

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121459.D
 Acq On : 28 Aug 2020 14:52
 Operator : JU/CG
 Sample : L3507-13MS 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

Quant Time: Aug 28 16:19:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	309923	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1211216	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	641504	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1210210	20.00	ng	0.00
76) Chrysene-d12	14.02	240	813605	20.00	ng	0.00
86) Perylene-d12	15.49	264	767984	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	305936	16.56	ng	-0.01
7) Phenol-d6	6.47	99	395272	15.31	ng	-0.02
23) Nitrobenzene-d5	7.42	82	239475	13.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	112906	17.43	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	513488	12.92	ng	-0.01
79) Terphenyl-d14	12.97	244	520535	13.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	74703	8.480	ng	99
3) Pyridine	3.39	79	163382	6.810	ng	98
4) n-Nitrosodimethylamine	3.32	42	97948	9.237	ng	96
6) Aniline	6.52	93	167768	5.477	ng	98
8) 2-Chlorophenol	6.64	128	204574	10.912	ng	94
9) Benzaldehyde	6.40	77	121551	6.245	ng	99
10) Phenol	6.49	94	261813	10.368	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	200503	9.772	ng	100
12) 1,3-Dichlorobenzene	6.80	146	218711	9.689	ng	97
13) 1,4-Dichlorobenzene	6.87	146	217943	9.634	ng	100
14) 1,2-Dichlorobenzene	7.03	146	209427	9.942	ng	97
15) Benzyl Alcohol	6.99	79	173292	10.228	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	289870	9.537	ng	99
17) 2-Methylphenol	7.10	107	167153	10.247	ng	98
18) Hexachloroethane	7.37	117	77242	9.977	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	152810	10.592	ng	99
20) 3+4-Methylphenols	7.25	107	218873	11.088	ng	# 73
22) Acetophenone	7.26	105	295328	9.893	ng	# 97
24) Nitrobenzene	7.43	77	210752	11.867	ng	97
25) Isophorone	7.67	82	402209	10.093	ng	99
26) 2-Nitrophenol	7.75	139	85333	18.128	ng	90
27) 2,4-Dimethylphenol	7.79	122	184560	11.167	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	256062	9.450	ng	98
29) 2,4-Dichlorophenol	7.99	162	164749	10.096	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	184154	9.212	ng	99
31) Naphthalene	8.16	128	746143	12.408	ng	98
32) Benzoic acid	7.86	122	80691	15.775	ng	97
33) 4-Chloroaniline	8.20	127	128024	4.780	ng	98
34) Hexachlorobutadiene	8.29	225	105401	8.866	ng	99
35) Caprolactam	8.55	113	55547	10.436	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	175830	10.219	ng	100
37) 2-Methylnaphthalene	8.85	142	479977	12.048	ng	99
38) 1-Methylnaphthalene	8.95	142	443680	11.794	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	189611	9.971	ng	98

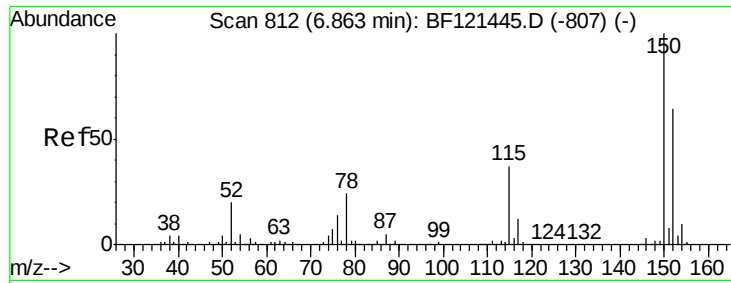
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121459.D
 Acq On : 28 Aug 2020 14:52
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	94724	11.845	nq	96
43) 2,4,6-Trichlorophenol	9.13	196	122378	10.182	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	129062	10.859	nq	99
46) 1,1'-Biphenyl	9.32	154	518242	10.706	nq	98
47) 2-Chloronaphthalene	9.34	162	376242	9.456	nq	98
48) 2-Nitroaniline	9.43	65	108876	15.047	nq	93
49) Acenaphthylene	9.76	152	649676	10.886	nq	97
50) Dimethylphthalate	9.61	163	488857	11.094	nq	99
51) 2,6-Dinitrotoluene	9.67	165	86342	15.475	nq	97
52) Acenaphthene	9.93	154	428380	11.367	nq	99
53) 3-Nitroaniline	9.84	138	74161	11.699	nq	98
54) 2,4-Dinitrophenol	9.95	184	18758	16.427	nq	96
55) Dibenzofuran	10.10	168	612604	11.191	nq	100
56) 4-Nitrophenol	9.99	139	155508	24.339	nq	89
57) 2,4-Dinitrotoluene	10.07	165	106460	16.160	nq	93
58) Fluorene	10.45	166	545298	13.214	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	107071	10.820	nq	# 97
60) Diethylphthalate	10.32	149	455702	10.293	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	210875	10.199	nq	95
62) 4-Nitroaniline	10.45	138	88044	11.939	nq	93
63) Azobenzene	10.60	77	443871	10.139	nq	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	18198	13.283	nq	96
66) n-Nitrosodiphenylamine	10.55	169	382039	9.981	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	127276	9.560	nq	97
68) Hexachlorobenzene	10.99	284	141107	9.064	nq	97
69) Atrazine	11.07	200	108302	9.756	nq	100
70) Pentachlorophenol	11.18	266	151101	21.245	nq	100
71) Phenanthrene	11.41	178	1363192	21.950	nq	98
72) Anthracene	11.46	178	857617	14.040	nq	97
73) Carbazole	11.61	167	648558	11.011	nq	97
74) Di-n-butylphthalate	11.95	149	759971	11.614	nq	98
75) Fluoranthene	12.60	202	1666148	24.892	nq	97
77) Benzidine	12.72	184	250190	14.100	nq	98
78) Pyrene	12.82	202	1561181	26.868	nq	98
80) Butylbenzylphthalate	13.45	149	293442	13.109	nq	96
81) Benzo(a)anthracene	14.01	228	934162	18.809	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	137491	7.558	nq	99
83) Chrysene	14.05	228	858742	17.282	nq	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	402406	13.918	nq	99
85) Di-n-octyl phthalate	14.62	149	645847	13.181	nq	97
87) Indeno(1,2,3-cd)pyrene	16.95	276	709883	15.023	nq	98
88) Benzo(b)fluoranthene	15.06	252	845920	16.933	nq	99
89) Benzo(k)fluoranthene	15.09	252	631432	13.589	nq	99
90) Benzo(a)pyrene	15.43	252	722143	16.076	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	480431	12.421	nq	98
92) Benzo(g,h,i)perylene	17.39	276	624680	16.765	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

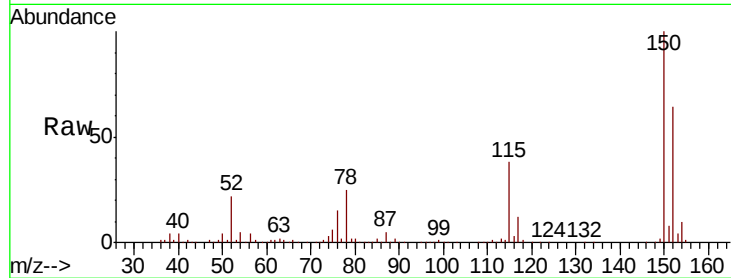


#1

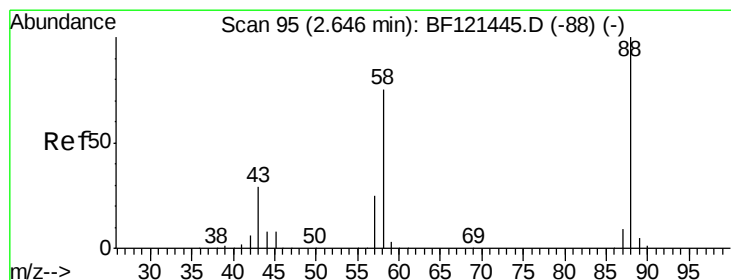
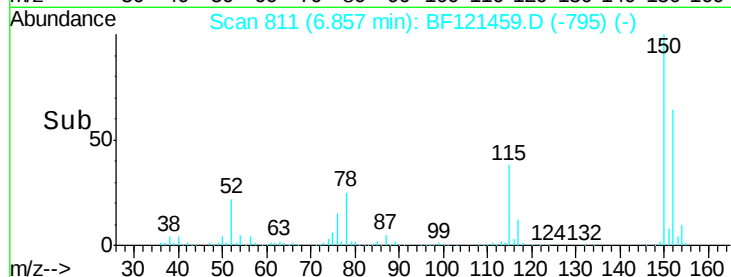
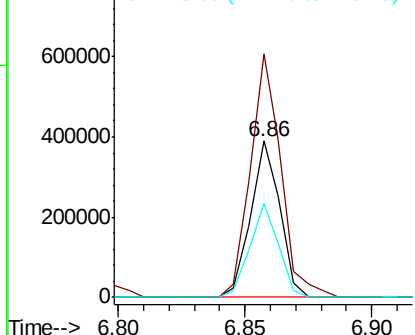
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

Tot Ion:152 Resp: 309923
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 59.8 46.6 69.8



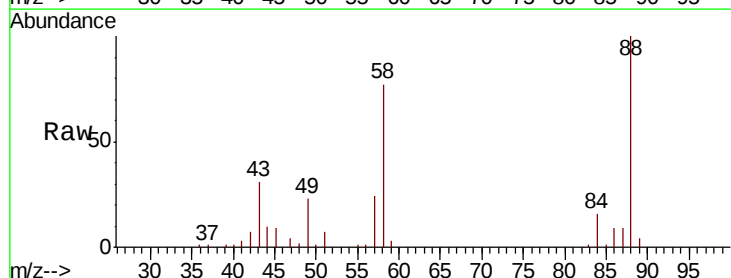
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



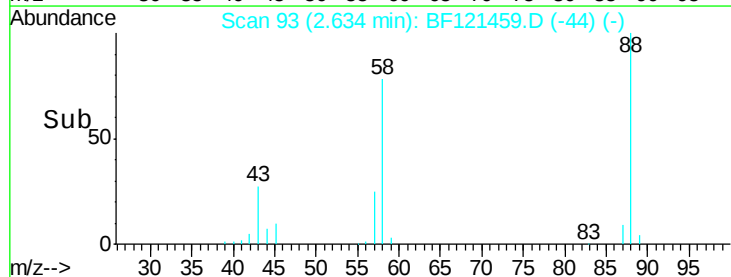
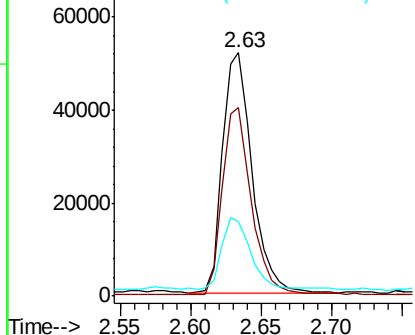
#2

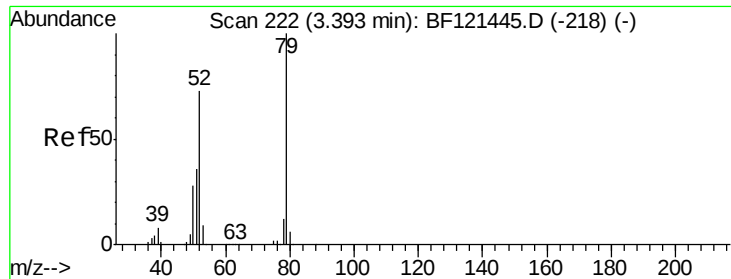
1,4-Dioxane
Concen: 8.480 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion: 88 Resp: 74703
Ion Ratio Lower Upper
88 100
58 76.3 61.1 91.7
43 31.2 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.810 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

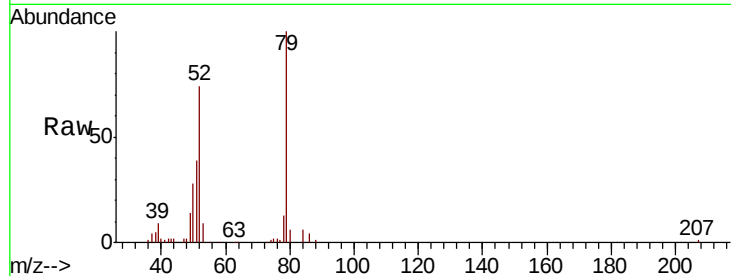
Tot Ion: 79 Resp: 163382

Ion Ratio Lower Upper

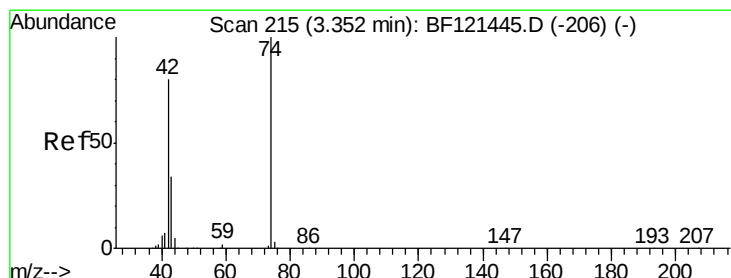
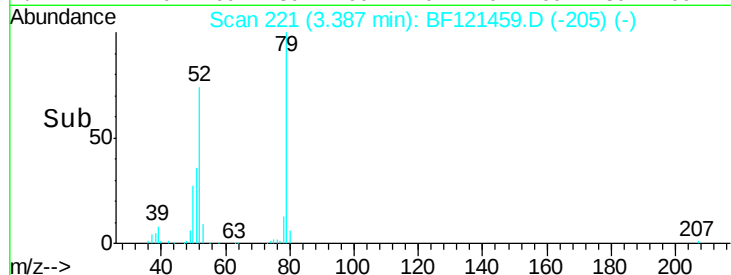
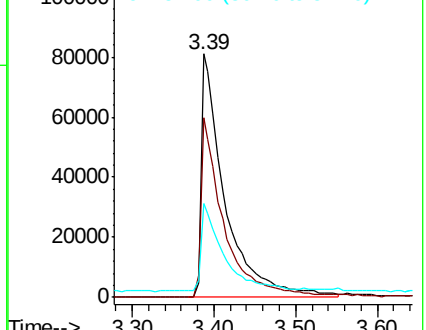
79 100

52 74.0 58.2 87.4

51 38.7 29.1 43.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 9.237 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.04 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

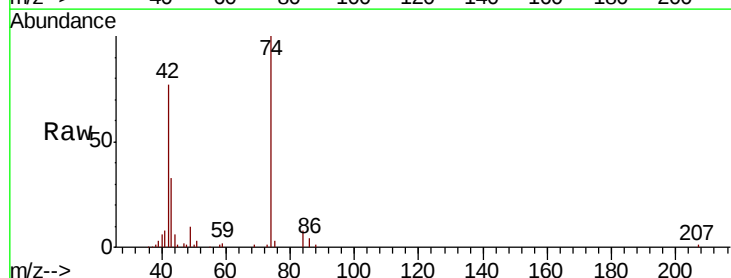
Tgt Ion: 42 Resp: 97948

Ion Ratio Lower Upper

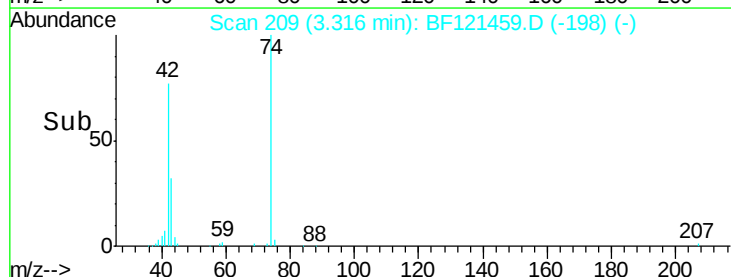
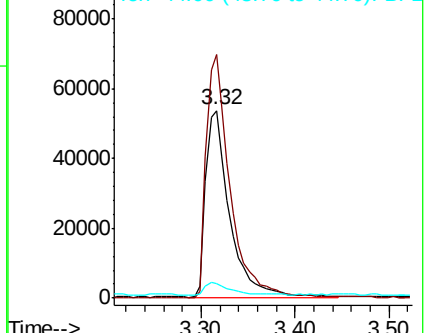
42 100

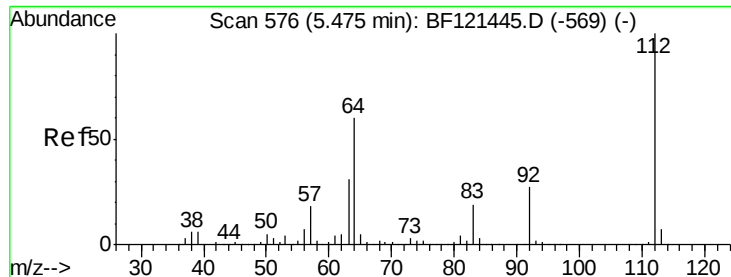
74 129.9 100.2 150.4

44 7.8 5.4 8.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 16.562 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

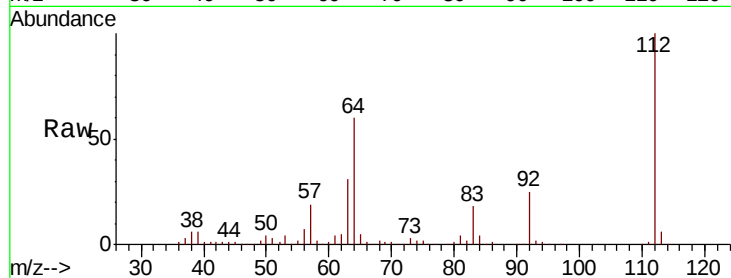
Tot Ion:112 Resp: 305936

Ion Ratio Lower Upper

112 100

64 59.7 48.2 72.2

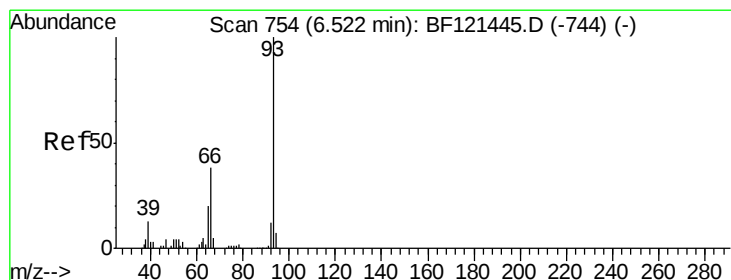
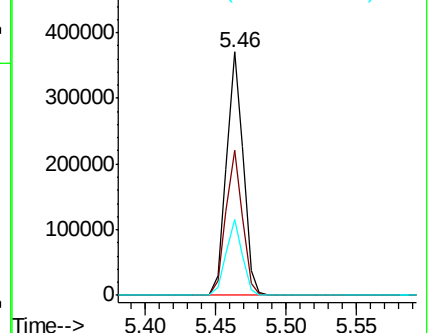
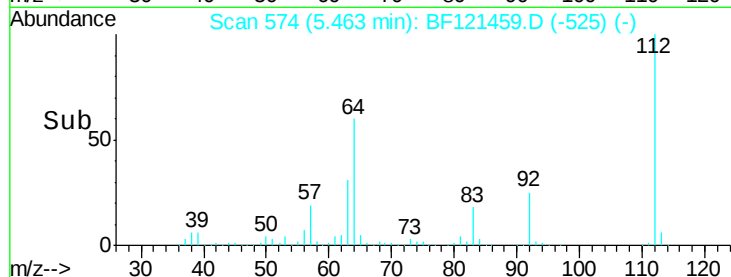
63 31.0 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.477 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

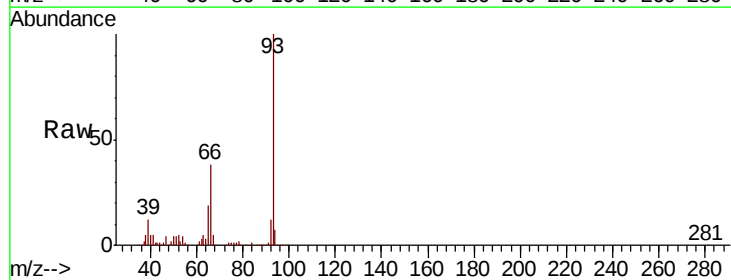
Tgt Ion: 93 Resp: 167768

Ion Ratio Lower Upper

93 100

66 37.7 30.9 46.3

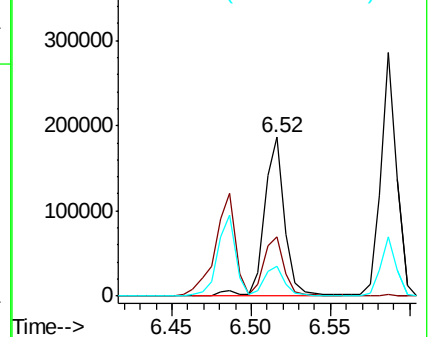
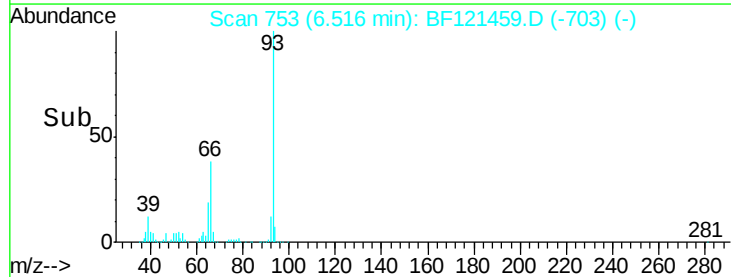
65 19.1 15.9 23.9

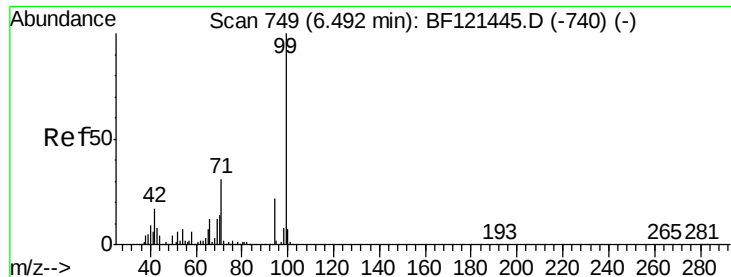


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 15.312 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

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SU-03-082720MS

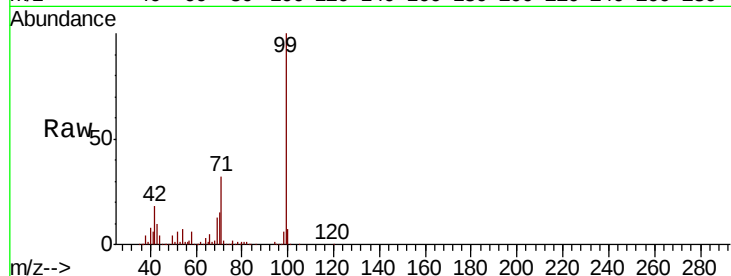
Tot Ion: 99 Resp: 395272

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

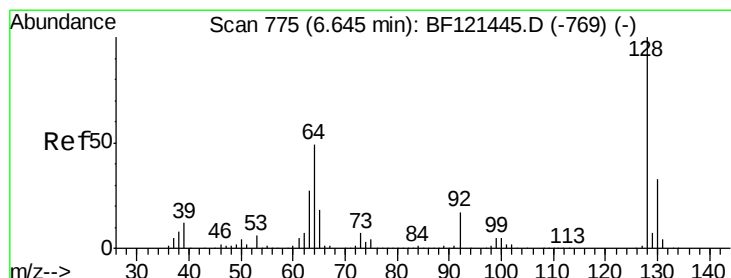
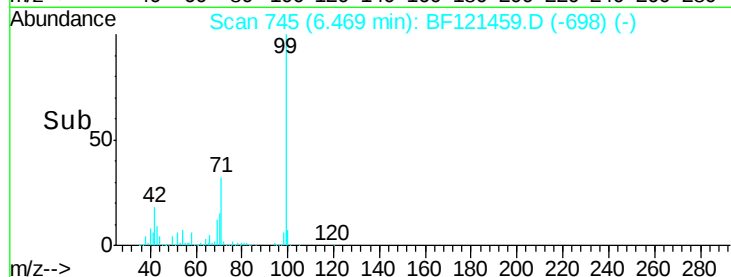
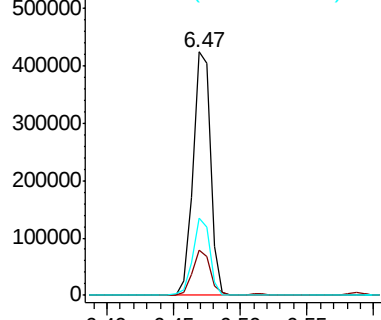
71 31.8 24.6 37.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 10.912 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

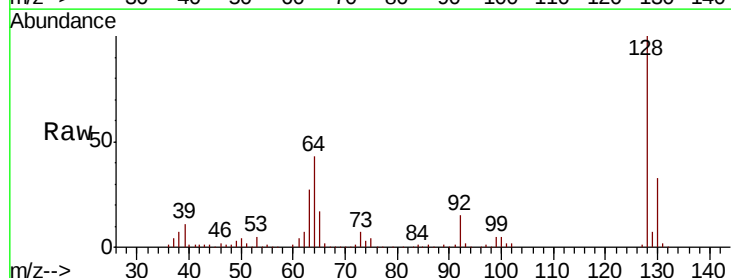
Tgt Ion: 128 Resp: 204574

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

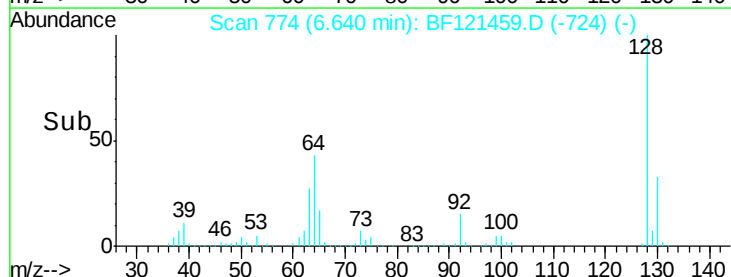
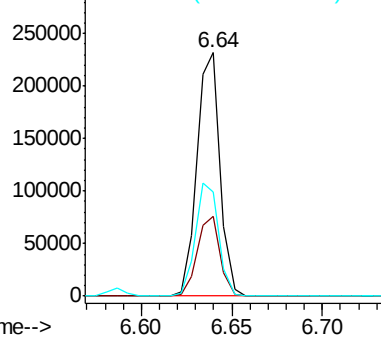
64 42.7 29.5 69.5

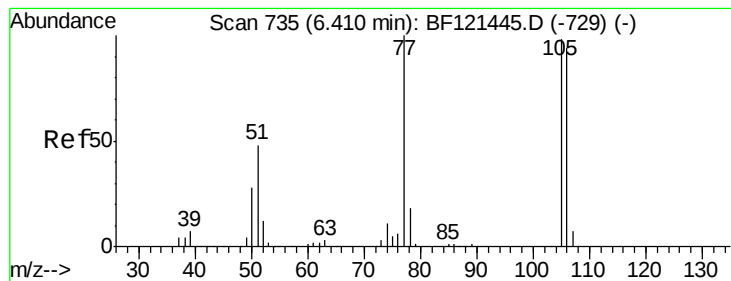


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 6.245 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

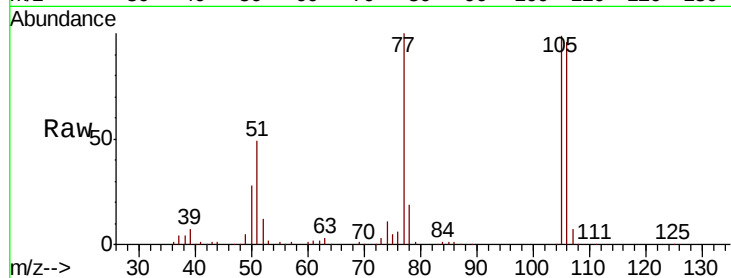
Tot Ion: 77 Resp: 121551

Ion Ratio Lower Upper

77 100

105 98.9 78.1 118.1

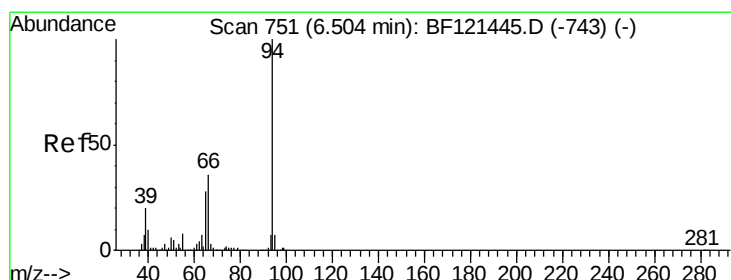
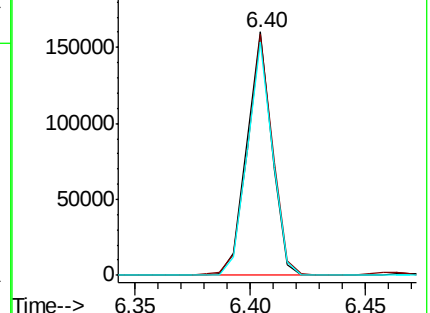
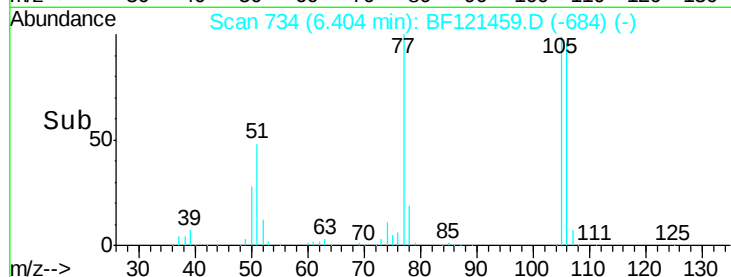
106 95.7 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.368 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

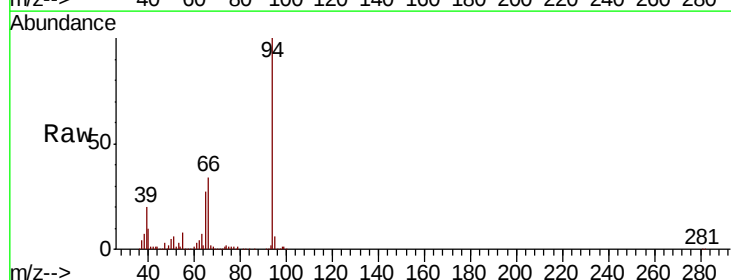
Tgt Ion: 94 Resp: 261813

Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

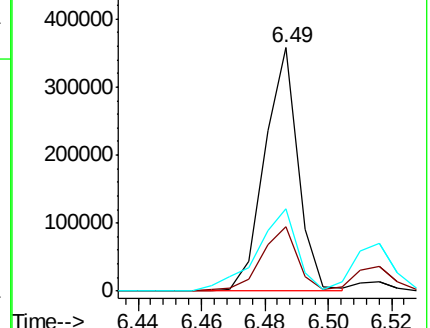
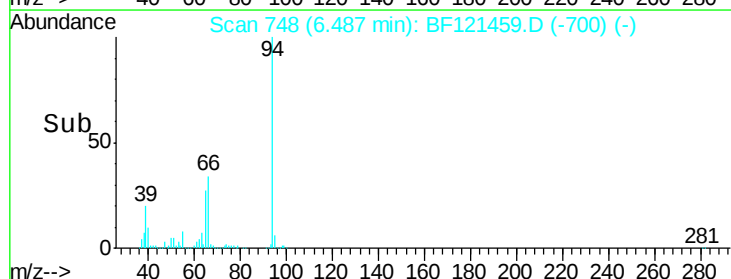
66 33.6 16.0 56.0

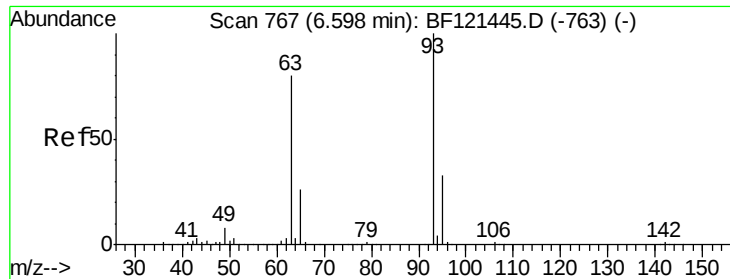


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 9.772 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

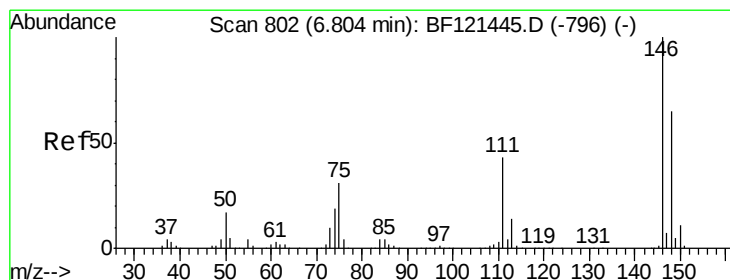
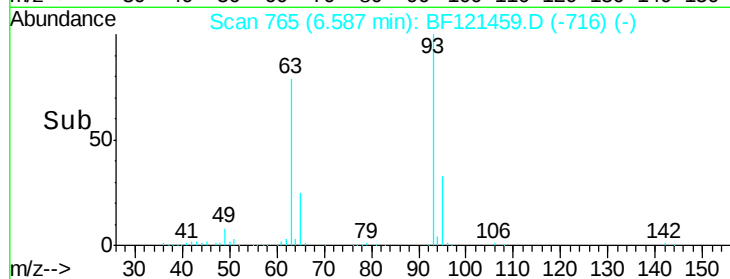
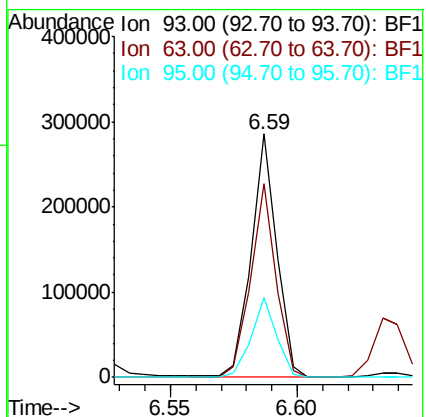
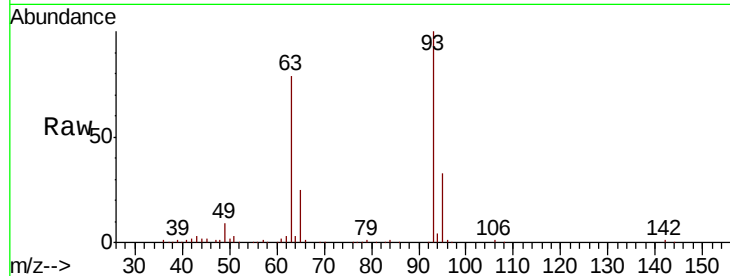
Tot Ion: 93 Resp: 200503

Ion Ratio Lower Upper

93 100

63 79.4 59.3 99.3

95 32.5 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 9.689 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

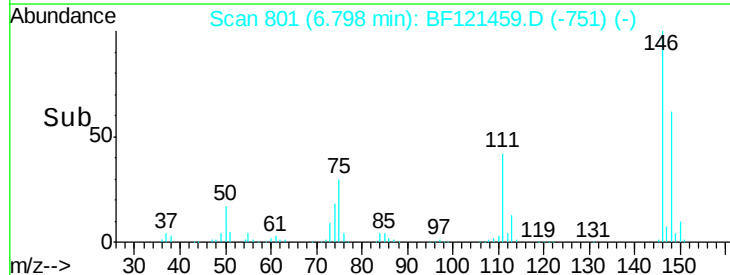
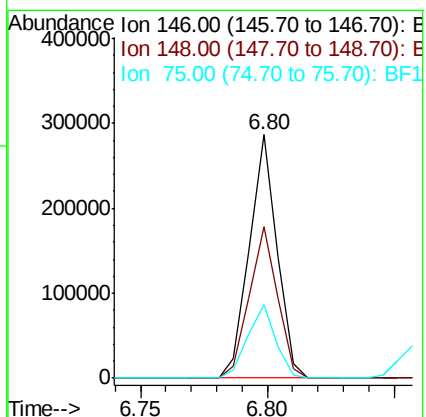
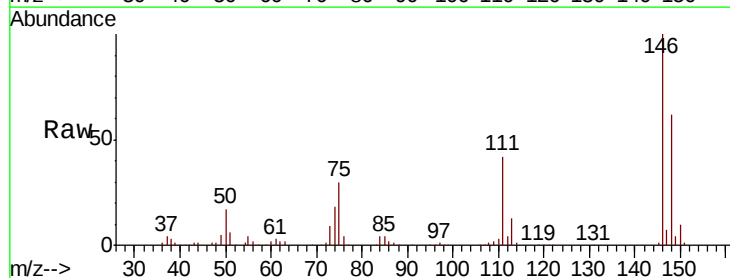
Tgt Ion: 146 Resp: 218711

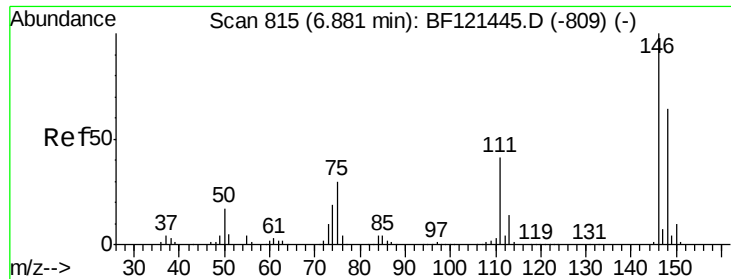
Ion Ratio Lower Upper

146 100

148 62.3 52.1 78.1

75 30.4 24.9 37.3

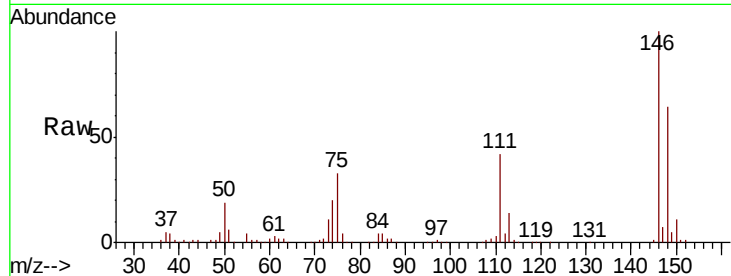




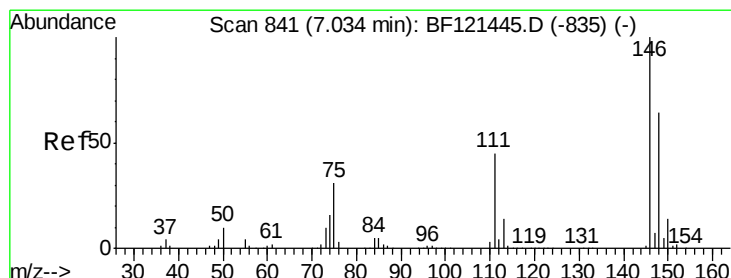
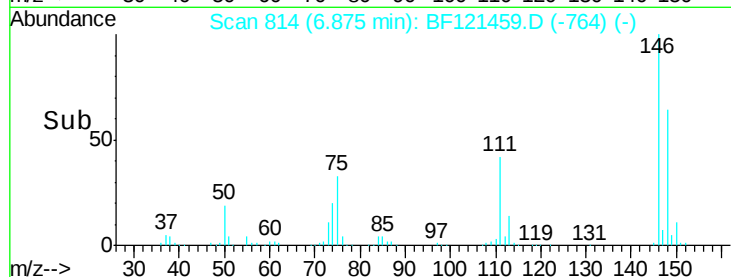
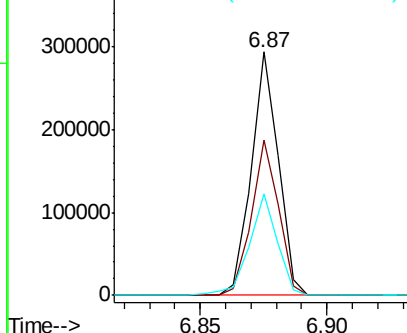
#13
 1,4-Dichlorobenzene
 Concen: 9.634 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

Tot Ion:146 Resp: 217943
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 41.7 33.0 49.6

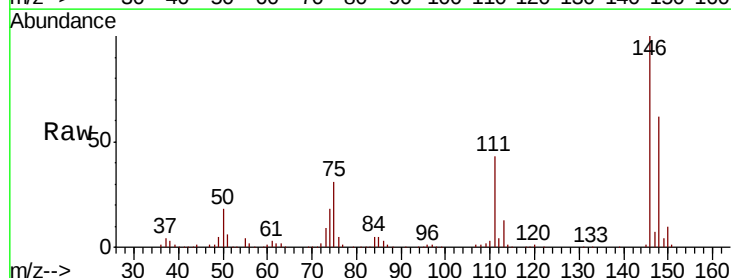


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

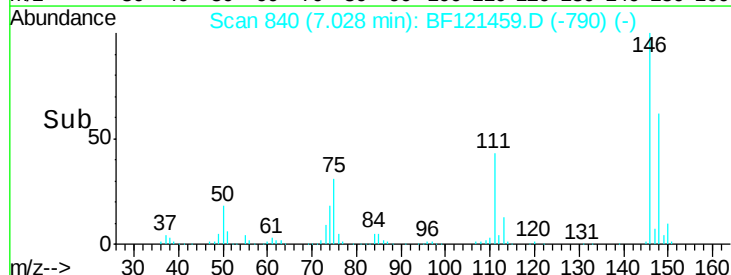
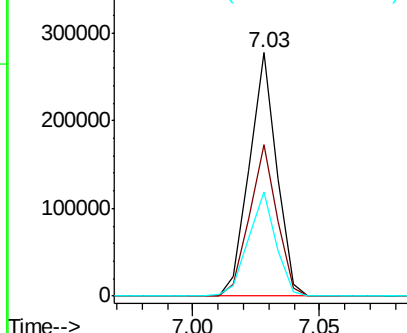


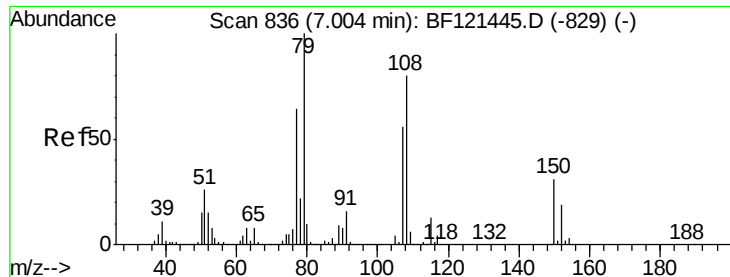
#14
 1,2-Dichlorobenzene
 Concen: 9.942 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion:146 Resp: 209427
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.1 76.7
 111 42.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.228 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

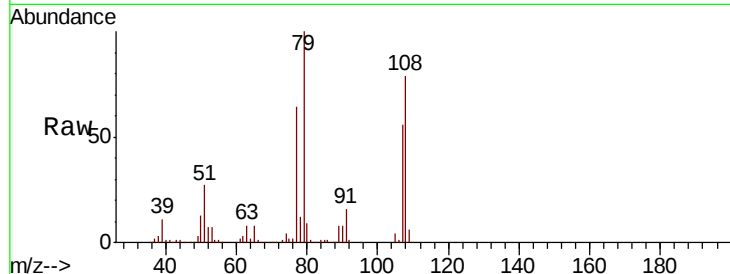
Tot Ion: 79 Resp: 173292

Ion Ratio Lower Upper

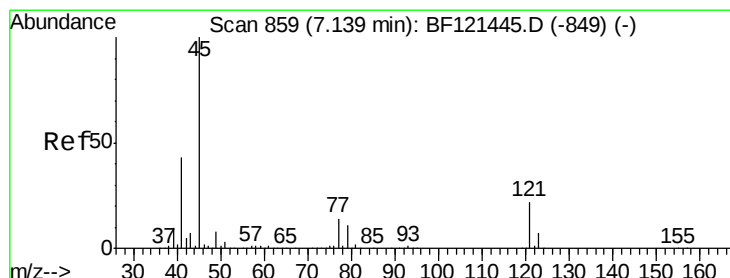
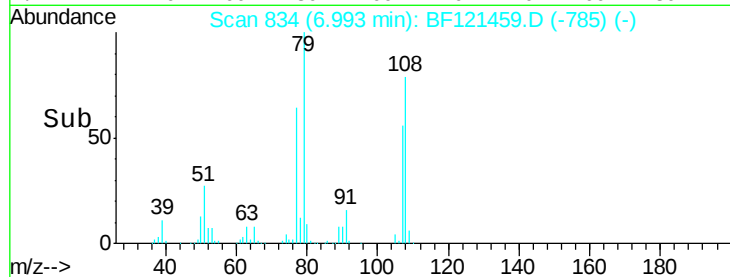
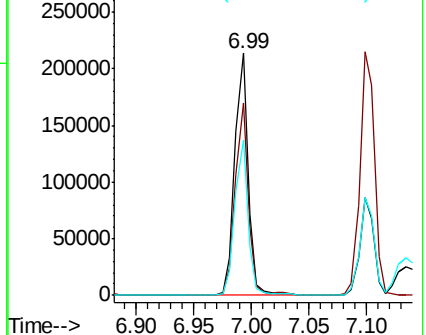
79 100

108 79.4 64.0 96.0

77 64.2 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.537 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

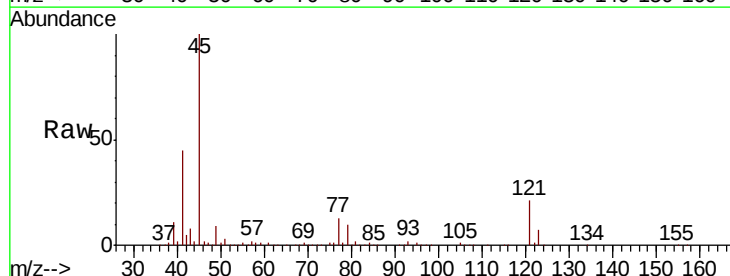
Tgt Ion: 45 Resp: 289870

Ion Ratio Lower Upper

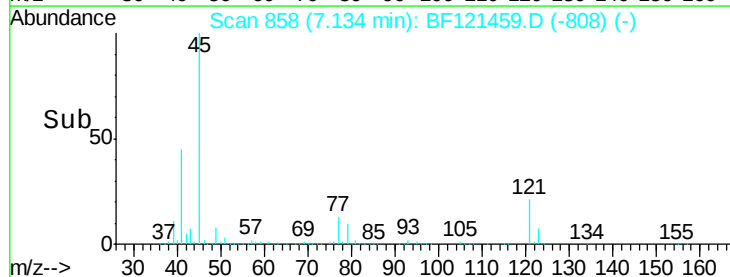
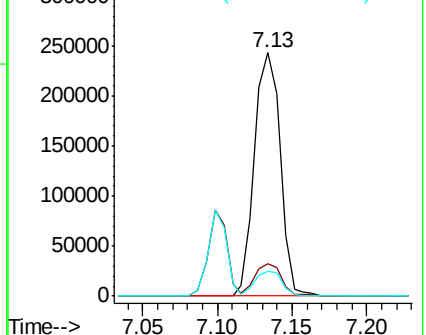
45 100

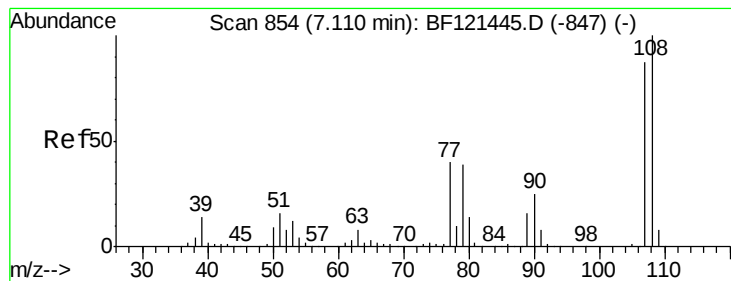
77 13.4 0.0 33.8

79 10.3 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

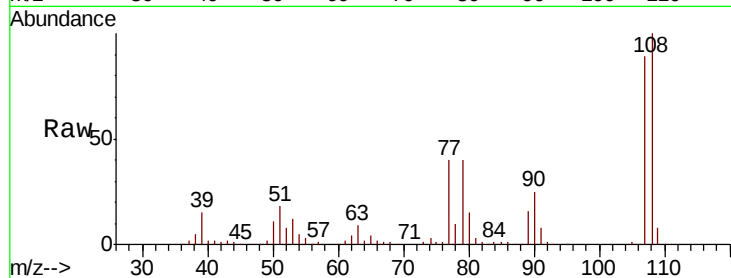




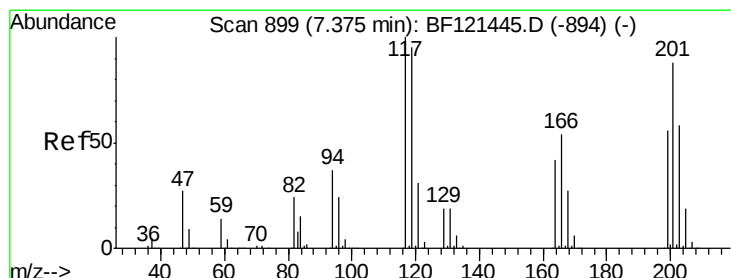
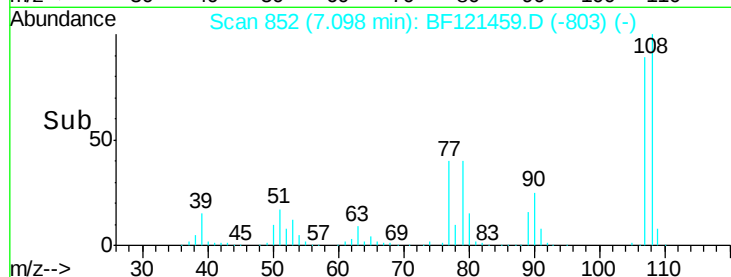
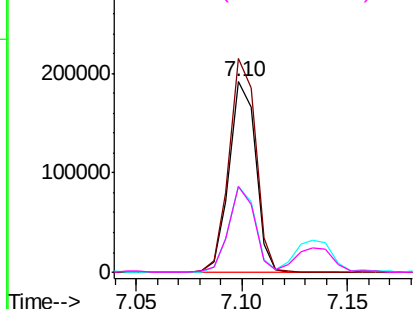
#17
2-Methylphenol
Concen: 10.247 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

Tot Ion:107 Resp: 167153
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 45.1 36.4 54.6
79 45.0 35.5 53.3

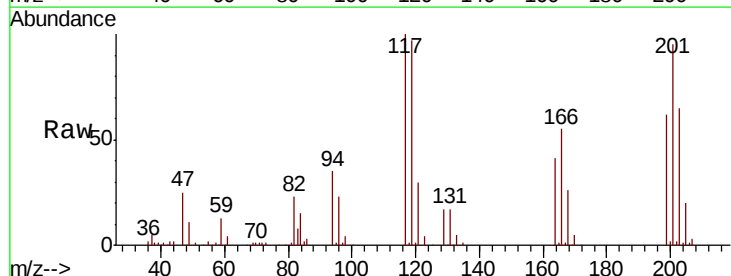


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

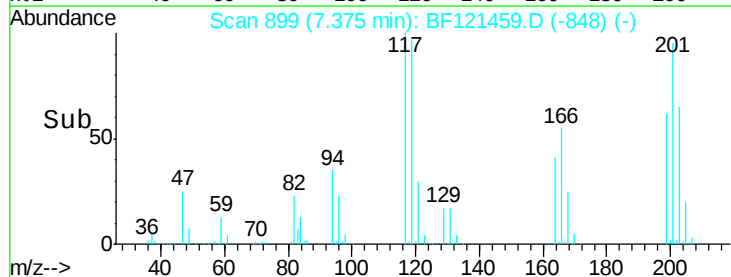
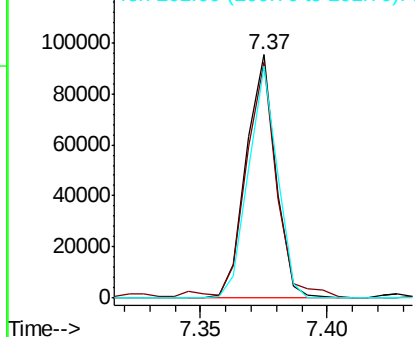


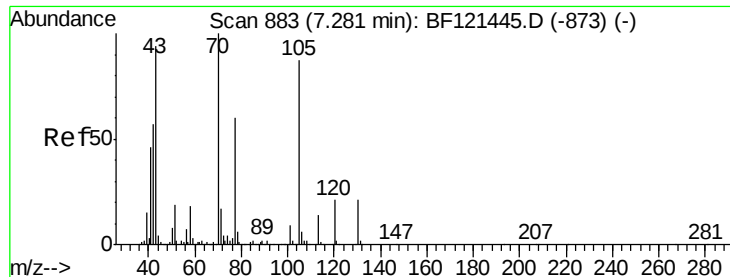
#18
Hexachloroethane
Concen: 9.977 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion:117 Resp: 77242
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 95.3 70.4 105.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

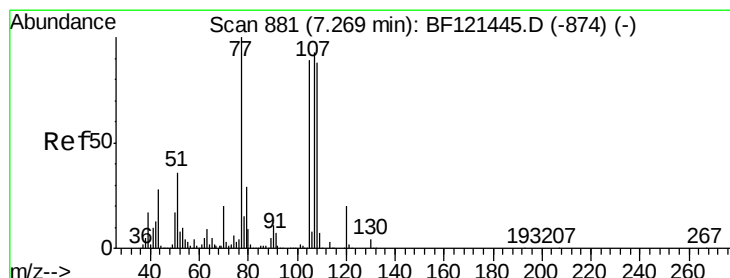
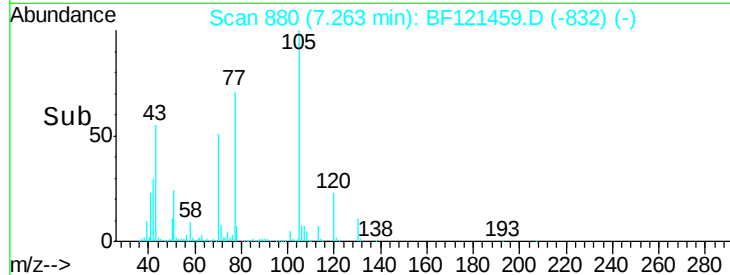
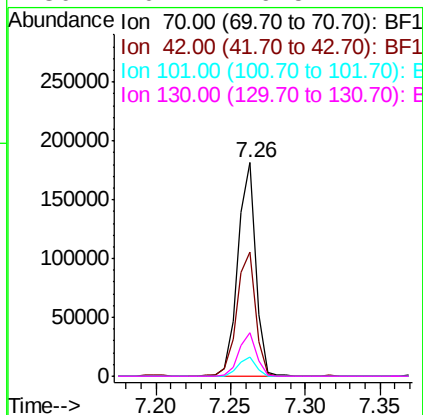
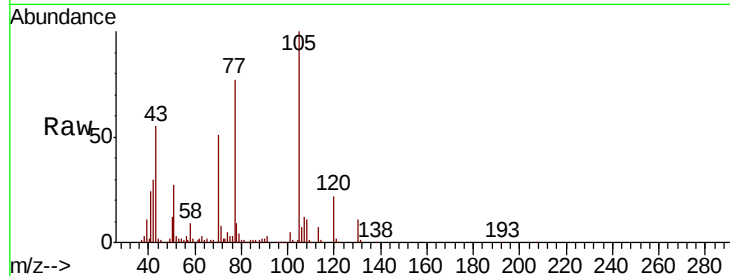




#19
n-Nitroso-di-n-propylamine
Concen: 10.592 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

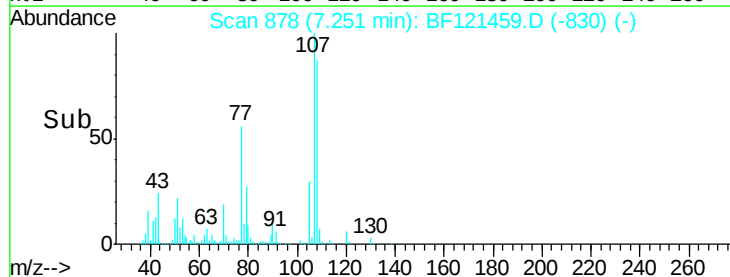
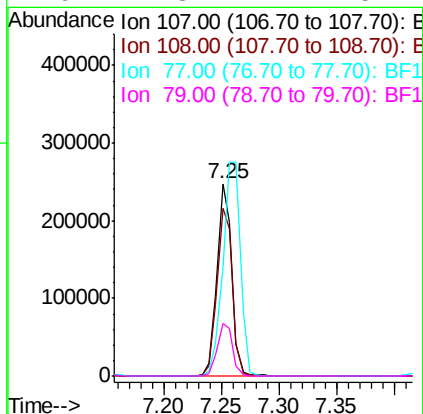
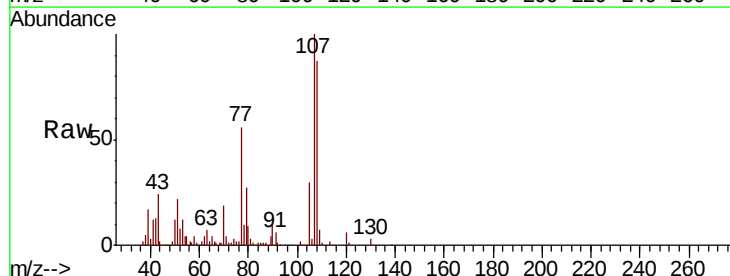
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

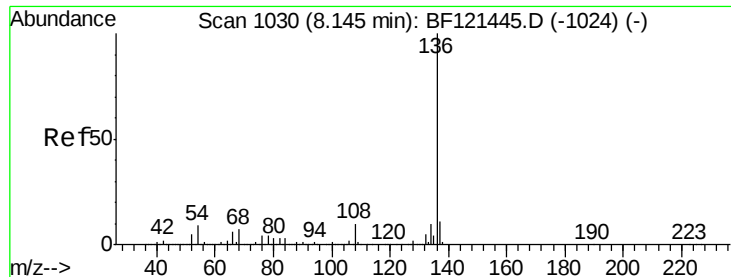
Tot Ion:	70	Resp:	152810
Ion	Ratio	Lower	Upper
70	100		
42	58.0	45.8	68.6
101	9.1	7.5	11.3
130	20.7	16.5	24.7



#20
3+4-Methylphenols
Concen: 11.088 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion:	107	Resp:	218873
Ion	Ratio	Lower	Upper
107	100		
108	87.0	75.0	115.0
77	56.3	47.5	127.5
79	27.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

Tot Ion:136 Resp: 1211216

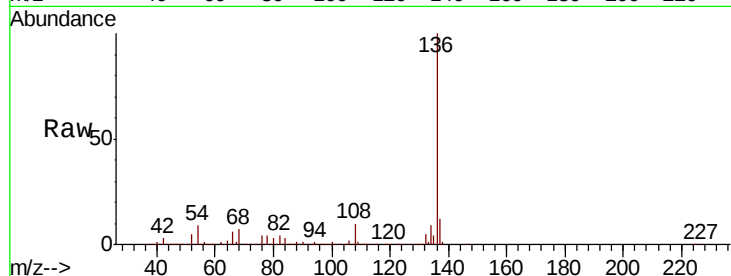
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.2 7.0 10.4

68 7.1 5.5 8.3

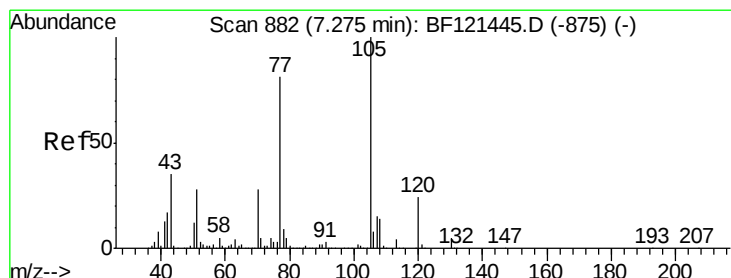
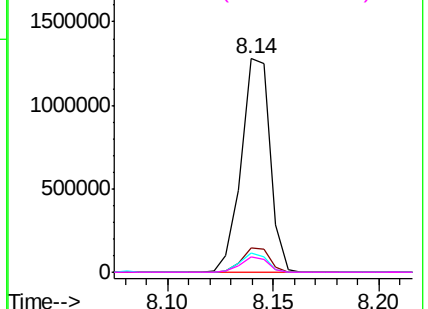
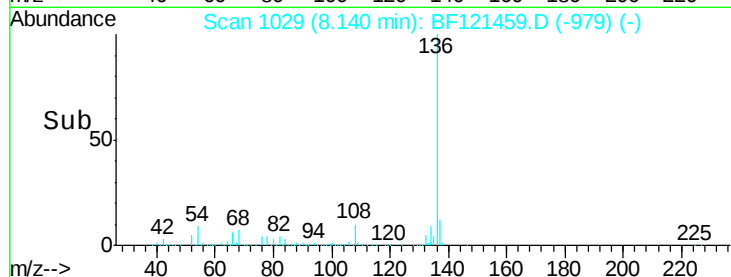


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 9.893 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Tgt Ion:105 Resp: 295328

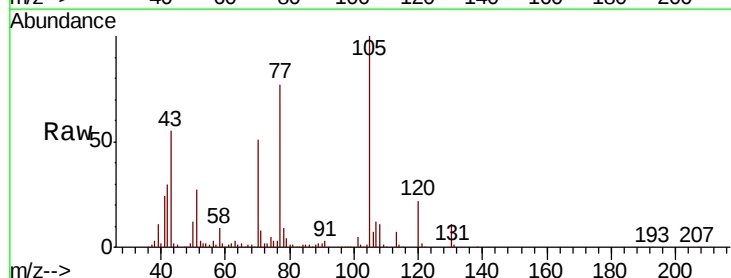
Ion Ratio Lower Upper

105 100

71 8.1 3.8 5.6#

51 27.3 22.6 33.8

120 22.4 18.9 28.3

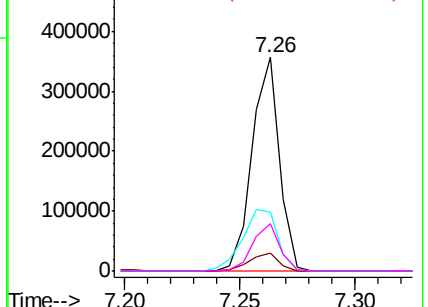
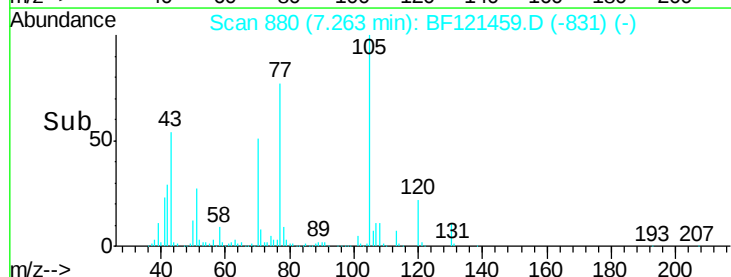


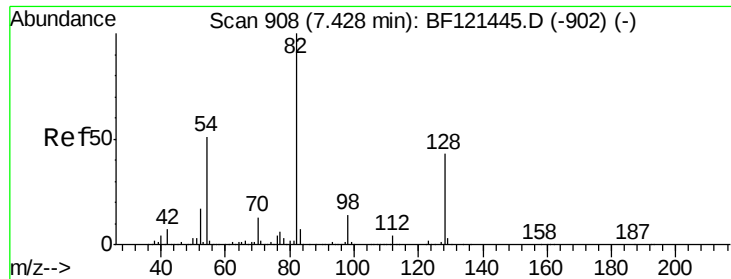
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

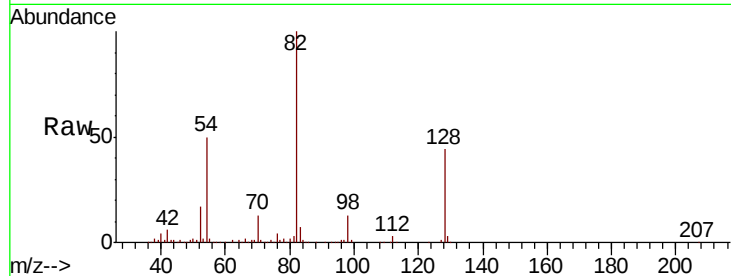




#23
Nitrobenzene-d5
Concen: 13.517 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

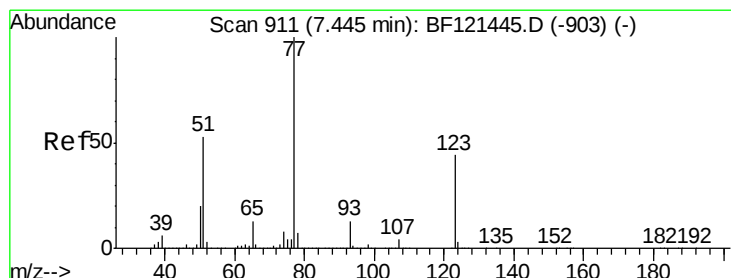
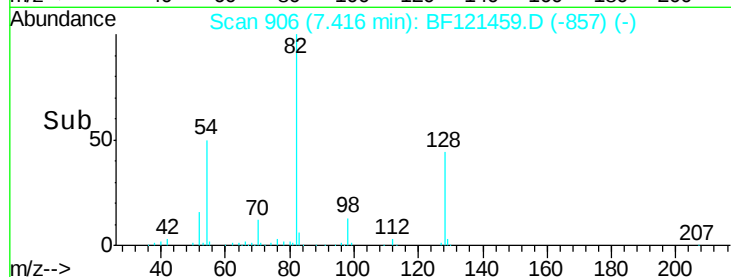
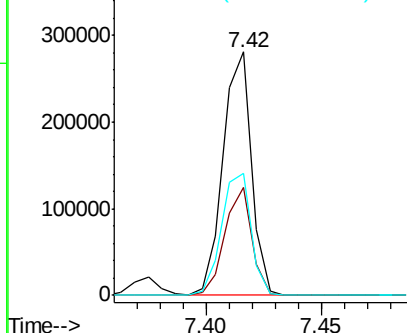
Tot Ion	82	Resp	239475
Ion Ratio	100	Lower	Upper
128	44.2	34.1	51.1
54	50.1	41.0	61.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

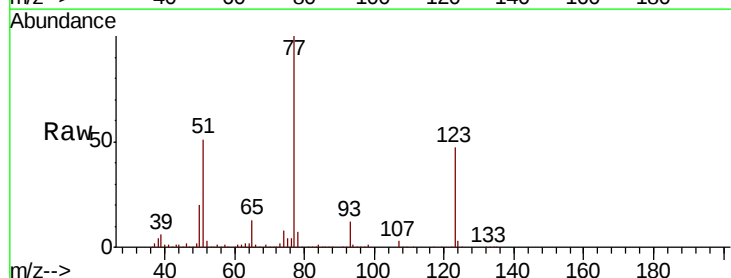
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 11.867 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

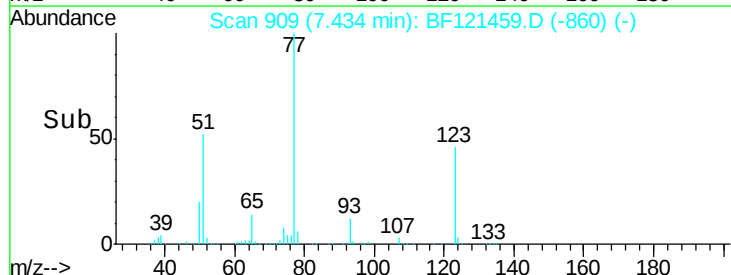
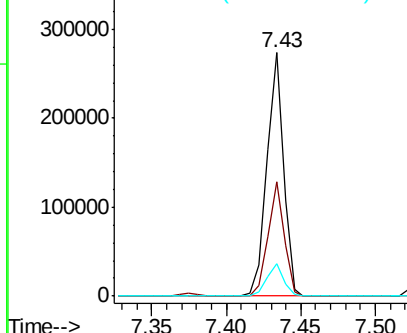
Tgt Ion	77	Resp	210752
Ion Ratio	100	Lower	Upper
123	46.9	35.5	53.3
65	13.3	10.6	16.0

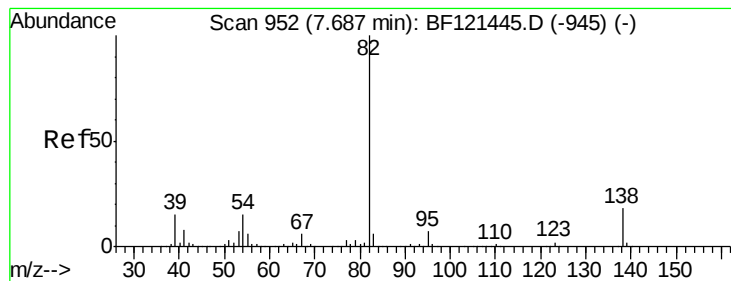


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 10.093 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

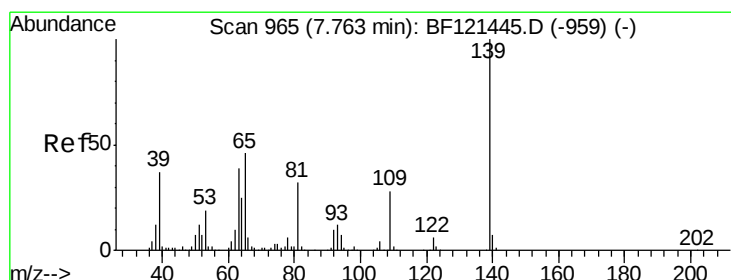
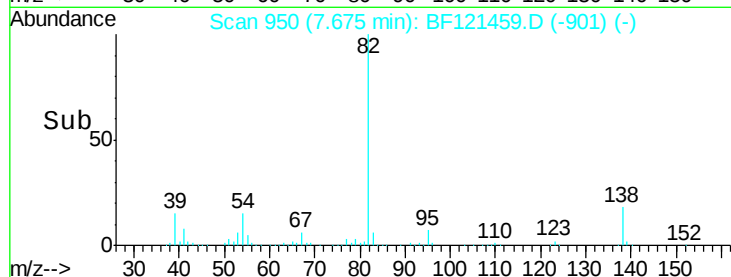
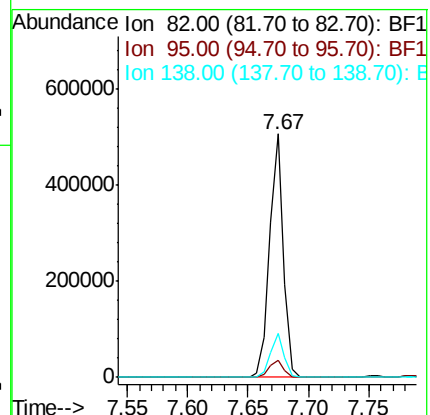
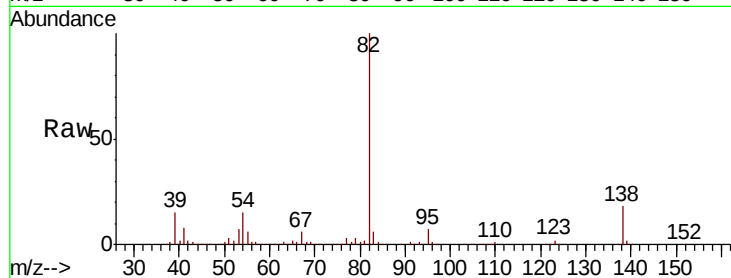
Tot Ion: 82 Resp: 402209

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 17.9 14.8 22.2



#26

2-Nitrophenol

Concen: 18.128 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

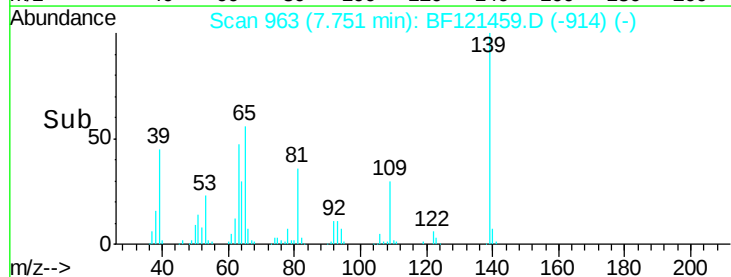
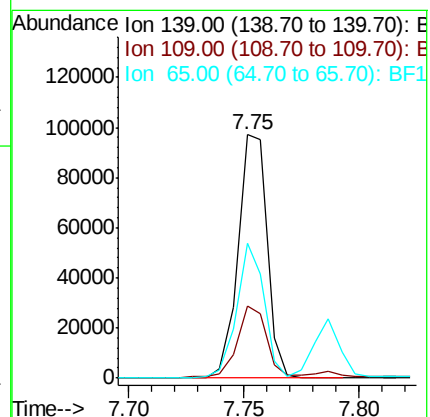
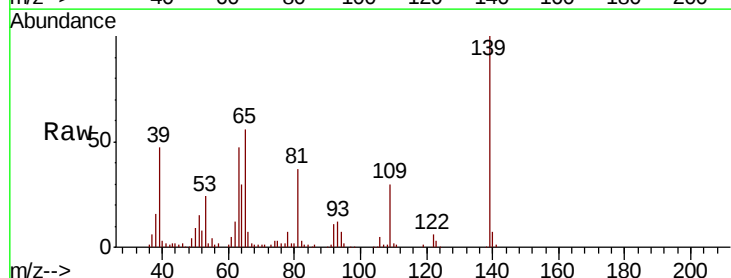
Tgt Ion: 139 Resp: 85333

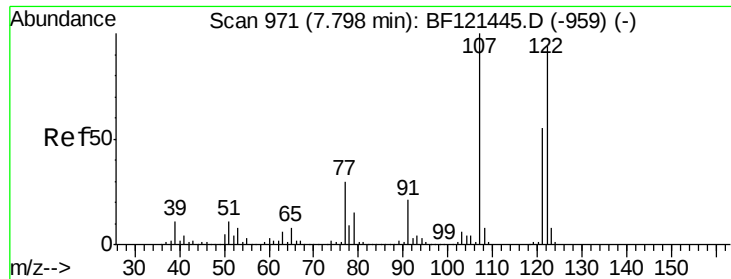
Ion Ratio Lower Upper

139 100

109 29.5 22.1 33.1

65 55.5 37.2 55.8

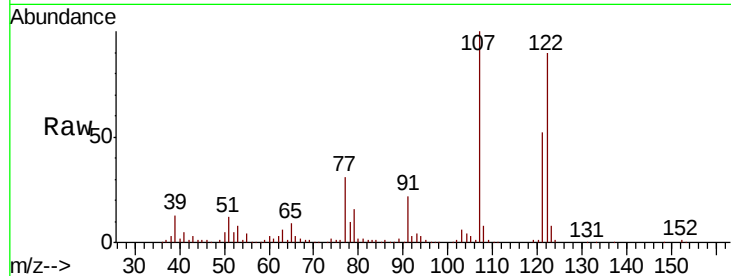




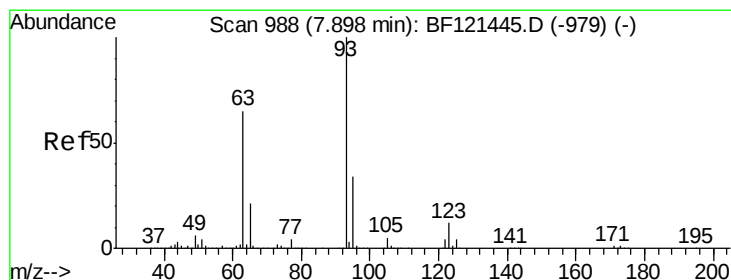
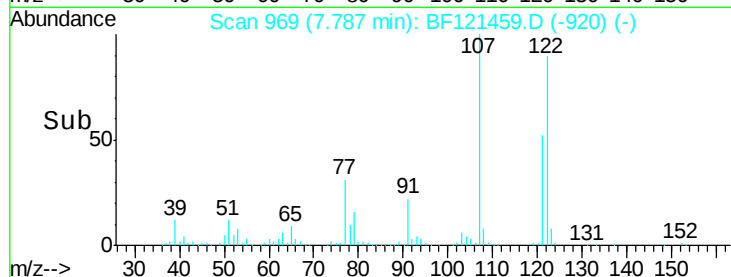
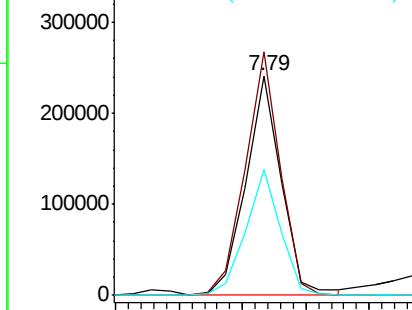
#27
 2,4-Dimethylphenol
 Concen: 11.167 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

Tot Ion:122 Resp: 184560
 Ion Ratio Lower Upper
 122 100
 107 110.8 84.9 127.3
 121 57.3 46.4 69.6

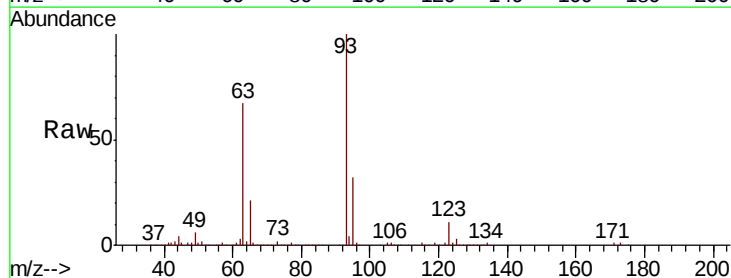


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

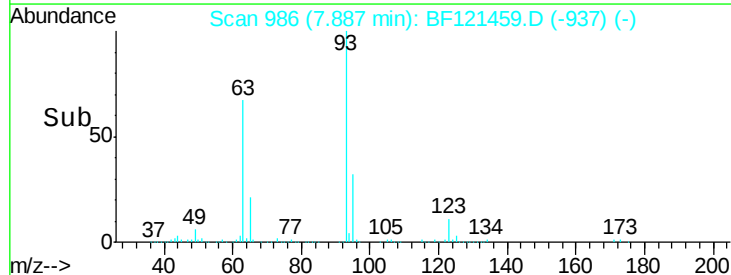
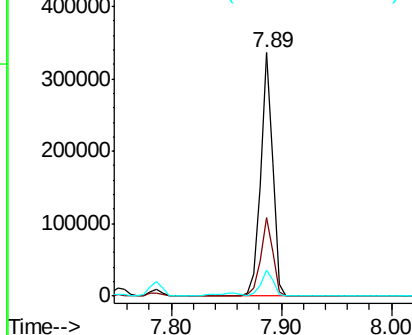


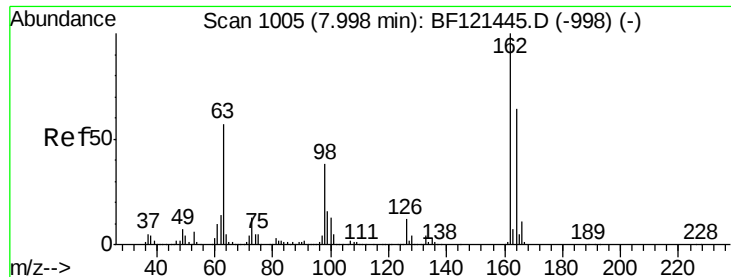
#28
 bis(2-Chloroethoxy)methane
 Concen: 9.450 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion: 93 Resp: 256062
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.8 40.2
 123 10.9 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

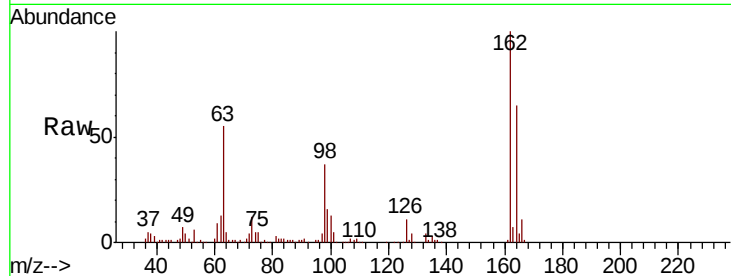




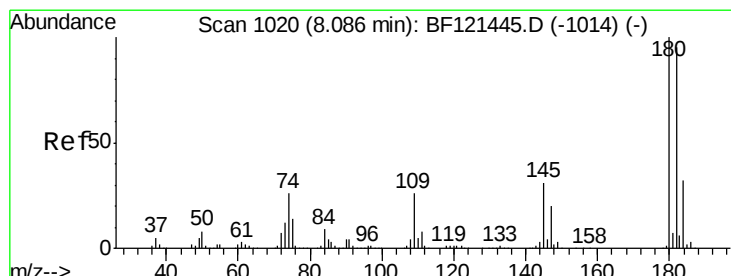
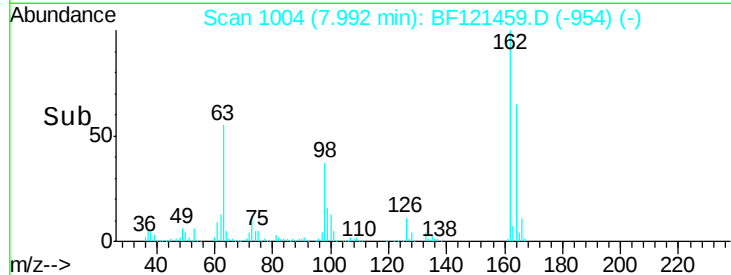
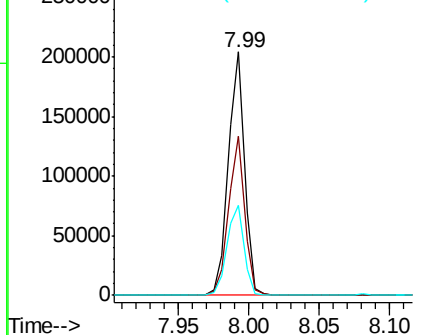
#29
 2,4-Dichlorophenol
 Concen: 10.096 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.0	84.0
98	37.0	18.4	58.4

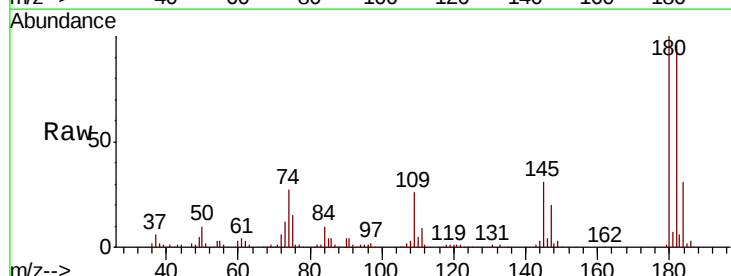


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

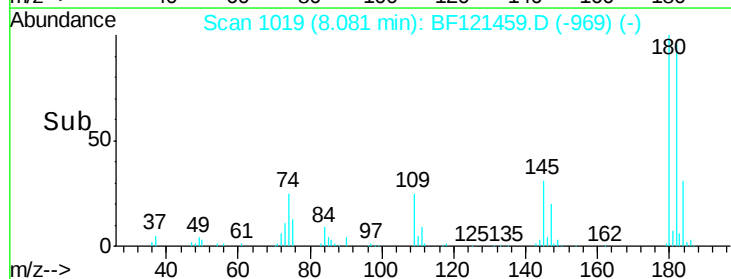
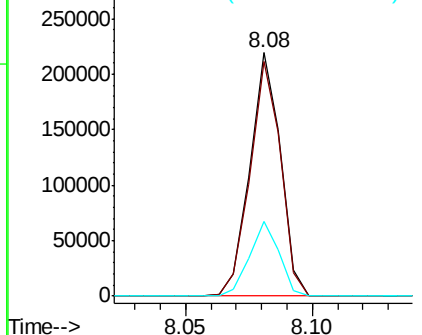


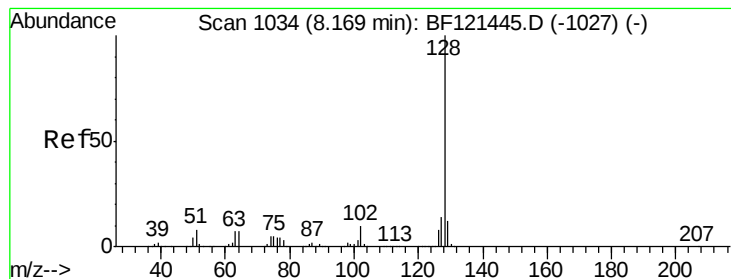
#30
 1,2,4-Trichlorobenzene
 Concen: 9.212 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.2	114.4
145	30.7	25.2	37.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 12.408 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

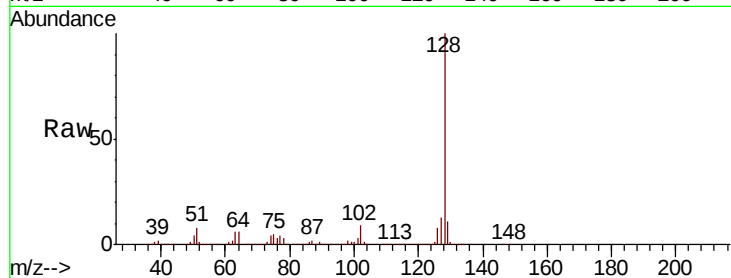
Tot Ion:128 Resp: 746143

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

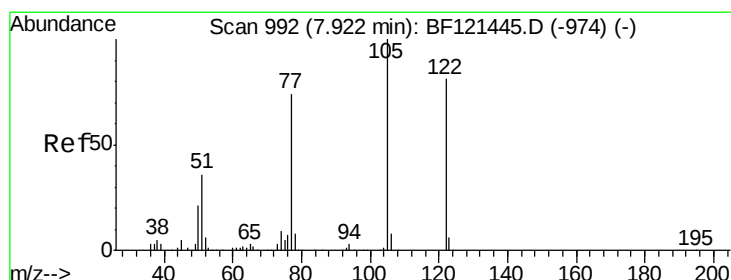
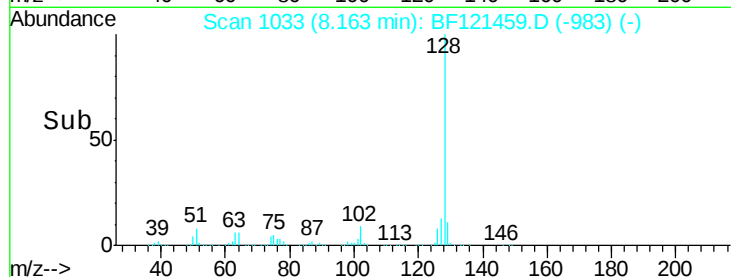
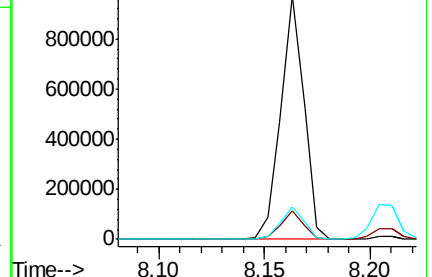
127 13.3 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.775 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

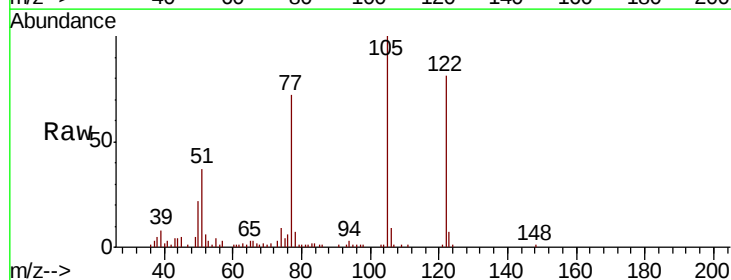
Tgt Ion:122 Resp: 80691

Ion Ratio Lower Upper

122 100

105 123.7 100.8 140.8

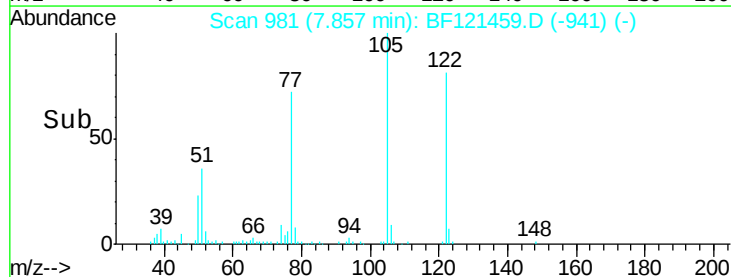
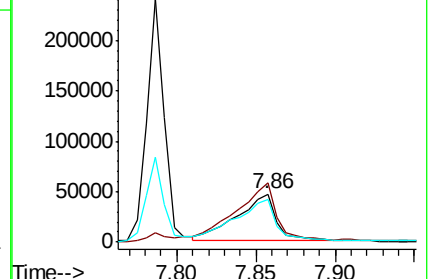
77 89.1 71.5 111.5

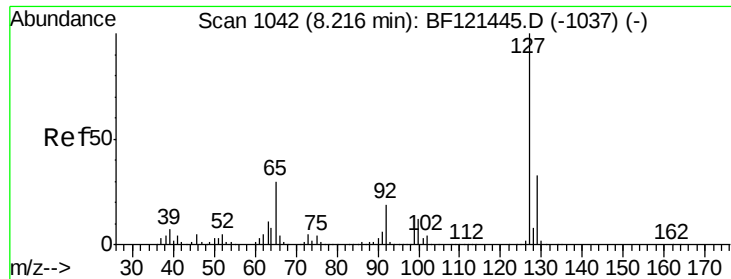


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

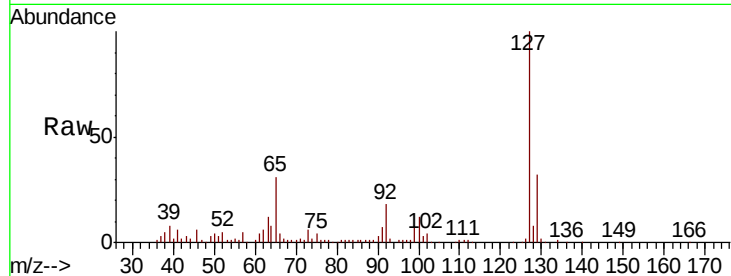




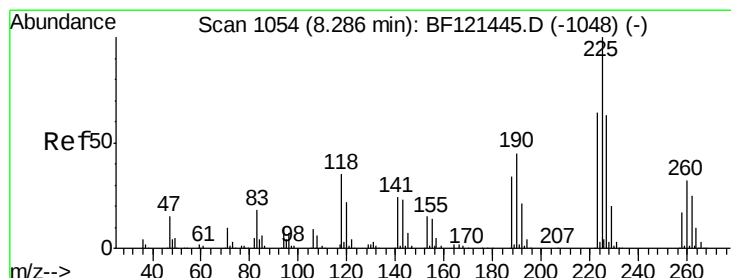
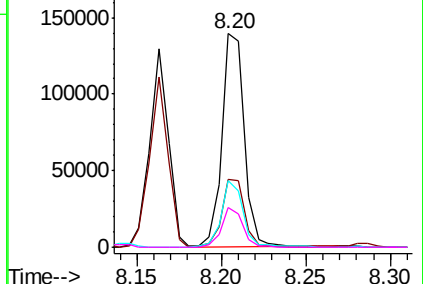
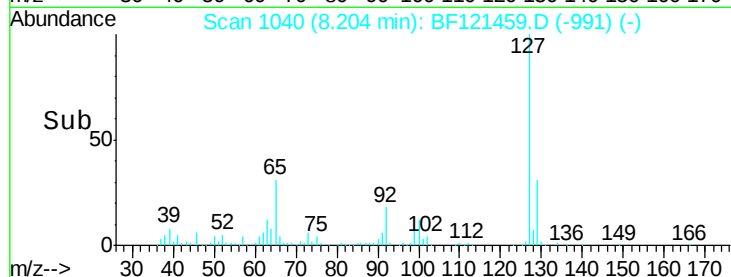
#33
4-Chloroaniline
Concen: 4.780 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

Tot Ion:	127	Resp:	128024
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	31.3	23.7	35.5
92	18.5	15.0	22.6

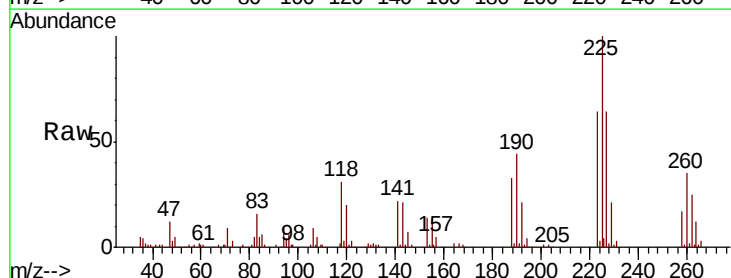


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

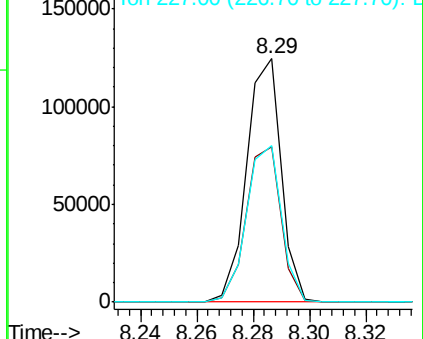
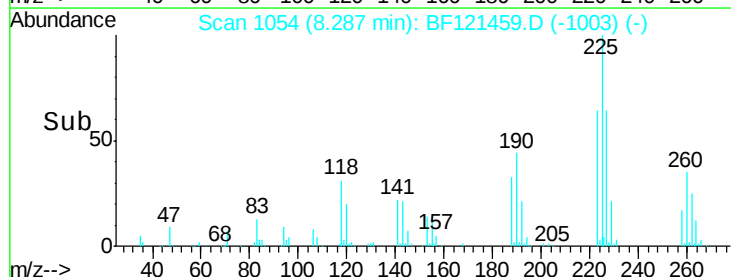


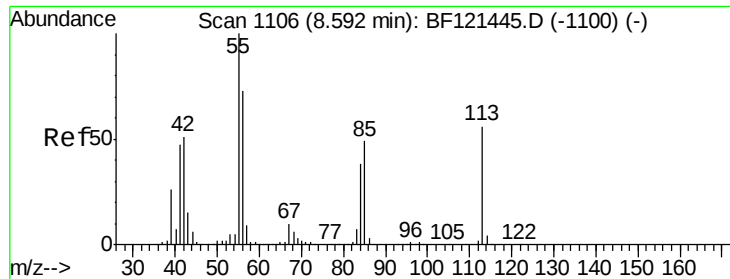
#34
Hexachlorobutadiene
Concen: 8.866 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion:	225	Resp:	105401
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.4
227	64.4	50.0	75.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 10.436 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

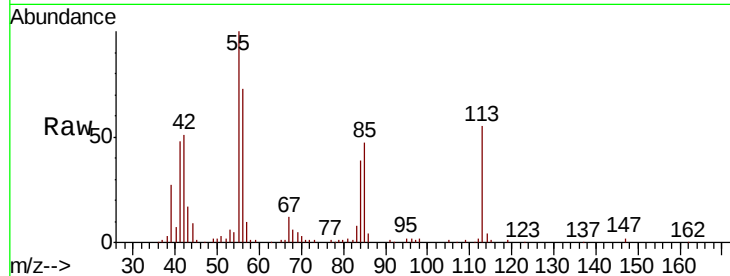
Tot Ion:113 Resp: 55547

Ion Ratio Lower Upper

113 100

55 181.9 159.9 199.9

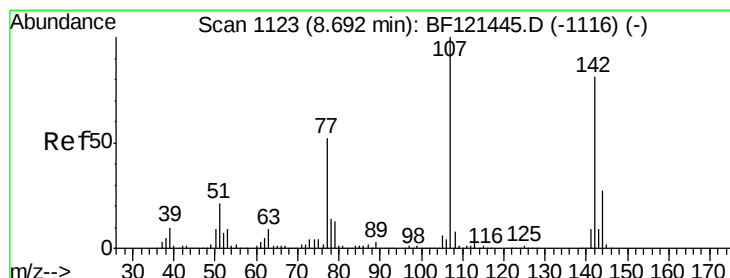
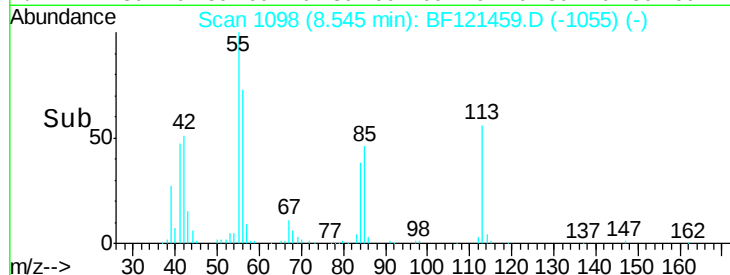
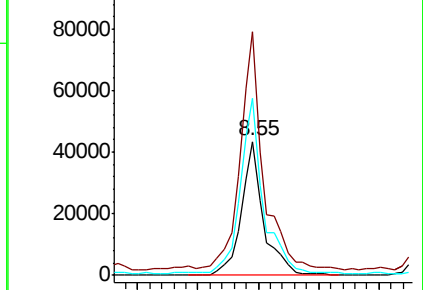
56 132.2 111.4 151.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 10.219 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

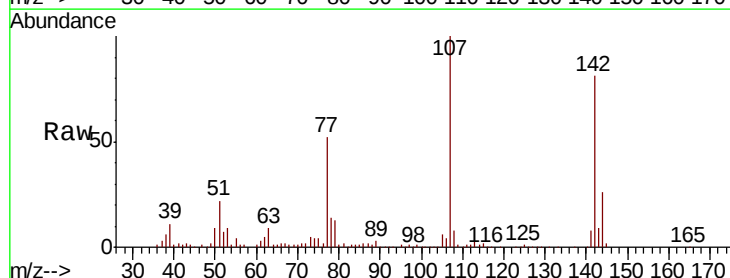
Tgt Ion:107 Resp: 175830

Ion Ratio Lower Upper

107 100

144 26.2 21.4 32.2

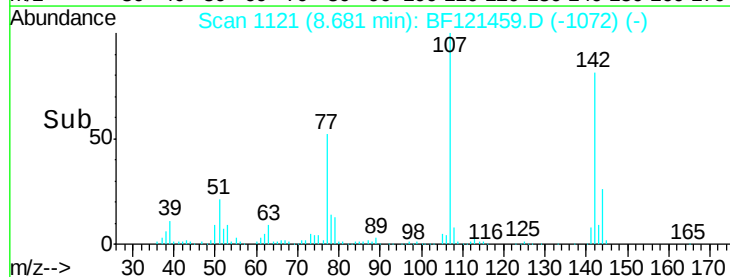
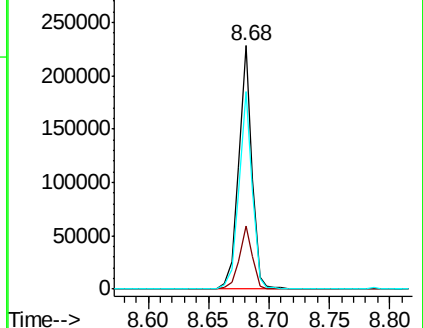
142 81.3 65.0 97.4

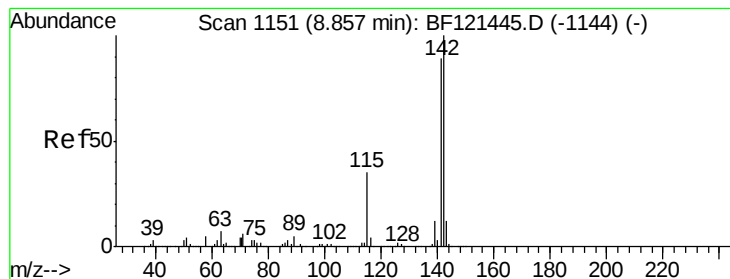


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 12.048 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

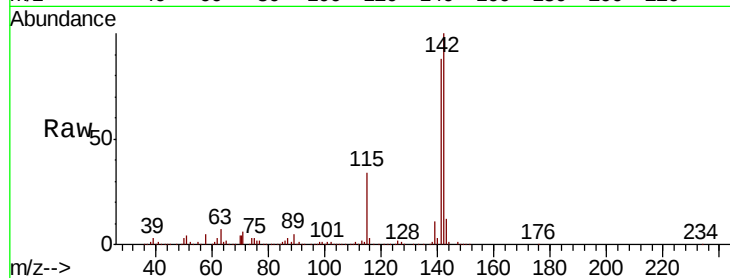
Tot Ion:142 Resp: 479977

Ion Ratio Lower Upper

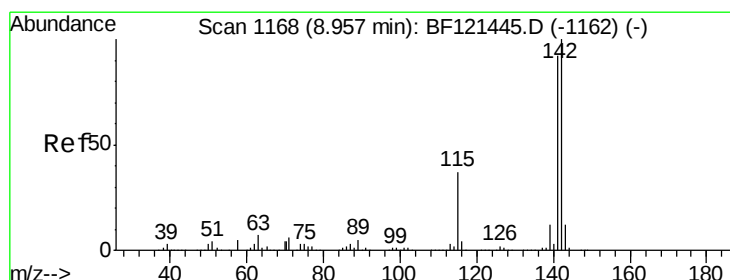
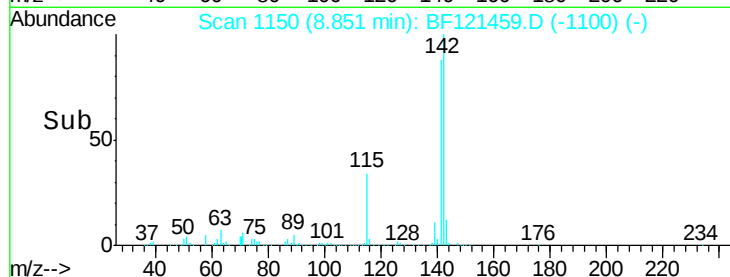
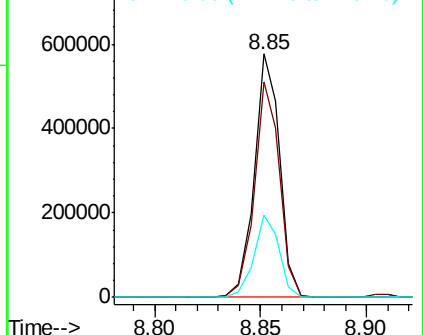
142 100

141 88.3 70.8 106.2

115 33.8 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 11.794 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

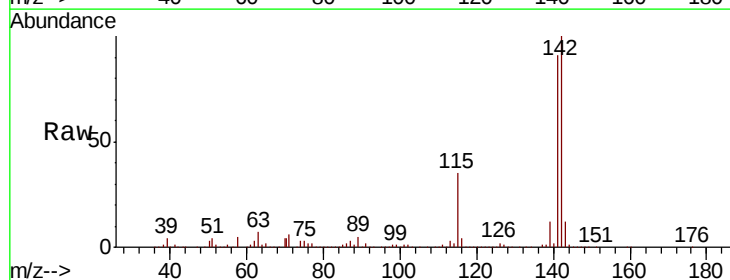
Tgt Ion:142 Resp: 443680

Ion Ratio Lower Upper

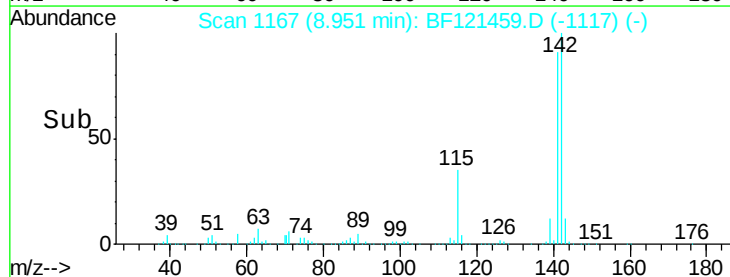
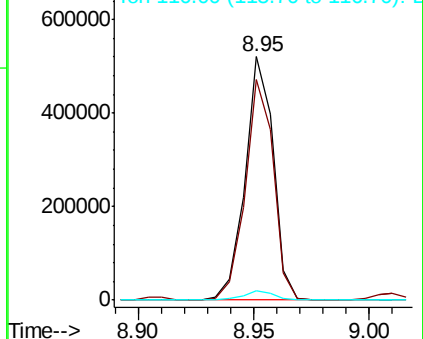
142 100

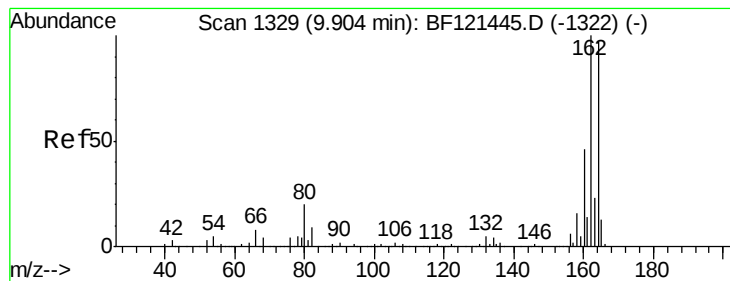
141 90.7 73.7 110.5

116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

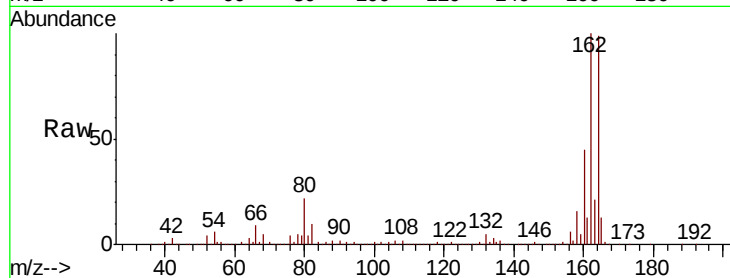
Tot Ion:164 Resp: 641504

Ion Ratio Lower Upper

164 100

162 100.7 82.4 123.6

160 45.5 37.6 56.4

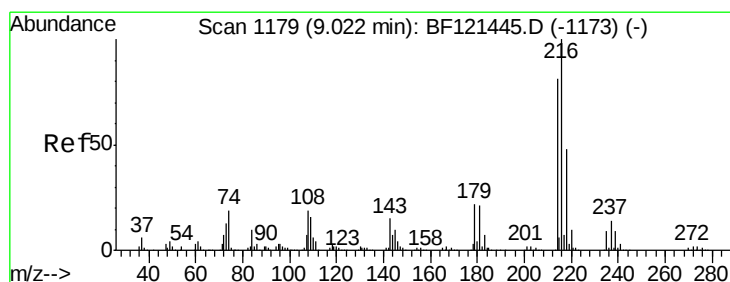
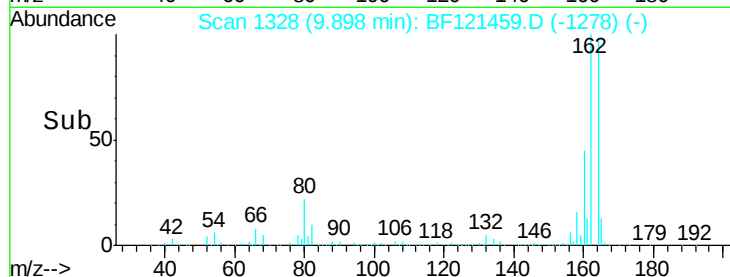
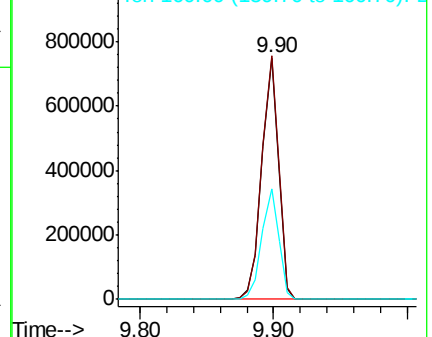


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.971 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Tgt Ion:216 Resp: 189611

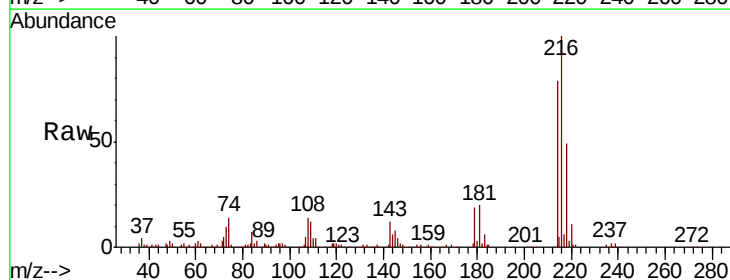
Ion Ratio Lower Upper

216 100

214 78.2 64.2 96.4

179 20.5 17.0 25.4

108 19.0 15.3 22.9



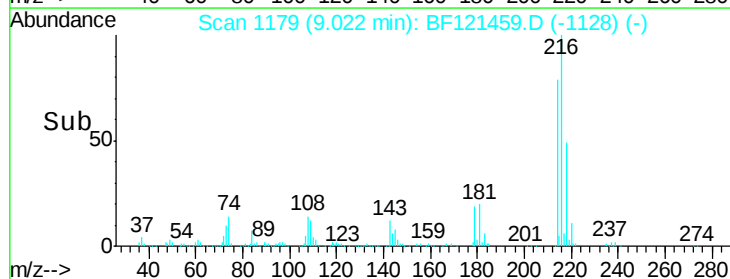
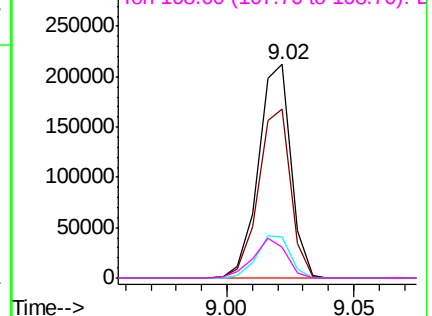
Abundance

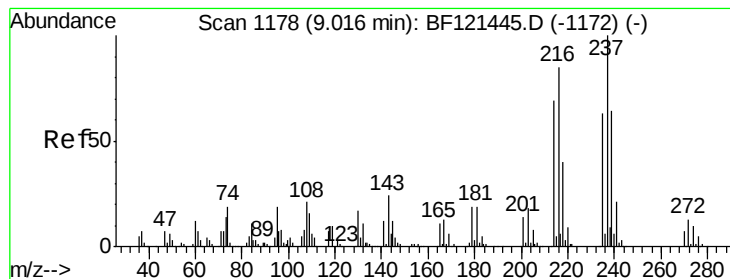
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.845 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

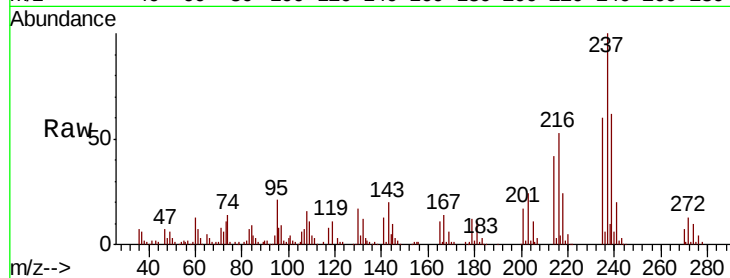
Tot Ion:237 Resp: 94724

Ion Ratio Lower Upper

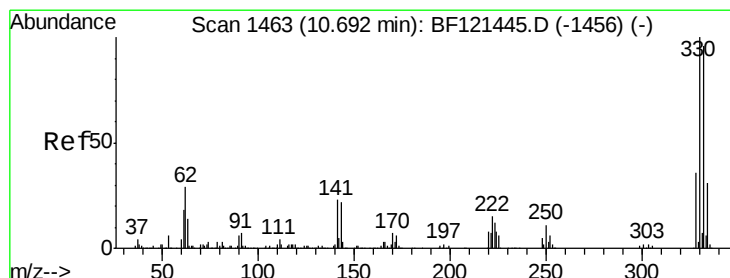
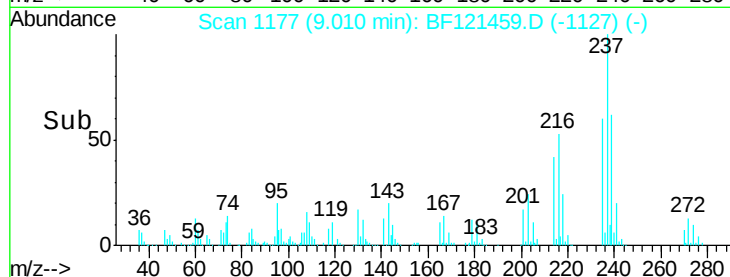
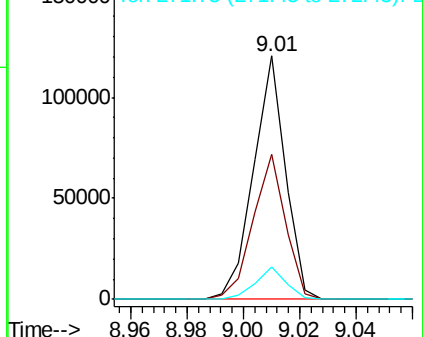
237 100

235 59.6 42.9 82.9

272 13.1 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 17.425 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

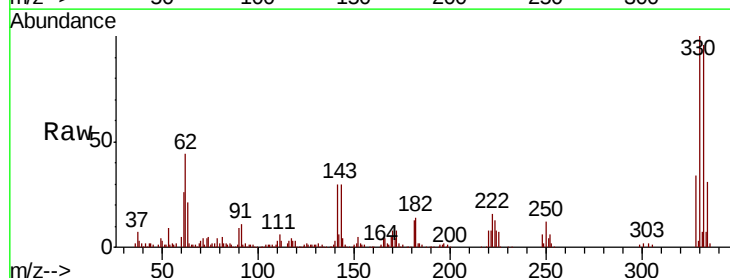
Tgt Ion:330 Resp: 112906

Ion Ratio Lower Upper

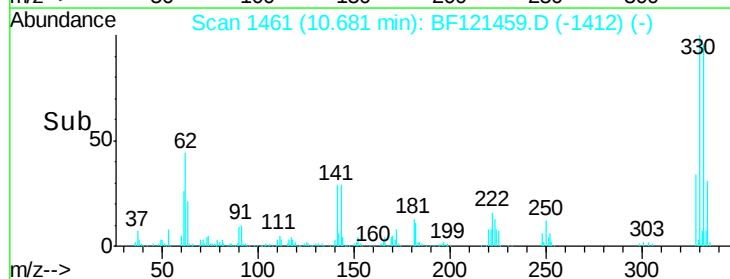
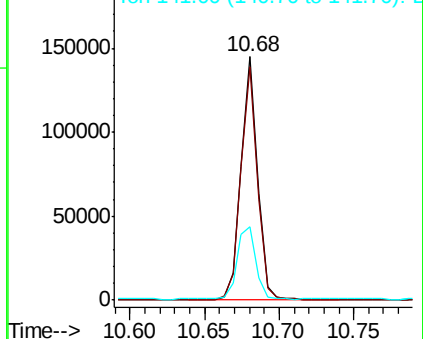
330 100

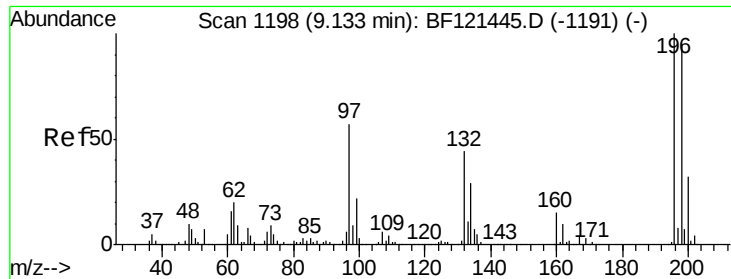
332 95.8 76.2 114.2

141 34.3 24.6 36.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

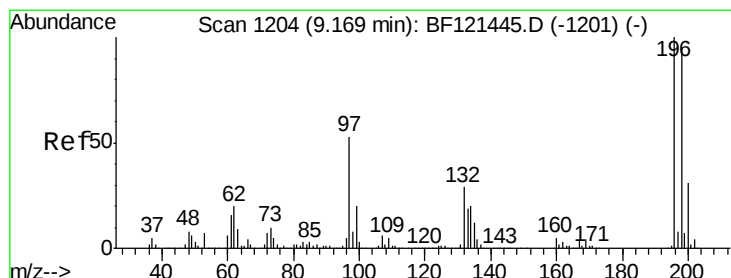
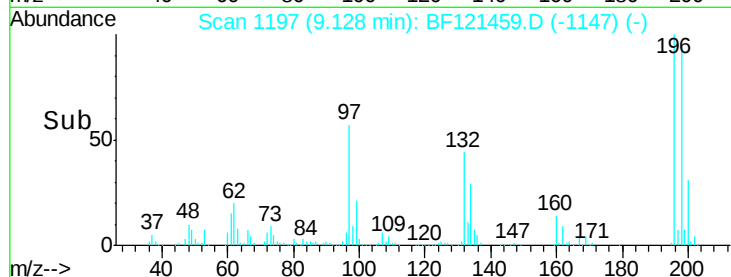
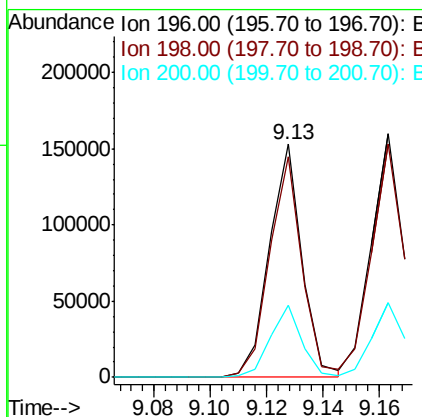
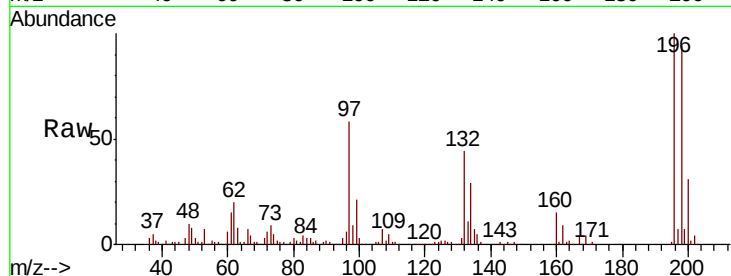




#43
 2,4,6-Trichlorophenol
 Concen: 10.182 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

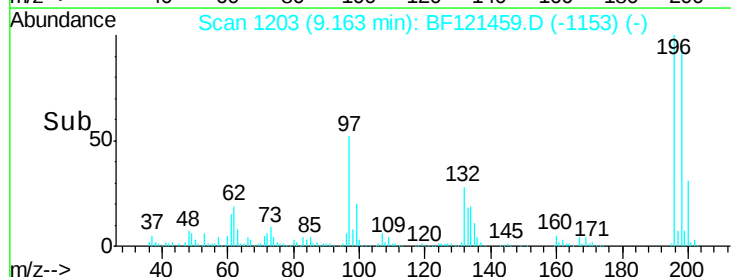
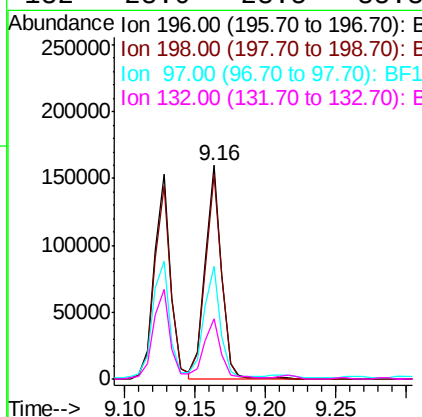
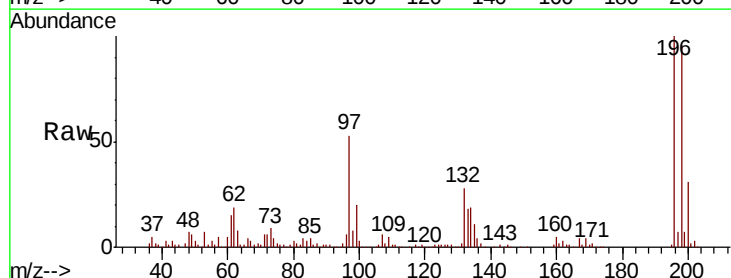
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

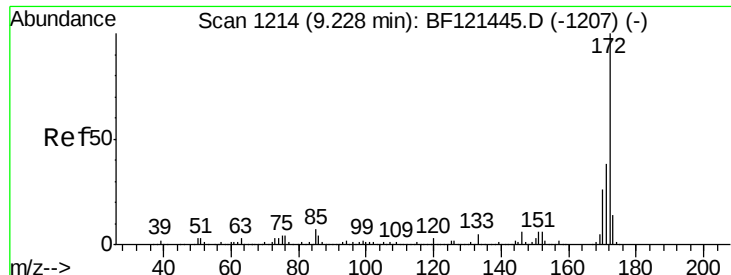
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.8	113.6
200	30.9	25.3	37.9



#44
 2,4,5-Trichlorophenol
 Concen: 10.859 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.2
97	52.9	42.6	64.0
132	28.0	23.5	35.3

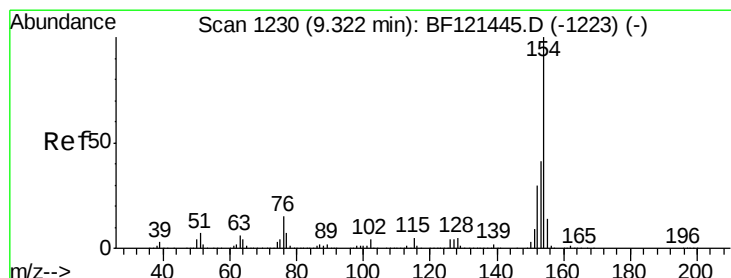
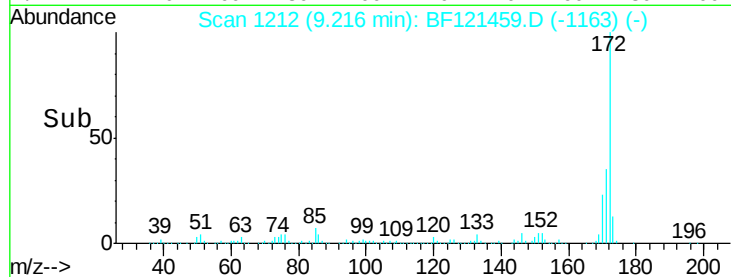
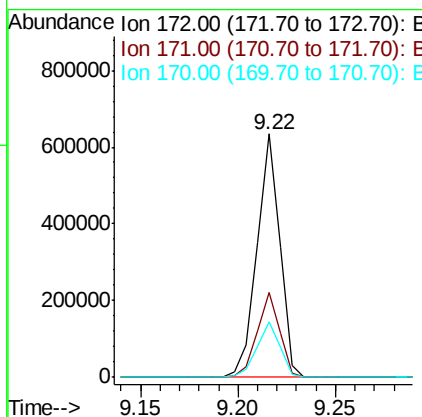
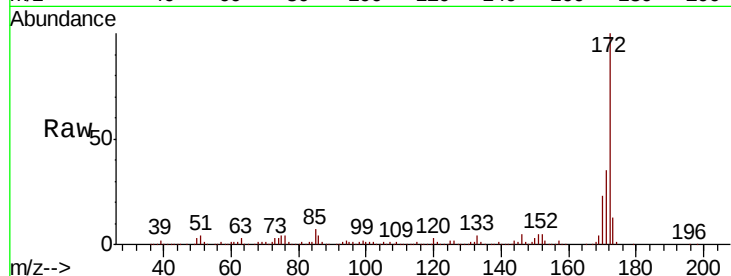




#45
 2-Fluorobiphenyl
 Concen: 12.915 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

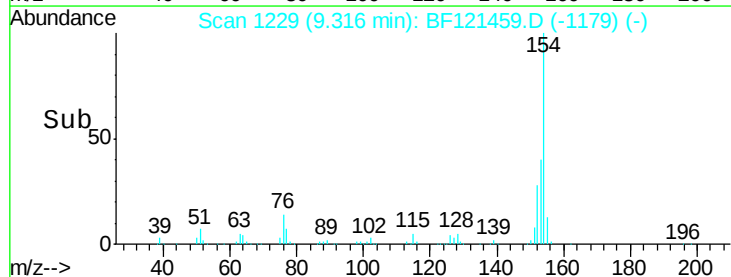
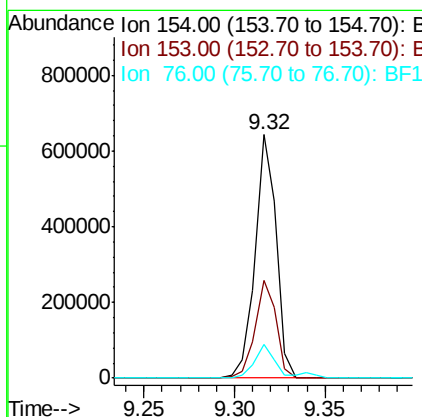
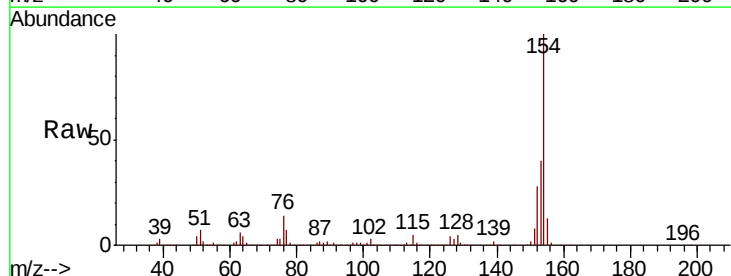
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

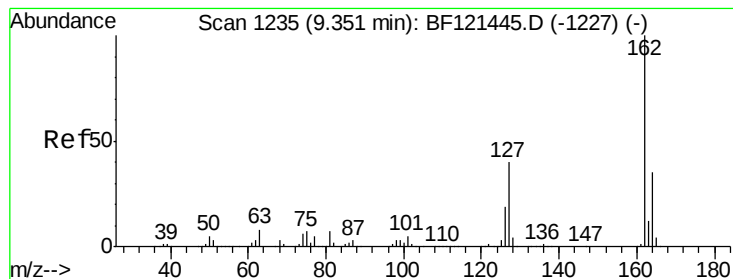
Tot Ion:172	Resp:	513488
Ion	Ratio	Lower Upper
172	100	
171	34.8	30.6 45.8
170	22.9	20.6 31.0



#46
 1,1'-Biphenyl
 Concen: 10.706 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion:154	Resp:	518242
Ion	Ratio	Lower Upper
154	100	
153	40.0	21.2 61.2
76	14.0	0.0 35.2





#47

2-Chloronaphthalene

Concen: 9.456 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

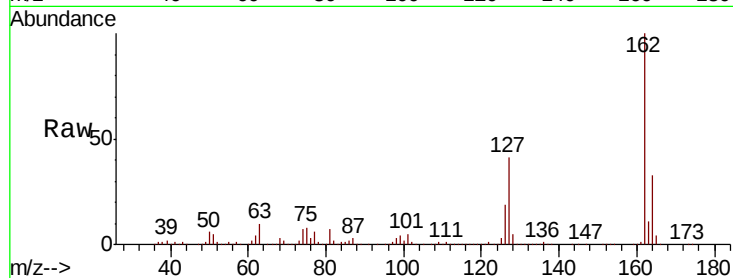
Tot Ion:162 Resp: 376242

Ion Ratio Lower Upper

162 100

127 41.1 32.6 48.8

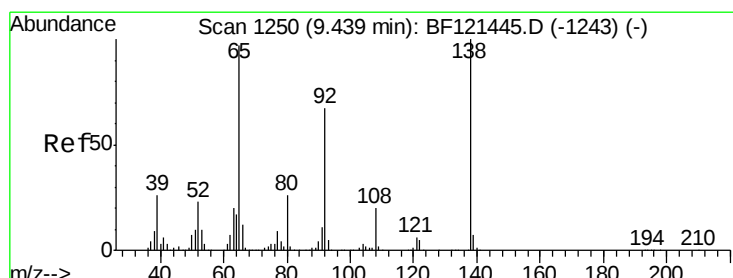
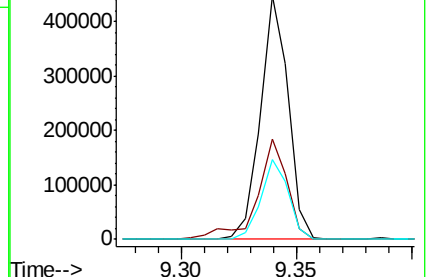
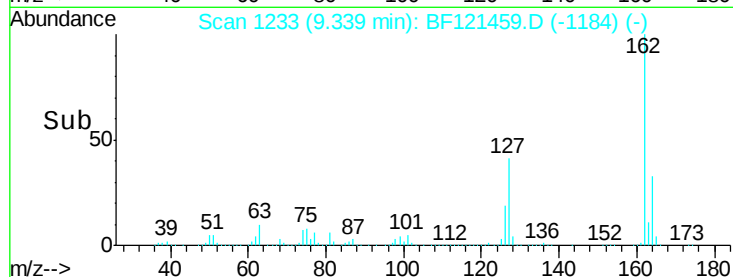
164 32.7 27.8 41.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 15.047 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

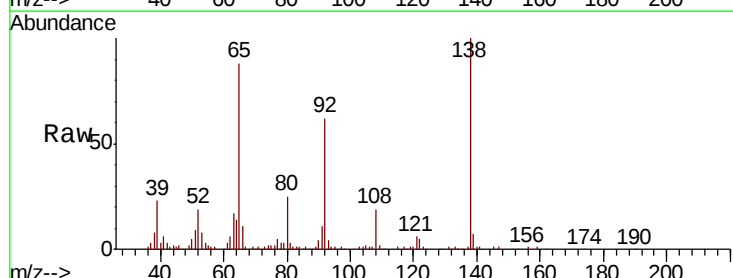
Tgt Ion: 65 Resp: 108876

Ion Ratio Lower Upper

65 100

92 70.8 55.6 83.4

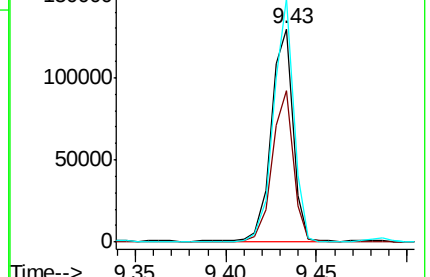
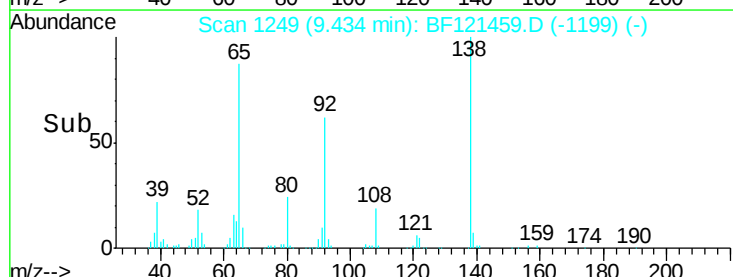
138 114.1 82.9 124.3

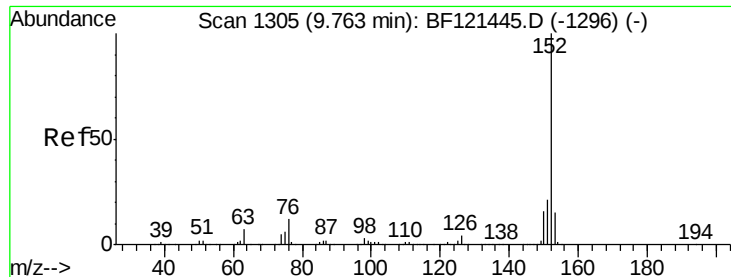


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.886 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

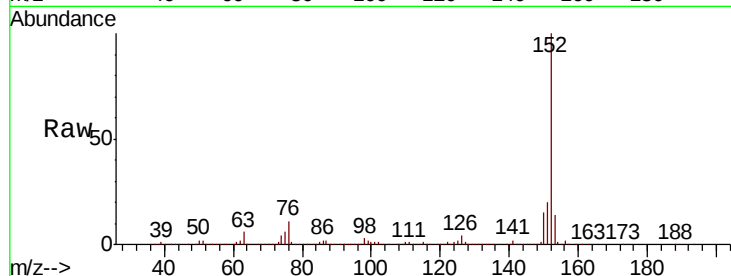
Tot Ion:152 Resp: 649676

Ion Ratio Lower Upper

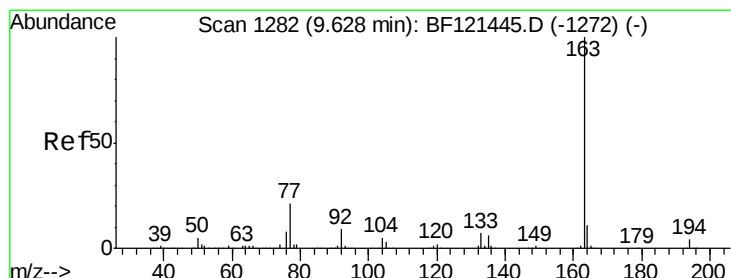
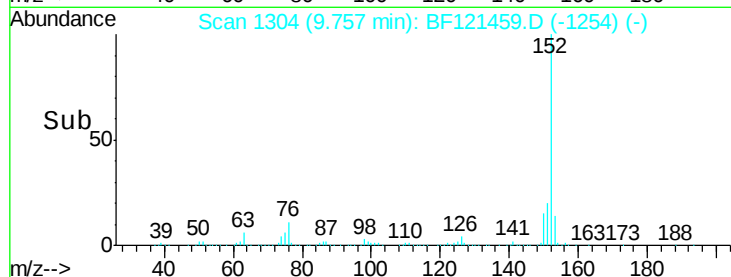
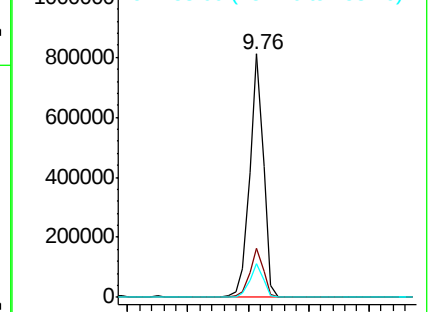
152 100

151 20.1 17.2 25.8

153 13.7 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 11.094 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

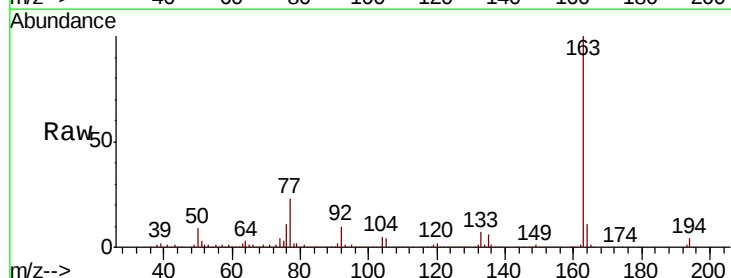
Tgt Ion:163 Resp: 488857

Ion Ratio Lower Upper

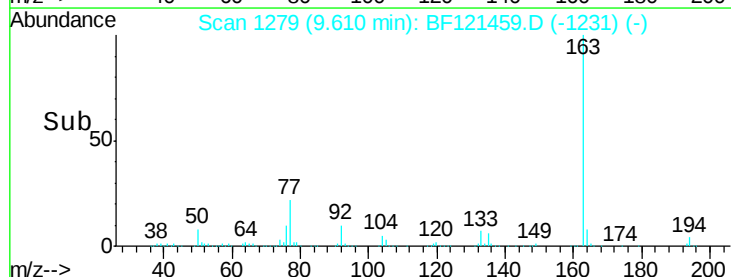
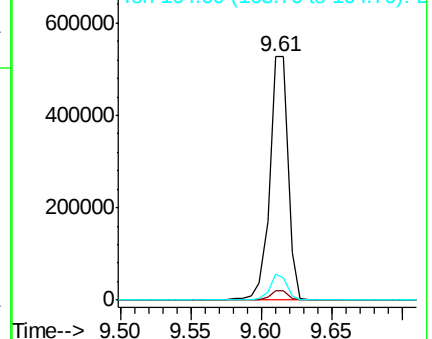
163 100

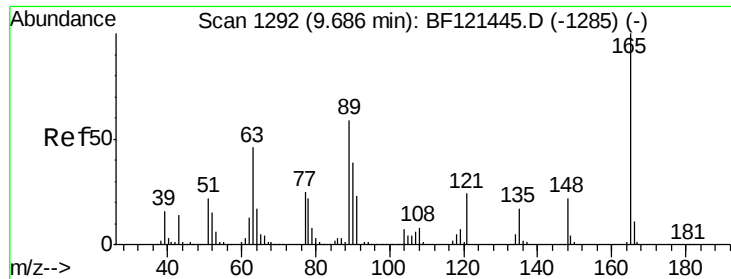
194 3.7 3.3 4.9

164 10.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

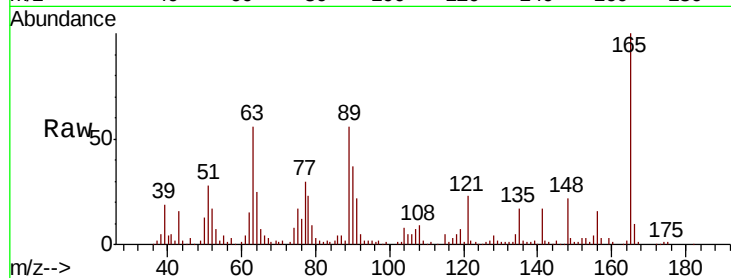




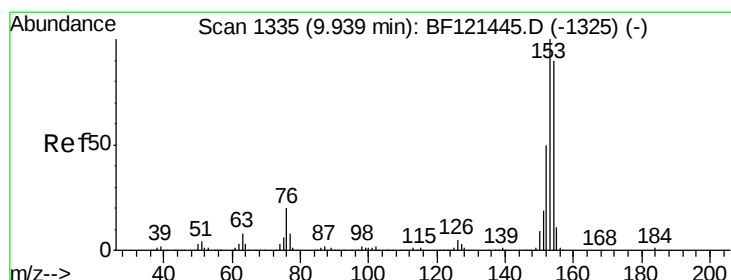
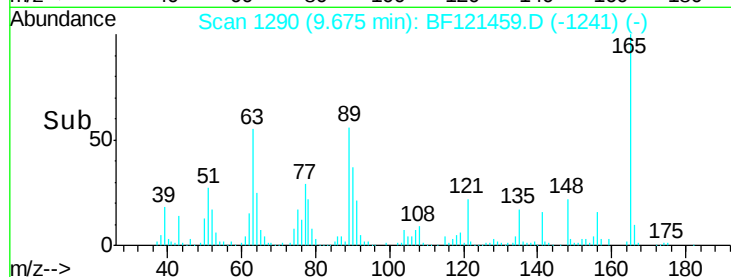
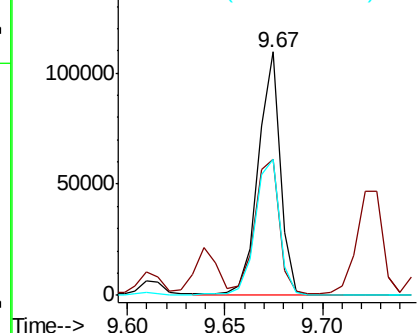
#51
2,6-Dinitrotoluene
Concen: 15.475 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

Tot Ion:165 Resp: 86342
Ion Ratio Lower Upper
165 100
63 55.9 43.6 65.4
89 56.0 47.4 71.2

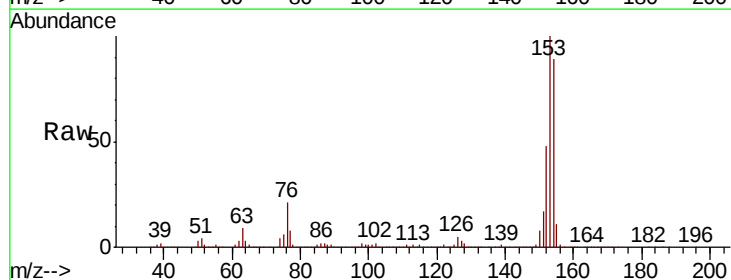


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

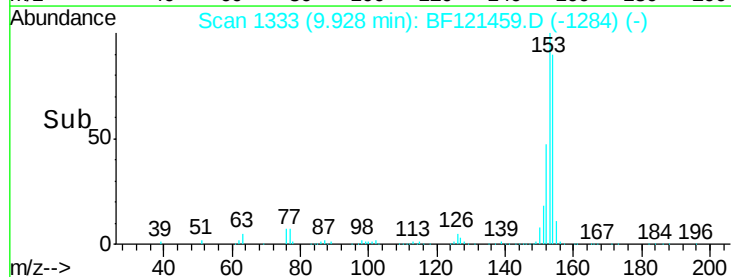
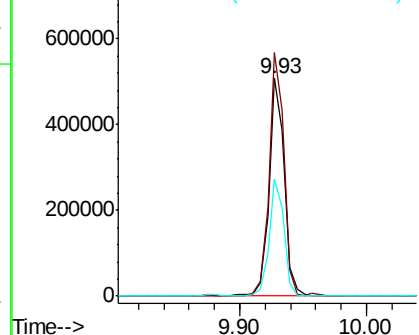


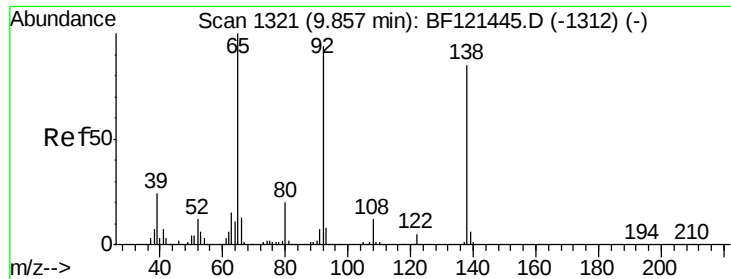
#52
Acenaphthene
Concen: 11.367 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion:154 Resp: 428380
Ion Ratio Lower Upper
154 100
153 111.8 88.9 133.3
152 53.6 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

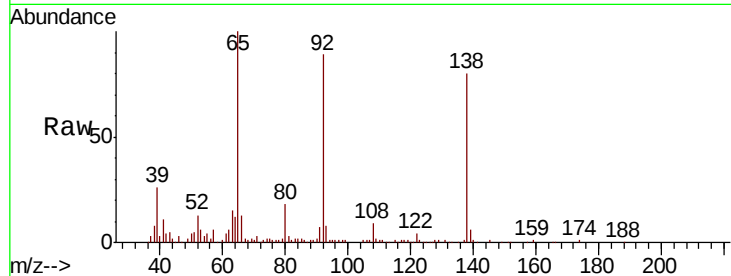




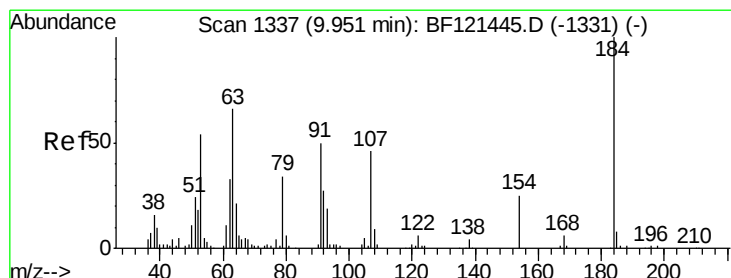
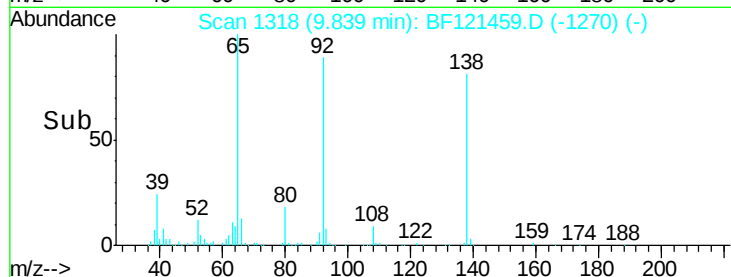
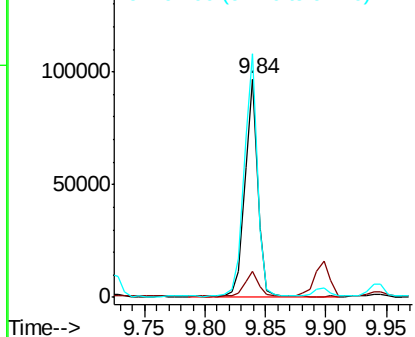
#53
3-Nitroaniline
Concen: 11.699 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

Tot Ion:138 Resp: 74161
Ion Ratio Lower Upper
138 100
108 11.8 11.6 17.4
92 111.7 88.6 132.8

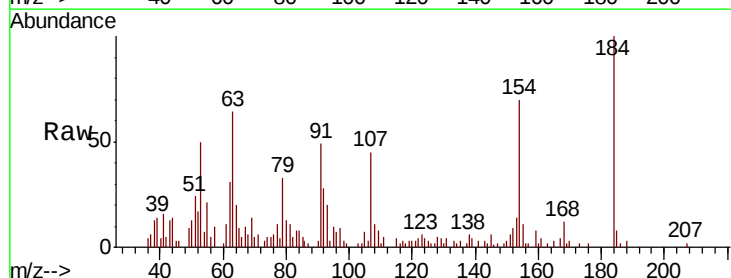


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

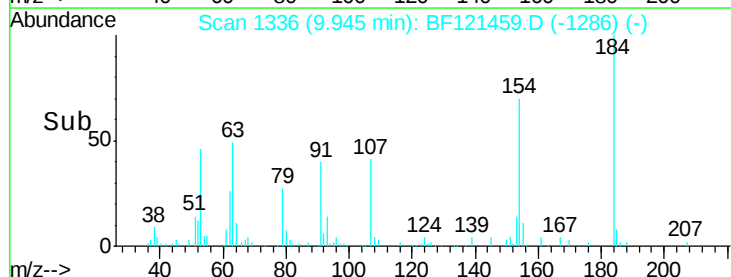
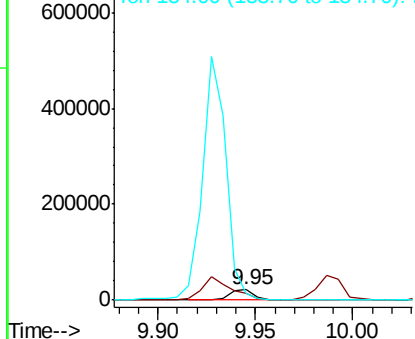


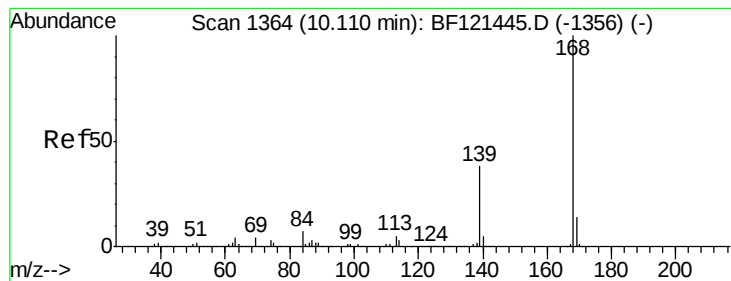
#54
2,4-Dinitrophenol
Concen: 16.427 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion:184 Resp: 18758
Ion Ratio Lower Upper
184 100
63 64.1 56.8 85.2
154 70.1 55.9 83.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 11.191 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

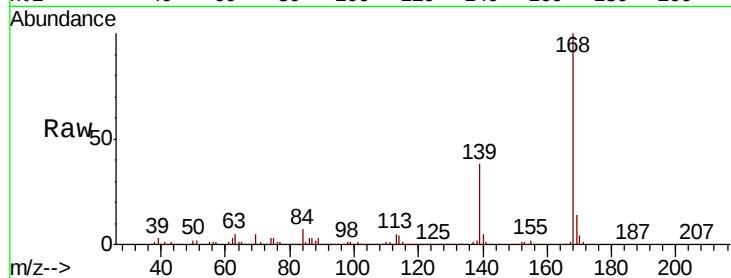
Tot Ion:168 Resp: 612604

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

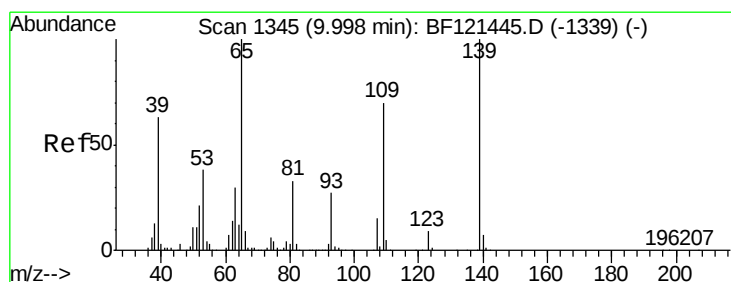
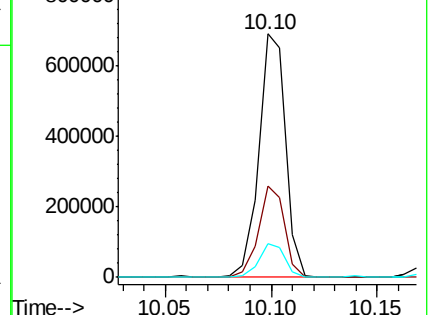
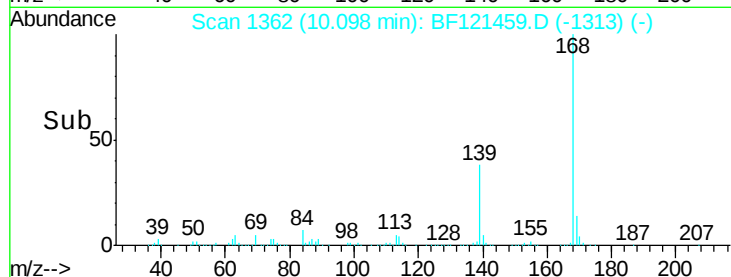
169 13.9 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 24.339 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

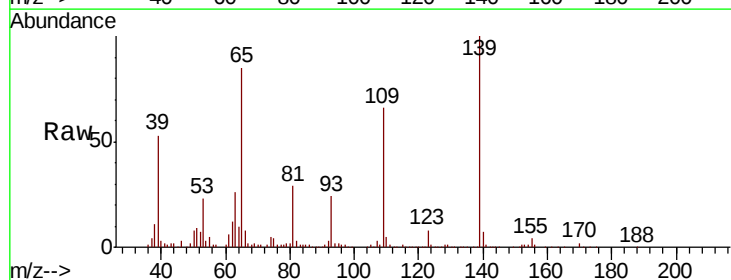
Tgt Ion:139 Resp: 155508

Ion Ratio Lower Upper

139 100

109 66.4 50.5 90.5

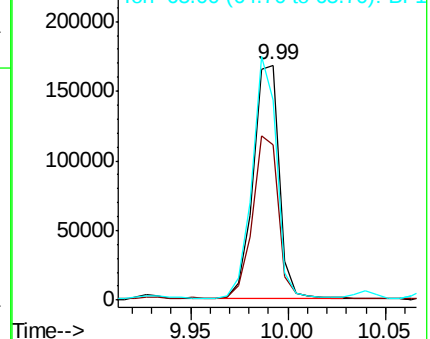
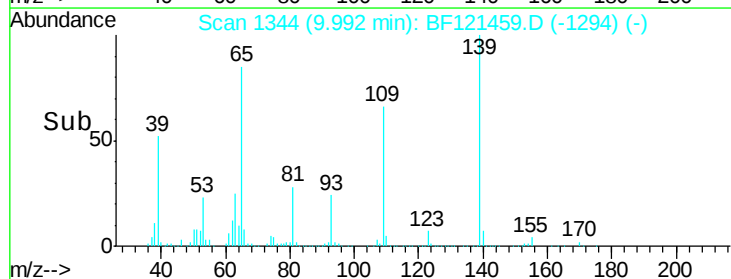
65 85.2 80.2 120.2

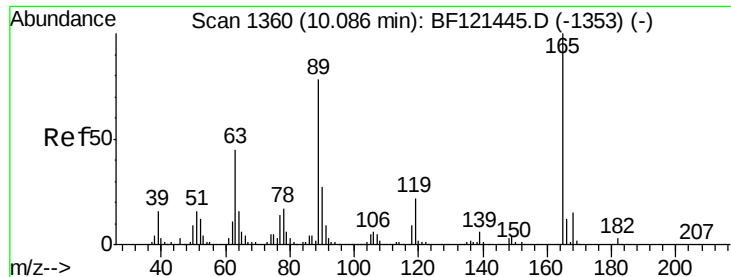


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

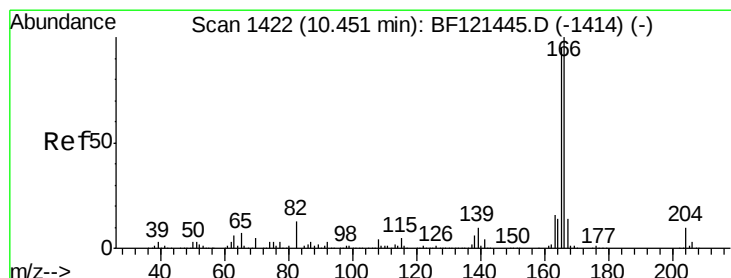
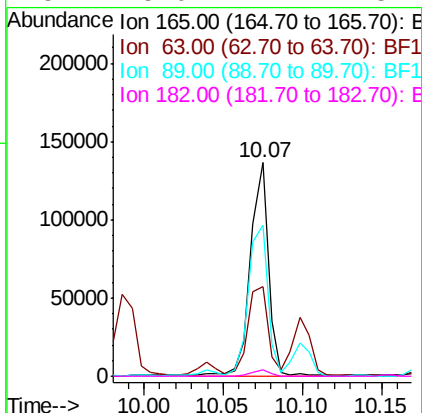
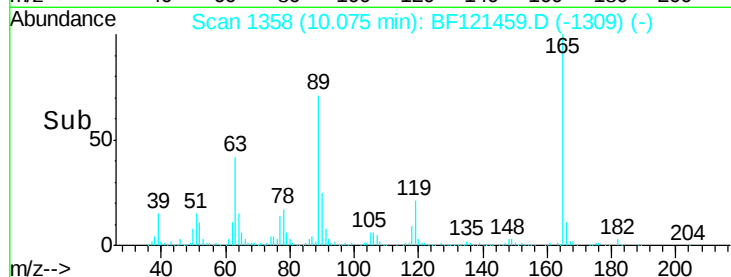
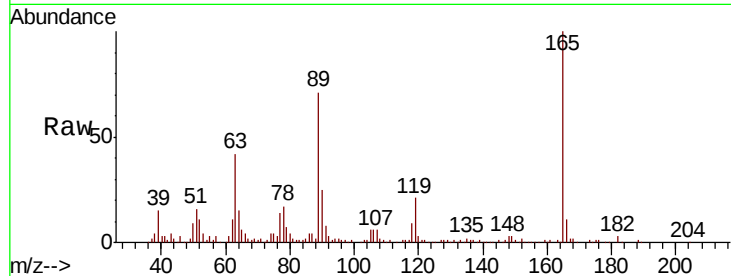




#57
 2,4-Dinitrotoluene
 Concen: 16.160 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

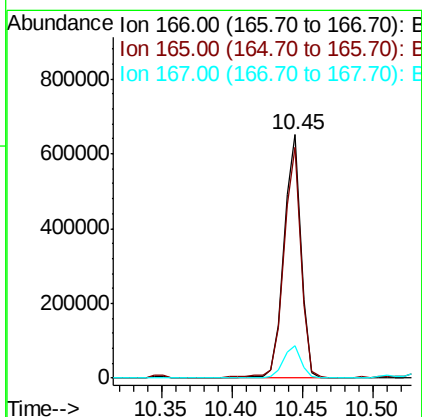
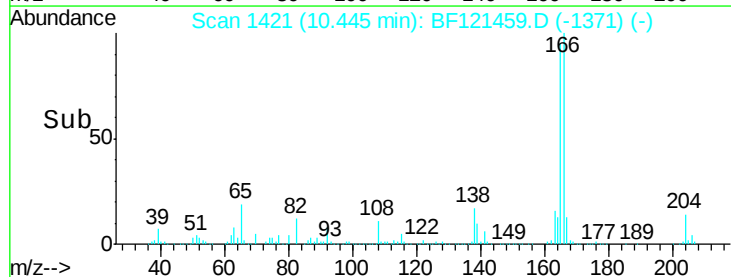
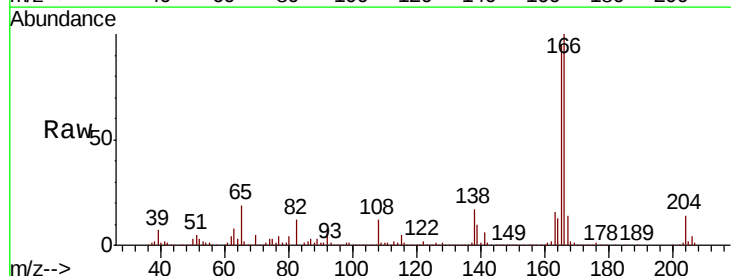
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

Tot Ion:	165	Resp:	106460
Ion	Ratio	Lower	Upper
165	100		
63	41.8	36.0	54.0
89	71.0	62.6	93.8
182	3.0	2.2	3.2



#58
 Fluorene
 Concen: 13.214 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion:	166	Resp:	545298
Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.7	113.5
167	13.5	11.1	16.7

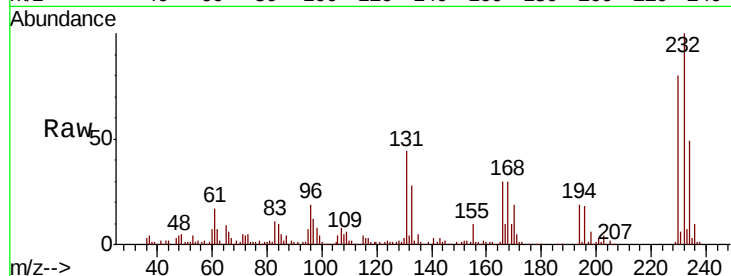




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.820 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	35.7	53.5
130	3.5	1.8	2.6
166	31.3	24.1	36.1



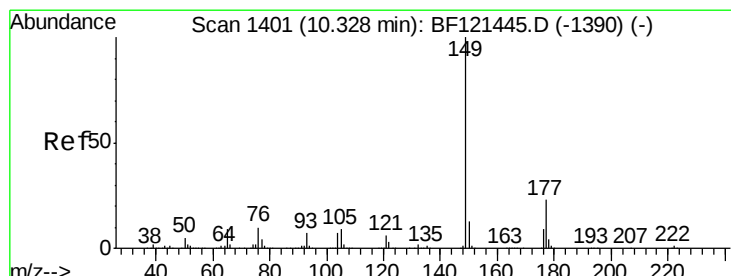
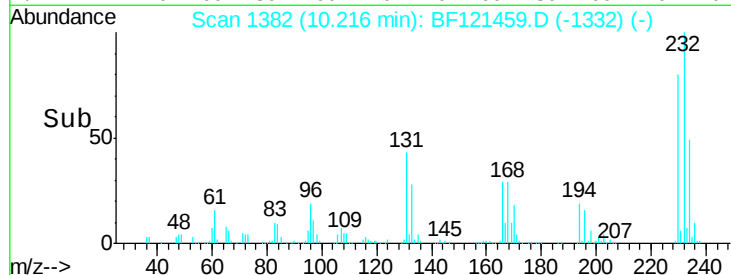
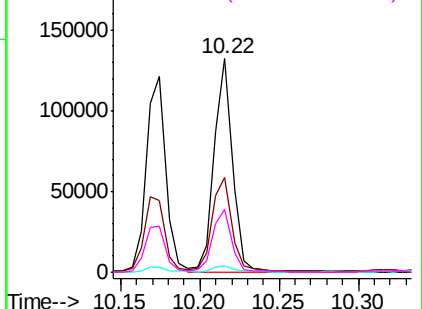
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

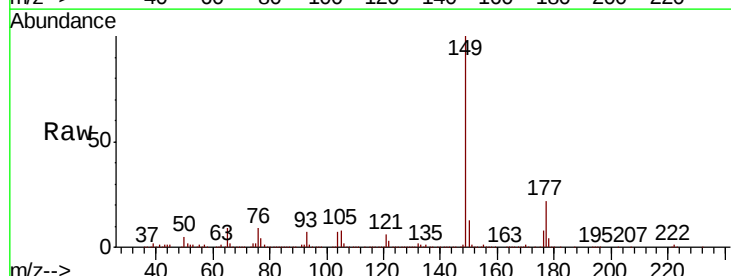
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 10.293 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.6	10.4	15.6

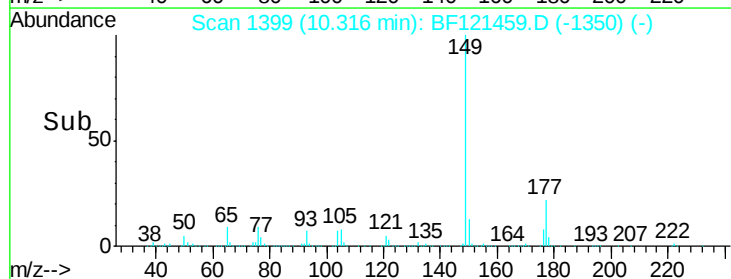
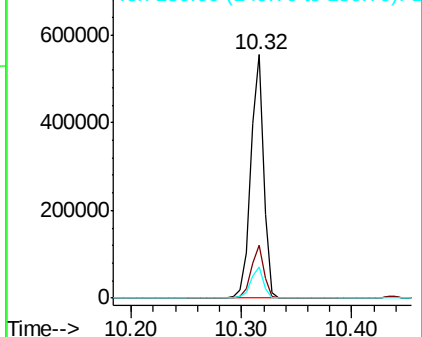


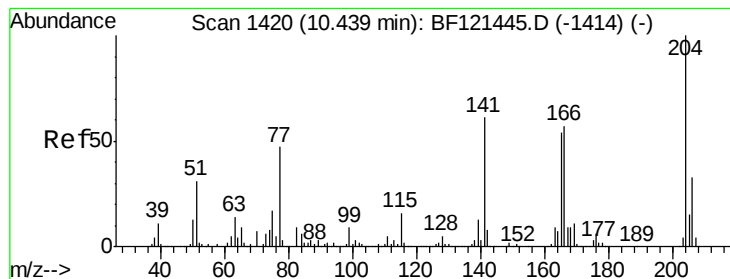
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 10.199 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

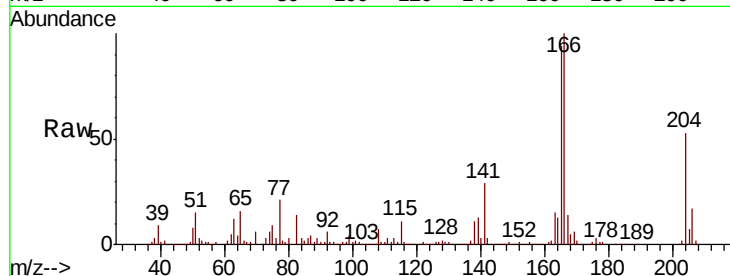
Tot Ion:204 Resp: 210875

Ion Ratio Lower Upper

204 100

206 32.4 26.3 39.5

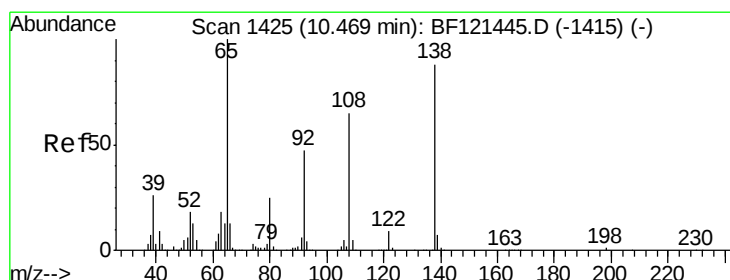
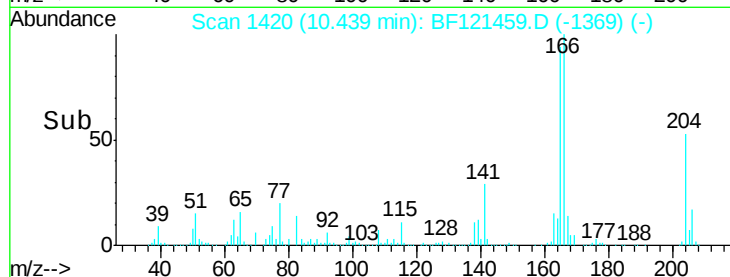
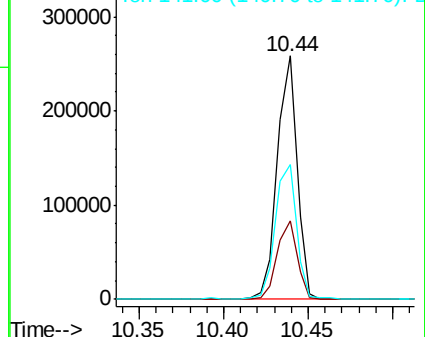
141 55.6 48.7 73.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 11.939 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

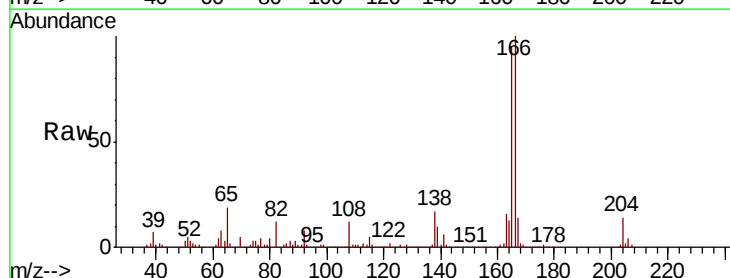
Tgt Ion:138 Resp: 88044

Ion Ratio Lower Upper

138 100

92 48.3 33.2 73.2

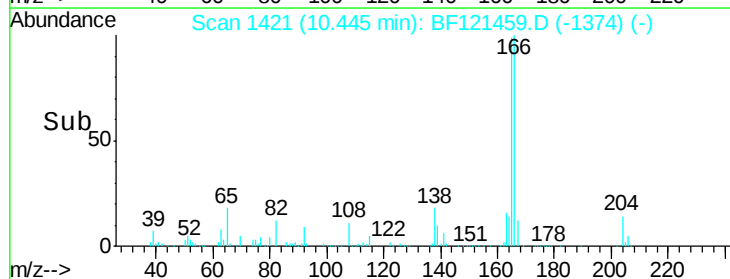
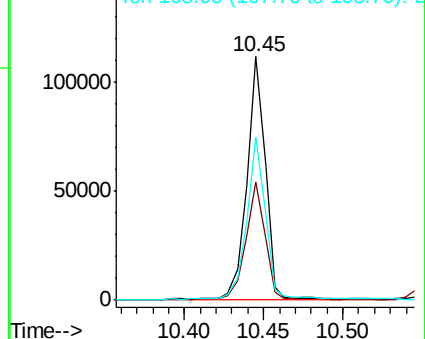
108 67.0 53.6 93.6

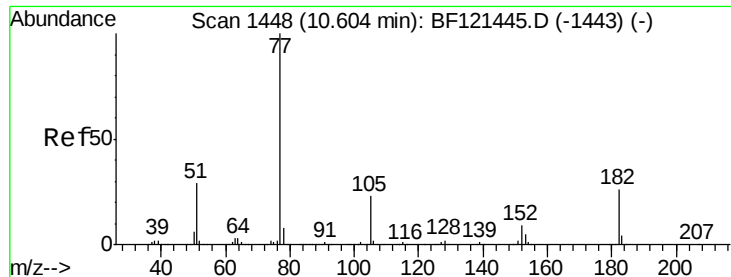


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 10.139 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

Tot Ion: 77 Resp: 443871

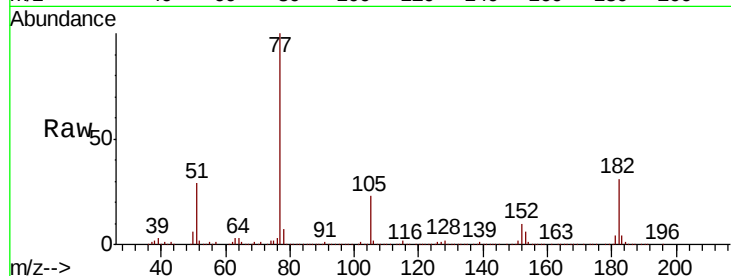
Ion Ratio Lower Upper

77 100

182 30.8 6.2 46.2

105 22.7 3.3 43.3

51 28.7 9.5 49.5

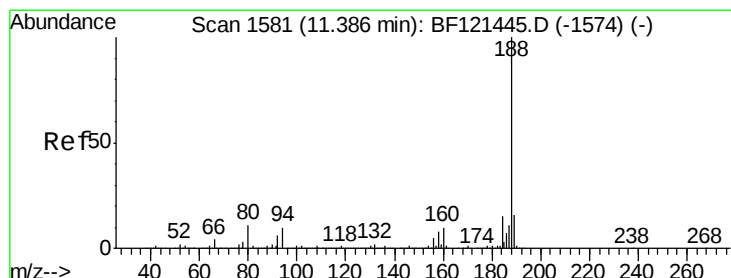
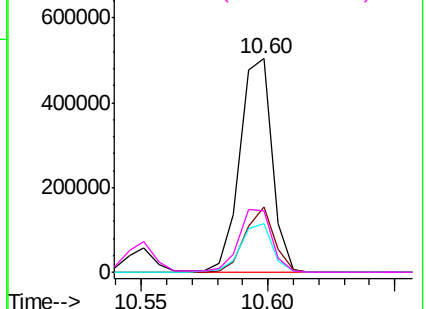
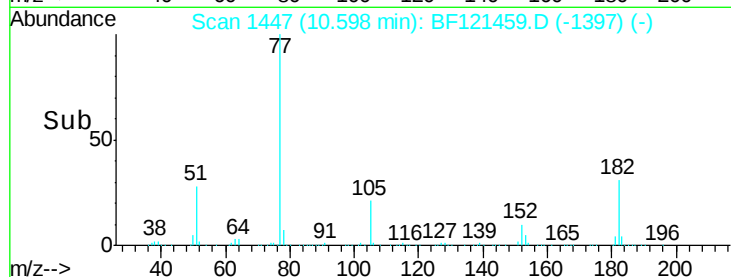


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

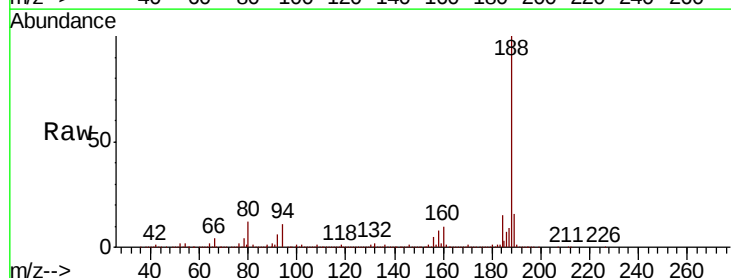
Tgt Ion: 188 Resp: 1210210

Ion Ratio Lower Upper

188 100

94 11.0 8.3 12.5

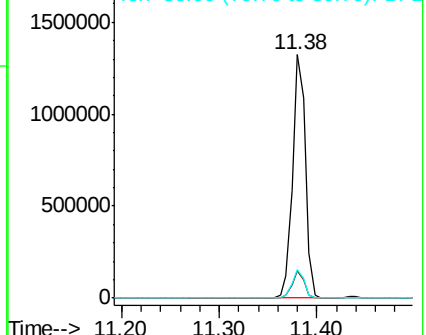
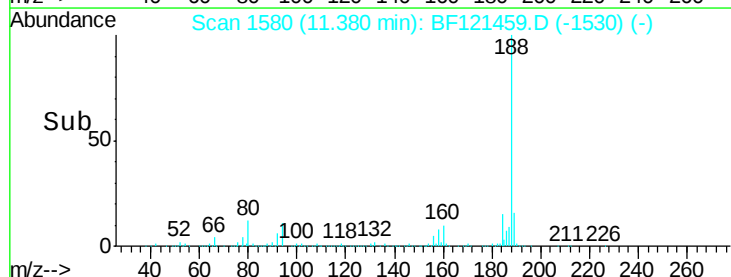
80 11.9 8.6 13.0

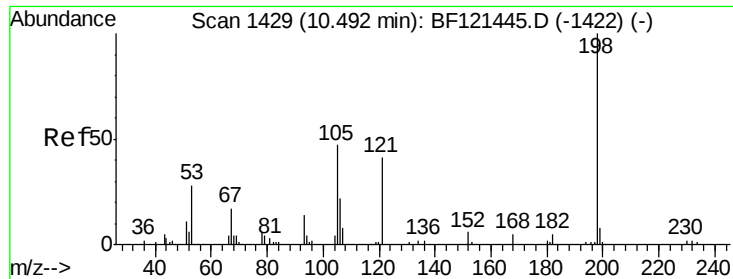


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 13.283 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

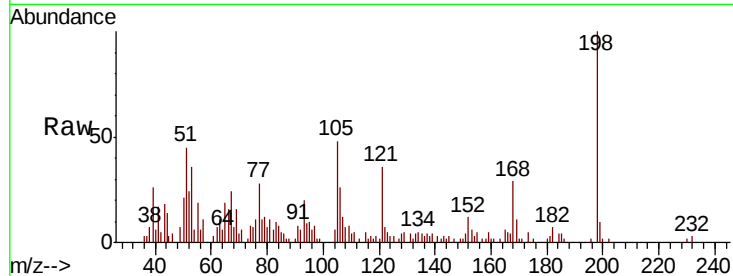
Tot Ion:198 Resp: 18198

Ion Ratio Lower Upper

198 100

51 44.7 29.0 69.0

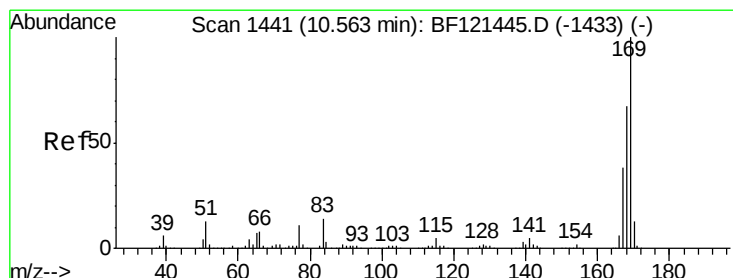
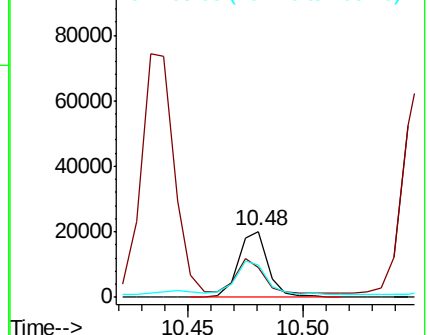
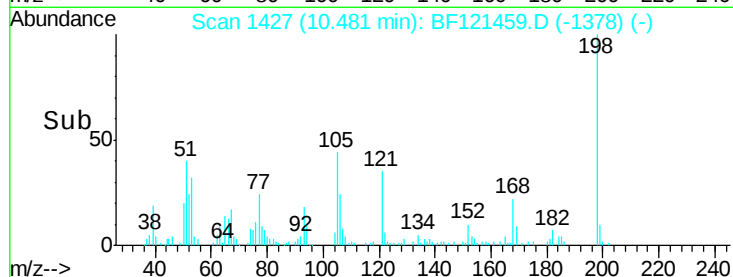
105 48.5 29.1 69.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 9.981 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

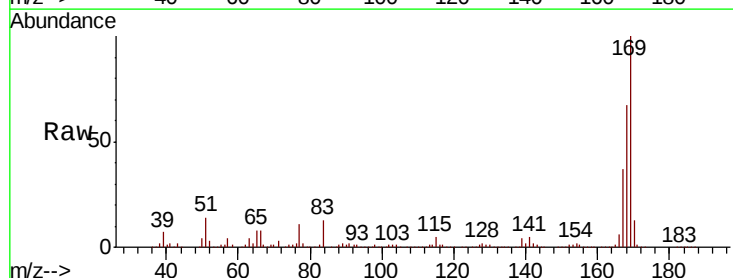
Tgt Ion:169 Resp: 382039

Ion Ratio Lower Upper

169 100

168 67.3 54.0 81.0

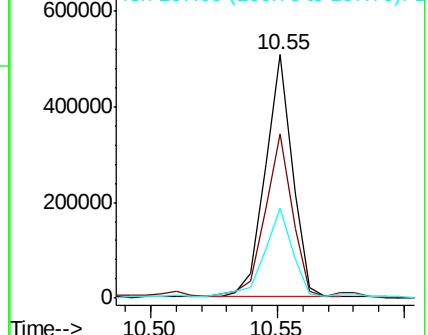
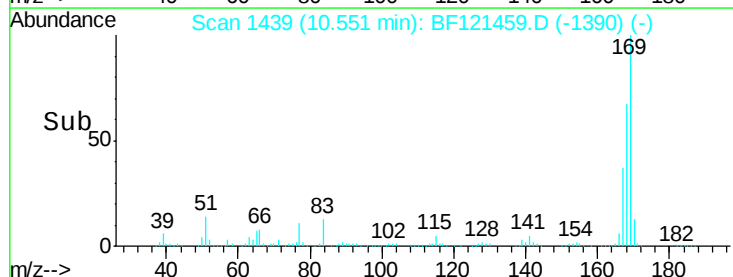
167 37.0 30.2 45.2

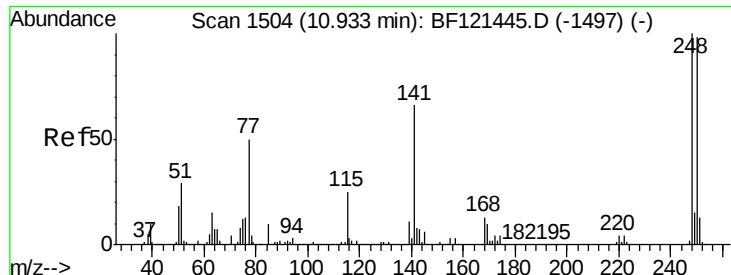


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

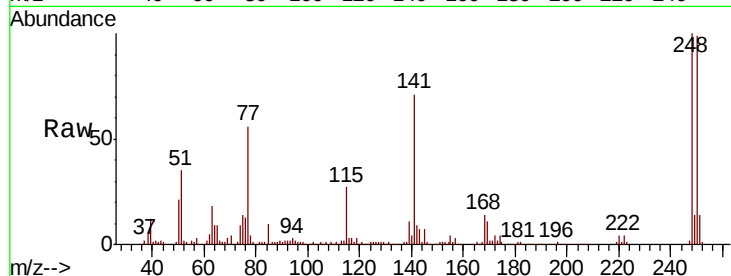




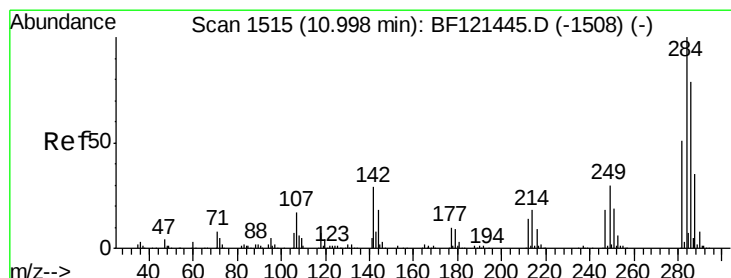
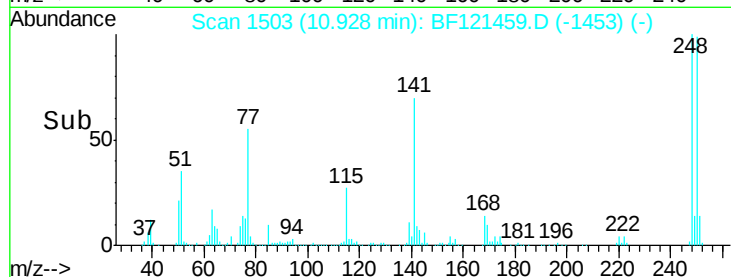
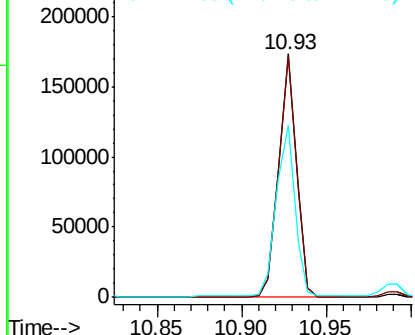
#67
4-Bromophenyl-phenylether
Concen: 9.560 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

Tot Ion:248 Resp: 127276
Ion Ratio Lower Upper
248 100
250 99.1 78.7 118.1
141 70.7 52.6 78.8

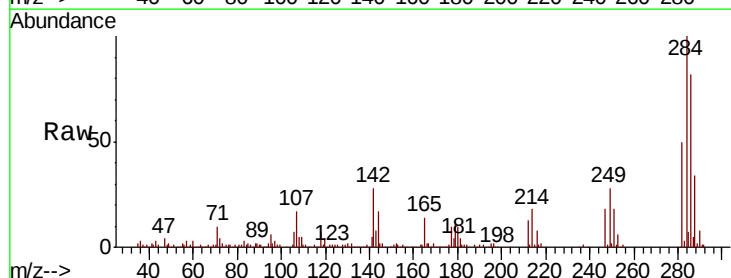


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

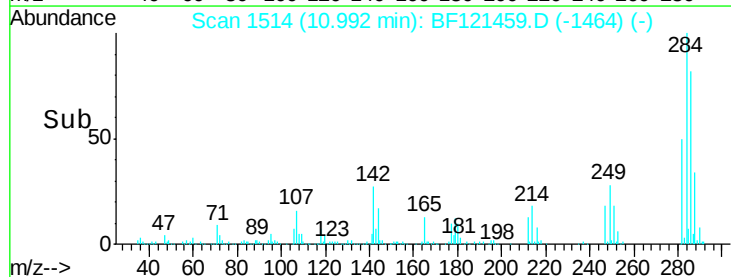
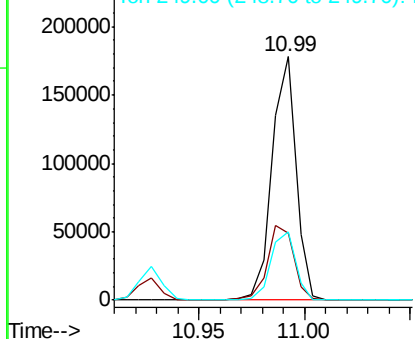


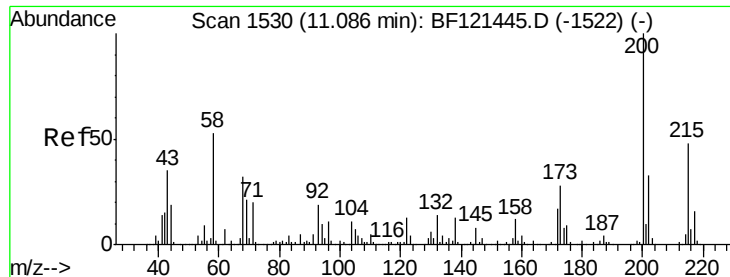
#68
Hexachlorobenzene
Concen: 9.064 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion:284 Resp: 141107
Ion Ratio Lower Upper
284 100
142 27.7 23.4 35.0
249 27.9 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 9.756 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

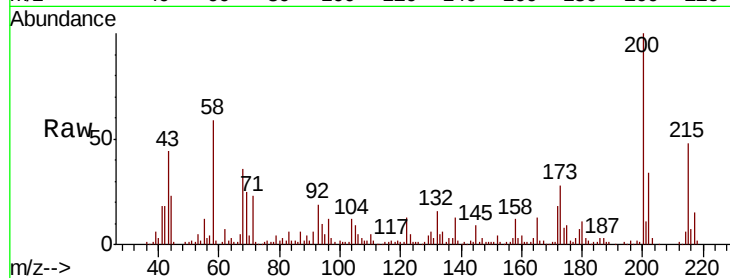
Tot Ion:200 Resp: 108302

Ion Ratio Lower Upper

200 100

173 28.5 8.1 48.1

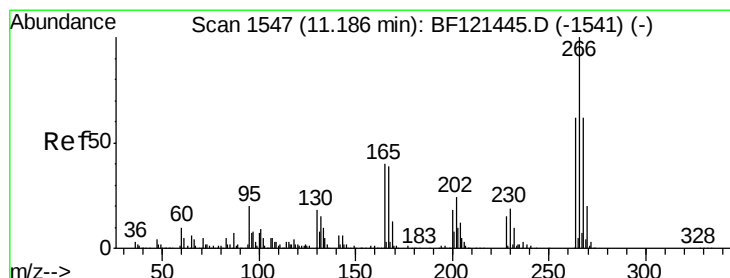
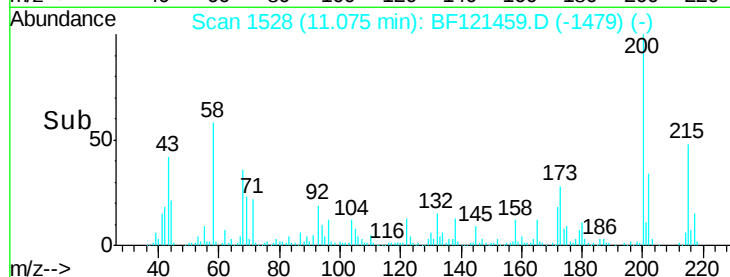
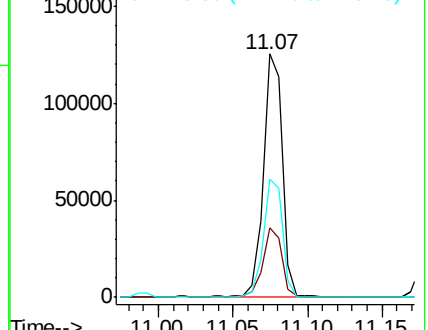
215 48.3 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 21.245 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

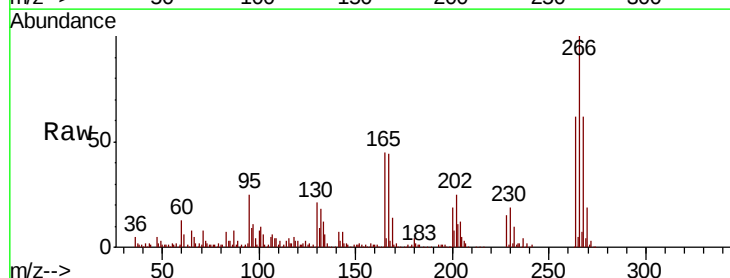
Tgt Ion:266 Resp: 151101

Ion Ratio Lower Upper

266 100

268 62.4 49.7 74.5

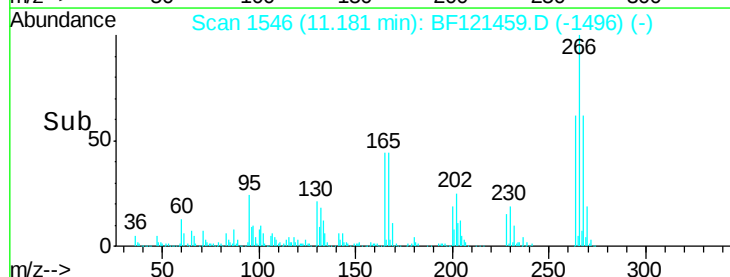
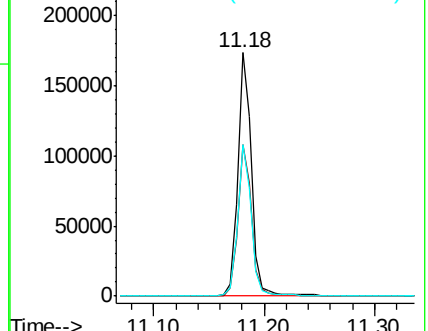
264 62.0 49.4 74.0

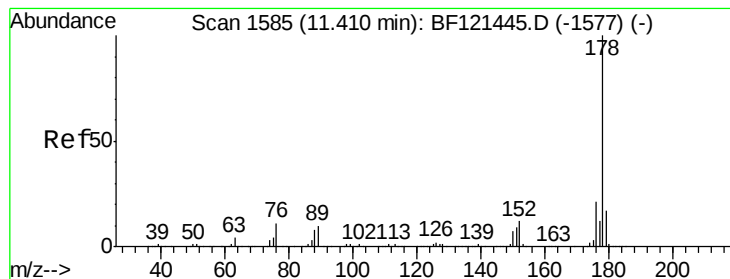


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 21.950 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

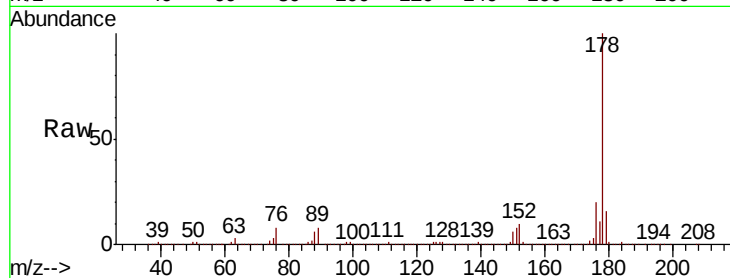
Tot Ion:178 Resp: 1363192

Ion Ratio Lower Upper

178 100

176 20.1 16.9 25.3

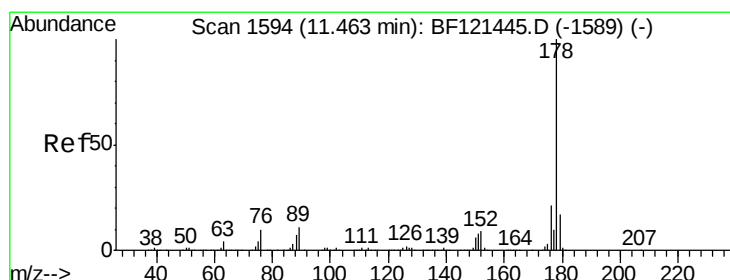
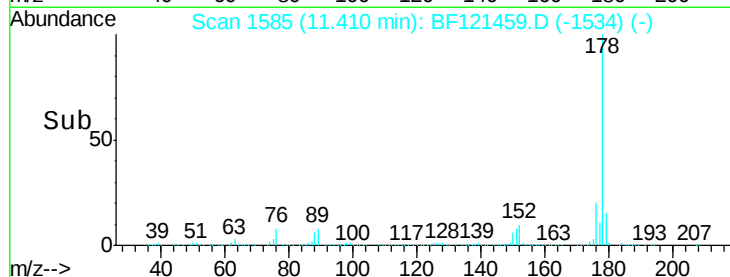
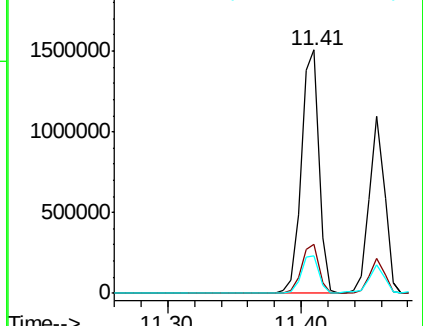
179 15.7 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 14.040 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

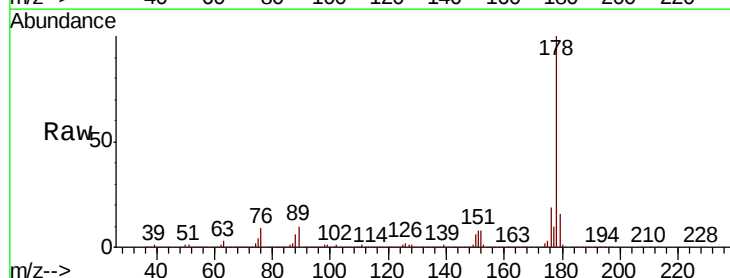
Tgt Ion:178 Resp: 857617

Ion Ratio Lower Upper

178 100

176 19.4 16.7 25.1

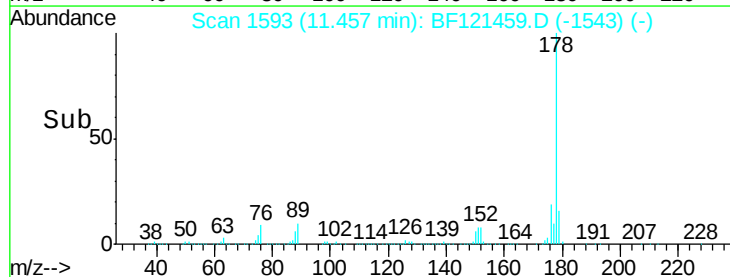
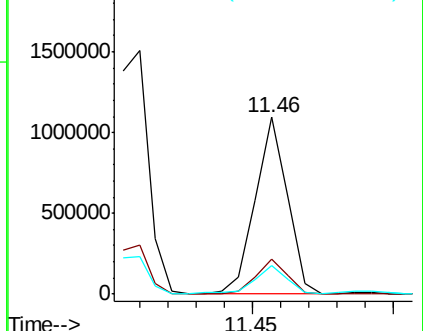
179 15.9 13.4 20.2

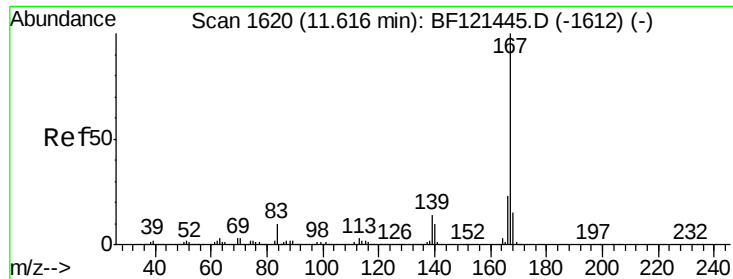


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

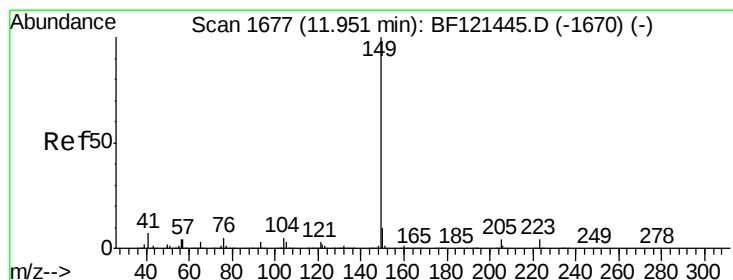
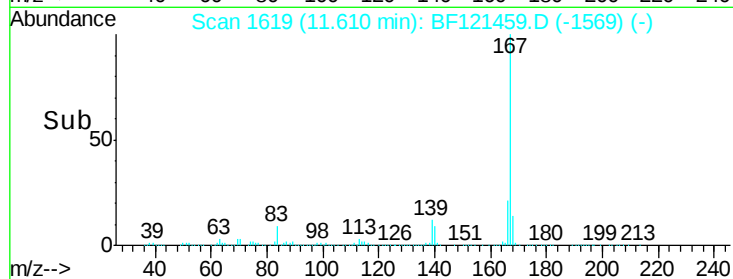
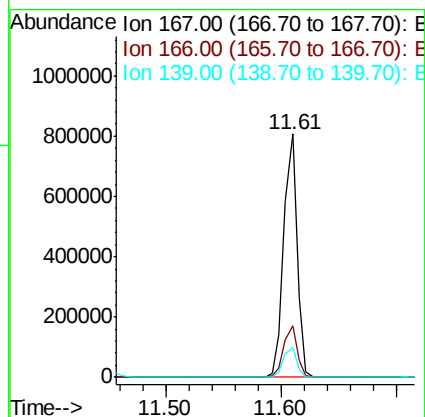
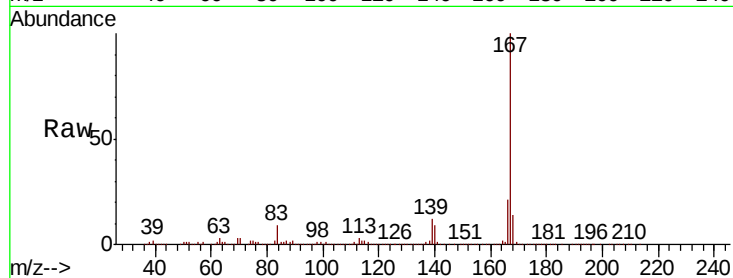




#73
 Carbazole
 Concen: 11.011 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

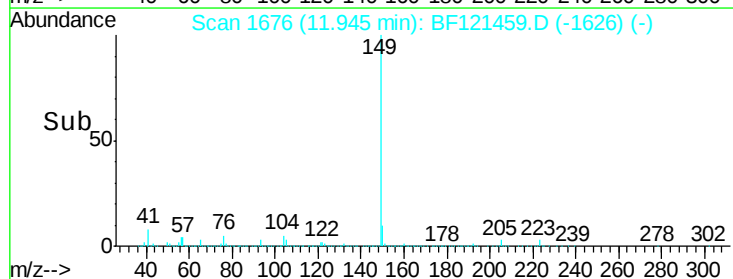
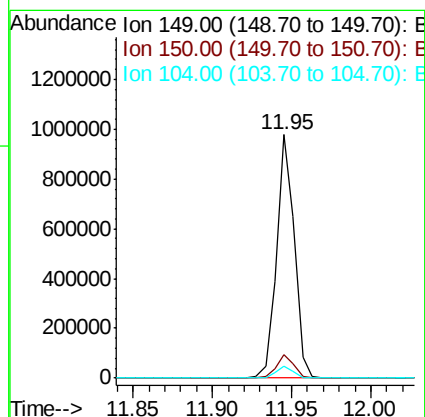
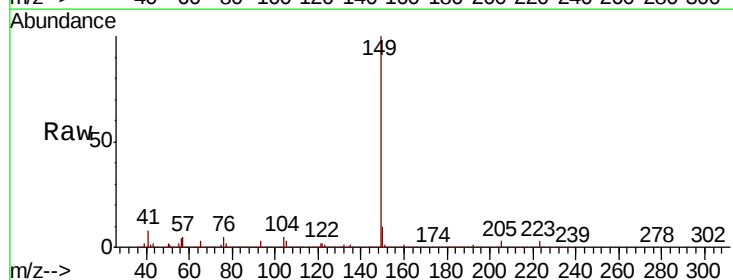
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

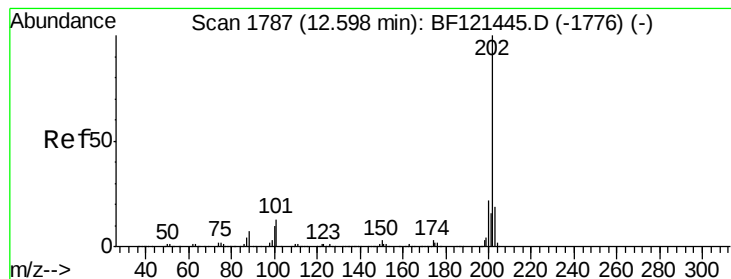
Tot Ion:167 Resp: 648558
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.4 27.6
 139 12.4 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 11.614 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion:149 Resp: 759971
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.2 12.2
 104 4.8 4.2 6.4





#75

Fluoranthene

Concen: 24.892 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

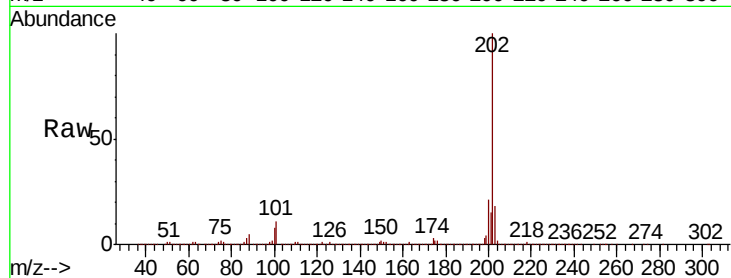
Tot Ion:202 Resp: 1666148

Ion Ratio Lower Upper

202 100

101 10.9 0.0 33.3

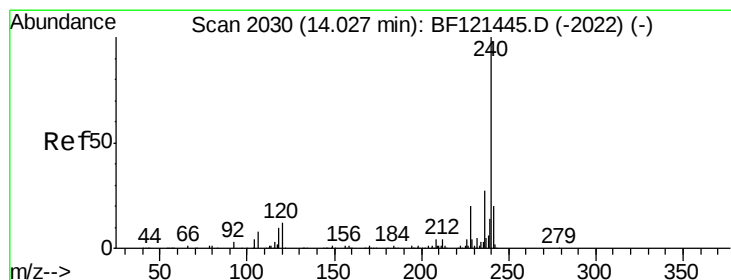
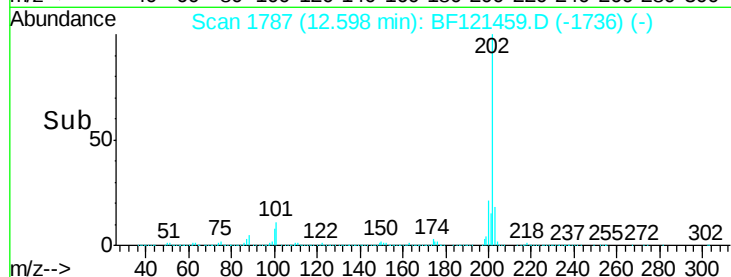
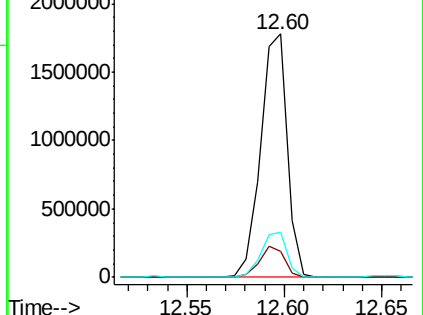
203 18.4 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

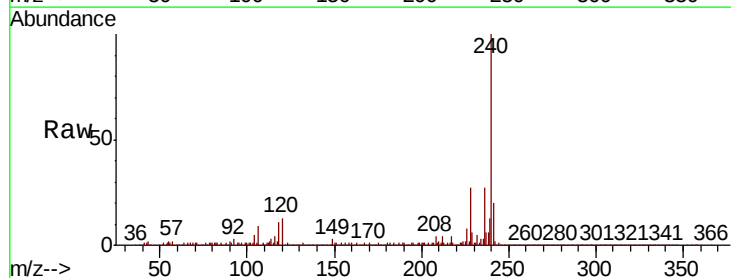
Tgt Ion:240 Resp: 813605

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

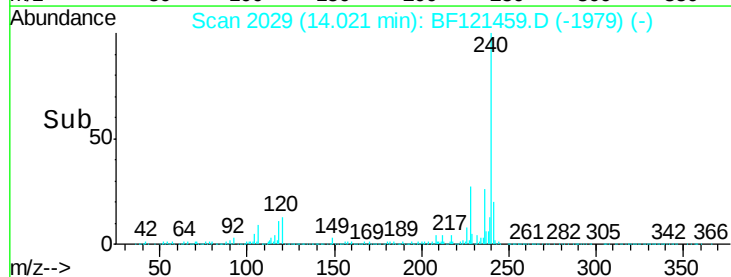
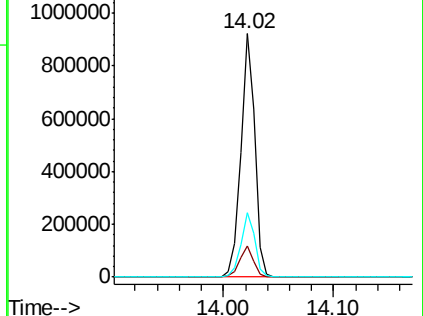
236 26.5 21.8 32.6

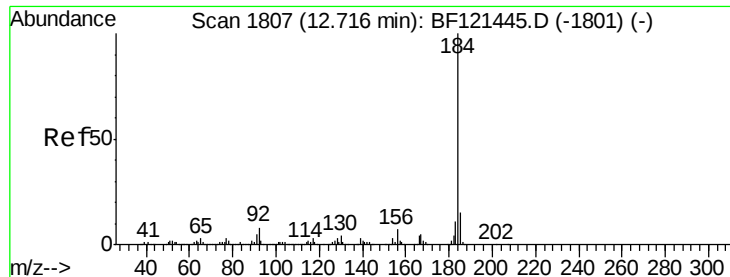


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.100 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

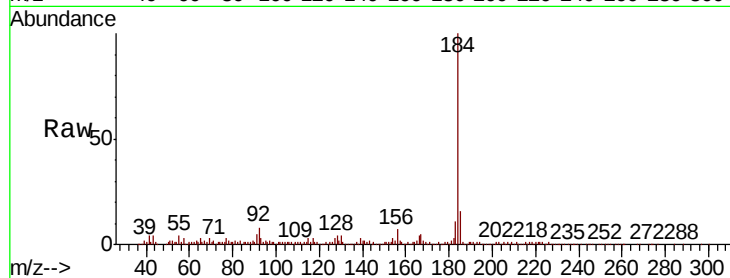
Tot Ion:184 Resp: 250190

Ion Ratio Lower Upper

184 100

185 15.9 12.1 18.1

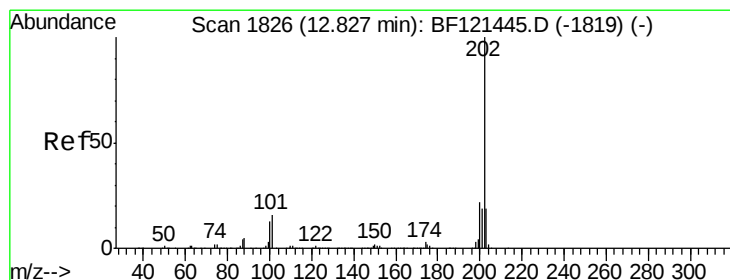
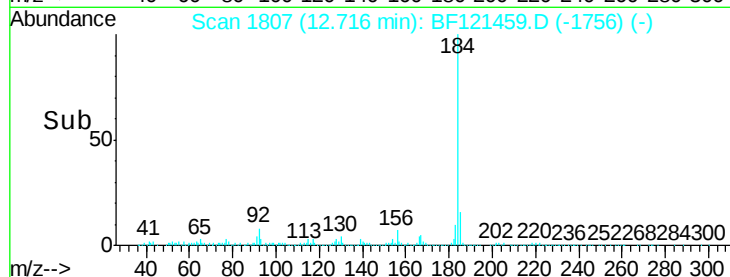
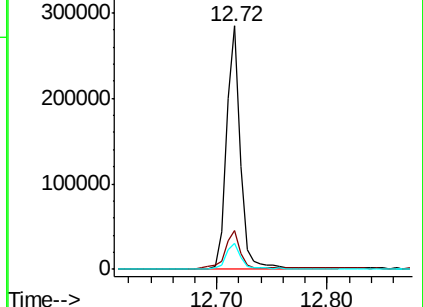
183 10.7 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 26.868 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

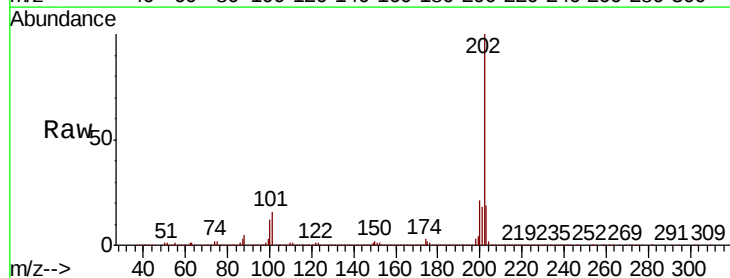
Tgt Ion:202 Resp: 1561181

Ion Ratio Lower Upper

202 100

200 21.4 18.0 27.0

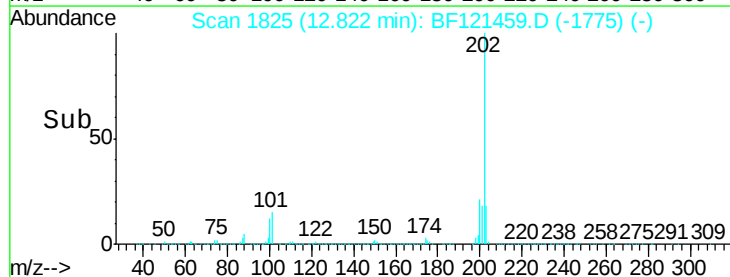
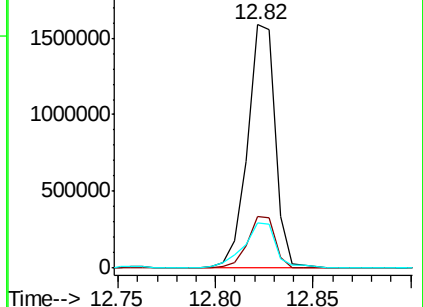
203 18.6 15.3 22.9

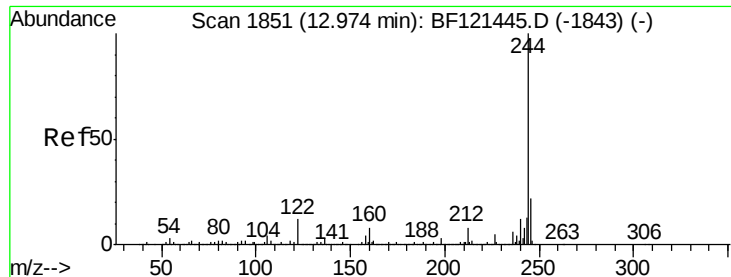


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

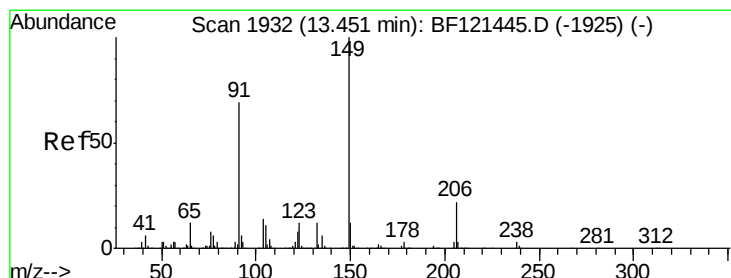
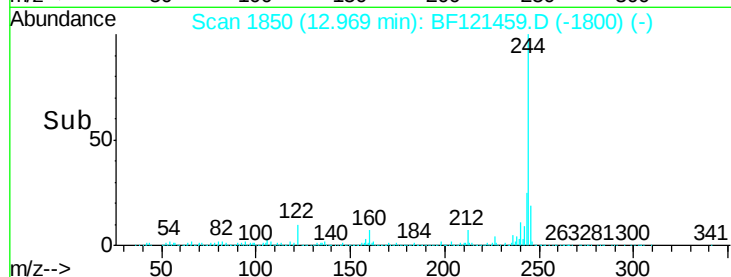
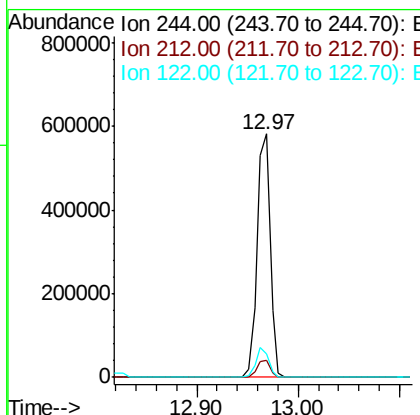
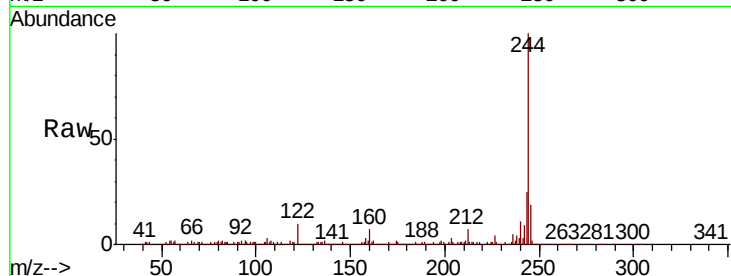




#79
 Terphenyl-d14
 Concen: 13.467 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

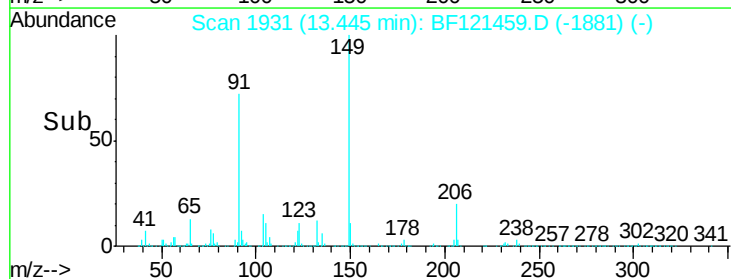
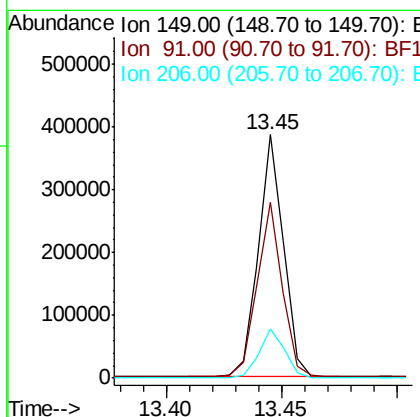
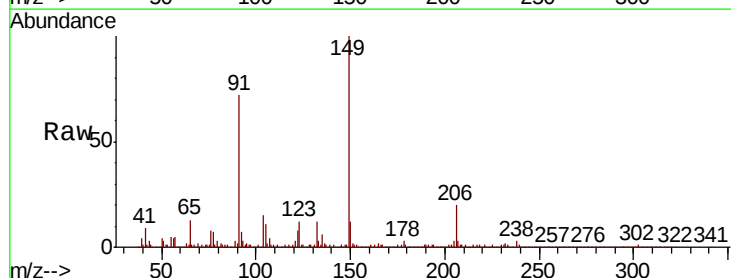
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

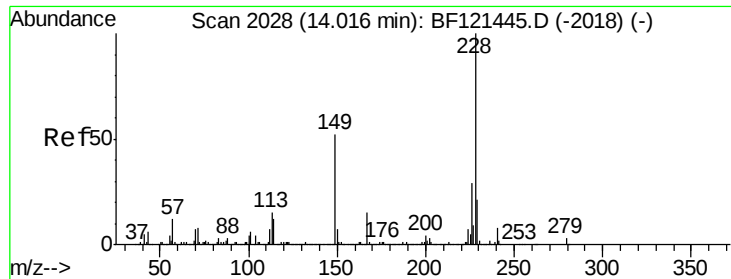
Tot Ion:244	Resp:	520535
Ion	Ratio	Lower Upper
244	100	
212	6.9	6.3 9.5
122	9.8	9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 13.109 ng
 RT: 13.45 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion:149	Resp:	293442
Ion	Ratio	Lower Upper
149	100	
91	72.1	55.0 82.4
206	20.3	17.8 26.6





#81

Benzo(a)anthracene

Concen: 18.809 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

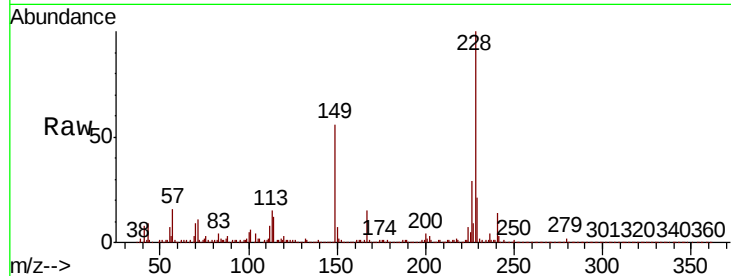
Tot Ion:228 Resp: 934162

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.4

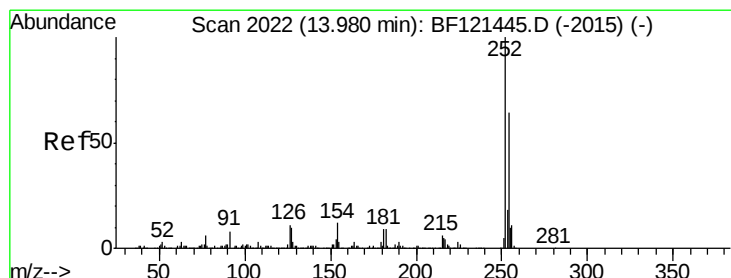
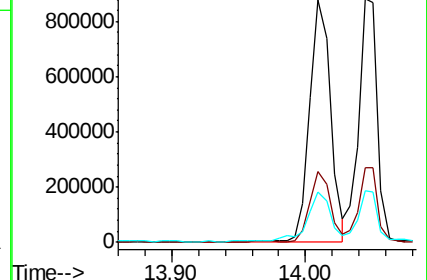
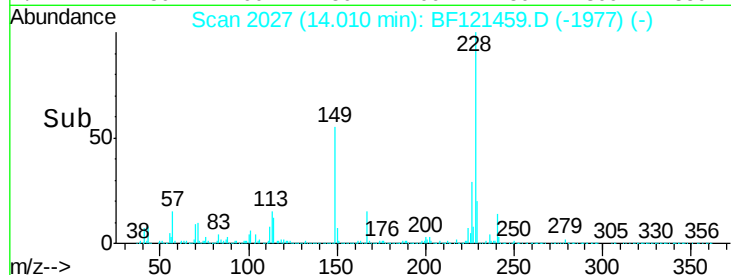
229 20.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 7.558 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

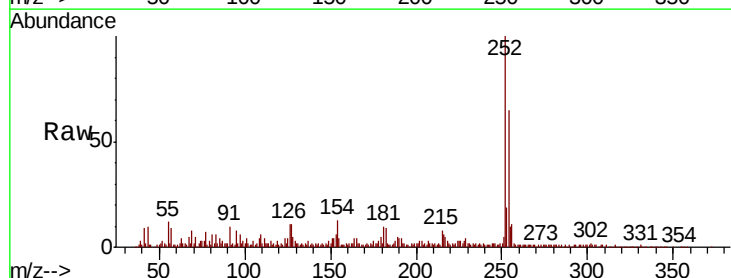
Tgt Ion:252 Resp: 137491

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

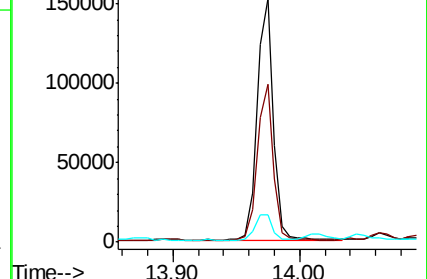
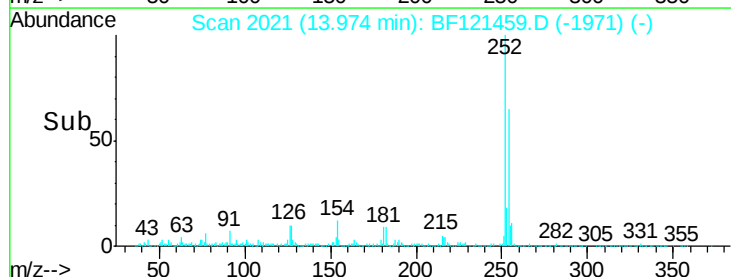
126 11.1 8.5 12.7

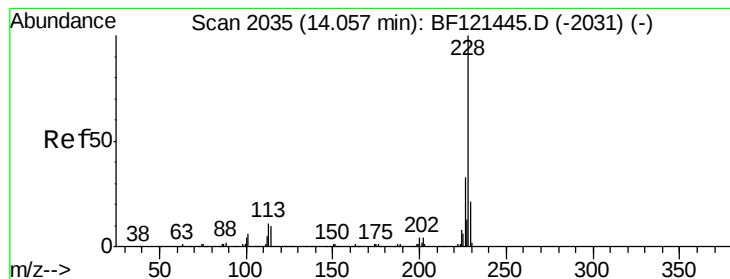


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 17.282 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

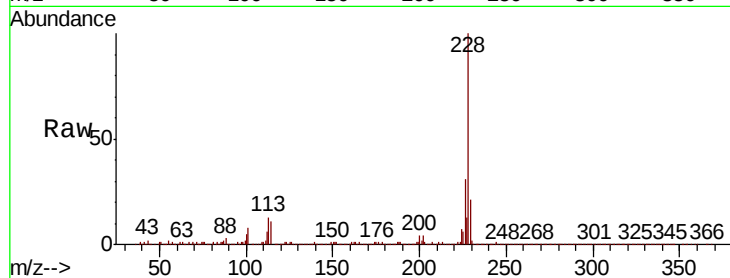
Tot Ion:228 Resp: 858742

Ion Ratio Lower Upper

228 100

226 30.6 26.2 39.2

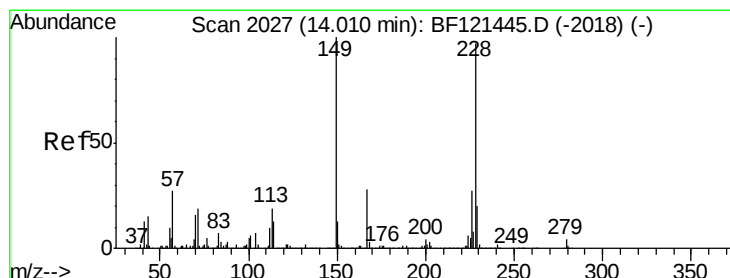
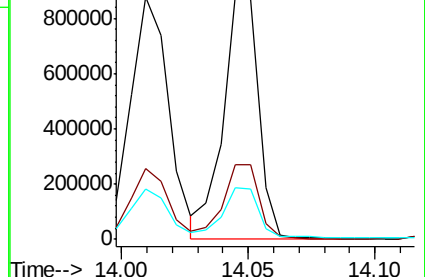
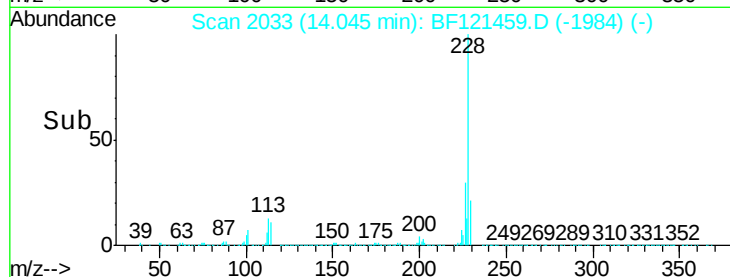
229 21.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.918 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

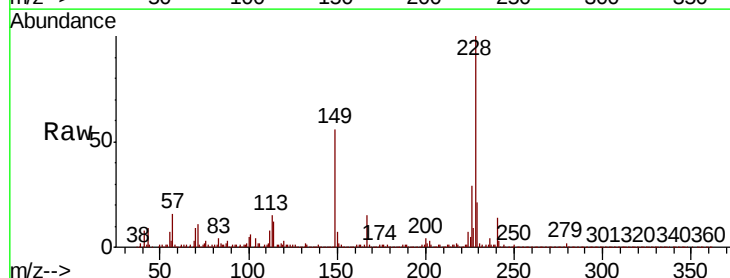
Tgt Ion:149 Resp: 402406

Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

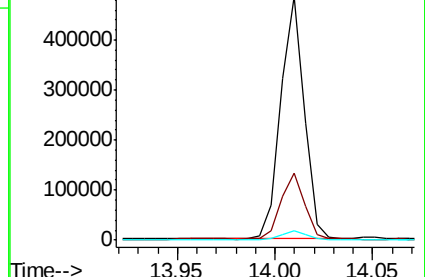
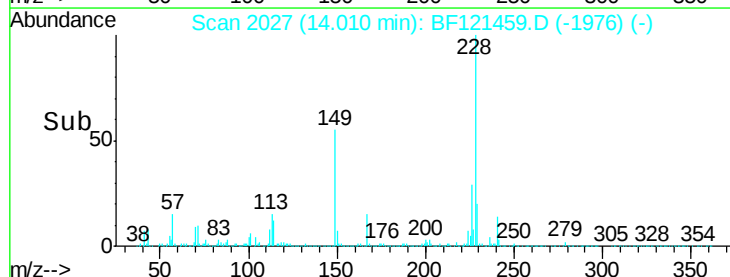
279 3.8 3.3 4.9

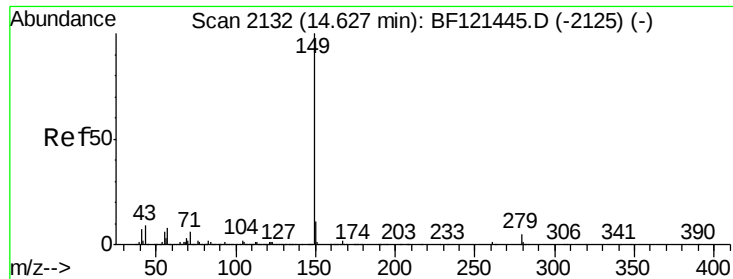


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 13.181 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

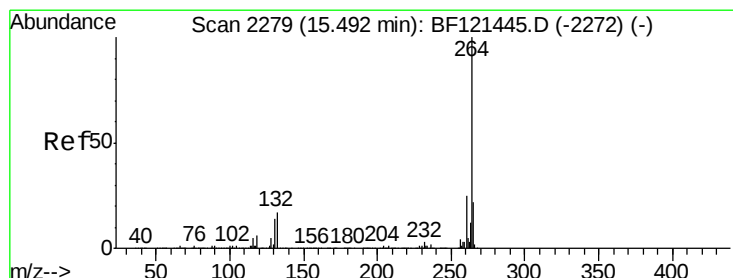
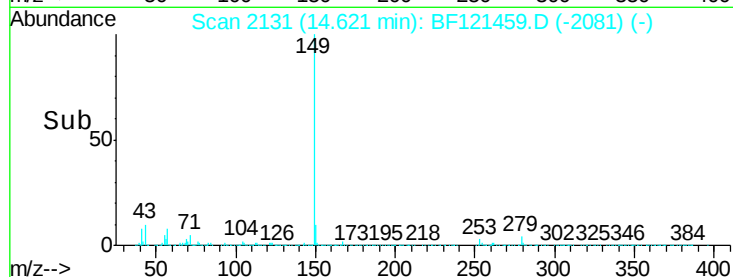
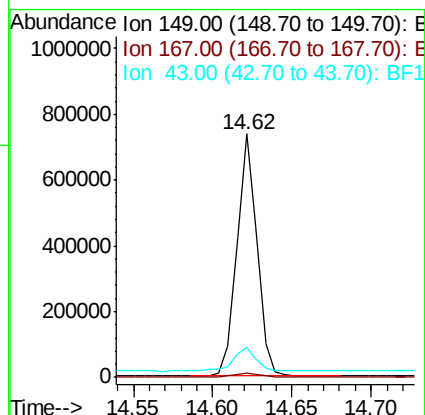
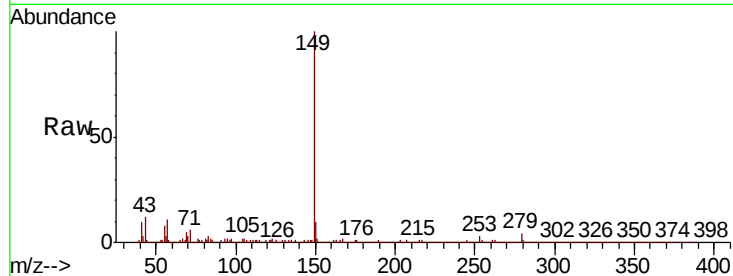
Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

Tot Ion:149	Resp:	645847
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.4 2.0
43	11.8	8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

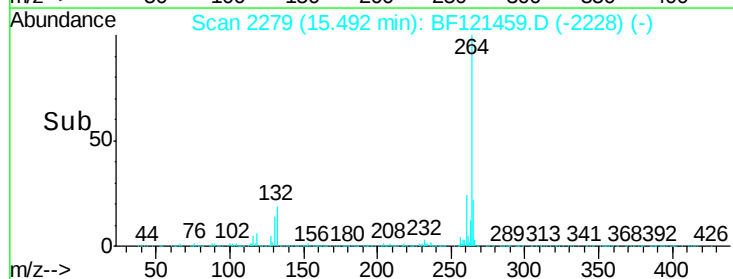
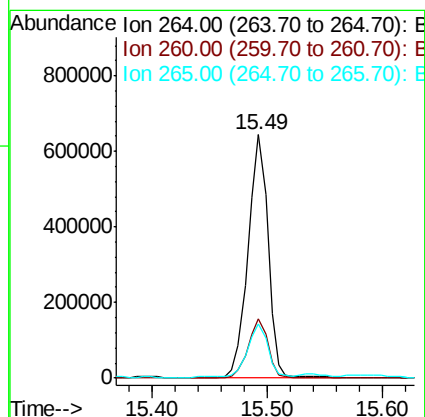
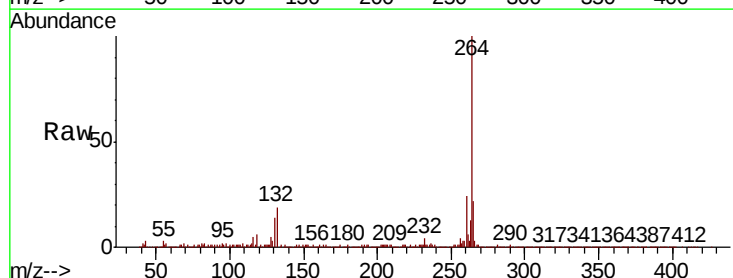
RT: 15.49 min Scan# 2279

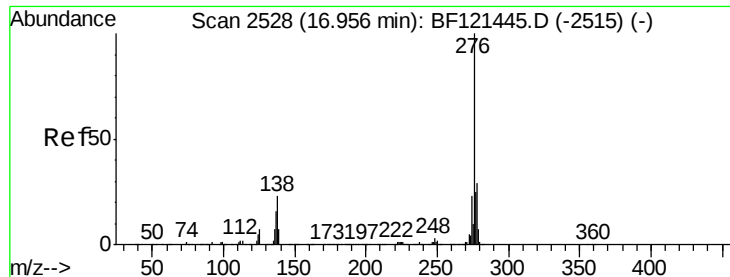
Delta R.T. 0.00 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Tgt Ion:264	Resp:	767984
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.6 29.4
265	22.0	17.8 26.6

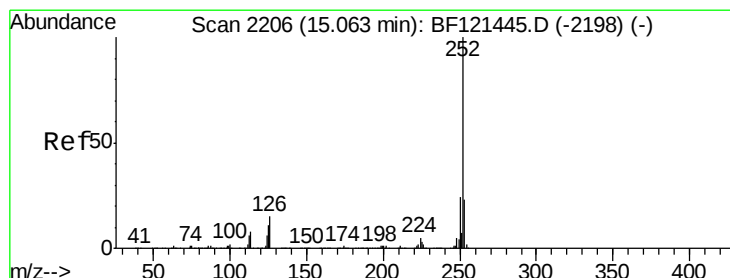
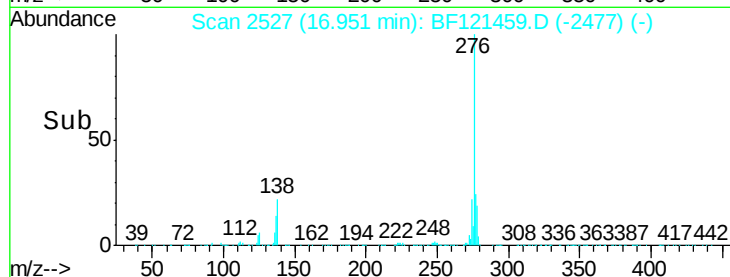
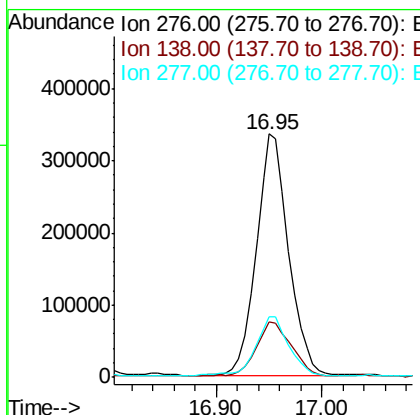
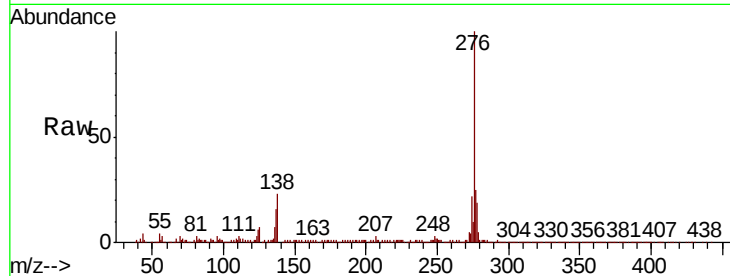




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 15.023 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

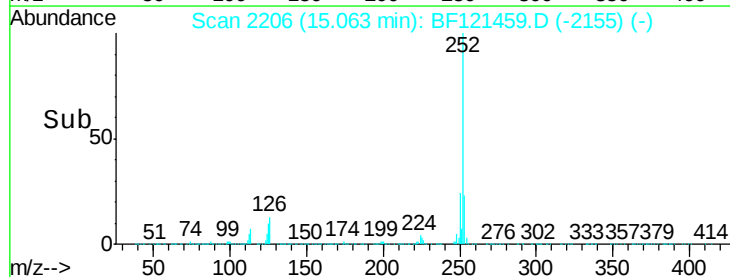
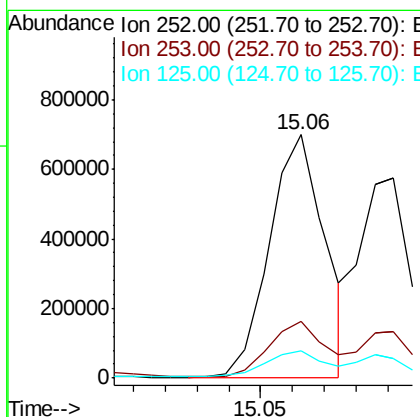
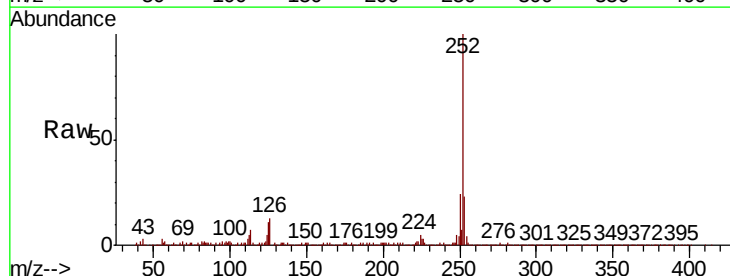
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MS

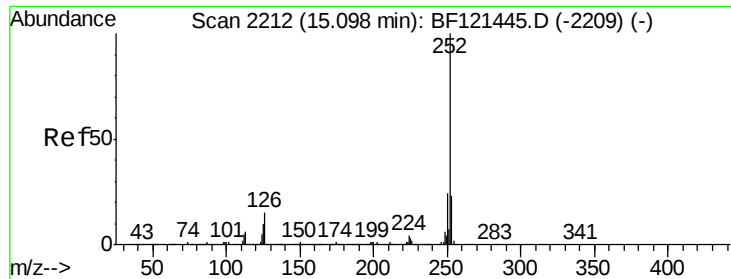
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.6	31.0
277	25.0	20.5	30.7



#88
 Benzo(b)fluoranthene
 Concen: 16.933 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BF121459.D
 Acq: 28 Aug 2020 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	11.1	9.2	13.8

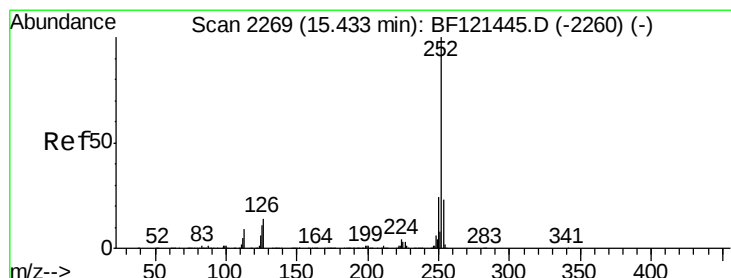
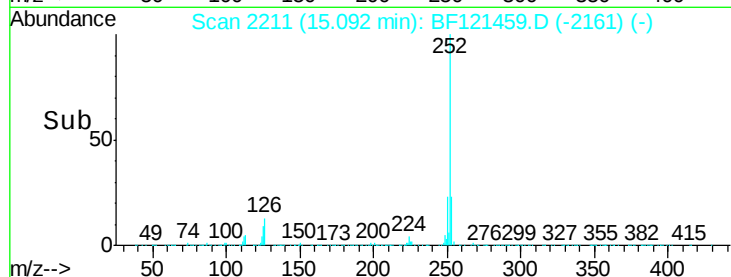
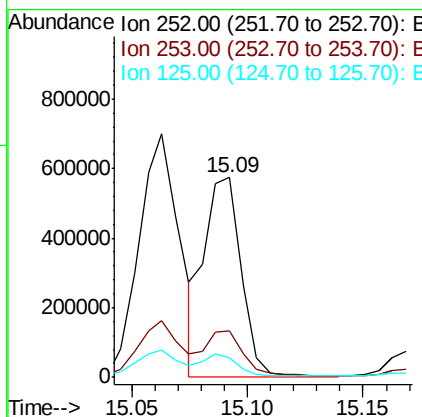
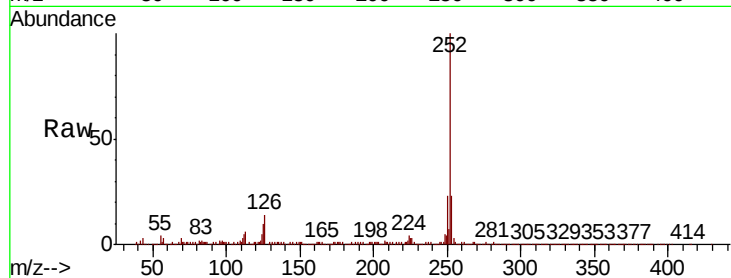




#89
Benzo(k)fluoranthene
Concen: 13.589 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

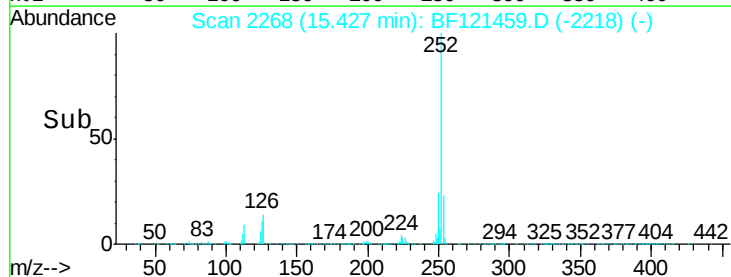
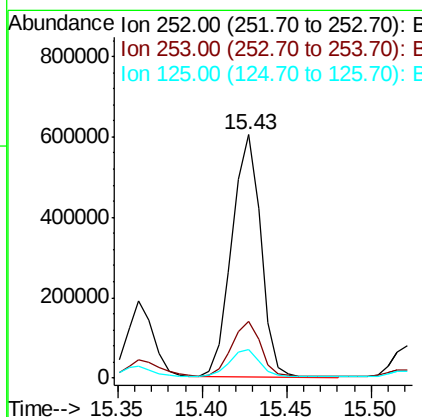
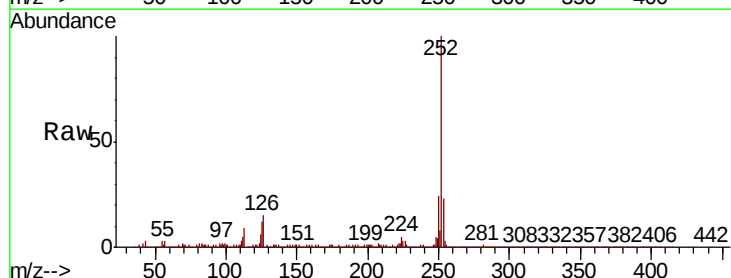
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MS

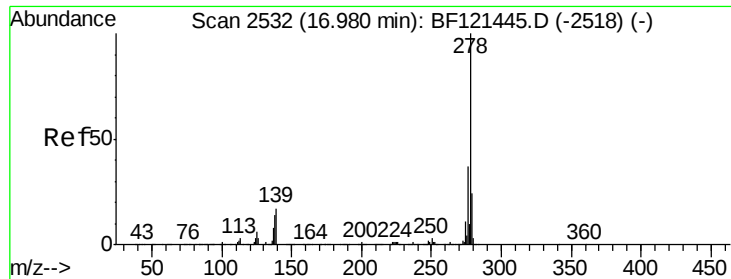
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	10.1	8.5	12.7



#90
Benzo(a)pyrene
Concen: 16.076 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF121459.D
Acq: 28 Aug 2020 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.5	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 12.421 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MS

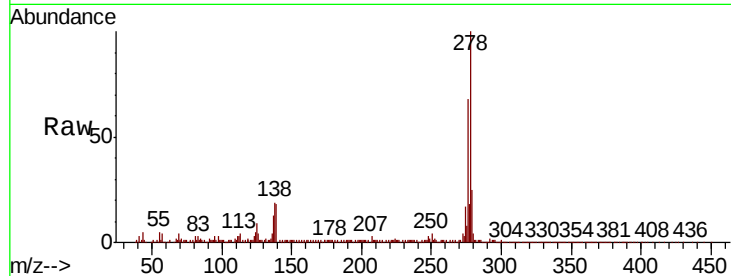
Tot Ion:278 Resp: 480431

Ion Ratio Lower Upper

278 100

139 17.5 13.3 19.9

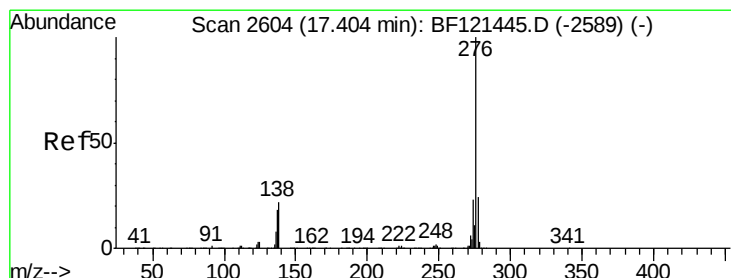
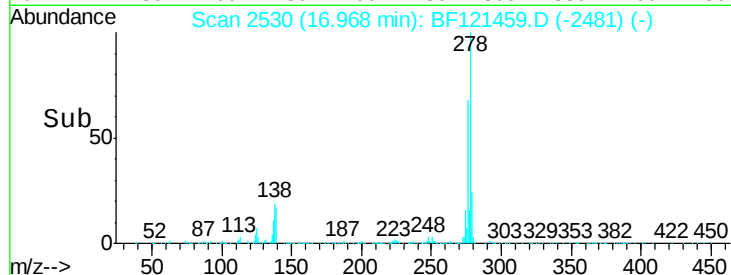
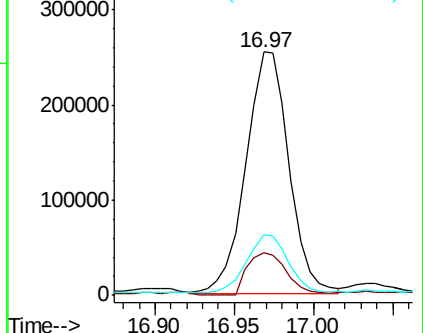
279 24.9 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 16.765 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF121459.D

Acq: 28 Aug 2020 14:52

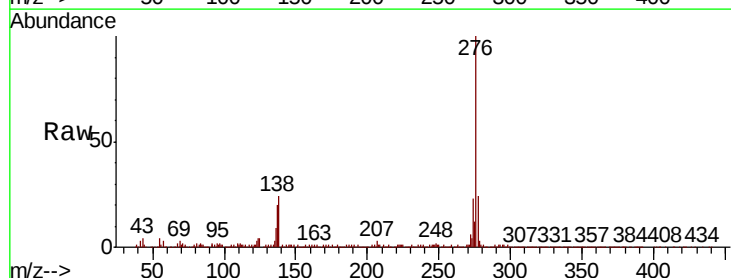
Tgt Ion:276 Resp: 624680

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 23.7 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

