

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121191.D
 Acq On : 5 Aug 2020 13:45
 Operator : JU/CG
 Sample : L3521-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Quant Time: Aug 05 14:26:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122531	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	482377	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	255992	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	505115	20.00	ng	0.00
76) Chrysene-d12	13.97	240	429223	20.00	ng	0.00
86) Perylene-d12	15.42	264	479168	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	714919	95.65	ng	0.00
7) Phenol-d6	6.43	99	898405	93.05	ng	-0.01
23) Nitrobenzene-d5	7.36	82	591420	70.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	287223	102.50	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1099633	64.13	ng	0.00
79) Terphenyl-d14	12.91	244	1205420	61.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	126209	36.689	ng	99
3) Pyridine	3.23	79	303674	33.185	ng	99
4) n-Nitrosodimethylamine	3.17	42	166371	42.518	ng	99
6) Aniline	6.46	93	450049	35.710	ng	94
8) 2-Chlorophenol	6.58	128	407219	49.456	ng	100
9) Benzaldehyde	6.34	77	249373	61.333	ng	98
10) Phenol	6.45	94	489239	46.065	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	369855	45.439	ng	98
12) 1,3-Dichlorobenzene	6.73	146	384165	43.027	ng	99
13) 1,4-Dichlorobenzene	6.81	146	391369	44.082	ng	99
14) 1,2-Dichlorobenzene	6.96	146	384373	45.764	ng	99
15) Benzyl Alcohol	6.94	79	329787	48.300	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	498593	42.498	ng	98
17) 2-Methylphenol	7.06	107	325306	44.575	ng	99
18) Hexachloroethane	7.30	117	143748	44.734	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	241816	44.046	ng	95
20) 3+4-Methylphenols	7.21	107	372340	40.107	ng	98
22) Acetophenone	7.20	105	494561	45.683	ng	97
24) Nitrobenzene	7.38	77	404114	44.976	ng	99
25) Isophorone	7.62	82	743642	44.696	ng	99
26) 2-Nitrophenol	7.69	139	221963	52.014	ng	96
27) 2,4-Dimethylphenol	7.74	122	348320	50.274	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	470057	46.283	ng	99
29) 2,4-Dichlorophenol	7.94	162	339690	47.980	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	348618	44.382	ng	99
31) Naphthalene	8.10	128	1093993	44.213	ng	99
32) Benzoic acid	7.88	122	242068	46.543	ng	98
33) 4-Chloroaniline	8.15	127	320623	29.047	ng	99
34) Hexachlorobutadiene	8.22	225	199401	43.062	ng	99
35) Caprolactam	8.53	113	85422	37.624	ng	88
36) 4-Chloro-3-methylphenol	8.65	107	360262	49.615	ng	95
37) 2-Methylnaphthalene	8.79	142	767703	47.784	ng	99
38) 1-Methylnaphthalene	8.89	142	717333	47.143	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	350659	47.015	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	325349	78.927	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	251276	47.849	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	270442	45.400	ng	99
46) 1,1'-Biphenyl	9.26	154	915905	46.904	ng	99
47) 2-Chloronaphthalene	9.28	162	712003	44.722	ng	97
48) 2-Nitroaniline	9.38	65	232385	48.300	ng	99
49) Acenaphthylene	9.70	152	1154297	46.671	ng	100
50) Dimethylphthalate	9.56	163	969563	52.499	ng	99
51) 2,6-Dinitrotoluene	9.63	165	196151	49.437	ng	91
52) Acenaphthene	9.87	154	662059	42.104	ng	100
53) 3-Nitroaniline	9.79	138	152016	30.548	ng	99
54) 2,4-Dinitrophenol	9.91	184	218277	94.245	ng	98
55) Dibenzofuran	10.05	168	1000309	43.991	ng	98
56) 4-Nitrophenol	9.97	139	333012	88.096	ng	98
57) 2,4-Dinitrotoluene	10.03	165	255863	49.106	ng	94
58) Fluorene	10.39	166	760431	44.838	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	226636	49.970	ng	99
60) Diethylphthalate	10.26	149	856639	45.858	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	373432	41.283	ng	99
62) 4-Nitroaniline	10.42	138	222188	45.837	ng	99
63) Azobenzene	10.54	77	797294	44.833	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	150382	51.165	ng	89
66) n-Nitrosodiphenylamine	10.50	169	728625	45.855	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	253501	45.014	ng	95
68) Hexachlorobenzene	10.93	284	286618	47.049	ng	# 91
69) Atrazine	11.03	200	211838	53.831	ng	98
70) Pentachlorophenol	11.13	266	324372	92.944	ng	98
71) Phenanthrene	11.35	178	1177279	45.318	ng	100
72) Anthracene	11.40	178	1204285	46.166	ng	100
73) Carbazole	11.56	167	1176281	45.438	ng	100
74) Di-n-butylphthalate	11.89	149	1369151	45.830	ng	99
75) Fluoranthene	12.54	202	1338425	46.481	ng	99
77) Benzidine	12.66	184	615080	54.504	ng	99
78) Pyrene	12.77	202	1384234	45.615	ng	99
80) Butylbenzylphthalate	13.39	149	628244	46.441	ng	99
81) Benzo(a)anthracene	13.96	228	1247740	48.006	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	433703	44.229	ng	97
83) Chrysene	14.00	228	1240067	45.400	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	814339	48.817	ng	99
85) Di-n-octyl phthalate	14.56	149	1503177	45.293	ng	98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1508506	45.267	ng	100
88) Benzo(b)fluoranthene	15.00	252	1509049	52.101	ng	99
89) Benzo(k)fluoranthene	15.03	252	1156001	43.763	ng	99
90) Benzo(a)pyrene	15.36	252	1256579	47.551	ng	100
91) Dibenzo(a,h)anthracene	16.88	278	1217031	44.709	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1277991	47.616	ng	99

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

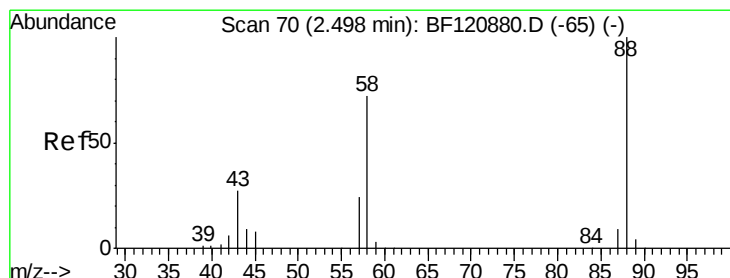
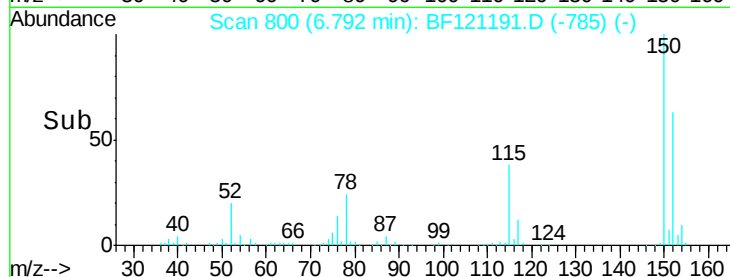
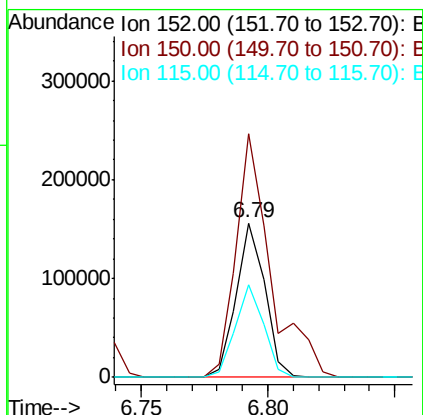
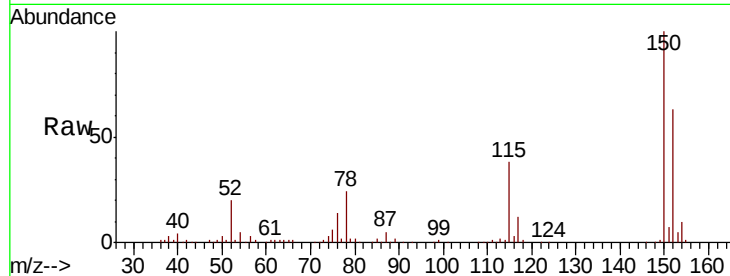


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

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 COMP-CDMSD

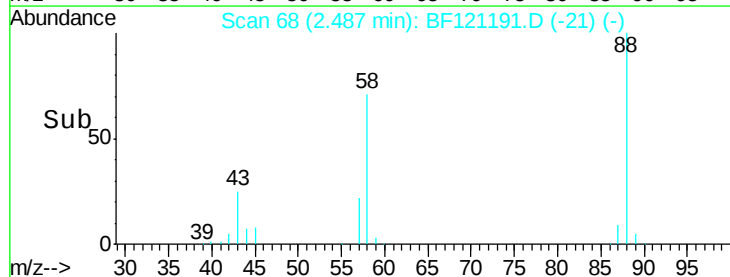
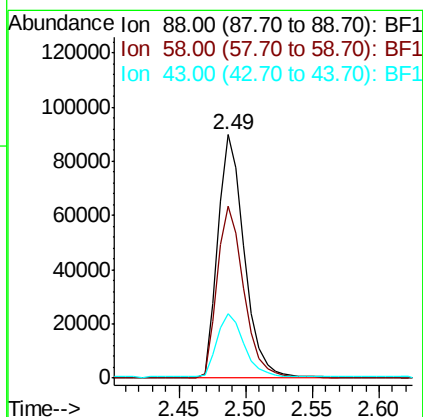
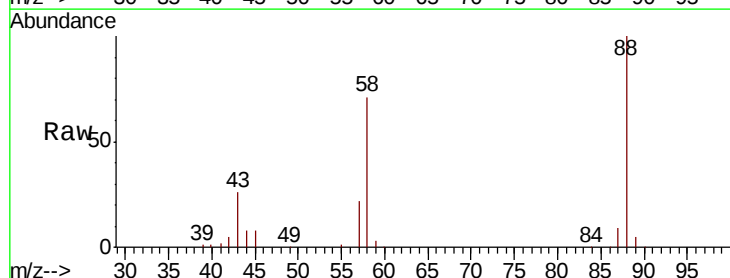
Tot Ion:152 Resp: 122531
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.6 188.4
 115 59.8 46.2 69.2



#2

1,4-Dioxane
 Concen: 36.689 ng
 RT: 2.49 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion: 88 Resp: 126209
 Ion Ratio Lower Upper
 88 100
 58 71.3 58.2 87.4
 43 26.5 21.3 31.9





#3

Pvridine

Concen: 33.185 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.02 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

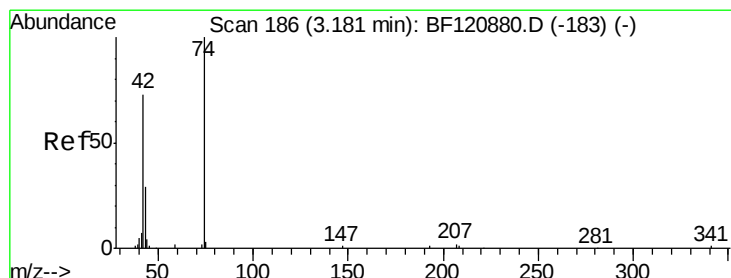
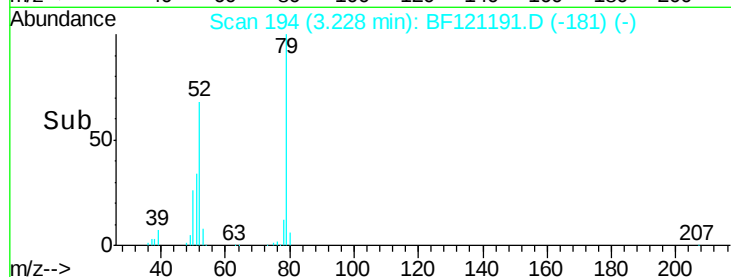
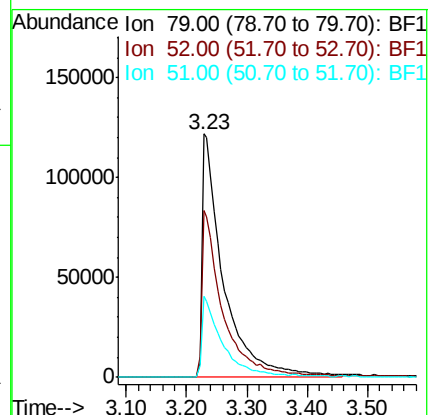
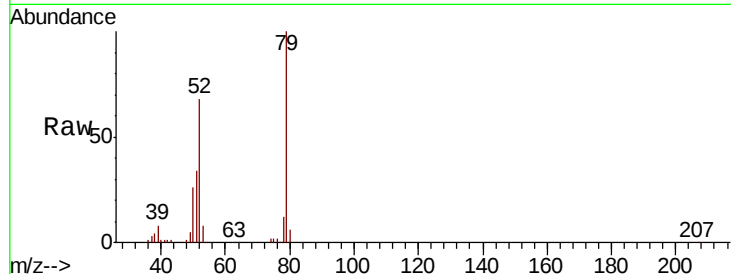
Tot Ion: 79 Resp: 303674

Ion Ratio Lower Upper

79 100

52 68.4 54.9 82.3

51 33.6 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 42.518 ng

RT: 3.17 min Scan# 185

Delta R.T. -0.03 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

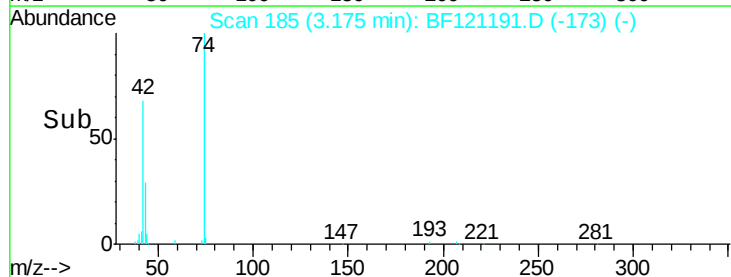
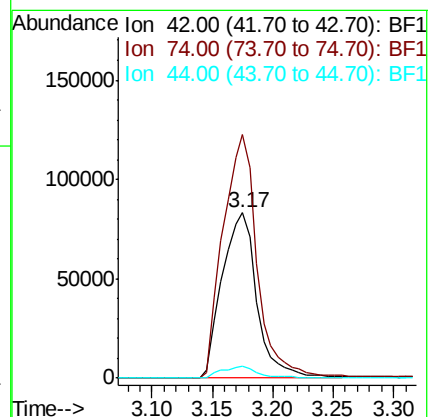
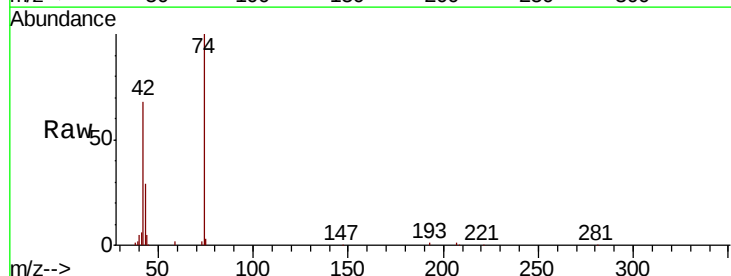
Tgt Ion: 42 Resp: 166371

Ion Ratio Lower Upper

42 100

74 147.4 117.3 175.9

44 7.3 5.9 8.9





#5

2-Fluorophenol

Concen: 95.650 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

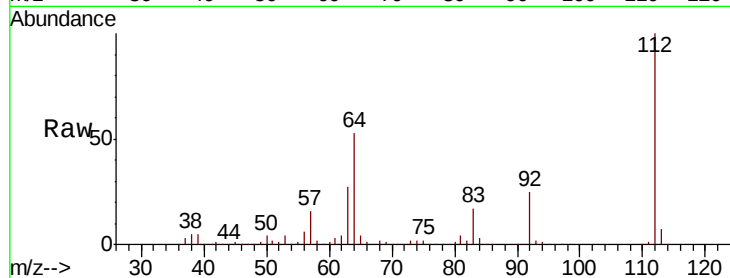
Tot Ion:112 Resp: 714919

Ion Ratio Lower Upper

112 100

64 53.4 43.9 65.9

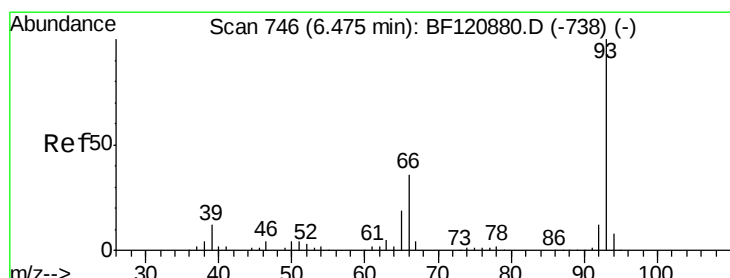
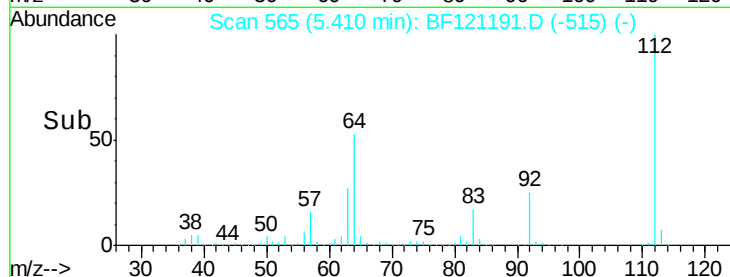
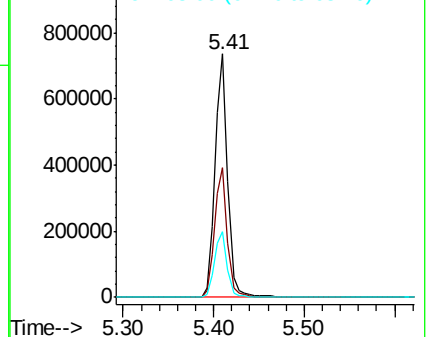
63 27.2 22.7 34.1



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: 35.710 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

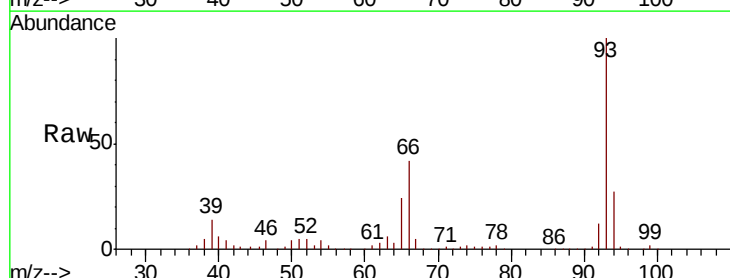
Tgt Ion: 93 Resp: 450049

Ion Ratio Lower Upper

93 100

66 42.4 31.0 46.4

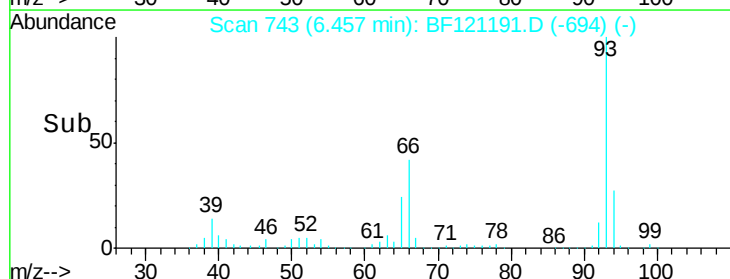
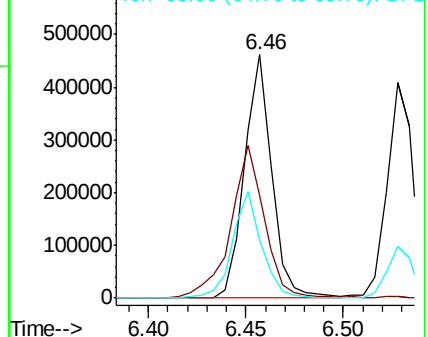
65 23.6 16.2 24.4



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: 93.051 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

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ClientSampleId :

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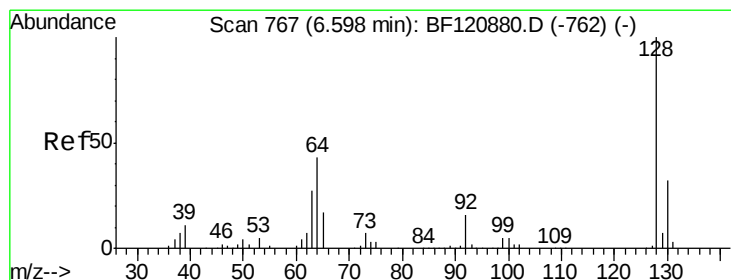
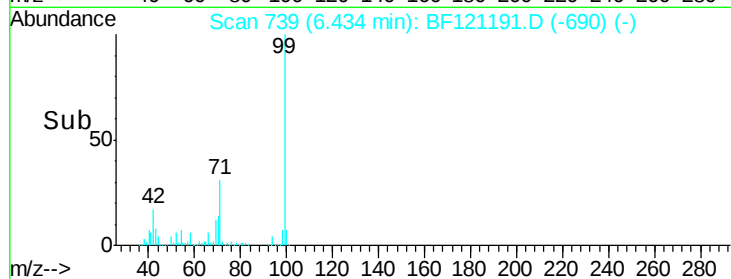
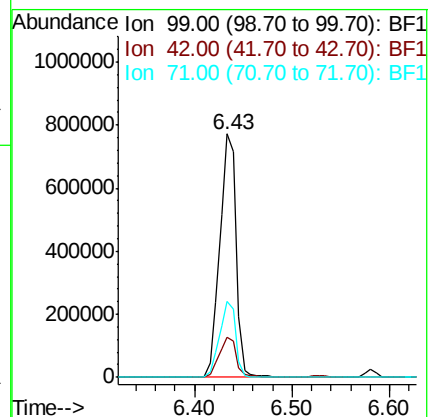
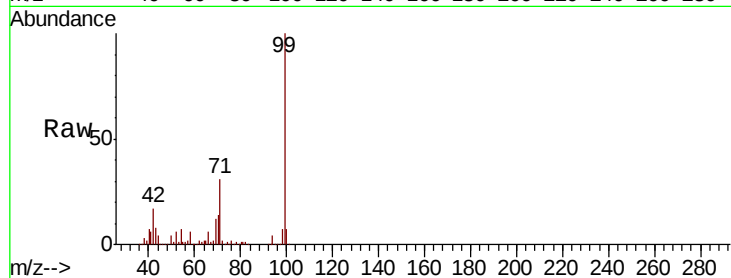
Tot Ion: 99 Resp: 898405

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 31.4 25.0 37.4



#8

2-Chlorophenol

Concen: 49.456 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

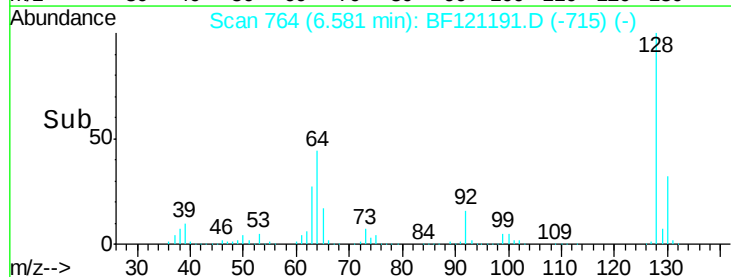
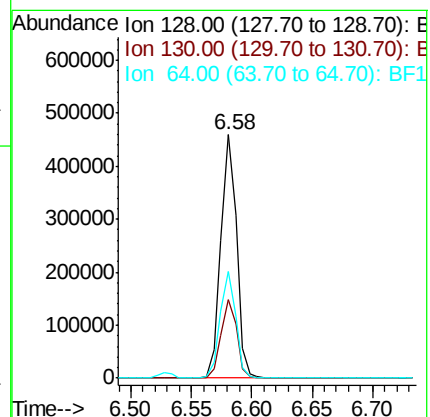
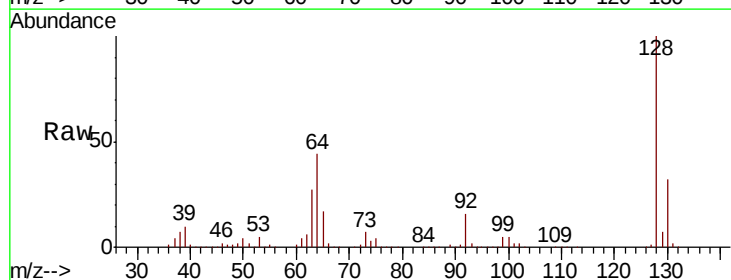
Tgt Ion: 128 Resp: 407219

Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 43.7 23.8 63.8





#9

Benzaldehyde

Concen: 61.333 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF121191.D

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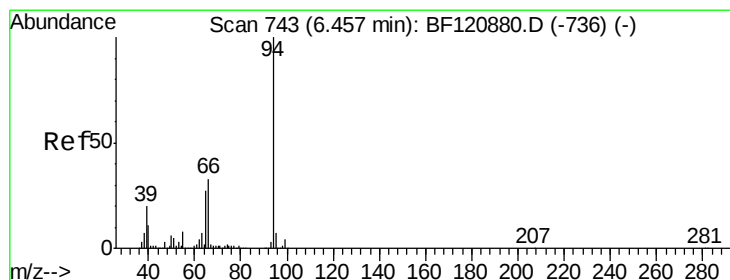
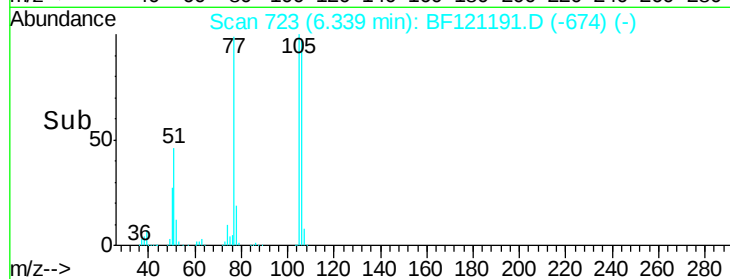
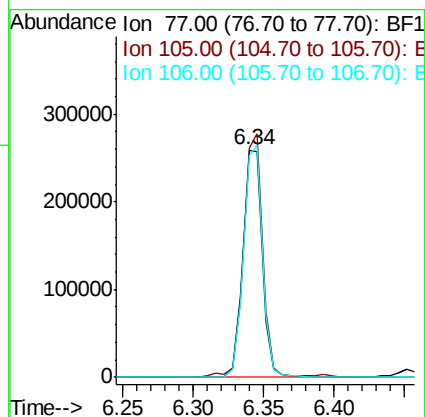
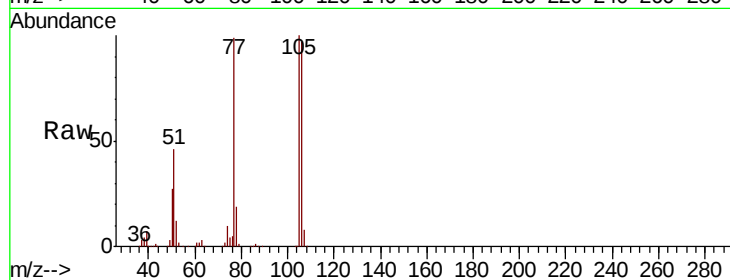
Tot Ion: 77 Resp: 249373

Ion Ratio Lower Upper

77 100

105 100.8 82.4 122.4

106 97.4 78.9 118.9



#10

Phenol

Concen: 46.065 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

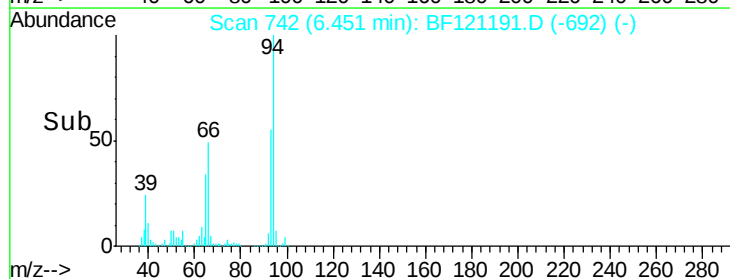
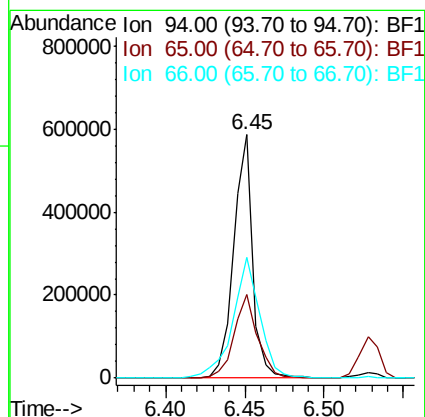
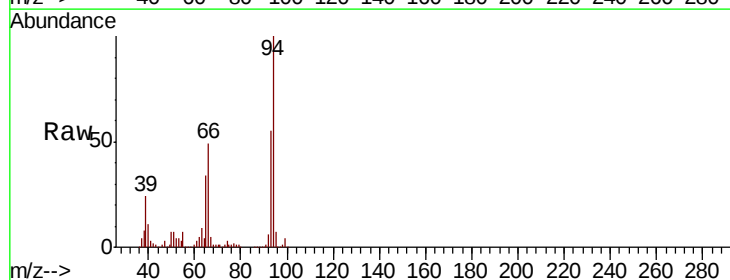
Tgt Ion: 94 Resp: 489239

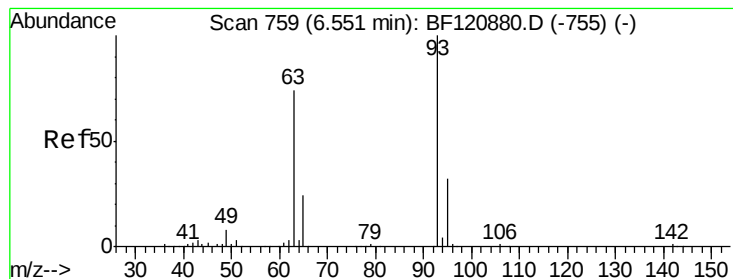
Ion Ratio Lower Upper

94 100

65 34.3 12.6 52.6

66 49.4 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 45.439 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

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ClientSampleId :

COMP-CDMSD

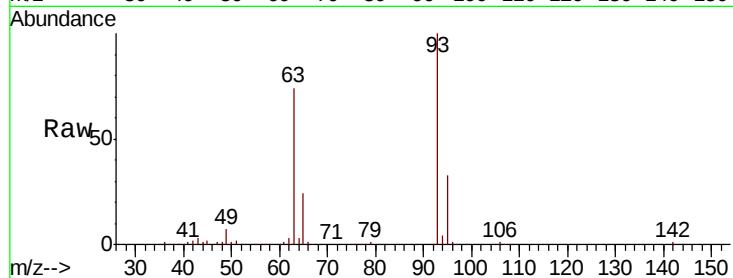
Tot Ion: 93 Resp: 369855

Ion Ratio Lower Upper

93 100

63 73.7 51.9 91.9

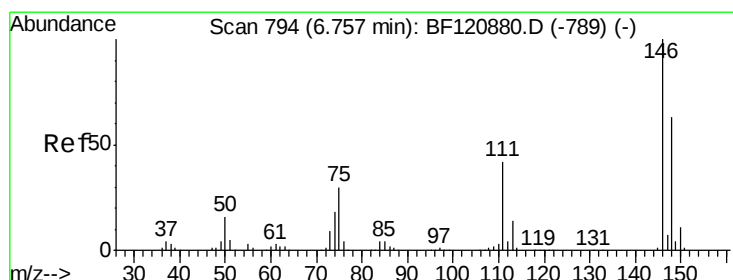
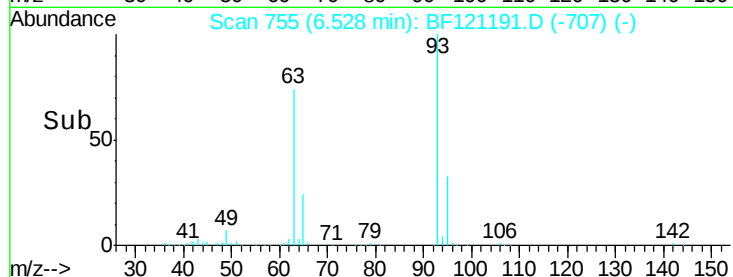
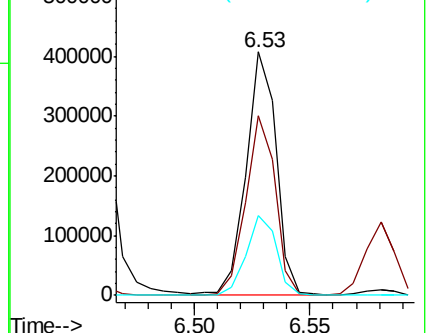
95 32.8 13.2 53.2



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.027 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

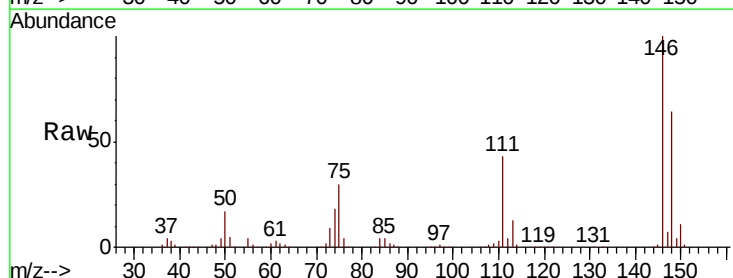
Tgt Ion: 146 Resp: 384165

Ion Ratio Lower Upper

146 100

148 63.7 51.7 77.5

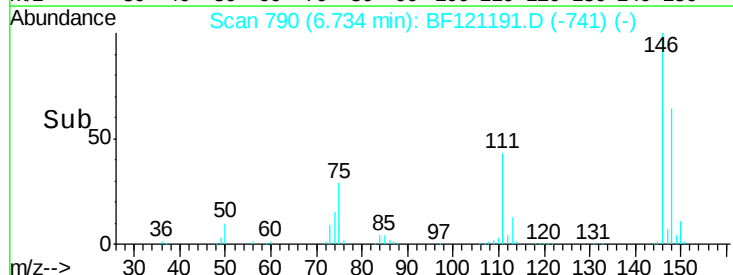
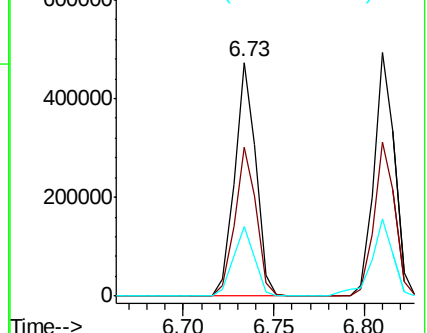
75 29.9 23.8 35.6

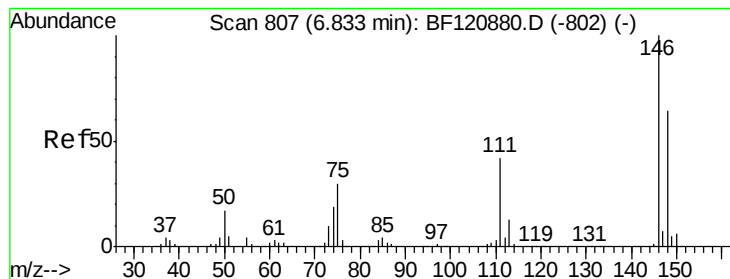


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.082 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

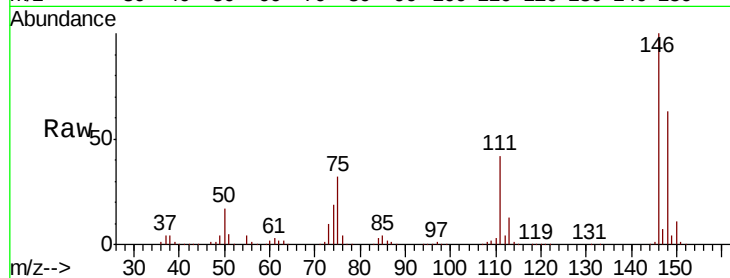
Tot Ion:146 Resp: 391369

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

111 41.8 32.8 49.2



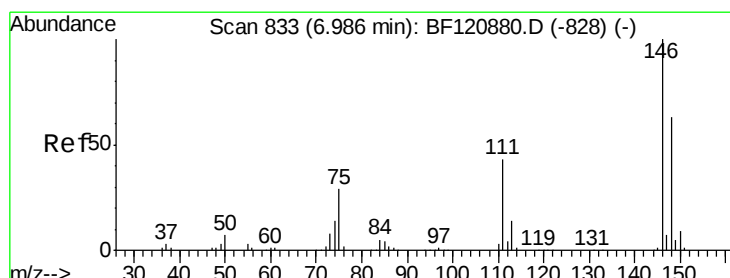
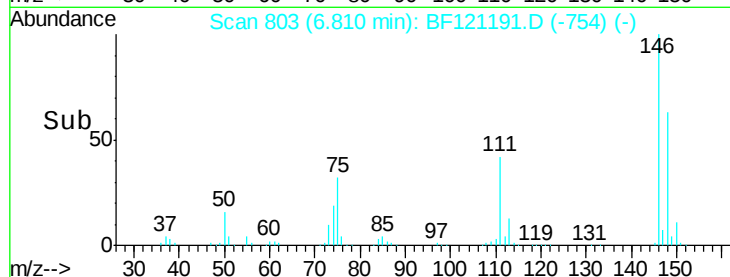
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.81

Time-->



#14

1,2-Dichlorobenzene

Concen: 45.764 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

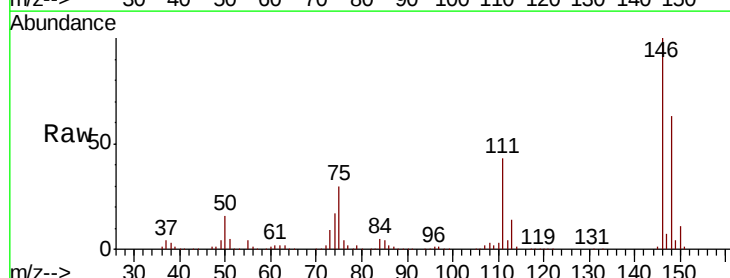
Tgt Ion:146 Resp: 384373

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 42.9 35.4 53.0



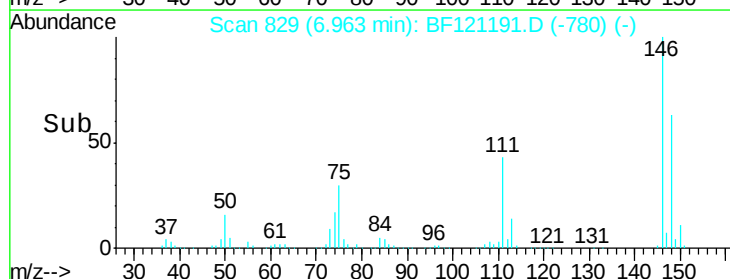
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.96

Time-->





#15

Benzyl Alcohol

Concen: 48.300 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

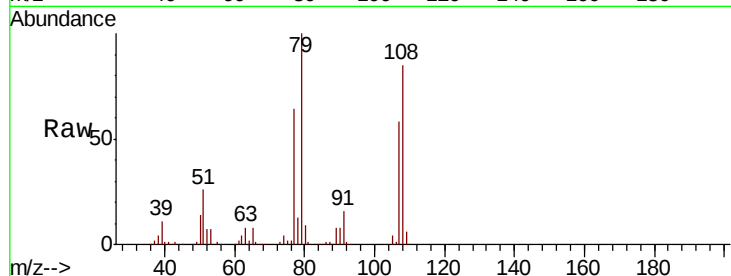
Tot Ion: 79 Resp: 329787

Ion Ratio Lower Upper

79 100

108 85.0 68.6 103.0

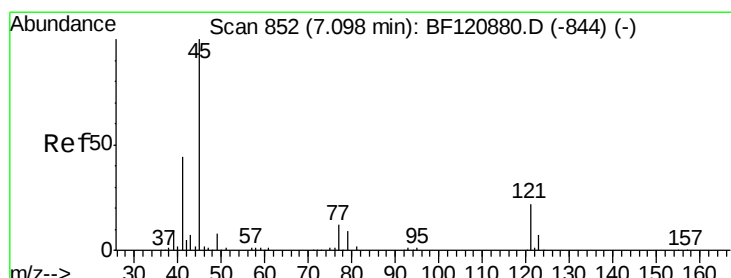
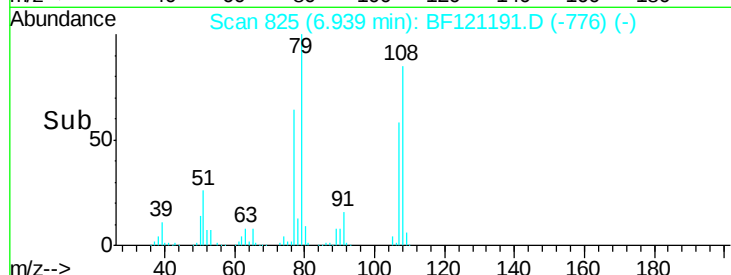
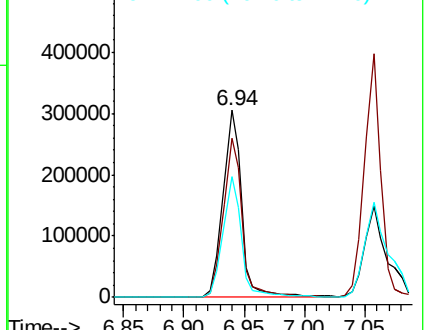
77 64.3 51.4 77.2



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: 42.498 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

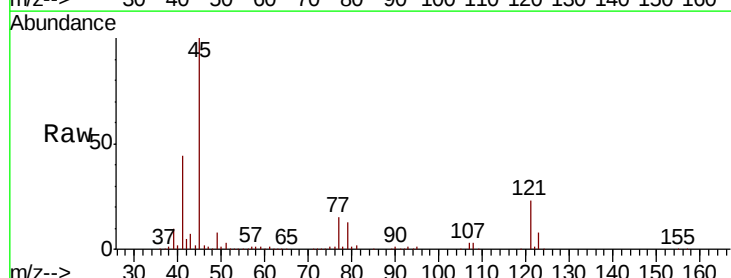
Tgt Ion: 45 Resp: 498593

Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.7

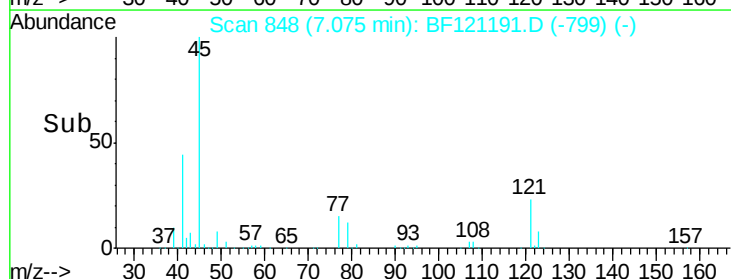
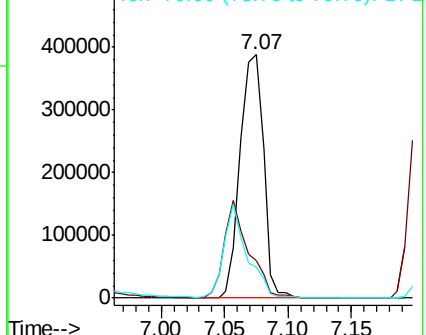
79 12.6 0.0 32.0

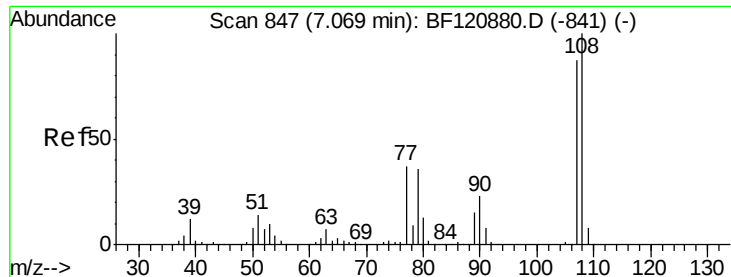


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

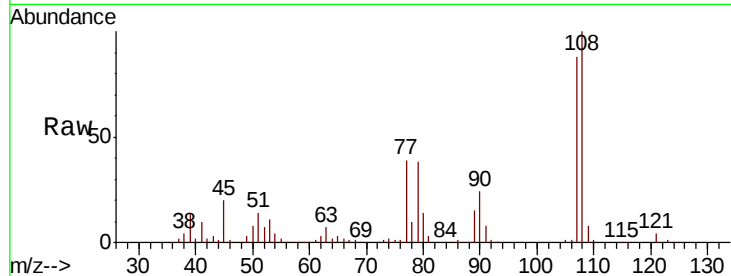




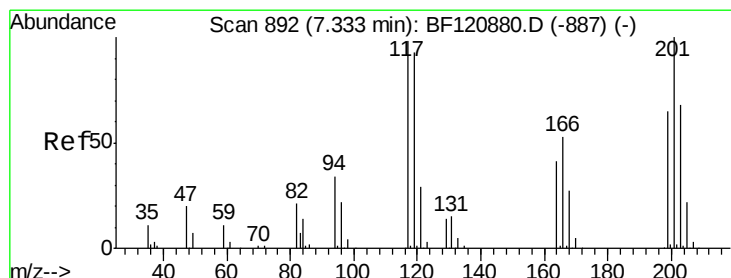
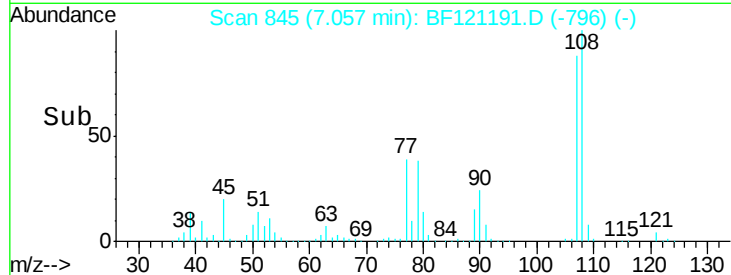
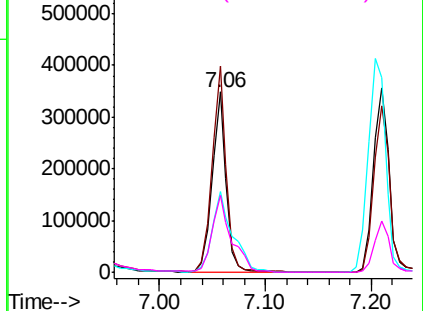
#17
2-Methylphenol
Concen: 44.575 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	107	Resp:	325306
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.2	136.8
77	44.6	36.5	54.7
79	42.9	35.0	52.6

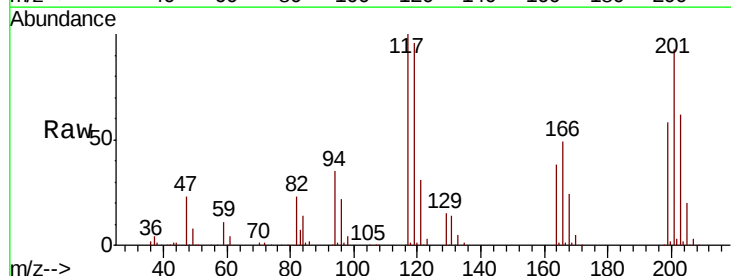


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

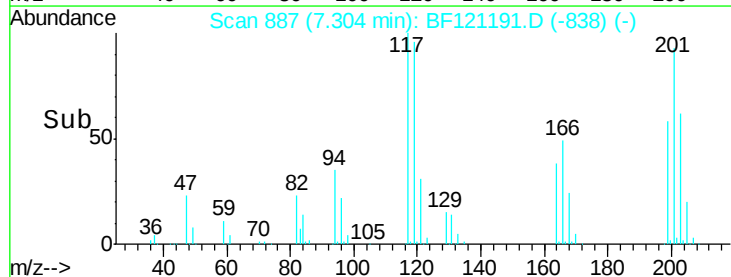
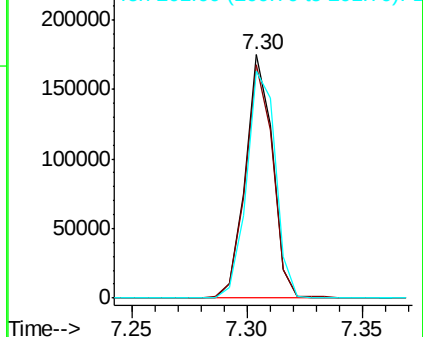


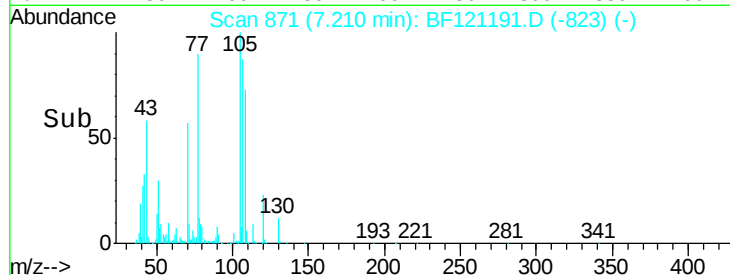
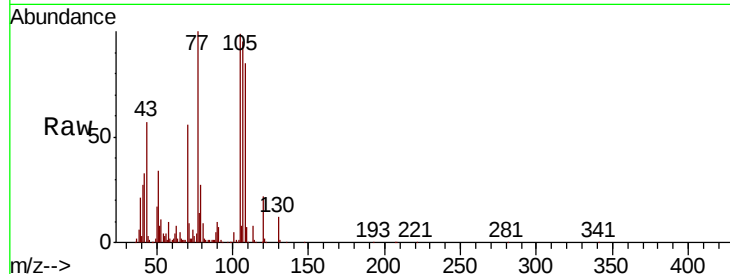
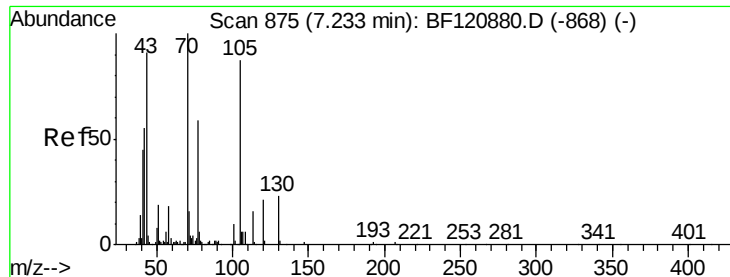
#18
Hexachloroethane
Concen: 44.734 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:	117	Resp:	143748
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	114.8
201	93.1	75.0	112.4



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

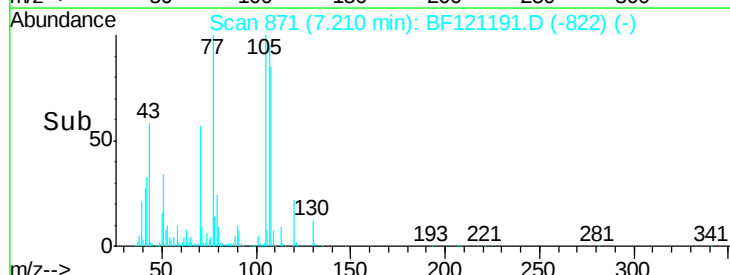
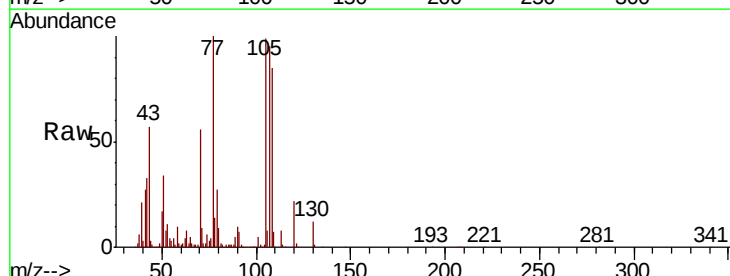
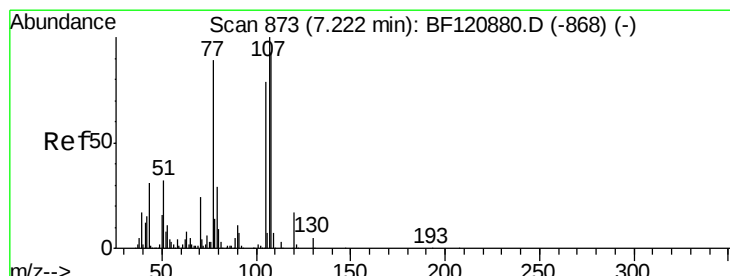
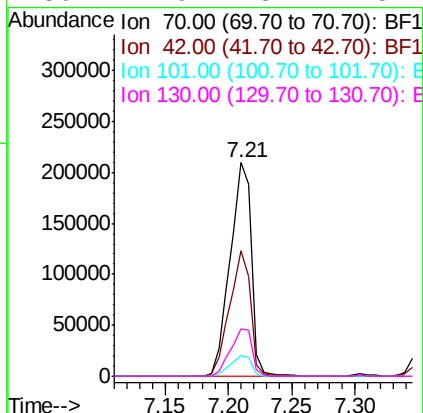




#19
n-Nitroso-di-n-propylamine
Concen: 44.046 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

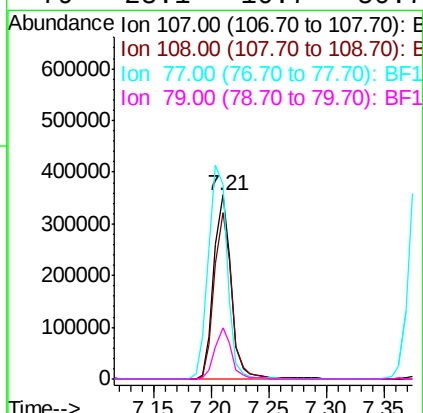
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

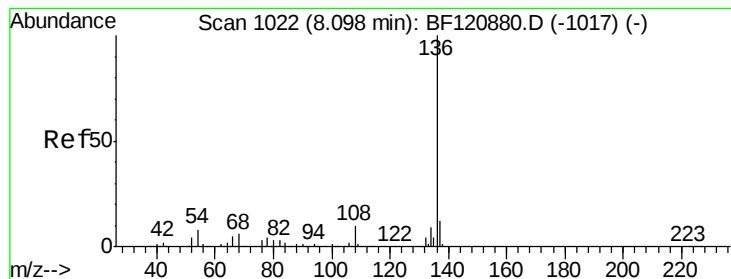
Tot Ion:	70	Resp:	241816
Ion	Ratio	Lower	Upper
70	100		
42	58.7	43.3	64.9
101	9.5	8.4	12.6
130	21.9	18.7	28.1



#20
3+4-Methylphenols
Concen: 40.107 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:	107	Resp:	372340
Ion	Ratio	Lower	Upper
107	100		
108	90.0	73.7	113.7
77	105.4	84.9	124.9
79	28.1	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:136 Resp: 482377

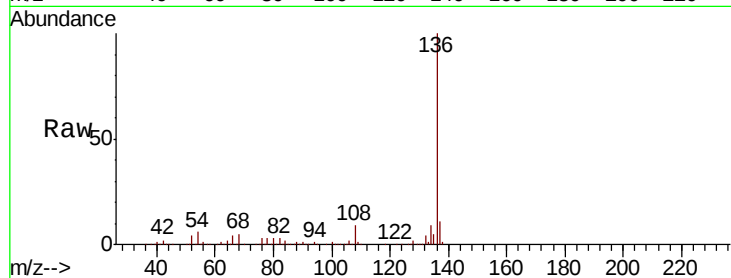
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.5 6.1 9.1

68 5.3 5.0 7.6

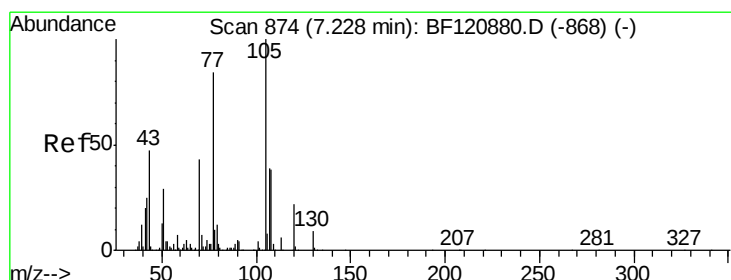
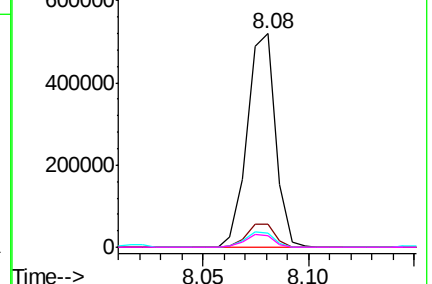
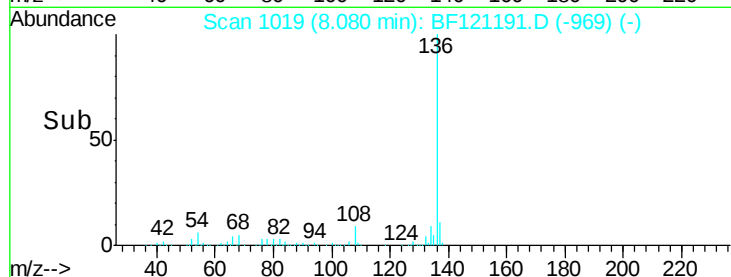


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.683 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:105 Resp: 494561

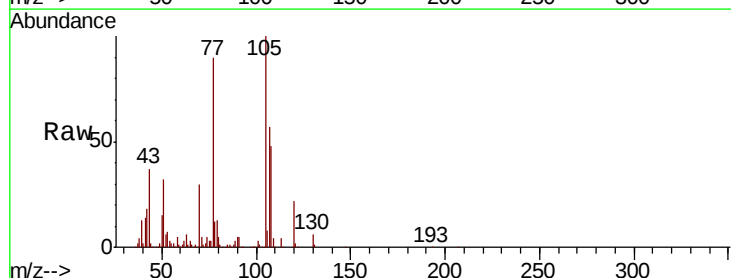
Ion Ratio Lower Upper

105 100

71 5.2 3.8 5.8

51 32.0 28.0 42.0

120 22.3 17.8 26.6

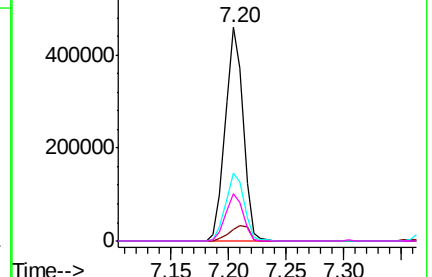
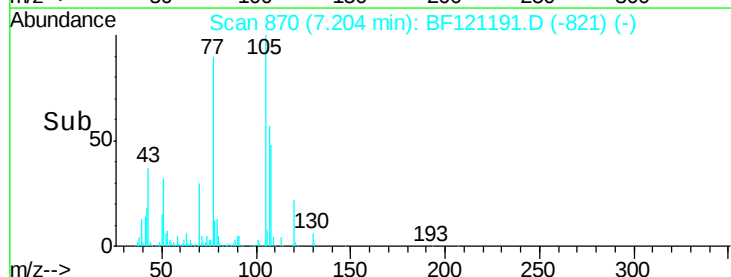


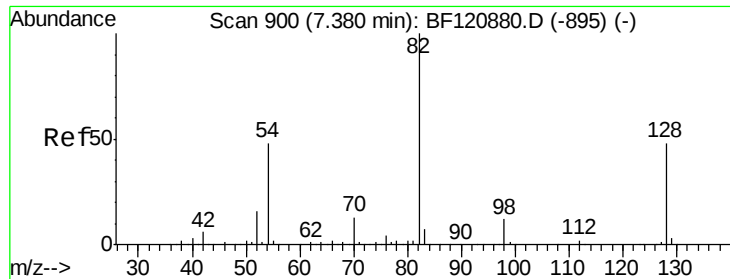
Abundance Ion 105.00 (104.70 to 105.70): E

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

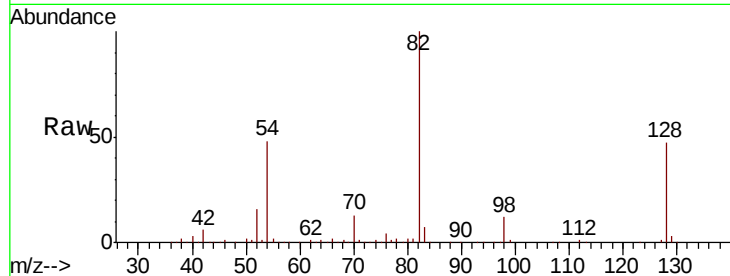




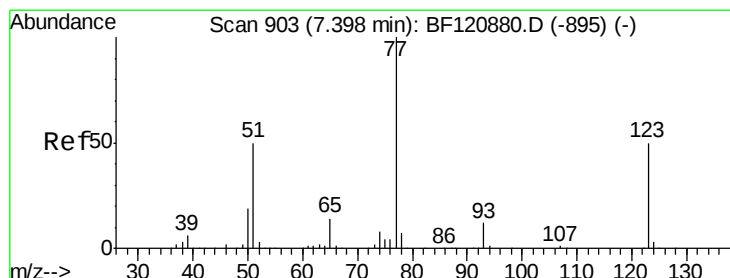
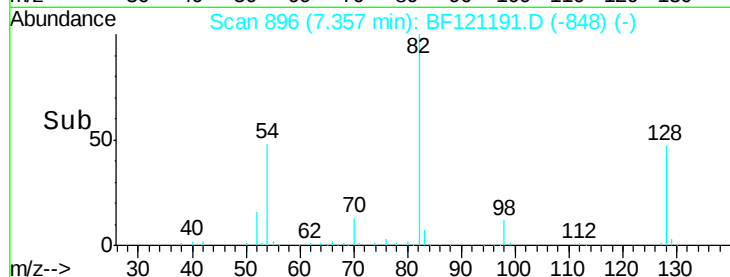
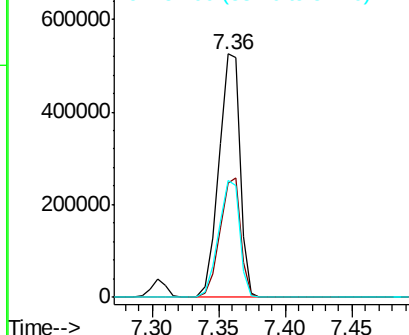
#23
 Nitrobenzene-d5
 Concen: 70.943 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	82	Resp	591420
Ion Ratio	Lower	Upper	
82	100		
128	46.9	39.2	58.8
54	48.0	37.8	56.8

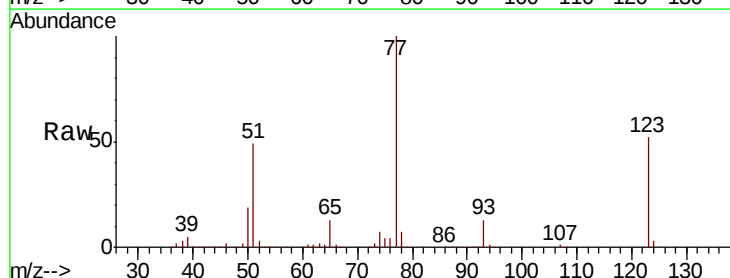


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

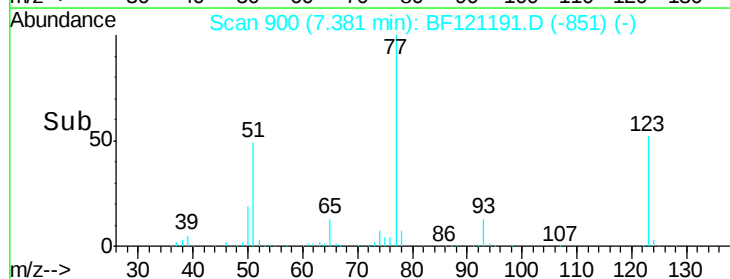
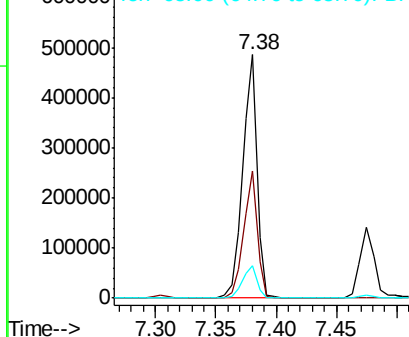


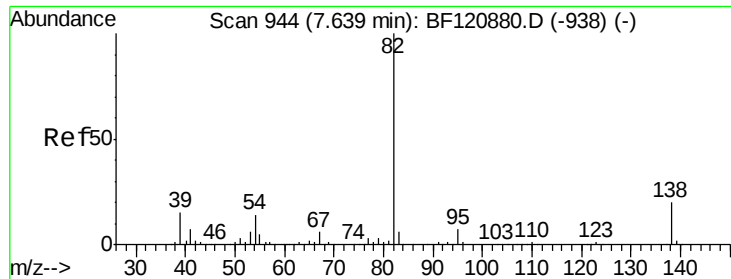
#24
 Nitrobenzene
 Concen: 44.976 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion	77	Resp	404114
Ion Ratio	Lower	Upper	
77	100		
123	52.0	41.0	61.6
65	13.4	10.3	15.5



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

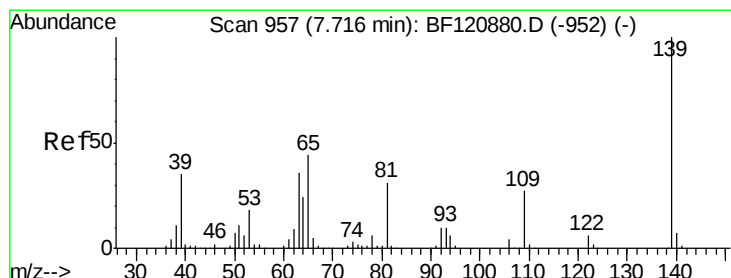
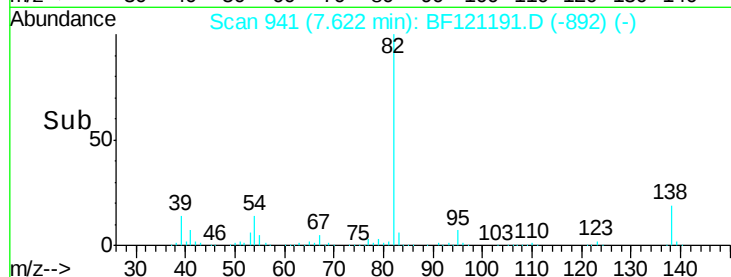
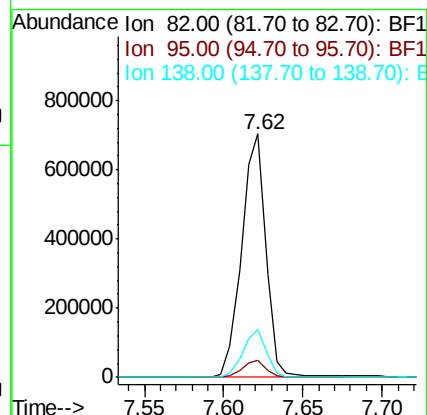
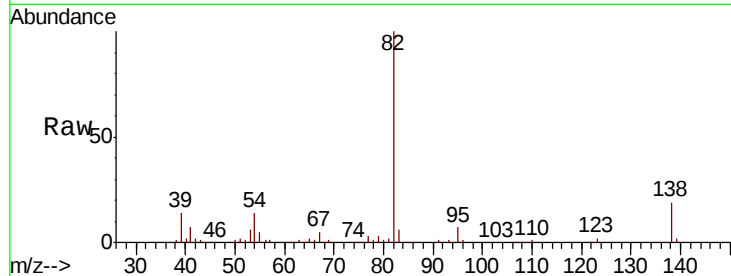




#25
Isophorone
Concen: 44.696 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

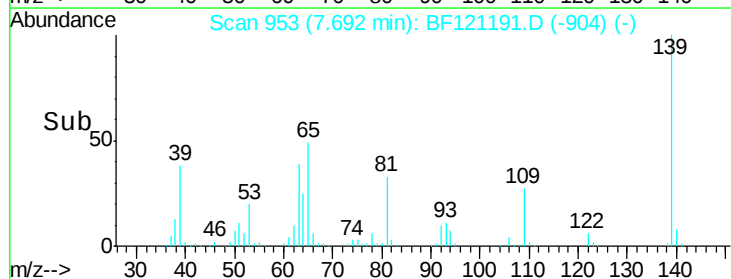
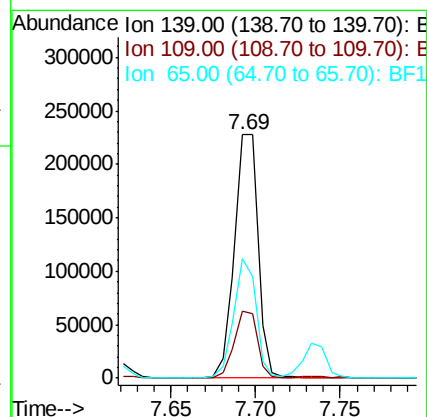
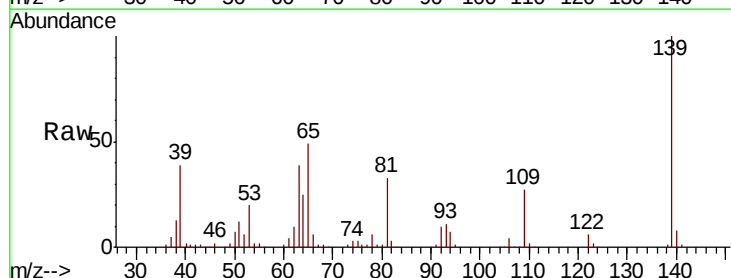
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

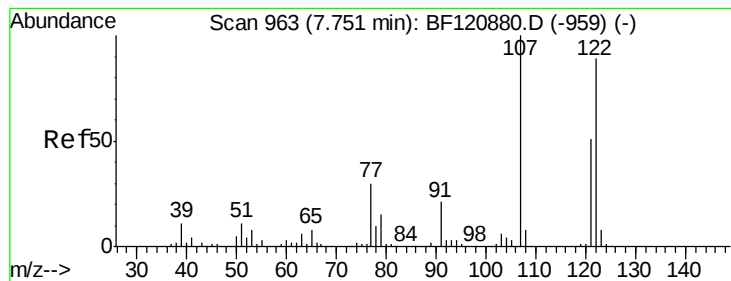
Tot Ion: 82 Resp: 743642
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.4 16.2 24.2



#26
2-Nitrophenol
Concen: 52.014 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion: 139 Resp: 221963
Ion Ratio Lower Upper
139 100
109 27.4 21.7 32.5
65 49.1 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 50.274 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

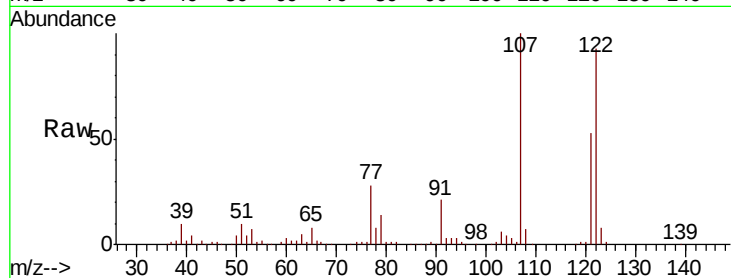
Tot Ion:122 Resp: 348320

Ion Ratio Lower Upper

122 100

107 107.7 87.1 130.7

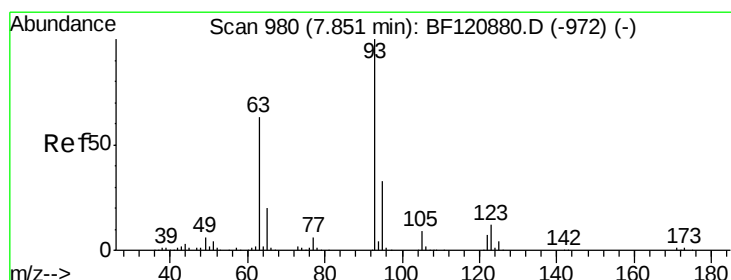
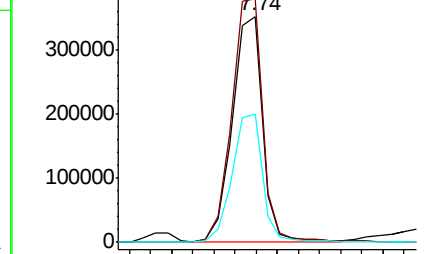
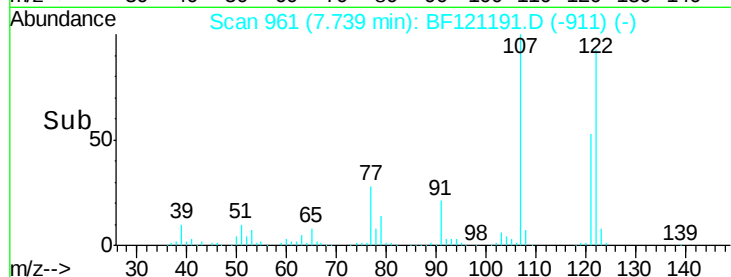
121 56.8 45.5 68.3



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: 46.283 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

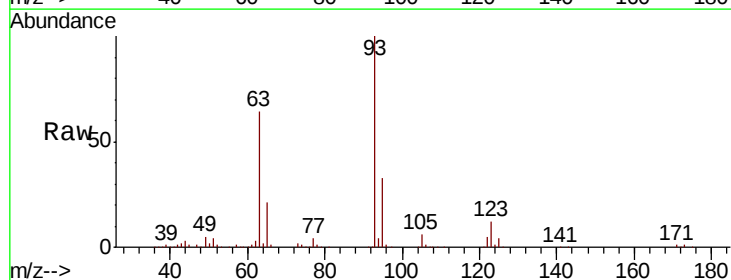
Tgt Ion: 93 Resp: 470057

Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.4

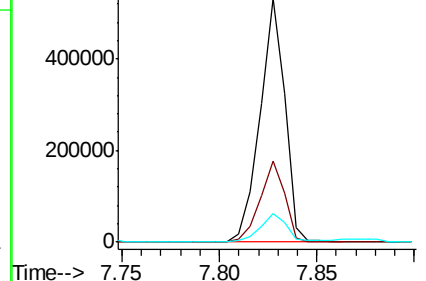
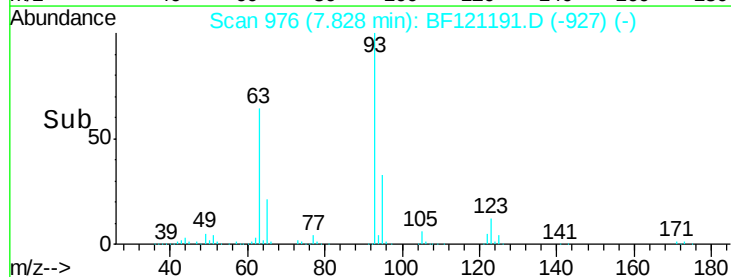
123 11.9 9.5 14.3

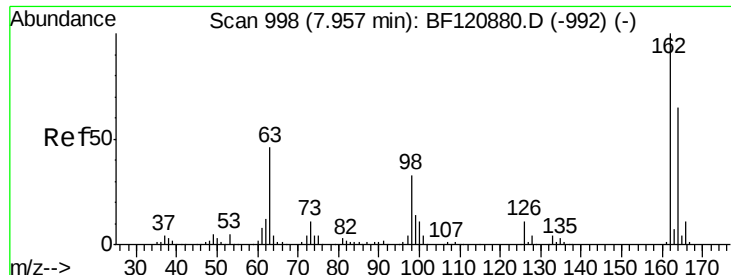


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

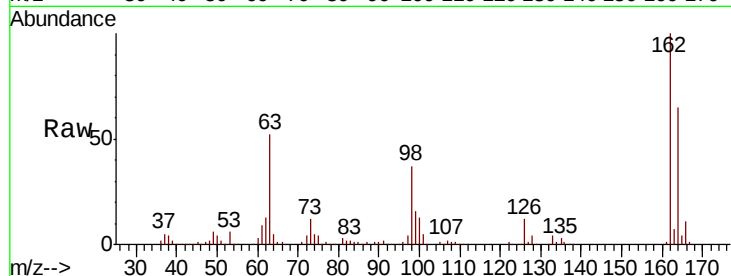




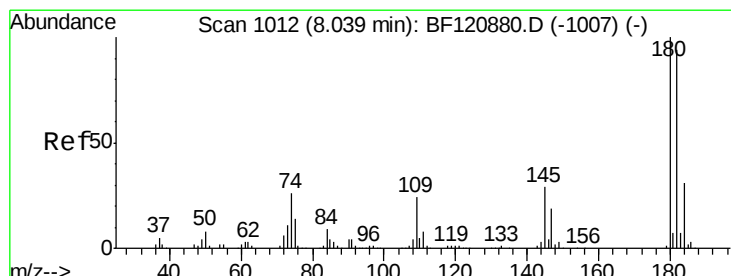
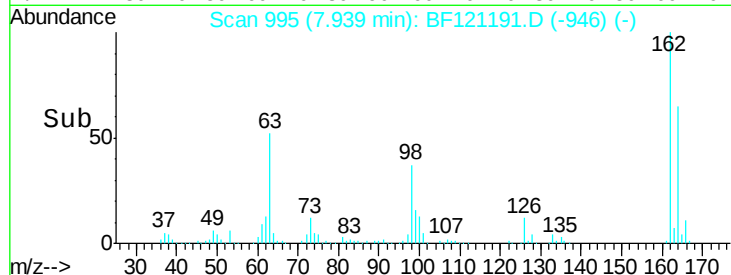
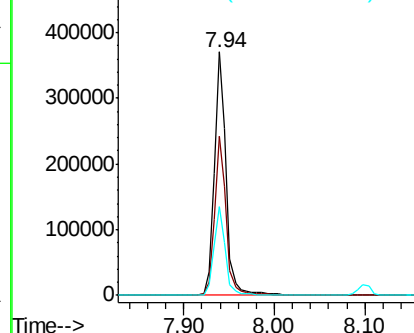
#29
2,4-Dichlorophenol
Concen: 47.980 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.7	84.7
98	36.6	14.2	54.2

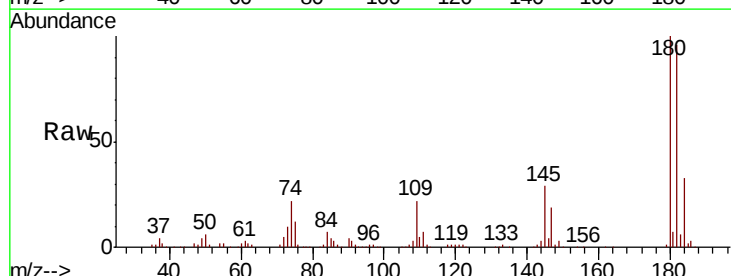


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

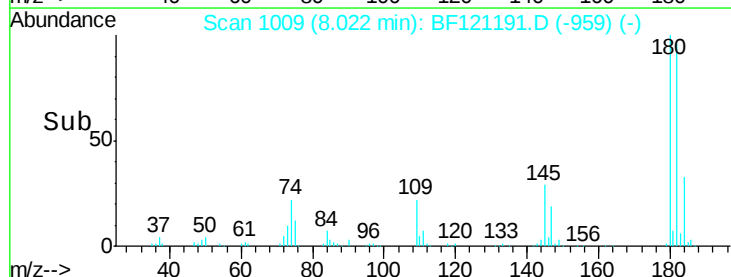
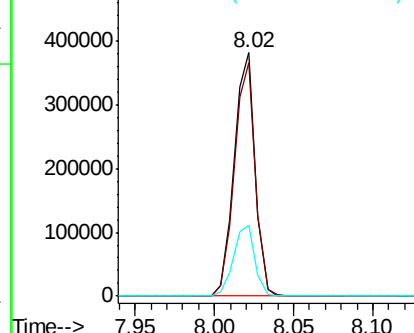


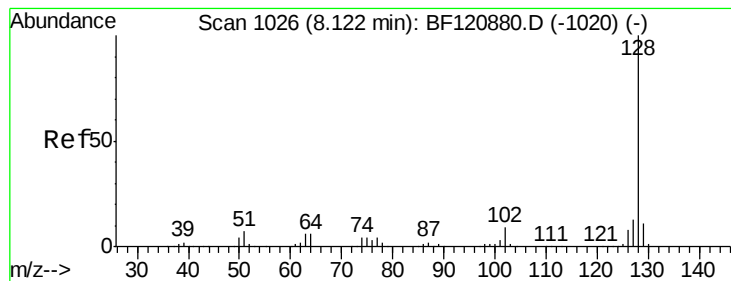
#30
1,2,4-Trichlorobenzene
Concen: 44.382 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
145	29.0	24.2	36.4



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: 44.213 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

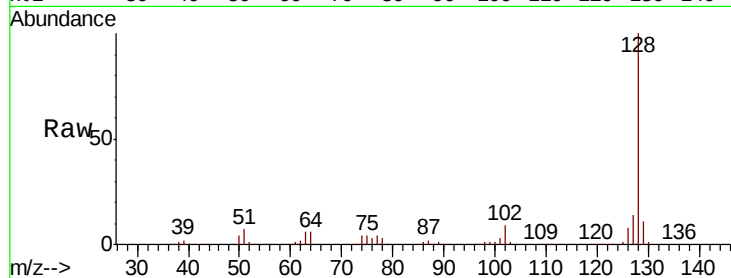
Tot Ion:128 Resp: 1093993

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

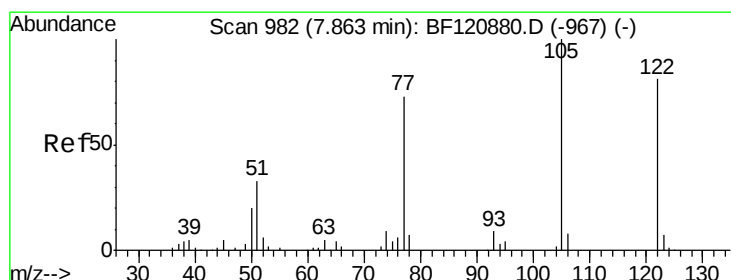
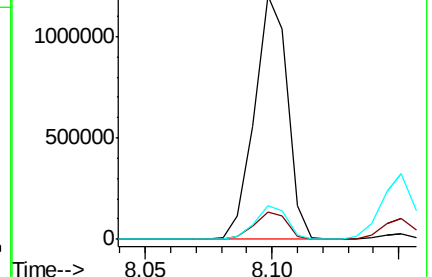
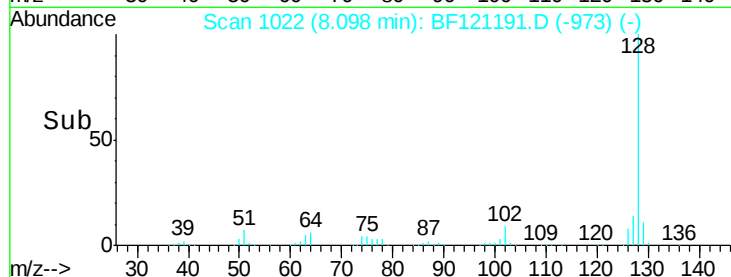
127 13.6 10.8 16.2



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: 46.543 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

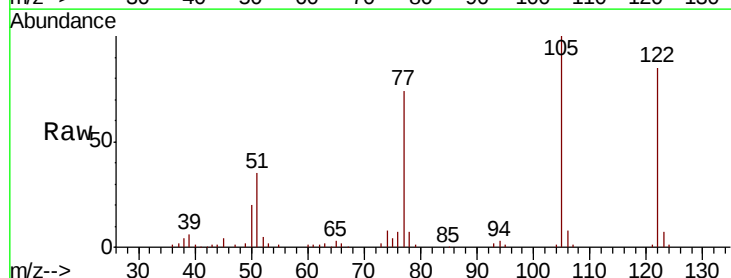
Tgt Ion:122 Resp: 242068

Ion Ratio Lower Upper

122 100

105 117.1 100.9 140.9

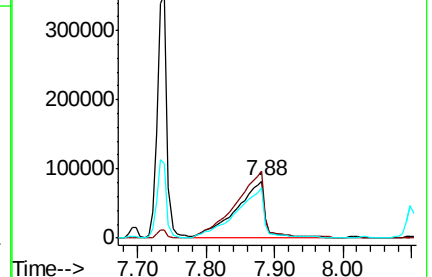
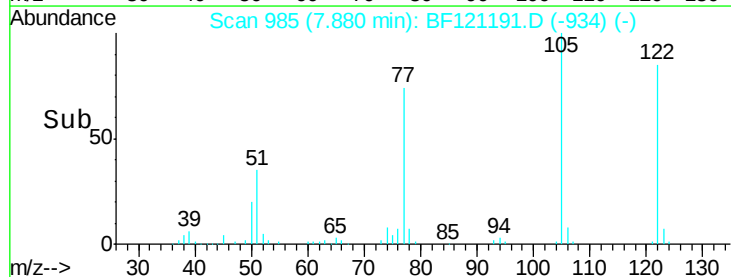
77 87.2 67.8 107.8



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

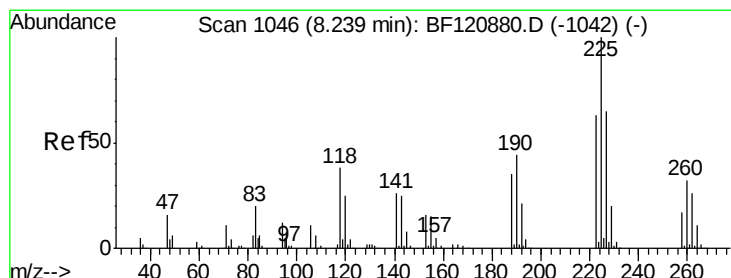
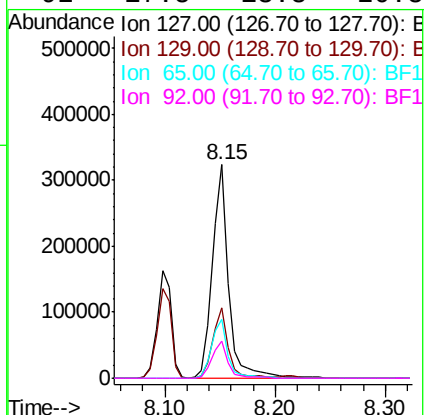
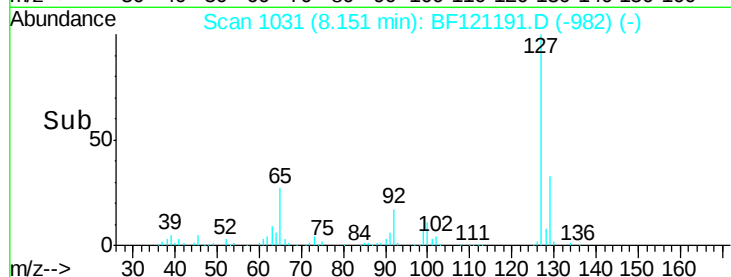
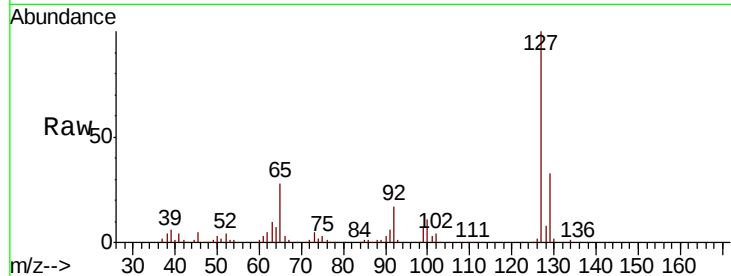




#33
4-Chloroaniline
Concen: 29.047 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

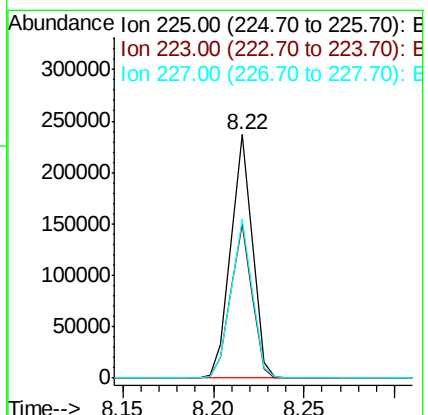
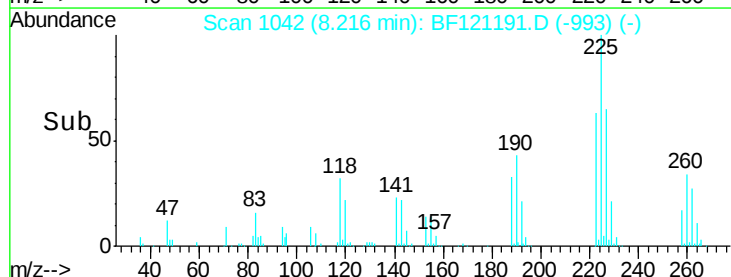
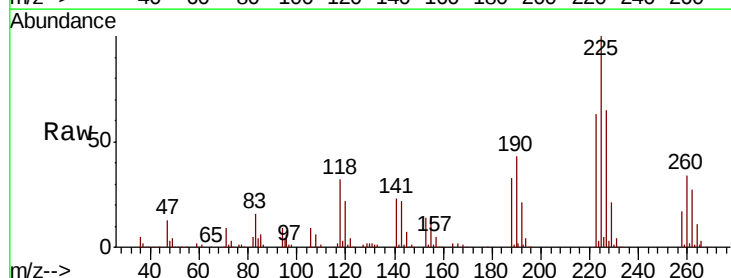
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	127	Resp:	320623
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	27.6	21.4	32.0
92	17.5	13.8	20.8



#34
Hexachlorobutadiene
Concen: 43.062 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:	225	Resp:	199401
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	65.1	51.4	77.0

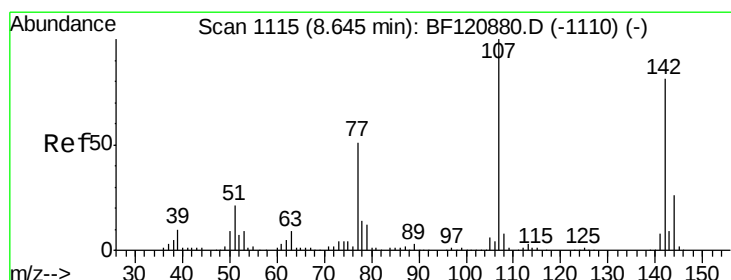
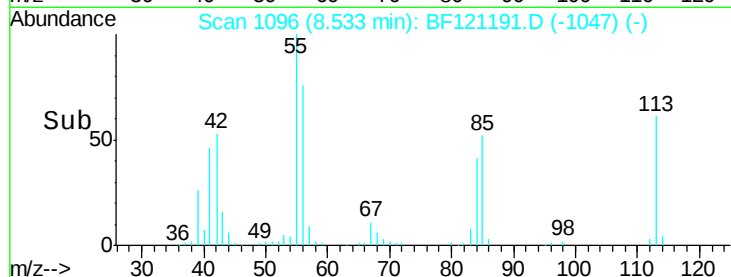
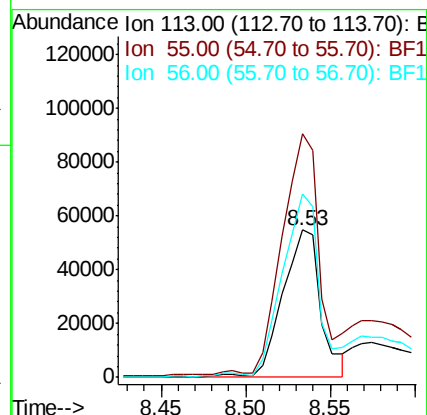
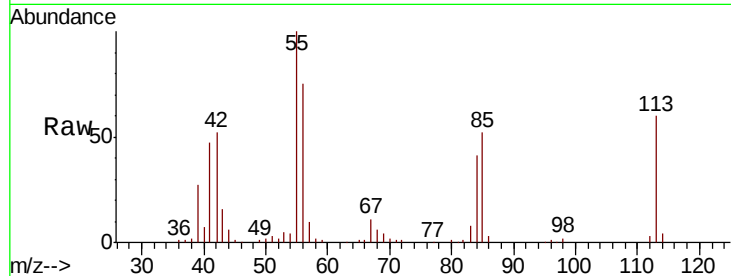




#35
Caprolactam
Concen: 37.624 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

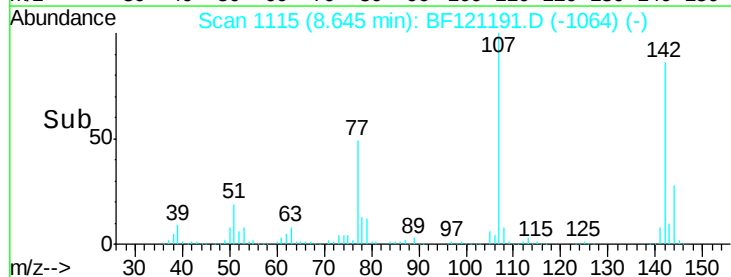
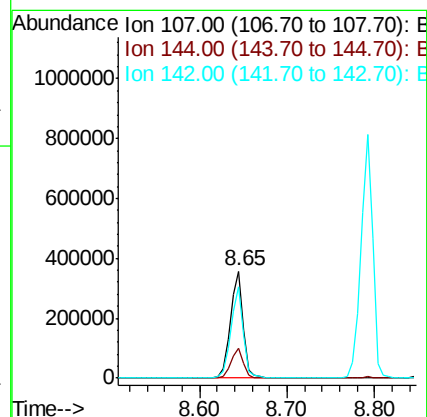
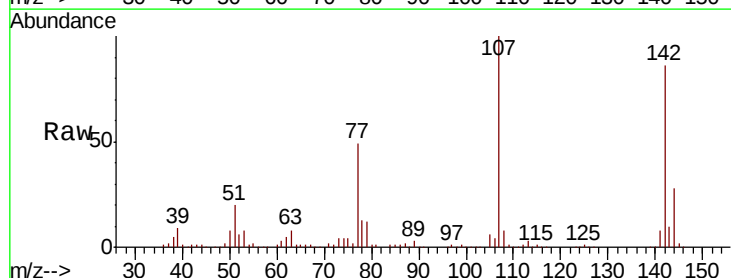
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

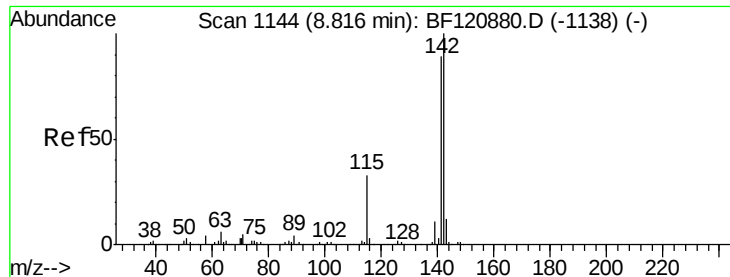
Tot Ion:113 Resp: 85422
Ion Ratio Lower Upper
113 100
55 165.4 131.0 171.0
56 124.3 90.4 130.4



#36
4-Chloro-3-methylphenol
Concen: 49.615 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:107 Resp: 360262
Ion Ratio Lower Upper
107 100
144 27.7 20.9 31.3
142 85.5 64.5 96.7

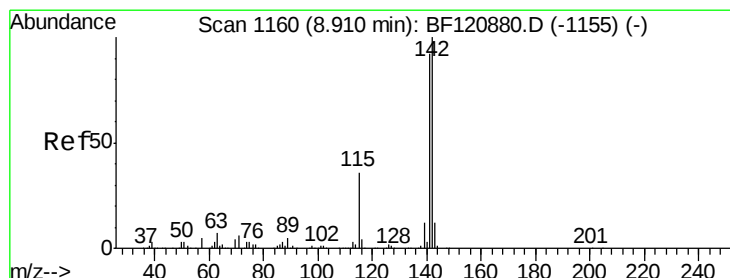
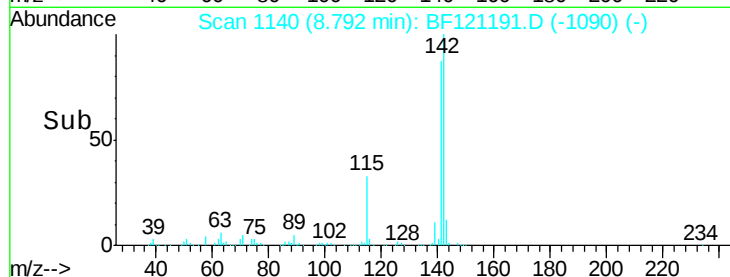
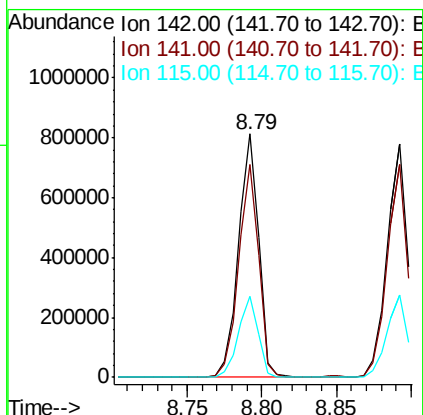
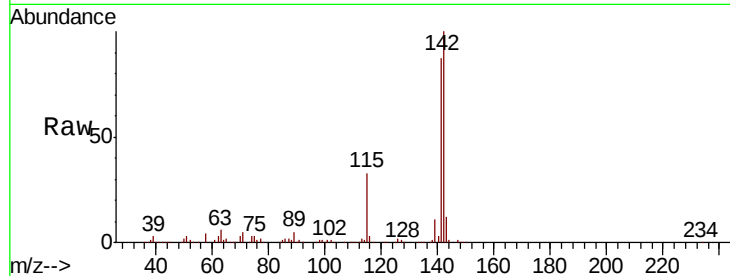




#37
2-Methylnaphthalene
Concen: 47.784 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

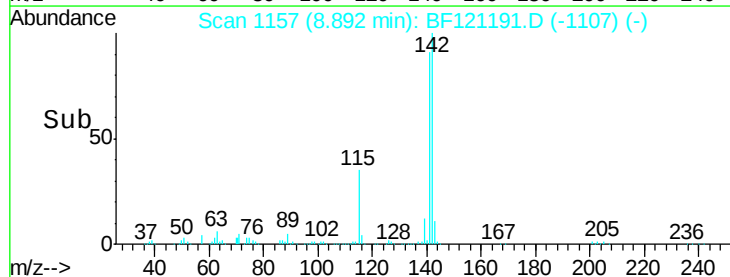
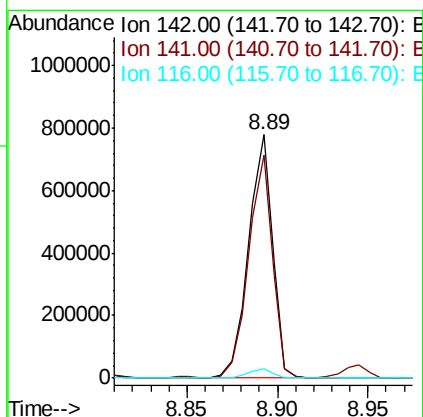
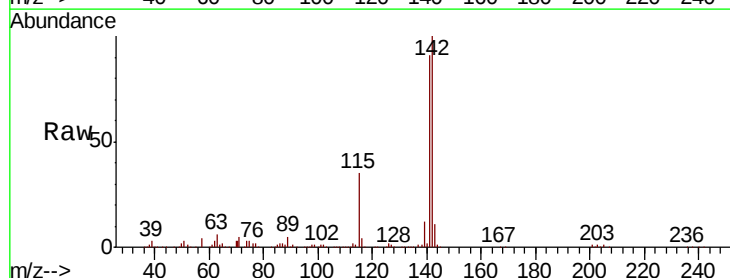
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

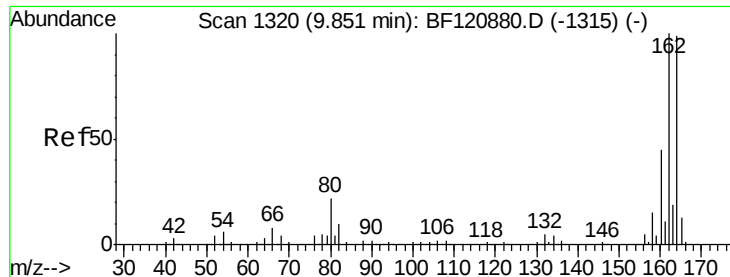
Tot Ion:142 Resp: 767703
Ion Ratio Lower Upper
142 100
141 87.2 70.6 105.8
115 33.2 27.1 40.7



#38
1-Methylnaphthalene
Concen: 47.143 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:142 Resp: 717333
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

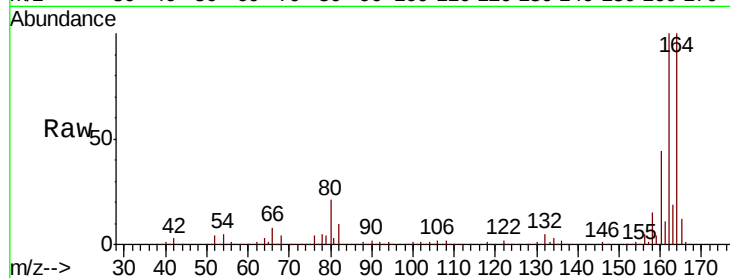
Tot Ion:164 Resp: 255992

Ion Ratio Lower Upper

164 100

162 99.6 82.2 123.2

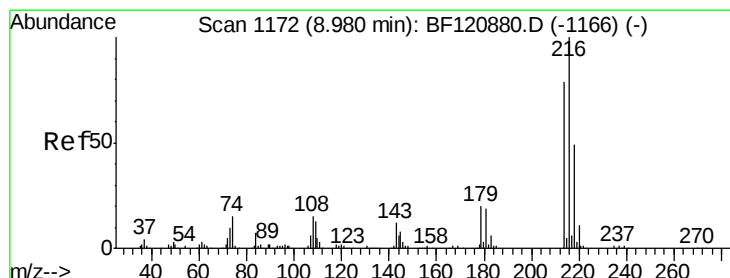
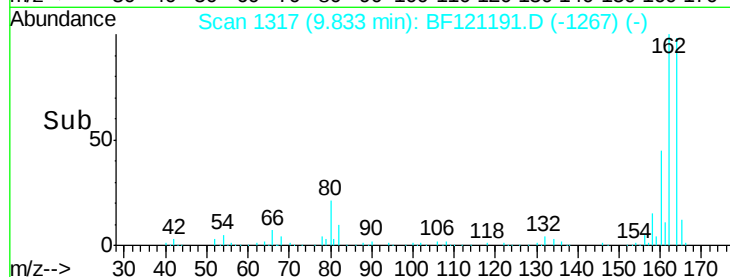
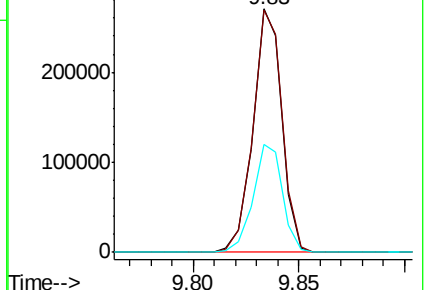
160 44.5 37.2 55.8



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: 47.015 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:216 Resp: 350659

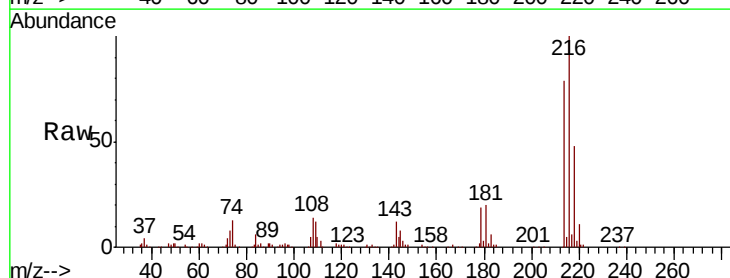
Ion Ratio Lower Upper

216 100

214 79.6 63.9 95.9

179 20.4 16.6 24.8

108 19.9 15.0 22.4

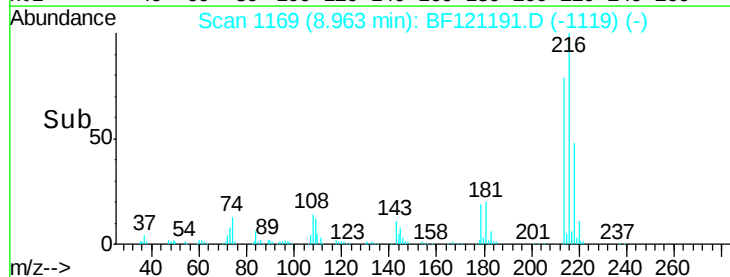
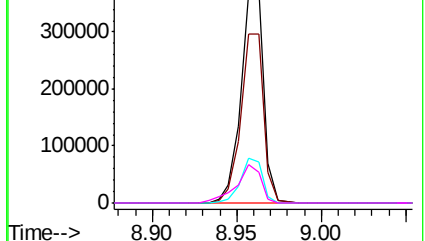


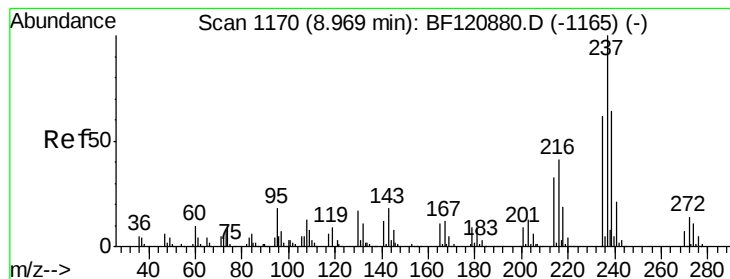
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.927 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

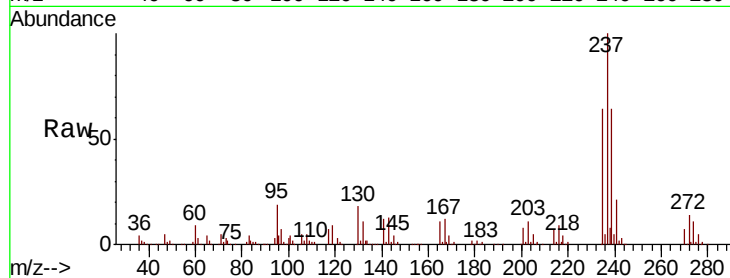
Tot Ion:237 Resp: 325349

Ion Ratio Lower Upper

237 100

235 64.0 43.2 83.2

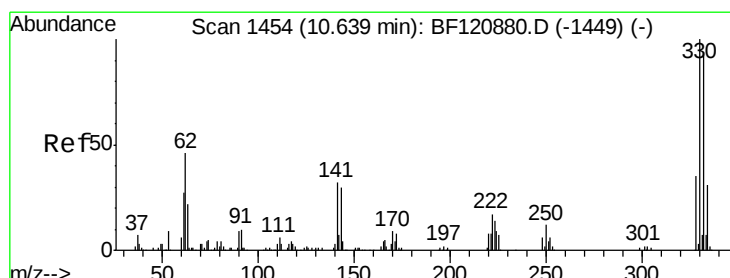
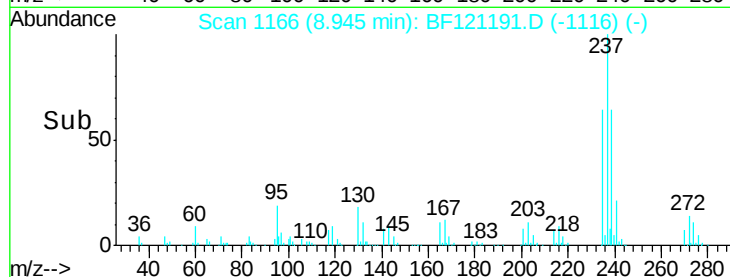
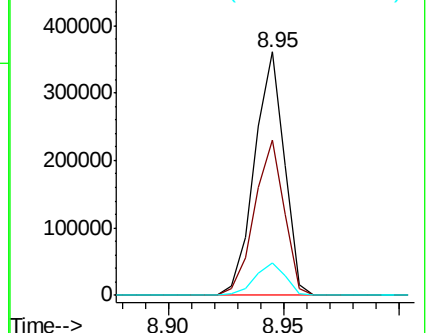
272 13.5 0.0 33.6



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: 102.503 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

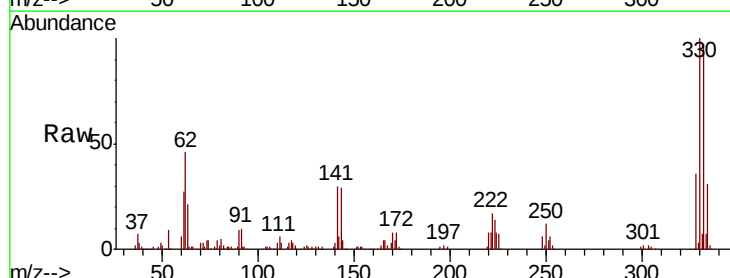
Tgt Ion:330 Resp: 287223

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

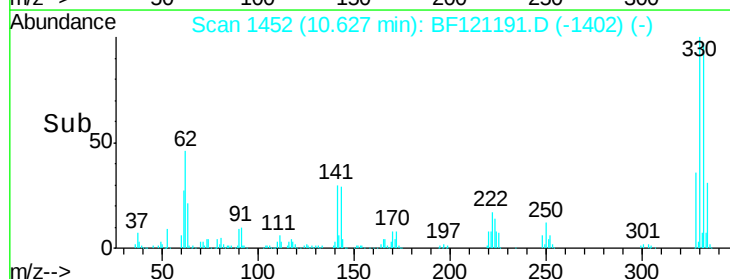
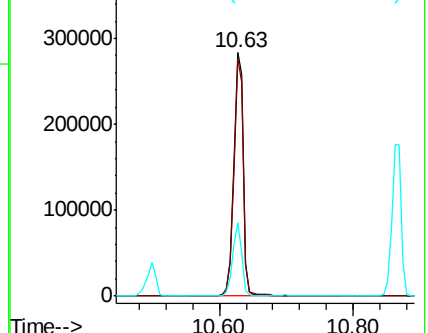
141 29.0 24.1 36.1

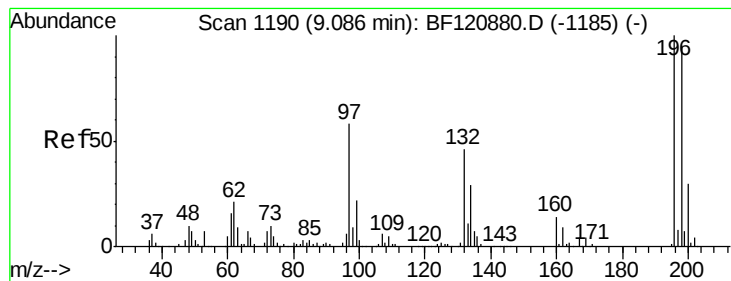


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 47.849 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

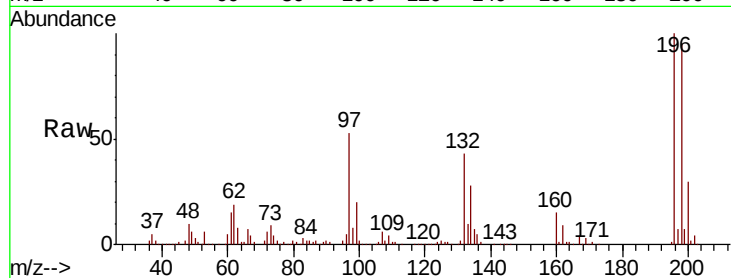
Tot Ion:196 Resp: 251276

Ion Ratio Lower Upper

196 100

198 95.0 77.5 116.3

200 30.0 24.6 37.0

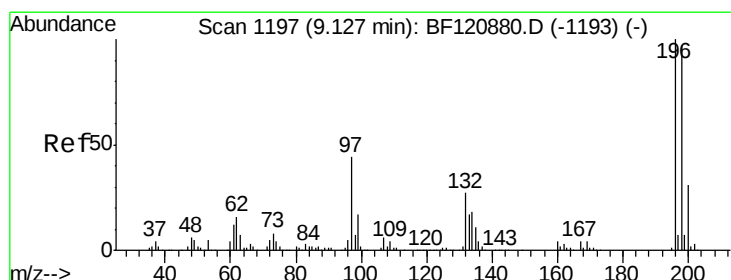
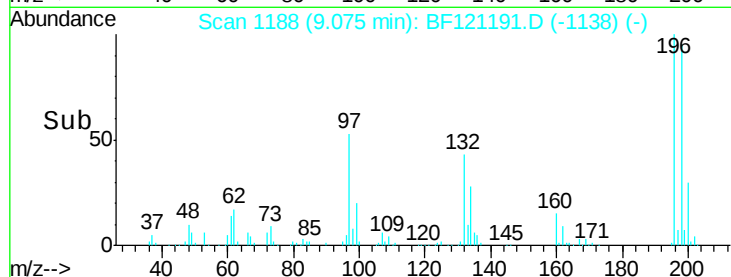
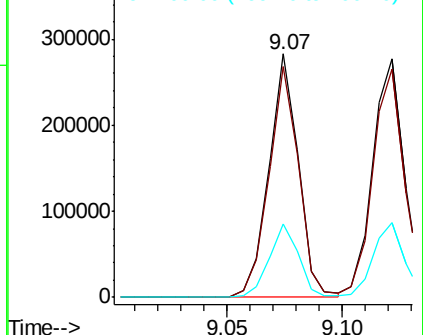


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.400 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:196 Resp: 270442

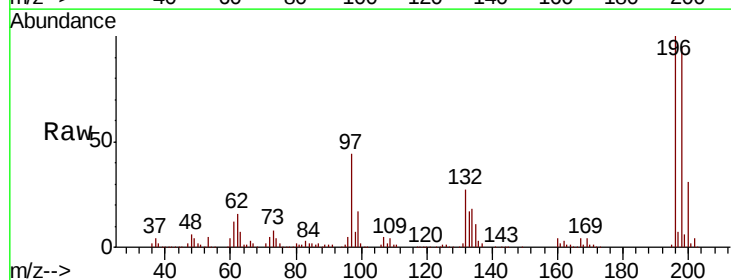
Ion Ratio Lower Upper

196 100

198 95.5 76.2 114.4

97 44.1 37.3 55.9

132 26.8 22.0 33.0



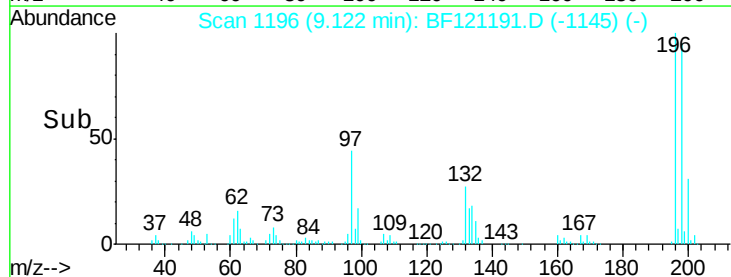
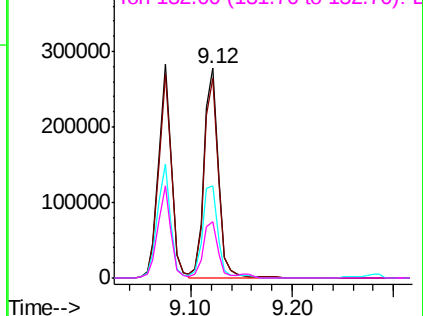
Abundance

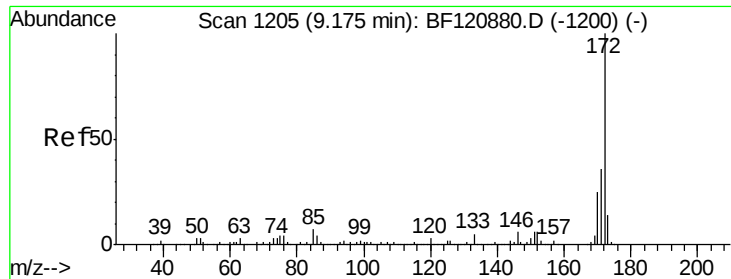
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

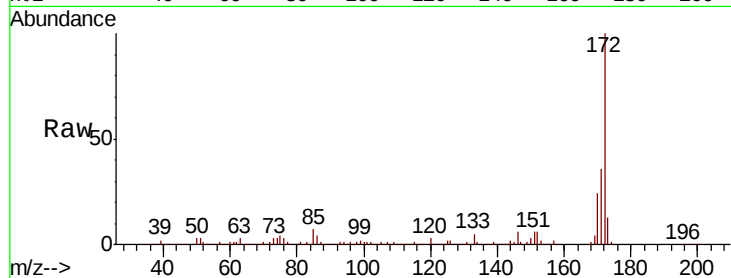




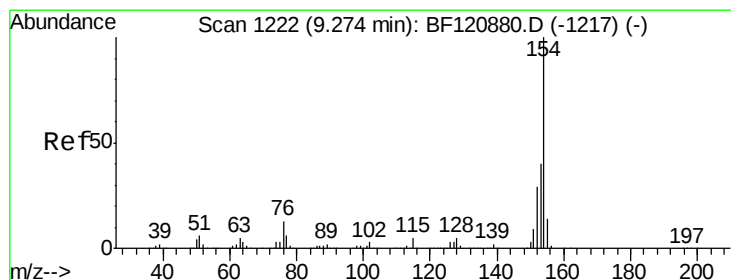
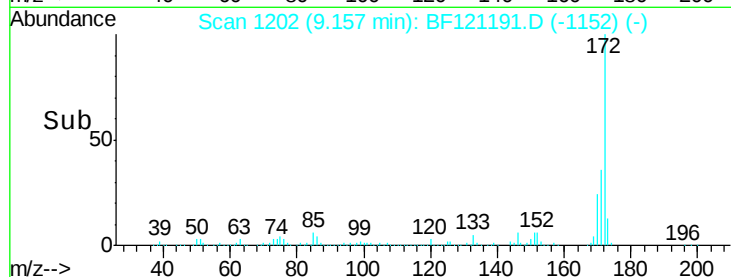
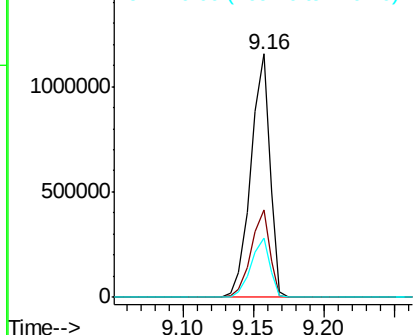
#45
 2-Fluorobiphenyl
 Concen: 64.135 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:172 Resp: 1099633
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.2 19.6 29.4

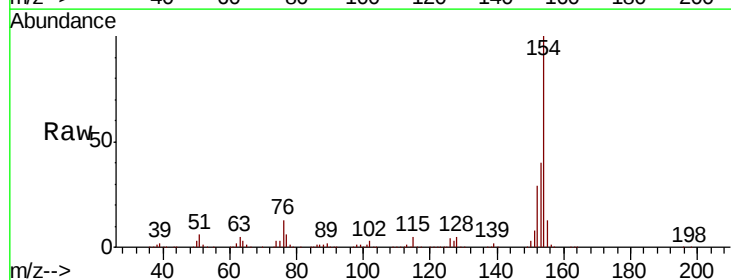


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

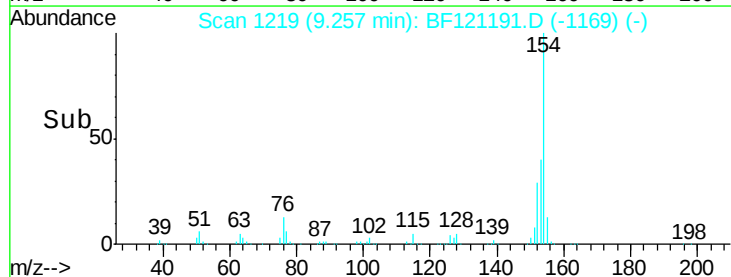
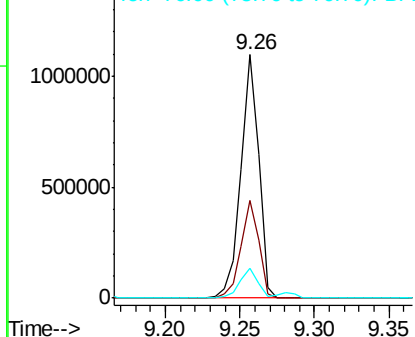


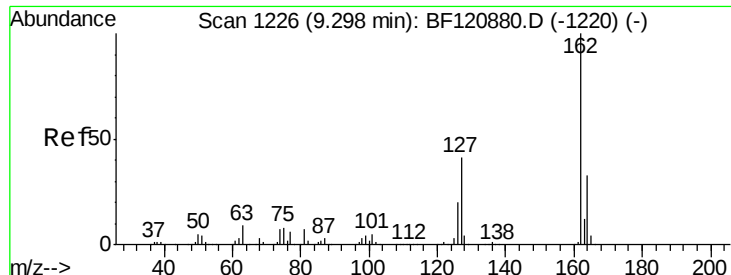
#46
 1,1'-Biphenyl
 Concen: 46.904 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion:154 Resp: 915905
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.6 60.6
 76 12.5 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

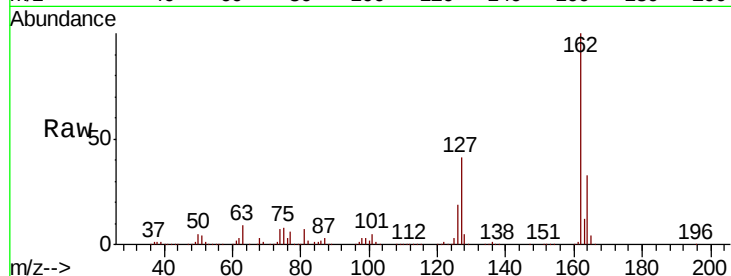




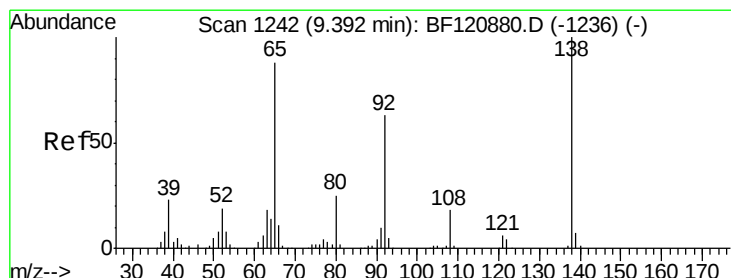
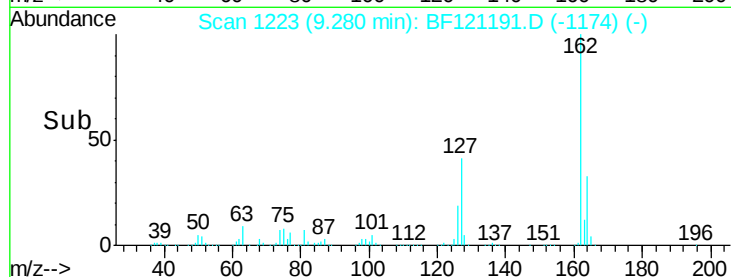
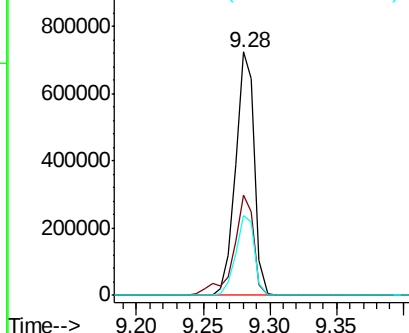
#47
2-Chloronaphthalene
Concen: 44.722 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	31.1	46.7
164	32.7	26.6	40.0

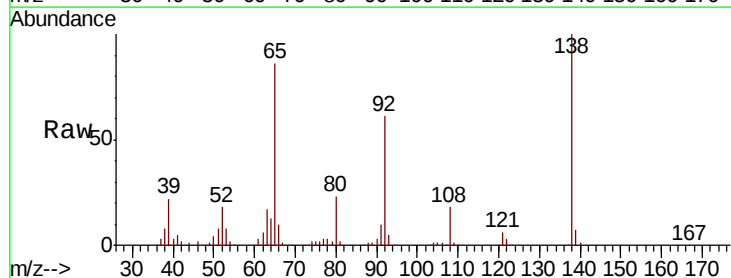


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

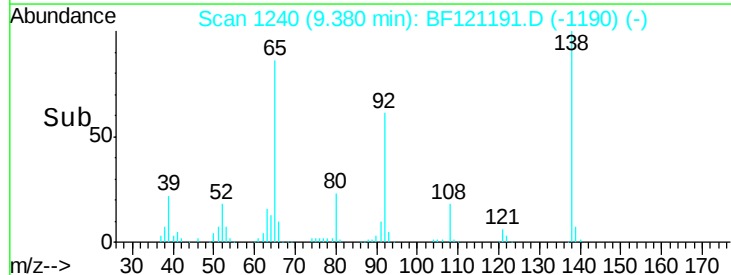
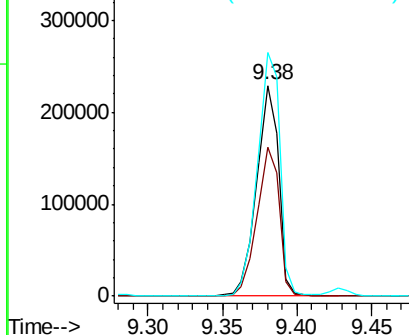


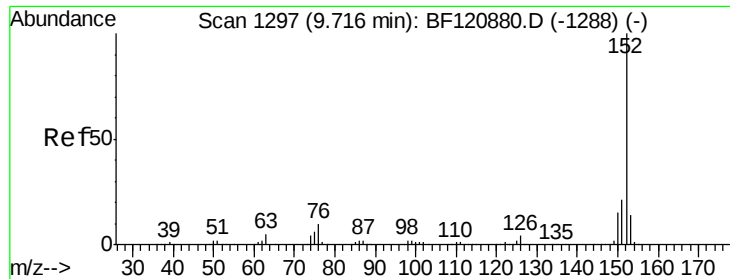
#48
2-Nitroaniline
Concen: 48.300 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	58.0	87.0
138	115.7	93.3	139.9



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: 46.671 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

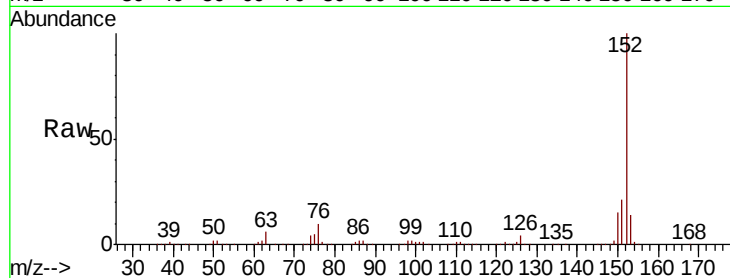
Tot Ion:152 Resp: 1154297

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

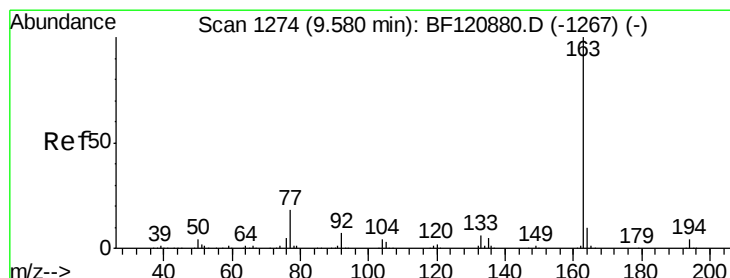
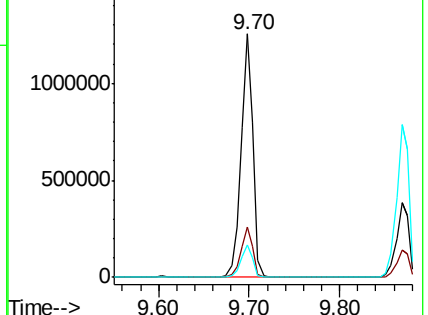
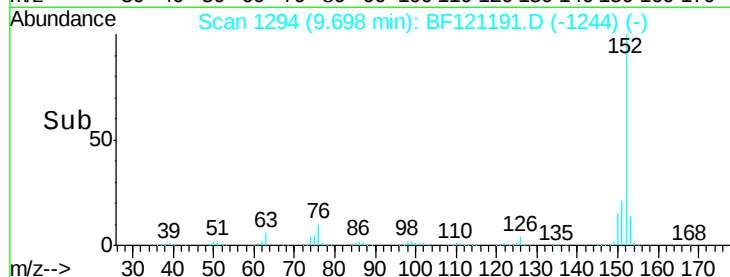
153 13.6 11.0 16.4



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: 52.499 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

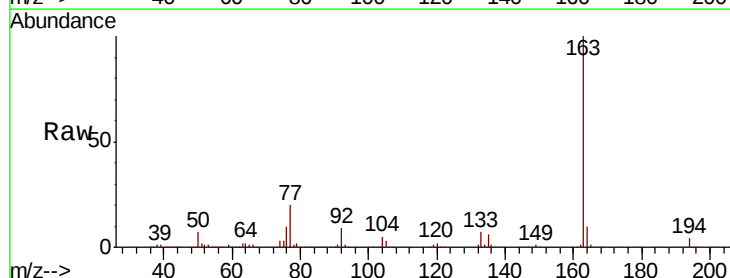
Tgt Ion:163 Resp: 969563

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

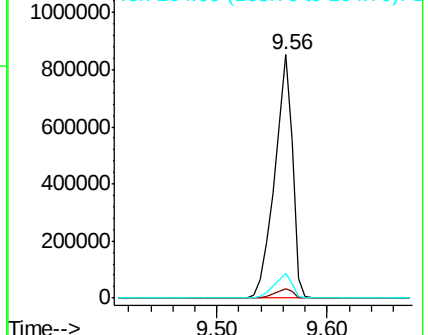
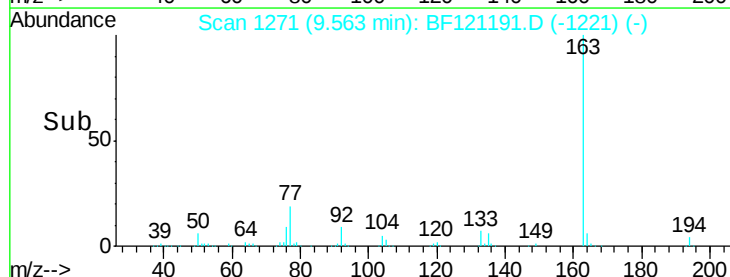
164 10.3 8.4 12.6



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

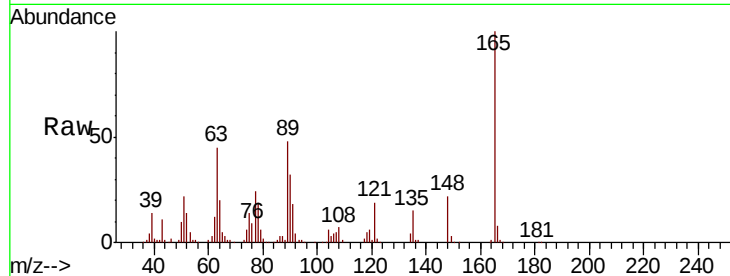




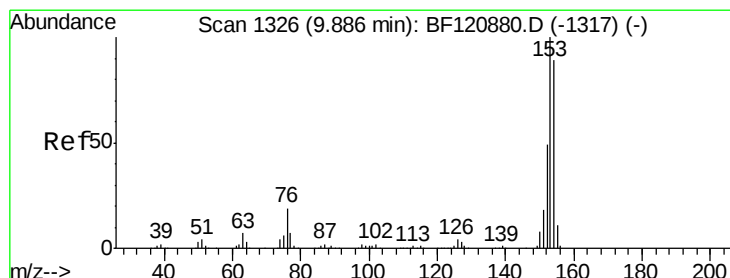
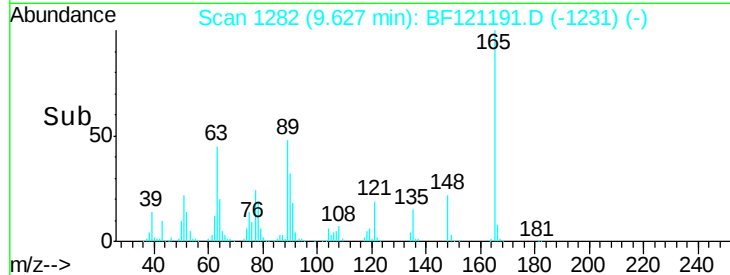
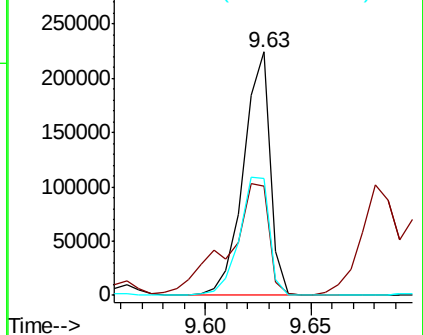
#51
2,6-Dinitrotoluene
Concen: 49.437 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	41.1	61.7
89	48.2	43.5	65.3

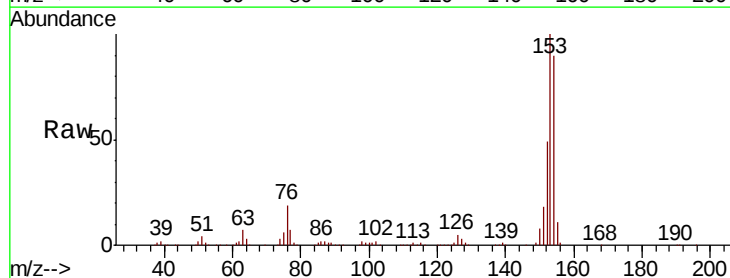


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

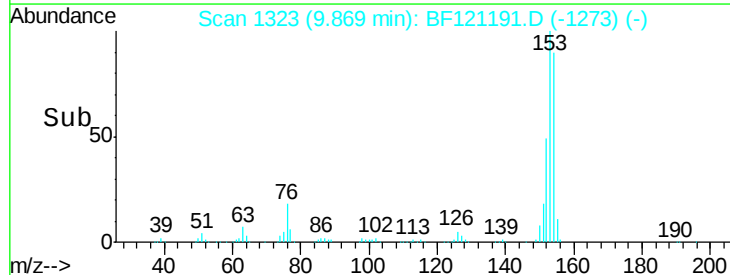
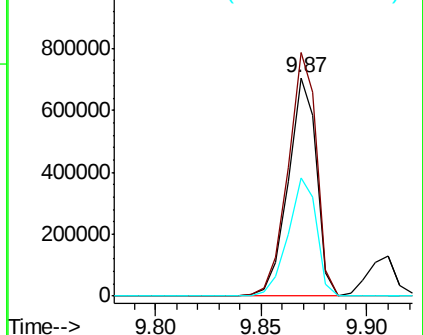


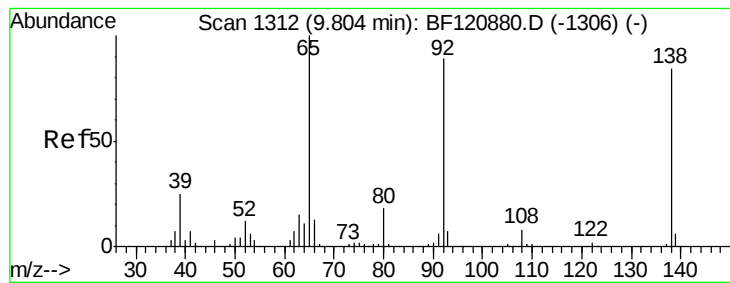
#52
Acenaphthene
Concen: 42.104 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.6	134.4
152	54.3	43.8	65.6



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: 30.548 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

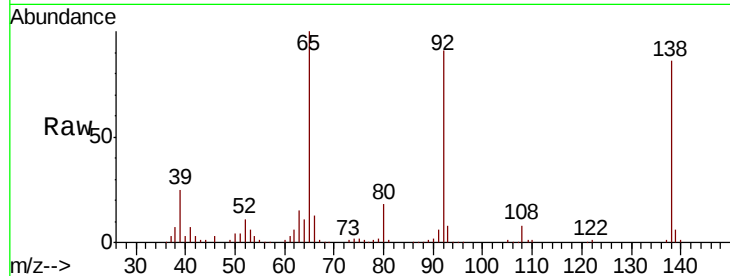
Tot Ion:138 Resp: 152016

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.8

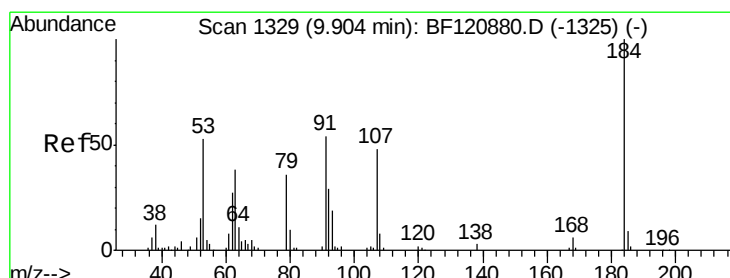
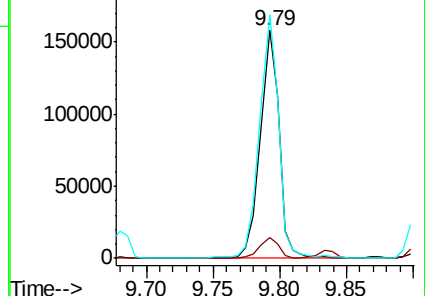
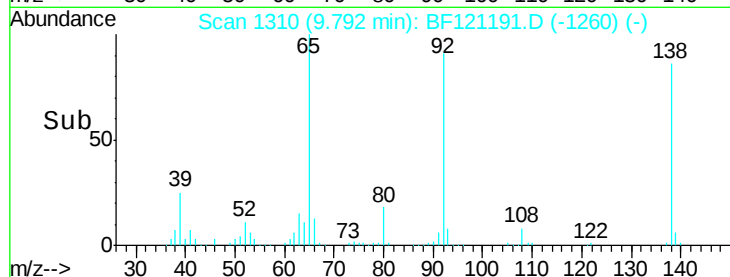
92 106.9 85.0 127.4



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: 94.245 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

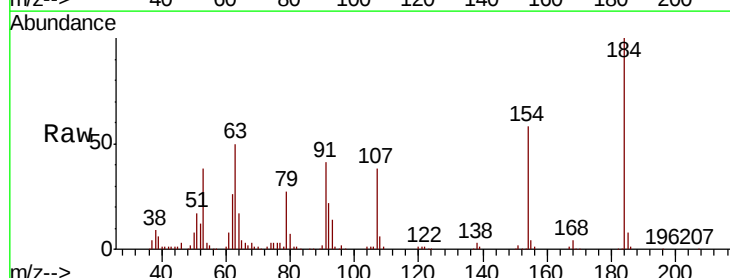
Tgt Ion:184 Resp: 218277

Ion Ratio Lower Upper

184 100

63 50.5 42.5 63.7

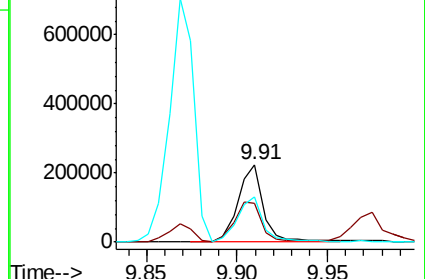
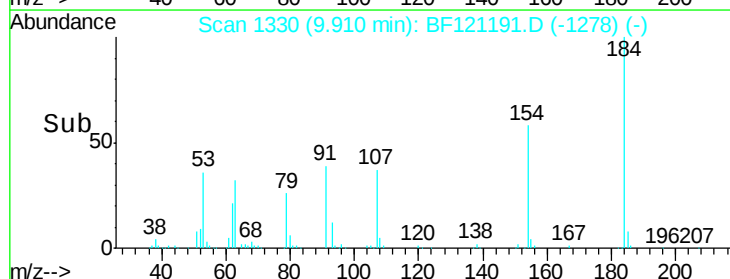
154 57.9 46.8 70.2

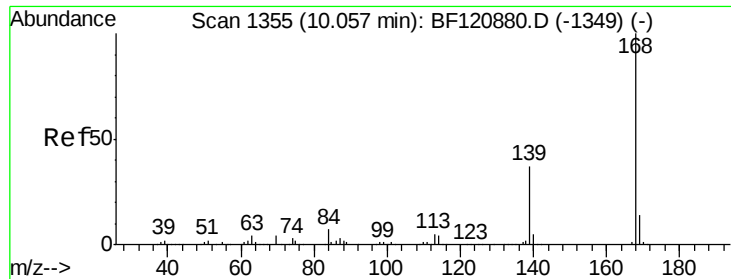


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

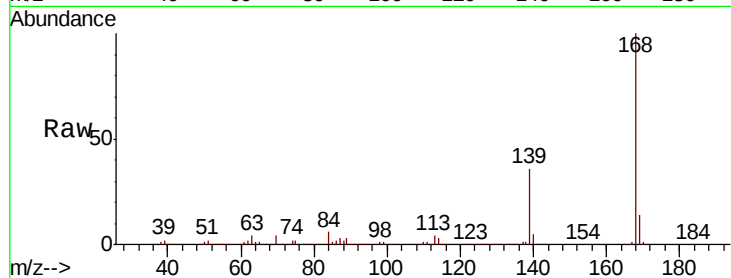




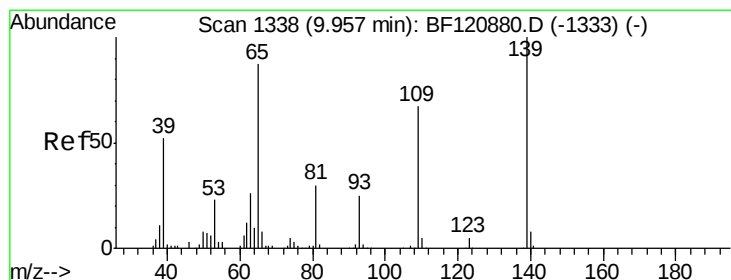
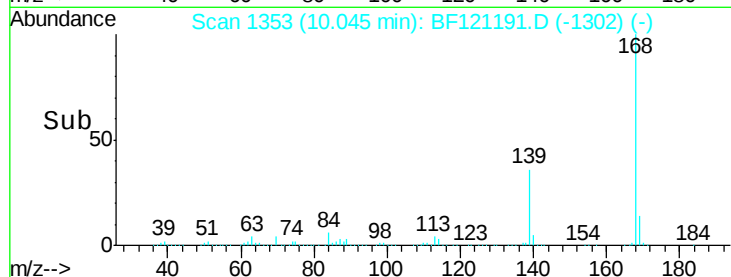
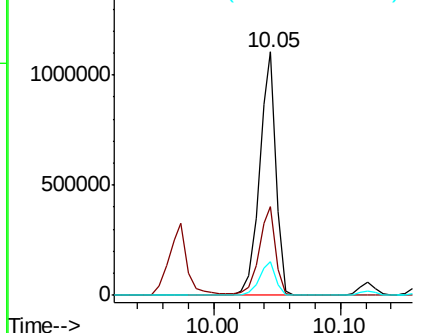
#55
Dibenzenofuran
Concen: 43.991 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:168 Resp: 1000309
Ion Ratio Lower Upper
168 100
139 36.4 30.1 45.1
169 13.7 11.3 16.9

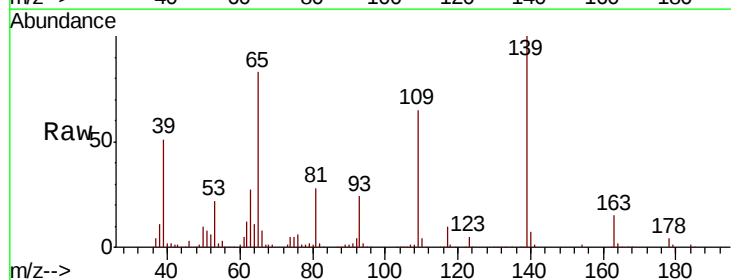


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

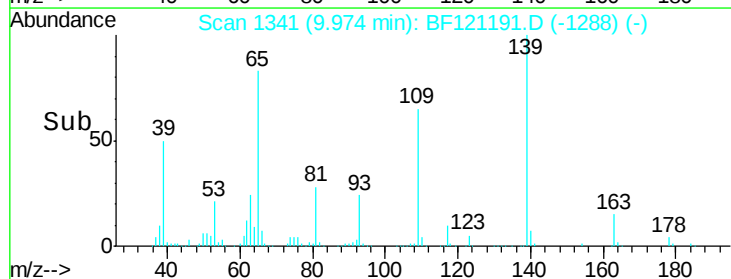
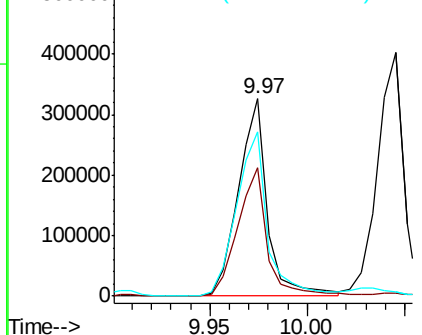


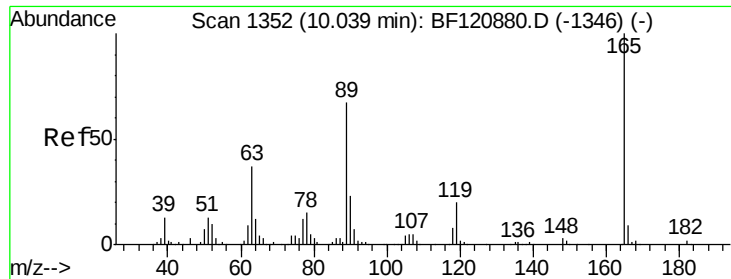
#56
4-Nitrophenol
Concen: 88.096 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:139 Resp: 333012
Ion Ratio Lower Upper
139 100
109 65.4 44.8 84.8
65 83.4 65.6 105.6



Abundance Ion 139.00 (138.70 to 139.70): E
500000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

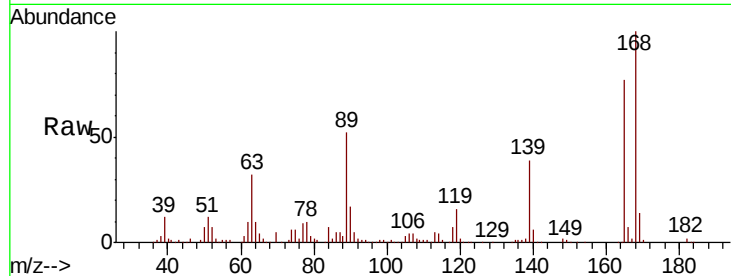




#57
2,4-Dinitrotoluene
Concen: 49.106 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	165	Resp:	255863
Ion	Ratio	Lower	Upper
165	100		
63	42.0	29.8	44.8
89	67.3	50.3	75.5
182	2.6	2.1	3.1



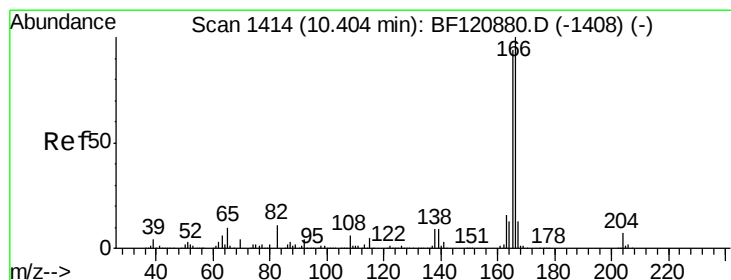
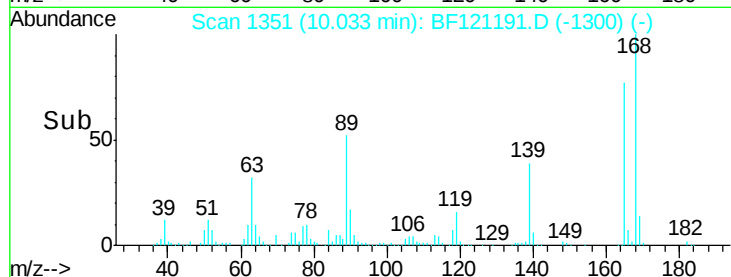
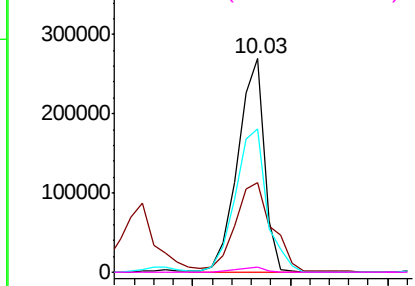
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

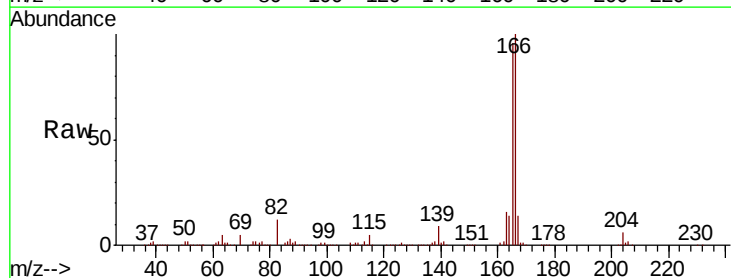
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.838 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:	166	Resp:	760431
Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.4	114.6
167	13.9	10.7	16.1

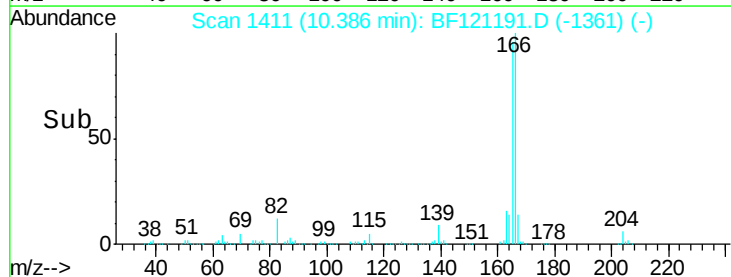
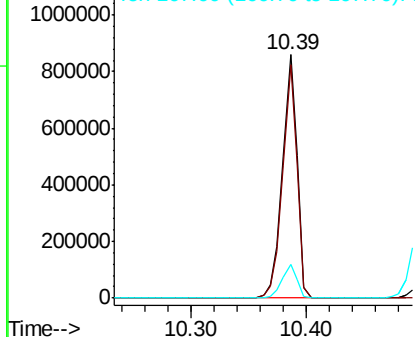


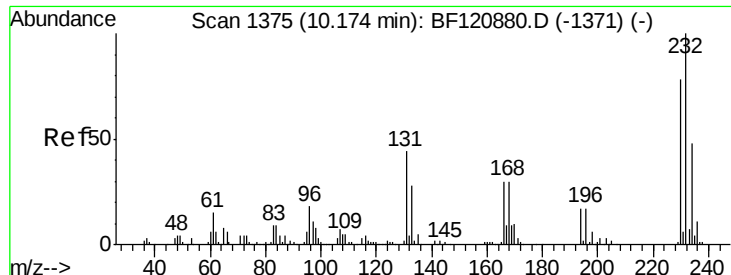
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

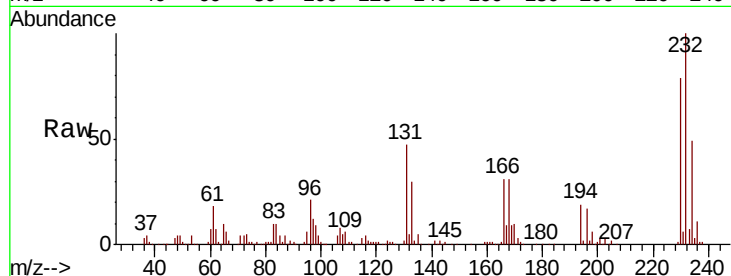




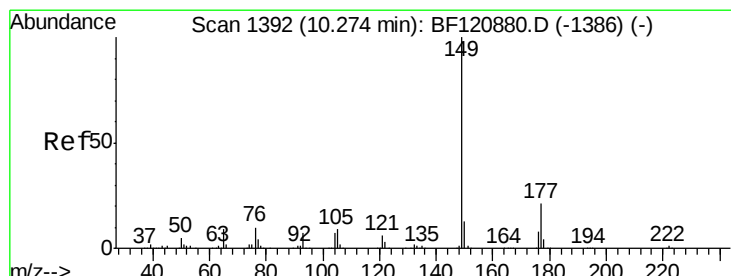
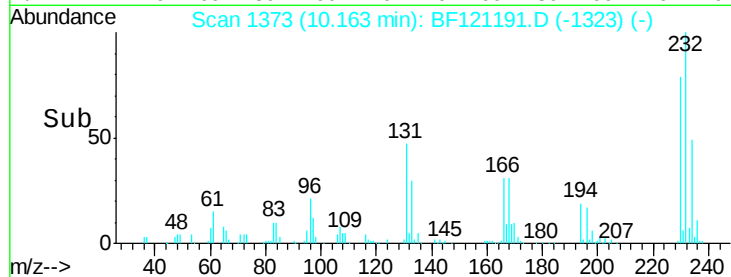
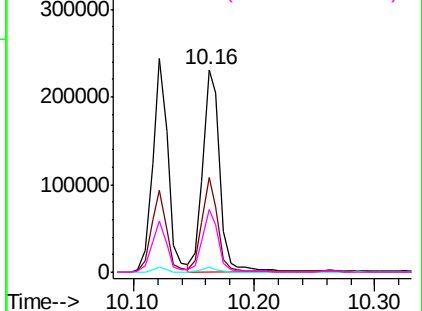
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.970 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:	232	Resp:	226636
Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.2	51.2
130	2.2	1.7	2.5
166	29.0	23.1	34.7

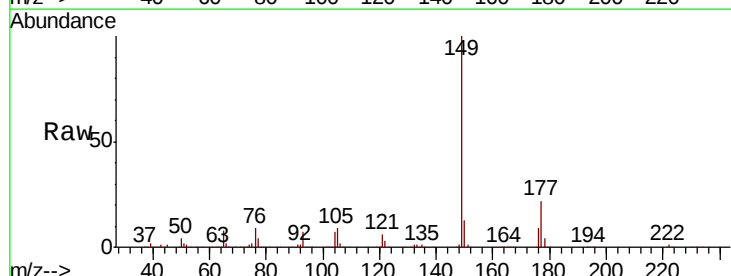


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

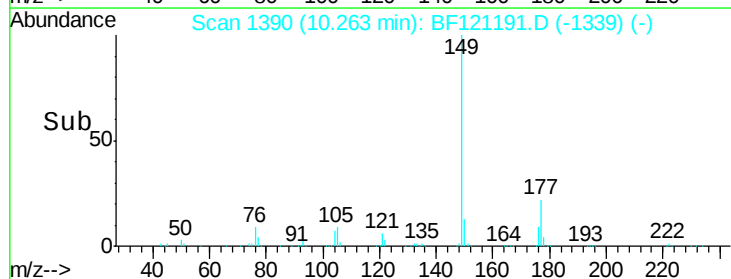
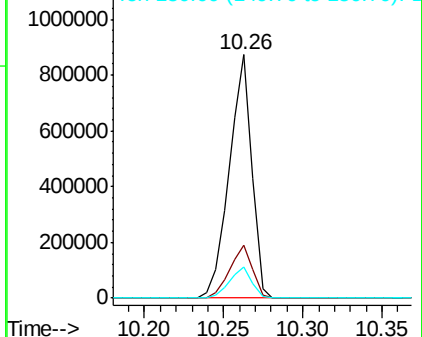


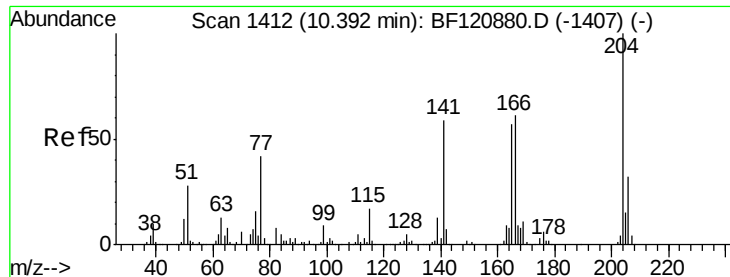
#60
 Diethylphthalate
 Concen: 45.858 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion:	149	Resp:	856639
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.6	26.4
150	12.6	10.2	15.4



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

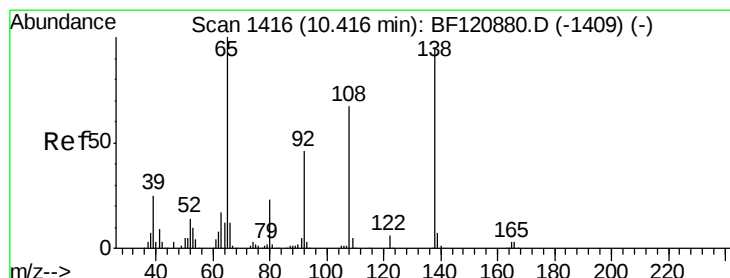
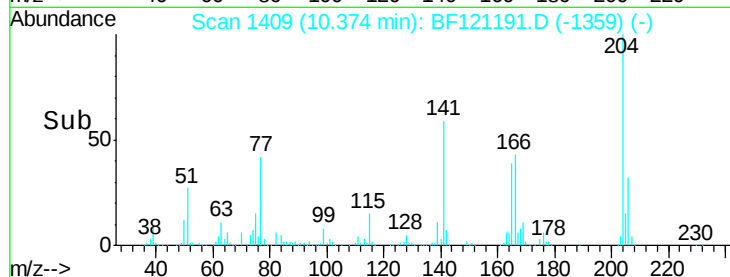
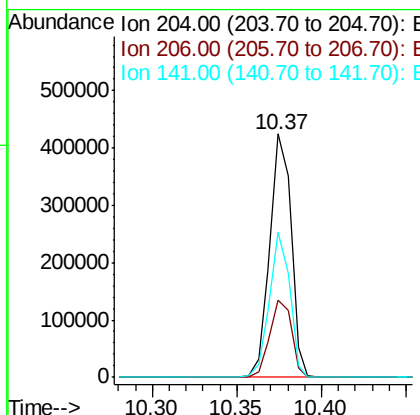
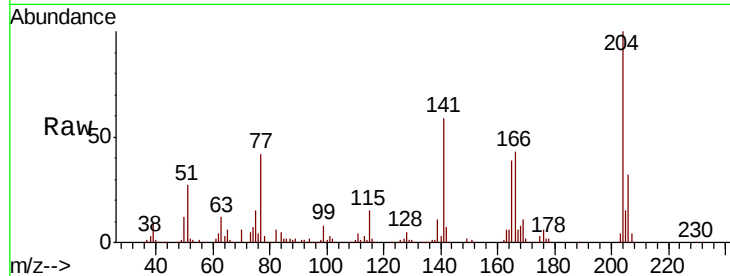




#61
 4-Chlorophenyl-phenylether
 Concen: 41.283 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

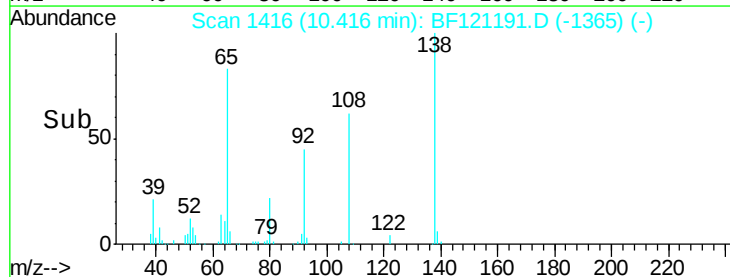
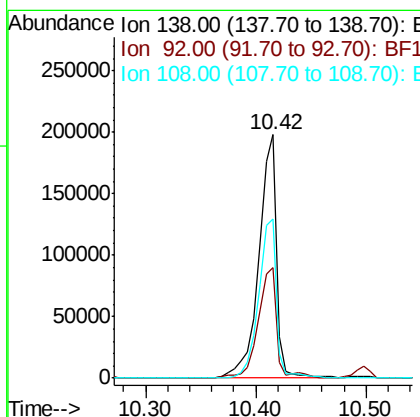
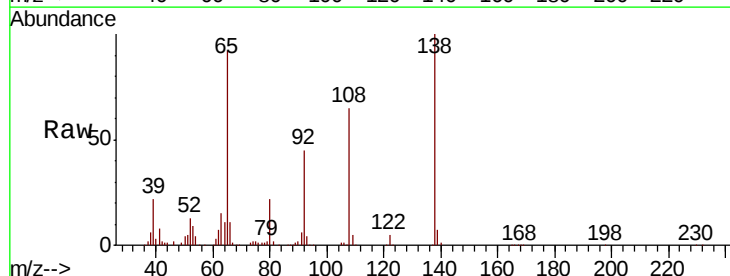
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

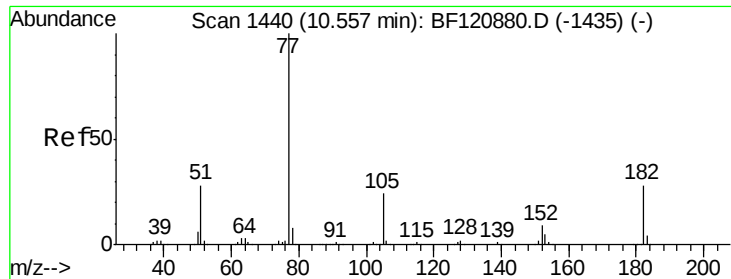
Tot Ion:204 Resp: 373432
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.0 39.0
 141 59.3 46.9 70.3



#62
 4-Nitroaniline
 Concen: 45.837 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion:138 Resp: 222188
 Ion Ratio Lower Upper
 138 100
 92 45.3 25.2 65.2
 108 65.3 46.7 86.7





#63

Azobenzene

Concen: 44.833 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion: 77 Resp: 797294

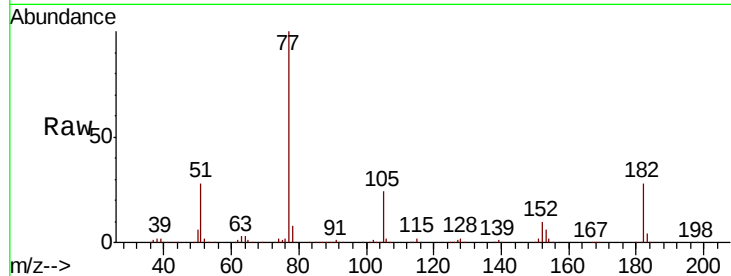
Ion Ratio Lower Upper

77 100

182 27.6 4.5 44.5

105 24.3 3.4 43.4

51 27.5 8.7 48.7

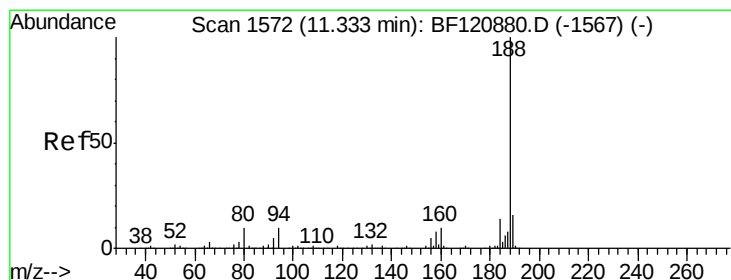
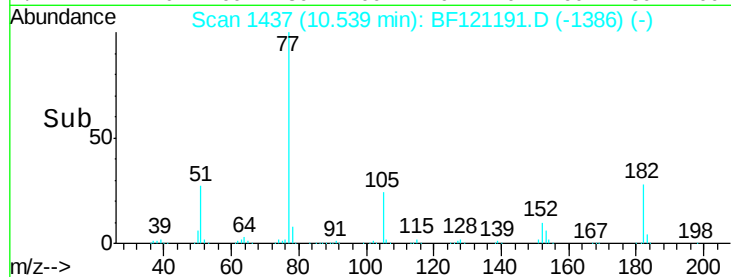
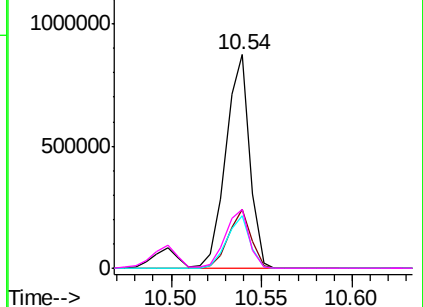


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

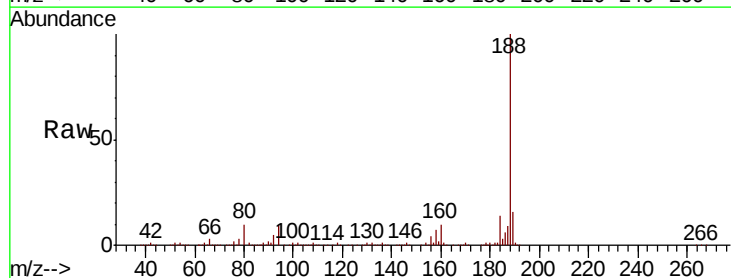
Tgt Ion: 188 Resp: 505115

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

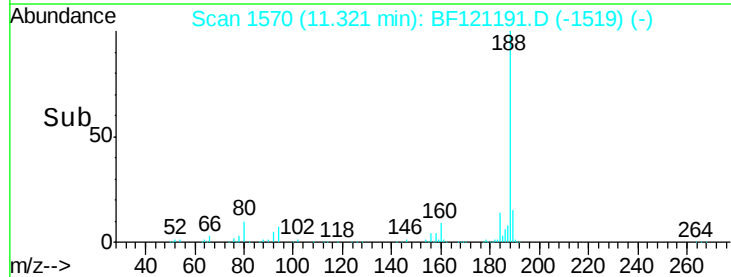
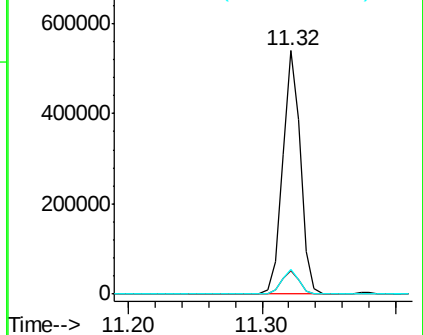
80 9.9 8.3 12.5

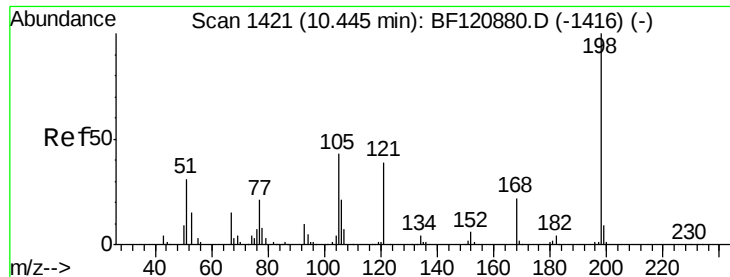


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

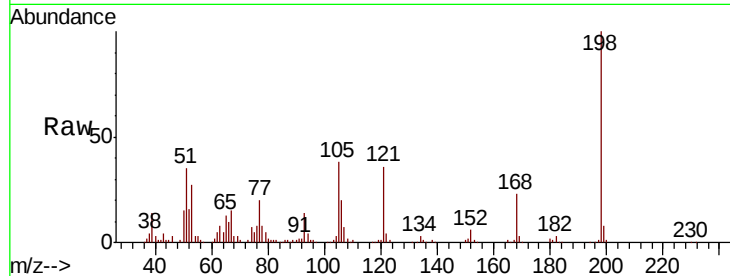




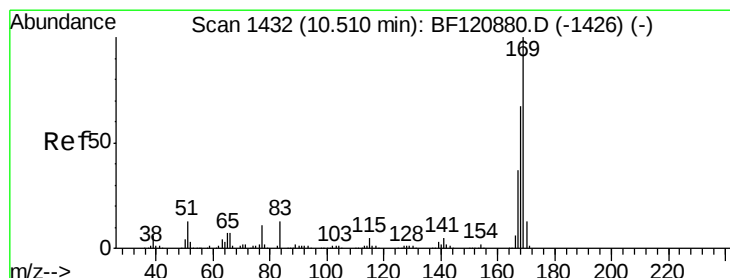
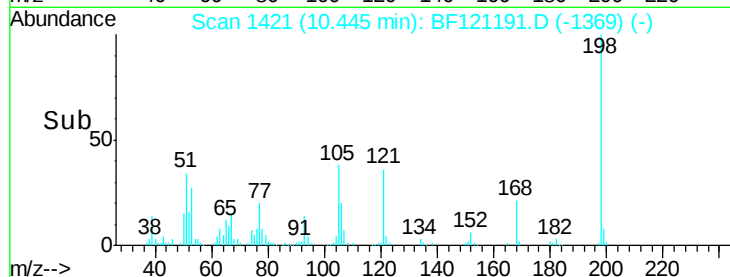
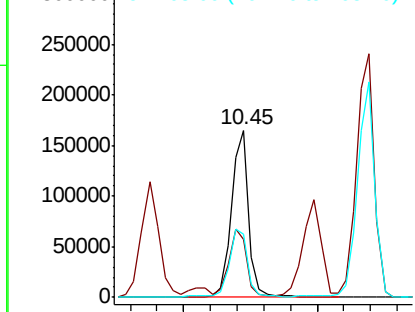
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.165 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:198 Resp: 150382
 Ion Ratio Lower Upper
 198 100
 51 34.6 23.4 63.4
 105 37.9 23.7 63.7

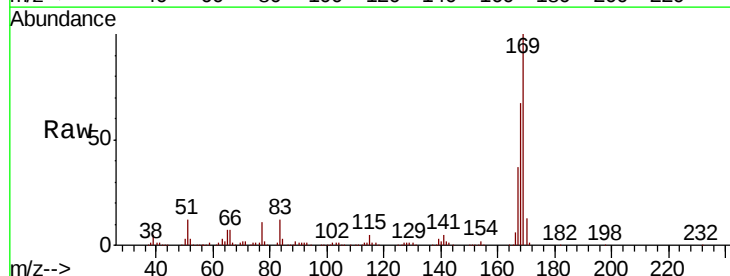


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

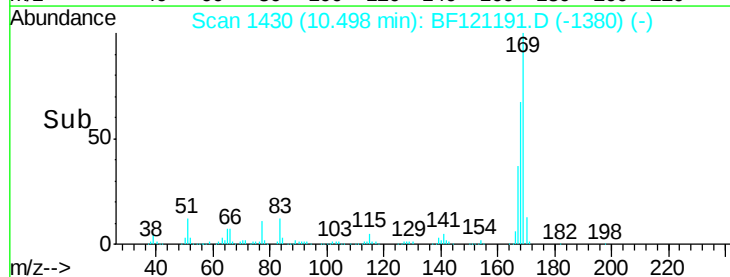
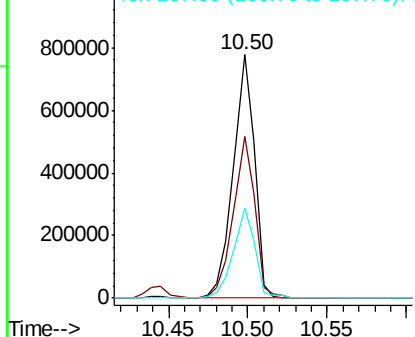


#66
 n-Nitrosodiphenylamine
 Concen: 45.855 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion:169 Resp: 728625
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.7 80.5
 167 36.9 30.0 45.0



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

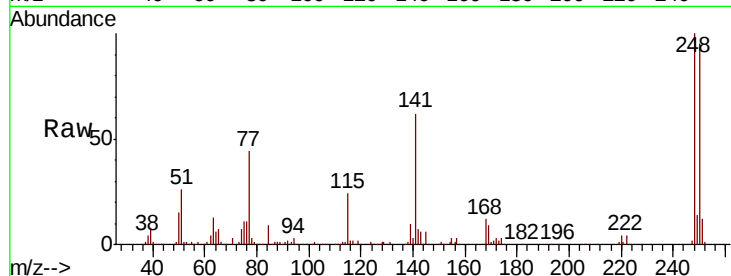




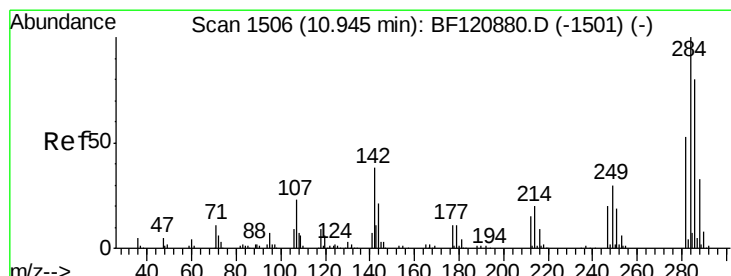
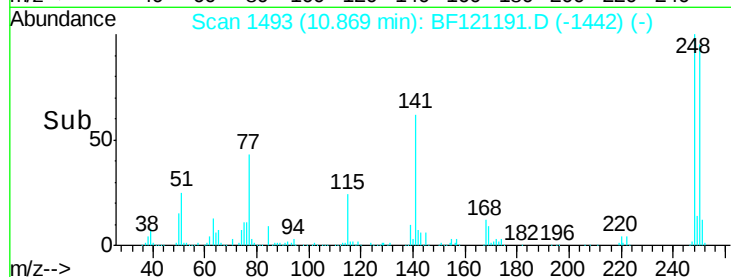
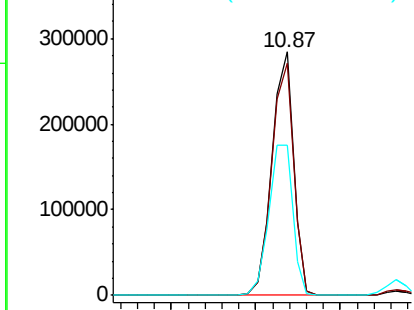
#67
4-Bromophenyl-phenylether
Concen: 45.014 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:248 Resp: 253501
Ion Ratio Lower Upper
248 100
250 95.2 77.0 115.6
141 61.8 56.6 85.0

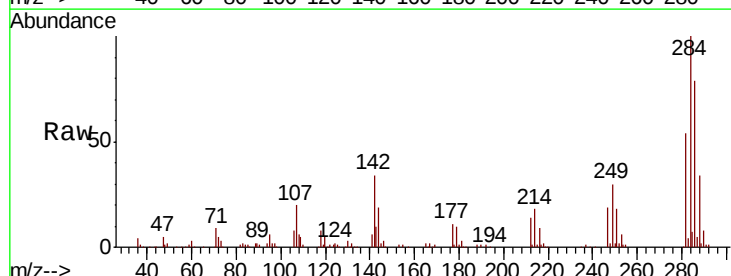


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

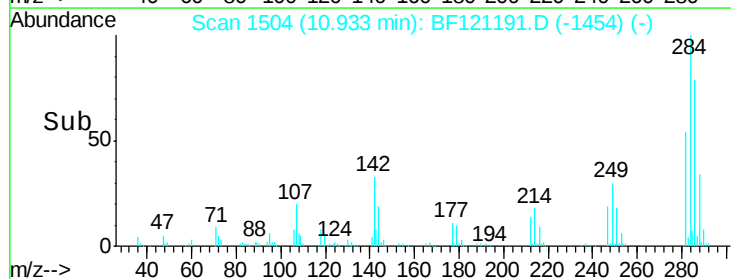
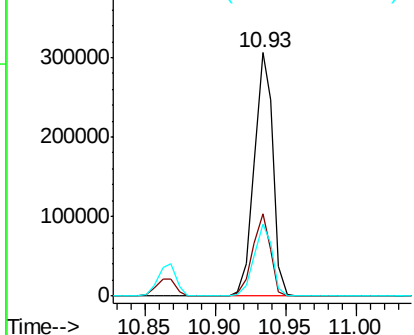


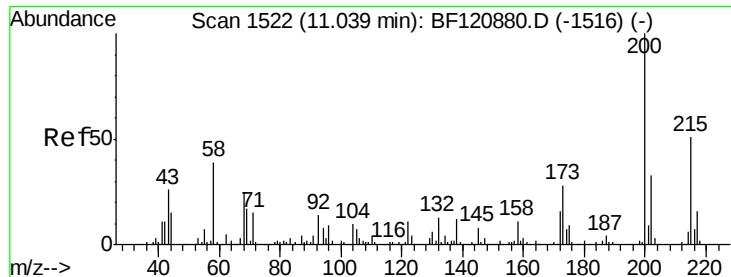
#68
Hexachlorobenzene
Concen: 47.049 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:284 Resp: 286618
Ion Ratio Lower Upper
284 100
142 33.7 21.1 31.7#
249 29.8 22.5 33.7



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

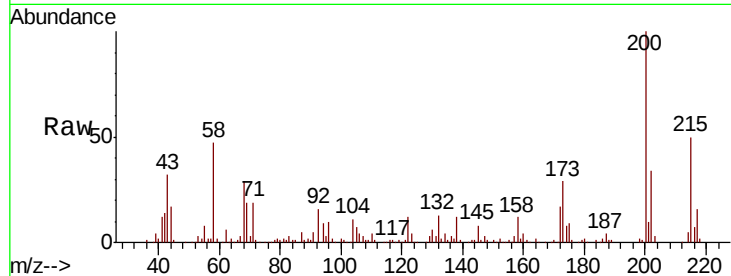




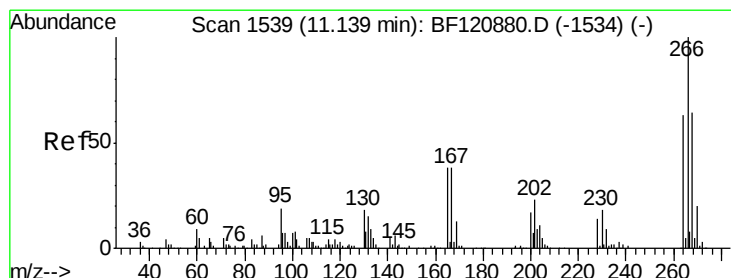
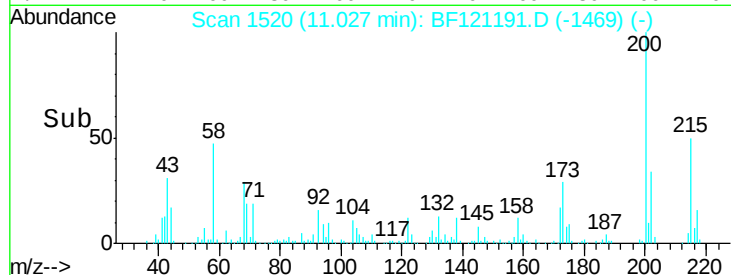
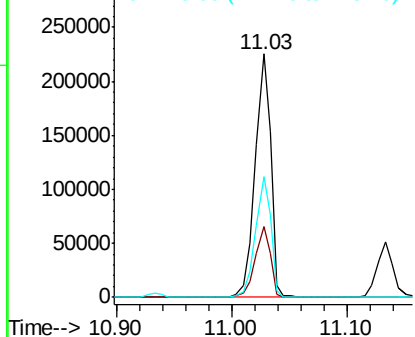
#69
 Atrazine
 Concen: 53.831 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:200 Resp: 211838
 Ion Ratio Lower Upper
 200 100
 173 29.1 7.6 47.6
 215 49.6 28.8 68.8

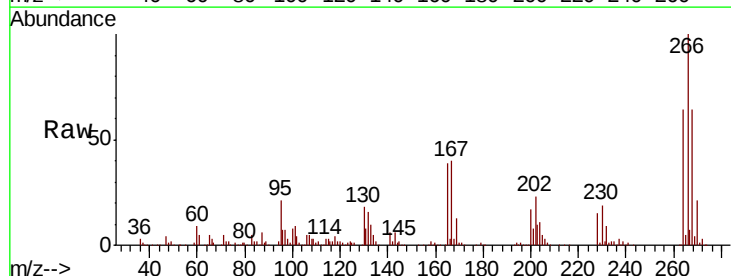


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

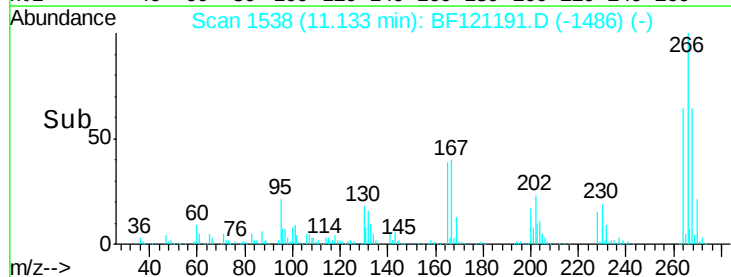
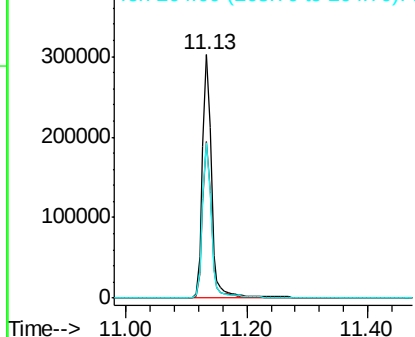


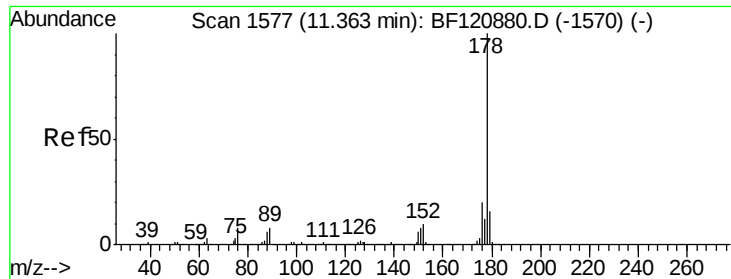
#70
 Pentachlorophenol
 Concen: 92.944 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion:266 Resp: 324372
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.7 74.5
 264 63.5 50.4 75.6



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: 45.318 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

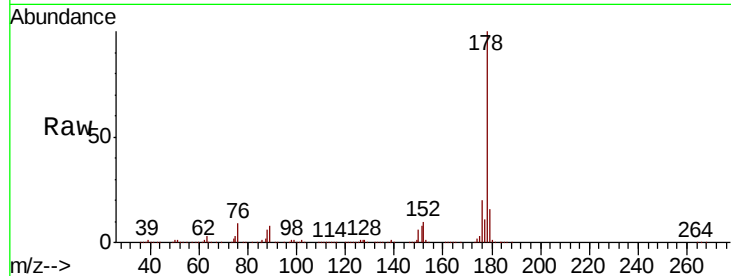
Tot Ion:178 Resp: 1177279

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

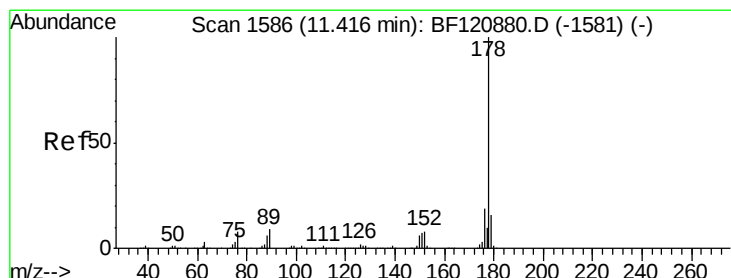
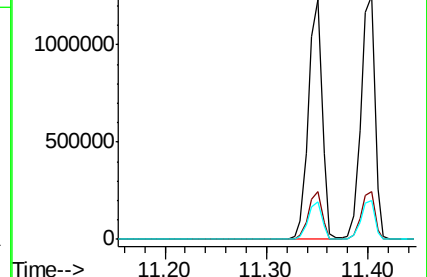
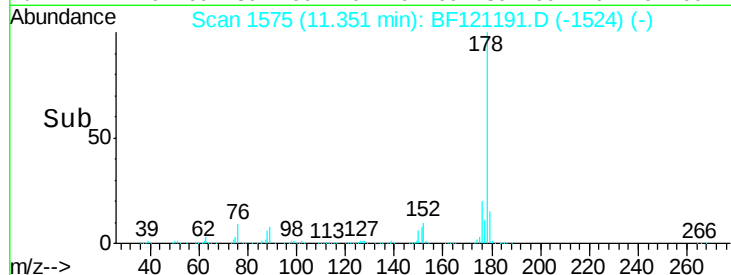
179 15.6 12.6 19.0



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: 46.166 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

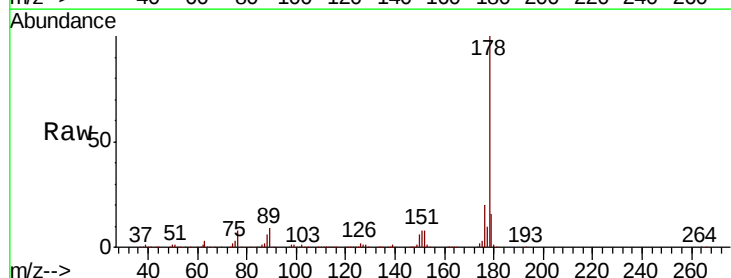
Tgt Ion:178 Resp: 1204285

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

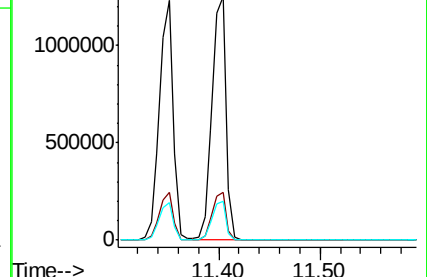
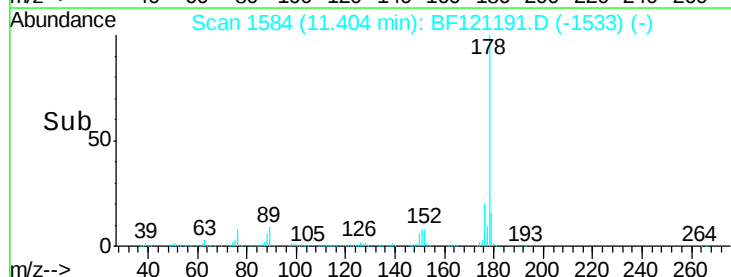
179 15.8 12.6 19.0

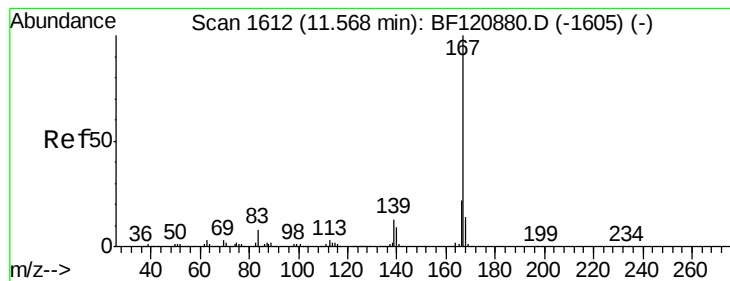


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.438 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

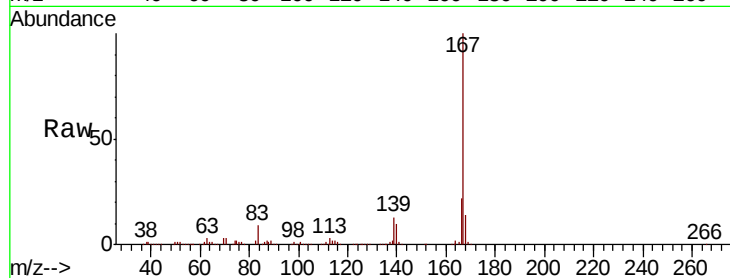
Tot Ion:167 Resp: 1176281

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 12.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.56

1500000

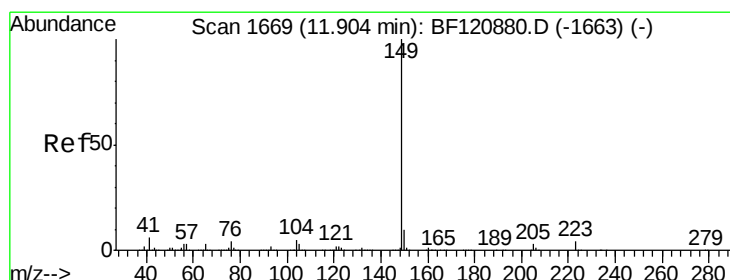
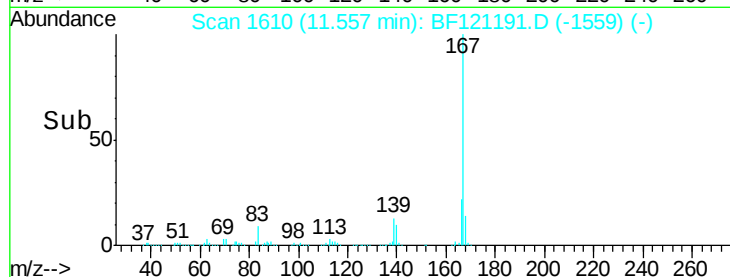
1000000

500000

0

Time-->

11.50 11.60 11.70



#74

Di-n-butylphthalate

Concen: 45.830 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

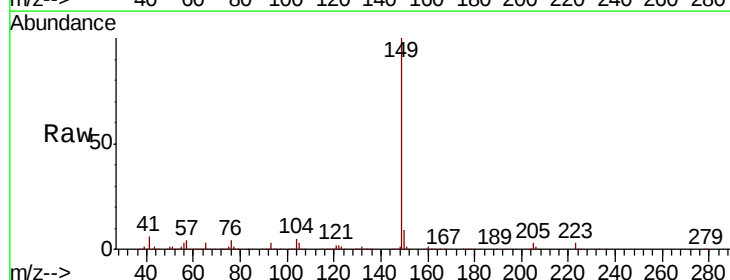
Tgt Ion:149 Resp: 1369151

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.89

2000000

1500000

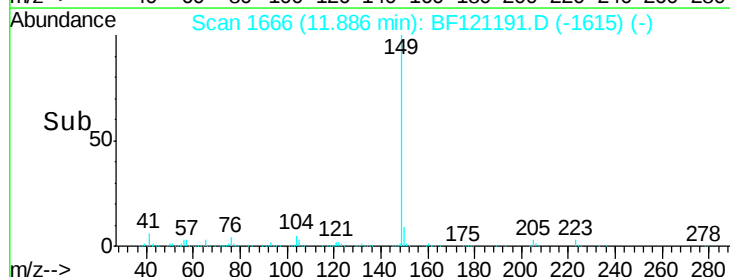
1000000

500000

0

Time-->

11.80 11.90 12.00

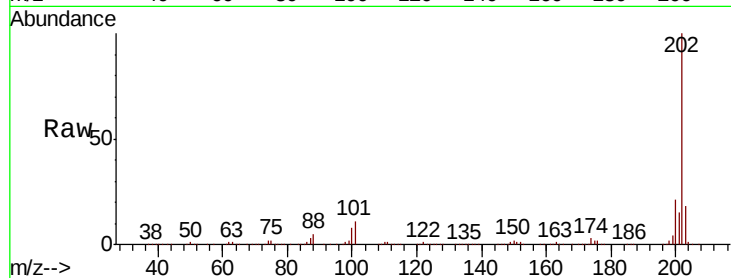




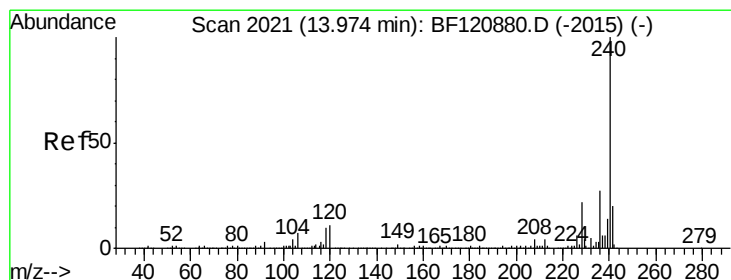
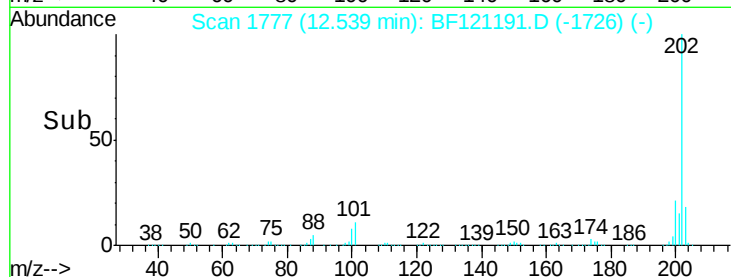
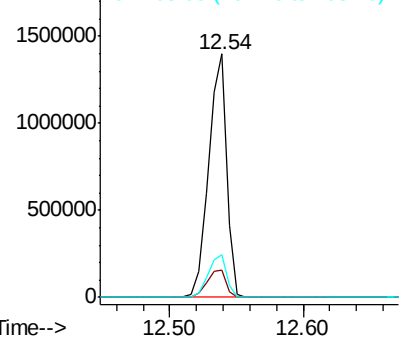
#75
Fluoranthene
Concen: 46.481 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:202 Resp: 1338425
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.5
203 17.8 0.0 37.7

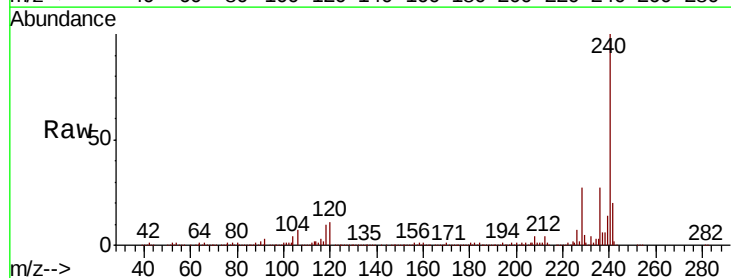


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

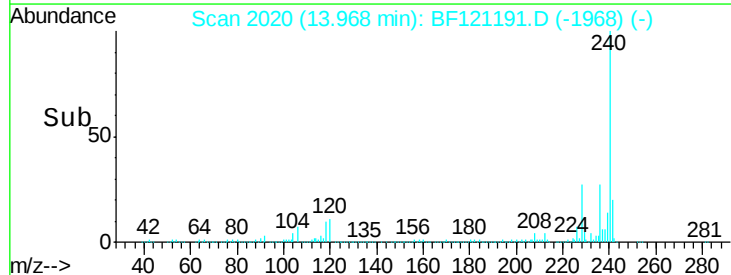
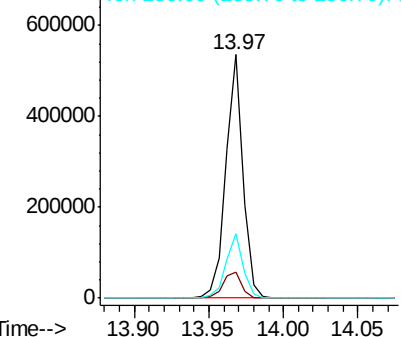


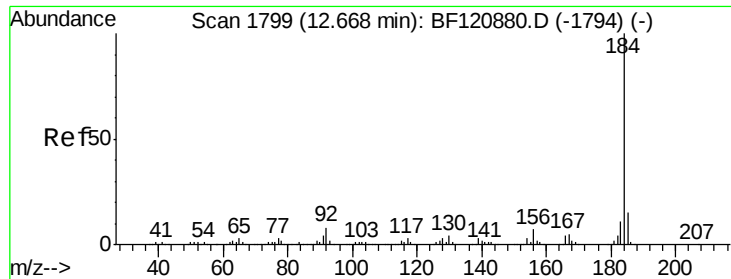
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:240 Resp: 429223
Ion Ratio Lower Upper
240 100
120 10.8 9.3 13.9
236 26.6 21.1 31.7



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: 54.504 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

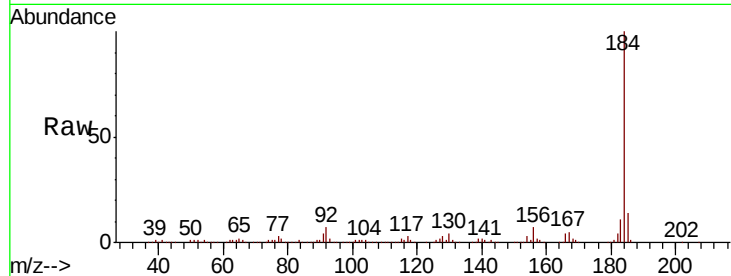
Tot Ion:184 Resp: 615080

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.1	18.1
183	11.0	9.0	13.4

184 100

185 14.3 12.1 18.1

183 11.0 9.0 13.4



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

12.66

800000

600000

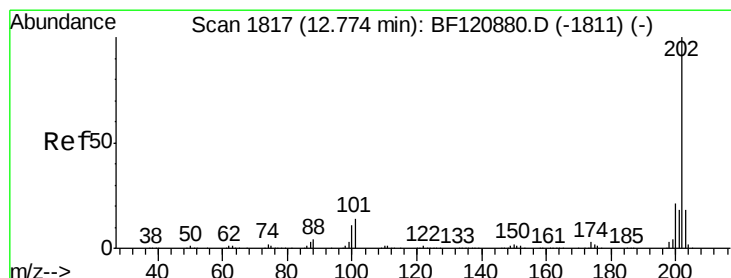
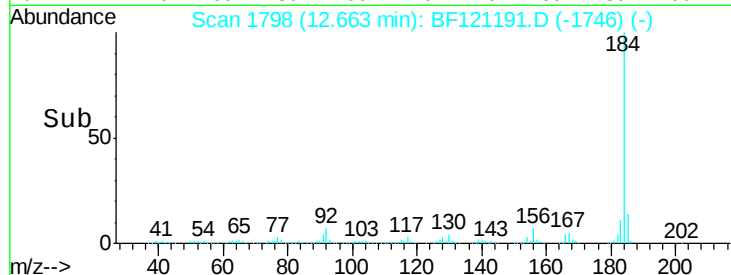
400000

200000

0

Time-->

12.60 12.70 12.80



#78

Pyrene

Concen: 45.615 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

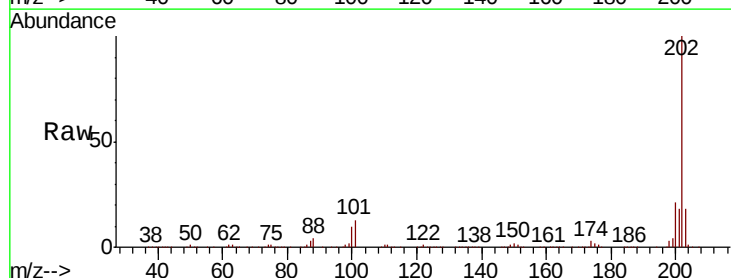
Tgt Ion:202 Resp: 1384234

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.7	14.6	21.8

202 100

200 21.1 17.0 25.6

203 17.7 14.6 21.8



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

12.77

1500000

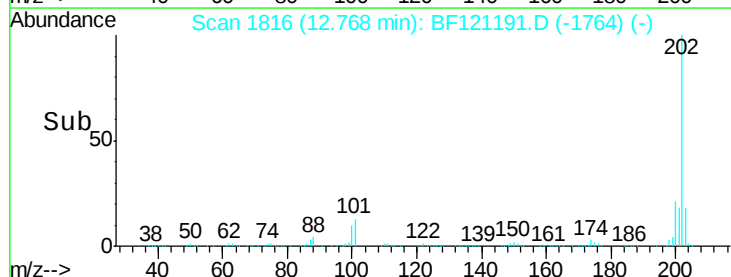
1000000

500000

0

Time-->

12.70 12.80 12.90





#79

Terphenyl-d14

Concen: 61.048 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

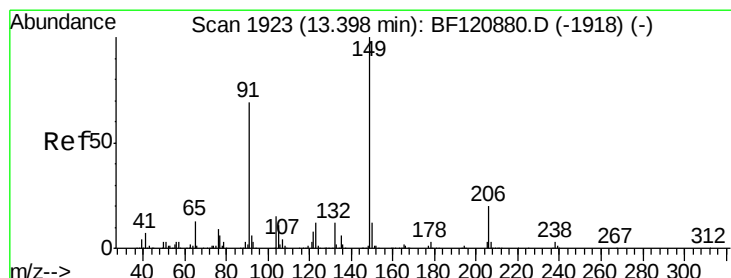
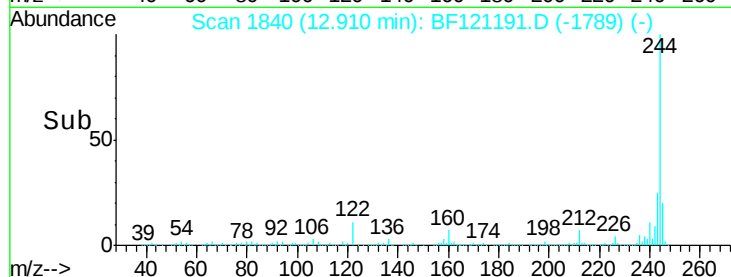
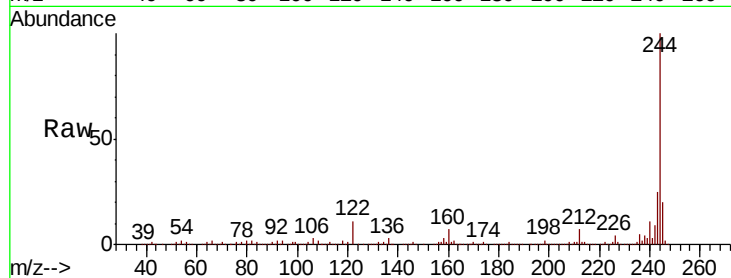
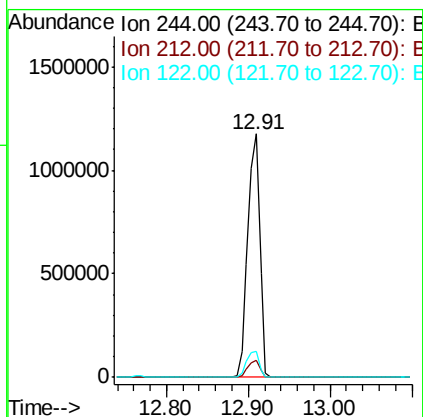
BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:244 Resp: 1205420

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.5	8.3	12.5



#80

Butylbenzylphthalate

Concen: 46.441 ng

RT: 13.39 min Scan# 1921

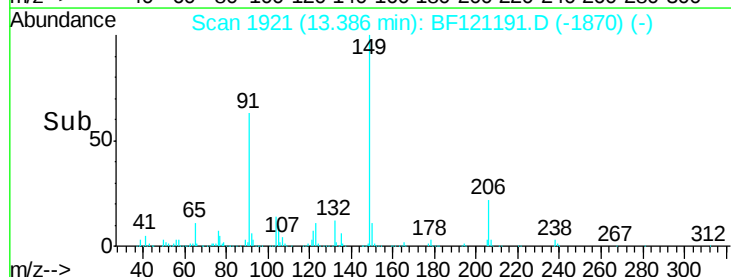
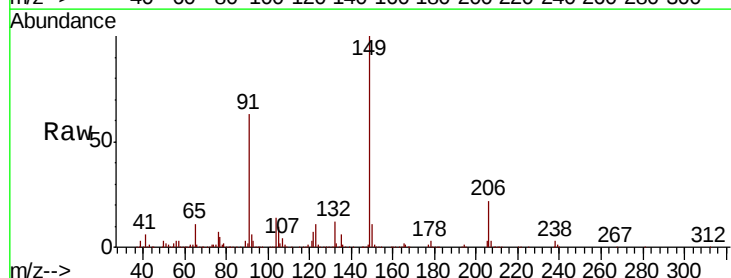
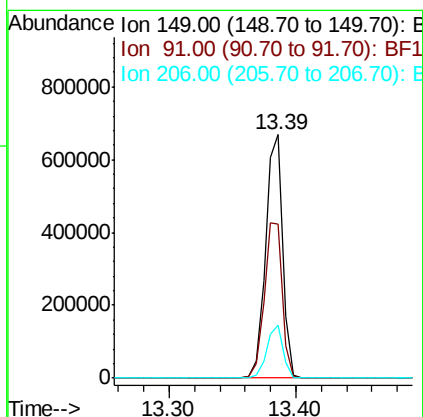
Delta R.T. -0.00 min

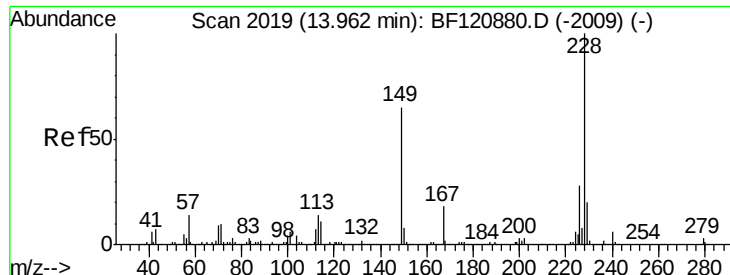
Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:149 Resp: 628244

Ion	Ratio	Lower	Upper
149	100		
91	63.1	51.4	77.0
206	21.9	17.9	26.9

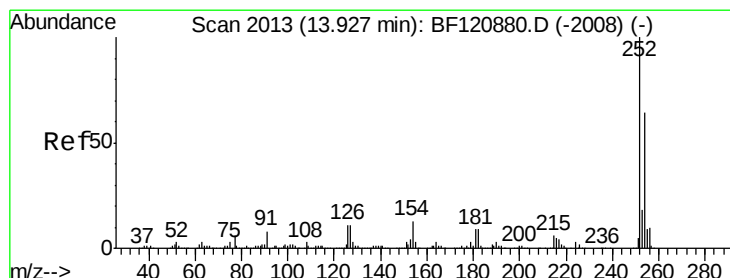
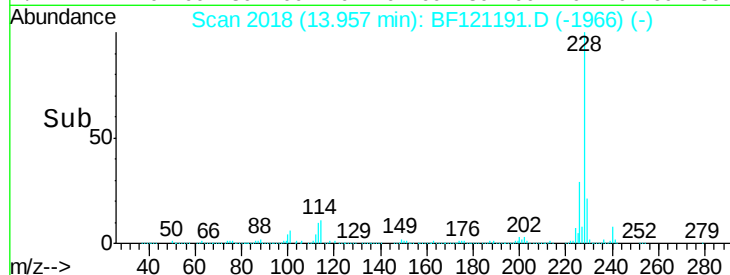
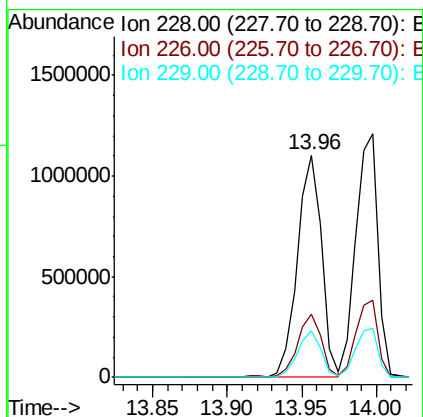
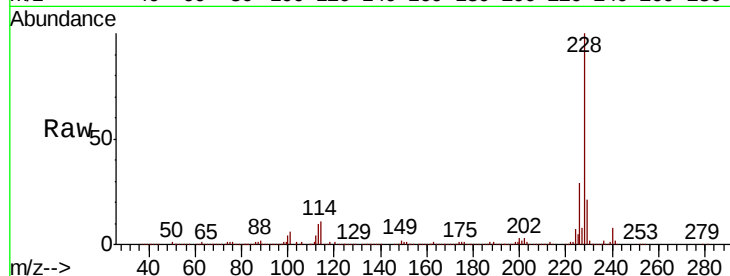




#81
Benzo(a)anthracene
Concen: 48.006 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

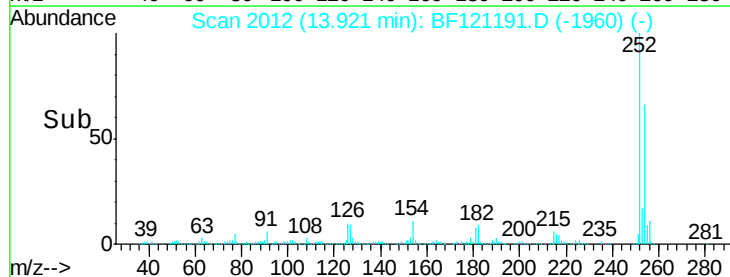
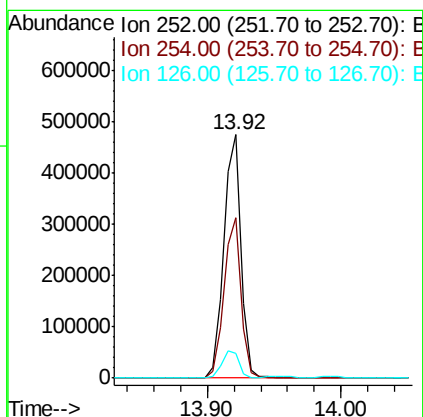
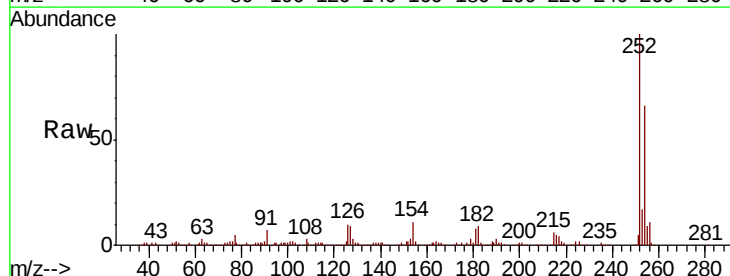
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

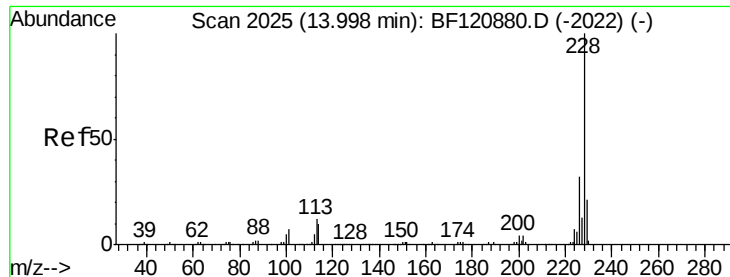
Tot Ion:228 Resp: 1247740
Ion Ratio Lower Upper
228 100
226 28.6 22.6 34.0
229 20.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 44.229 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:252 Resp: 433703
Ion Ratio Lower Upper
252 100
254 66.1 51.3 76.9
126 10.2 9.2 13.8





#83

Chrysene

Concen: 45.400 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

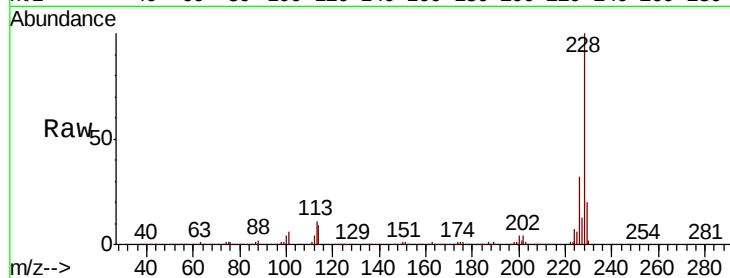
BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:228 Resp: 1240067

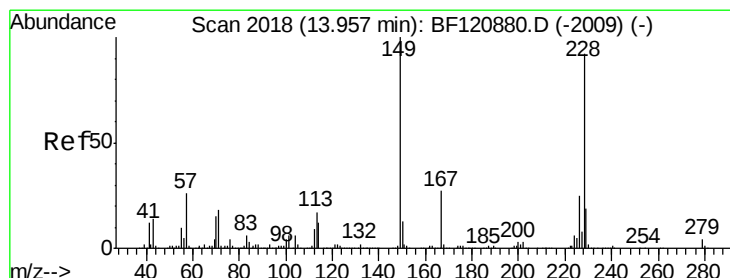
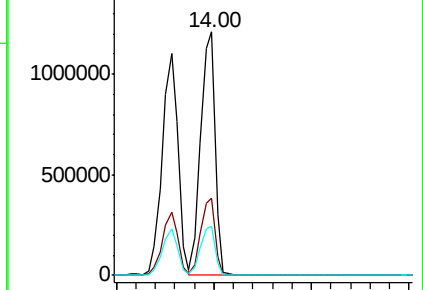
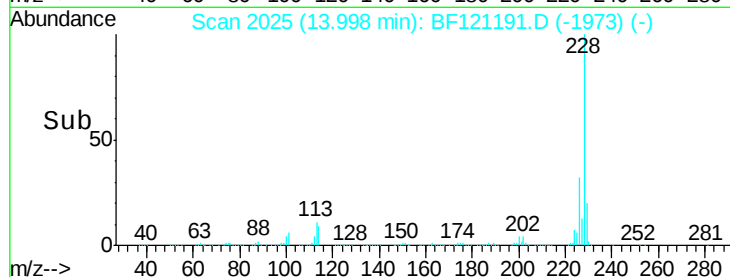
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.3	16.2	24.4



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: 48.817 ng

RT: 13.94 min Scan# 2015

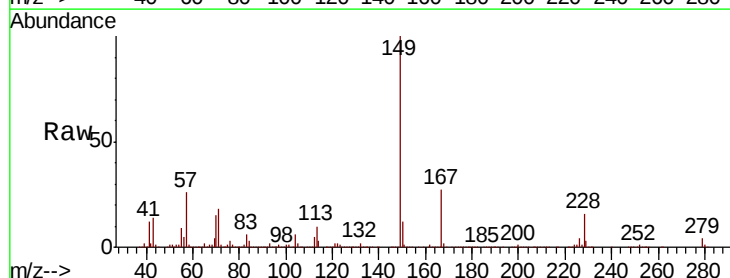
Delta R.T. -0.00 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Tgt Ion:149 Resp: 814339

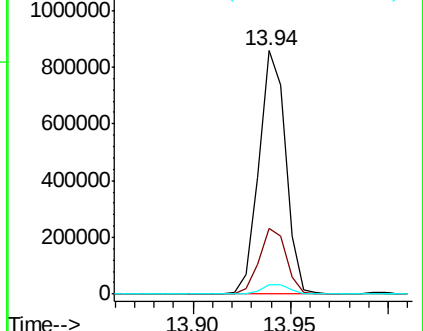
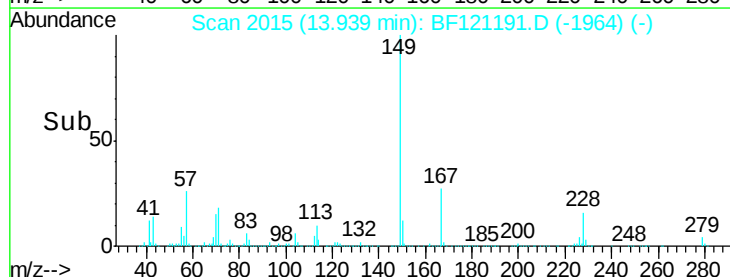
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.6
279	3.8	2.9	4.3

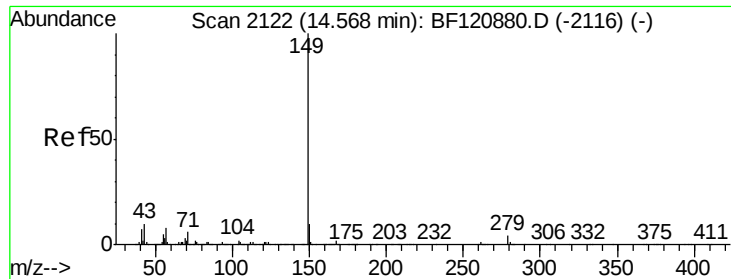


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

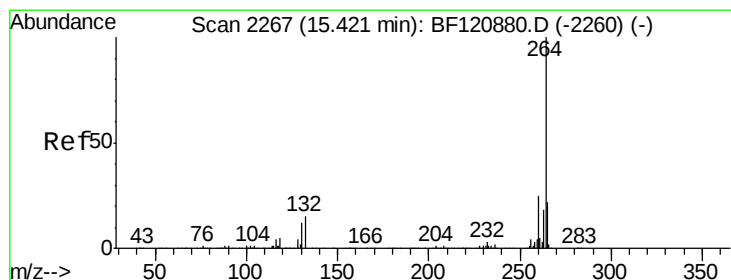
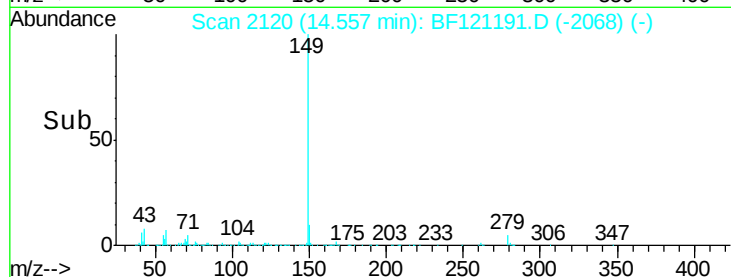
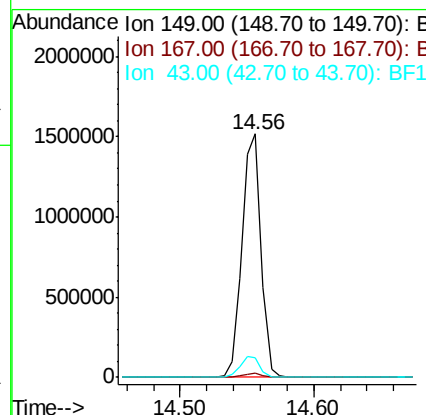
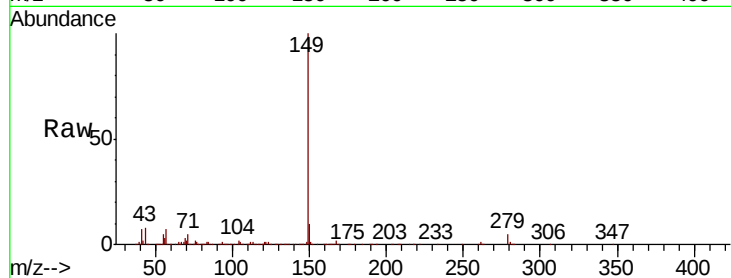




#85
Di-n-octyl phthalate
Concen: 45.293 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

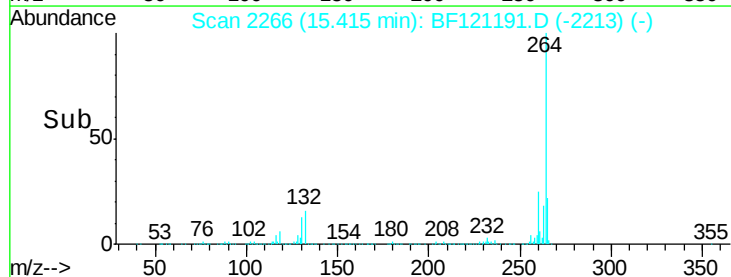
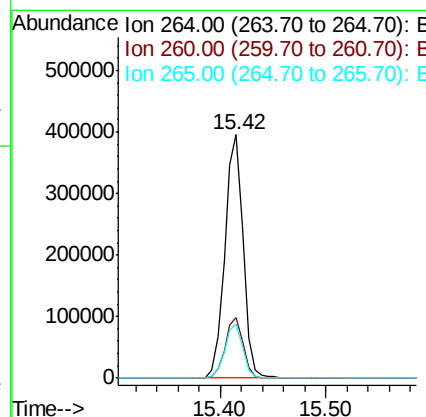
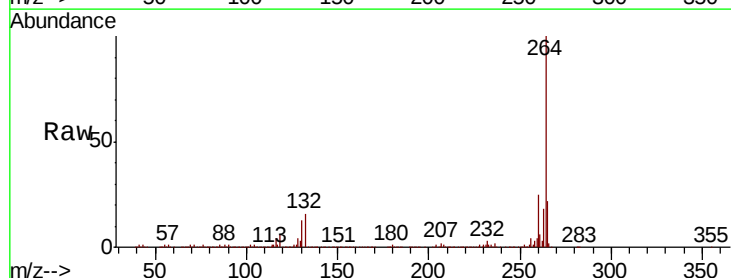
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:149 Resp: 1503177
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:264 Resp: 479168
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 22.3 17.8 26.8

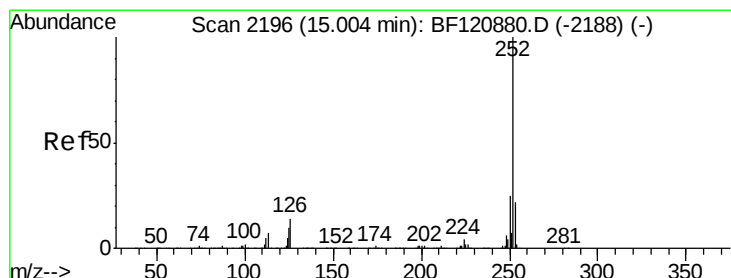
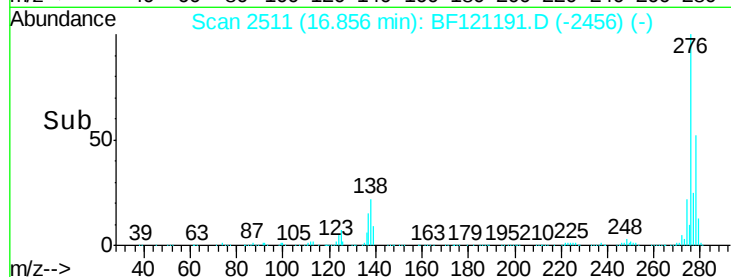
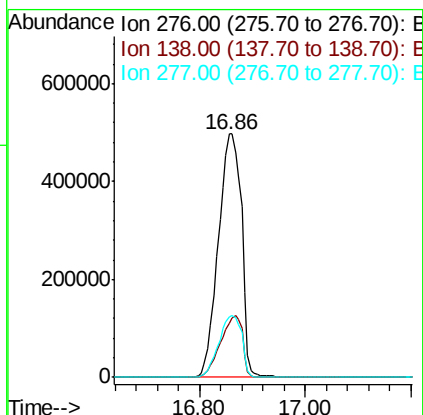
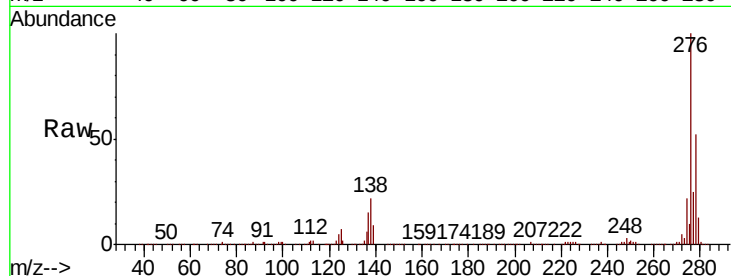




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.267 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

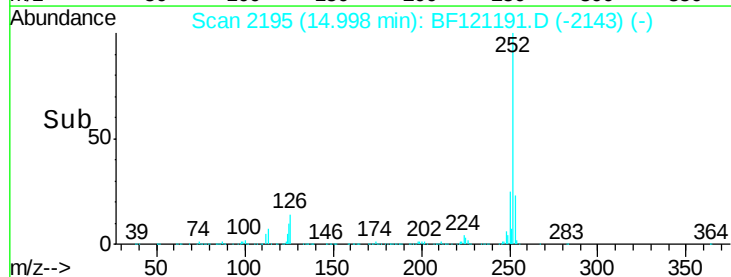
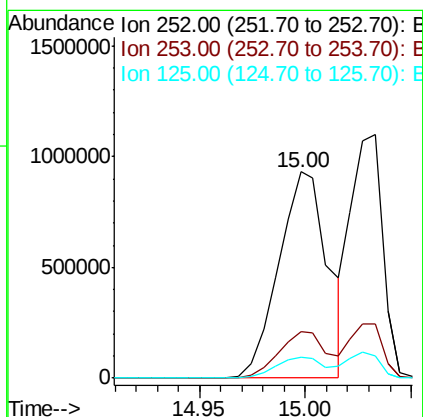
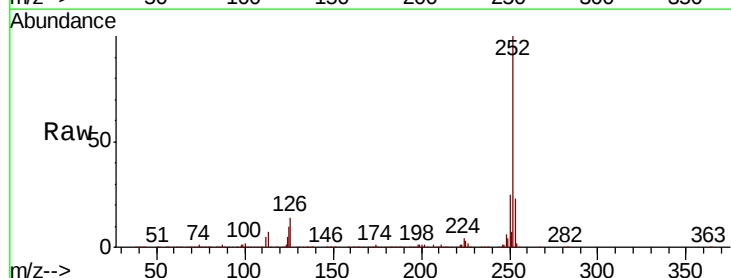
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

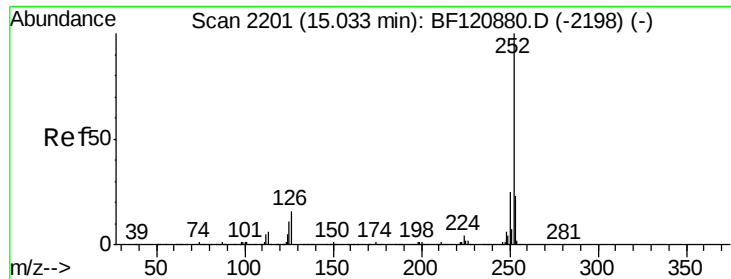
Tot Ion:276 Resp: 1508506
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.3 28.9
 277 25.5 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 52.101 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121191.D
 Acq: 5 Aug 2020 13:45

Tgt Ion:252 Resp: 1509049
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.9 26.9
 125 10.4 8.1 12.1

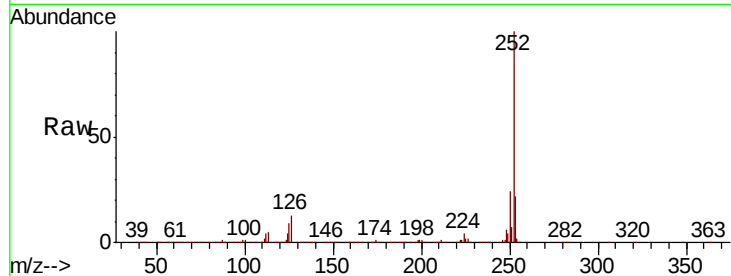




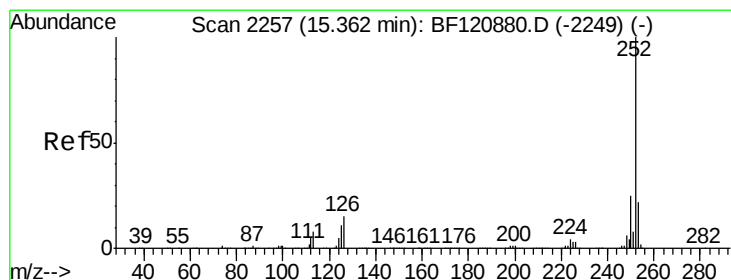
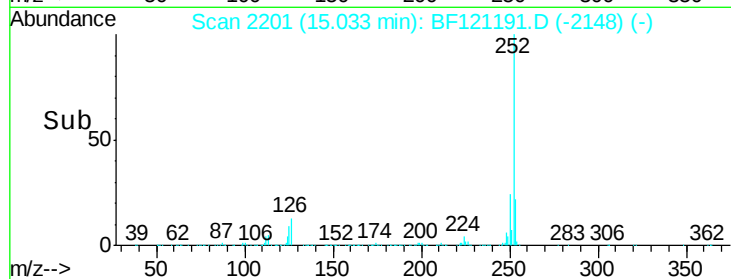
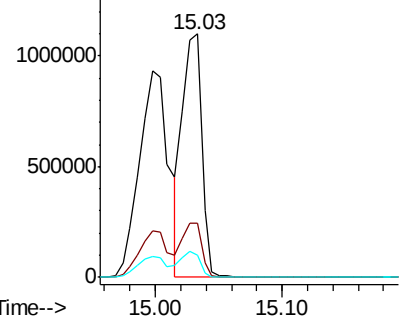
#89
Benzo(k)fluoranthene
Concen: 43.763 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:252 Resp: 1156001
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 9.2 8.0 12.0

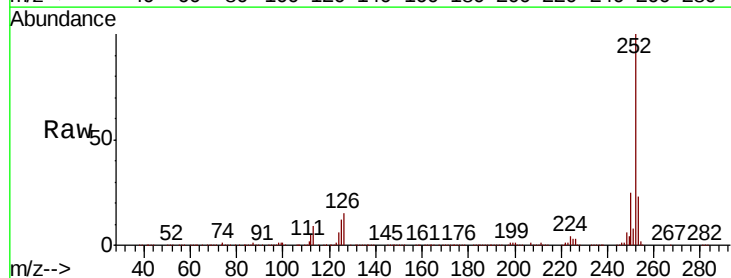


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

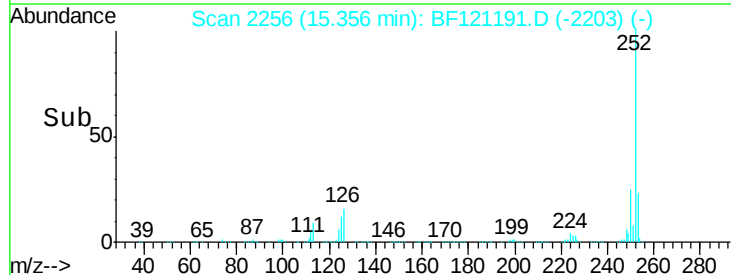
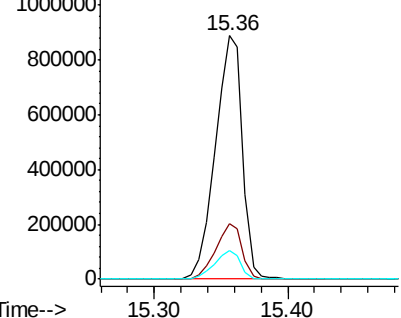


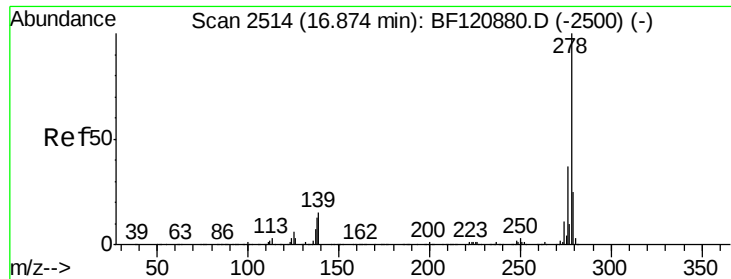
#90
Benzo(a)pyrene
Concen: 47.551 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121191.D
Acq: 5 Aug 2020 13:45

Tgt Ion:252 Resp: 1256579
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.6 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
1200000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.709 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.03 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

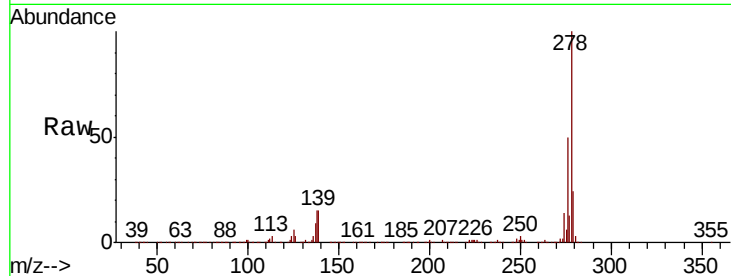
Tot Ion:278 Resp: 1217031

Ion Ratio Lower Upper

278 100

139 14.9 12.6 18.8

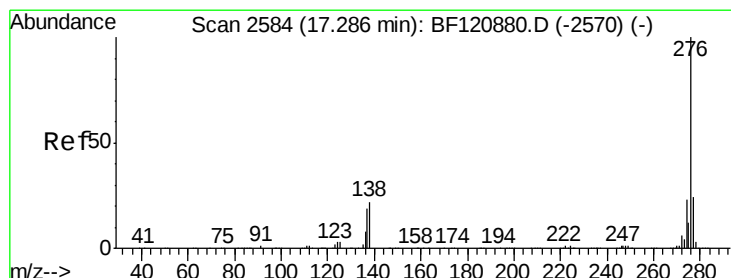
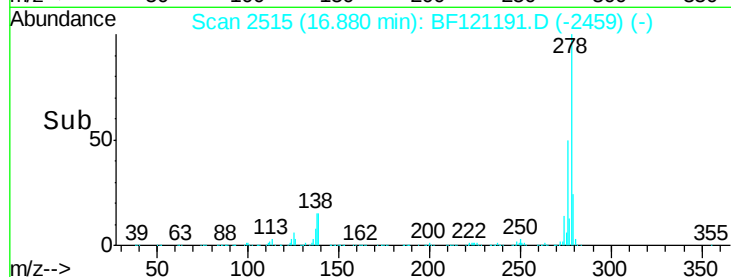
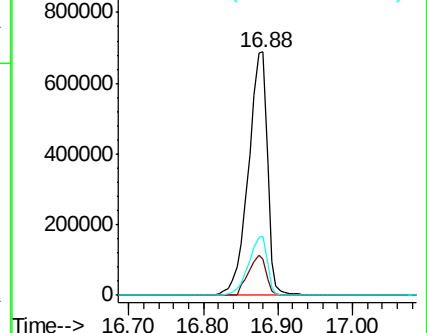
279 24.1 19.5 29.3



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: 47.616 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.04 min

Lab File: BF121191.D

Acq: 5 Aug 2020 13:45

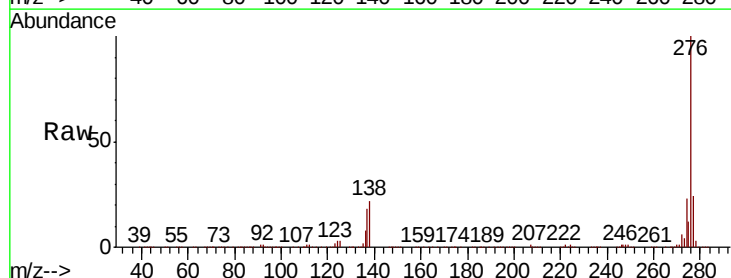
Tgt Ion:276 Resp: 1277991

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 21.8 17.2 25.8



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

