

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121531.D
 Acq On : 8 Sep 2020 20:00
 Operator : JU/CG
 Sample : L3864-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Quant Time: Sep 09 02:36:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	389978	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1484990	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	788740	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1502222	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1107462	20.00	ng	-0.01
86) Perylene-d12	15.46	264	983074	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2163486	93.08	ng	0.02
7) Phenol-d6	6.48	99	2717047	83.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	1998983	92.03	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	1125351	141.26	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3545800	72.54	ng	0.00
79) Terphenyl-d14	12.95	244	3980299	75.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	392643	35.421	ng	99
3) Pyridine	3.52	79	1022539	33.874	ng	99
4) n-Nitrosodimethylamine	3.46	42	490450	36.756	ng	94
6) Aniline	6.51	93	779088	20.214	ng	99
8) 2-Chlorophenol	6.63	128	1069294	45.326	ng	98
9) Benzaldehyde	6.40	77	481426	26.260	ng	99
10) Phenol	6.49	94	1194749	37.599	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	1067053	41.331	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1078985	37.986	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1079207	37.911	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1059441	39.970	ng	99
15) Benzyl Alcohol	6.99	79	930343	43.637	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1454172	38.021	ng	99
17) 2-Methylphenol	7.10	107	860781	41.937	ng	99
18) Hexachloroethane	7.36	117	400349	41.094	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	759482	41.838	ng	98
20) 3+4-Methylphenols	7.25	107	1002341	40.354	ng	# 88
22) Acetophenone	7.26	105	1389022	37.951	ng	# 91
24) Nitrobenzene	7.43	77	1133031	52.038	ng	98
25) Isophorone	7.67	82	2156917	44.148	ng	98
26) 2-Nitrophenol	7.75	139	574654	57.864	ng	95
27) 2,4-Dimethylphenol	7.78	122	981075	48.417	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1375445	41.402	ng	99
29) 2,4-Dichlorophenol	7.99	162	936551	46.810	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	957936	39.084	ng	98
31) Naphthalene	8.15	128	2945297	39.950	ng	99
32) Benzoic acid	7.92	122	673667	51.331	ng	99
33) 4-Chloroaniline	8.19	127	410894	12.513	ng	98
34) Hexachlorobutadiene	8.27	225	562452	38.589	ng	98
35) Caprolactam	8.59	113	184455	28.267	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	1013225	48.032	ng	100
37) 2-Methylnaphthalene	8.84	142	2083999	42.665	ng	99
38) 1-Methylnaphthalene	8.94	142	1933138	41.913	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	966725	41.347	ng	99

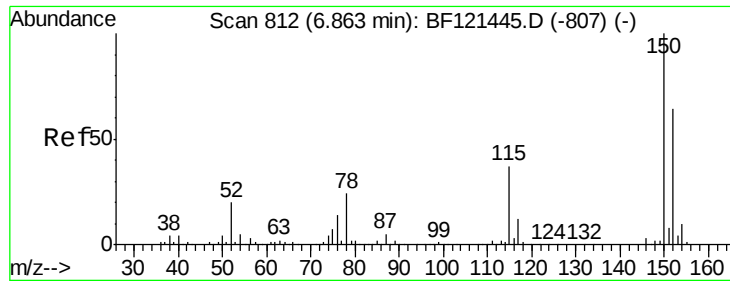
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	928858	94.472	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	735610	49.778	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	754280	51.617	nq	99
46) 1,1'-Biphenyl	9.30	154	2498666	41.981	nq	98
47) 2-Chloronaphthalene	9.33	162	1952907	39.919	nq	99
48) 2-Nitroaniline	9.43	65	656100	47.812	nq	92
49) Acenaphthylene	9.75	152	3130659	42.664	nq	99
50) Dimethylphthalate	9.61	163	2496292	46.075	nq	100
51) 2,6-Dinitrotoluene	9.67	165	570321	55.074	nq	93
52) Acenaphthene	9.92	154	1932335	41.703	nq	99
53) 3-Nitroaniline	9.83	138	298155	25.881	nq	99
54) 2,4-Dinitrophenol	9.95	184	461835	89.060	nq	99
55) Dibenzofuran	10.09	168	2861031	42.507	nq	100
56) 4-Nitrophenol	10.00	139	916593	86.872	nq	98
57) 2,4-Dinitrotoluene	10.07	165	753827	58.440	nq	99
58) Fluorene	10.43	166	2183037	43.025	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	664591	54.625	nq	99
60) Diethylphthalate	10.31	149	2494084	45.820	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	1087968	42.796	nq	96
62) 4-Nitroaniline	10.45	138	551730	42.271	nq	98
63) Azobenzene	10.59	77	2345873	43.580	nq	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	353033	65.510	nq	94
66) n-Nitrosodiphenylamine	10.55	169	2123084	44.685	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	749949	45.380	nq	98
68) Hexachlorobenzene	10.98	284	870931	45.068	nq	93
69) Atrazine	11.07	200	553985	40.205	nq	99
70) Pentachlorophenol	11.17	266	974732	110.406	nq	100
71) Phenanthrene	11.39	178	3256491	42.242	nq	99
72) Anthracene	11.45	178	3324942	43.852	nq	98
73) Carbazole	11.60	167	3135512	42.885	nq	98
74) Di-n-butylphthalate	11.93	149	3670342	45.188	nq	98
75) Fluoranthene	12.58	202	3549391	42.720	nq	97
77) Benzidine	12.70	184	484433	20.057	nq	99
78) Pyrene	12.81	202	3650073	46.149	nq	97
80) Butylbenzylphthalate	13.43	149	1615238	53.010	nq	99
81) Benzo(a)anthracene	13.99	228	2894492	42.815	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	773685	31.245	nq	98
83) Chrysene	14.03	228	2973678	43.966	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	2026766	51.501	nq	99
85) Di-n-octyl phthalate	14.60	149	3601224	53.996	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	2811868	46.487	nq	100
88) Benzo(b)fluoranthene	15.04	252	2934464	45.888	nq	99
89) Benzo(k)fluoranthene	15.07	252	2842484	47.788	nq	98
90) Benzo(a)pyrene	15.40	252	2551204	44.367	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	2292911	46.309	nq	100
92) Benzo(g,h,i)perylene	17.36	276	2333408	48.922	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

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BNA_F

ClientSampleId :

CL-01-090320MSD

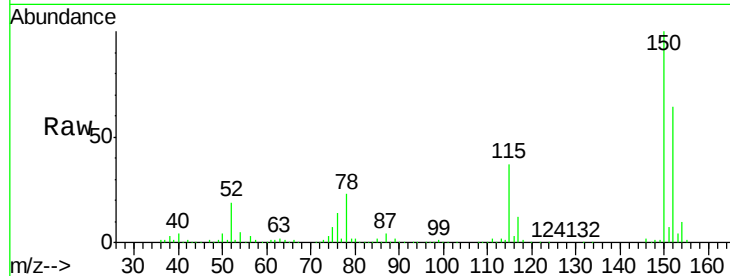
Tot Ion:152 Resp: 389978

Ion Ratio Lower Upper

152 100

150 155.7 126.1 189.1

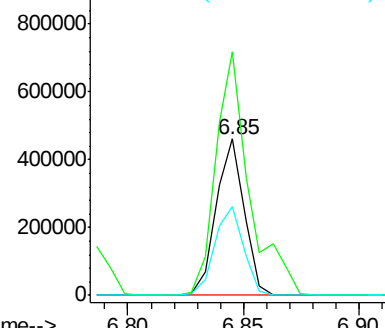
115 57.0 48.4 72.6



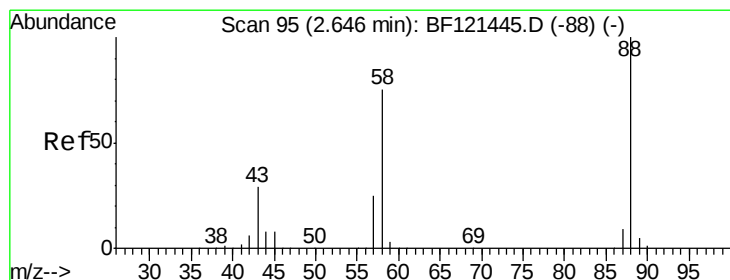
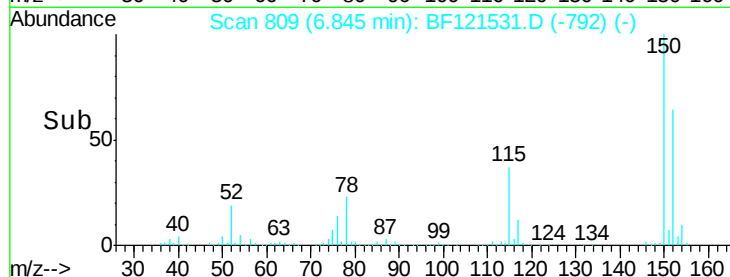
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 35.421 ng

RT: 2.82 min Scan# 124

Delta R.T. 0.19 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

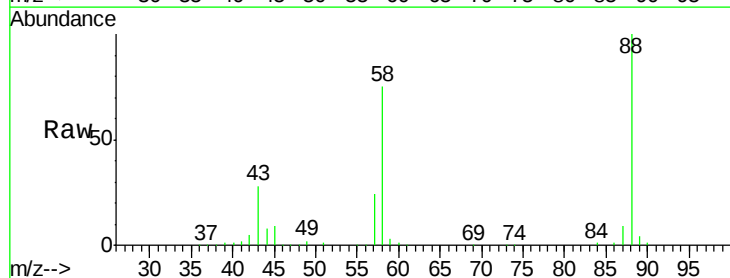
Tgt Ion: 88 Resp: 392643

Ion Ratio Lower Upper

88 100

58 74.0 59.6 89.4

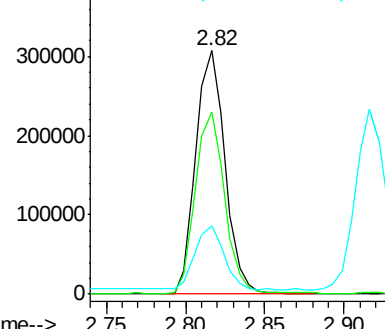
43 26.3 21.9 32.9



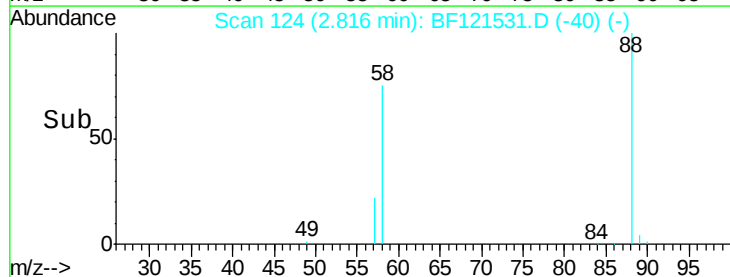
Abundance Ion 88.00 (87.70 to 88.70): BF1

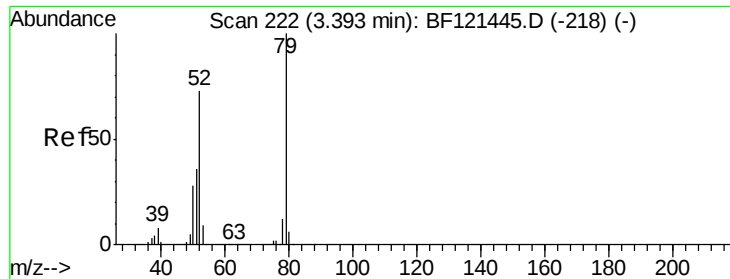
Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



Time-->





#3

Pvridine

Concen: 33.874 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.15 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

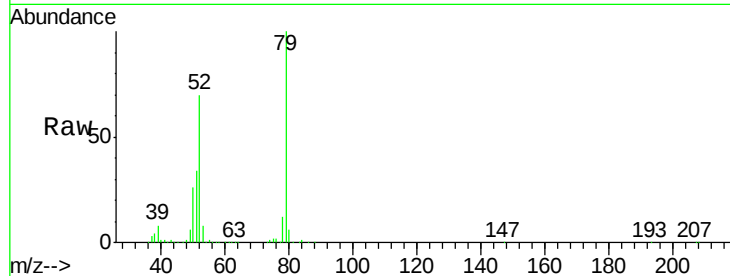
Tot Ion: 79 Resp: 1022539

Ion Ratio Lower Upper

79 100

52 70.0 56.5 84.7

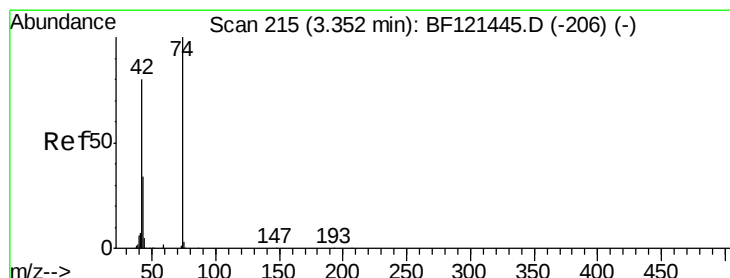
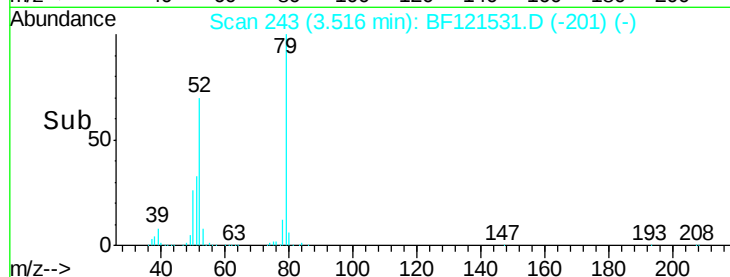
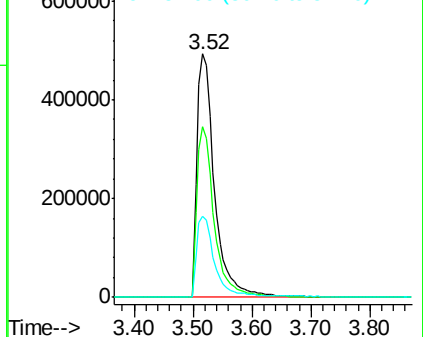
51 33.5 27.6 41.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.756 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.13 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

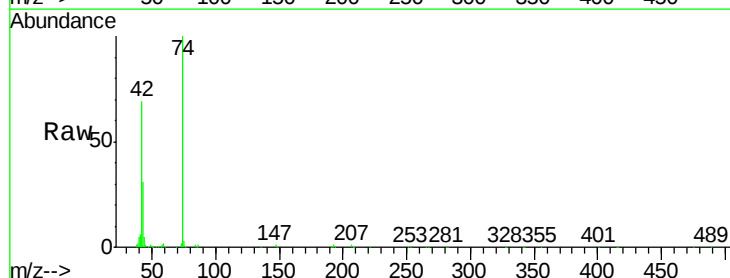
Tgt Ion: 42 Resp: 490450

Ion Ratio Lower Upper

42 100

74 145.2 110.3 165.5

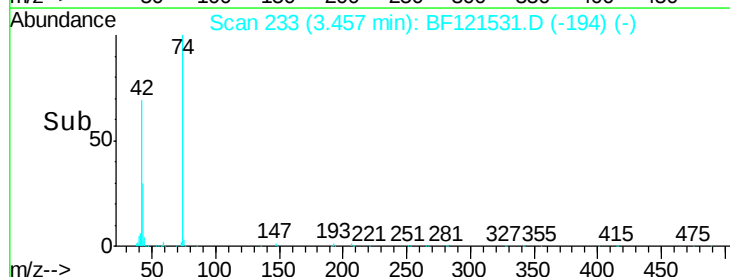
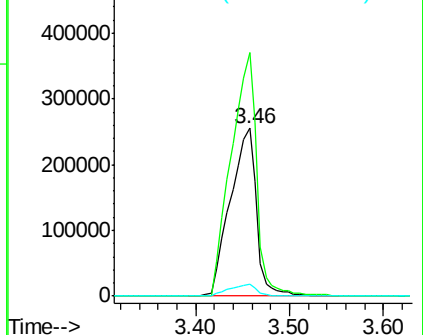
44 6.7 5.4 8.2

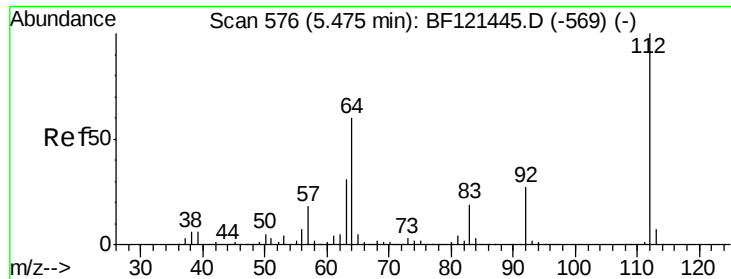


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

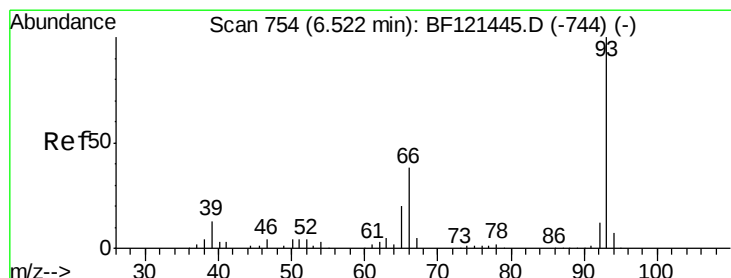
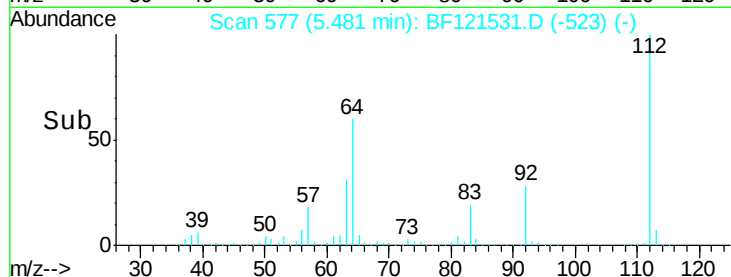
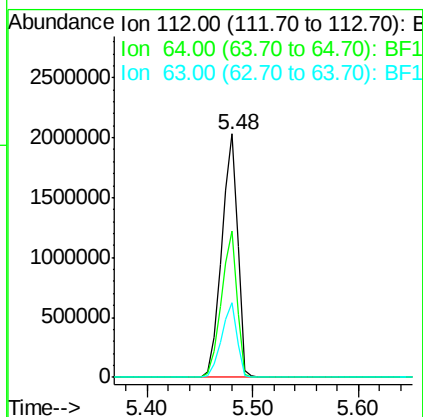
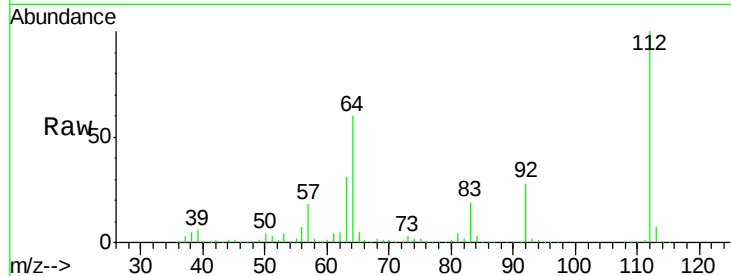




#5
2-Fluorophenol
Concen: 93.076 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

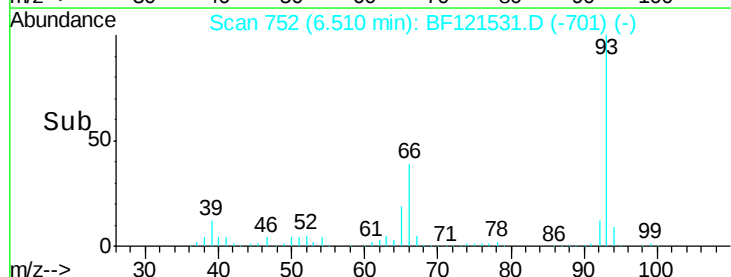
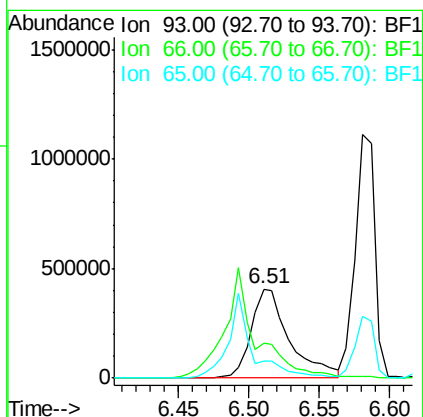
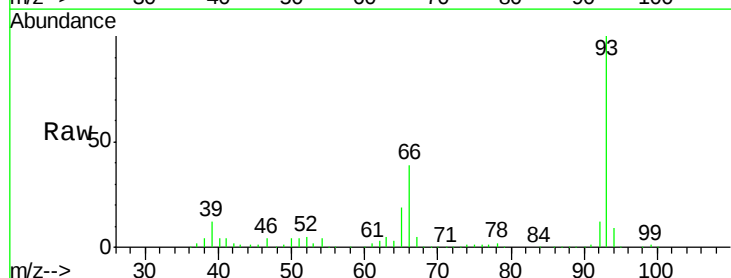
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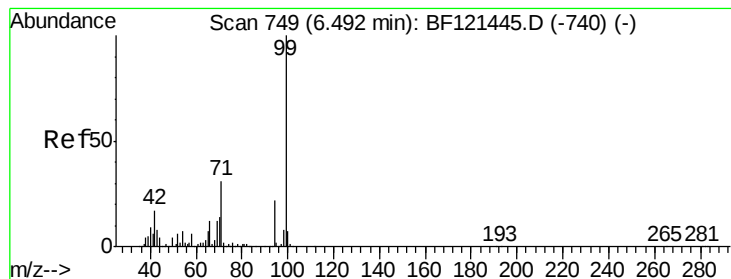
Tot Ion:112 Resp: 2163486
Ion Ratio Lower Upper
112 100
64 59.9 46.0 69.0
63 30.7 23.4 35.2



#6
Aniline
Concen: 20.214 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion: 93 Resp: 779088
Ion Ratio Lower Upper
93 100
66 39.1 31.5 47.3
65 19.5 15.8 23.8





#7

Phenol-d6

Concen: 83.645 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

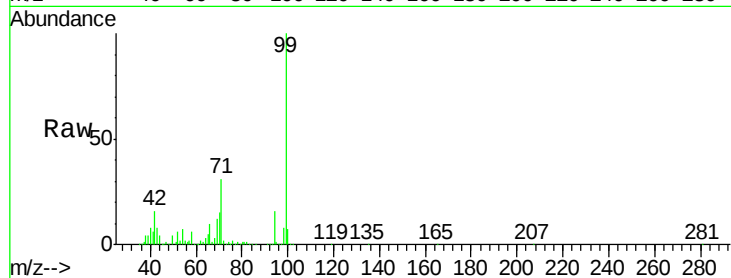
Tot Ion: 99 Resp: 2717047

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

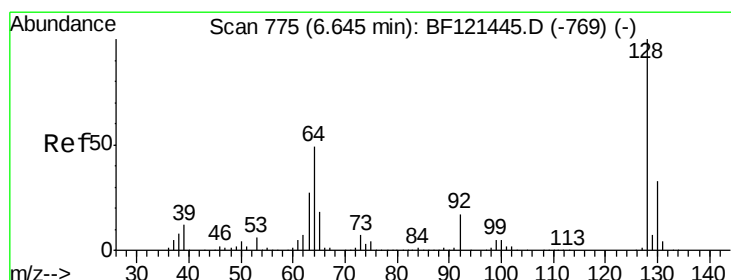
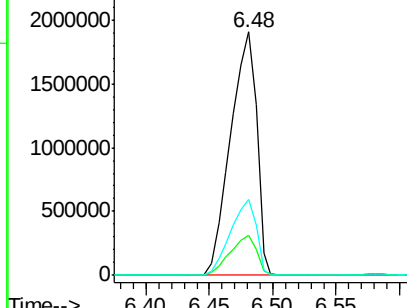
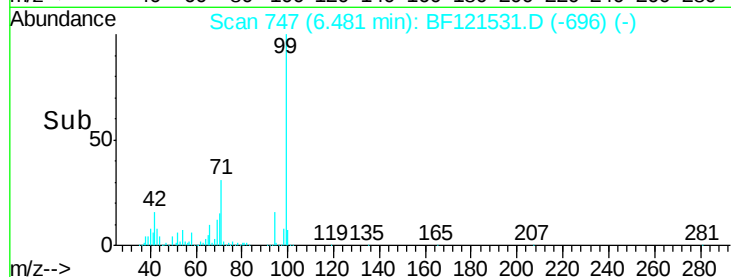
71 31.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.326 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

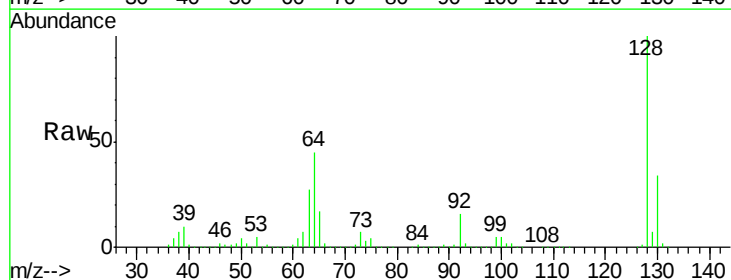
Tgt Ion: 128 Resp: 1069294

Ion Ratio Lower Upper

128 100

130 33.9 12.9 52.9

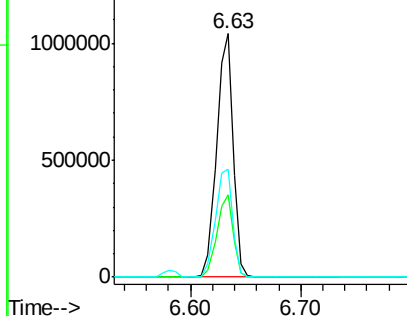
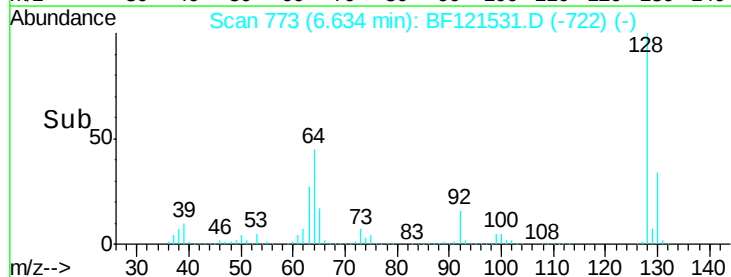
64 44.6 26.4 66.4

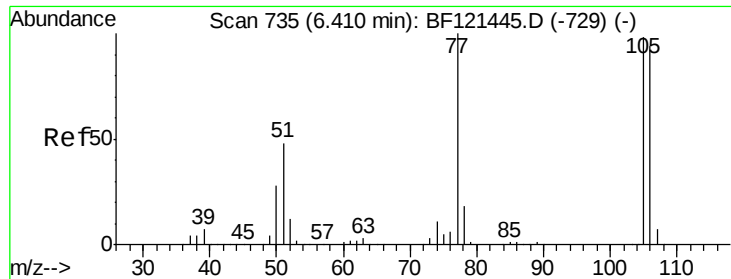


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.260 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

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ClientSampleId :

CL-01-090320MSD

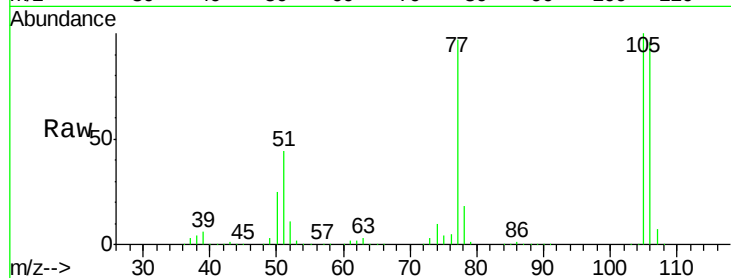
Tot Ion: 77 Resp: 481426

Ion Ratio Lower Upper

77 100

105 103.2 82.1 122.1

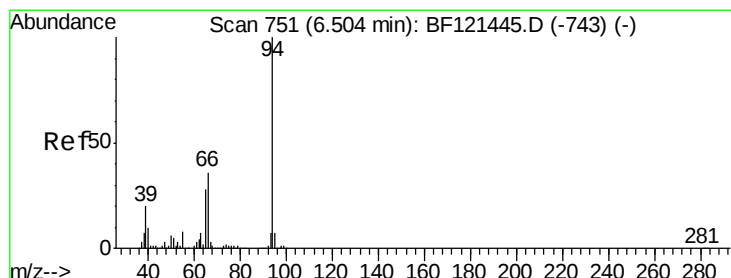
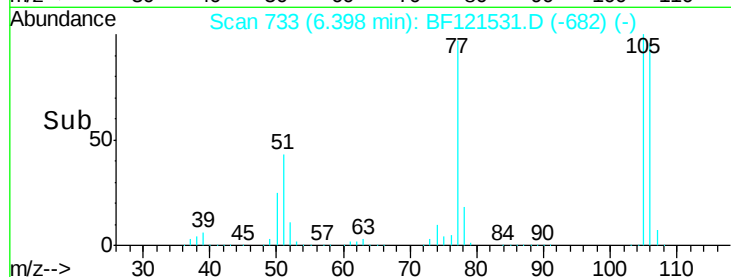
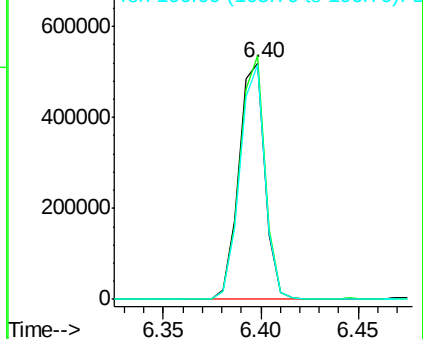
106 99.3 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.599 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

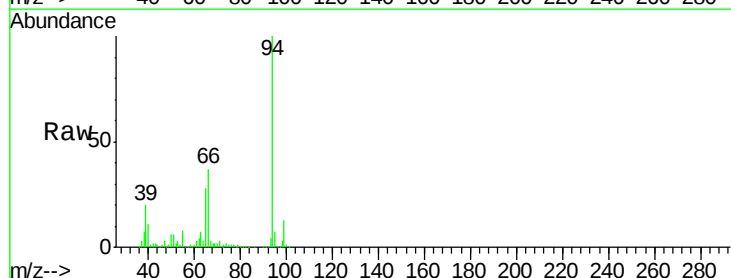
Tgt Ion: 94 Resp: 1194749

Ion Ratio Lower Upper

94 100

65 28.0 8.8 48.8

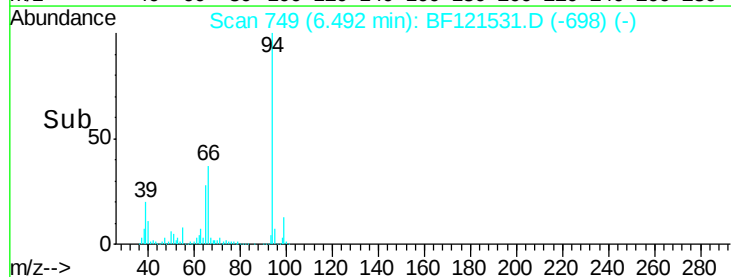
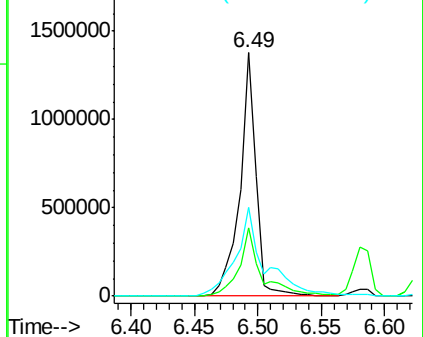
66 36.6 18.4 58.4

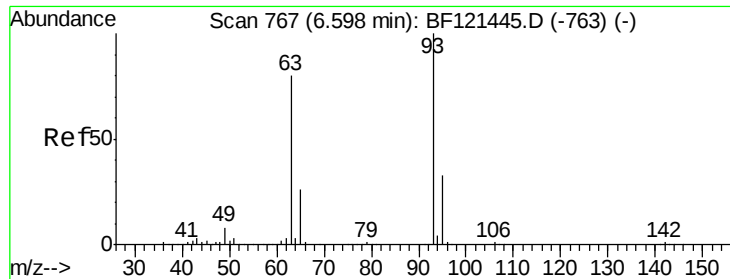


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.331 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

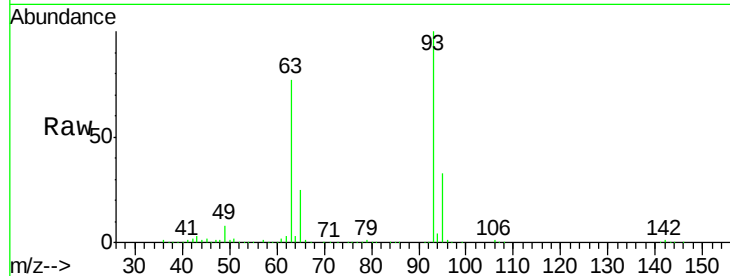
Tot Ion: 93 Resp: 1067053

Ion Ratio Lower Upper

93 100

63 77.3 56.4 96.4

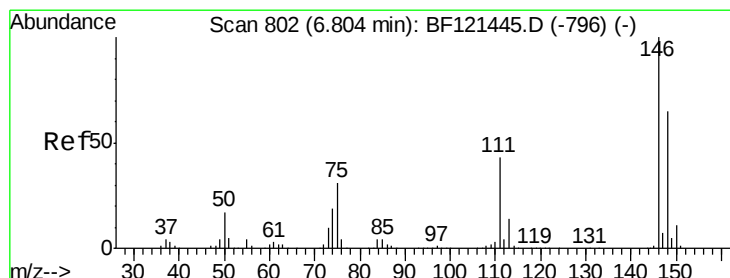
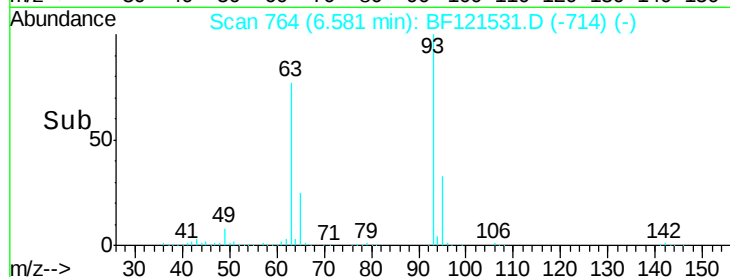
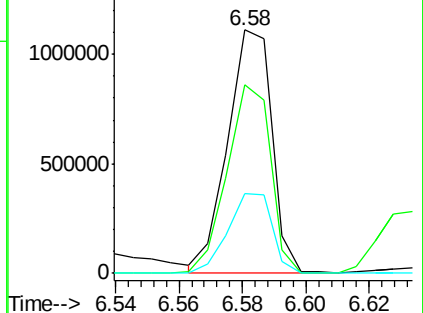
95 33.0 13.3 53.3



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: 37.986 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

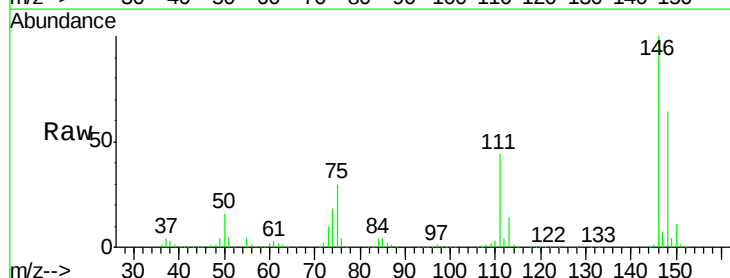
Tgt Ion: 146 Resp: 1078985

Ion Ratio Lower Upper

146 100

148 64.0 51.7 77.5

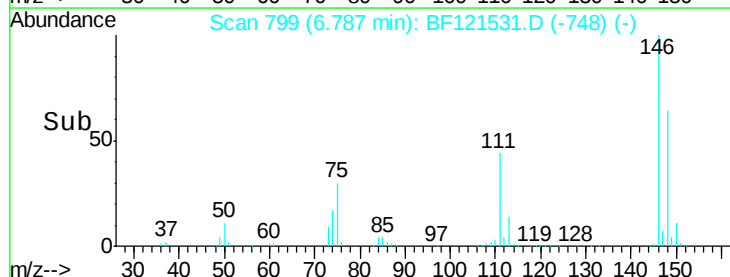
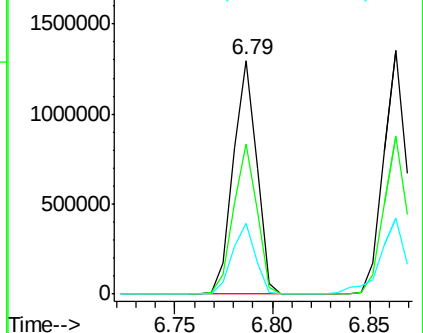
75 30.4 25.5 38.3

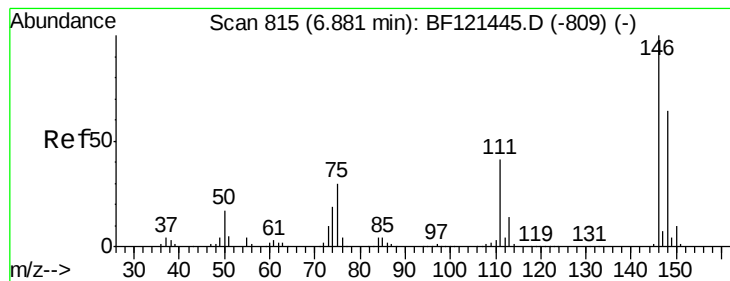


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.911 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

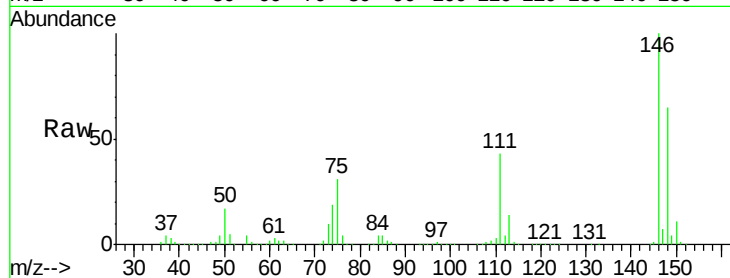
Tot Ion:146 Resp: 1079207

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

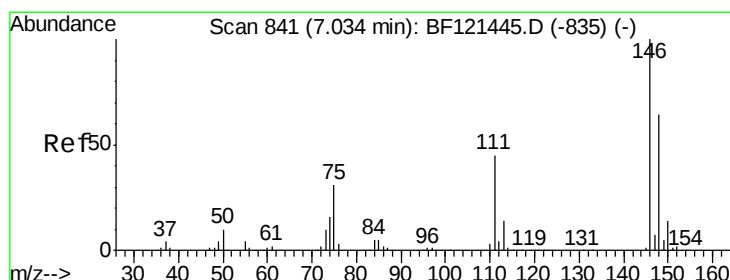
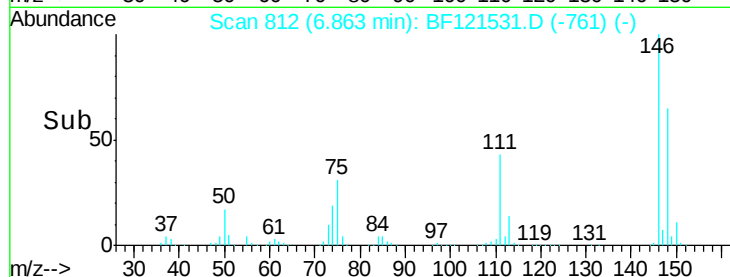
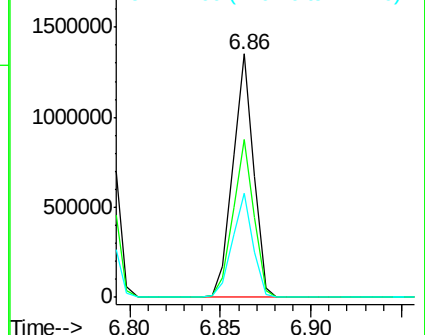
111 42.9 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.970 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

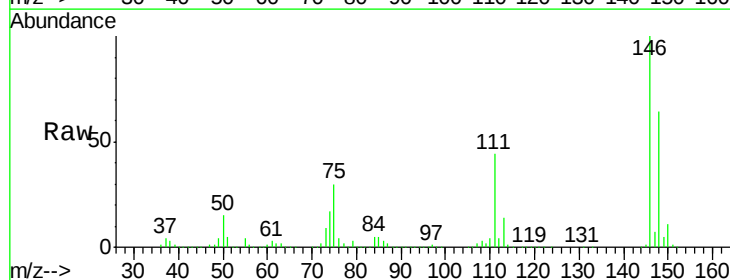
Tgt Ion:146 Resp: 1059441

Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

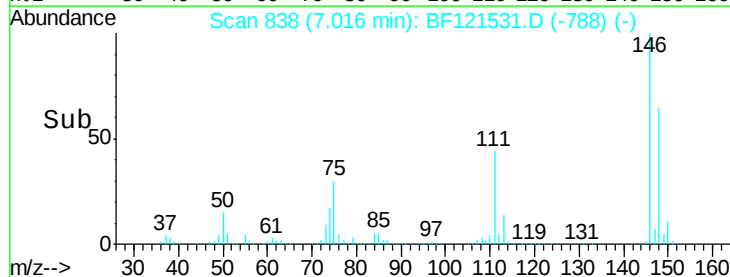
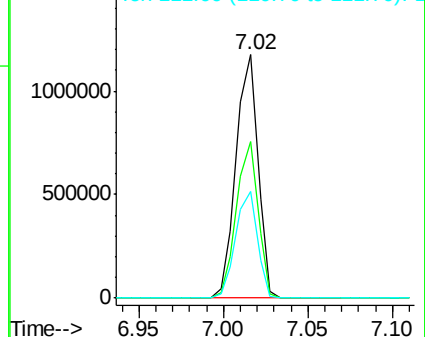
111 43.9 33.9 50.9

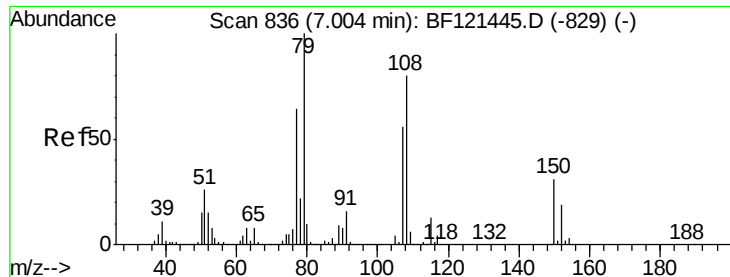


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.637 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

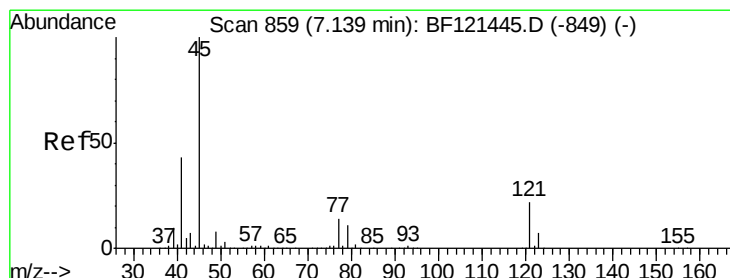
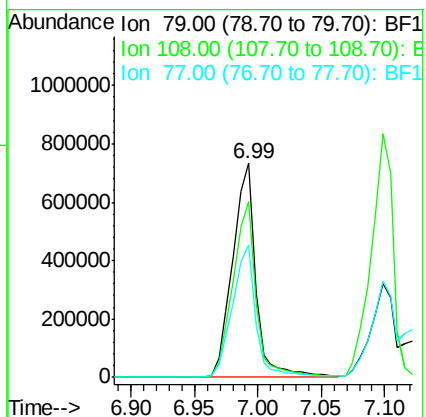
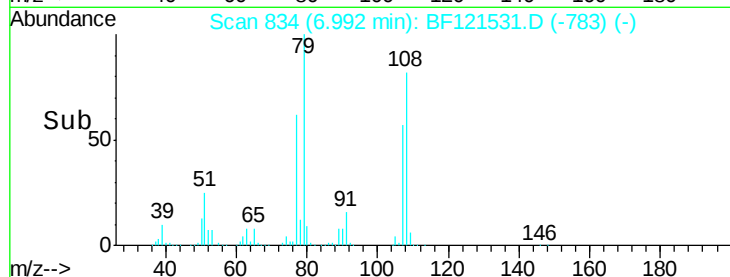
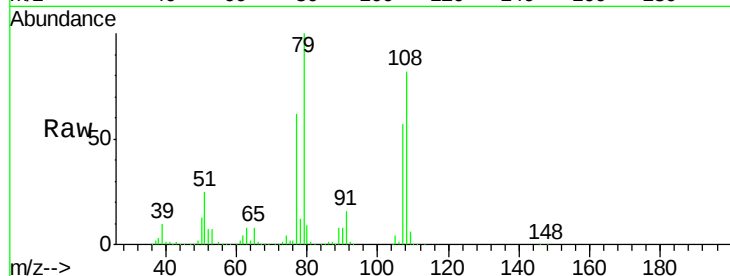
Tot Ion: 79 Resp: 930343

Ion Ratio Lower Upper

79 100

108 82.0 66.9 100.3

77 62.1 49.8 74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.021 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

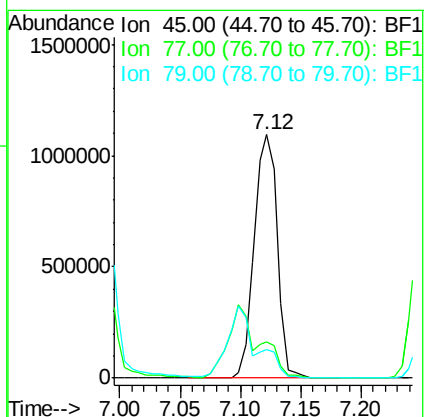
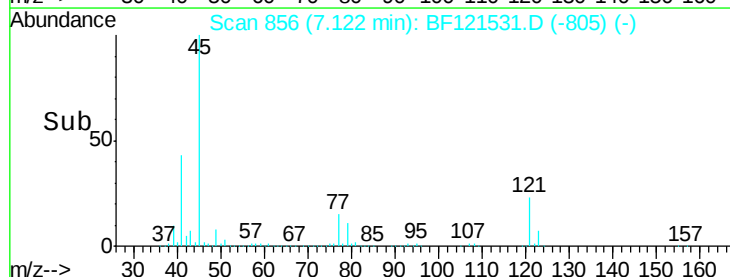
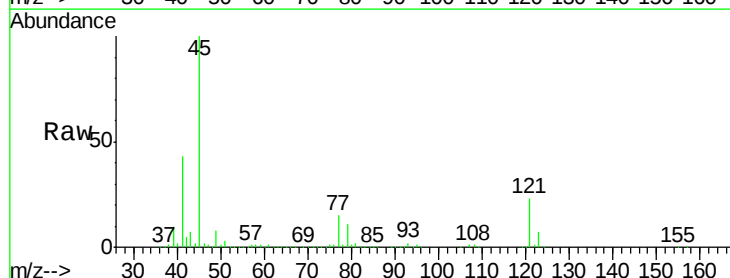
Tgt Ion: 45 Resp: 1454172

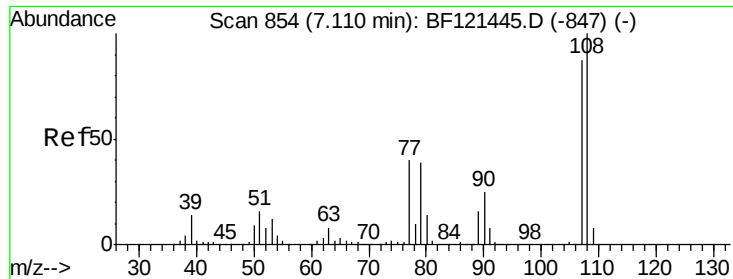
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.7

79 11.5 0.0 31.2

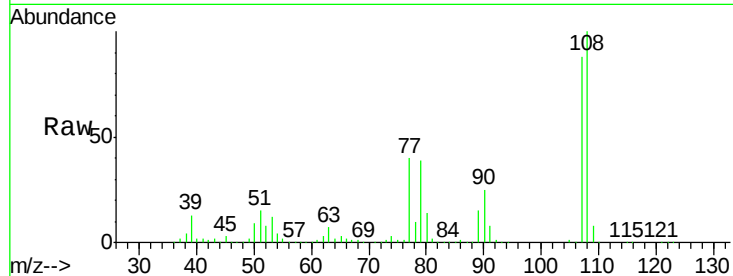




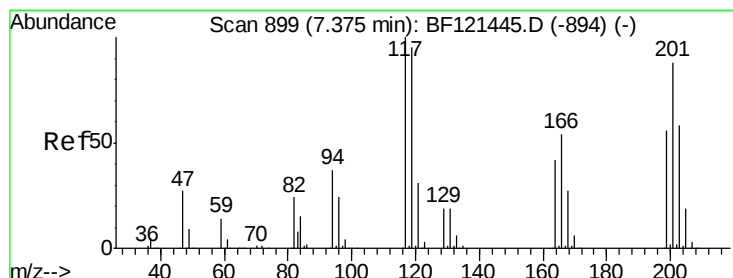
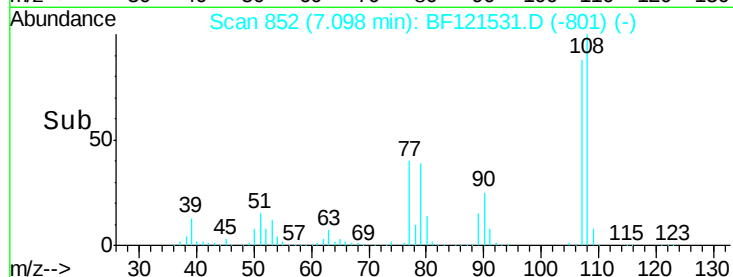
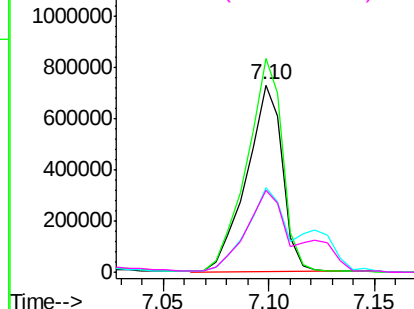
#17
2-Methylphenol
Concen: 41.937 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion:107 Resp: 860781
Ion Ratio Lower Upper
107 100
108 114.0 91.6 137.4
77 45.1 35.4 53.0
79 44.0 34.7 52.1

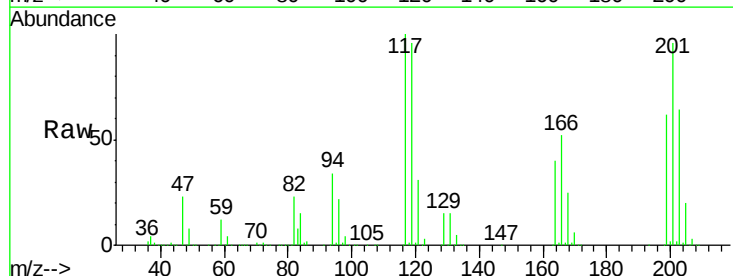


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

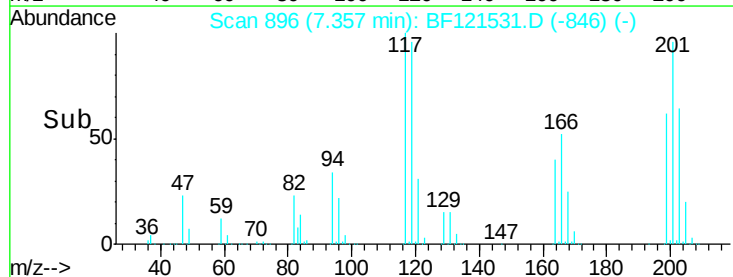
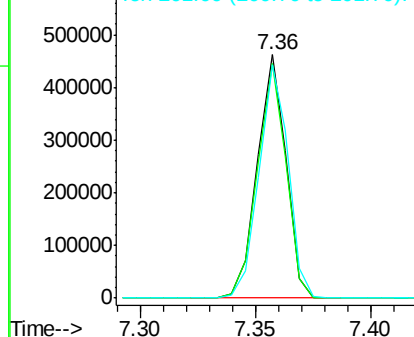


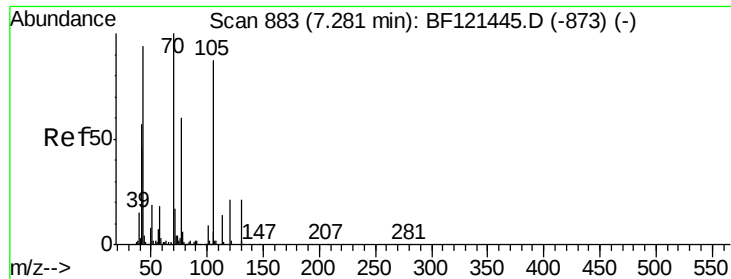
#18
Hexachloroethane
Concen: 41.094 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:117 Resp: 400349
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.4
201 96.0 82.5 123.7



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

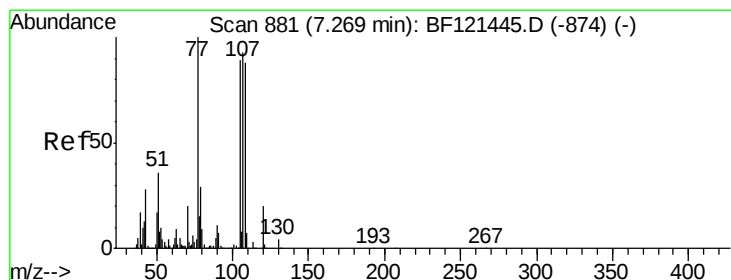
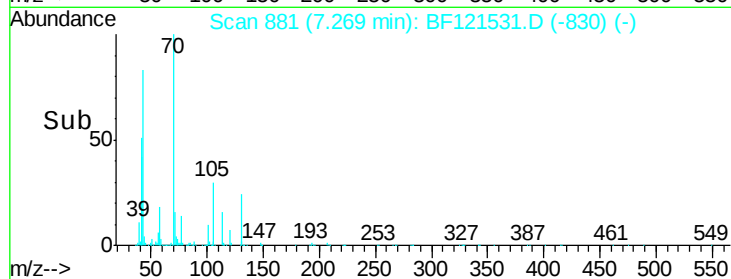
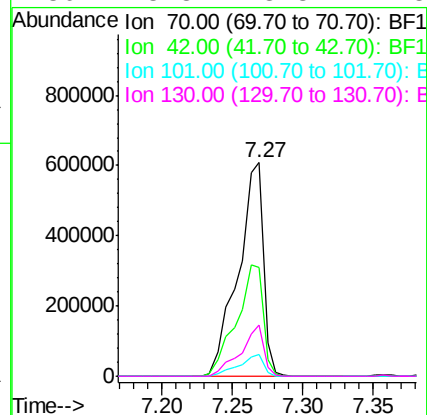
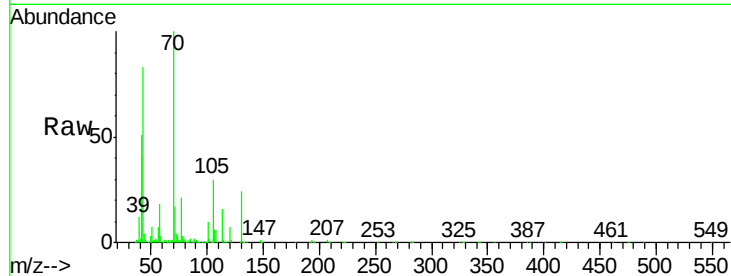




#19
n-Nitroso-di-n-propylamine
Concen: 41.838 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

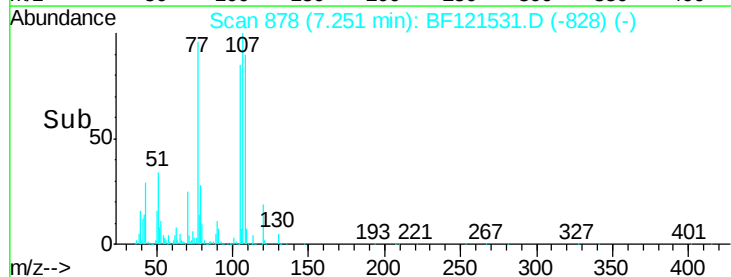
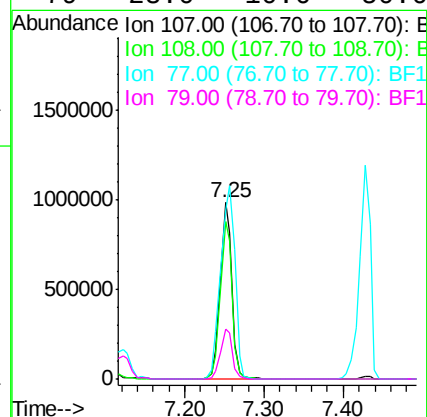
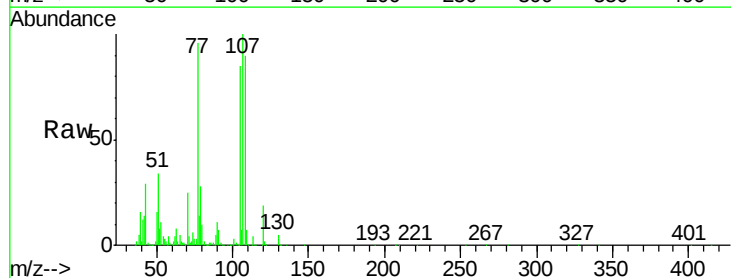
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

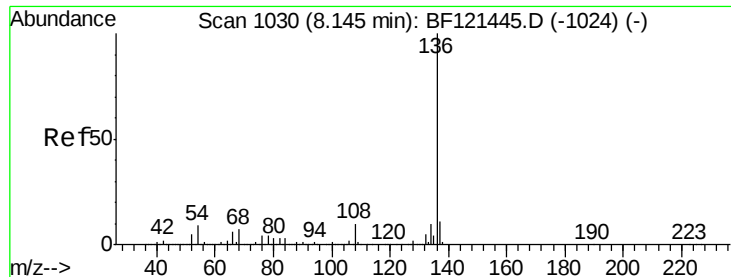
Tot Ion:	70	Resp:	759482
Ion	Ratio	Lower	Upper
70	100		
42	51.2	42.0	63.0
101	10.0	8.1	12.1
130	23.8	18.3	27.5



#20
3+4-Methylphenols
Concen: 40.354 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:	107	Resp:	1002341
Ion	Ratio	Lower	Upper
107	100		
108	89.6	74.0	114.0
77	95.8	96.7	136.7#
79	28.0	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion:136 Resp: 1484990

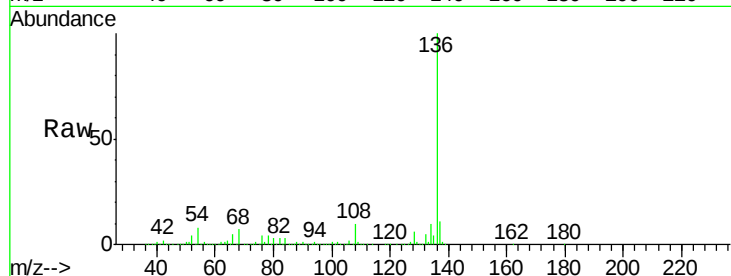
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.3 6.2 9.4

68 6.7 5.1 7.7

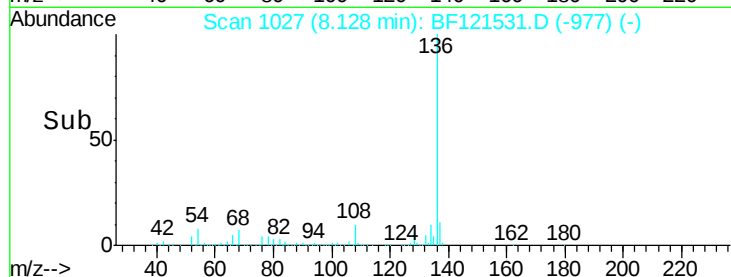


Abundance Ion 136.00 (135.70 to 136.70): E

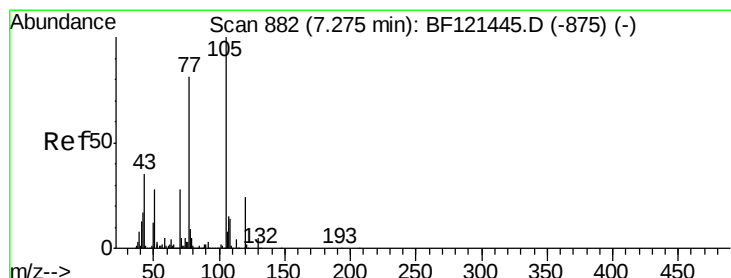
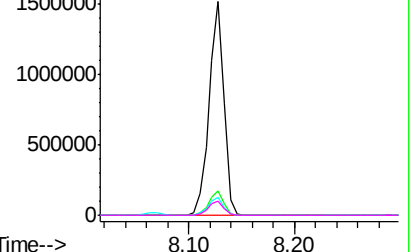
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 37.951 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Tgt Ion:105 Resp: 1389022

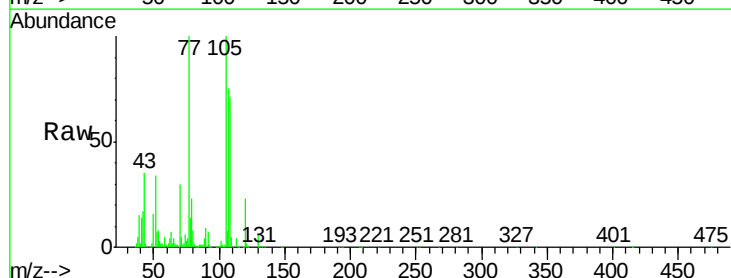
Ion Ratio Lower Upper

105 100

71 5.3 6.0 9.0#

51 34.0 20.7 31.1#

120 22.8 18.9 28.3

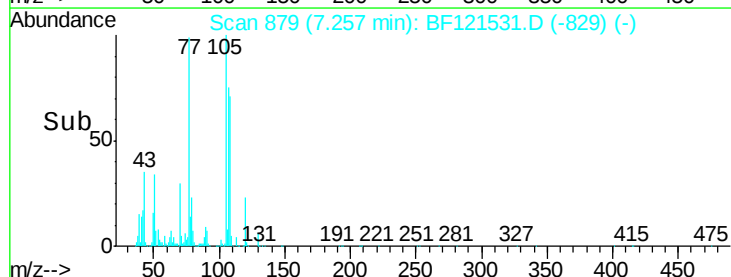


Abundance Ion 105.00 (104.70 to 105.70): E

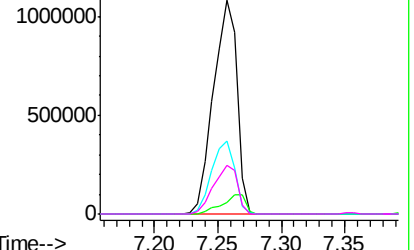
Ion 71.00 (70.70 to 71.70): BF1

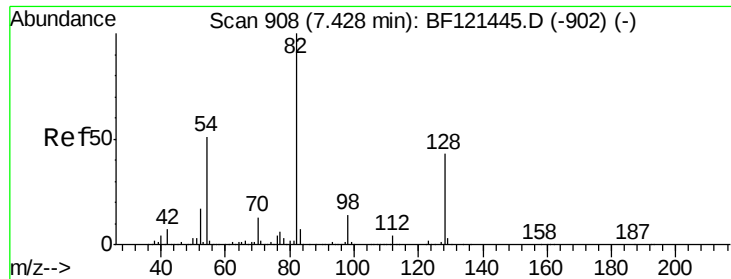
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

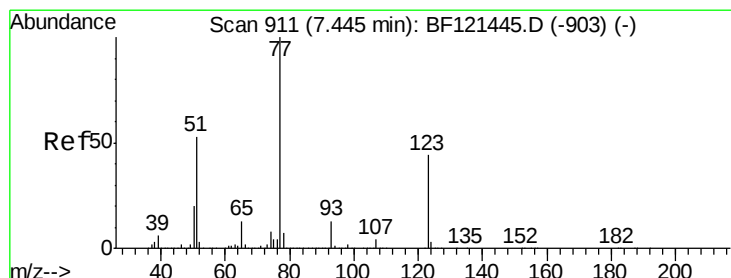
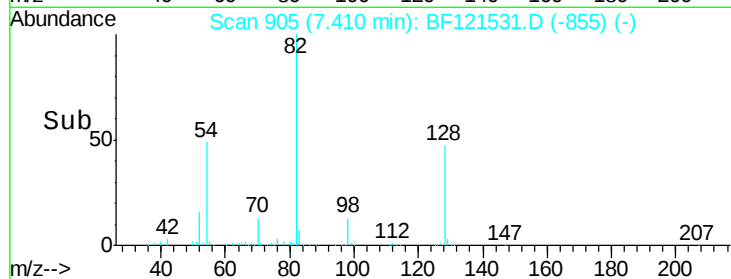
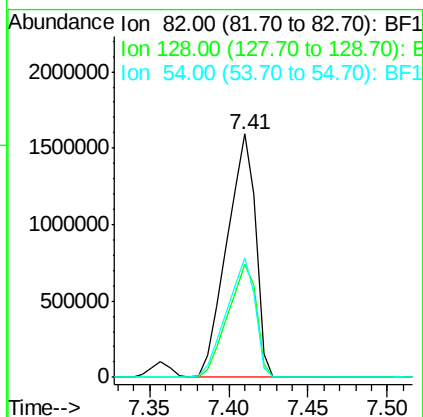
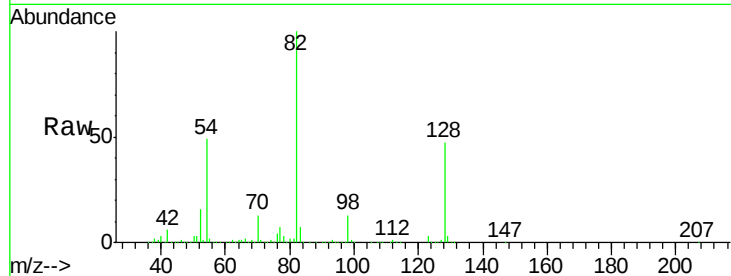




#23
Nitrobenzene-d5
Concen: 92.029 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

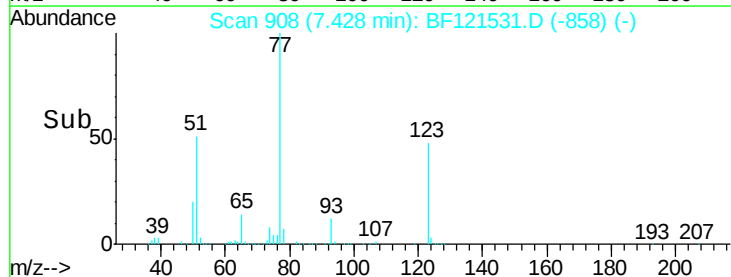
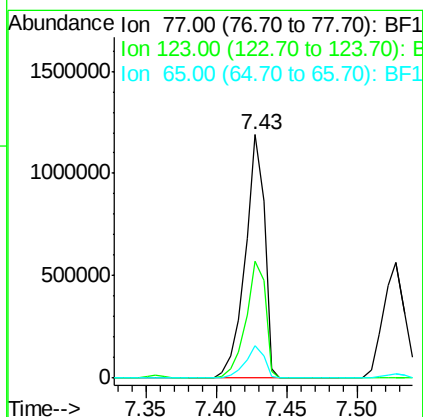
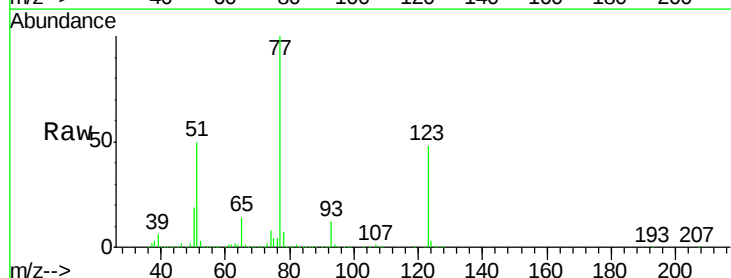
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

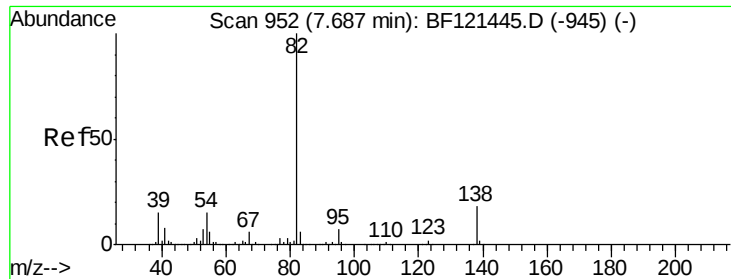
Tot Ion: 82 Resp: 1998983
Ion Ratio Lower Upper
82 100
128 46.6 37.3 55.9
54 48.9 39.0 58.6



#24
Nitrobenzene
Concen: 52.038 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion: 77 Resp: 1133031
Ion Ratio Lower Upper
77 100
123 47.9 39.7 59.5
65 13.5 11.0 16.4

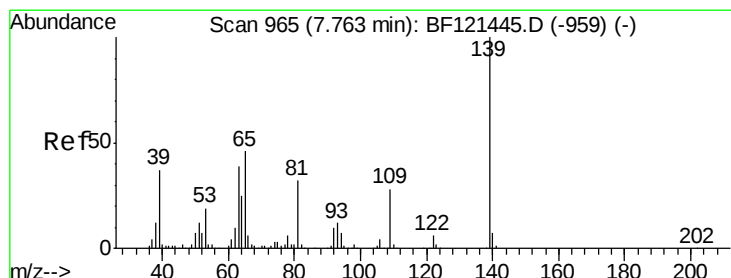
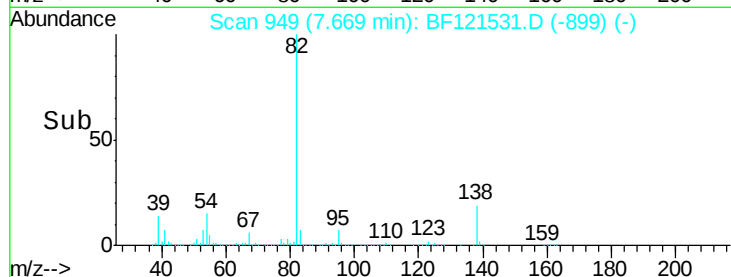
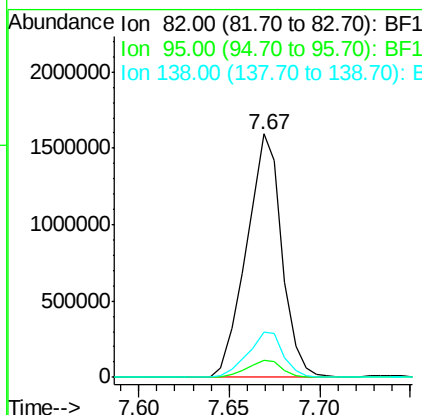
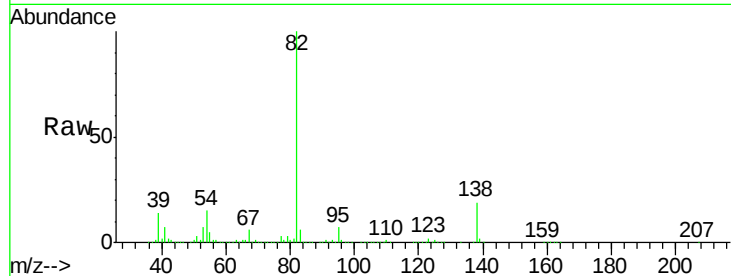




#25
Isophorone
Concen: 44.148 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

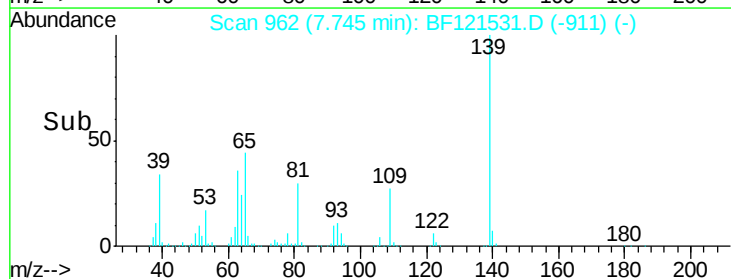
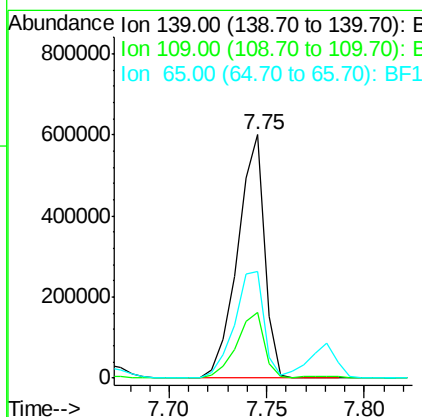
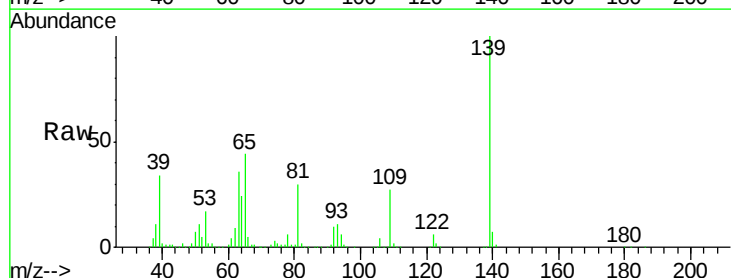
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

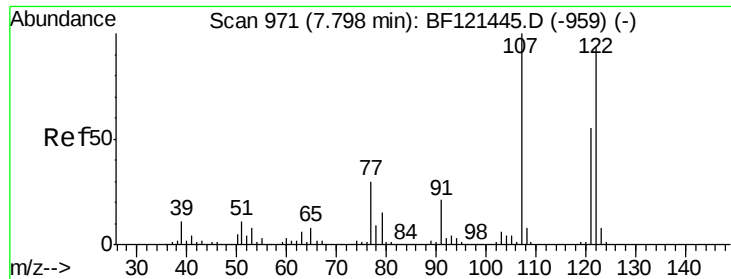
Tot Ion: 82 Resp: 2156917
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.6 15.6 23.4



#26
2-Nitrophenol
Concen: 57.864 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion: 139 Resp: 574654
Ion Ratio Lower Upper
139 100
109 26.8 22.0 33.0
65 43.8 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 48.417 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

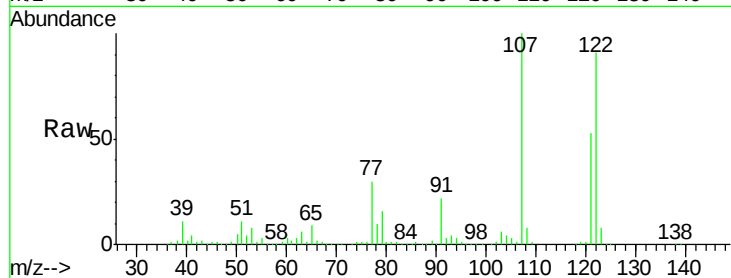
Tot Ion:122 Resp: 981075

Ion Ratio Lower Upper

122 100

107 109.5 87.7 131.5

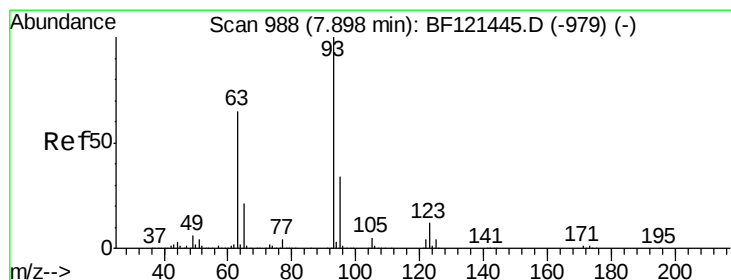
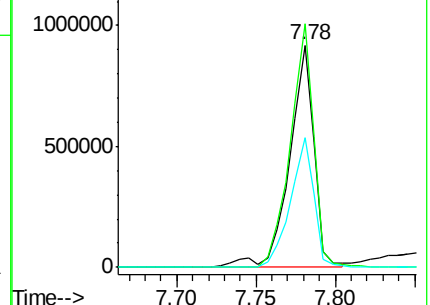
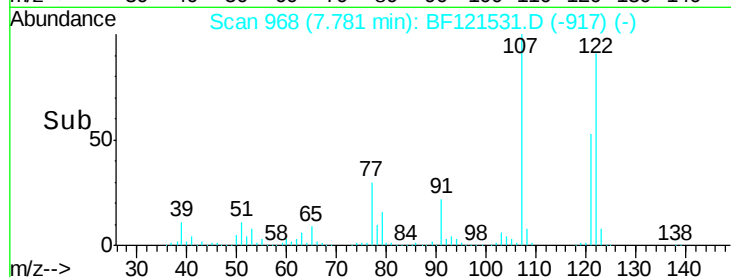
121 58.5 46.5 69.7



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: 41.402 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

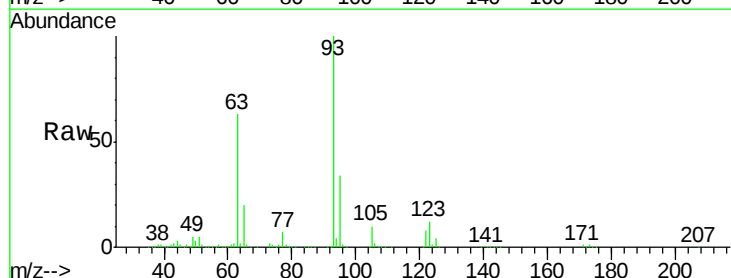
Tgt Ion: 93 Resp: 1375445

Ion Ratio Lower Upper

93 100

95 33.8 27.4 41.0

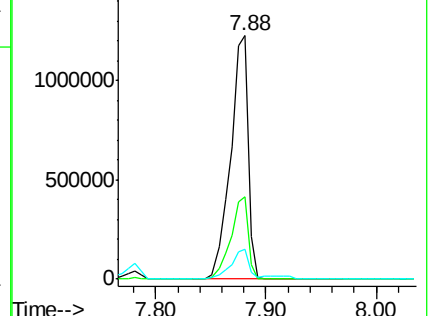
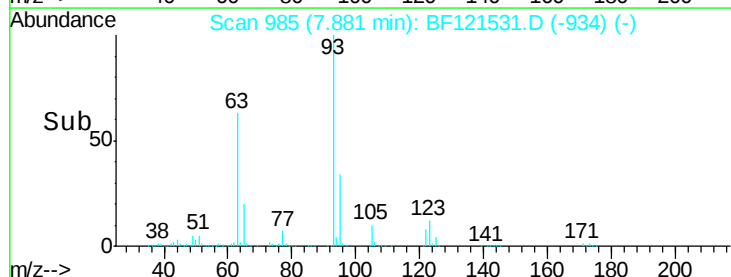
123 12.2 9.6 14.4

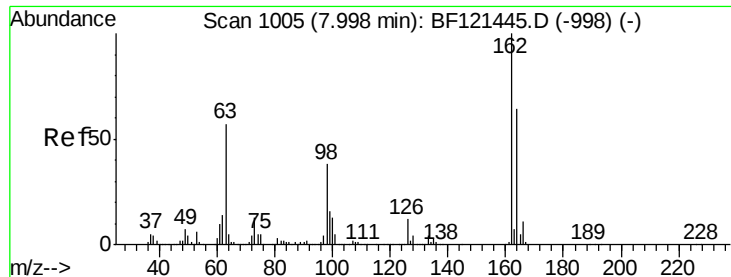


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

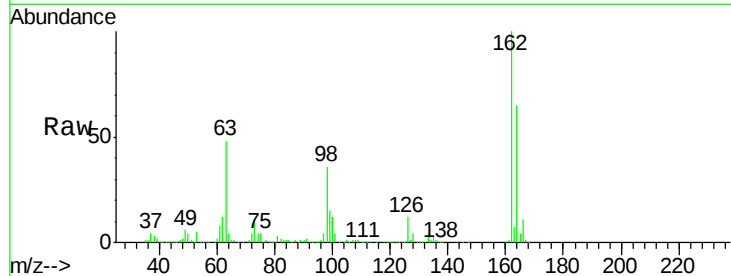




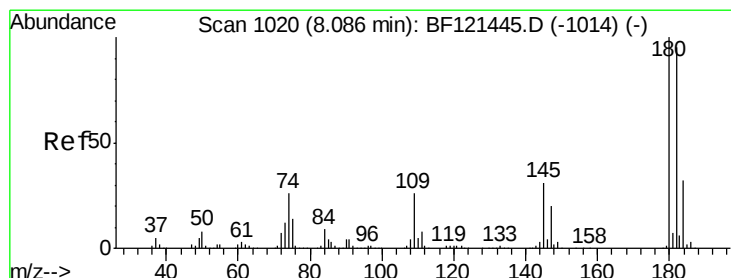
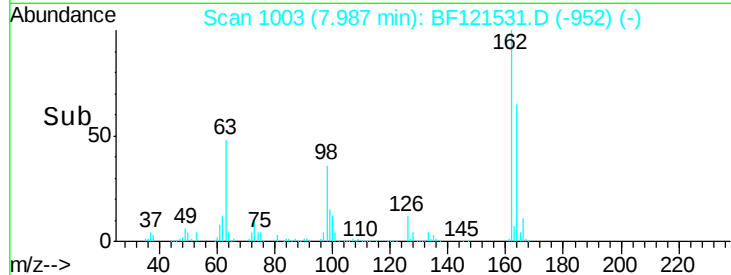
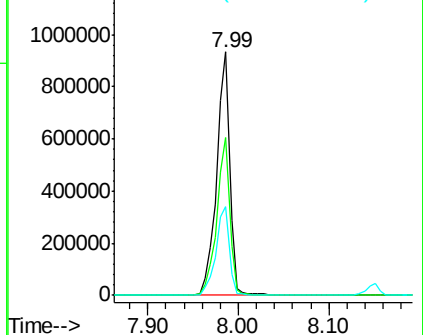
#29
 2,4-Dichlorophenol
 Concen: 46.810 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion:162 Resp: 936551
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.1 84.1
 98 36.5 18.4 58.4

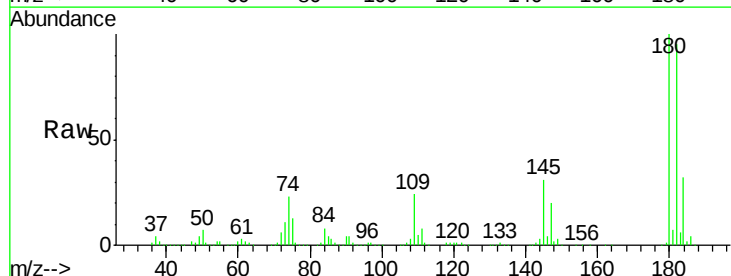


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

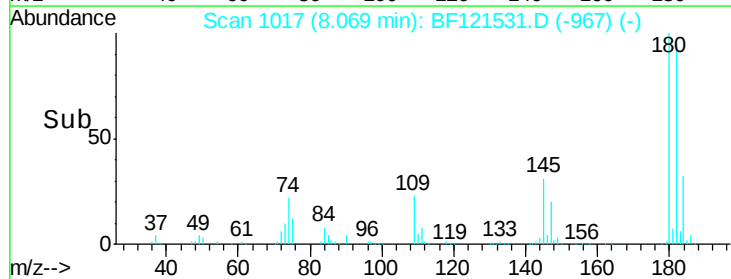
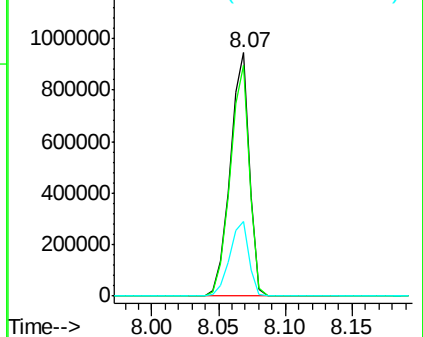


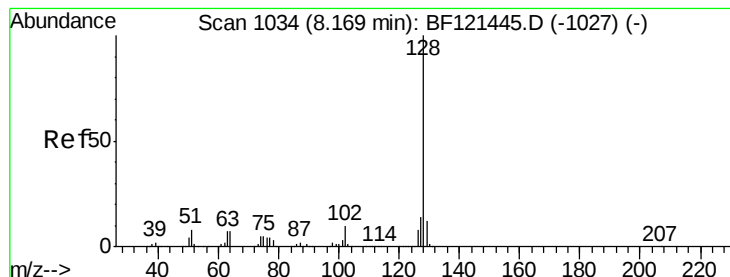
#30
 1,2,4-Trichlorobenzene
 Concen: 39.084 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:180 Resp: 957936
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.5 116.3
 145 30.9 24.3 36.5



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: 39.950 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

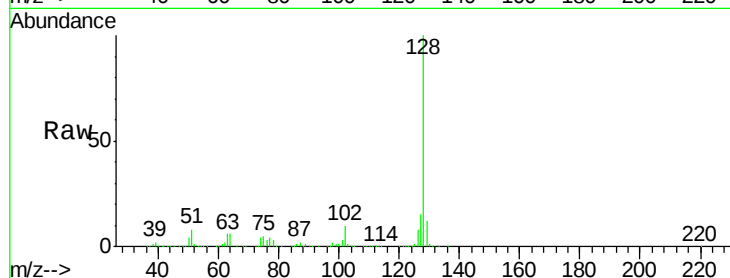
Tot Ion:128 Resp: 2945297

Ion Ratio Lower Upper

128 100

129 12.1 9.7 14.5

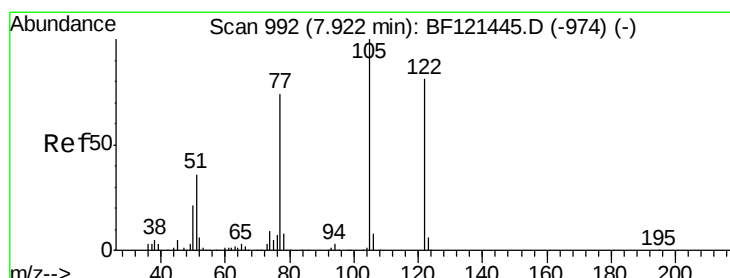
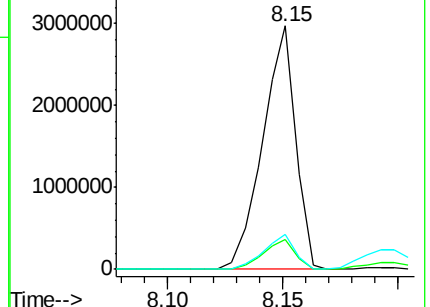
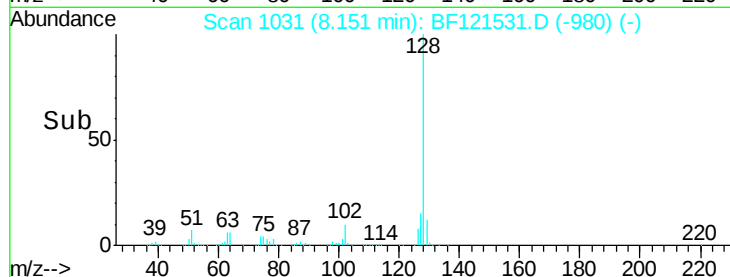
127 14.6 11.1 16.7



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: 51.331 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

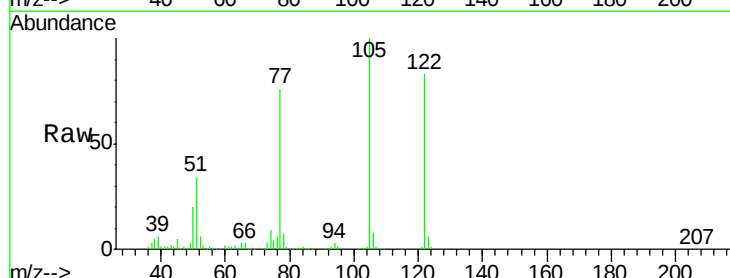
Tgt Ion:122 Resp: 673667

Ion Ratio Lower Upper

122 100

105 120.2 102.2 142.2

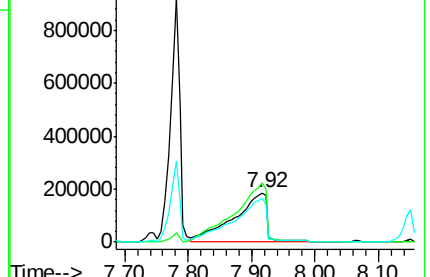
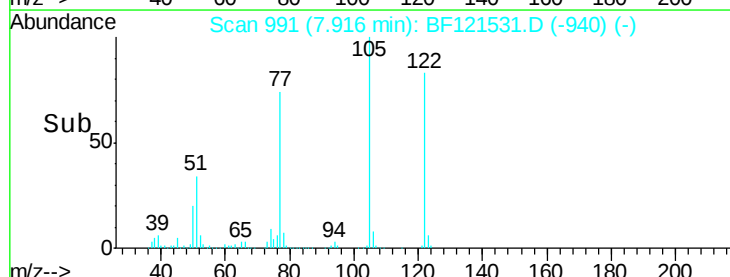
77 90.7 69.8 109.8

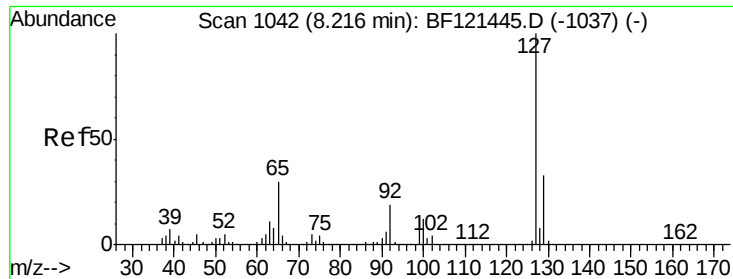


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

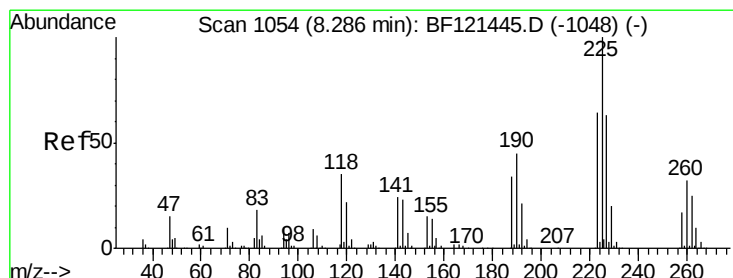
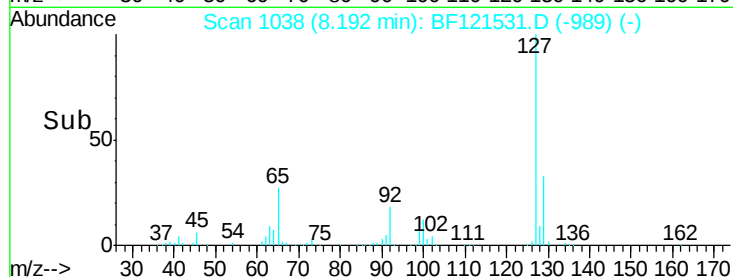
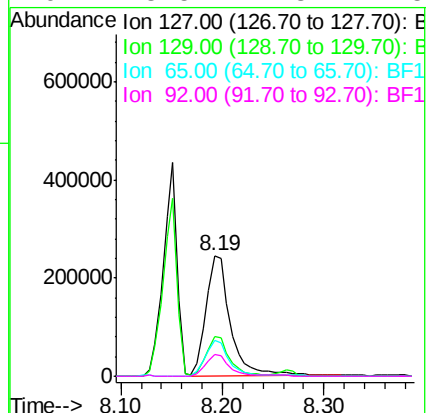
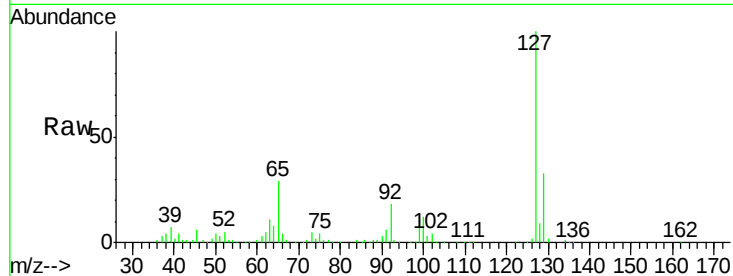




#33
 4-Chloroaniline
 Concen: 12.513 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

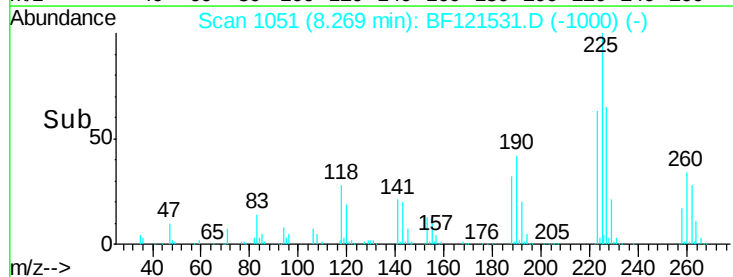
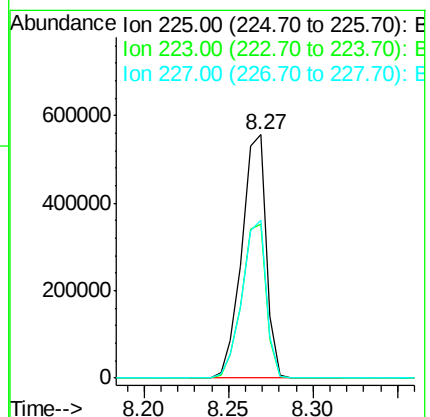
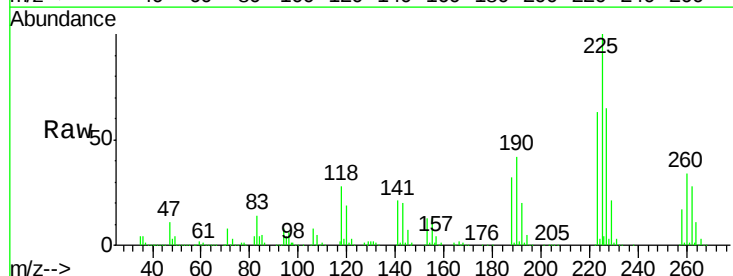
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

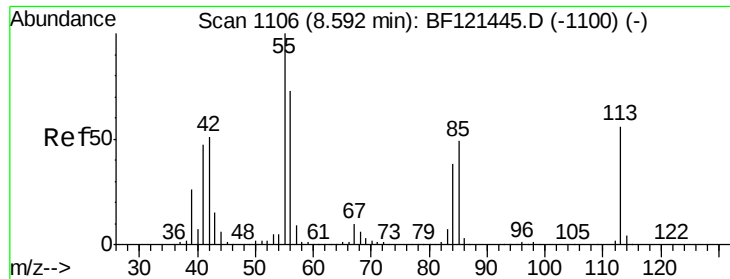
Tot Ion:	127	Resp:	410894
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	29.5	21.8	32.6
92	18.5	14.3	21.5



#34
 Hexachlorobutadiene
 Concen: 38.589 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:	225	Resp:	562452
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.8	77.6
227	64.7	51.0	76.4

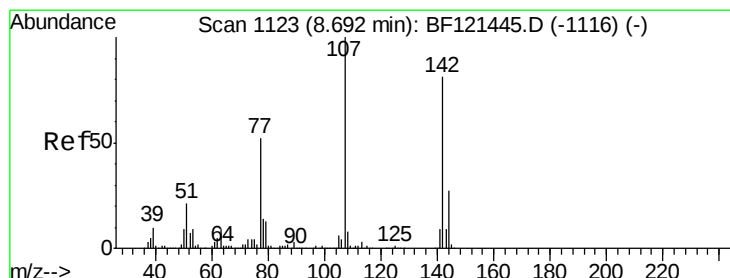
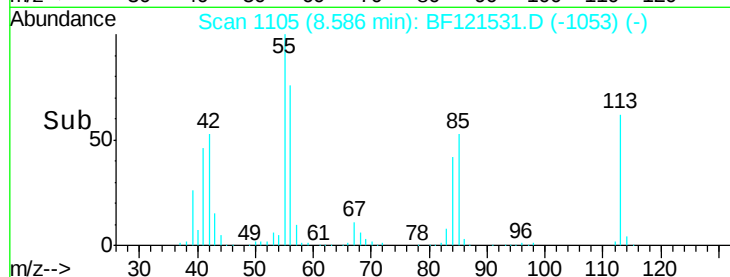
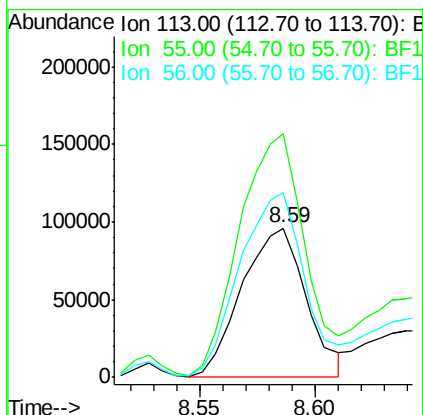
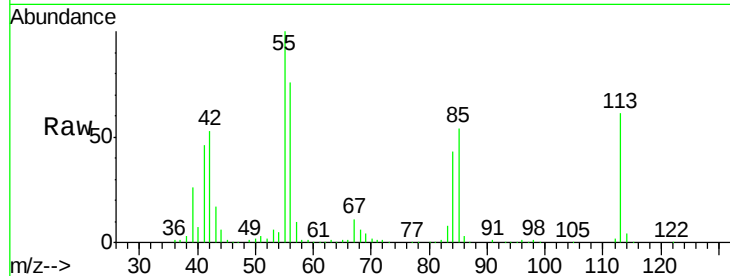




#35
 Caprolactam
 Concen: 28.267 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

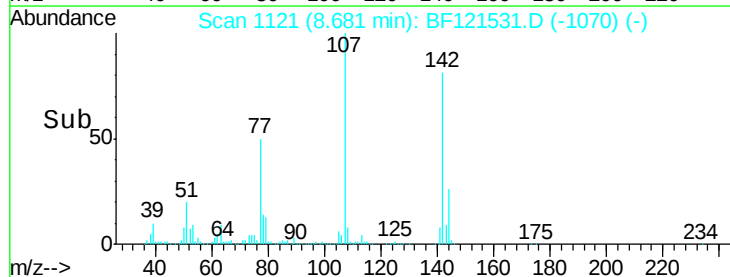
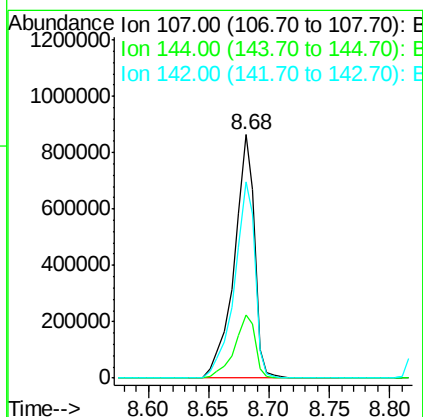
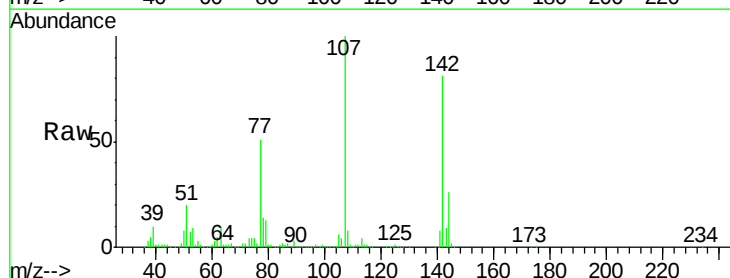
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

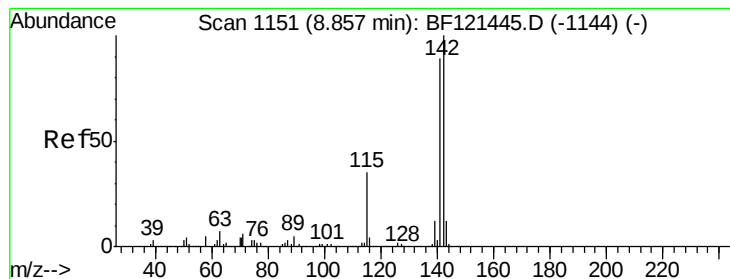
Tot Ion:113 Resp: 184455
 Ion Ratio Lower Upper
 113 100
 55 163.0 149.1 189.1
 56 123.4 104.4 144.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.032 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:107 Resp: 1013225
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.3 31.9
 142 80.8 64.9 97.3





#37

2-Methylnaphthalene

Concen: 42.665 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

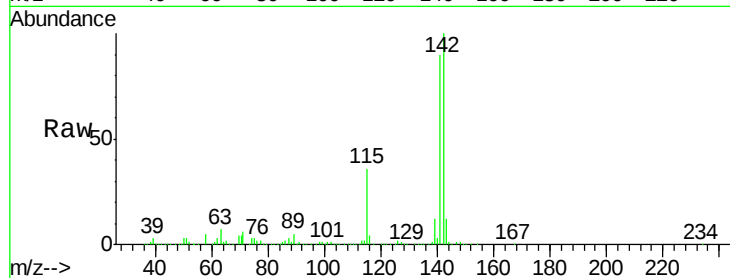
Tot Ion:142 Resp: 2083999

Ion Ratio Lower Upper

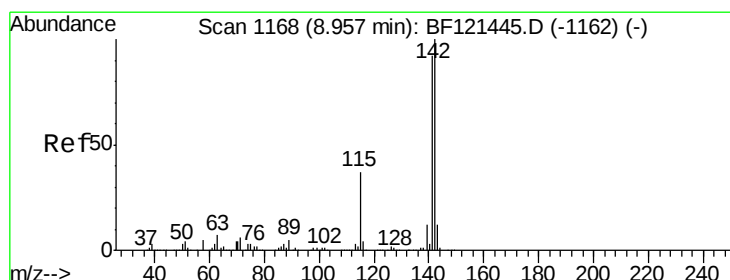
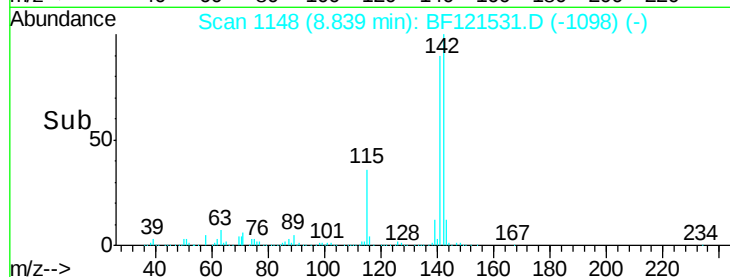
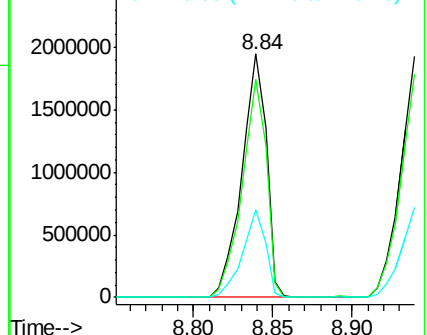
142 100

141 89.8 71.9 107.9

115 35.8 27.7 41.5



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



#38

1-Methylnaphthalene

Concen: 41.913 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

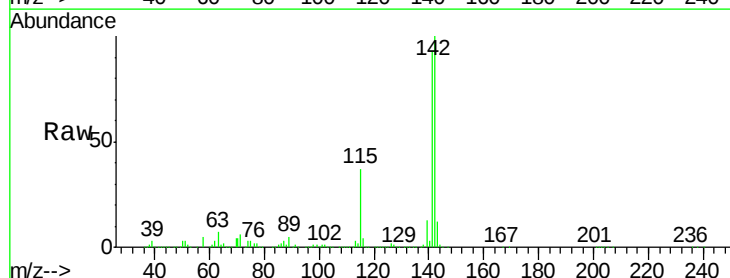
Tgt Ion:142 Resp: 1933138

Ion Ratio Lower Upper

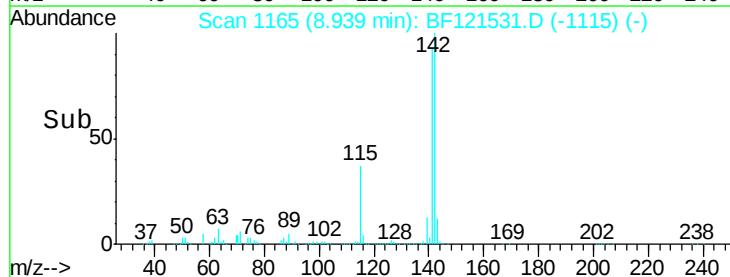
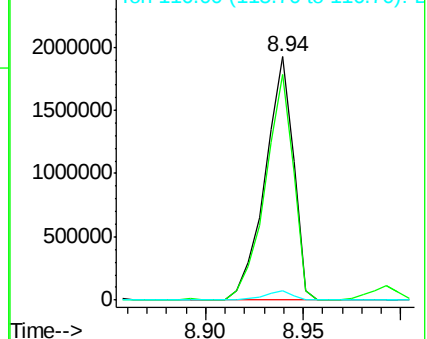
142 100

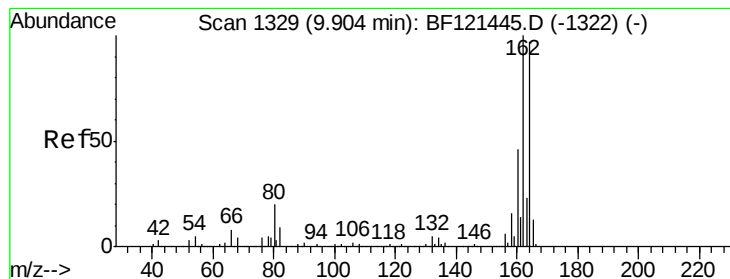
141 92.6 73.7 110.5

116 3.9 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

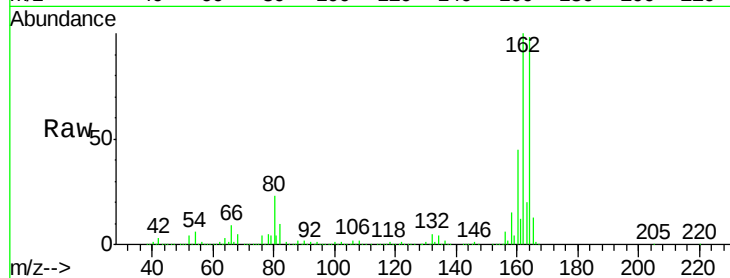
Tot Ion:164 Resp: 788740

Ion Ratio Lower Upper

164 100

162 101.9 80.5 120.7

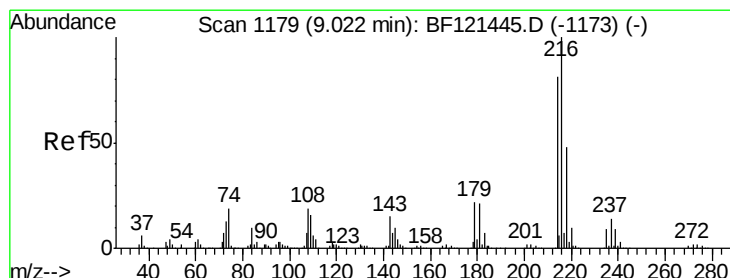
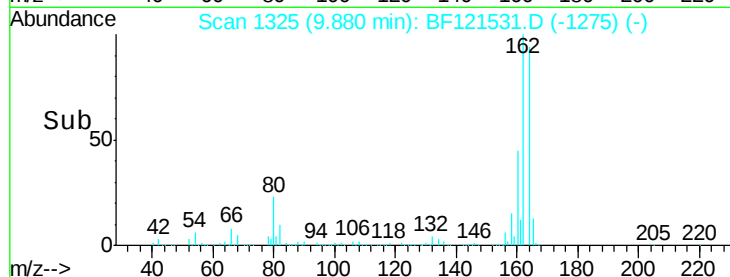
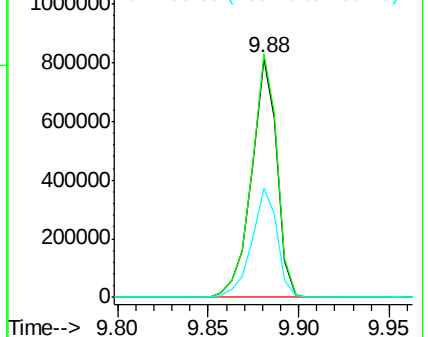
160 45.9 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.347 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Tgt Ion:216 Resp: 966725

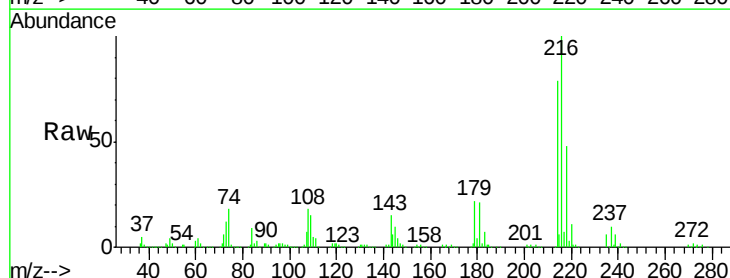
Ion Ratio Lower Upper

216 100

214 79.4 64.3 96.5

179 21.0 16.9 25.3

108 19.8 14.9 22.3

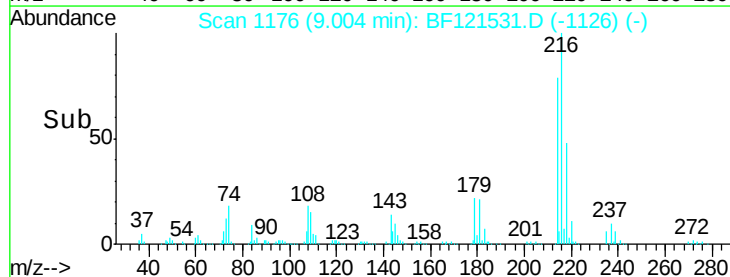
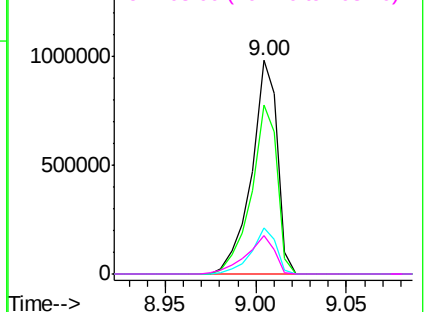


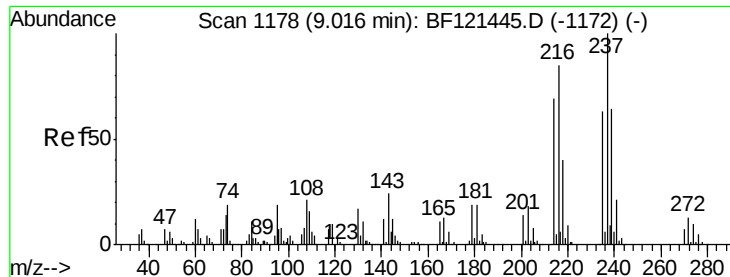
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.472 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

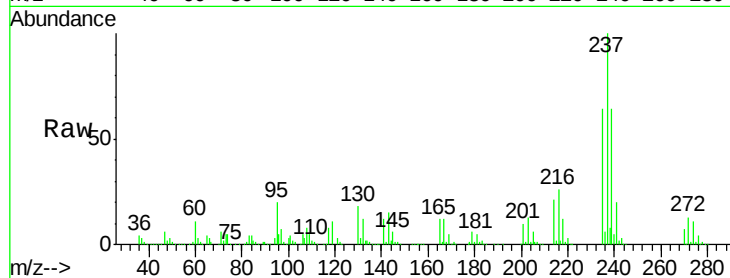
Tot Ion:237 Resp: 928858

Ion Ratio Lower Upper

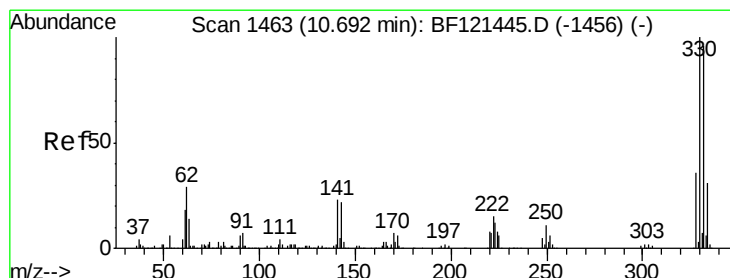
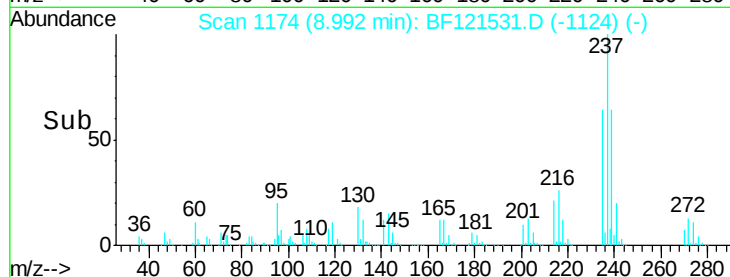
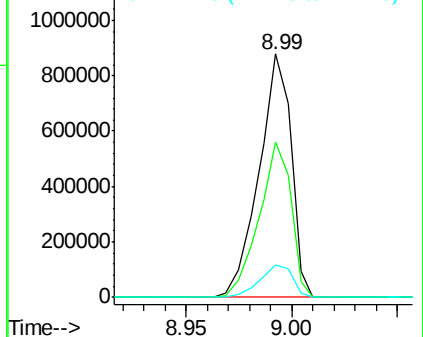
237 100

235 64.0 43.0 83.0

272 13.4 0.0 34.0



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: 141.257 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

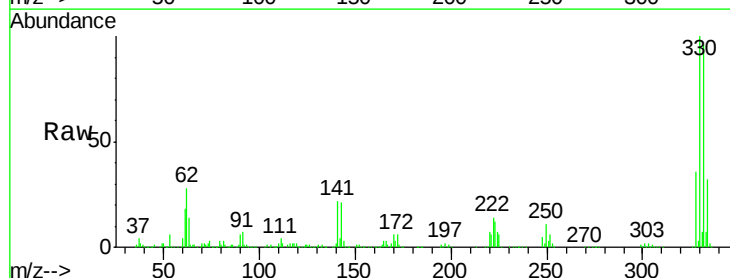
Tgt Ion:330 Resp: 1125351

Ion Ratio Lower Upper

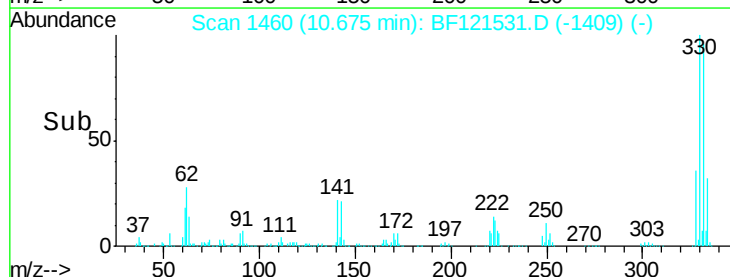
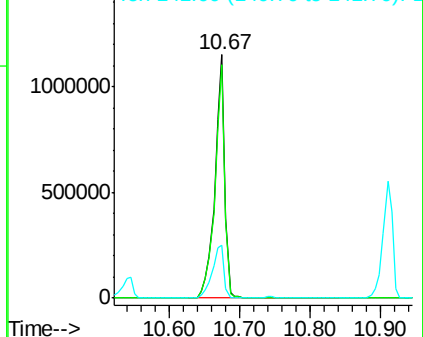
330 100

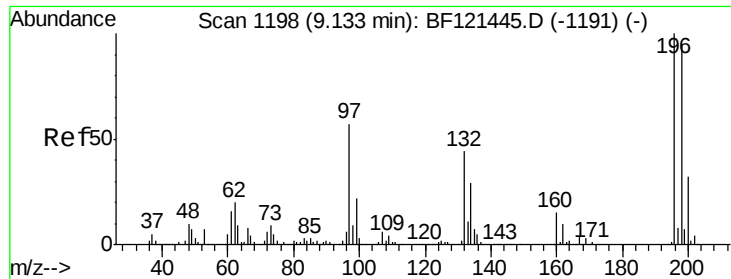
332 96.0 76.2 114.2

141 26.3 22.6 34.0



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

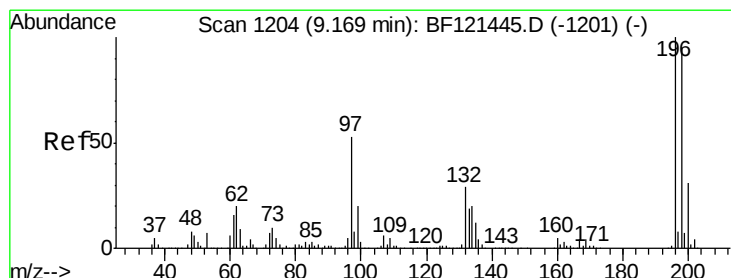
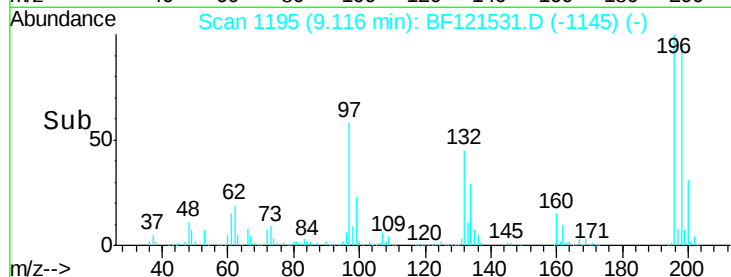
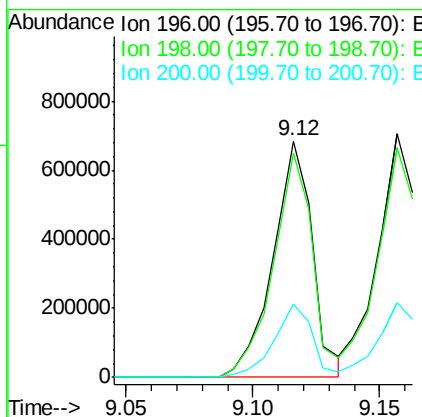
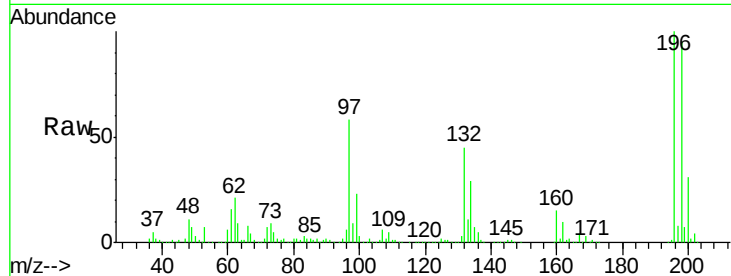




#43
 2,4,6-Trichlorophenol
 Concen: 49.778 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

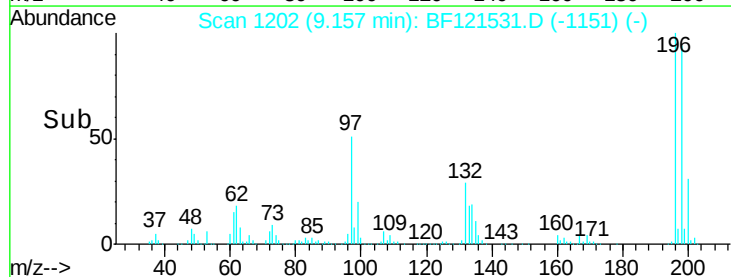
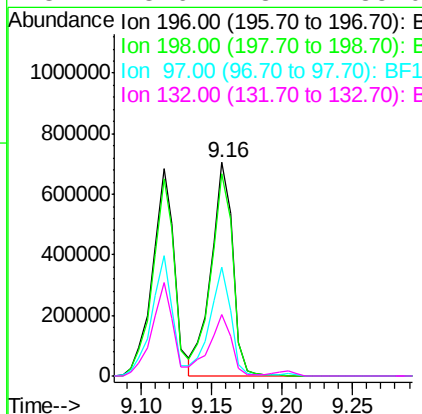
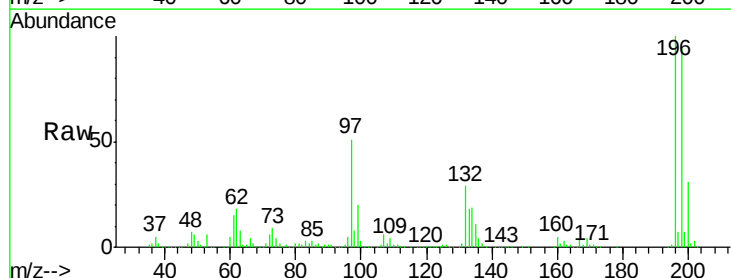
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

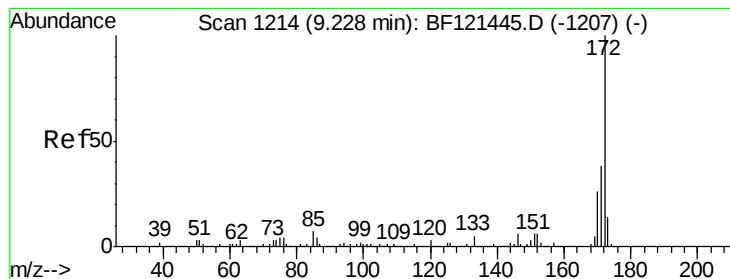
Tot Ion:196 Resp: 735610
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.1 115.7
 200 31.2 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 51.617 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:196 Resp: 754280
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.5 113.3
 97 50.8 42.2 63.4
 132 28.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 72.537 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

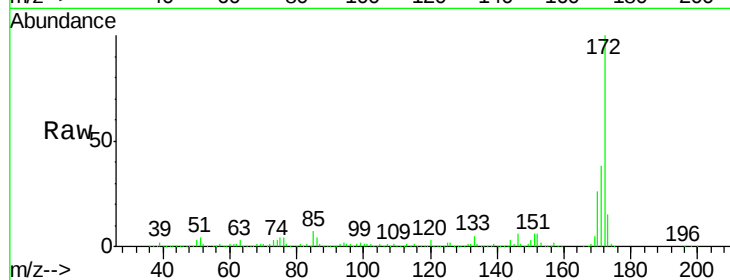
BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion:172 Resp: 3545800

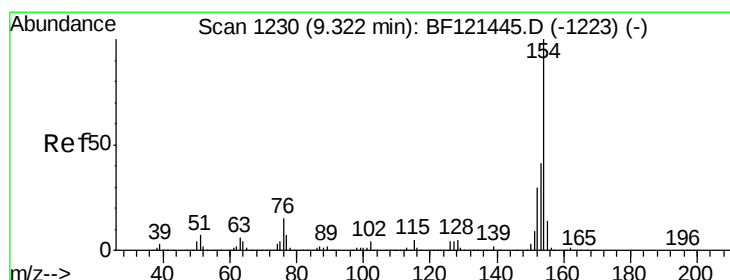
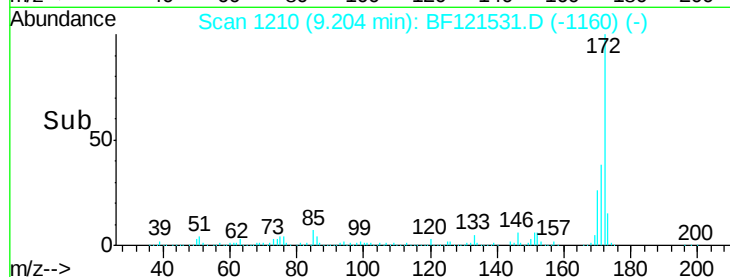
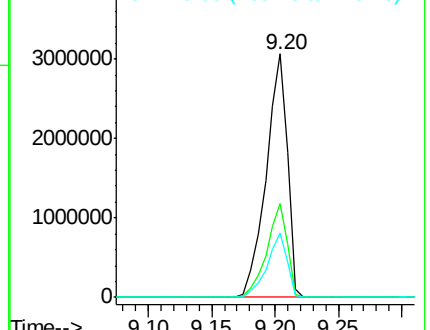
Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.4	45.6
170	26.3	20.7	31.1



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: 41.981 ng

RT: 9.30 min Scan# 1227

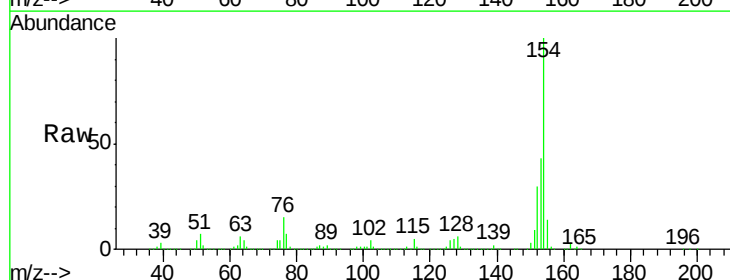
Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Tgt Ion:154 Resp: 2498666

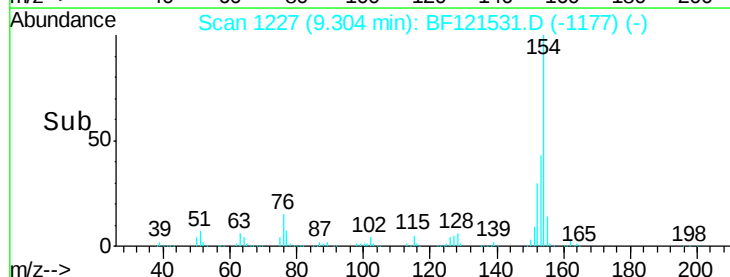
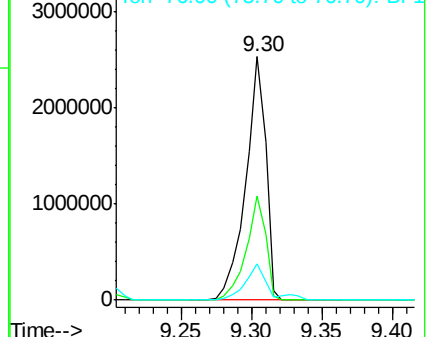
Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.1	62.1
76	14.8	0.0	33.5

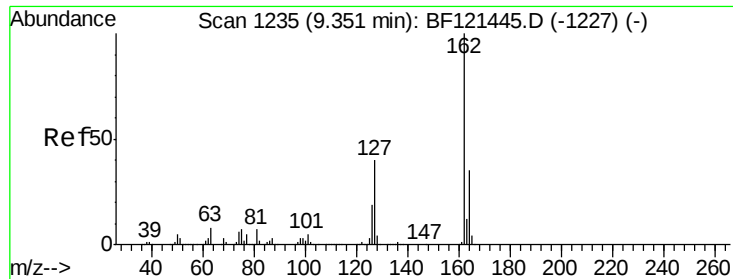


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

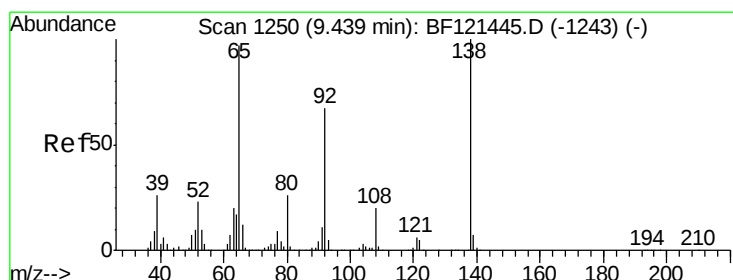
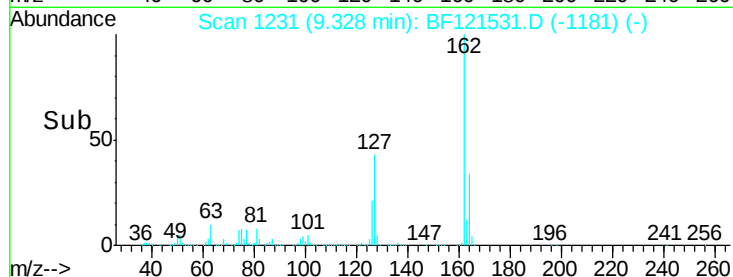
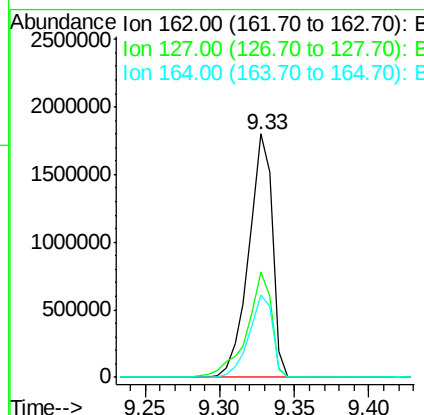
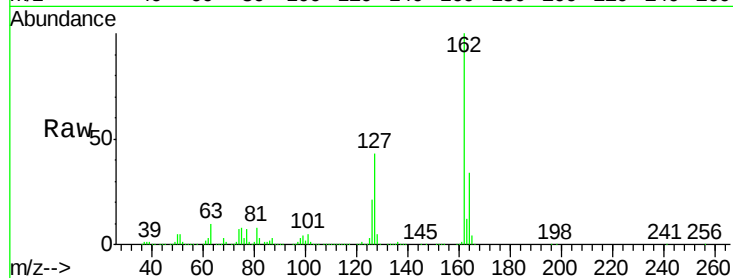




#47
 2-Chloronaphthalene
 Concen: 39.919 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

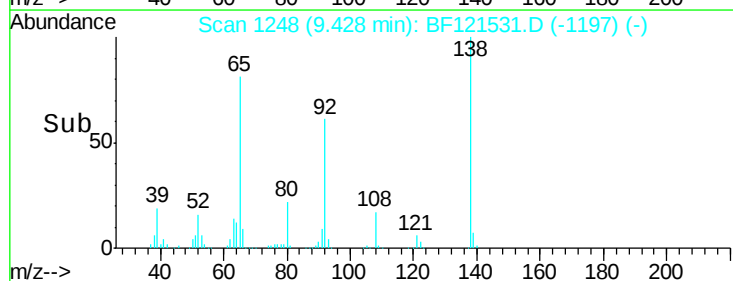
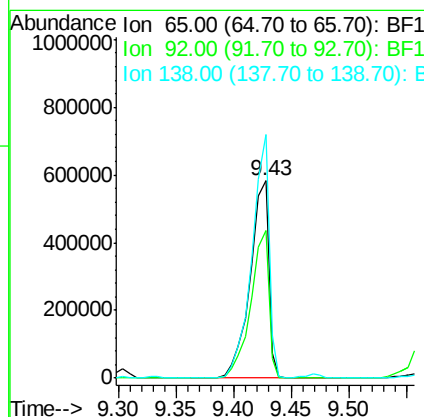
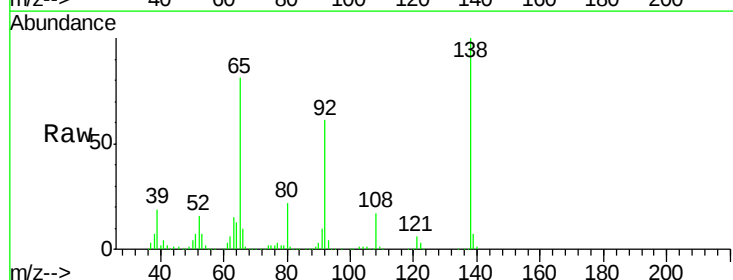
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

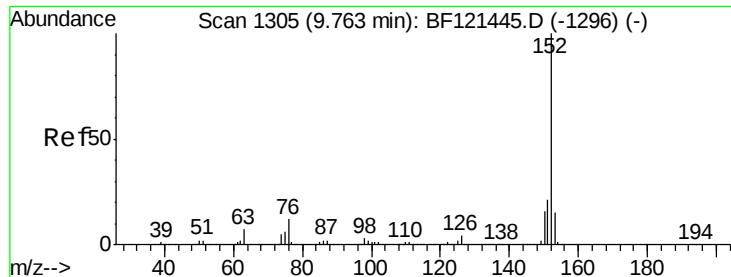
Tot Ion:	162	Resp:	1952907
Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.0	51.0
164	34.1	27.6	41.4



#48
 2-Nitroaniline
 Concen: 47.812 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:	65	Resp:	656100
Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.6	87.8
138	123.4	88.6	133.0





#49

Acenaphthylene

Concen: 42.664 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

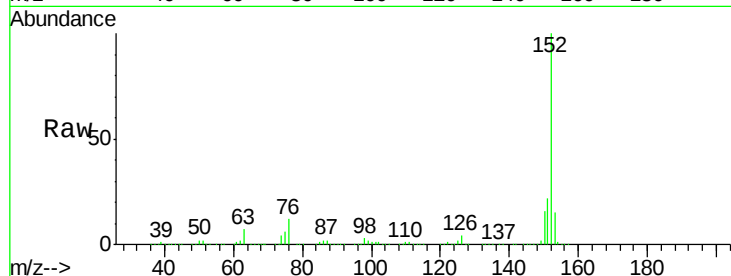
Tot Ion:152 Resp: 3130659

Ion Ratio Lower Upper

152 100

151 21.8 17.3 25.9

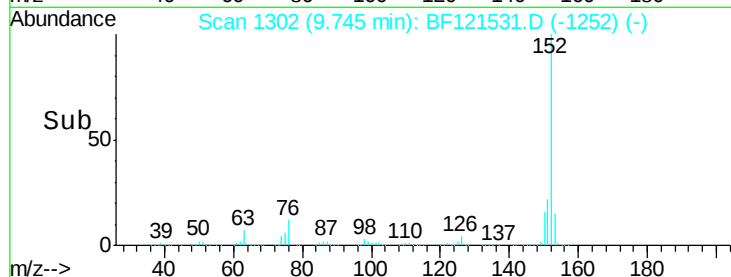
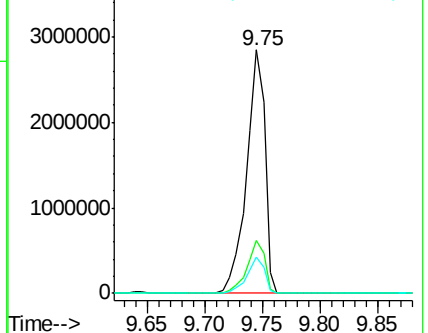
153 14.6 11.3 16.9



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: 46.075 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

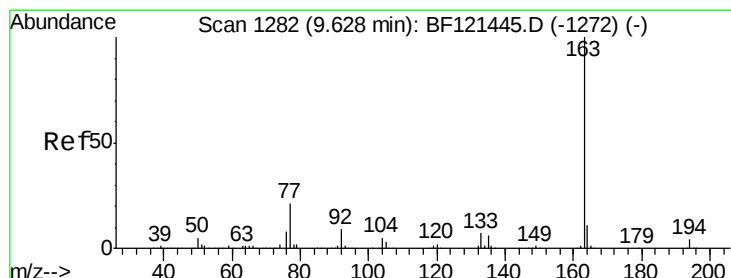
Tgt Ion:163 Resp: 2496292

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

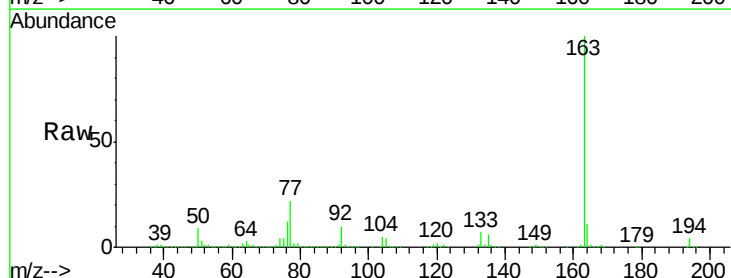
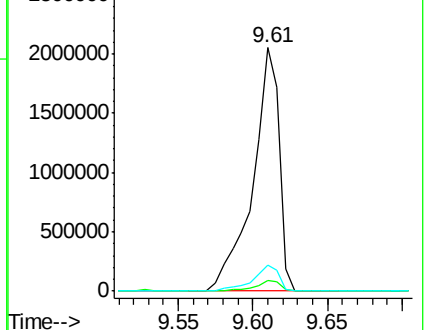
164 10.9 8.6 13.0

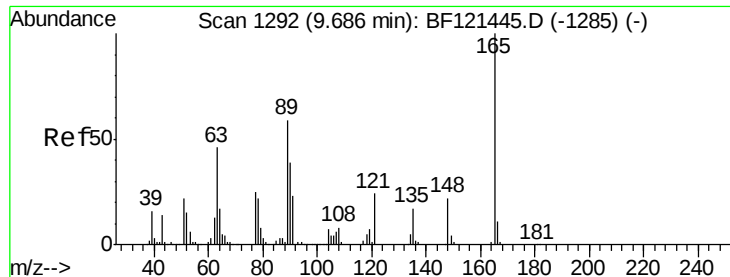


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

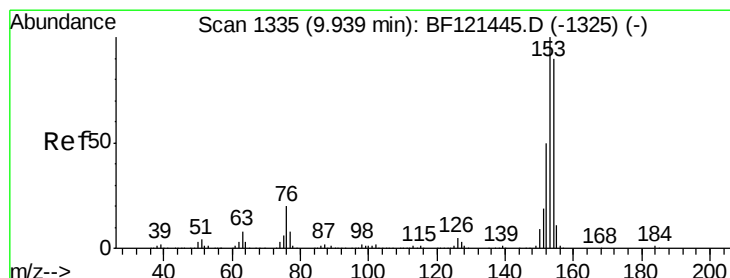
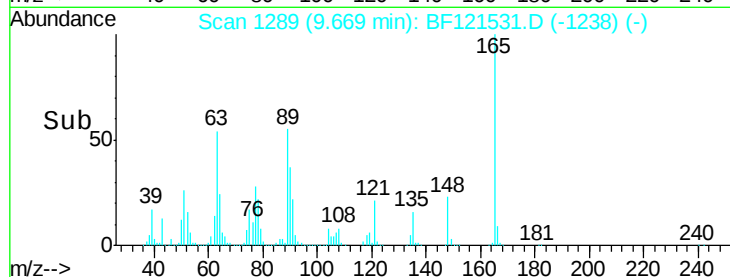
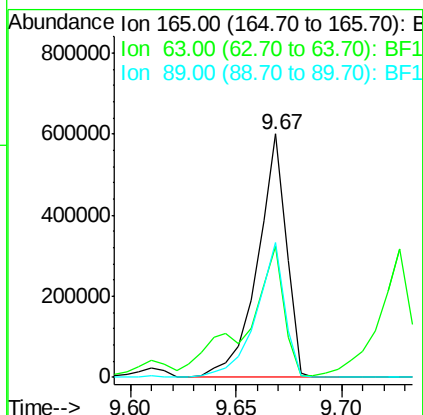
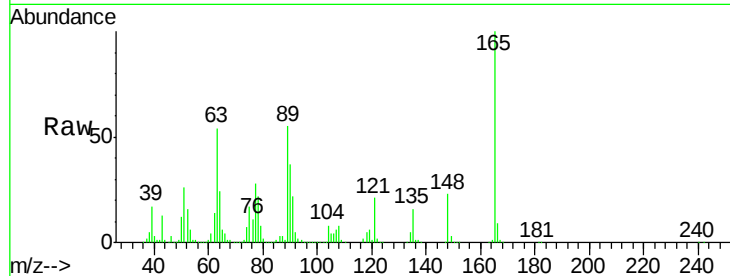




#51
 2,6-Dinitrotoluene
 Concen: 55.074 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

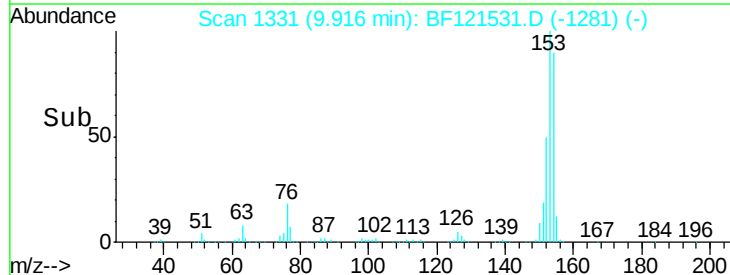
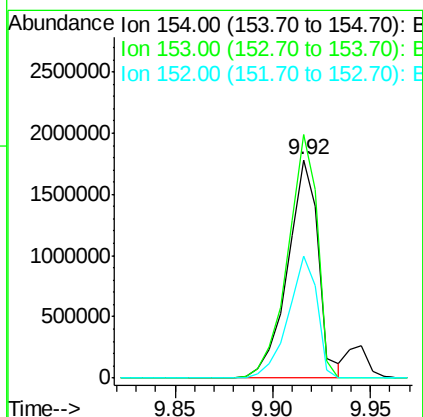
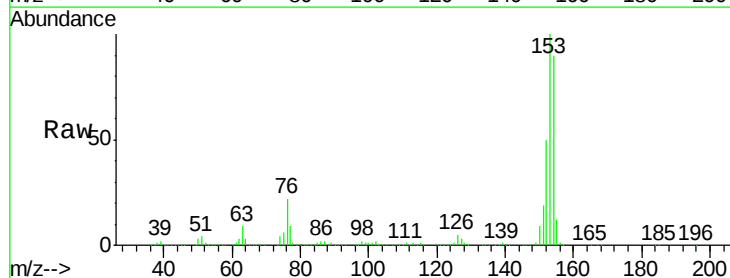
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

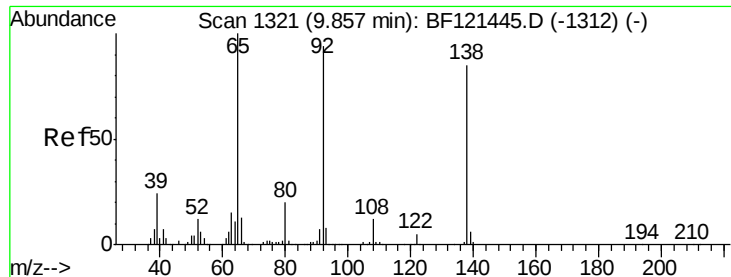
Tot Ion:165 Resp: 570321
 Ion Ratio Lower Upper
 165 100
 63 53.6 47.4 71.0
 89 55.3 47.9 71.9



#52
 Acenaphthene
 Concen: 41.703 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:154 Resp: 1932335
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.9 134.9
 152 56.0 44.6 66.8

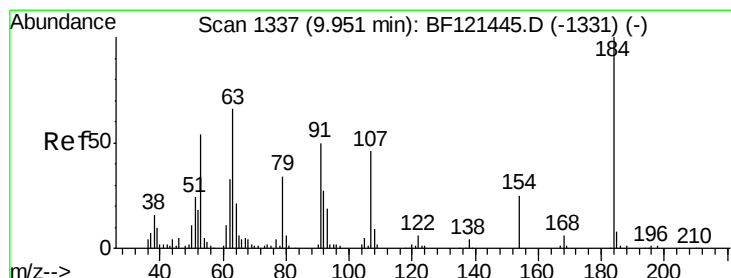
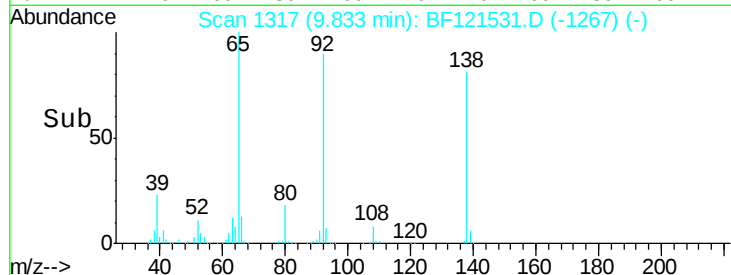
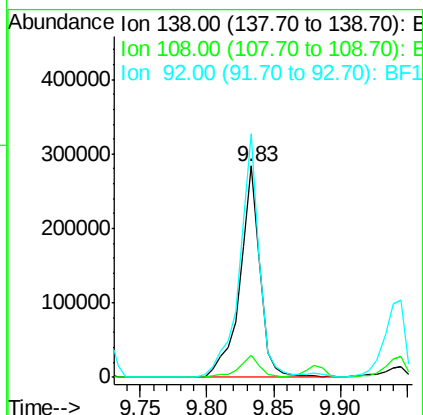
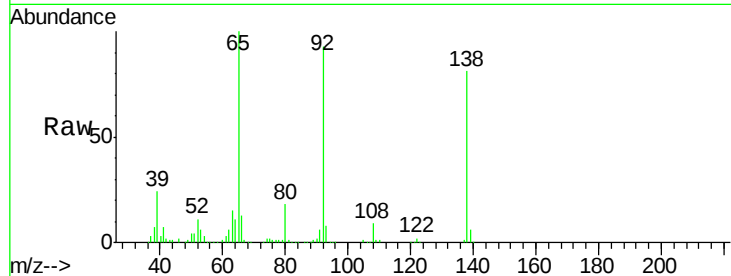




#53
3-Nitroaniline
Concen: 25.881 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

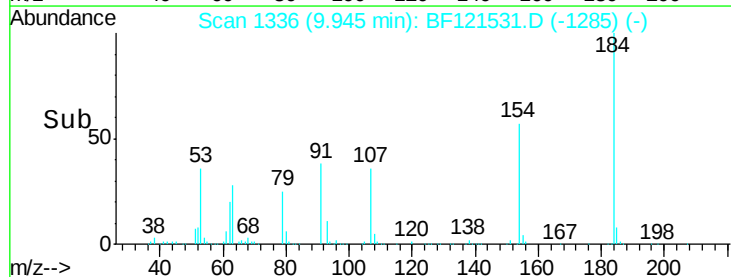
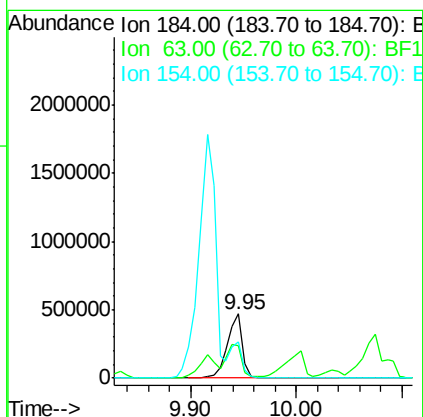
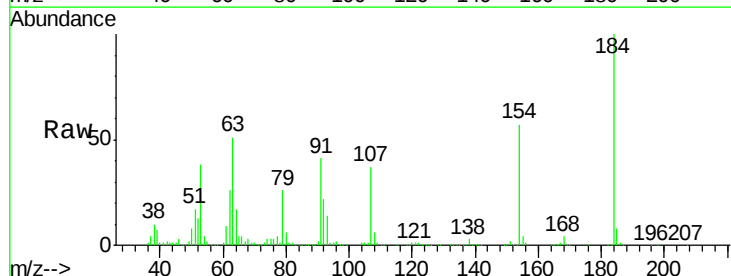
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

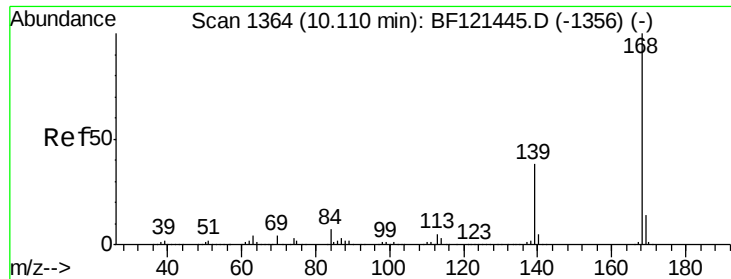
Tot Ion:138 Resp: 298155
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 115.1 91.1 136.7



#54
2,4-Dinitrophenol
Concen: 89.060 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:184 Resp: 461835
Ion Ratio Lower Upper
184 100
63 51.5 41.8 62.8
154 56.7 45.5 68.3

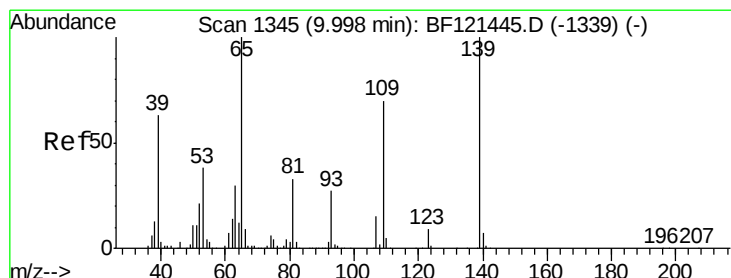
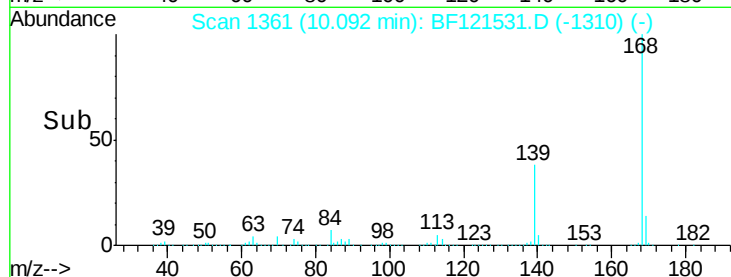
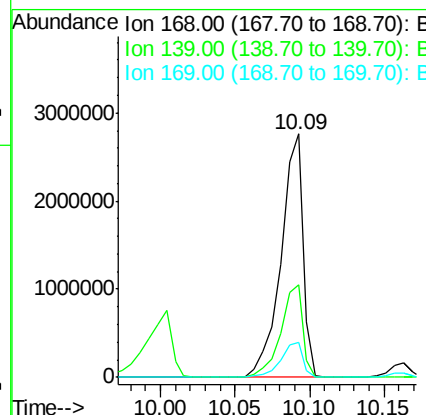
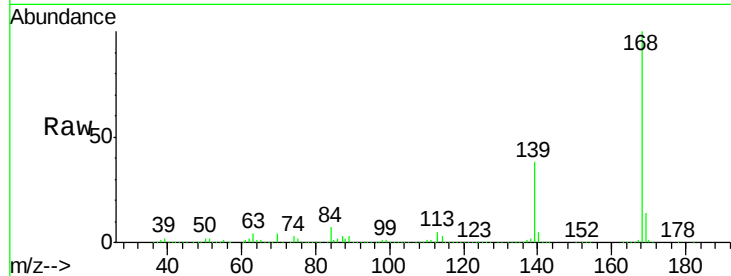




#55
Dibenzofuran
Concen: 42.507 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

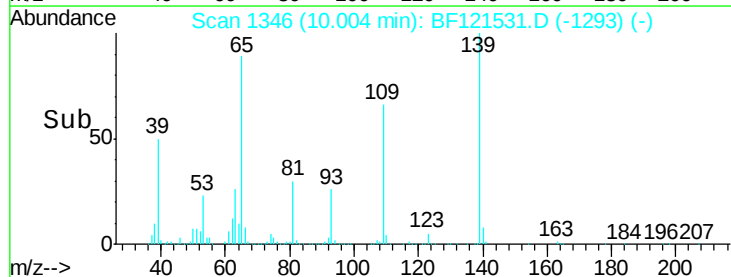
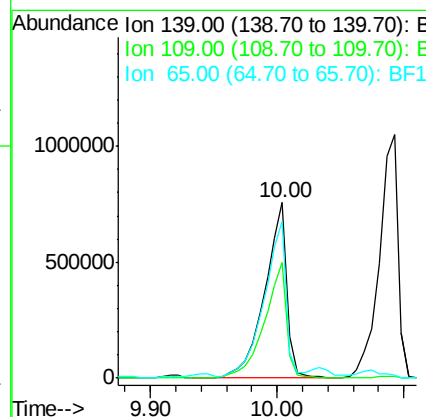
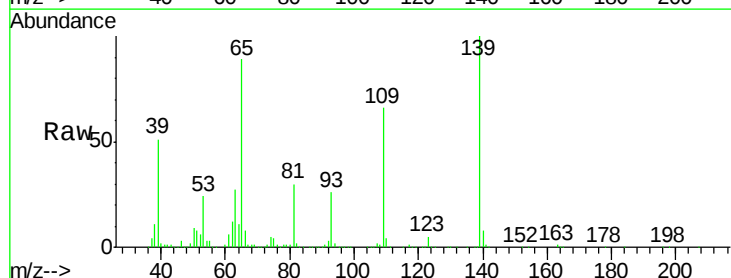
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

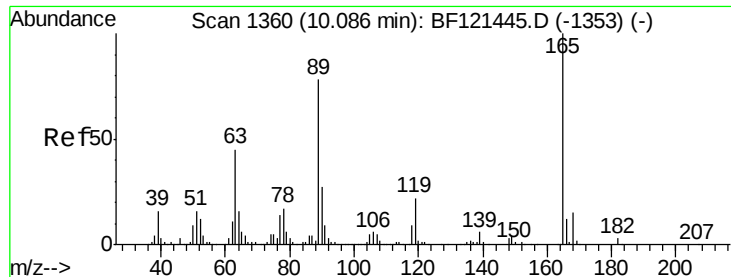
Tot Ion:168 Resp: 2861031
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 14.4 11.5 17.3



#56
4-Nitrophenol
Concen: 86.872 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:139 Resp: 916593
Ion Ratio Lower Upper
139 100
109 66.1 44.3 84.3
65 89.1 70.2 110.2

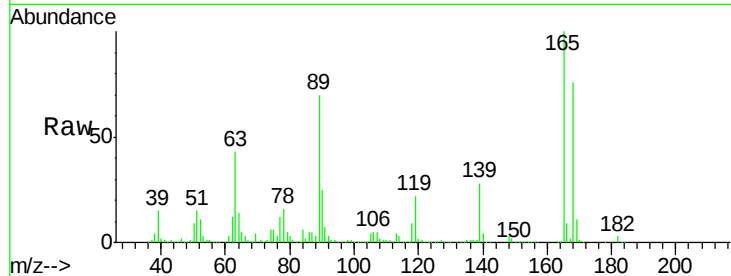




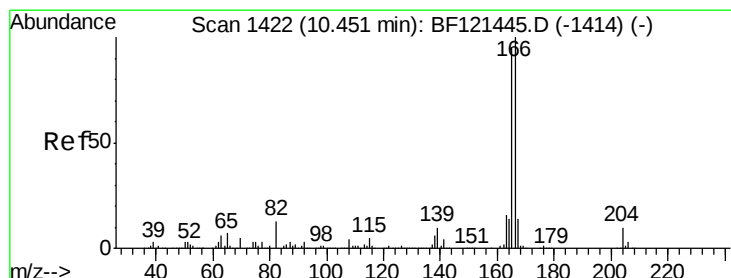
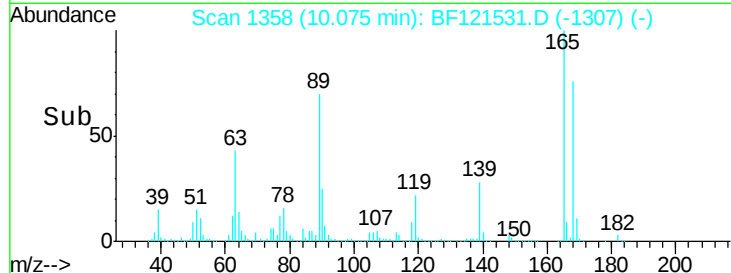
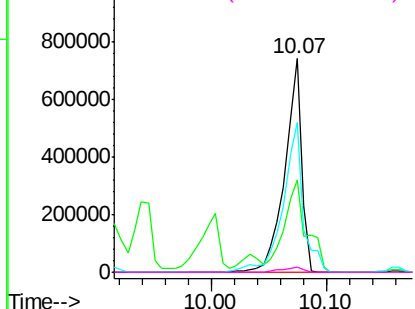
#57
 2,4-Dinitrotoluene
 Concen: 58.440 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion:165 Resp: 753827
 Ion Ratio Lower Upper
 165 100
 63 43.2 33.6 50.4
 89 69.9 56.4 84.6
 182 2.6 2.2 3.4

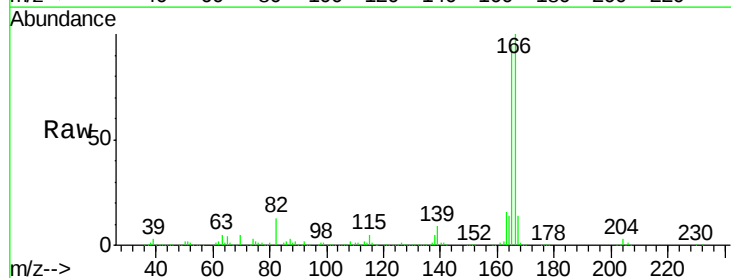


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

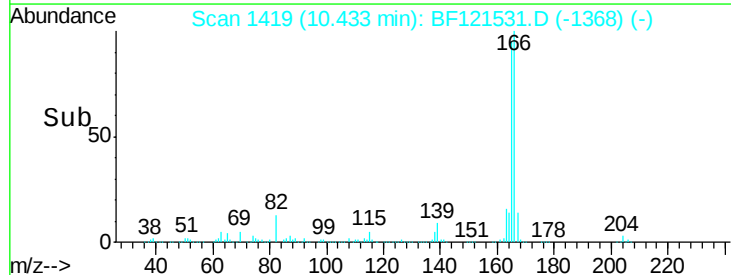
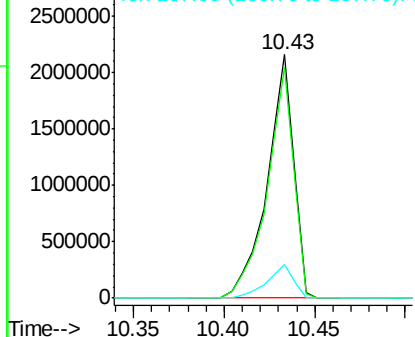


#58
 Fluorene
 Concen: 43.025 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:166 Resp: 2183037
 Ion Ratio Lower Upper
 166 100
 165 94.9 75.3 112.9
 167 14.0 11.1 16.7



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

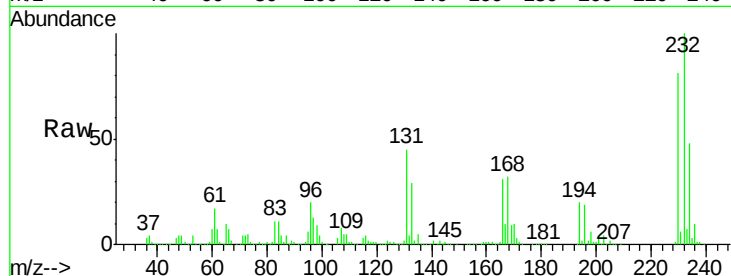




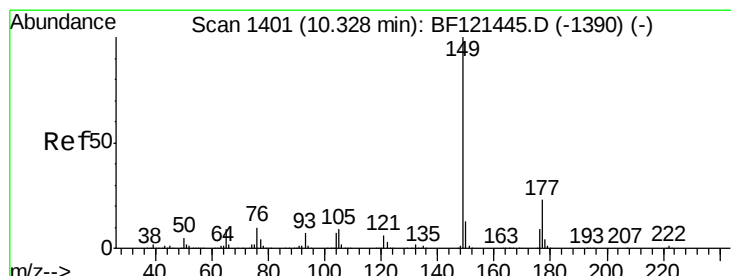
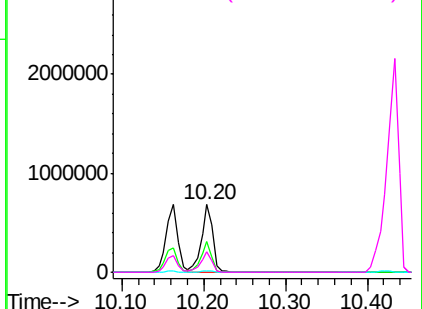
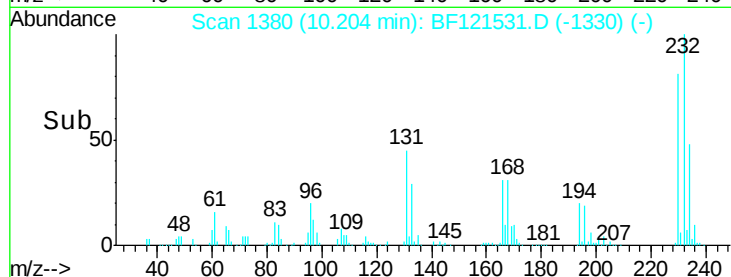
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.625 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

Tot Ion:	232	Resp:	664591
Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.4	51.6
130	2.1	1.8	2.6
166	29.1	23.8	35.6

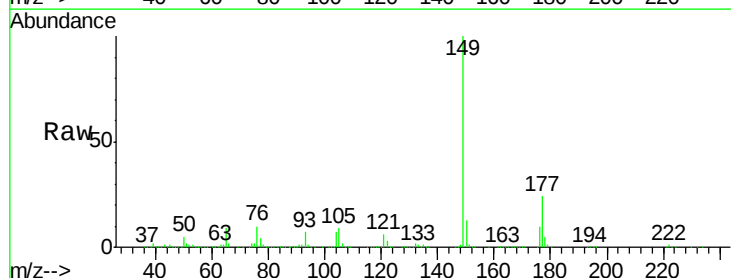


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

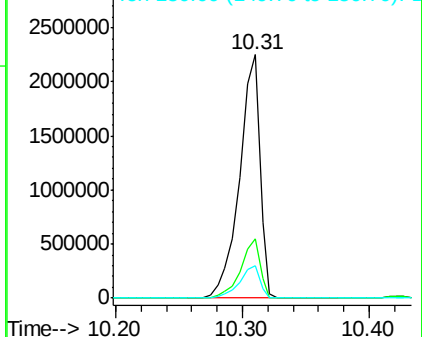
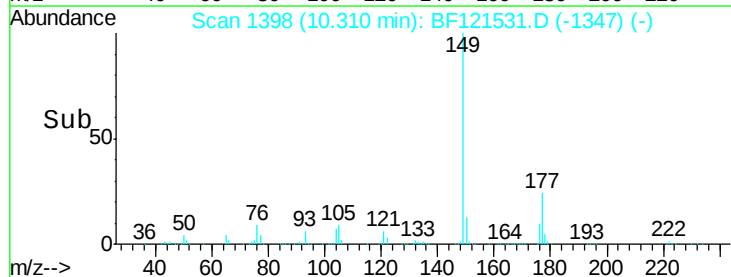


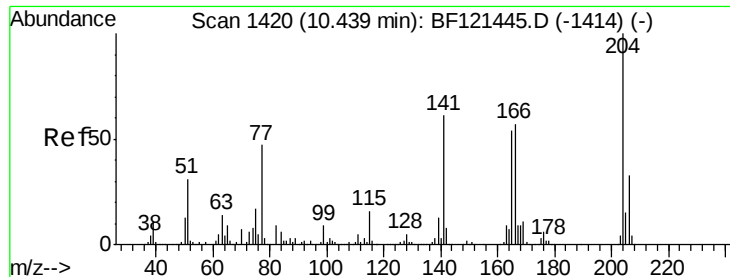
#60
 Diethylphthalate
 Concen: 45.820 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:	149	Resp:	2494084
Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.0	28.4
150	13.3	10.3	15.5



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

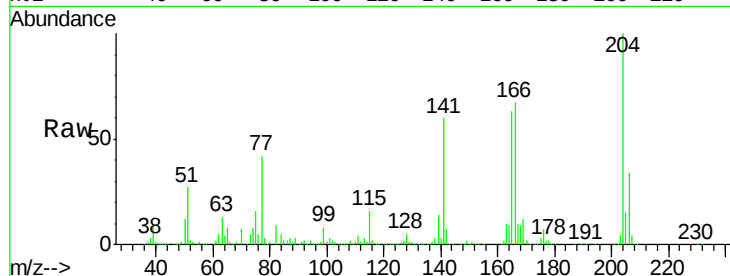




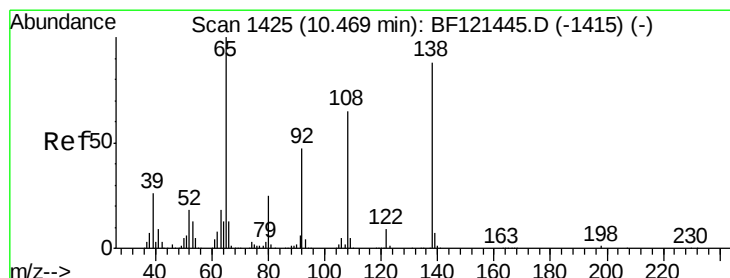
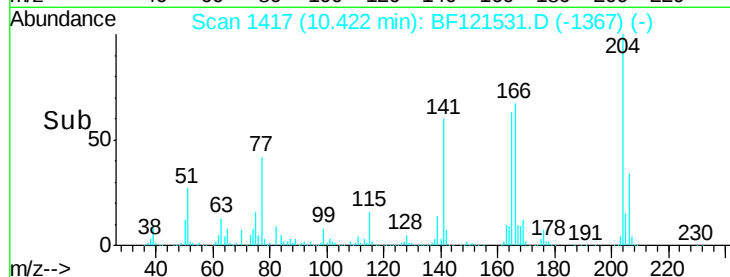
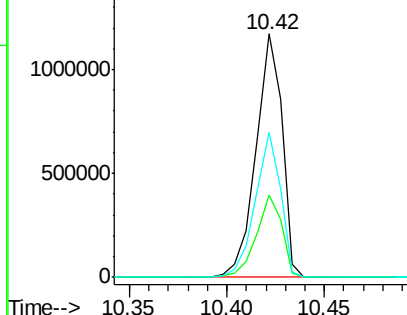
#61
4-Chlorophenyl-phenylether
Concen: 42.796 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion:204 Resp: 1087968
Ion Ratio Lower Upper
204 100
206 33.9 26.6 40.0
141 59.6 44.4 66.6

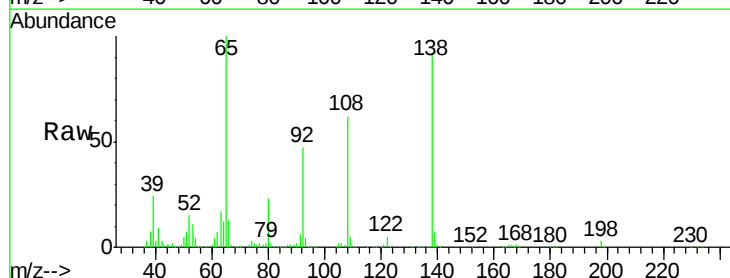


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

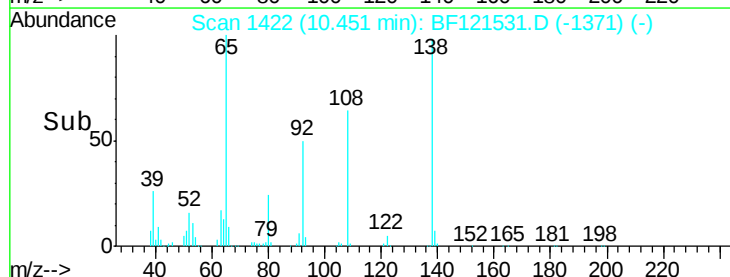
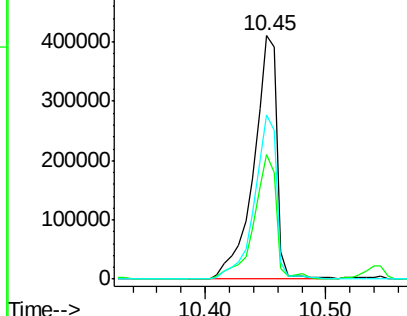


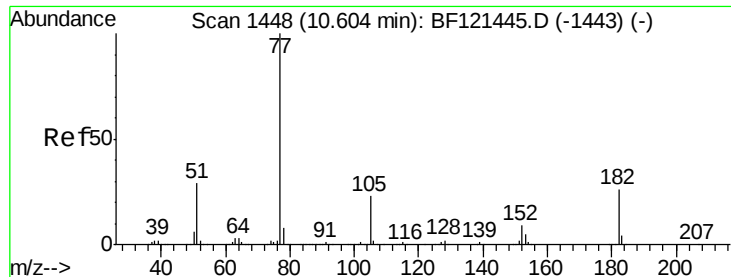
#62
4-Nitroaniline
Concen: 42.271 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:138 Resp: 551730
Ion Ratio Lower Upper
138 100
92 51.1 32.2 72.2
108 67.6 49.1 89.1



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





#63

Azobenzene

Concen: 43.580 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

Tot Ion: 77 Resp: 2345873

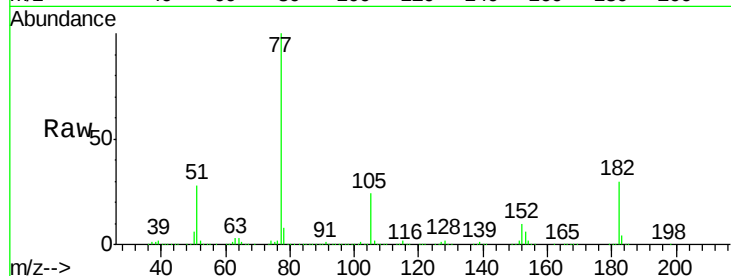
Ion Ratio Lower Upper

77 100

182 30.4 6.8 46.8

105 24.2 3.0 43.0

51 27.5 8.3 48.3

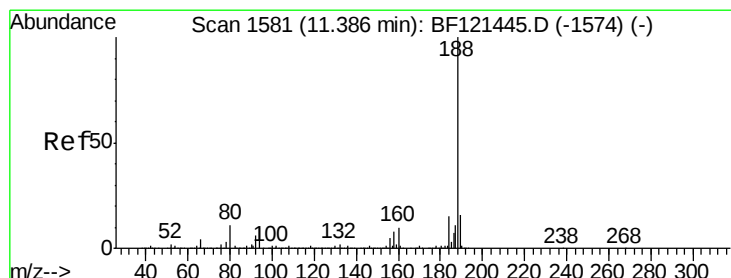
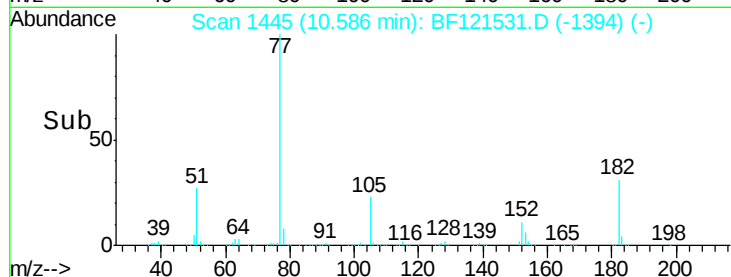
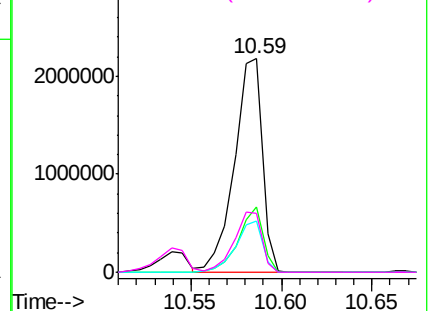


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

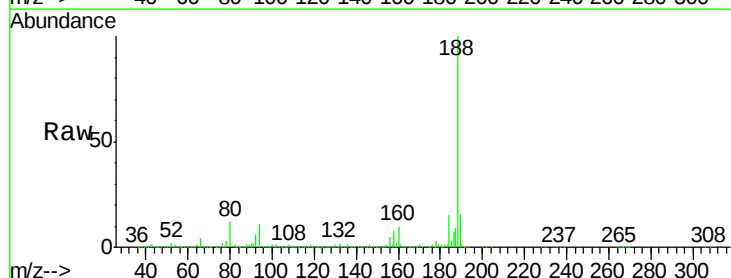
Tgt Ion: 188 Resp: 1502222

Ion Ratio Lower Upper

188 100

94 11.1 8.8 13.2

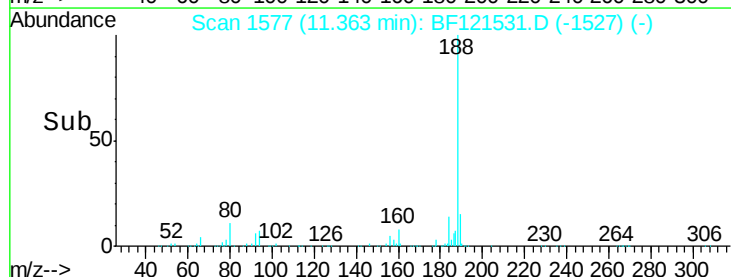
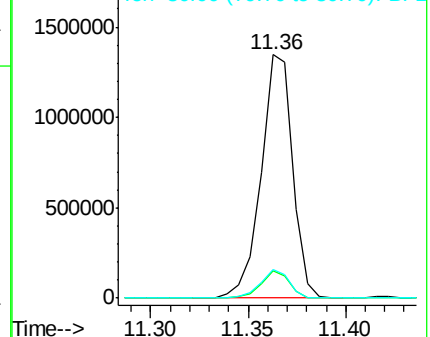
80 11.7 9.1 13.7

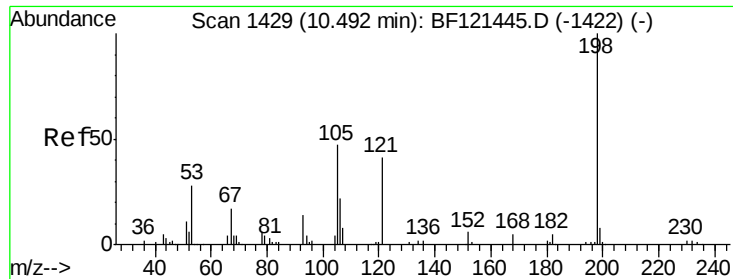


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 65.510 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

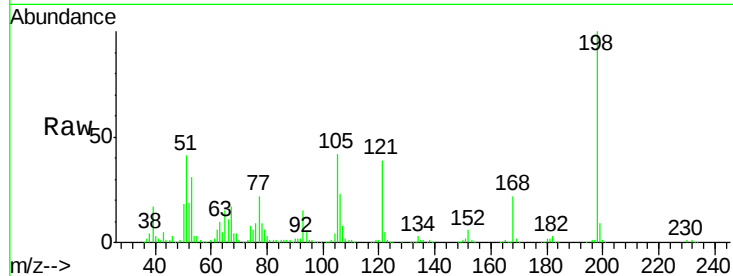
Tot Ion:198 Resp: 353033

Ion Ratio Lower Upper

198 100

51 41.5 24.9 64.9

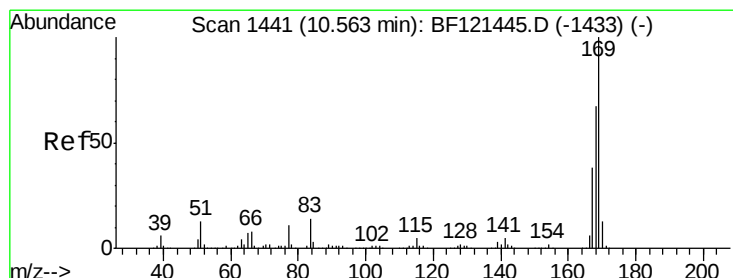
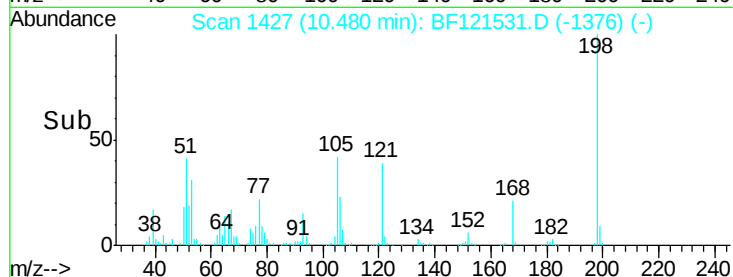
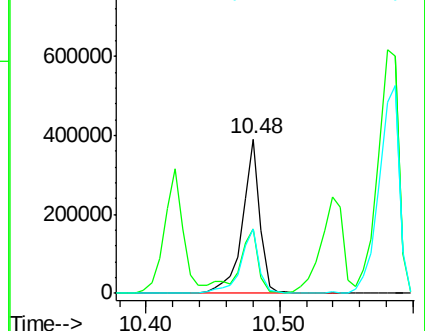
105 41.8 25.8 65.8



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: 44.685 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

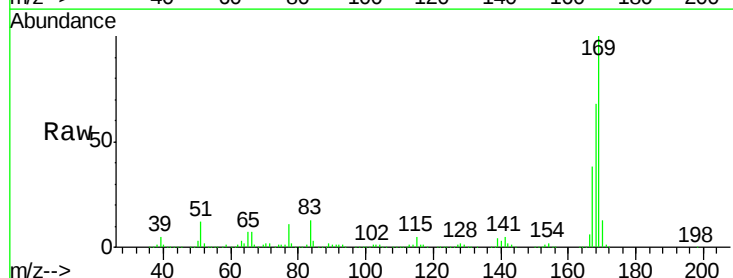
Tgt Ion:169 Resp: 2123084

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.8

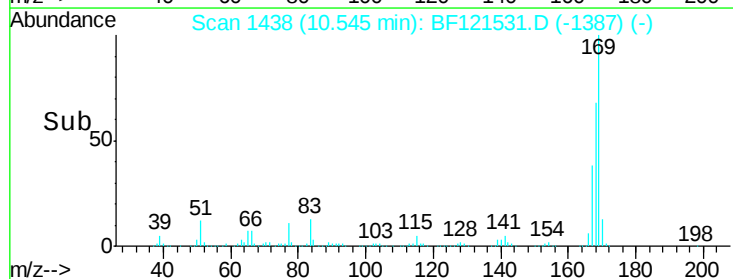
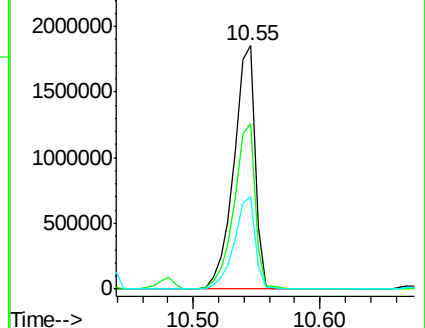
167 37.9 29.8 44.8

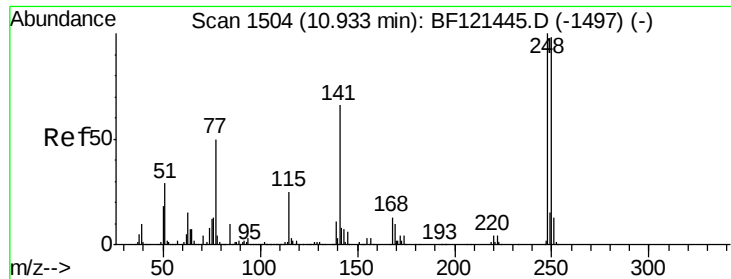


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

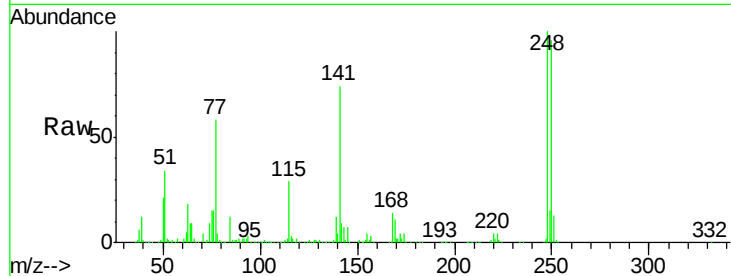




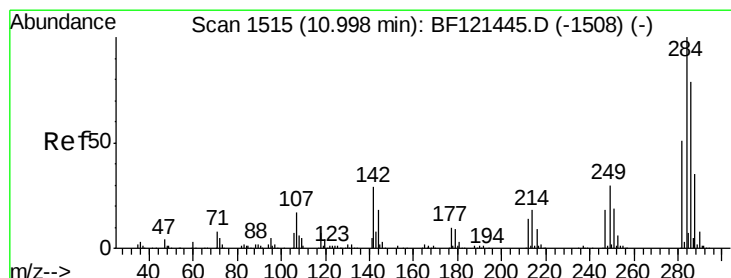
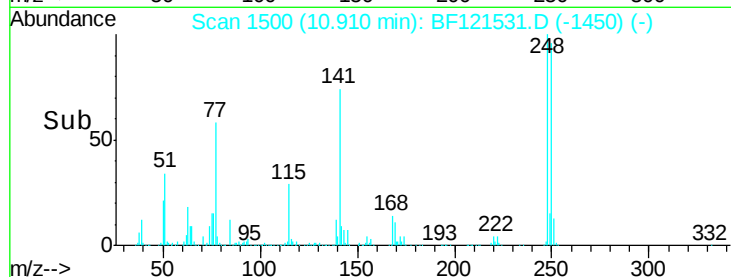
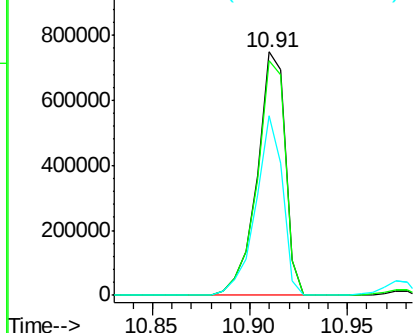
#67
4-Bromophenyl-phenylether
Concen: 45.380 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion:248 Resp: 749949
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 73.8 56.4 84.6

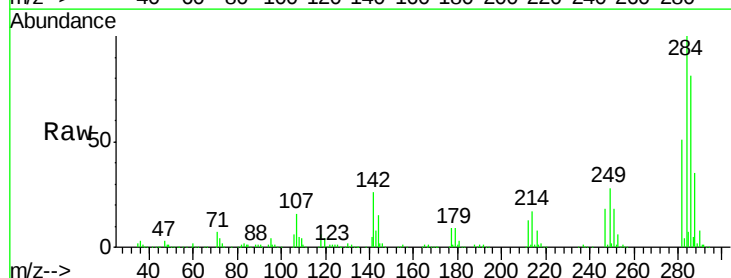


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

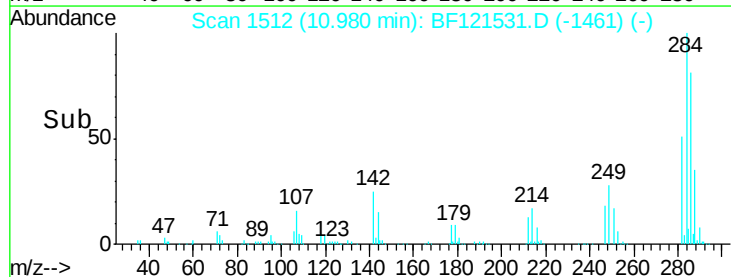
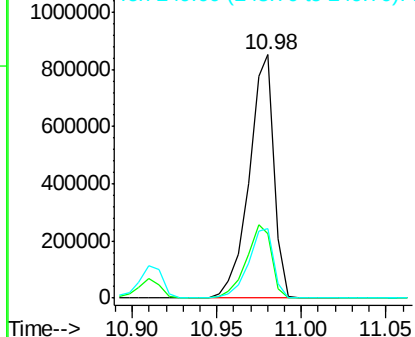


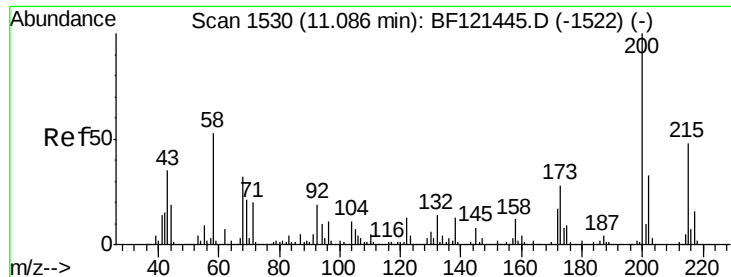
#68
Hexachlorobenzene
Concen: 45.068 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:284 Resp: 870931
Ion Ratio Lower Upper
284 100
142 26.4 26.1 39.1
249 28.3 24.2 36.4



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

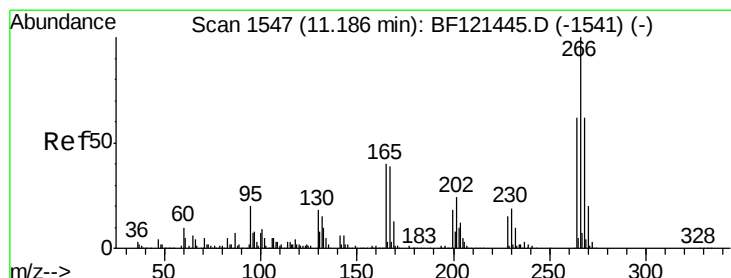
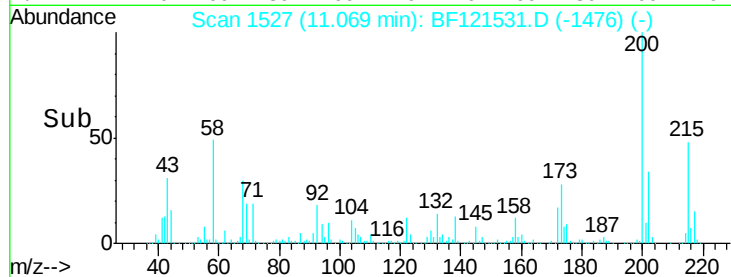
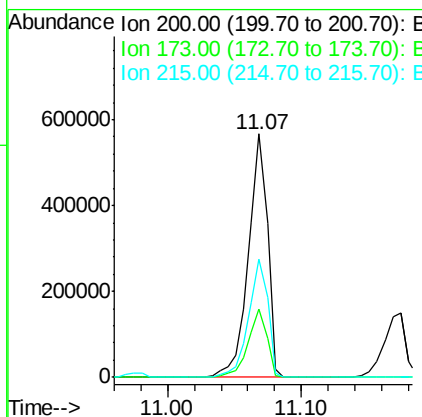
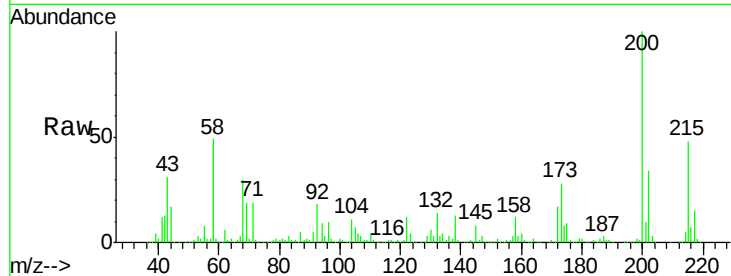




#69
 Atrazine
 Concen: 40.205 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

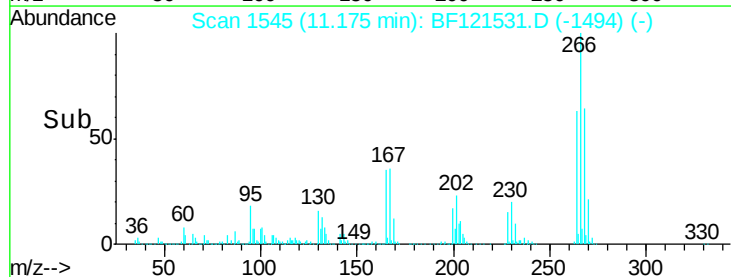
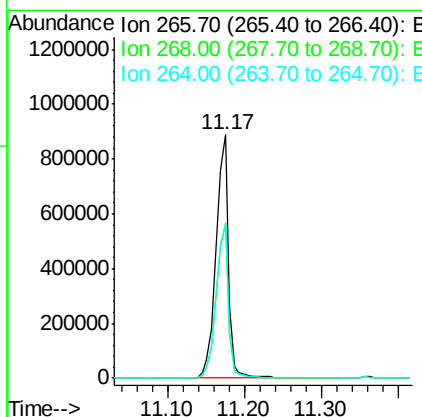
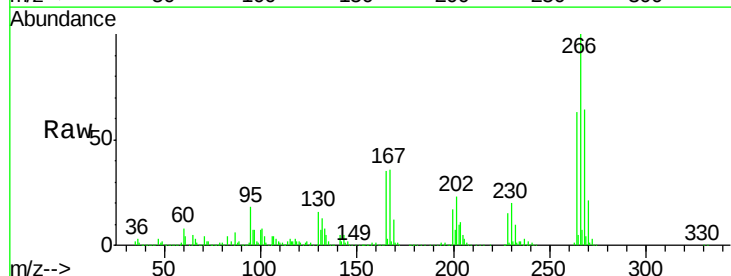
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

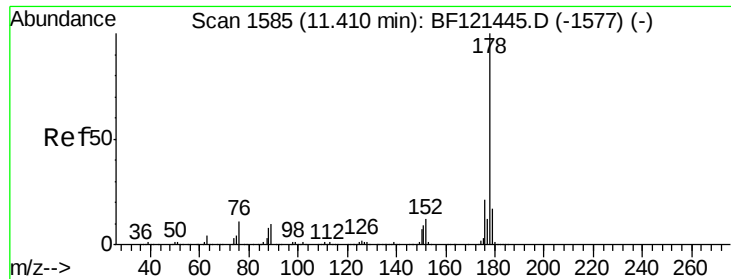
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.0	48.0
215	48.4	28.1	68.1



#70
 Pentachlorophenol
 Concen: 110.406 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	63.0	50.1	75.1

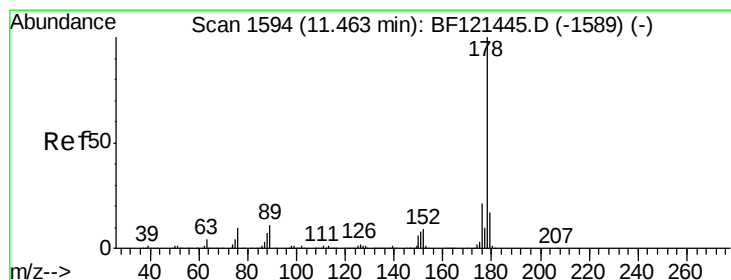
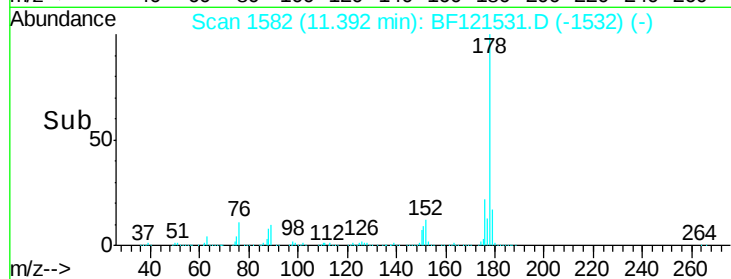
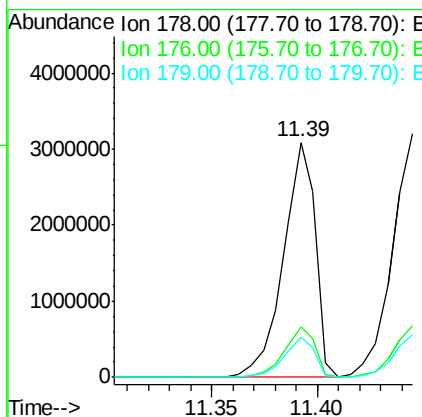
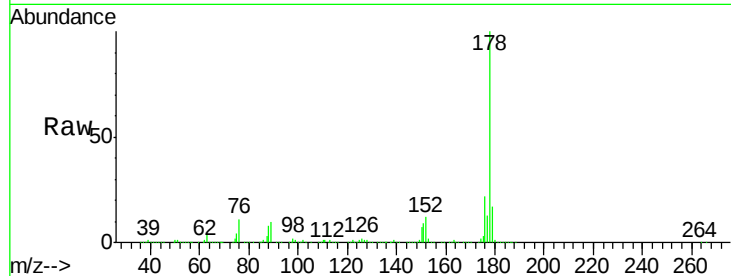




#71
Phenanthrene
Concen: 42.242 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

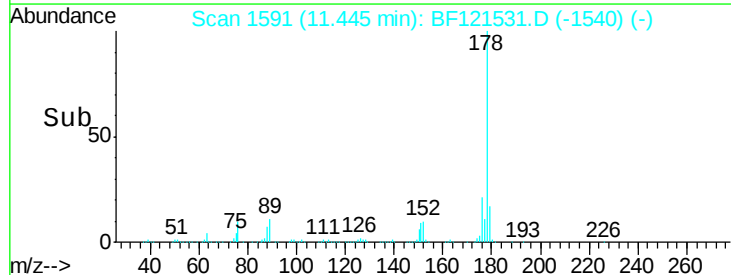
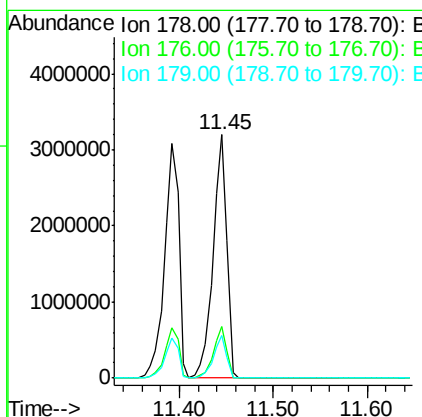
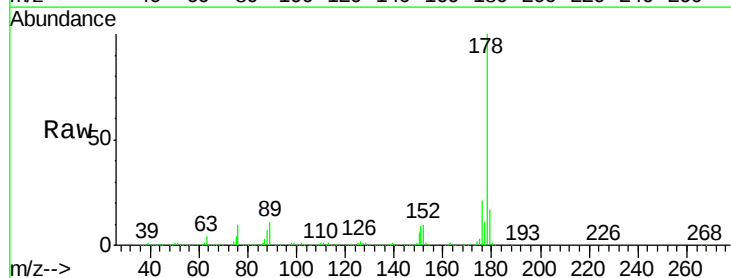
Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

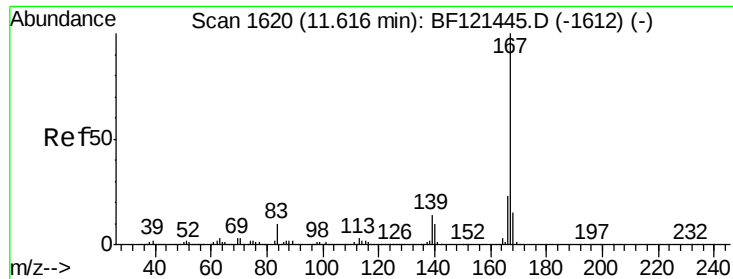
Tot Ion:178 Resp: 3256491
Ion Ratio Lower Upper
178 100
176 21.6 17.0 25.4
179 17.1 13.2 19.8



#72
Anthracene
Concen: 43.852 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:178 Resp: 3324942
Ion Ratio Lower Upper
178 100
176 21.4 16.2 24.2
179 17.3 13.4 20.0

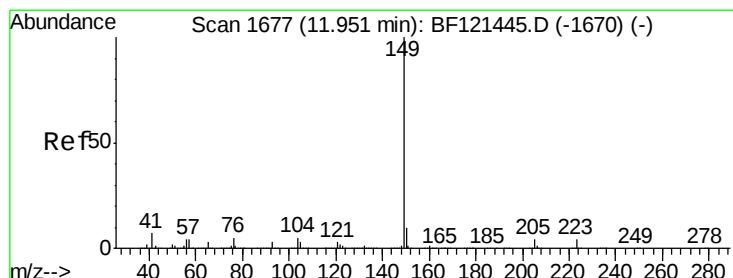
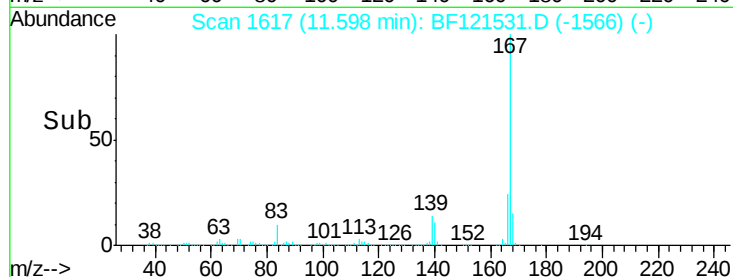
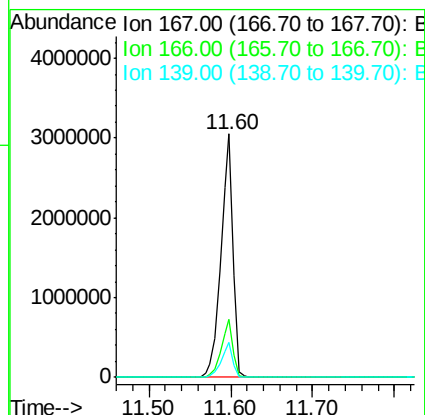
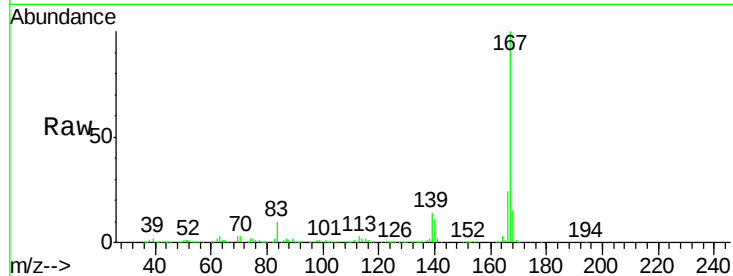




#73
 Carbazole
 Concen: 42.885 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

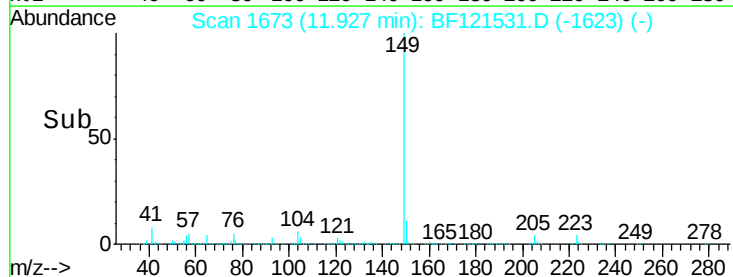
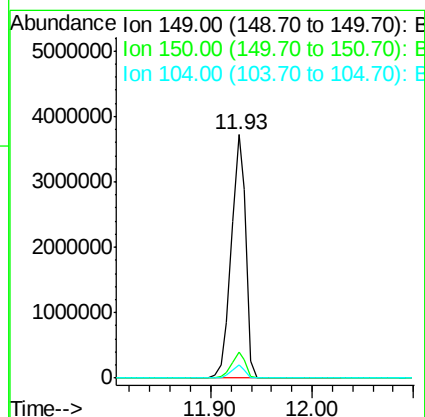
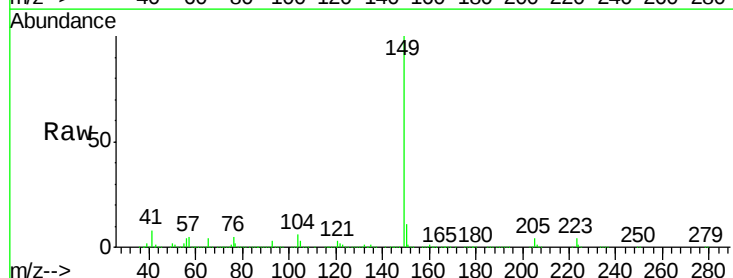
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

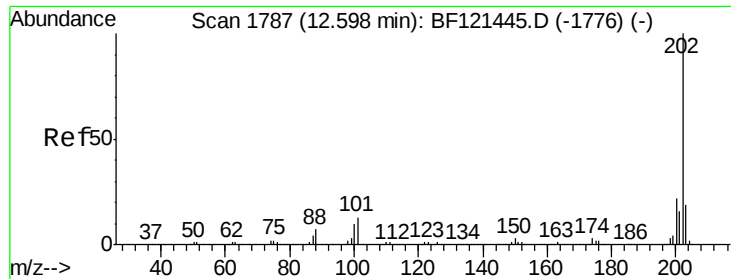
Tot Ion:167 Resp: 3135512
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.4
 139 14.3 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 45.188 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:149 Resp: 3670342
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.0 12.0
 104 5.6 4.0 6.0





#75

Fluoranthene

Concen: 42.720 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

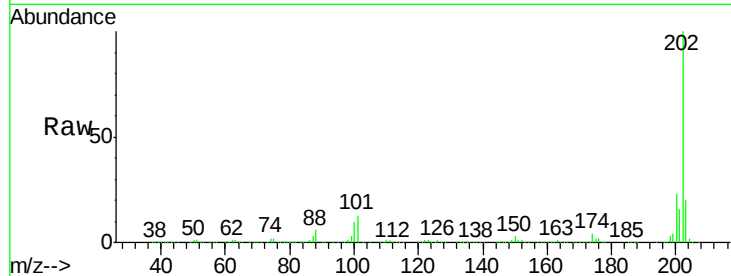
Tot Ion:202 Resp: 3549391

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.6

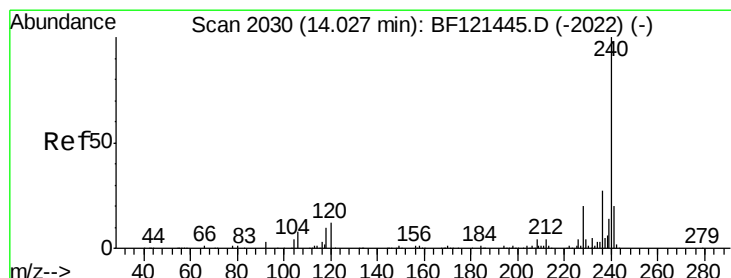
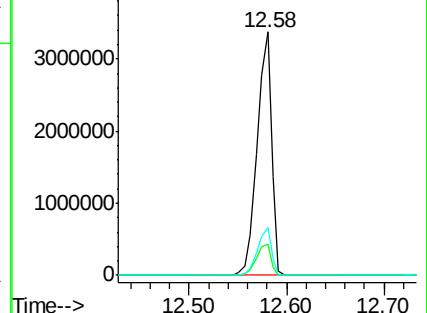
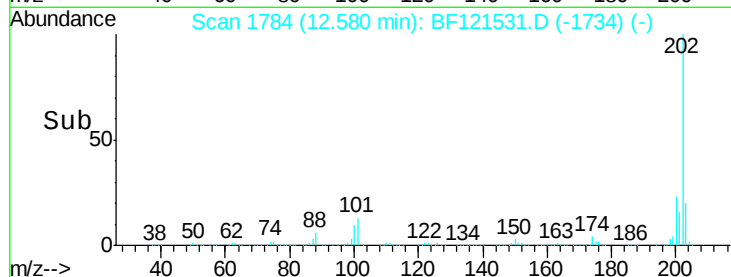
203 19.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

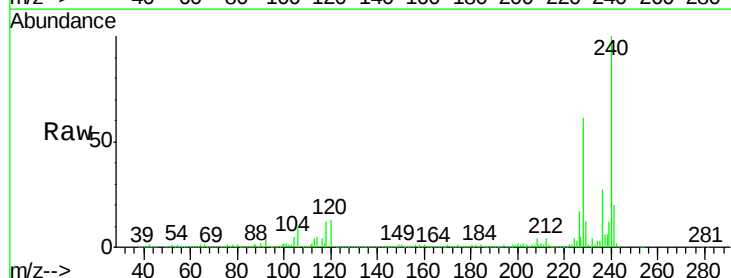
Tgt Ion:240 Resp: 1107462

Ion Ratio Lower Upper

240 100

120 13.2 8.0 12.0#

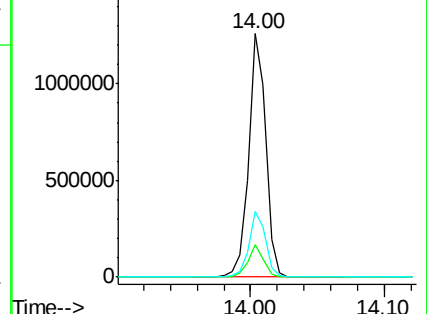
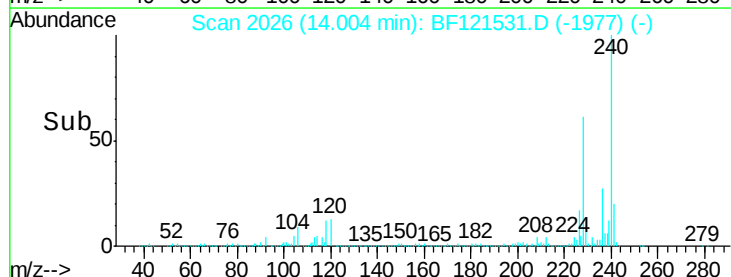
236 27.1 21.4 32.2

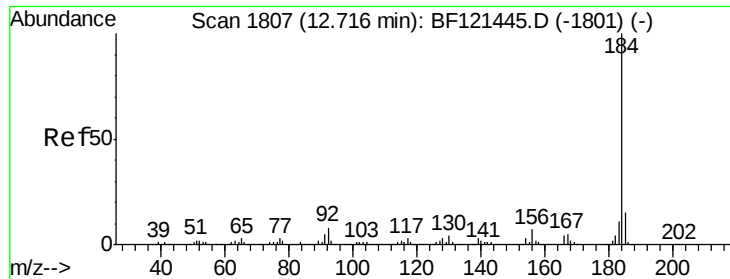


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.057 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

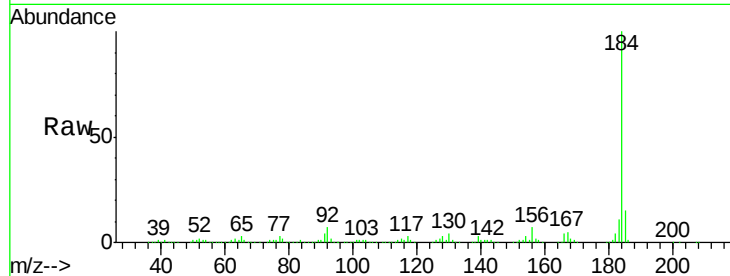
Tot Ion:184 Resp: 484433

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

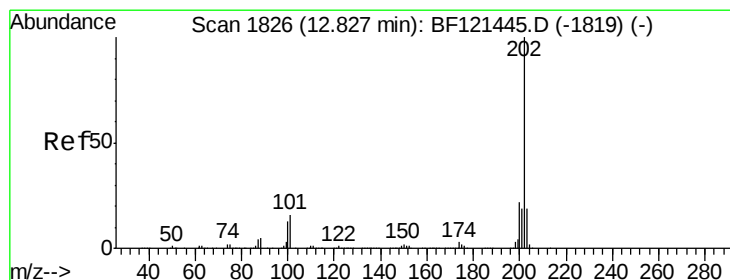
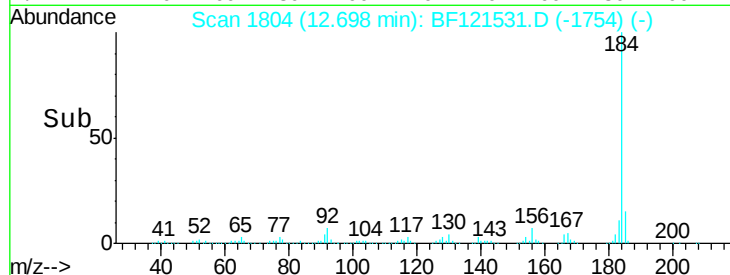
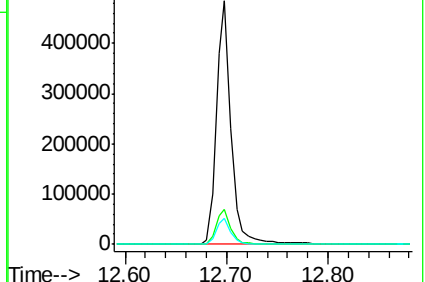
183 10.6 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.149 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

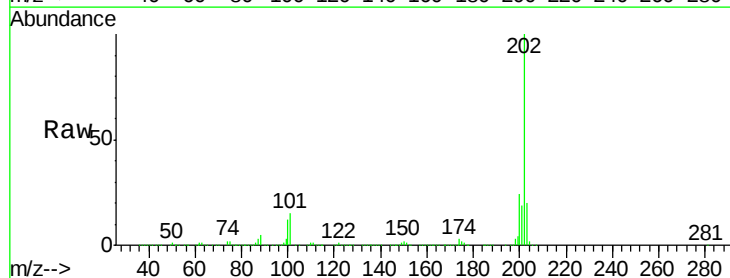
Tgt Ion:202 Resp: 3650073

Ion Ratio Lower Upper

202 100

200 23.6 17.7 26.5

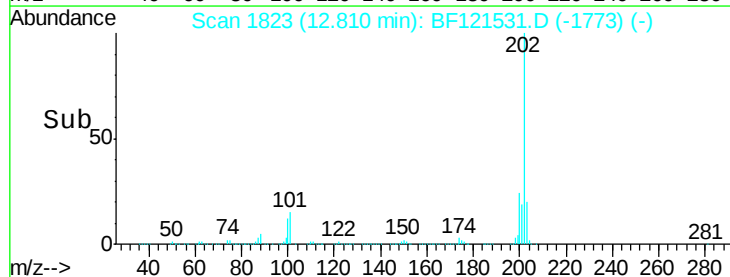
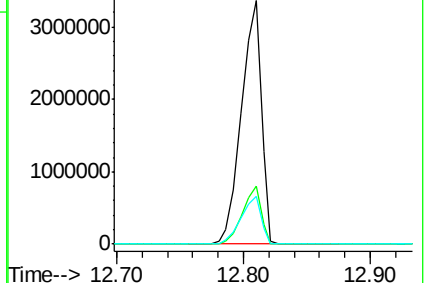
203 19.6 15.0 22.4

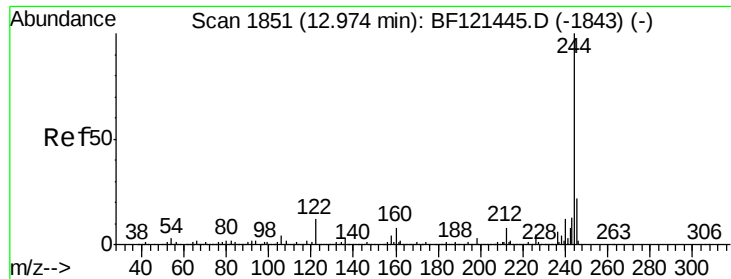


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.654 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

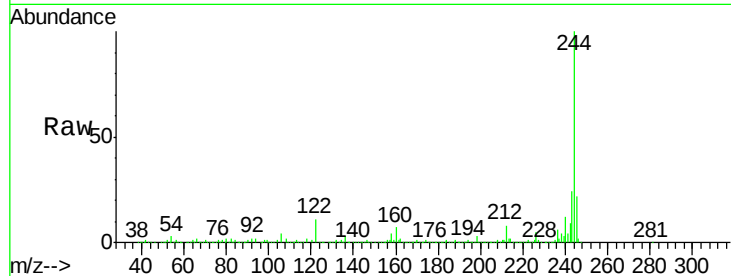
Tot Ion:244 Resp: 3980299

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

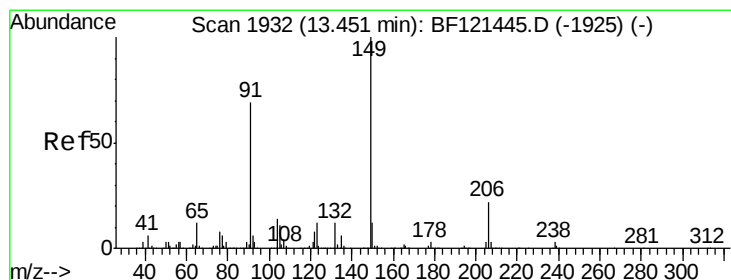
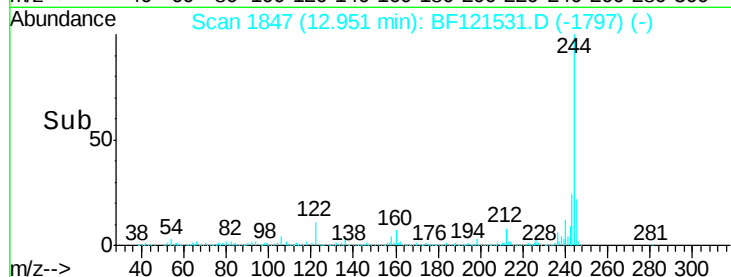
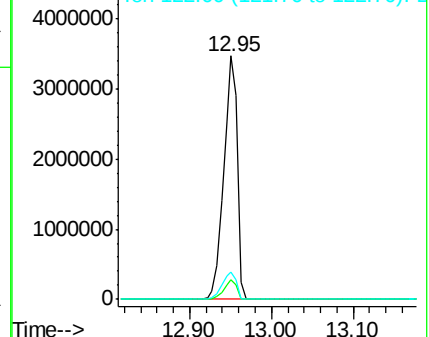
122 11.1 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.010 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

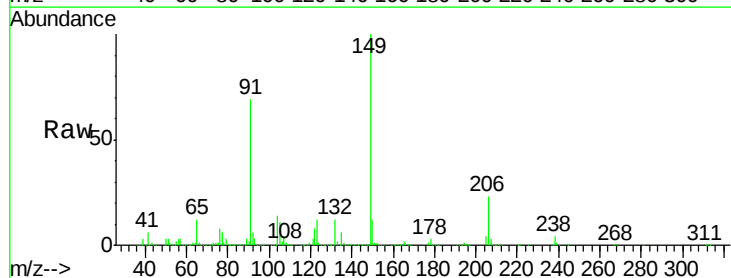
Tgt Ion:149 Resp: 1615238

Ion Ratio Lower Upper

149 100

91 69.2 54.9 82.3

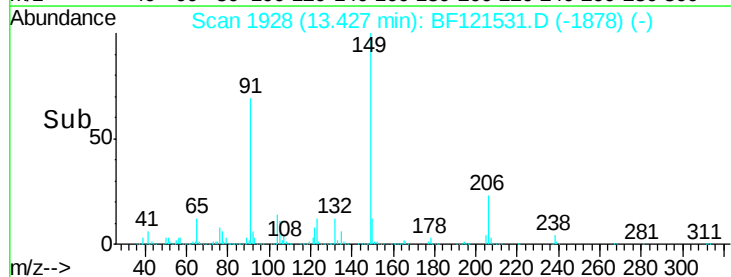
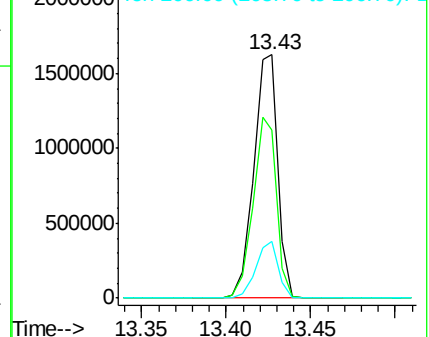
206 23.4 18.0 27.0

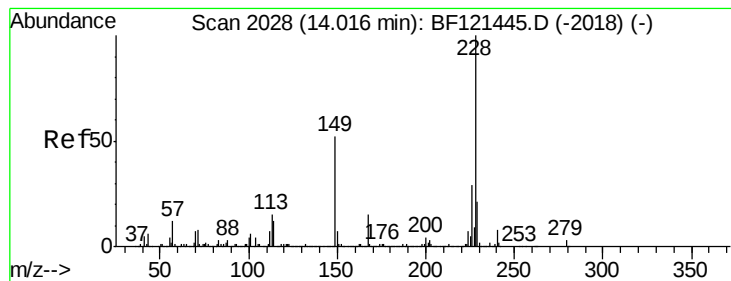


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.815 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

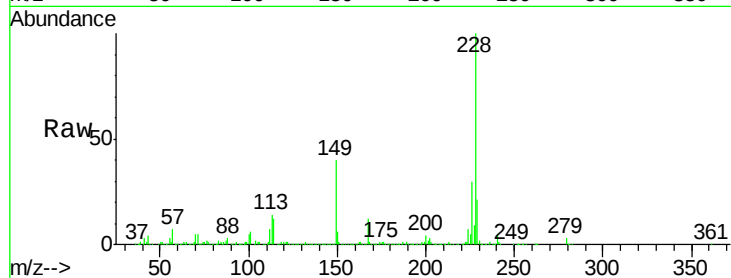
Tot Ion:228 Resp: 2894492

Ion Ratio Lower Upper

228 100

226 29.5 23.3 34.9

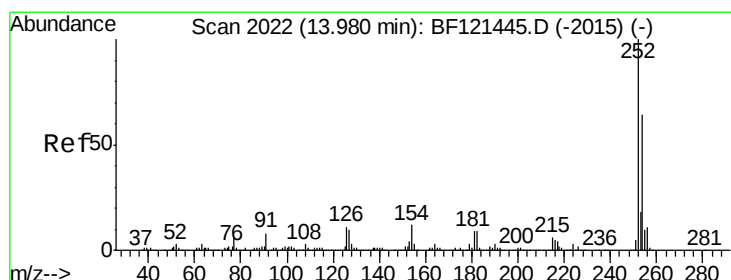
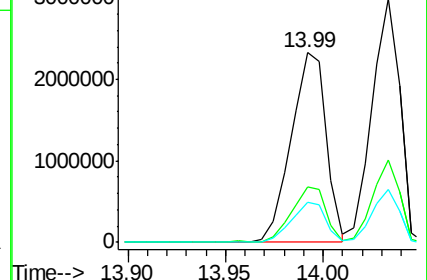
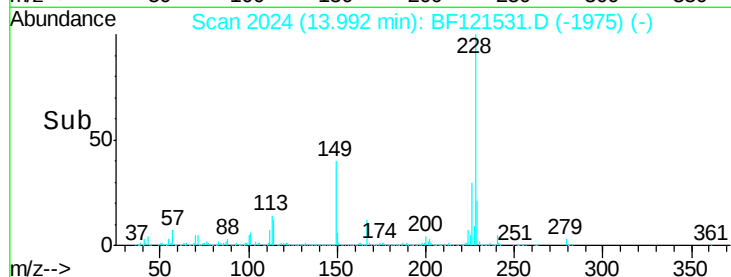
229 21.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.245 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

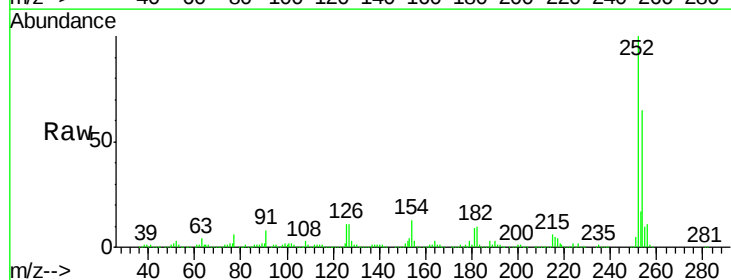
Tgt Ion:252 Resp: 773685

Ion Ratio Lower Upper

252 100

254 64.8 50.8 76.2

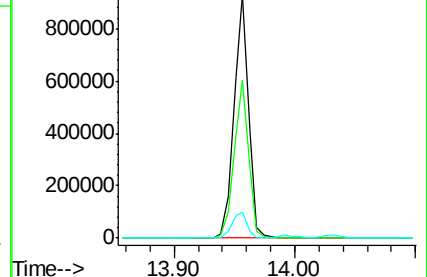
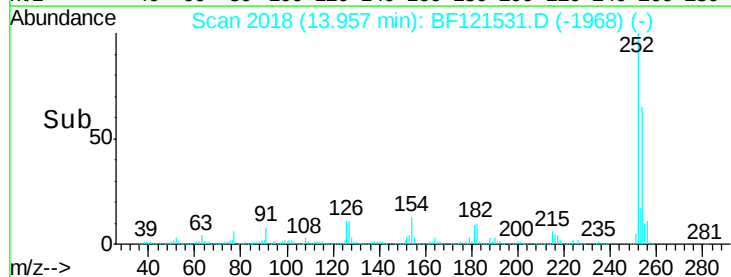
126 10.9 9.3 13.9

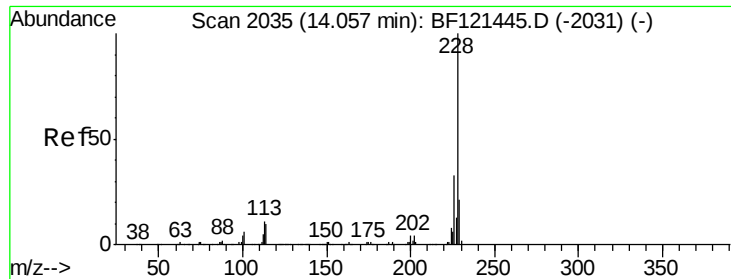


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

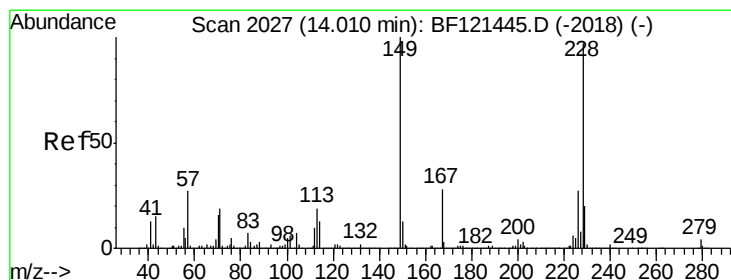
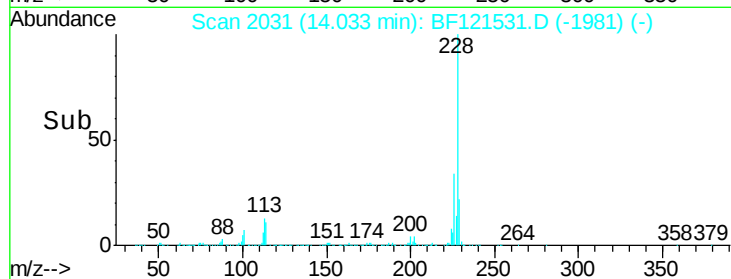
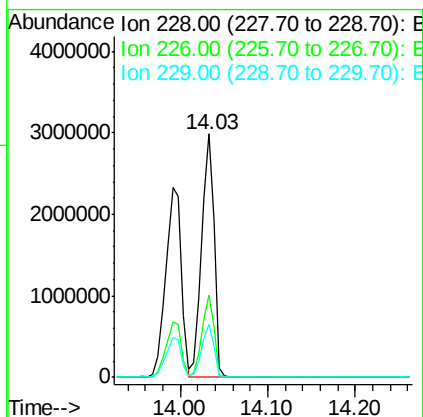
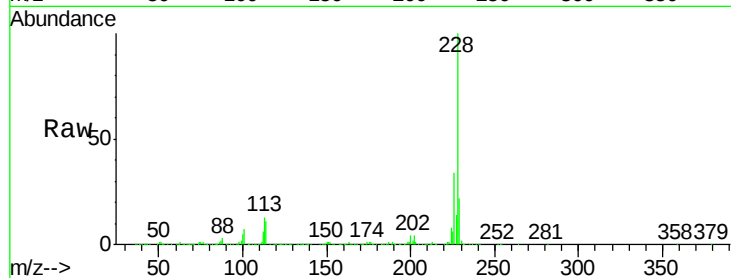




#83
 Chrvsene
 Concen: 43.966 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

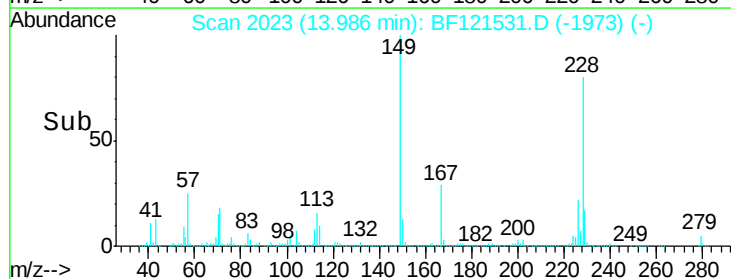
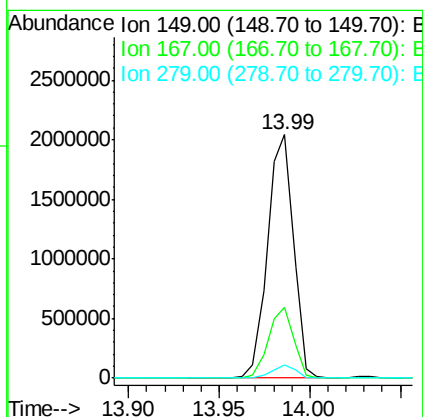
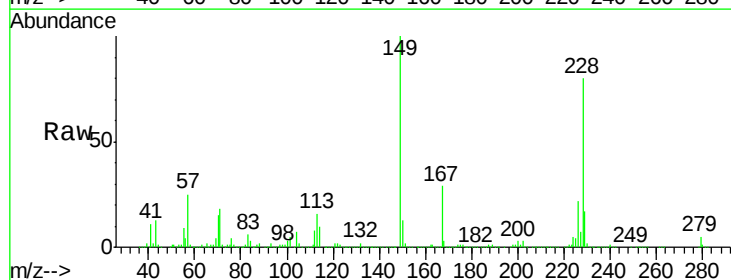
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

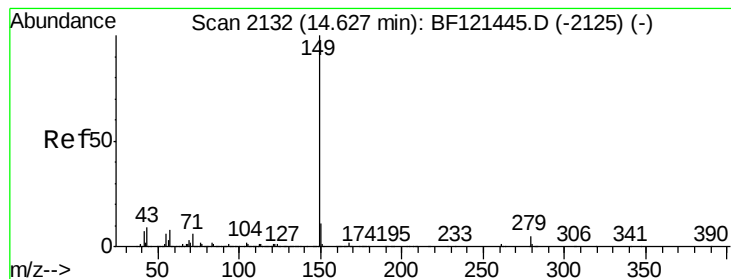
Tot Ion:228 Resp: 2973678
 Ion Ratio Lower Upper
 228 100
 226 34.0 26.5 39.7
 229 22.0 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.501 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:149 Resp: 2026766
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.9 34.3
 279 5.3 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 53.996 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

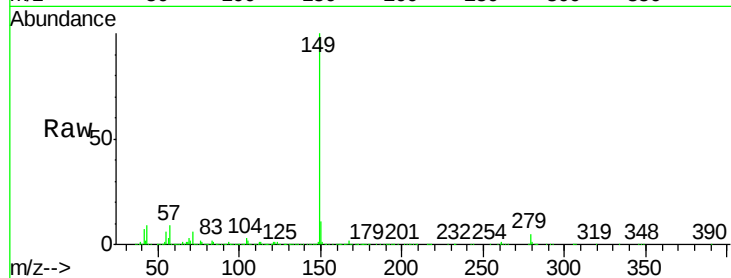
Tot Ion:149 Resp: 3601224

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

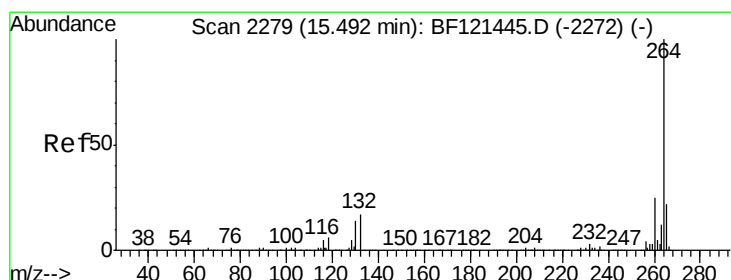
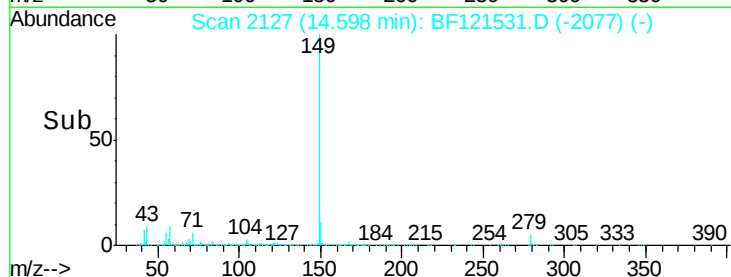
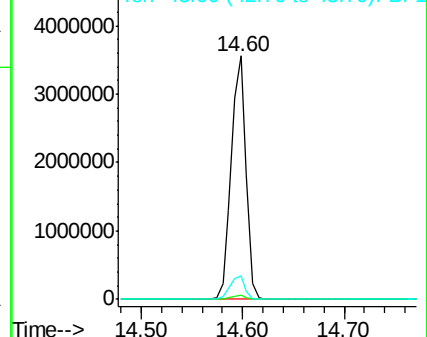
43 9.6 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

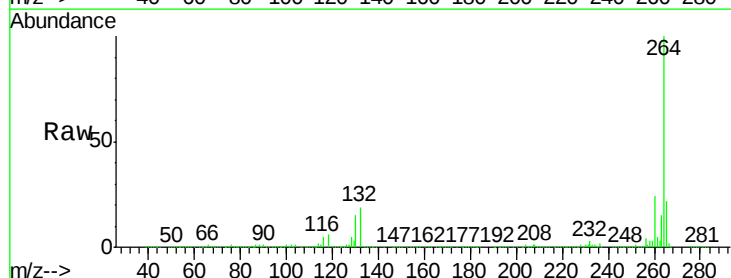
Tgt Ion:264 Resp: 983074

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

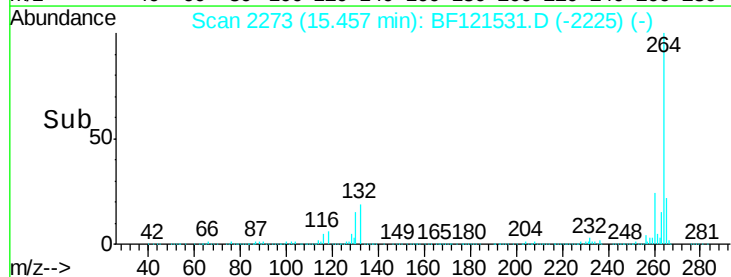
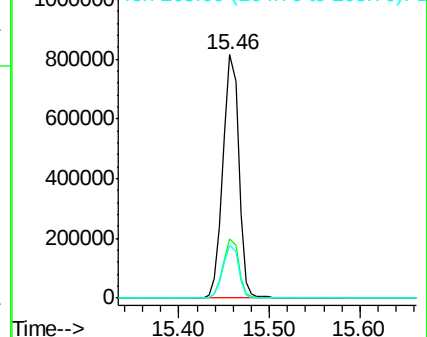
265 21.9 17.4 26.2

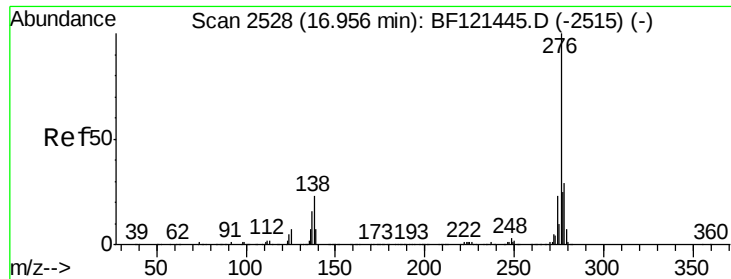


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

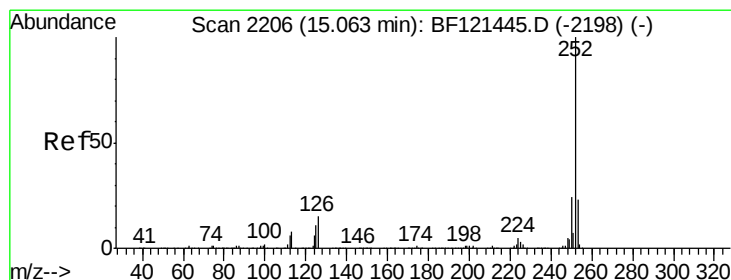
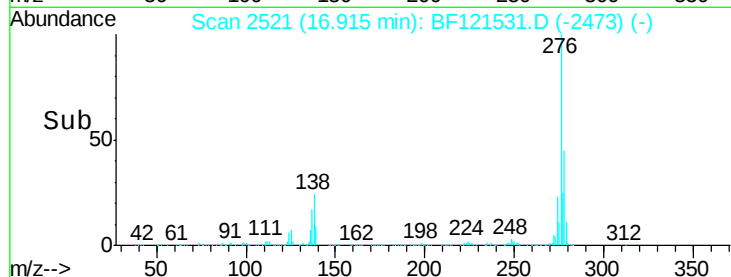
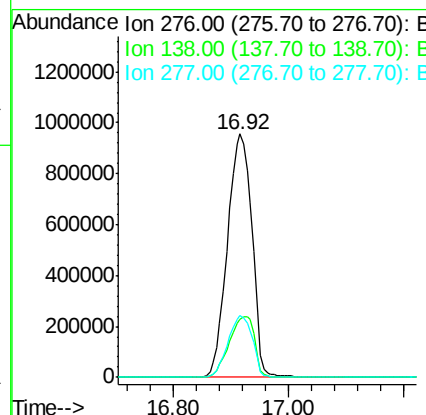
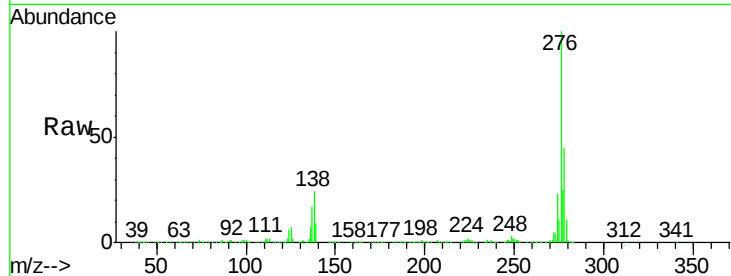




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.487 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

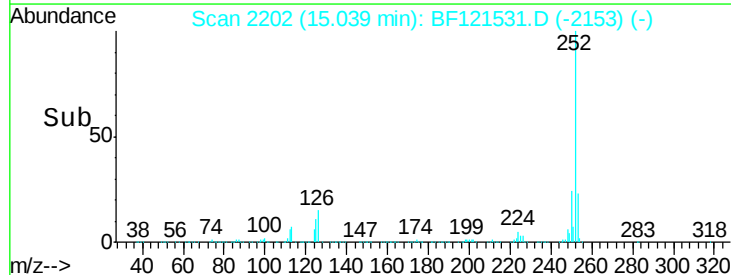
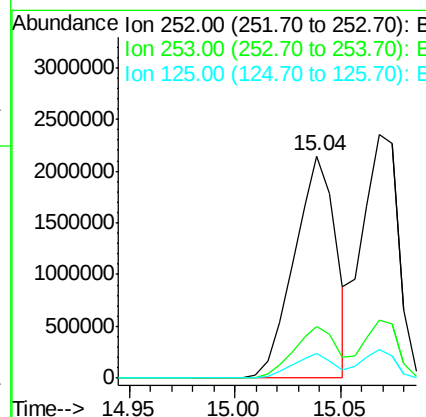
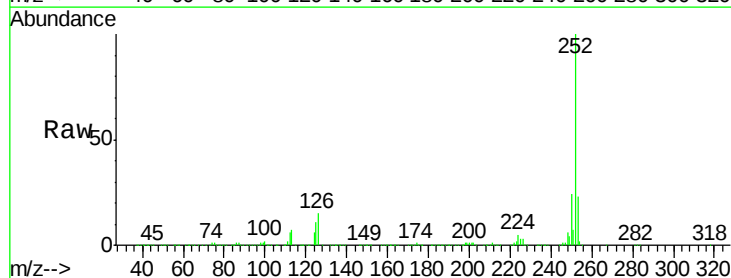
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090320MSD

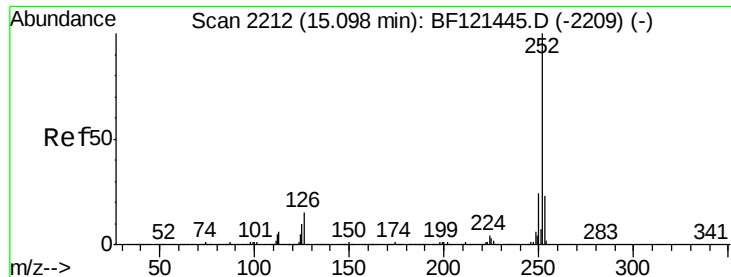
Tot Ion:276 Resp: 2811868
 Ion Ratio Lower Upper
 276 100
 138 25.8 20.7 31.1
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 45.888 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF121531.D
 Acq: 8 Sep 2020 20:00

Tgt Ion:252 Resp: 2934464
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.3 27.5
 125 11.0 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 47.788 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

Instrument :

BNA_F

ClientSampleId :

CL-01-090320MSD

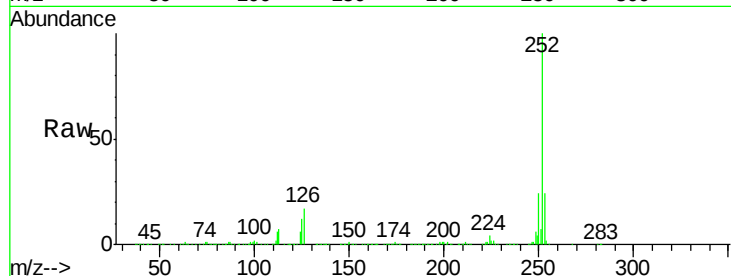
Tot Ion:252 Resp: 2842484

Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

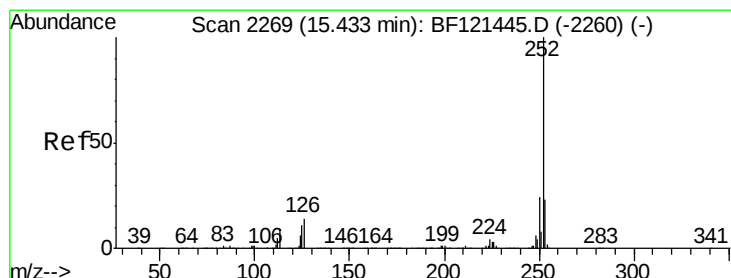
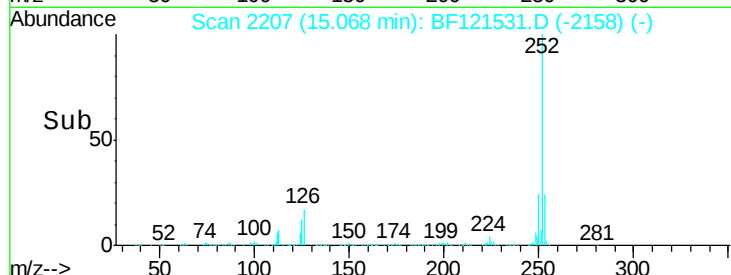
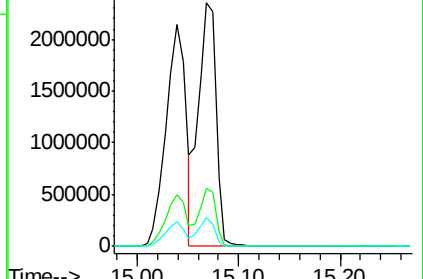
125 11.5 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.367 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BF121531.D

Acq: 8 Sep 2020 20:00

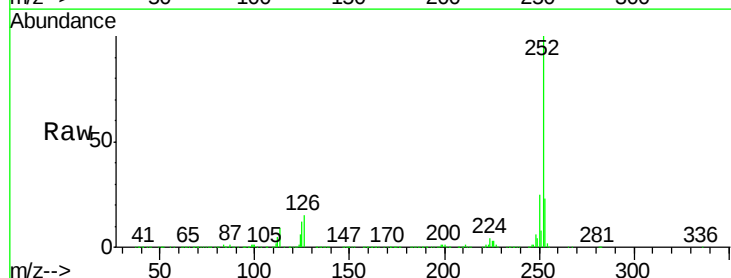
Tgt Ion:252 Resp: 2551204

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

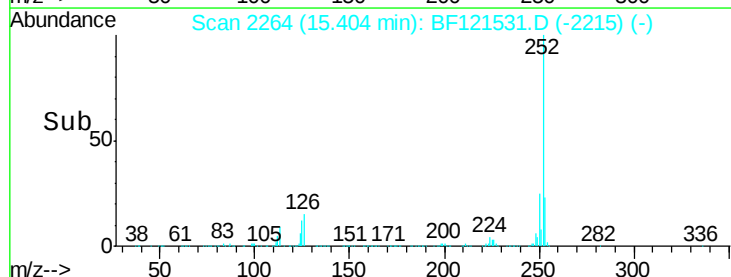
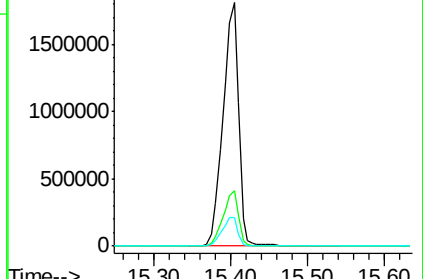
125 11.5 8.8 13.2

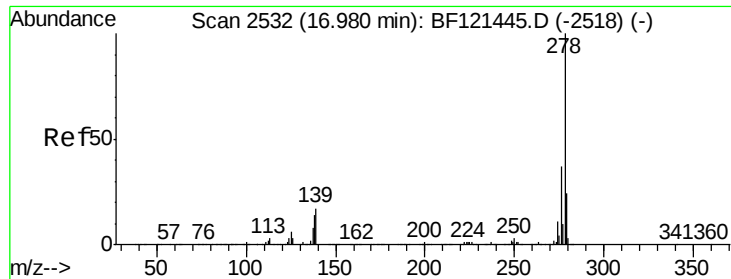


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

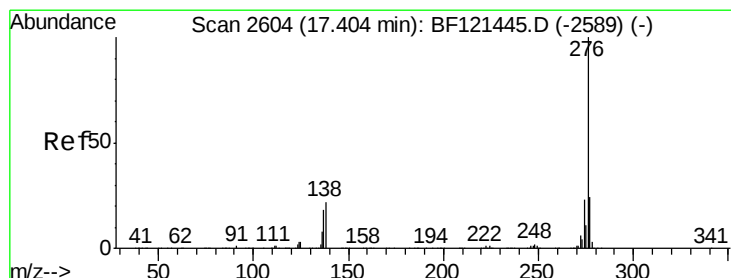
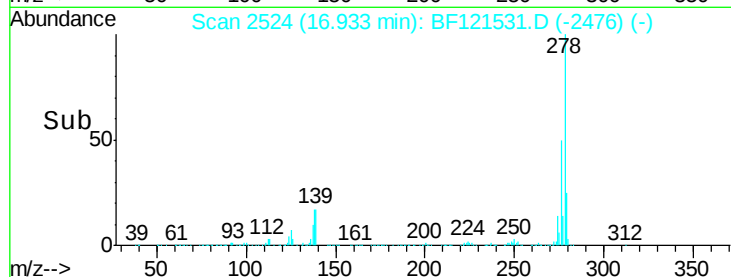
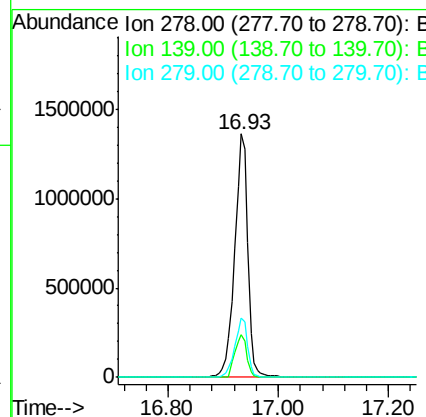
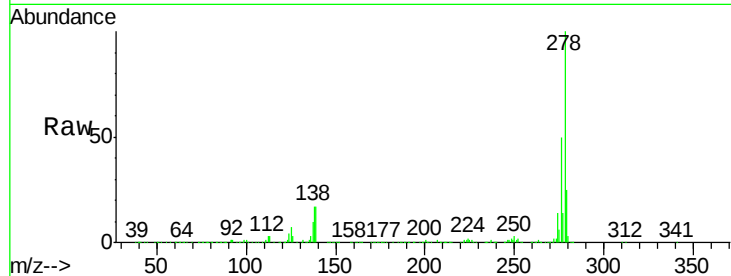




#91
Dibenzo(a,h)anthracene
Concen: 46.309 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Instrument :
BNA_F
ClientSampleId :
CL-01-090320MSD

Tot Ion:278 Resp: 2292911
Ion Ratio Lower Upper
278 100
139 17.4 14.0 21.0
279 24.5 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 48.922 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BF121531.D
Acq: 8 Sep 2020 20:00

Tgt Ion:276 Resp: 2333408
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 21.9 17.8 26.6

