

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
 Data File : BF121179.D
 Acq On : 3 Aug 2020 16:46
 Operator : JU/CG
 Sample : L3521-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Quant Time: Aug 03 17:17:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139249	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	537042	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	281643	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	542195	20.00	ng	0.00
76) Chrysene-d12	13.97	240	382717	20.00	ng	0.00
86) Perylene-d12	15.42	264	381965	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	787660	92.73	ng	0.00
7) Phenol-d6	6.44	99	986917	89.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	646615	69.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	308461	100.06	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1207446	64.01	ng	0.00
79) Terphenyl-d14	12.91	244	1256743	71.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	147358	37.695	ng	98
3) Pyridine	3.26	79	367391	35.328	ng	100
4) n-Nitrosodimethylamine	3.22	42	188348	42.355	ng	98
6) Aniline	6.46	93	517509	36.133	ng	# 76
8) 2-Chlorophenol	6.58	128	444566	47.510	ng	99
9) Benzaldehyde	6.35	77	280629	60.329	ng	99
10) Phenol	6.45	94	520546	43.128	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	413690	44.723	ng	99
12) 1,3-Dichlorobenzene	6.73	146	433440	42.717	ng	97
13) 1,4-Dichlorobenzene	6.81	146	437178	43.330	ng	98
14) 1,2-Dichlorobenzene	6.96	146	424819	44.507	ng	100
15) Benzyl Alcohol	6.95	79	361103	46.537	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	554765	41.609	ng	98
17) 2-Methylphenol	7.06	107	360324	43.445	ng	100
18) Hexachloroethane	7.30	117	159913	43.790	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	268523	43.038	ng	99
20) 3+4-Methylphenols	7.21	107	404022	38.295	ng	89
22) Acetophenone	7.20	105	550534	45.677	ng	95
24) Nitrobenzene	7.38	77	445027	44.488	ng	99
25) Isophorone	7.62	82	824570	44.515	ng	98
26) 2-Nitrophenol	7.70	139	246179	51.817	ng	97
27) 2,4-Dimethylphenol	7.74	122	393261	50.983	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	526421	46.557	ng	99
29) 2,4-Dichlorophenol	7.95	162	372187	47.219	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	391546	44.774	ng	98
31) Naphthalene	8.10	128	1205879	43.774	ng	100
32) Benzoic acid	7.89	122	233167	40.268	ng	99
33) 4-Chloroaniline	8.15	127	353259	28.746	ng	99
34) Hexachlorobutadiene	8.22	225	220270	42.727	ng	99
35) Caprolactam	8.55	113	91119	36.048	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	393301	48.652	ng	98
37) 2-Methylnaphthalene	8.79	142	842575	47.106	ng	100
38) 1-Methylnaphthalene	8.89	142	797570	47.080	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	386308	47.077	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	322354	71.078	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	274519	47.514	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	294099	44.875	nq	99
46) 1,1'-Biphenyl	9.26	154	1006427	46.846	nq	98
47) 2-Chloronaphthalene	9.29	162	781883	44.639	nq	99
48) 2-Nitroaniline	9.39	65	250043	47.237	nq	92
49) Acenaphthylene	9.70	152	1254519	46.103	nq	100
50) Dimethylphthalate	9.57	163	1075554	52.934	nq	99
51) 2,6-Dinitrotoluene	9.63	165	214525	49.143	nq	99
52) Acenaphthene	9.87	154	723565	41.824	nq	100
53) 3-Nitroaniline	9.80	138	160874	29.384	nq	96
54) 2,4-Dinitrophenol	9.91	184	203623	80.950	nq	96
55) Dibenzofuran	10.05	168	1092005	43.650	nq	99
56) 4-Nitrophenol	9.97	139	353936	85.104	nq	99
57) 2,4-Dinitrotoluene	10.03	165	277741	48.450	nq	90
58) Fluorene	10.39	166	823819	44.152	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	248876	49.876	nq	100
60) Diethylphthalate	10.26	149	952705	46.356	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	405347	40.730	nq	95
62) 4-Nitroaniline	10.42	138	234081	43.892	nq	97
63) Azobenzene	10.54	77	875087	44.725	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	142059	45.489	nq	100
66) n-Nitrosodiphenylamine	10.50	169	798595	46.821	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	276496	45.739	nq	97
68) Hexachlorobenzene	10.94	284	310267	47.448	nq	97
69) Atrazine	11.03	200	231366	54.772	nq	97
70) Pentachlorophenol	11.14	266	335438	89.541	nq	99
71) Phenanthrene	11.35	178	1264988	45.364	nq	100
72) Anthracene	11.40	178	1301300	46.474	nq	100
73) Carbazole	11.56	167	1249676	44.972	nq	100
74) Di-n-butylphthalate	11.89	149	1477801	46.084	nq	100
75) Fluoranthene	12.54	202	1388542	44.924	nq	98
77) Benzidine	12.66	184	870490	86.510	nq	99
78) Pyrene	12.77	202	1416309	52.343	nq	100
80) Butylbenzylphthalate	13.39	149	647993	53.721	nq	98
81) Benzo(a)anthracene	13.96	228	1136272	49.029	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	414205	47.373	nq	99
83) Chrysene	14.00	228	1117678	45.891	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	828398	55.694	nq	# 98
85) Di-n-octyl phthalate	14.56	149	1454174	49.141	nq	98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1318614	49.639	nq	100
88) Benzo(b)fluoranthene	15.00	252	1100020	47.644	nq	99
89) Benzo(k)fluoranthene	15.03	252	1060012	50.341	nq	100
90) Benzo(a)pyrene	15.36	252	995944	47.280	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1067469	49.194	nq	100
92) Benzo(g,h,i)perylene	17.29	276	1148692	53.689	nq	100

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

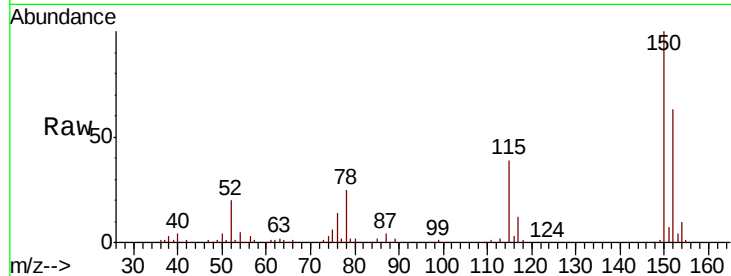


#1

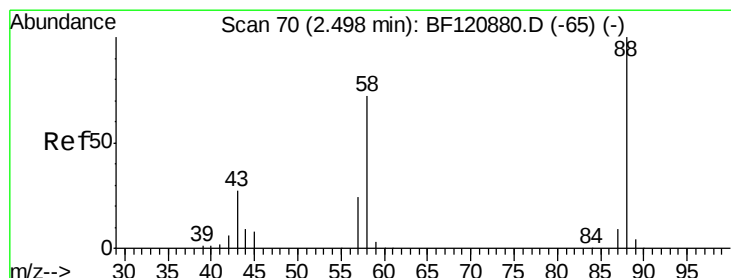
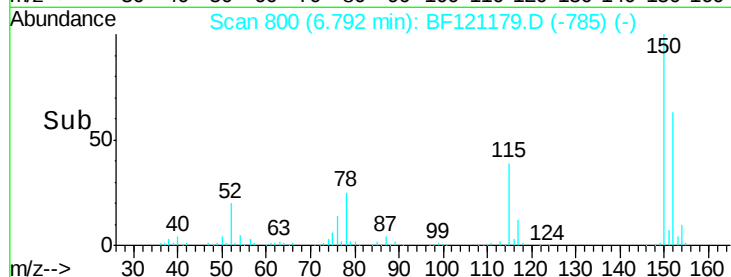
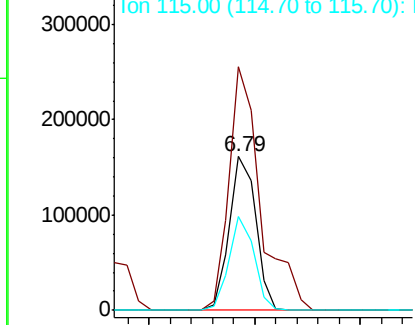
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:152 Resp: 139249
Ion Ratio Lower Upper
152 100
150 158.6 125.6 188.4
115 61.2 46.2 69.2



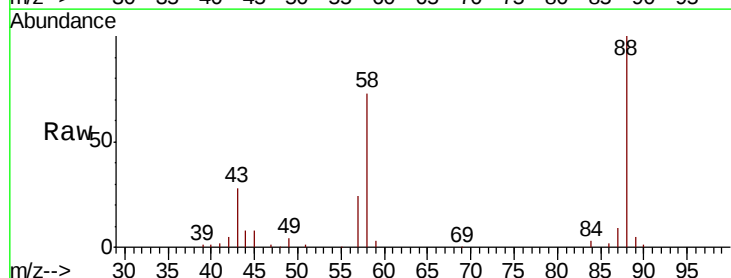
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



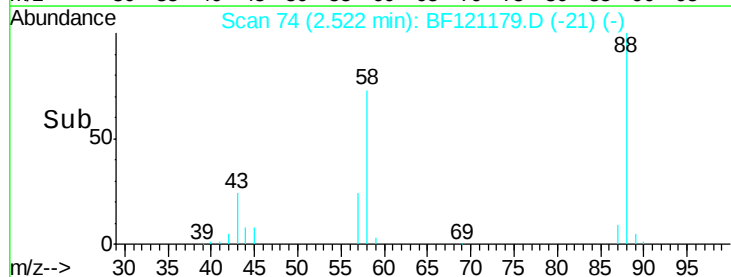
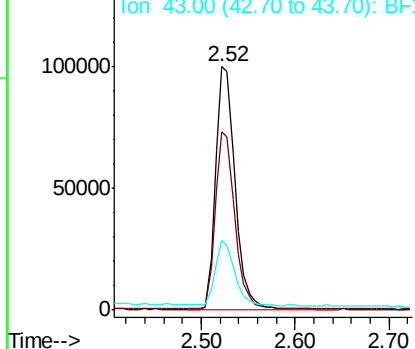
#2

1,4-Dioxane
Concen: 37.695 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion: 88 Resp: 147358
Ion Ratio Lower Upper
88 100
58 71.2 58.2 87.4
43 26.1 21.3 31.9



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

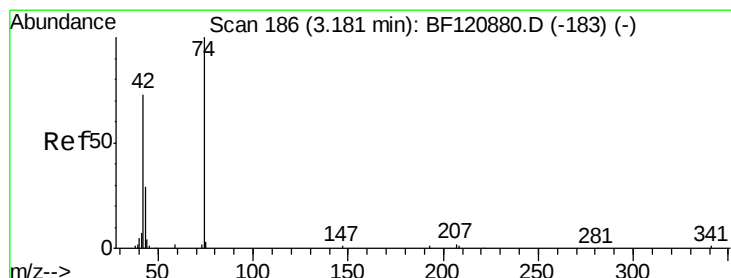
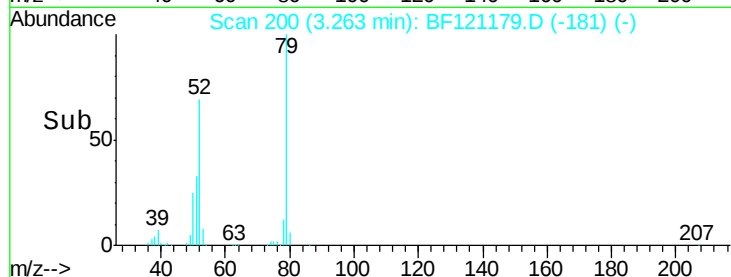
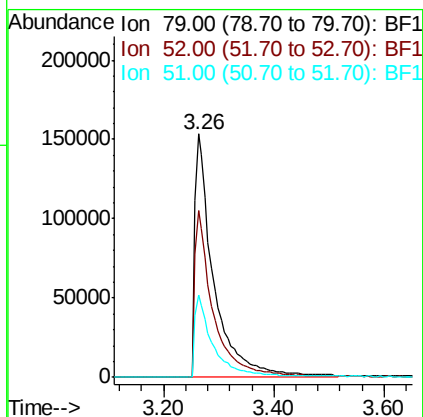
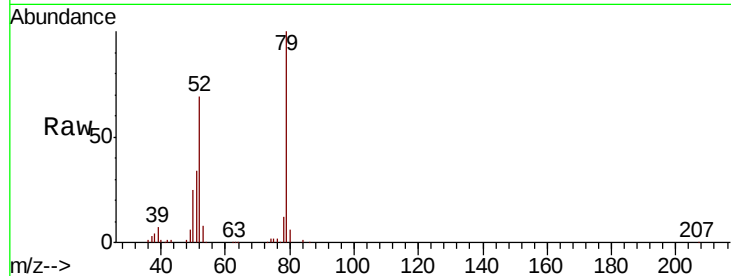




#3
 Pvridine
 Concen: 35.328 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

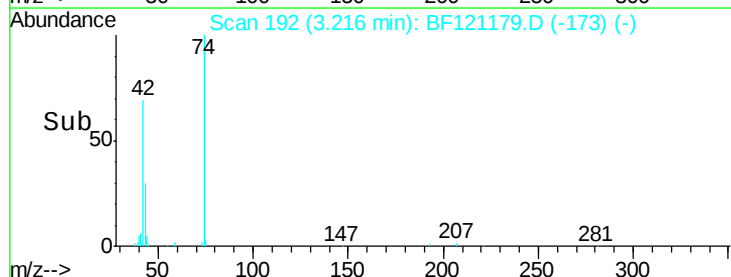
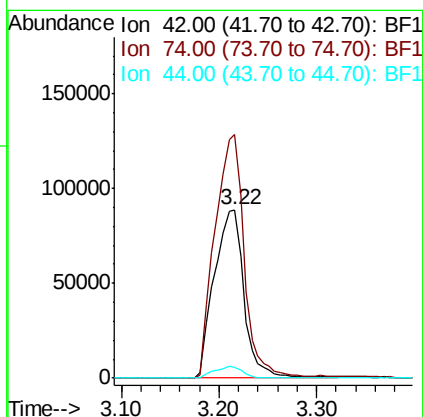
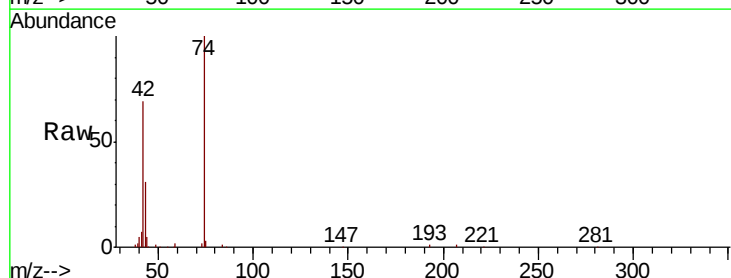
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

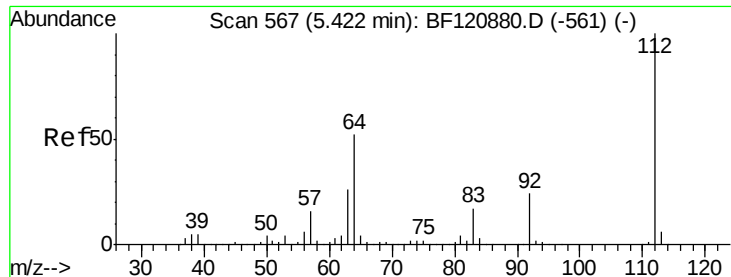
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.7	54.9	82.3
51	33.7	27.4	41.0



#4
 n-Nitrosodimethylamine
 Concen: 42.355 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.4	117.3	175.9
44	6.7	5.9	8.9





#5

2-Fluorophenol

Concen: 92.730 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

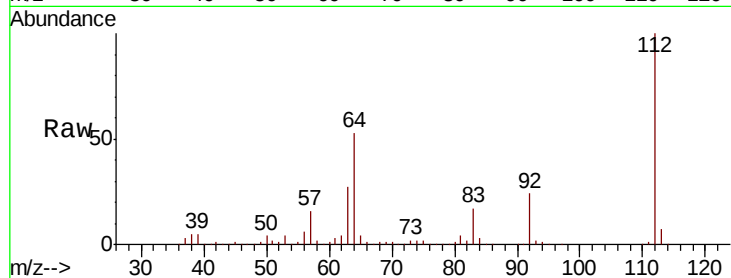
Tot Ion:112 Resp: 787660

Ion Ratio Lower Upper

112 100

64 52.7 43.9 65.9

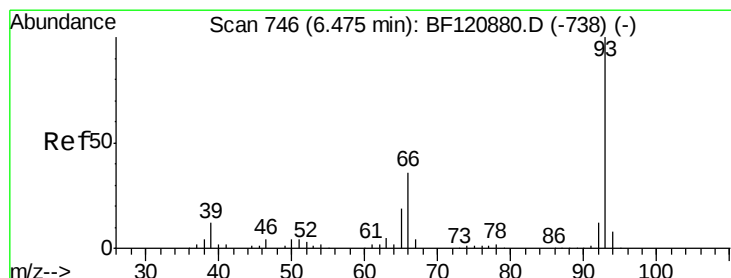
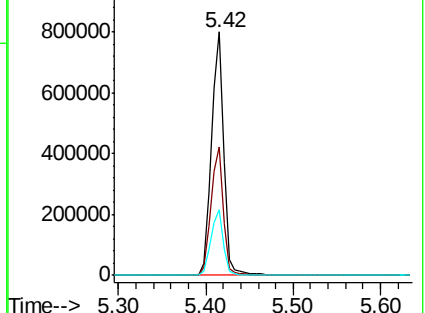
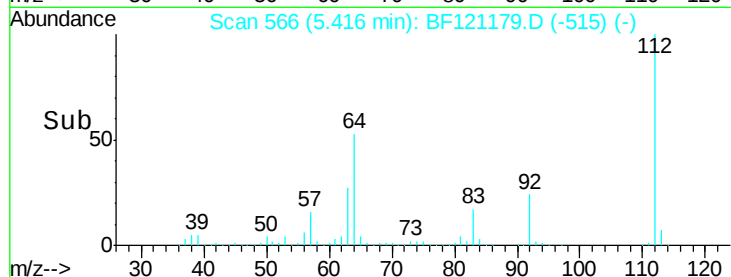
63 27.1 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.133 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

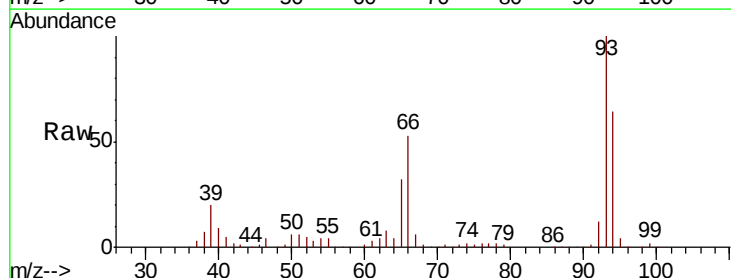
Tgt Ion: 93 Resp: 517509

Ion Ratio Lower Upper

93 100

66 52.9 31.0 46.4#

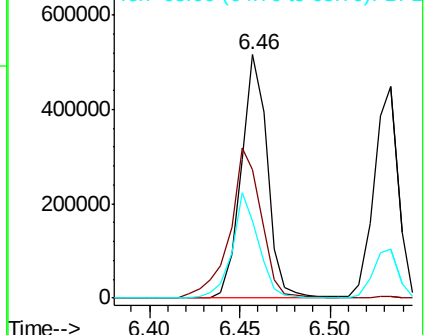
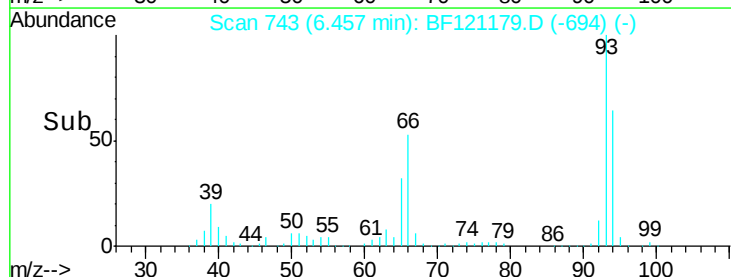
65 31.9 16.2 24.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.947 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

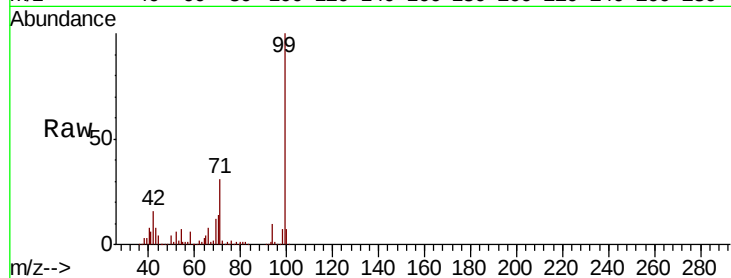
Tot Ion: 99 Resp: 986917

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

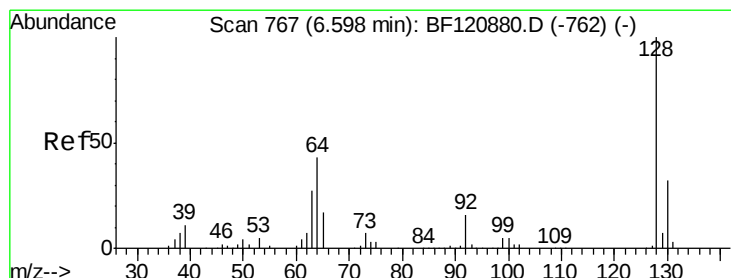
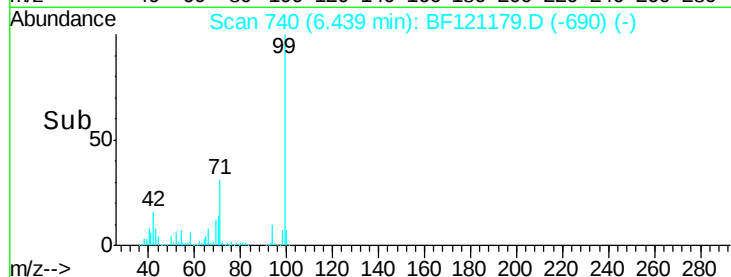
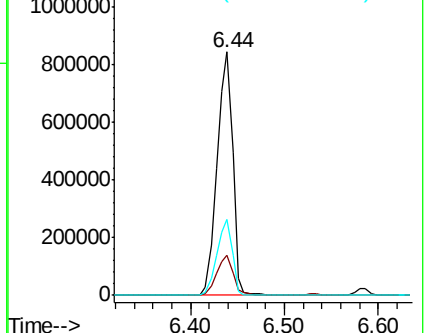
71 31.1 25.0 37.4



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: 47.510 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

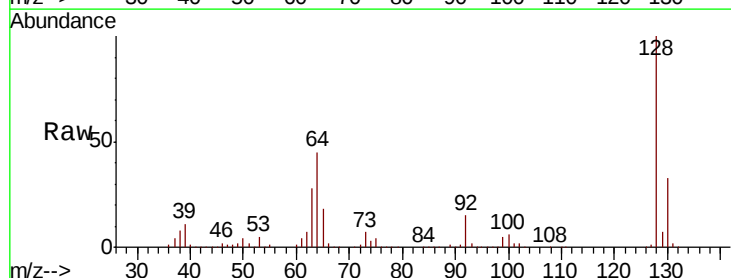
Tgt Ion: 128 Resp: 444566

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

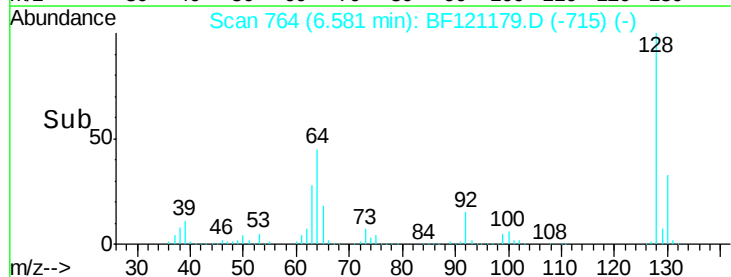
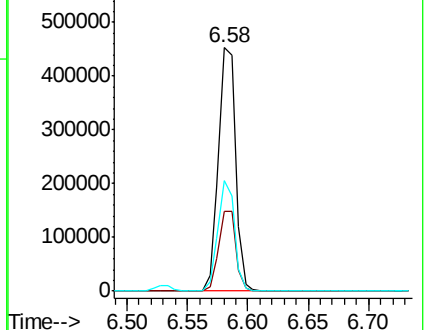
64 45.3 23.8 63.8



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: 60.329 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

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ClientSampleId :

COMP-CDMSD

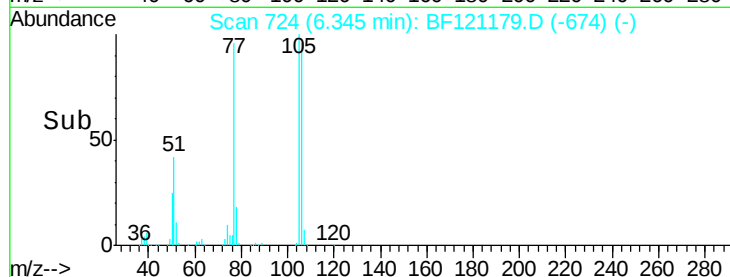
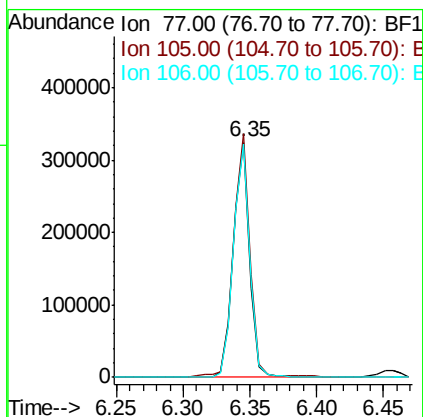
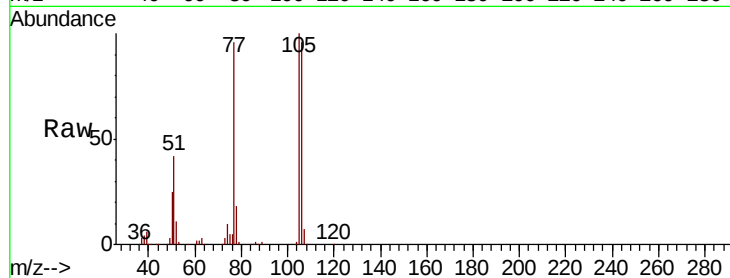
Tot Ion: 77 Resp: 280629

Ion Ratio Lower Upper

77 100

105 103.7 82.4 122.4

106 99.5 78.9 118.9



#10

Phenol

Concen: 43.128 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

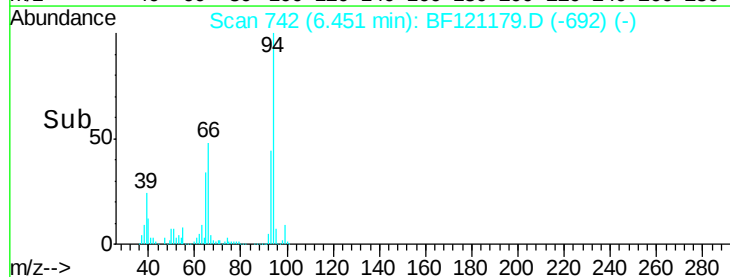
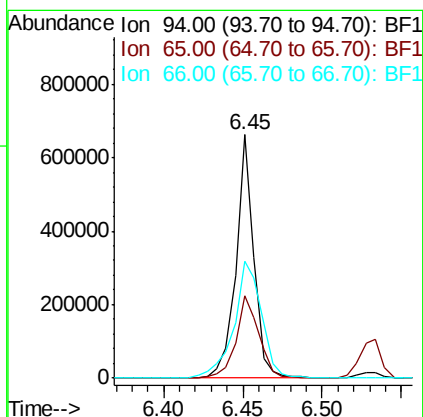
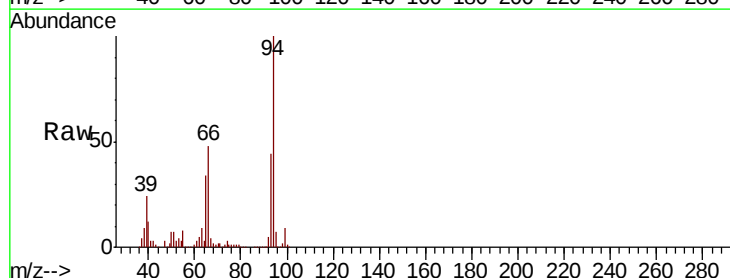
Tgt Ion: 94 Resp: 520546

Ion Ratio Lower Upper

94 100

65 33.9 12.6 52.6

66 47.9 25.6 65.6

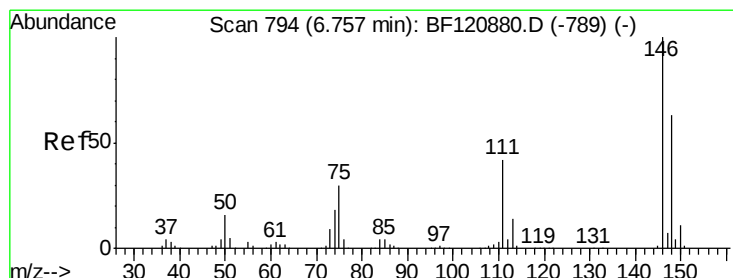
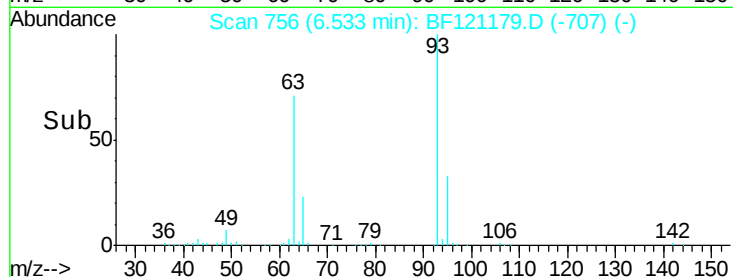
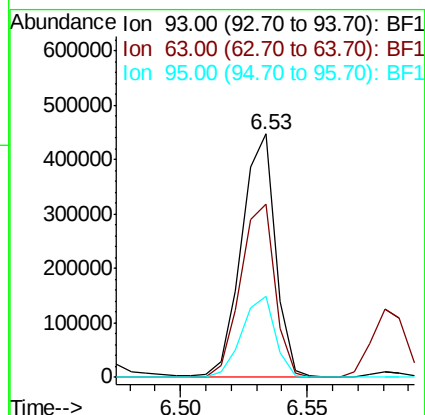
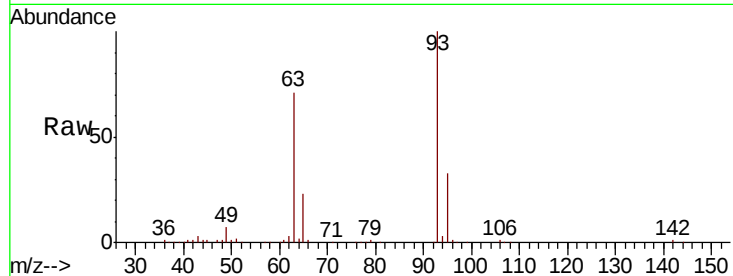




#11
bis(2-Chloroethyl)ether
Concen: 44.723 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

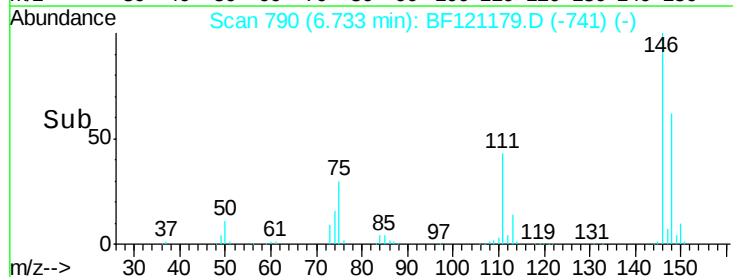
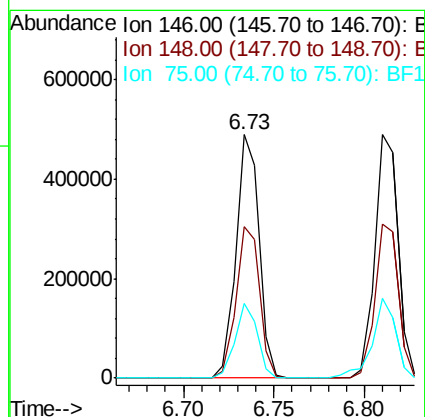
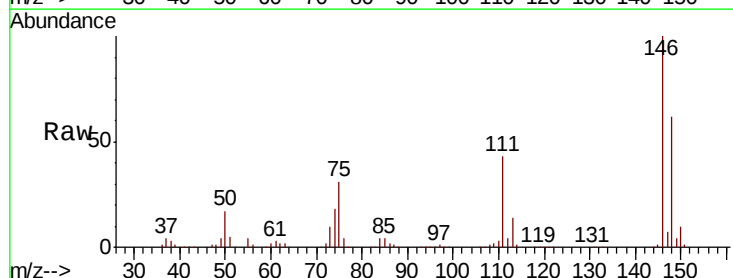
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

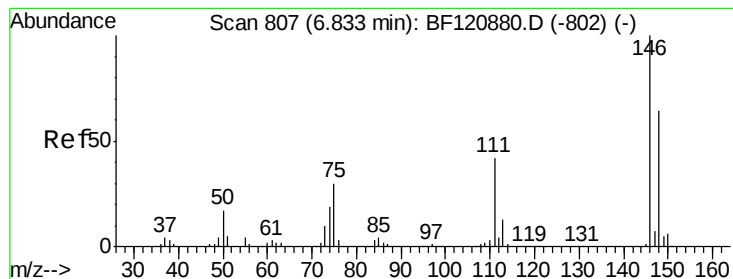
Tot Ion: 93 Resp: 413690
Ion Ratio Lower Upper
93 100
63 71.0 51.9 91.9
95 33.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 42.717 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion: 146 Resp: 433440
Ion Ratio Lower Upper
146 100
148 62.4 51.7 77.5
75 30.8 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 43.330 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

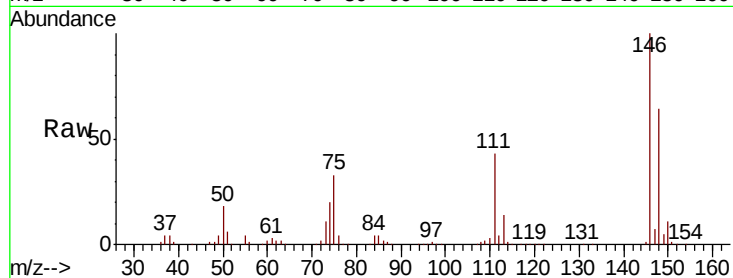
Tot Ion:146 Resp: 437178

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

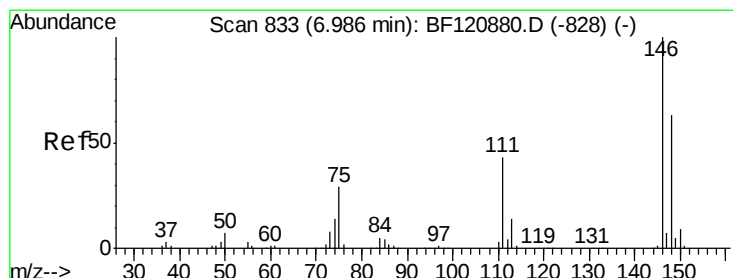
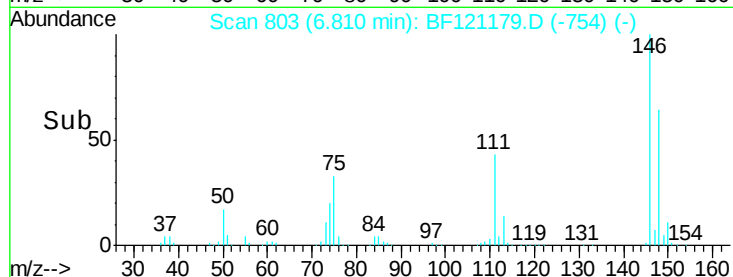
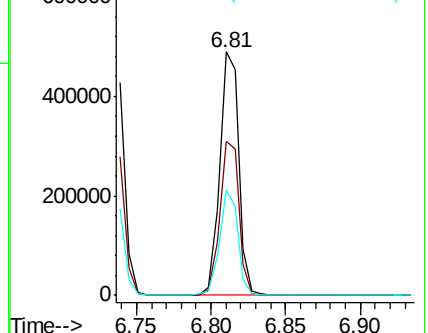
111 43.4 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.507 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

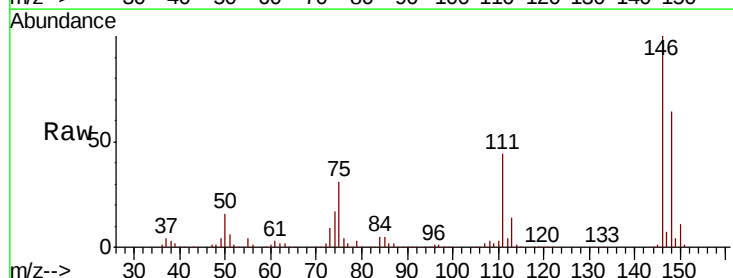
Tgt Ion:146 Resp: 424819

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

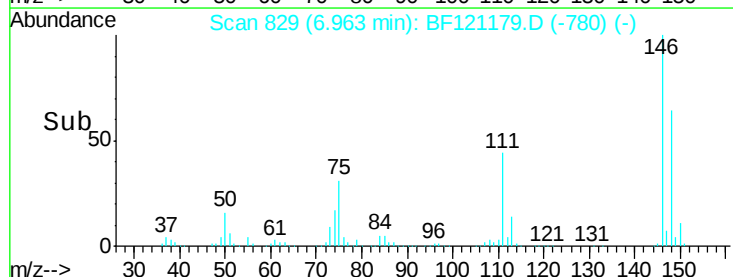
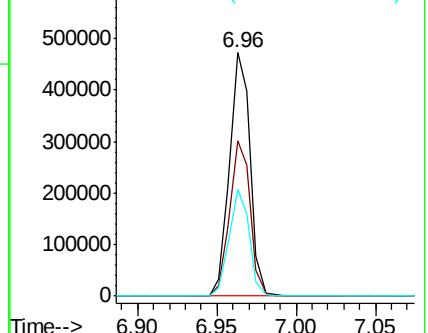
111 43.8 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.537 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

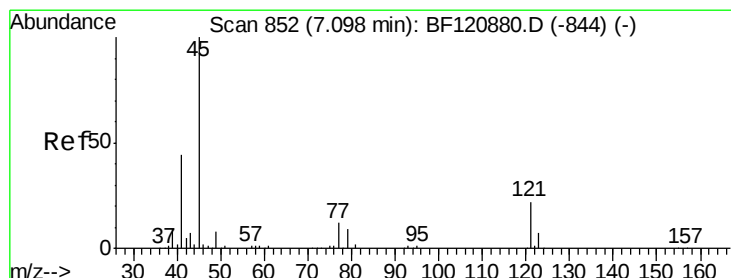
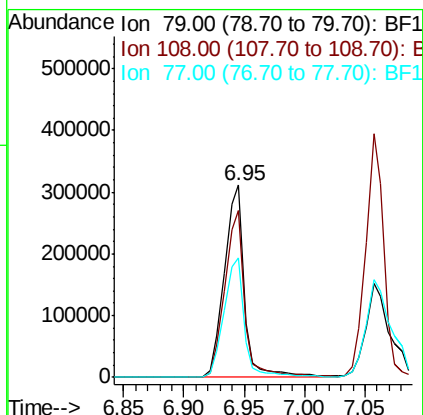
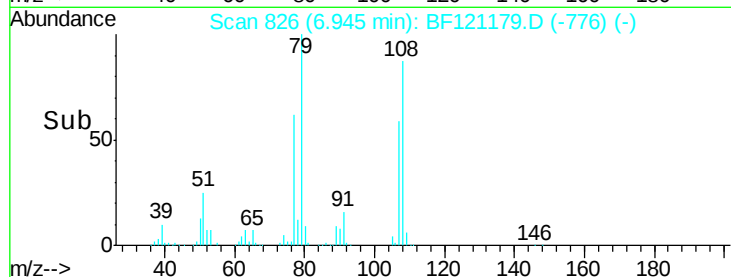
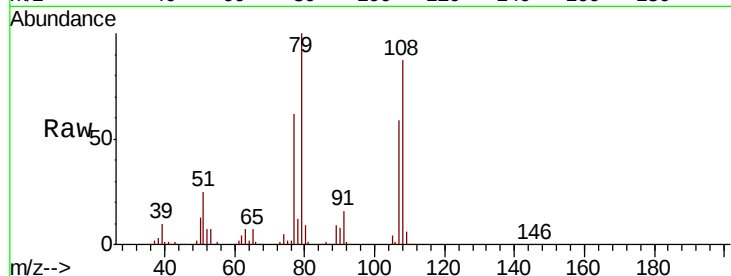
Tot Ion: 79 Resp: 361103

Ion Ratio Lower Upper

79 100

108 86.9 68.6 103.0

77 62.4 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.609 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

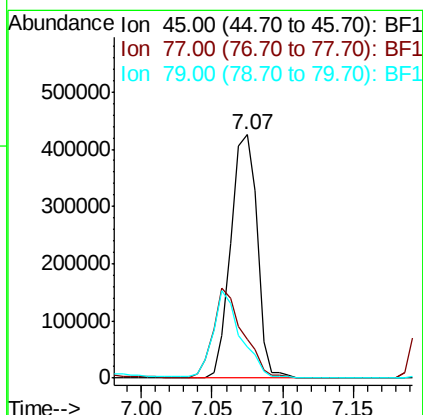
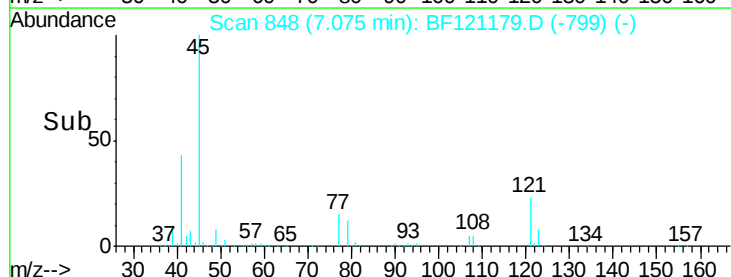
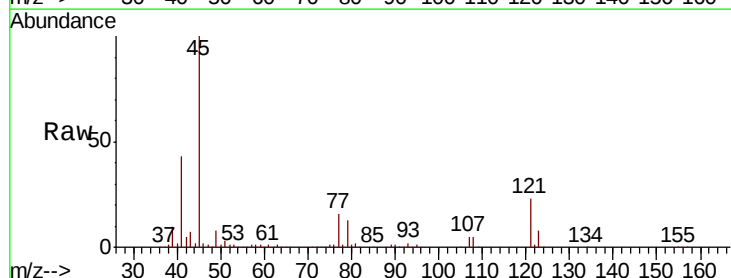
Tgt Ion: 45 Resp: 554765

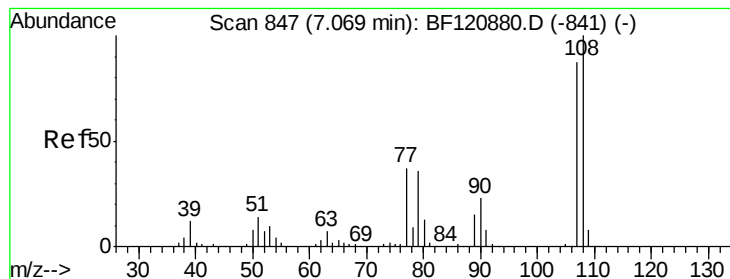
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.7

79 12.8 0.0 32.0





#17

2-Methylphenol

Concen: 43.445 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion:107 Resp: 360324

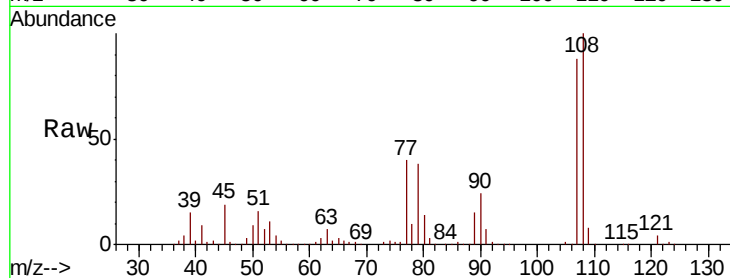
Ion Ratio Lower Upper

107 100

108 113.5 91.2 136.8

77 45.6 36.5 54.7

79 43.7 35.0 52.6

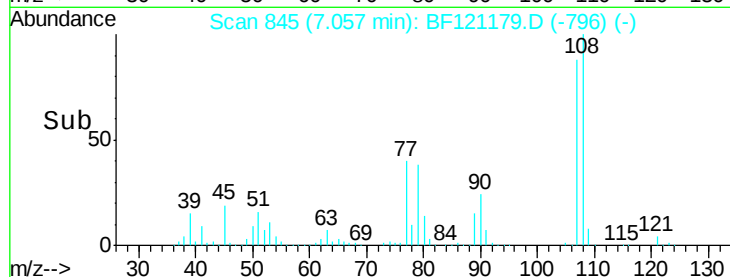


Abundance Ion 107.00 (106.70 to 107.70): E

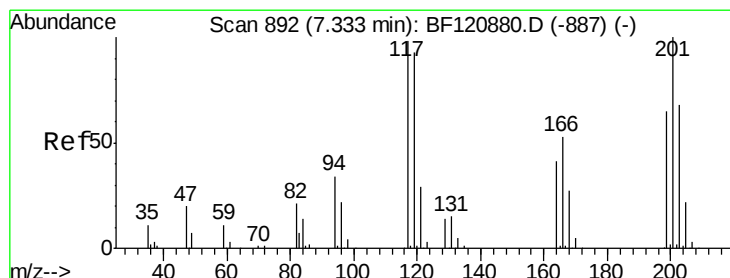
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 43.790 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

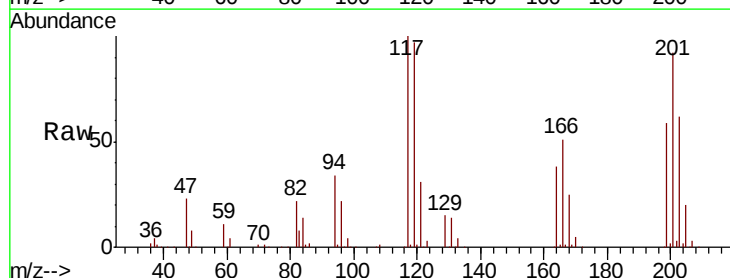
Tgt Ion:117 Resp: 159913

Ion Ratio Lower Upper

117 100

119 96.6 76.6 114.8

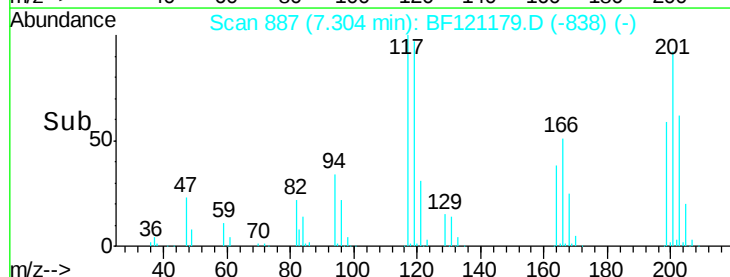
201 91.5 75.0 112.4



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



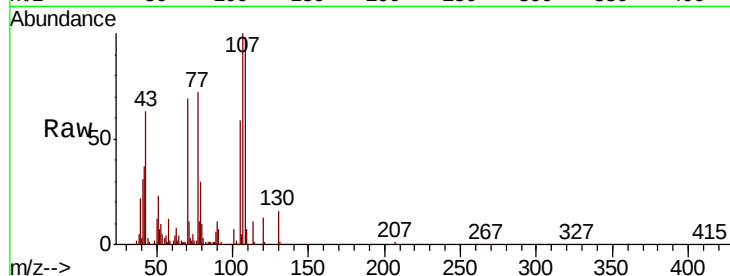
Time-->



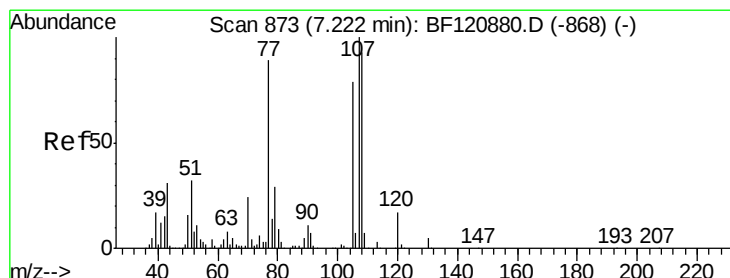
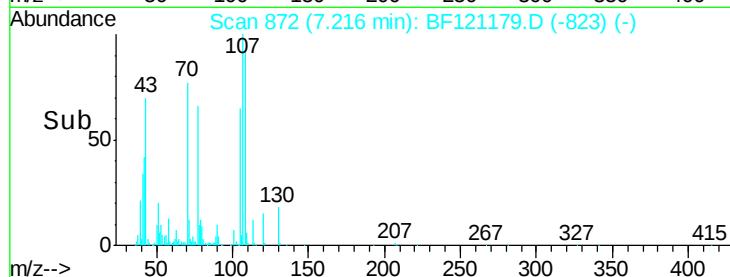
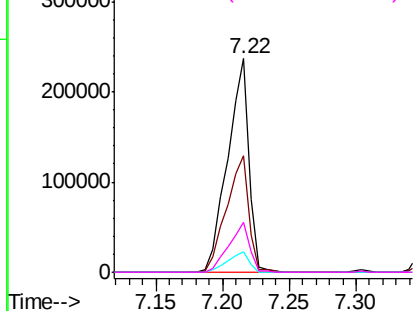
#19
n-Nitroso-di-n-propylamine
Concen: 43.038 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	70	Resp:	268523
Ion	Ratio	Lower	Upper
70	100		
42	54.5	43.3	64.9
101	9.6	8.4	12.6
130	23.7	18.7	28.1

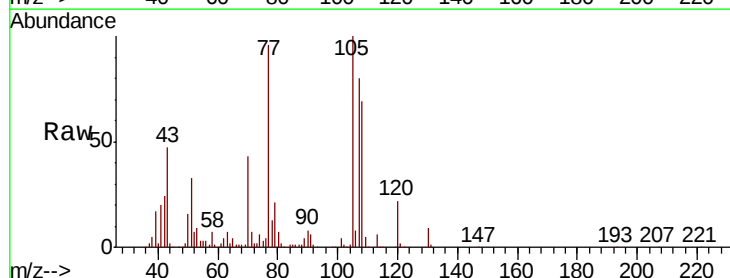


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

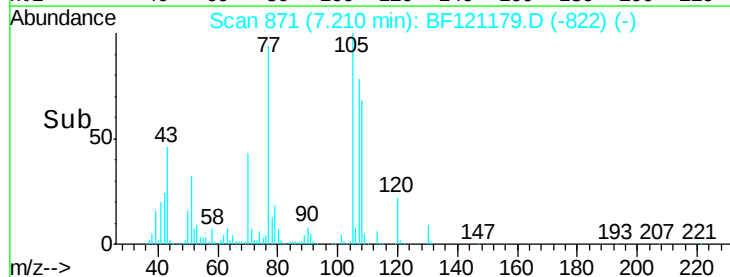
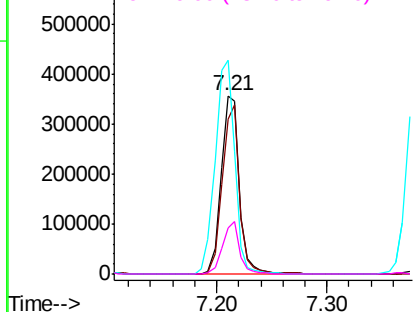


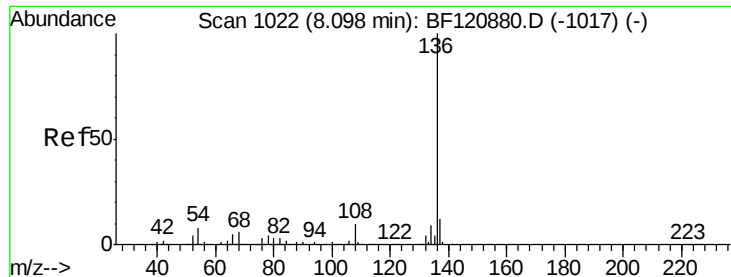
#20
3+4-Methylphenols
Concen: 38.295 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:	107	Resp:	404022
Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.7	113.7
77	120.0	84.9	124.9
79	26.2	10.7	50.7



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

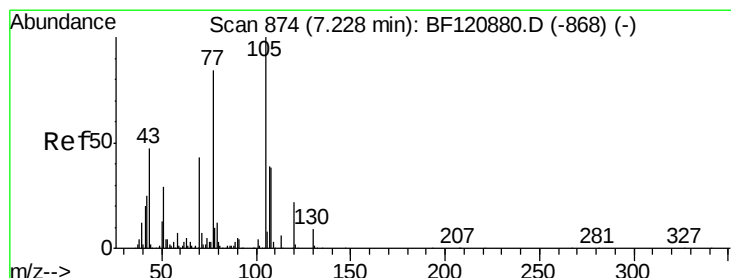
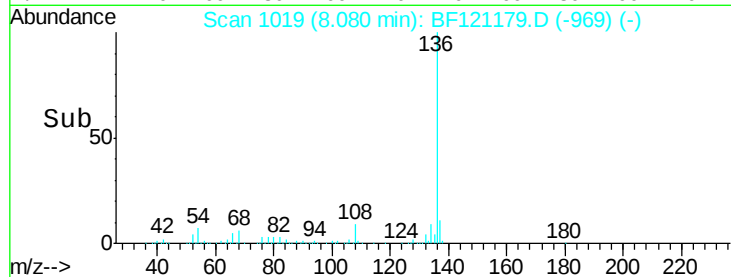
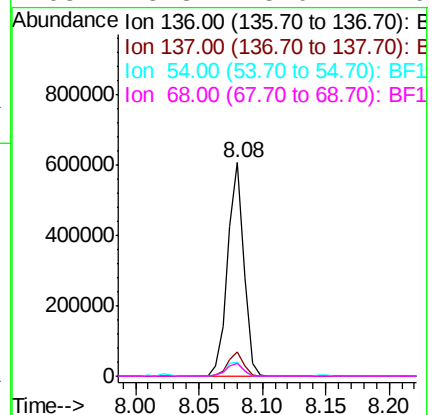
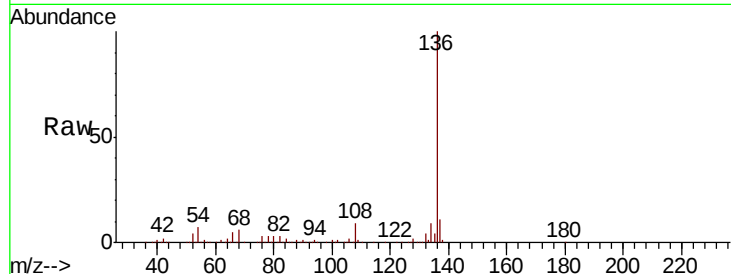




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

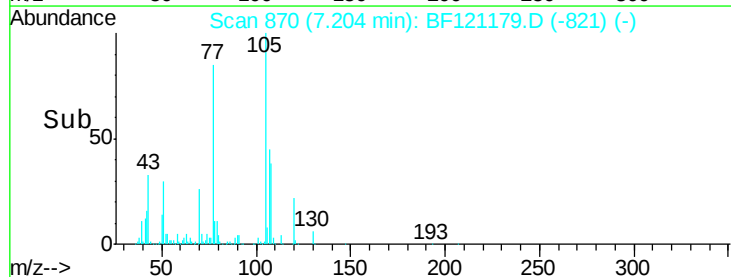
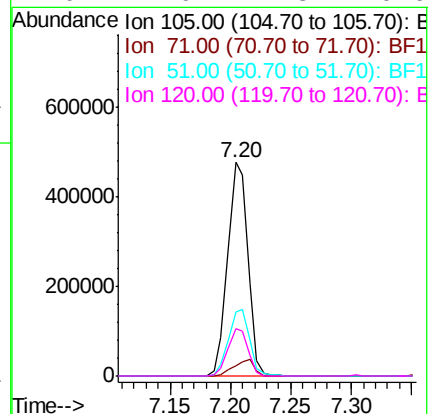
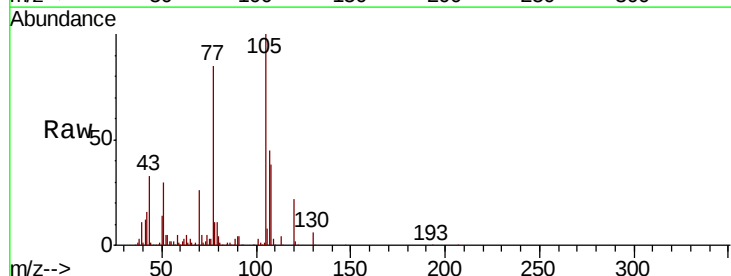
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:136	Resp:	537042
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	6.7	6.1 9.1
68	5.8	5.0 7.6



#22
Acetophenone
Concen: 45.677 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:105	Resp:	550534
Ion Ratio	Lower	Upper
105	100	
71	4.5	3.8 5.8
51	30.1	28.0 42.0
120	21.9	17.8 26.6

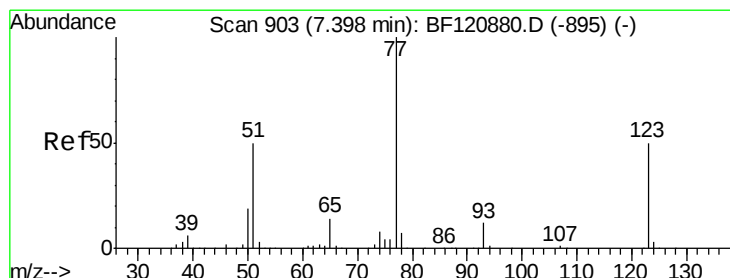
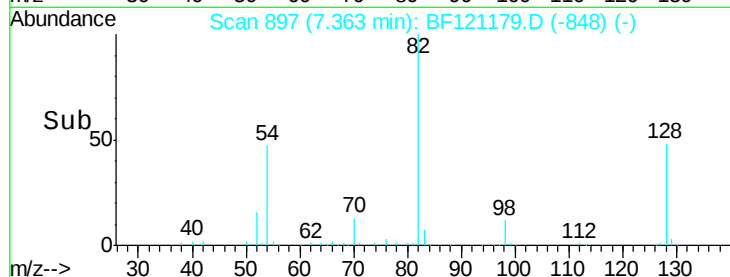
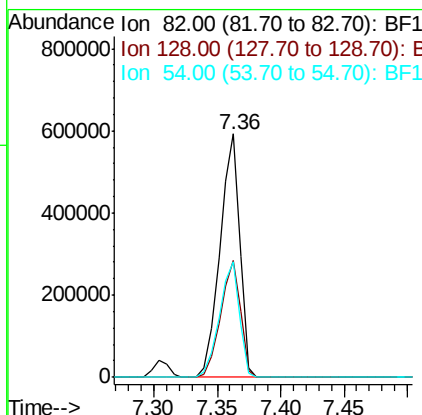
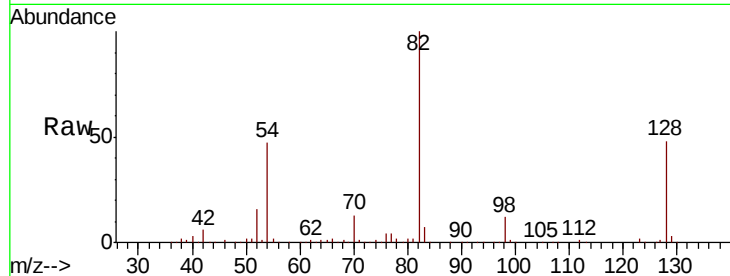




#23
 Nitrobenzene-d5
 Concen: 69.669 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

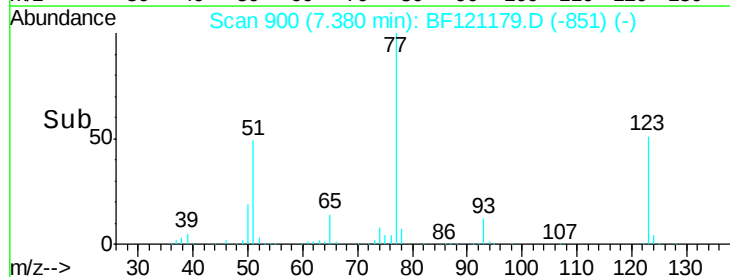
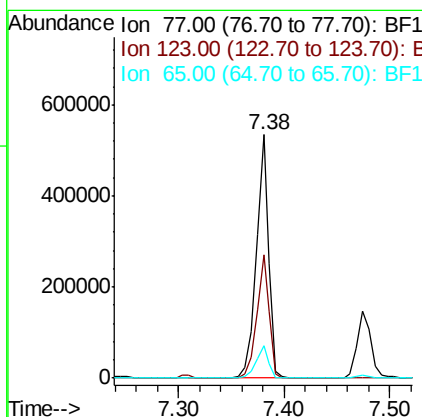
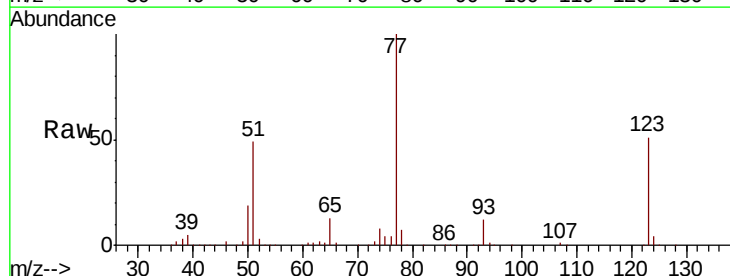
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

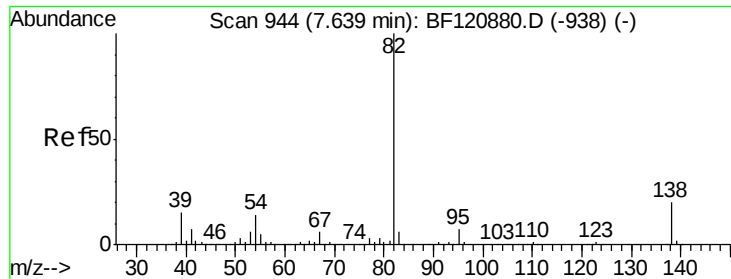
Tot Ion	82	Resp	646615
Ion Ratio	Lower	Upper	
82	100		
128	48.2	39.2	58.8
54	47.4	37.8	56.8



#24
 Nitrobenzene
 Concen: 44.488 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	77	Resp	445027
Ion Ratio	Lower	Upper	
77	100		
123	50.8	41.0	61.6
65	13.5	10.3	15.5





#25

Isophorone

Concen: 44.515 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

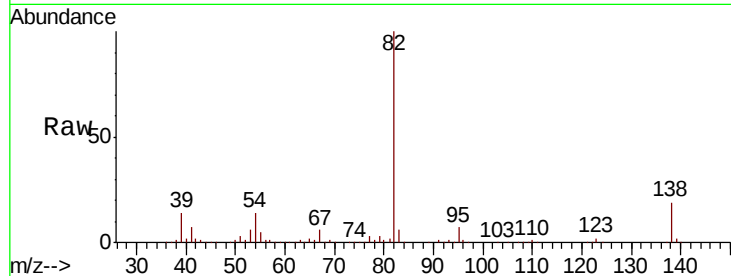
Tot Ion: 82 Resp: 824570

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

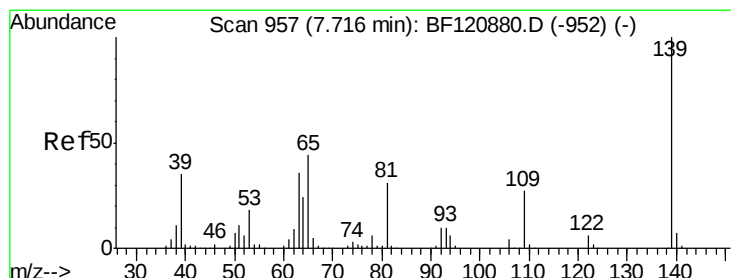
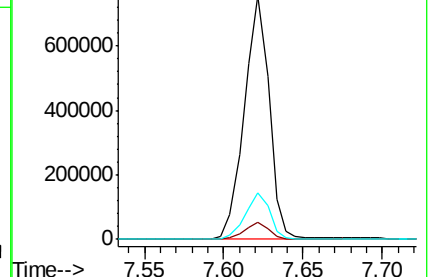
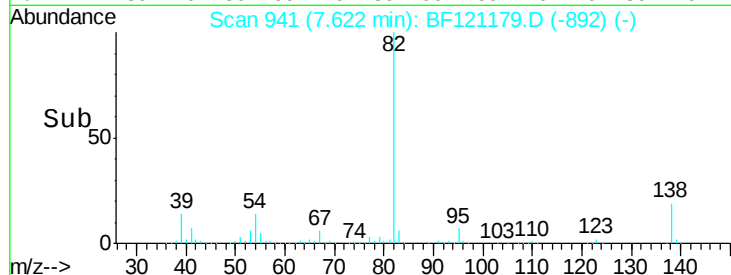
138 18.9 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.817 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

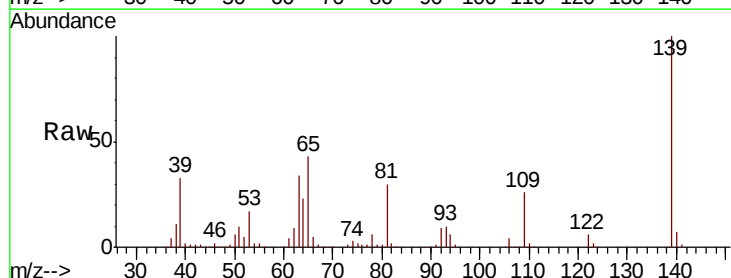
Tgt Ion: 139 Resp: 246179

Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

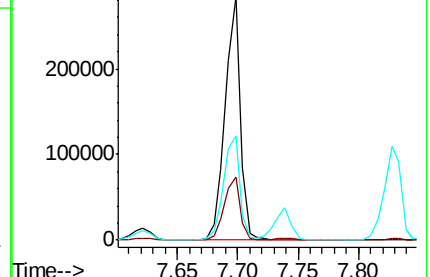
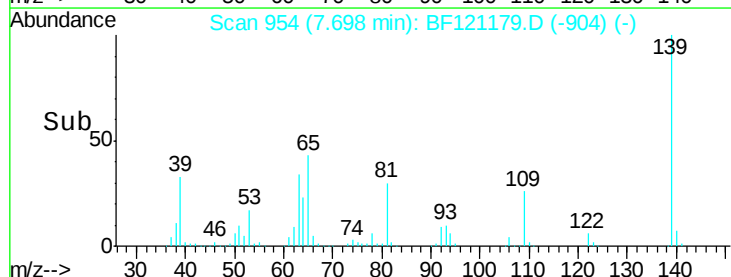
65 42.8 36.3 54.5

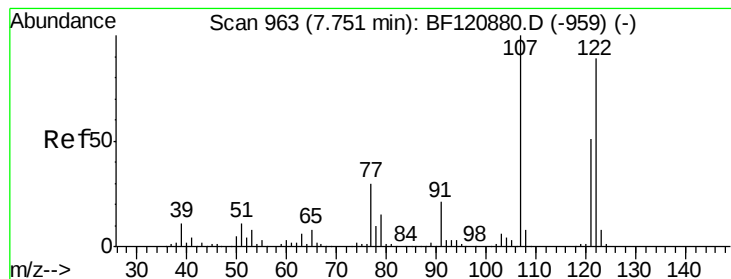


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.983 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

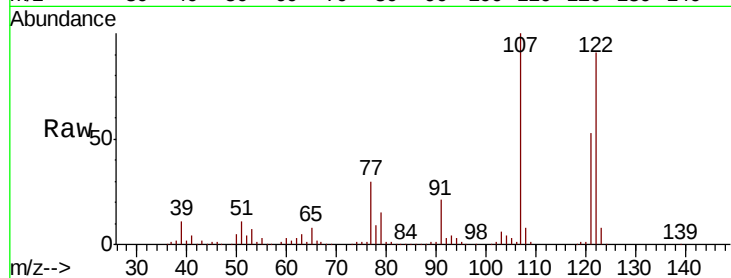
Tot Ion:122 Resp: 393261

Ion Ratio Lower Upper

122 100

107 109.7 87.1 130.7

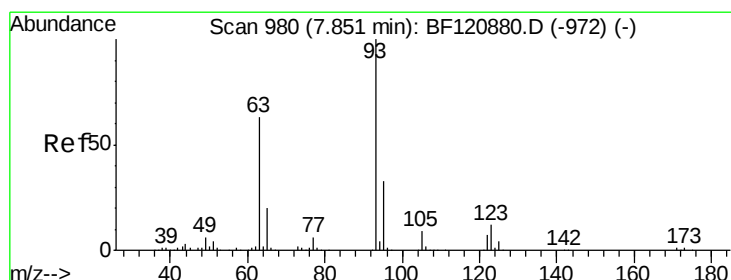
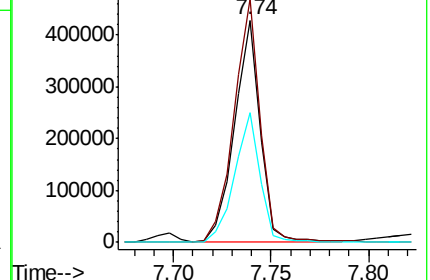
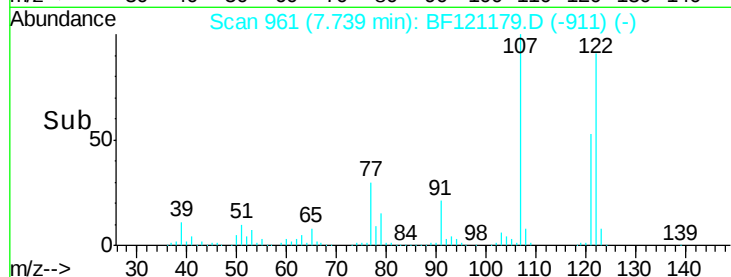
121 58.4 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.557 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

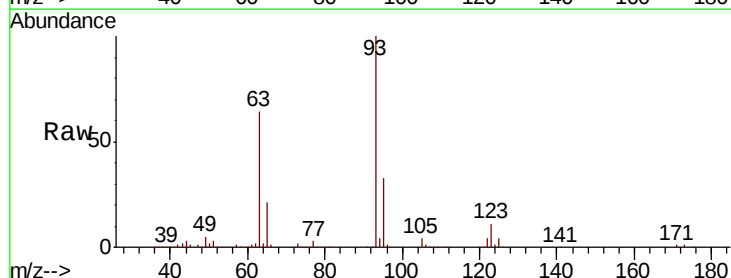
Tgt Ion: 93 Resp: 526421

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

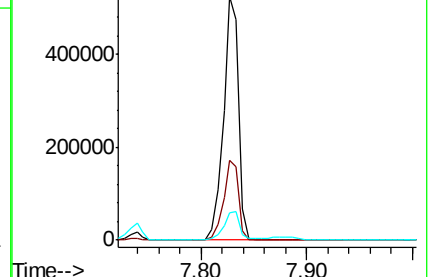
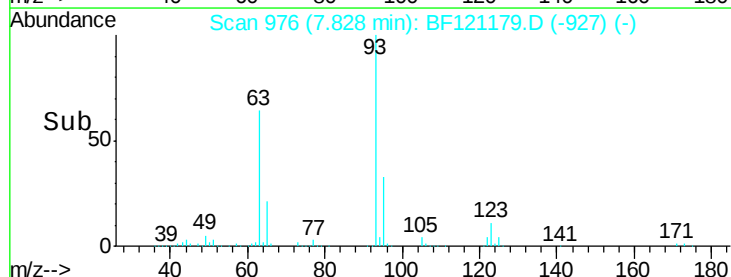
123 11.5 9.5 14.3

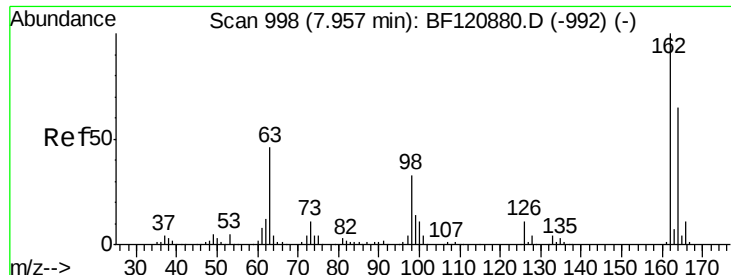


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

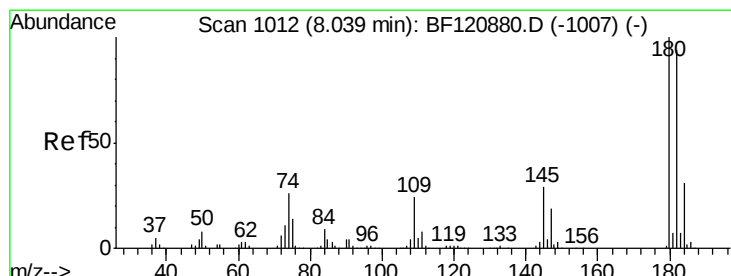
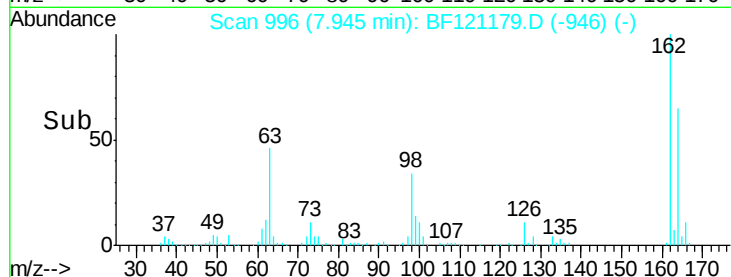
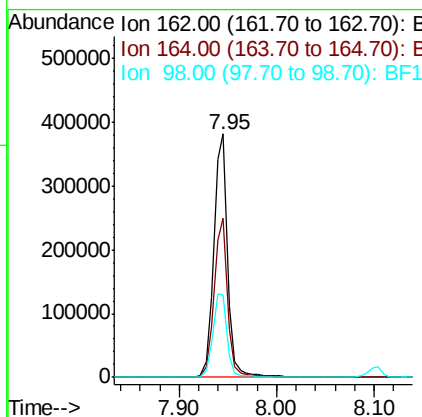
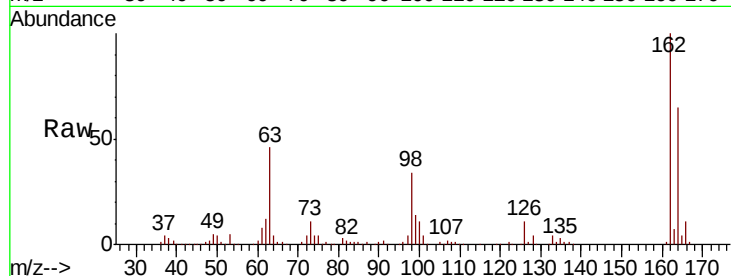




#29
 2,4-Dichlorophenol
 Concen: 47.219 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

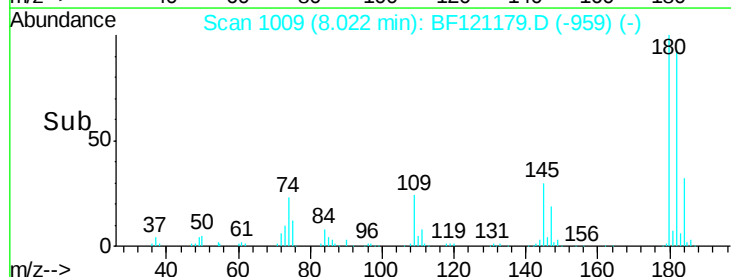
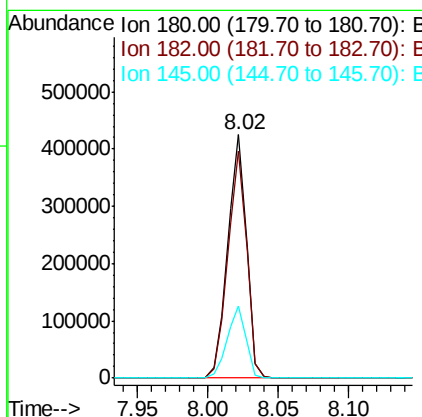
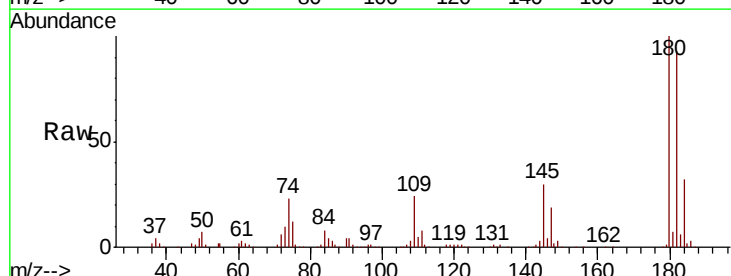
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

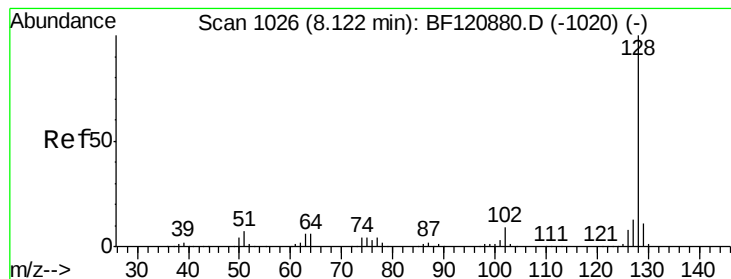
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.7	84.7
98	33.7	14.2	54.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.774 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.4	114.6
145	29.6	24.2	36.4





#31

Naphthalene

Concen: 43.774 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

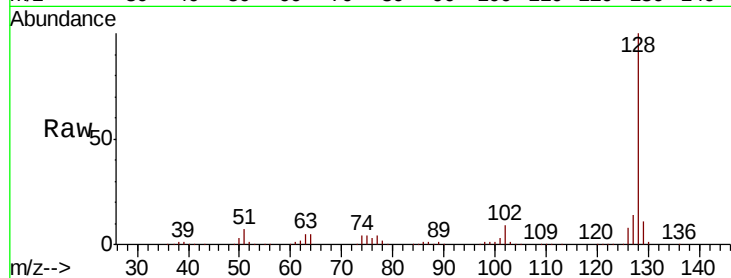
Tot Ion:128 Resp: 1205879

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

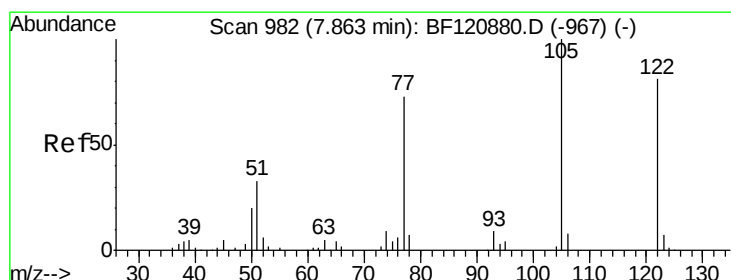
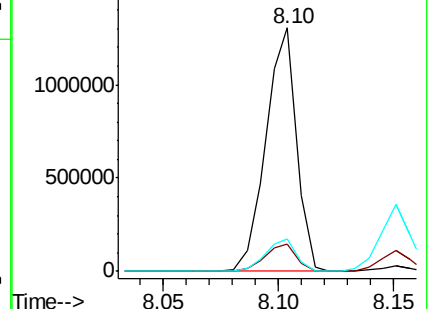
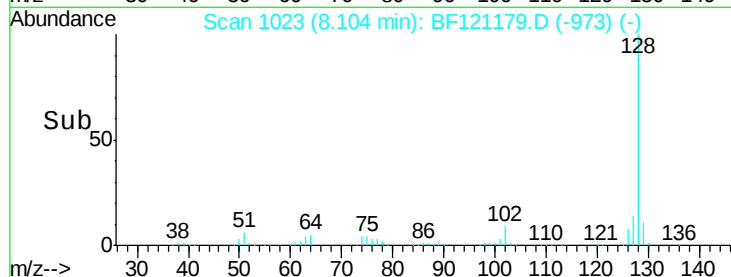
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.268 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

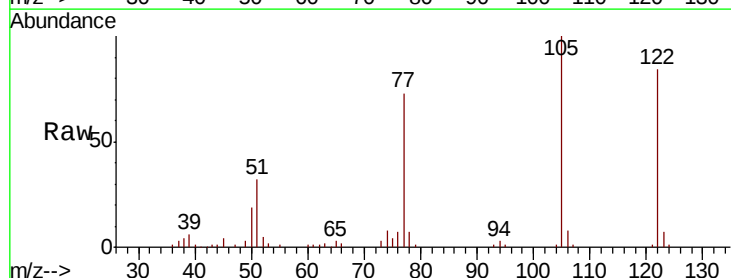
Tgt Ion:122 Resp: 233167

Ion Ratio Lower Upper

122 100

105 119.5 100.9 140.9

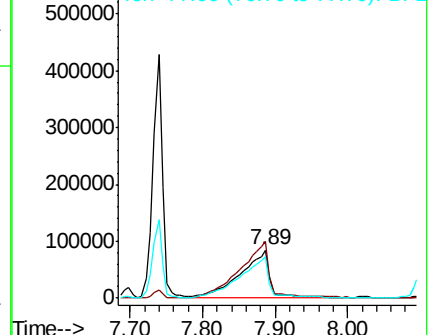
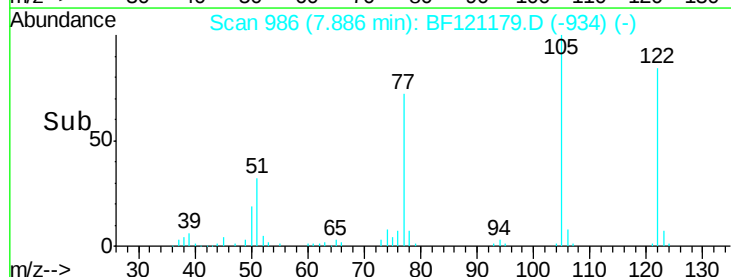
77 86.6 67.8 107.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

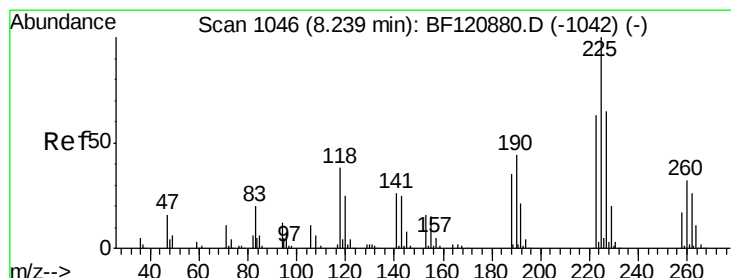
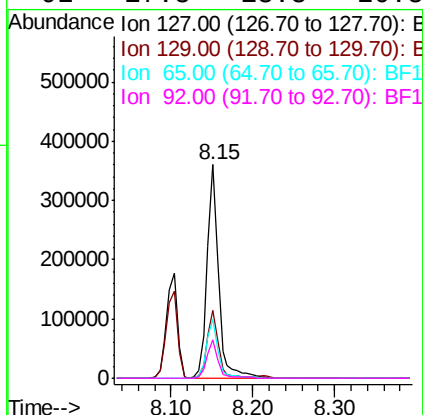
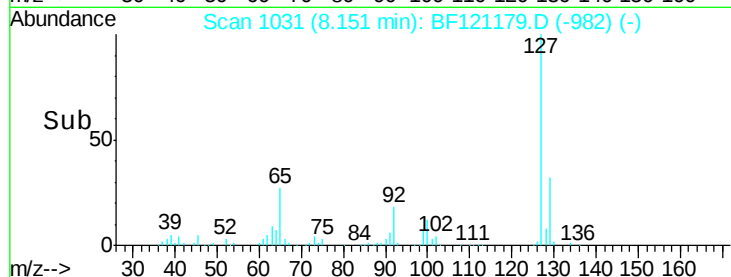
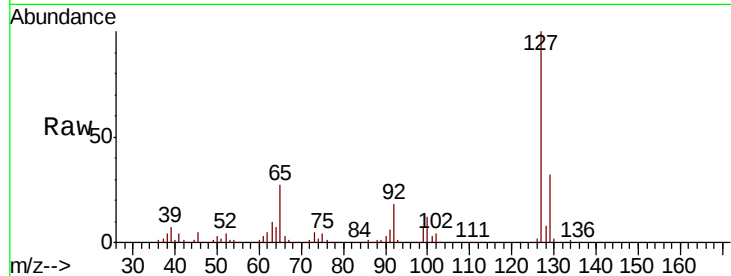




#33
4-Chloroaniline
Concen: 28.746 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

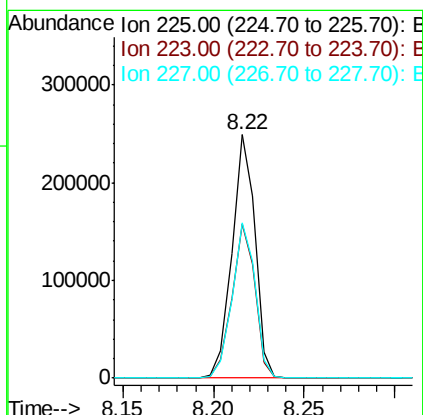
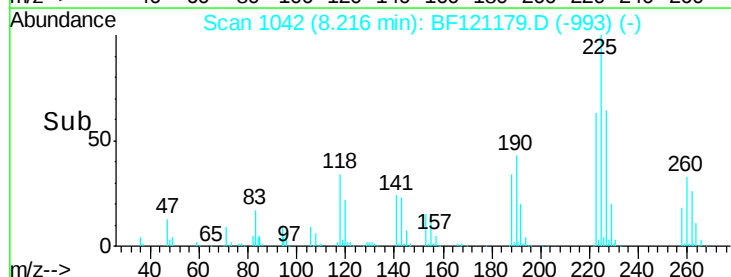
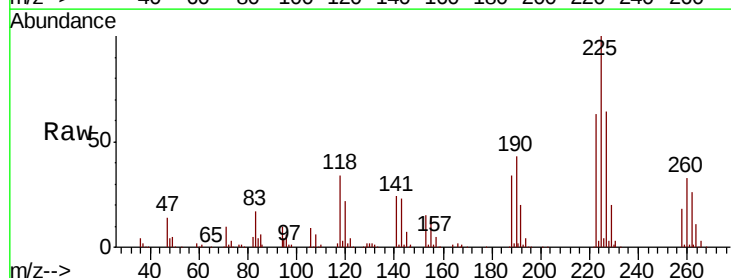
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	127	Resp:	353259
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	27.3	21.4	32.0
92	17.8	13.8	20.8



#34
Hexachlorobutadiene
Concen: 42.727 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:	225	Resp:	220270
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	63.9	51.4	77.0





#35

Caprolactam

Concen: 36.048 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

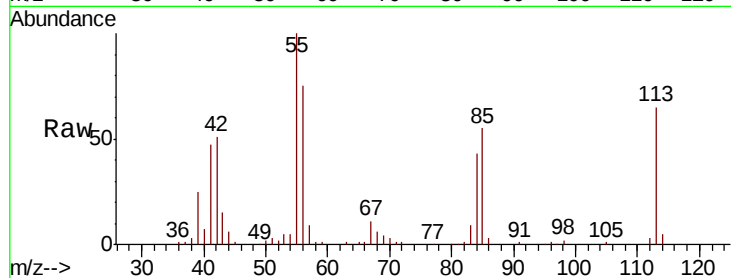
Tot Ion:113 Resp: 91119

Ion Ratio Lower Upper

113 100

55 154.0 131.0 171.0

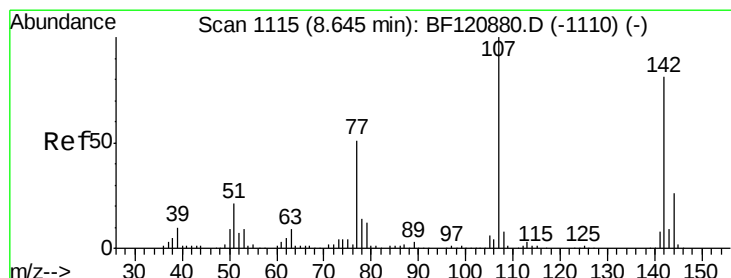
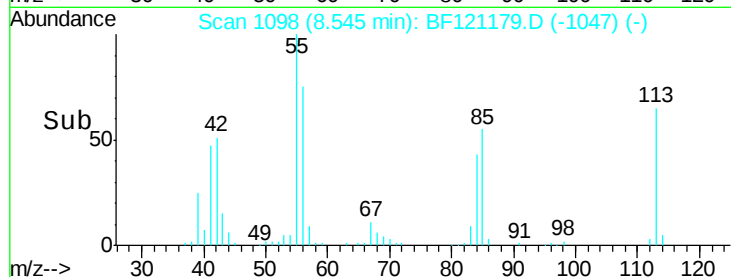
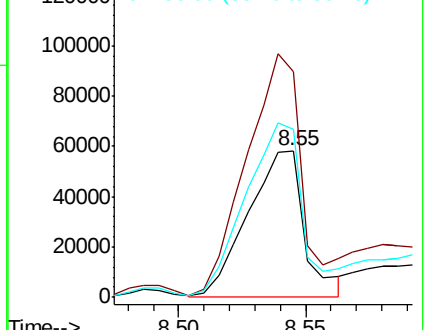
56 114.9 90.4 130.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.652 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

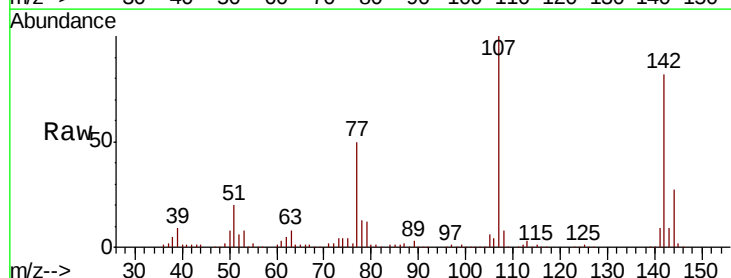
Tgt Ion:107 Resp: 393301

Ion Ratio Lower Upper

107 100

144 26.9 20.9 31.3

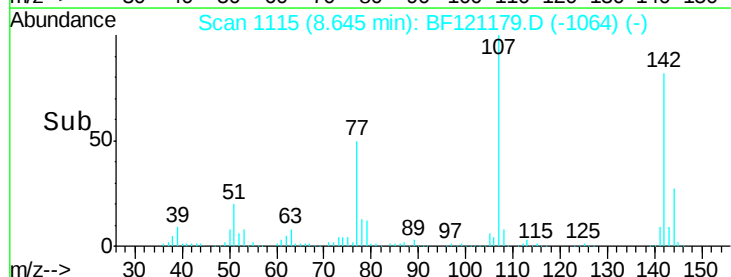
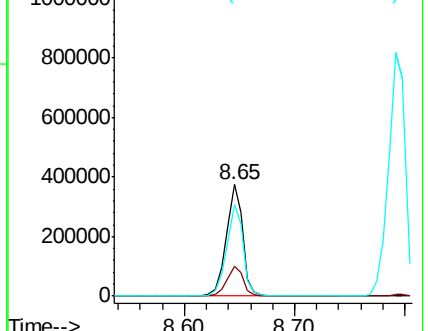
142 82.5 64.5 96.7

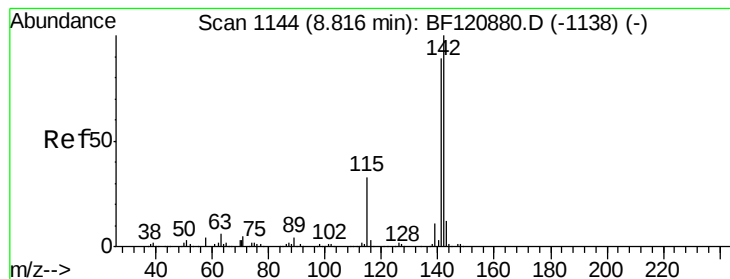


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.106 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

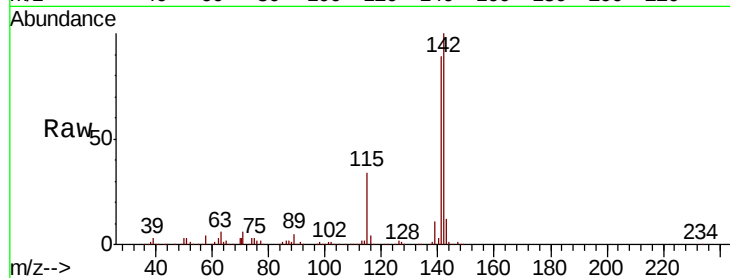
Tot Ion:142 Resp: 842575

Ion Ratio Lower Upper

142 100

141 88.7 70.6 105.8

115 33.8 27.1 40.7



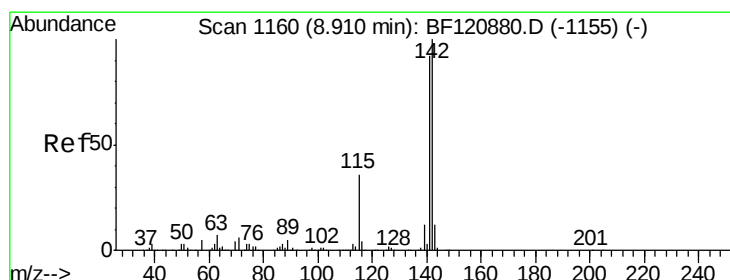
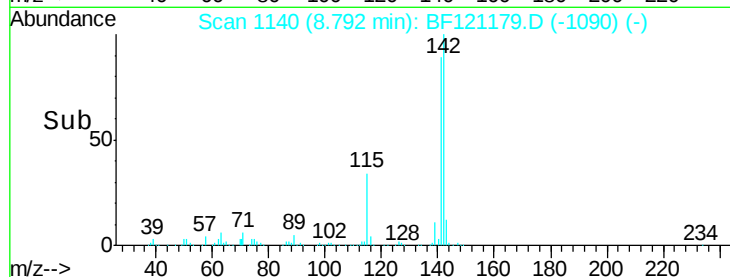
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.79

Time-->



#38

1-Methylnaphthalene

Concen: 47.080 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

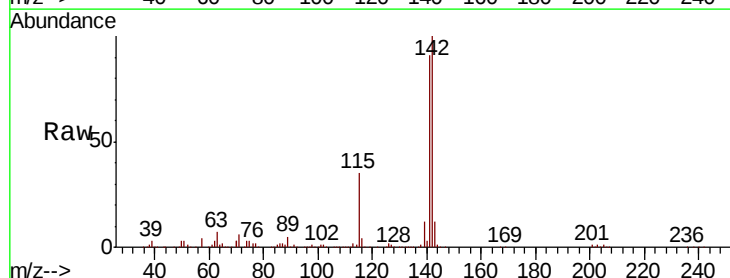
Tgt Ion:142 Resp: 797570

Ion Ratio Lower Upper

142 100

141 90.6 73.0 109.6

116 3.6 3.0 4.6



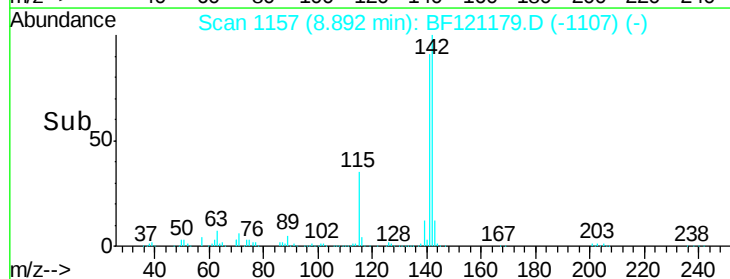
Abundance Ion 142.00 (141.70 to 142.70): E

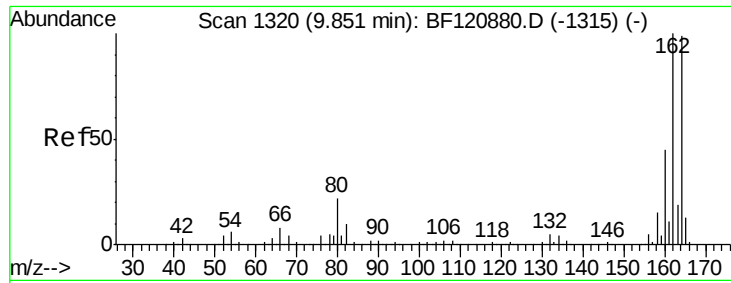
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.89

Time-->

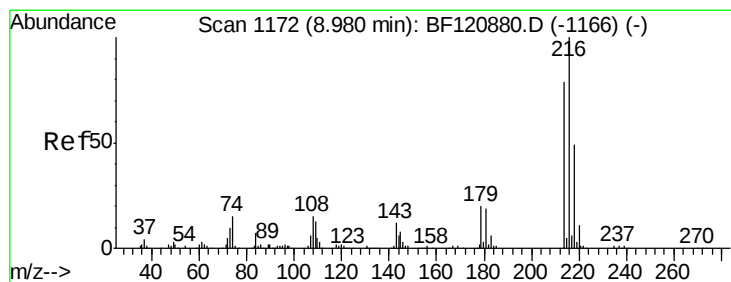
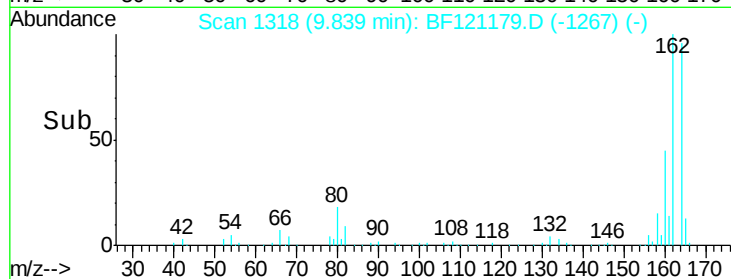
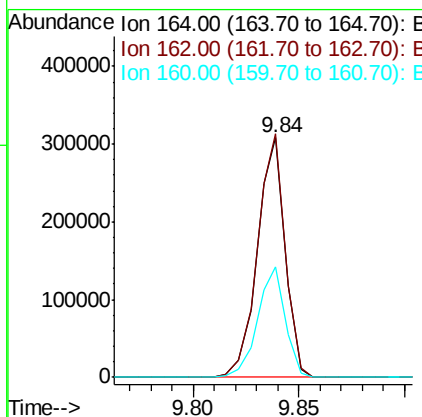
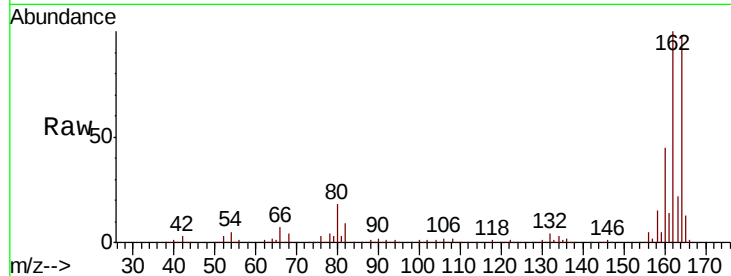




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

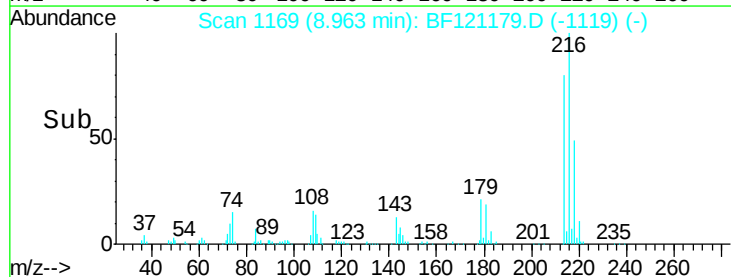
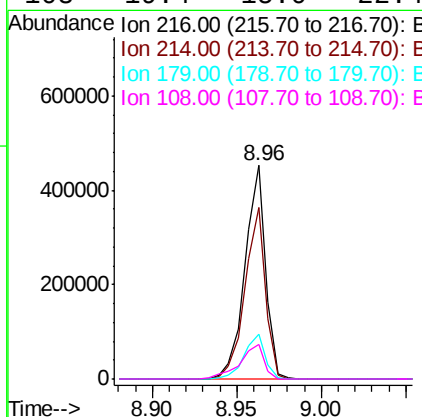
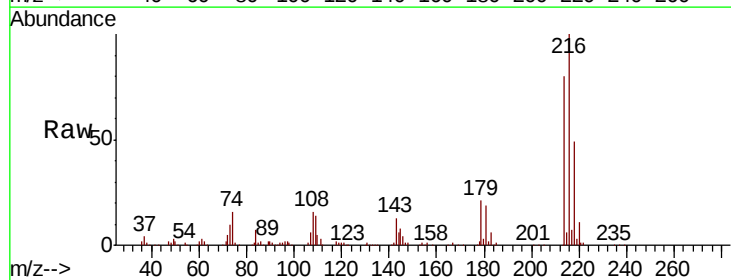
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

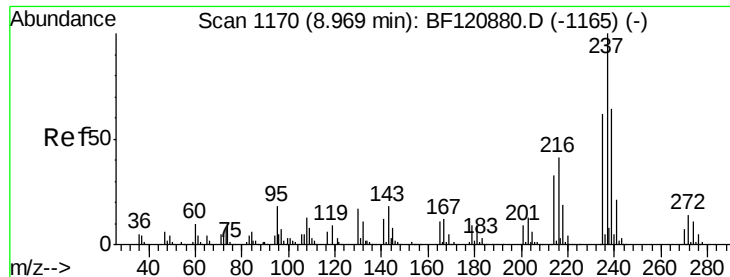
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	46.2	37.2	55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.077 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.9	95.9
179	20.7	16.6	24.8
108	19.4	15.0	22.4





#41

Hexachlorocyclopentadiene

Concen: 71.078 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

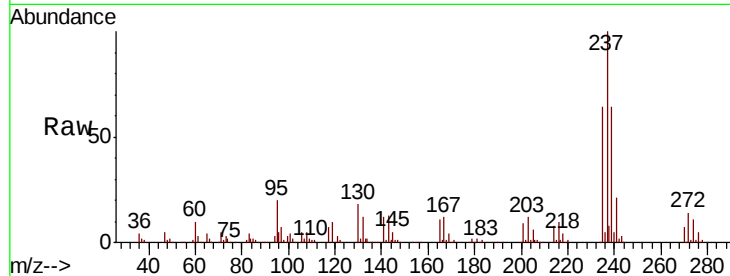
Tot Ion:237 Resp: 322354

Ion Ratio Lower Upper

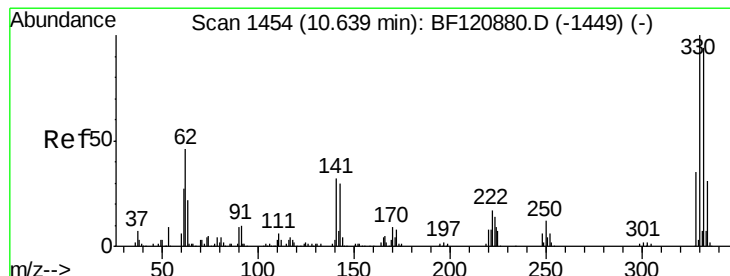
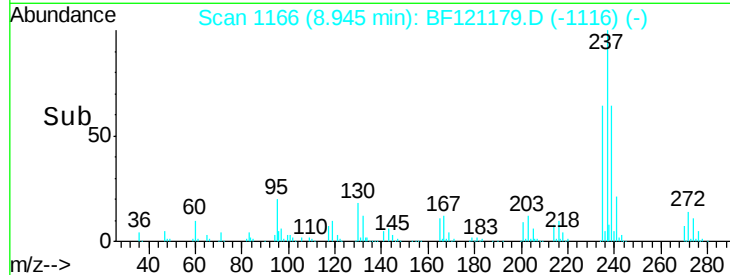
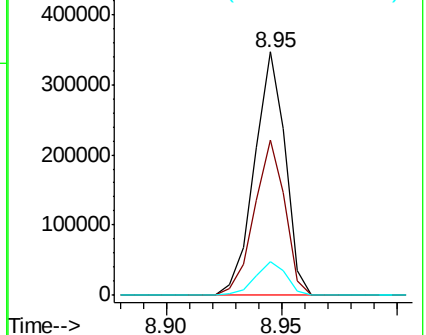
237 100

235 63.9 43.2 83.2

272 13.8 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 100.057 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

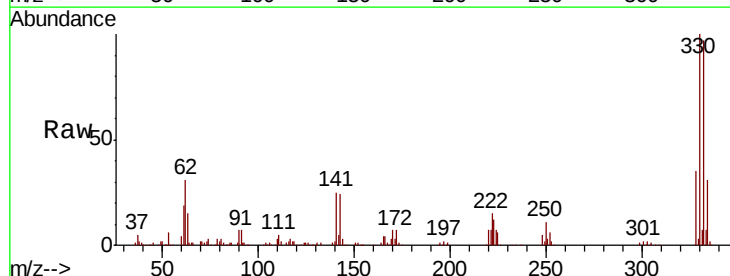
Tgt Ion:330 Resp: 308461

Ion Ratio Lower Upper

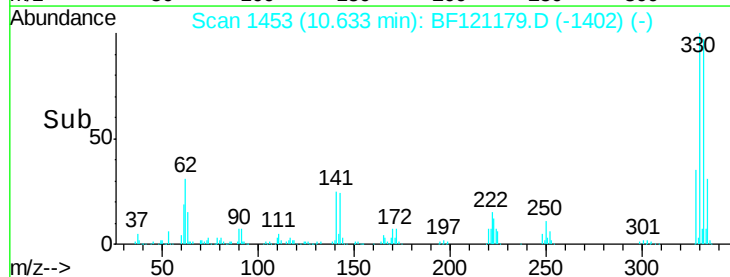
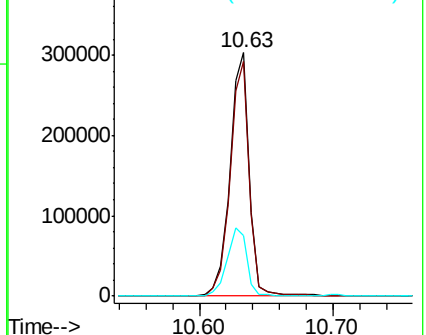
330 100

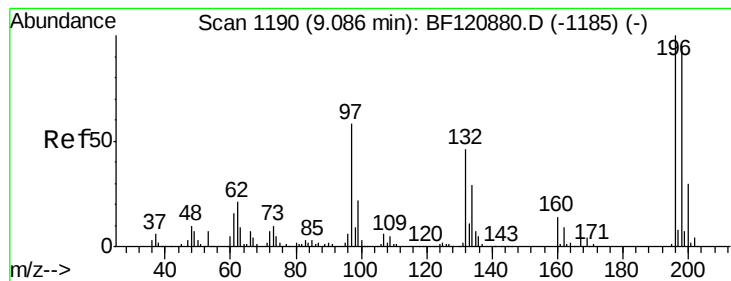
332 97.0 76.1 114.1

141 29.4 24.1 36.1



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





#43

2,4,6-Trichlorophenol

Concen: 47.514 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

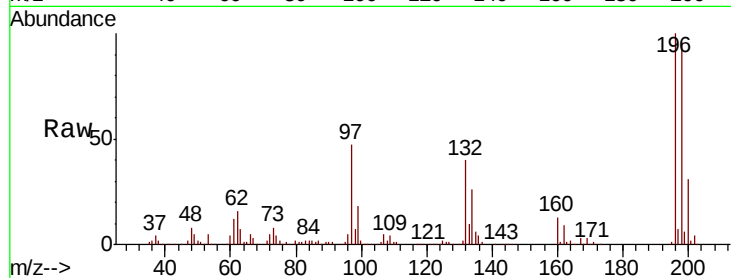
Tot Ion:196 Resp: 274519

Ion Ratio Lower Upper

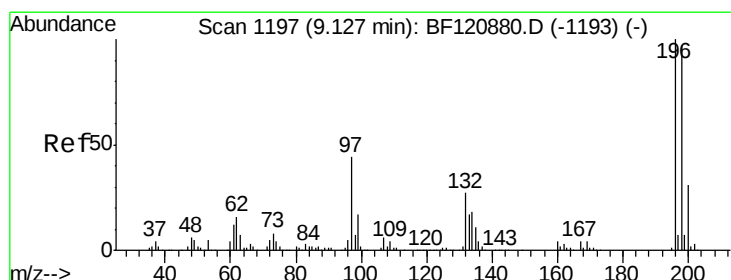
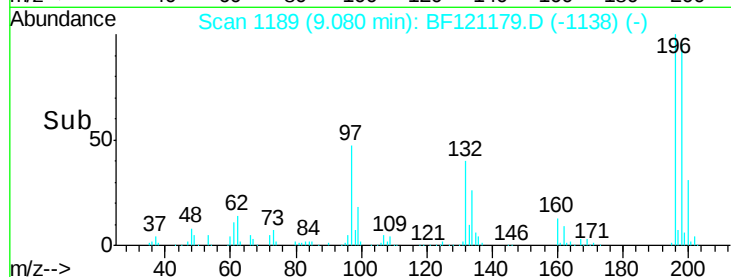
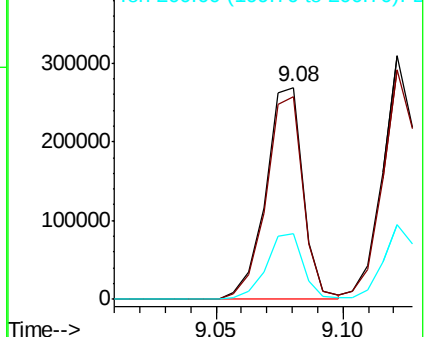
196 100

198 95.6 77.5 116.3

200 31.2 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.875 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Tgt Ion:196 Resp: 294099

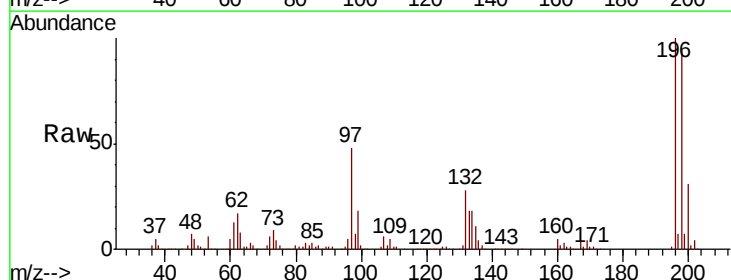
Ion Ratio Lower Upper

196 100

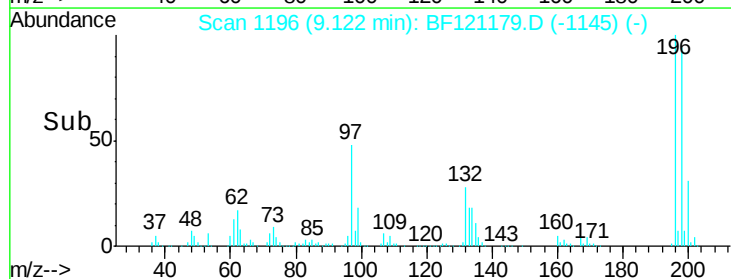
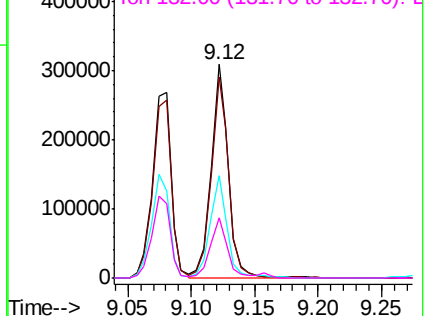
198 94.4 76.2 114.4

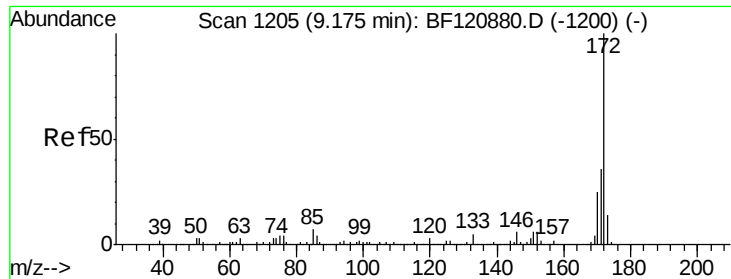
97 47.9 37.3 55.9

132 28.0 22.0 33.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

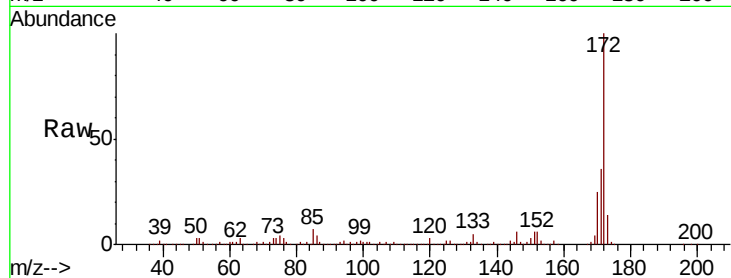




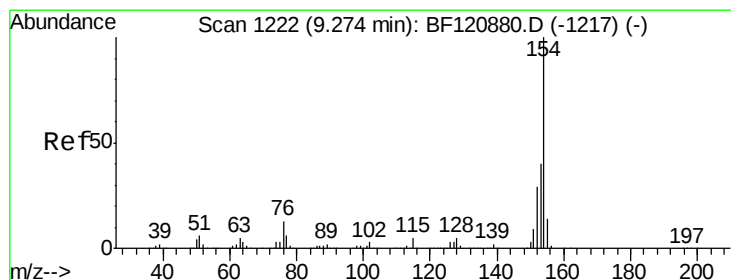
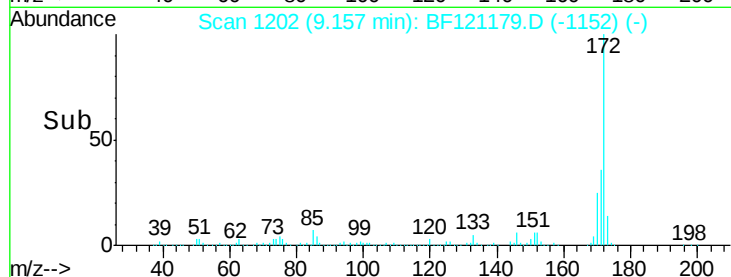
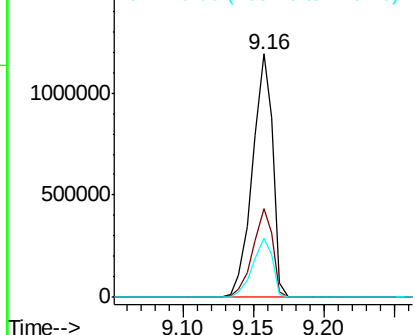
#45
2-Fluorobiphenyl
Concen: 64.009 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:172 Resp: 1207446
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.6 19.6 29.4

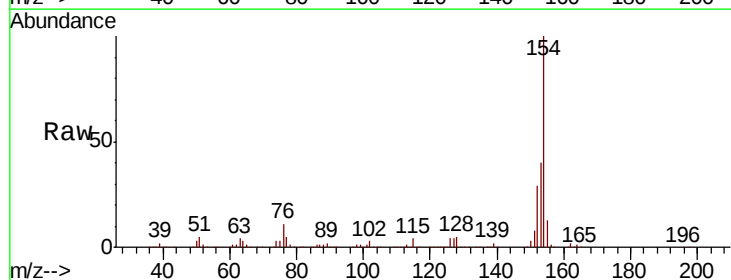


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

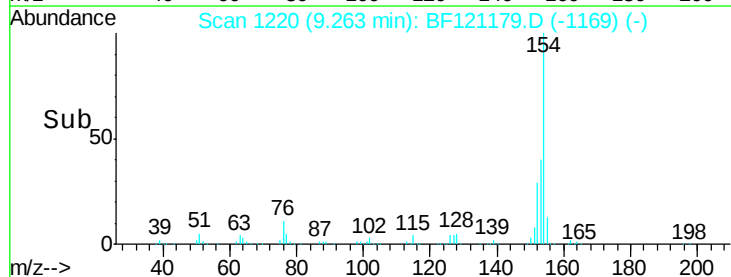
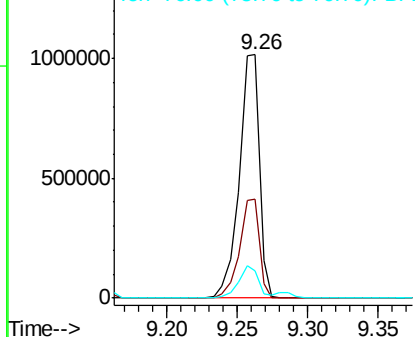


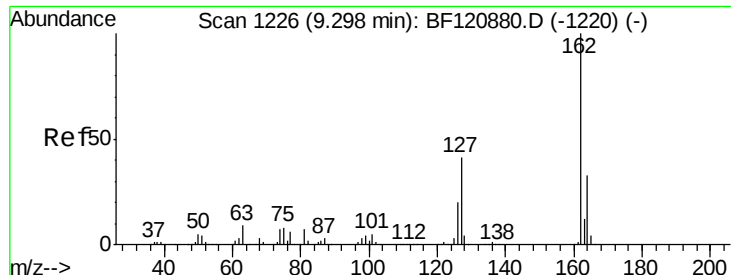
#46
1,1'-Biphenyl
Concen: 46.846 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:154 Resp: 1006427
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 11.3 0.0 33.4



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

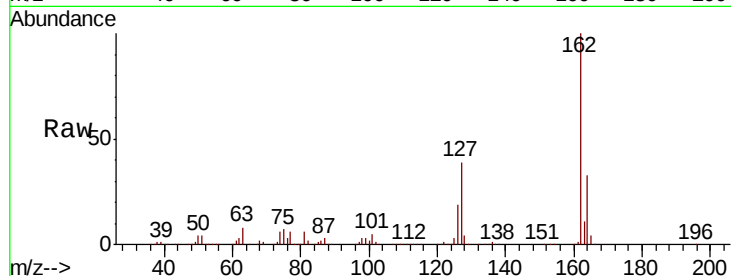




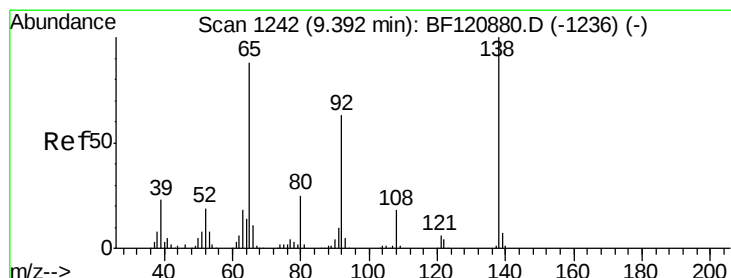
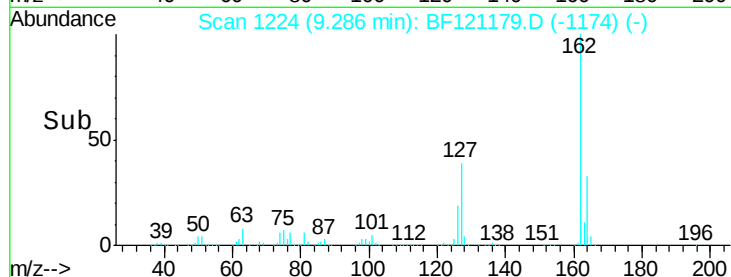
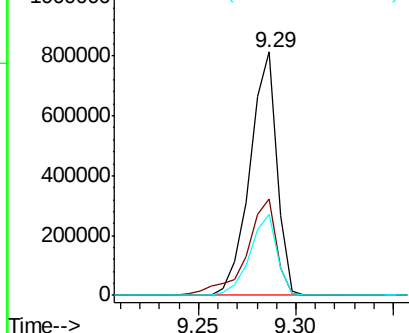
#47
2-Chloronaphthalene
Concen: 44.639 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.1	46.7
164	33.4	26.6	40.0

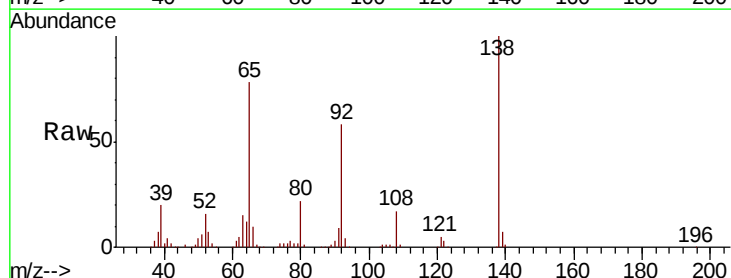


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

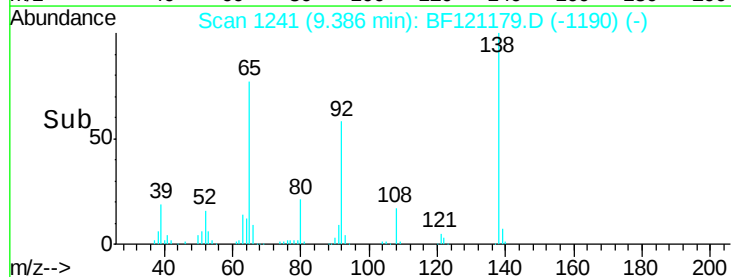
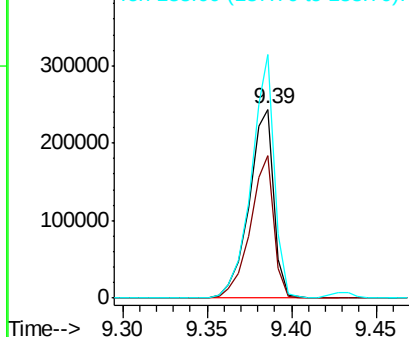


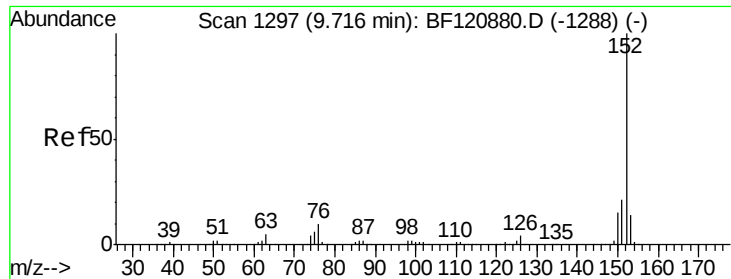
#48
2-Nitroaniline
Concen: 47.237 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	58.0	87.0
138	129.0	93.3	139.9



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.103 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

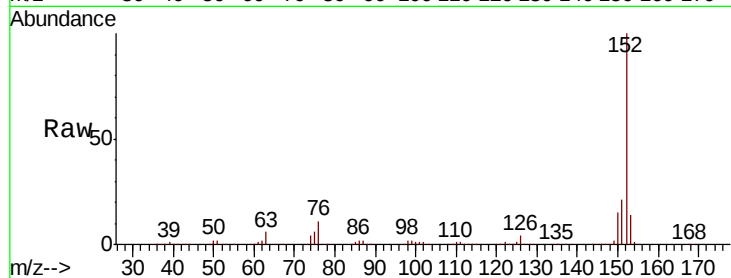
Tot Ion:152 Resp: 1254519

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

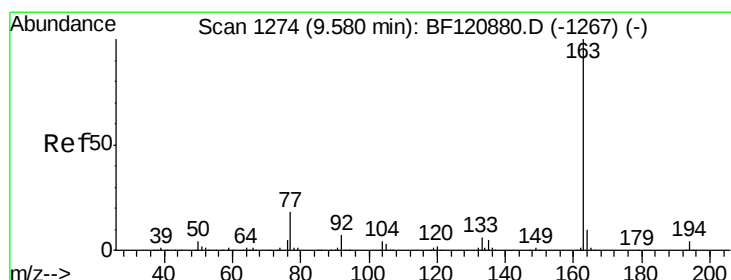
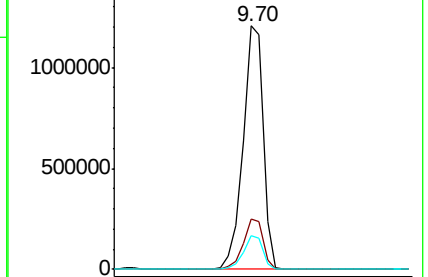
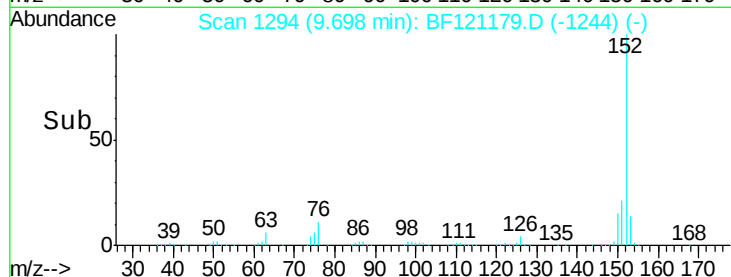
153 13.7 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.934 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

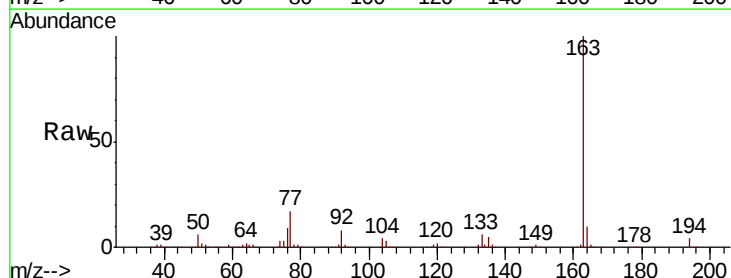
Tgt Ion:163 Resp: 1075554

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

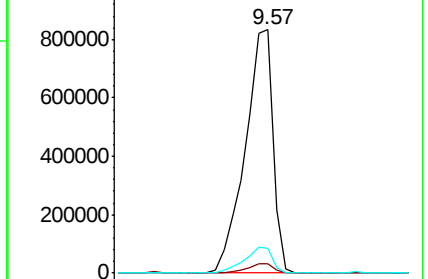
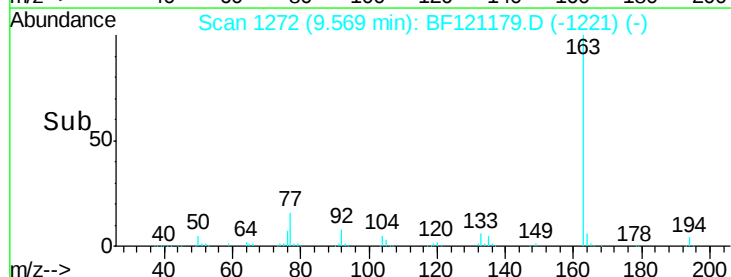
164 10.0 8.4 12.6

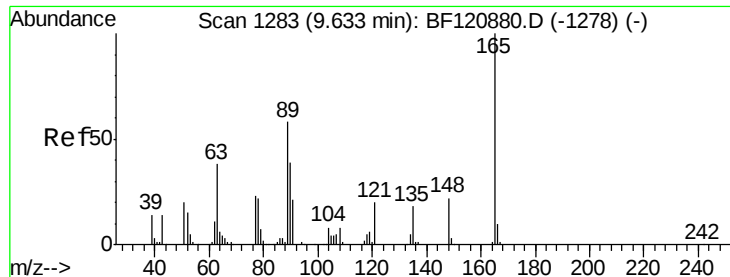


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.143 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

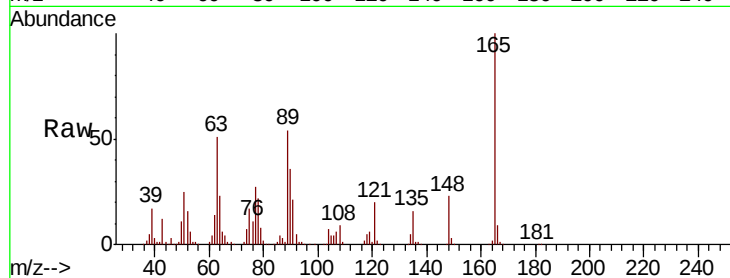
Tot Ion:165 Resp: 214525

Ion Ratio Lower Upper

165 100

63 51.4 41.1 61.7

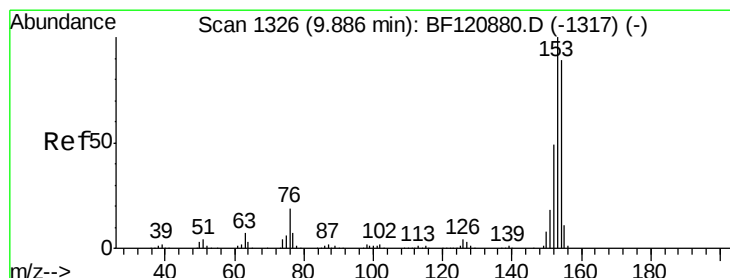
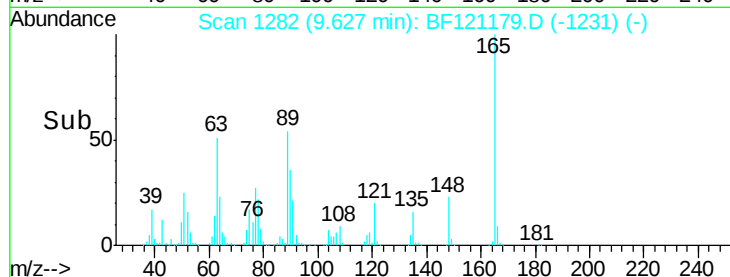
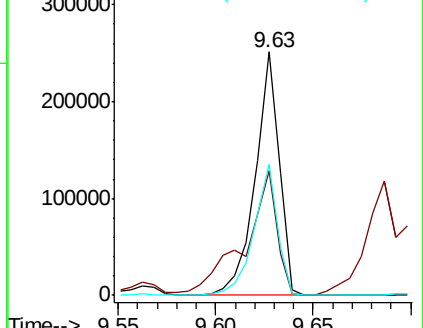
89 53.7 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.824 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

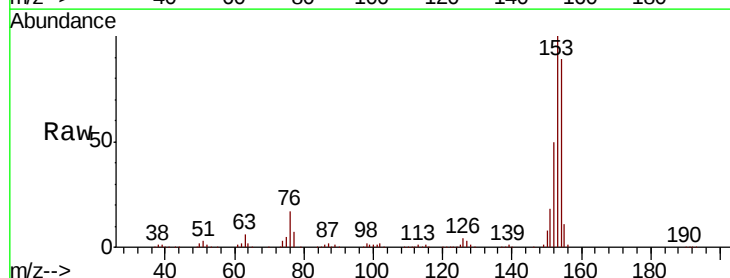
Tgt Ion:154 Resp: 723565

Ion Ratio Lower Upper

154 100

153 111.8 89.6 134.4

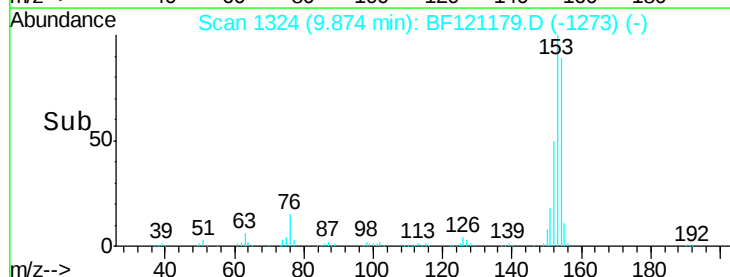
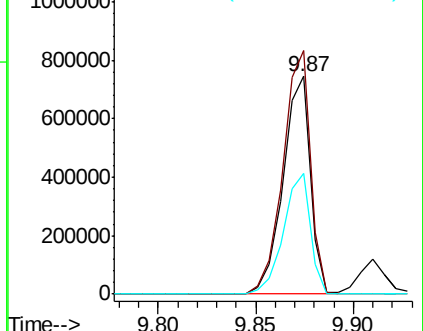
152 55.5 43.8 65.6

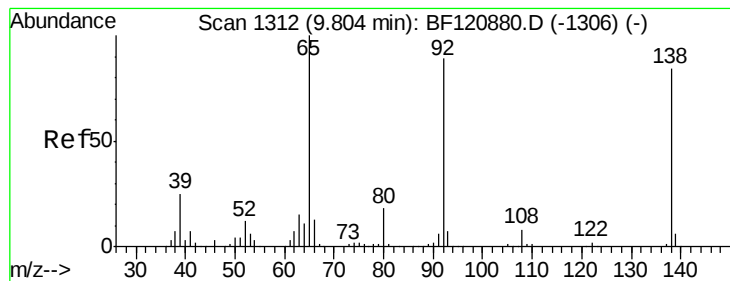


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.384 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

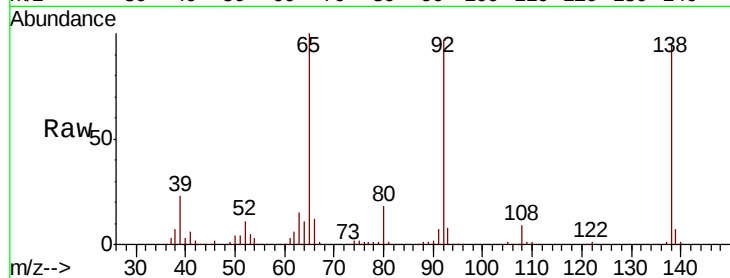
Tot Ion:138 Resp: 160874

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.8

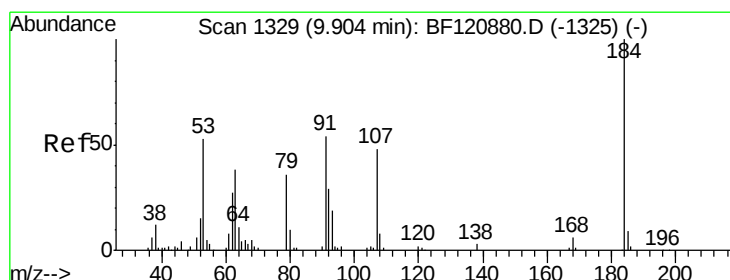
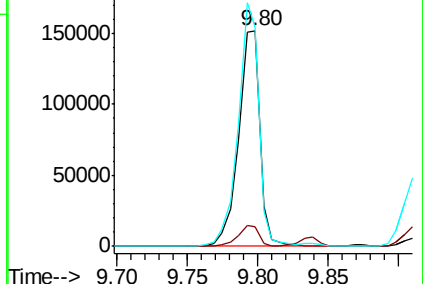
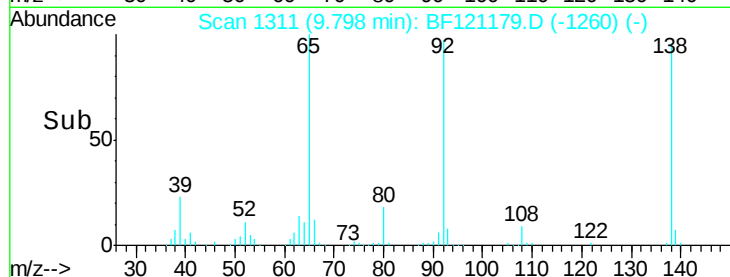
92 101.8 85.0 127.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 80.950 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

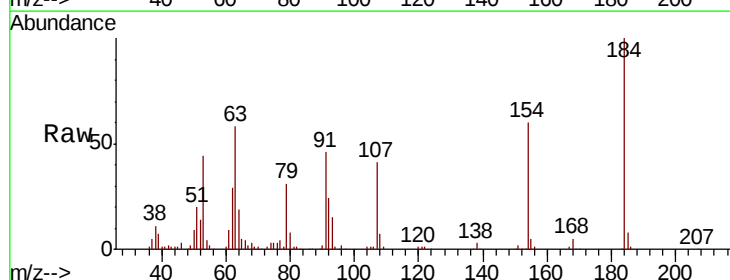
Tgt Ion:184 Resp: 203623

Ion Ratio Lower Upper

184 100

63 57.7 42.5 63.7

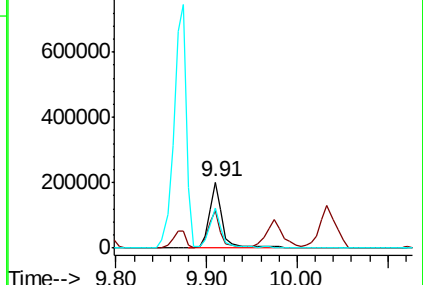
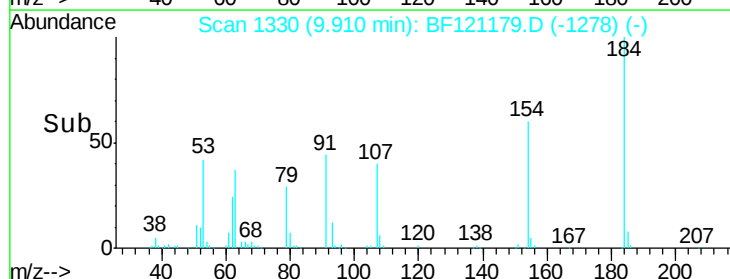
154 60.0 46.8 70.2

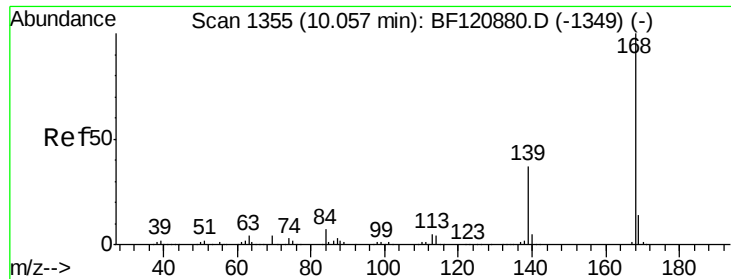


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

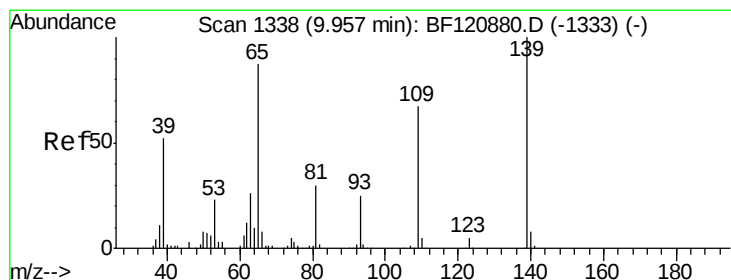
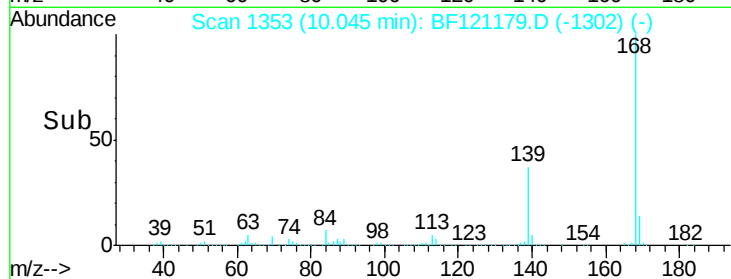
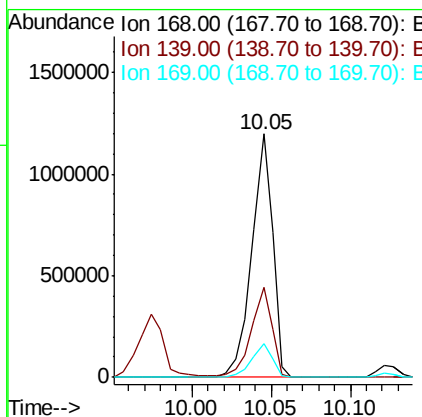
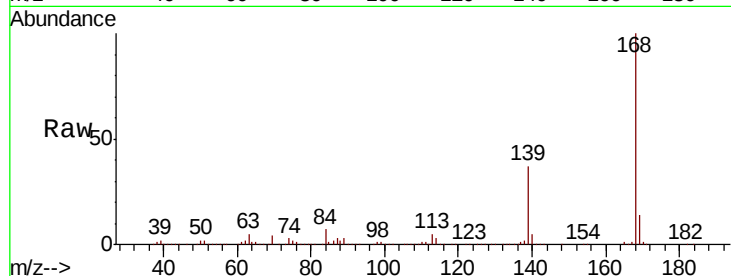




#55
Dibenzenofuran
Concen: 43.650 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

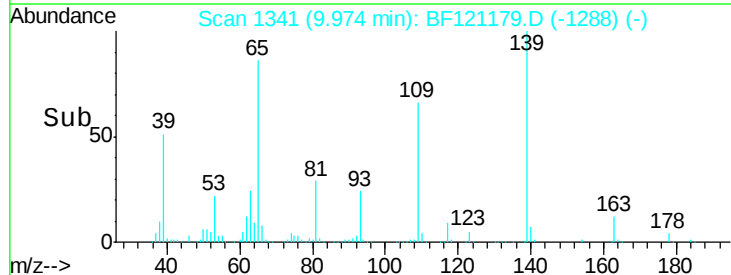
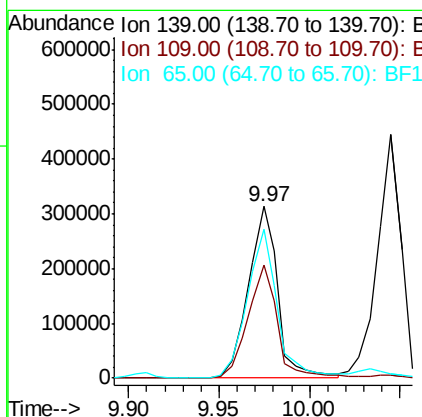
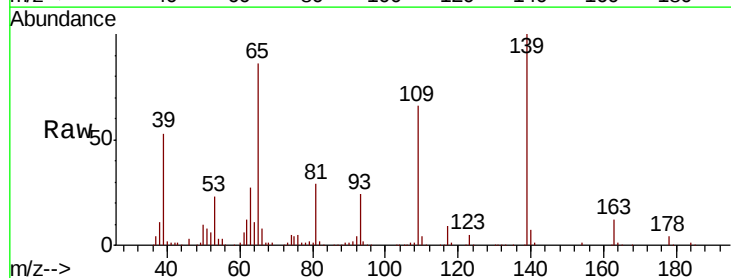
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

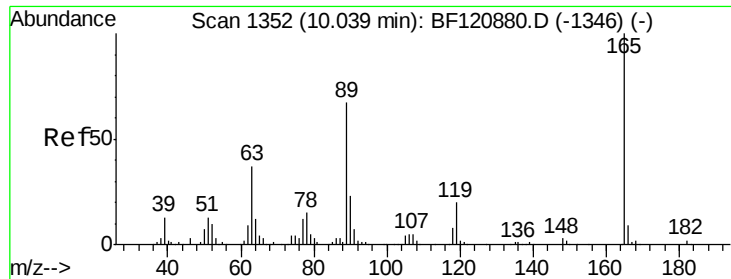
Tot Ion:168 Resp: 1092005
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 85.104 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:139 Resp: 353936
Ion Ratio Lower Upper
139 100
109 66.0 44.8 84.8
65 86.4 65.6 105.6

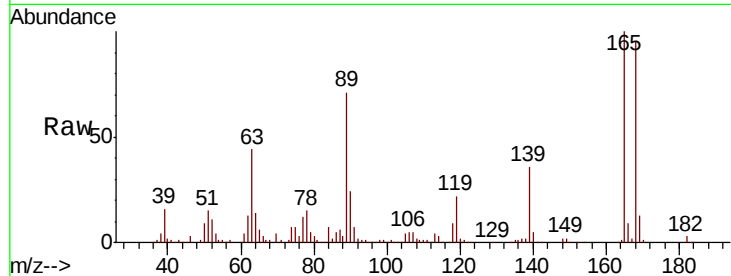




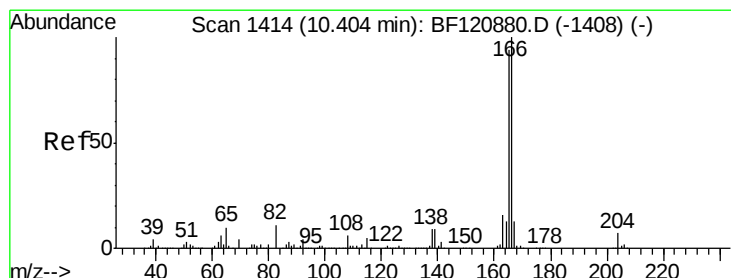
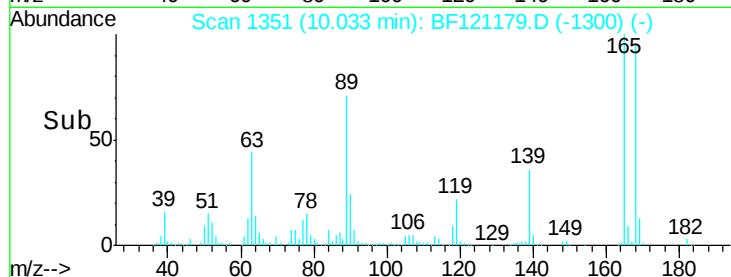
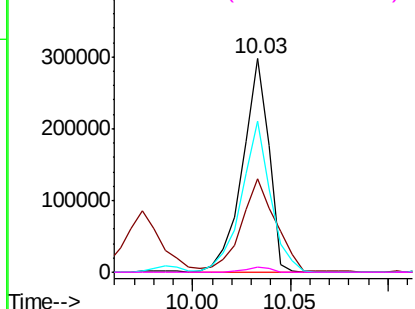
#57
2,4-Dinitrotoluene
Concen: 48.450 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:165	Resp:	277741
Ion Ratio	Lower	Upper
165	100	
63	43.6	29.8 44.8
89	71.0	50.3 75.5
182	2.6	2.1 3.1

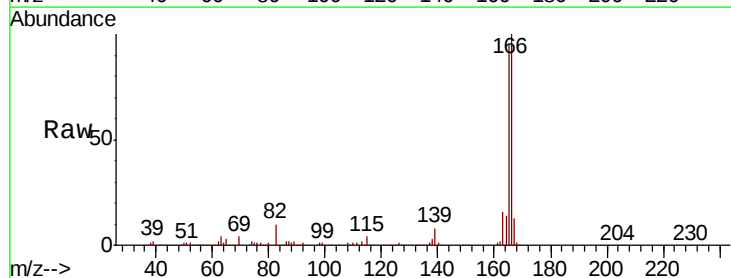


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

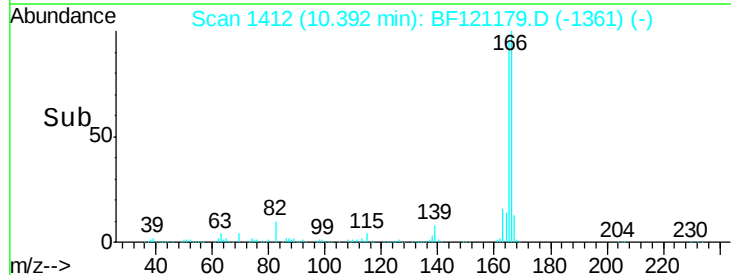
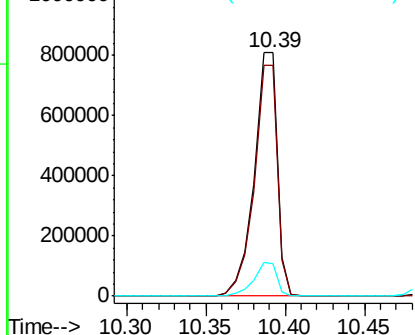


#58
Fluorene
Concen: 44.152 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:166	Resp:	823819
Ion Ratio	Lower	Upper
166	100	
165	95.1	76.4 114.6
167	13.4	10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

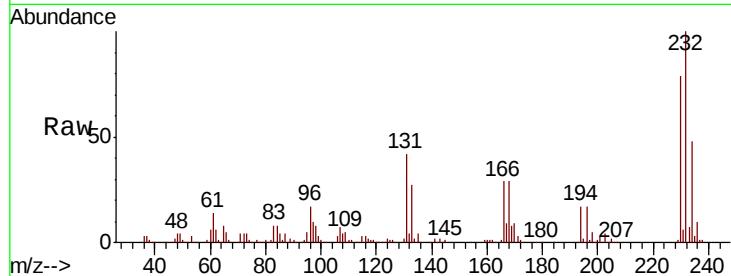




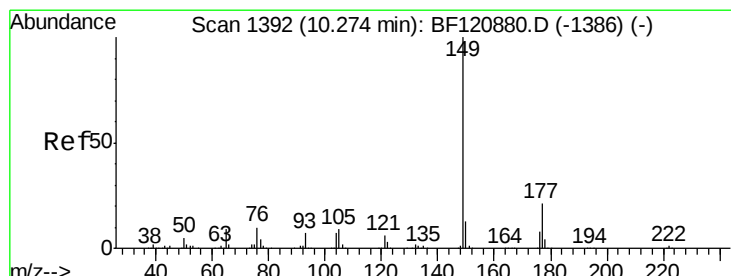
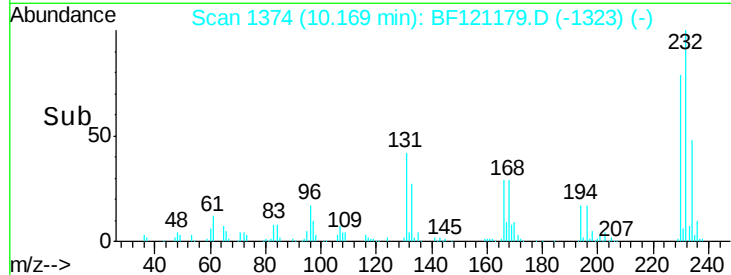
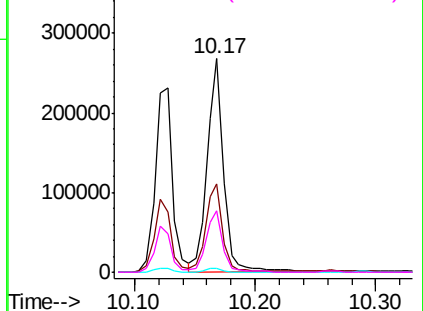
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.876 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	232	Resp:	248876
Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.2	51.2
130	2.1	1.7	2.5
166	28.7	23.1	34.7

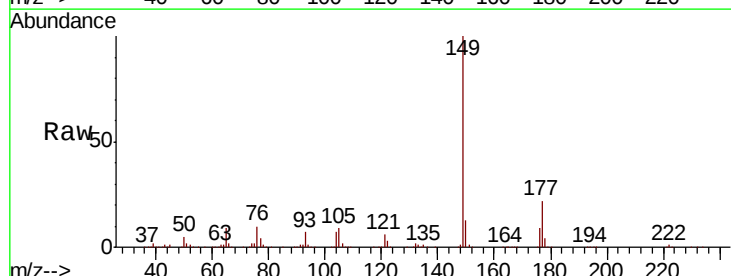


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

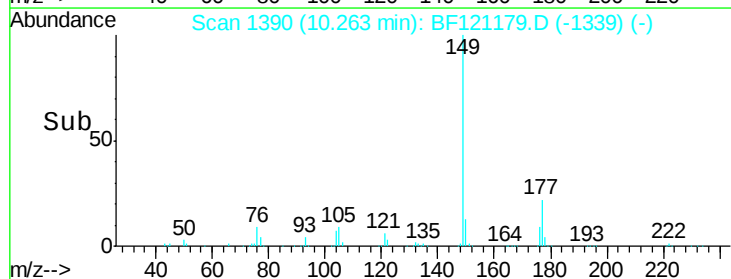
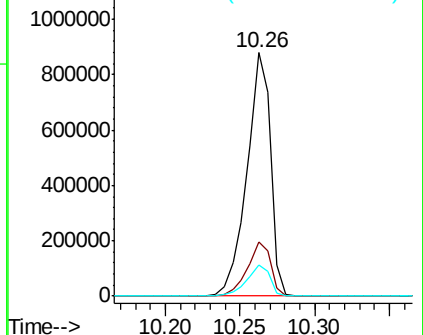


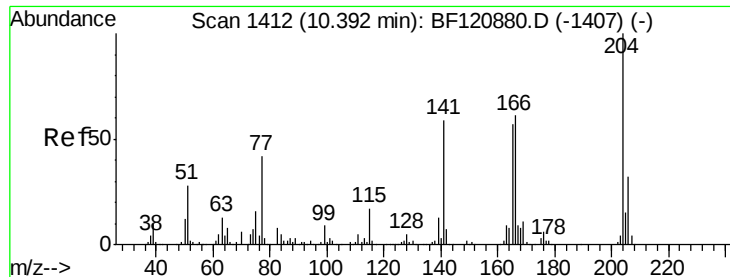
#60
Diethylphthalate
Concen: 46.356 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:	149	Resp:	952705
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.8	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

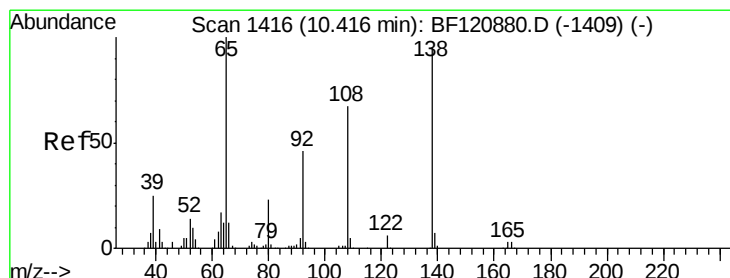
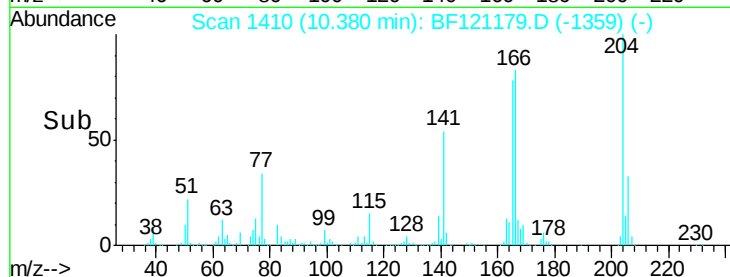
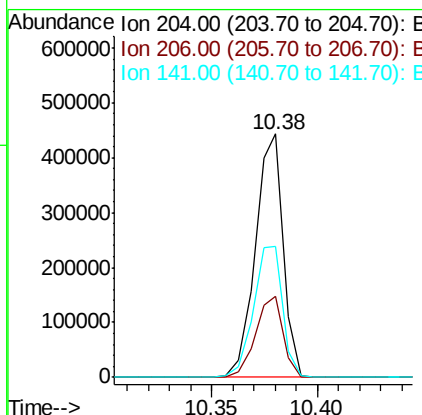
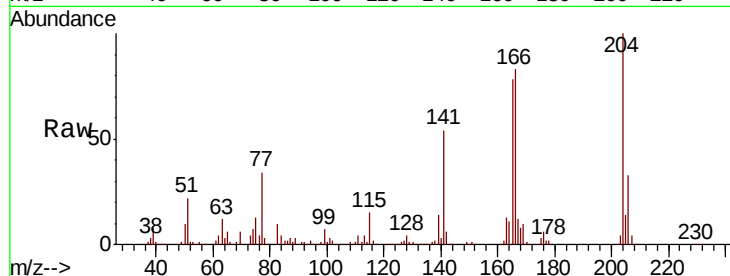




#61
 4-Chlorophenyl-phenylether
 Concen: 40.730 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

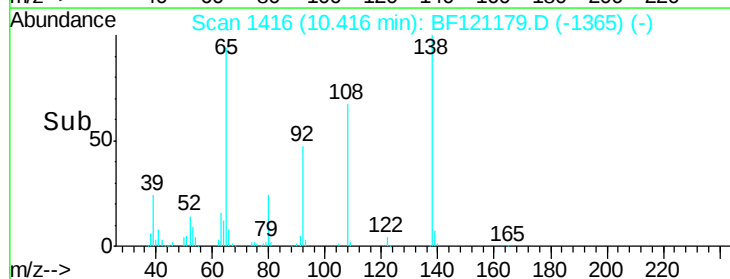
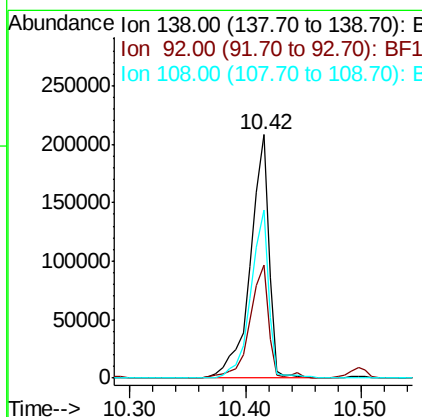
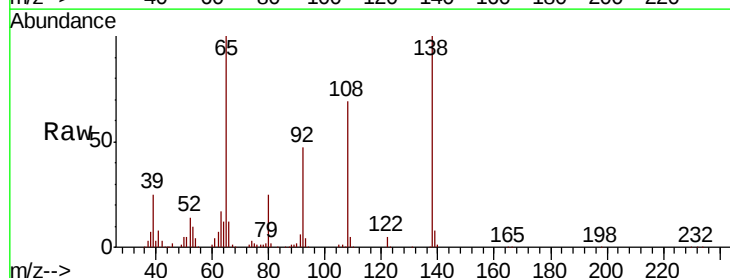
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

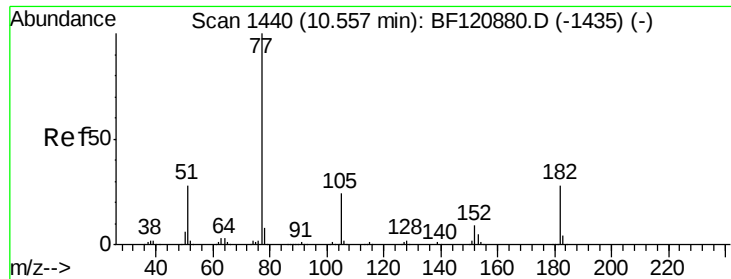
Tot Ion:	204	Resp:	405347
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.0	39.0
141	53.7	46.9	70.3



#62
 4-Nitroaniline
 Concen: 43.892 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion:	138	Resp:	234081
Ion	Ratio	Lower	Upper
138	100		
92	46.6	25.2	65.2
108	69.2	46.7	86.7





#63

Azobenzene

Concen: 44.725 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion: 77 Resp: 875087

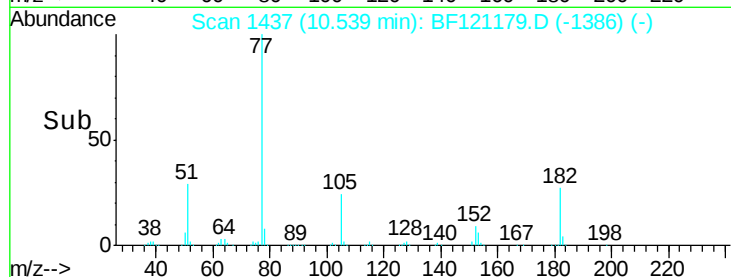
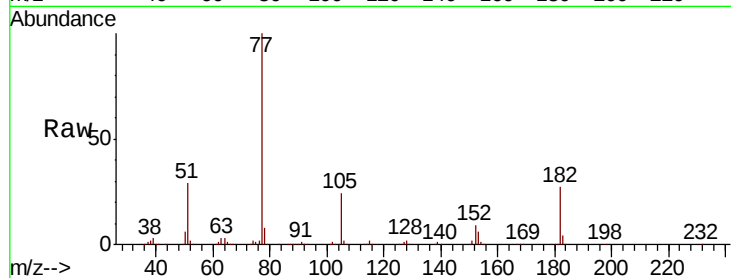
Ion Ratio Lower Upper

77 100

182 26.9 4.5 44.5

105 24.0 3.4 43.4

51 28.6 8.7 48.7

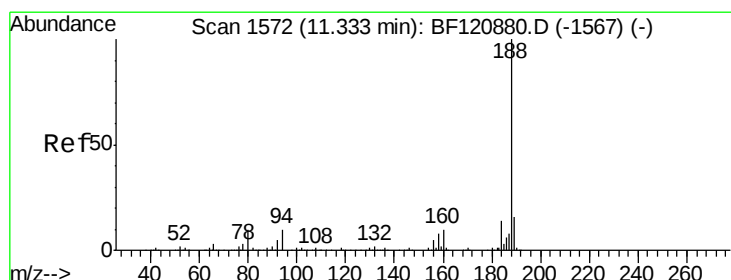
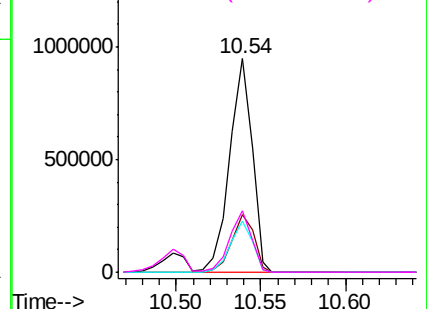


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

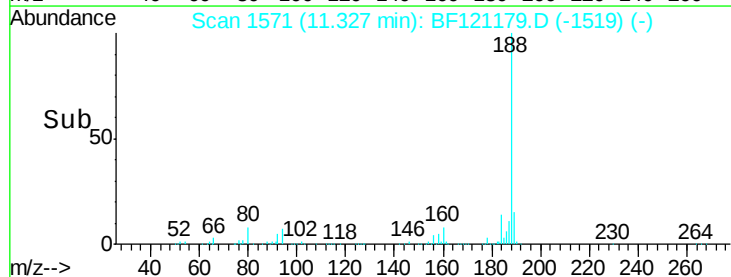
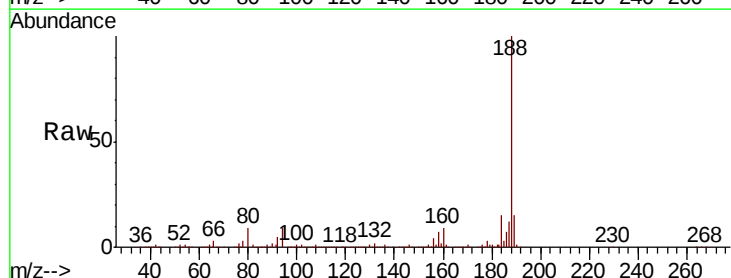
Tgt Ion: 188 Resp: 542195

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

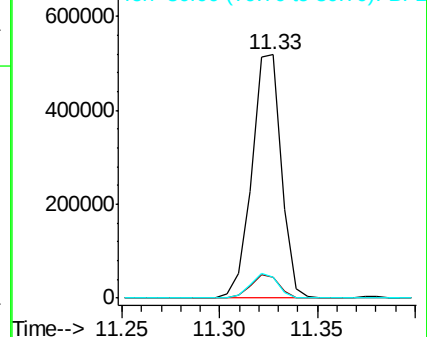
80 8.5 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

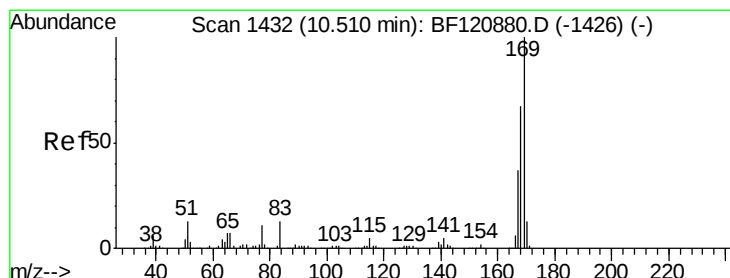
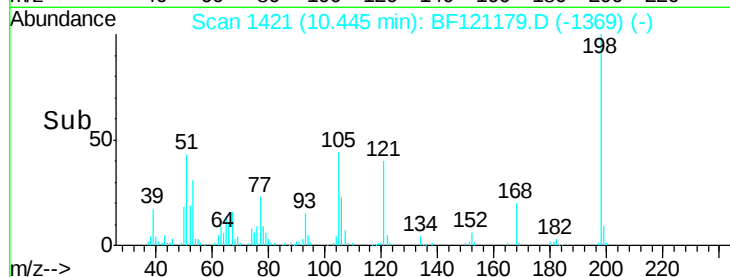
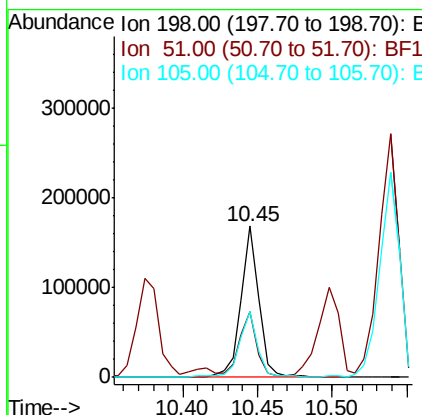
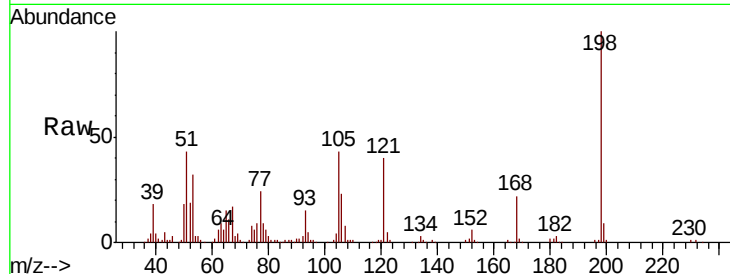




#65
4,6-Dinitro-2-methylphenol
Concen: 45.489 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

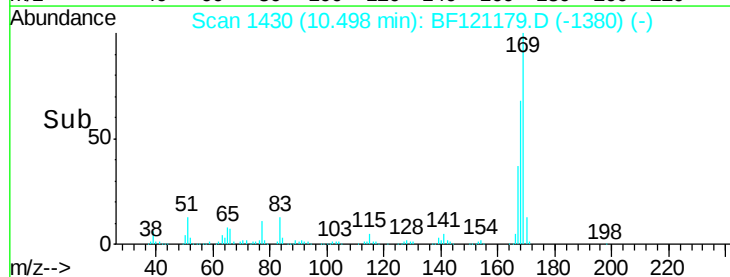
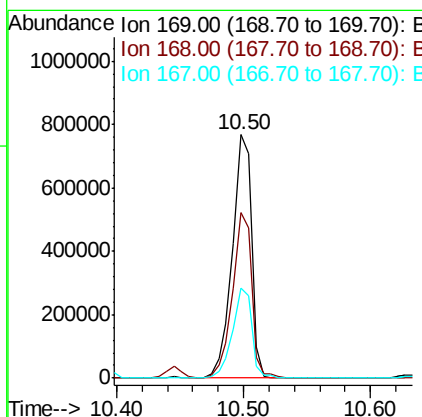
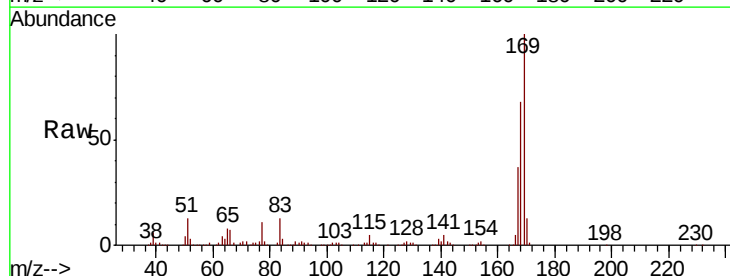
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

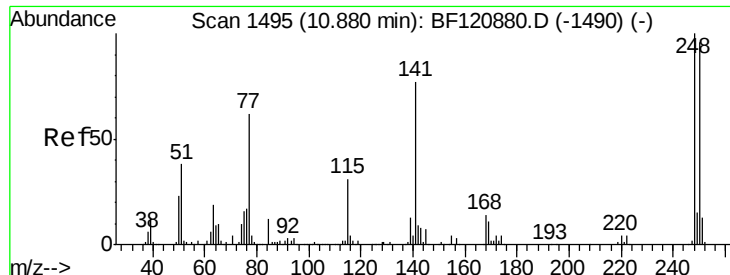
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.1	23.4	63.4
105	43.5	23.7	63.7



#66
n-Nitrosodiphenylamine
Concen: 46.821 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.7	80.5
167	37.2	30.0	45.0

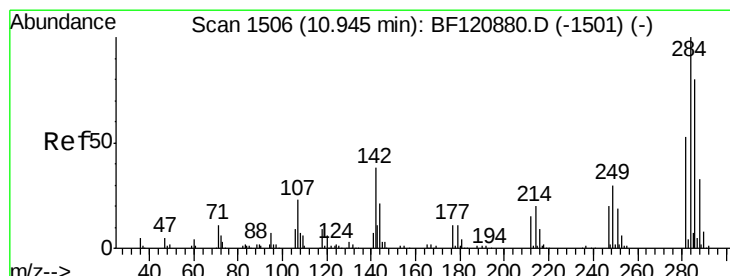
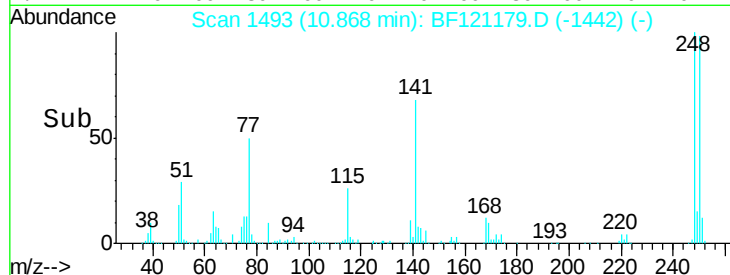
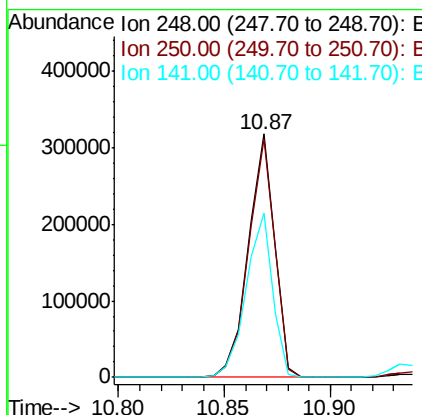
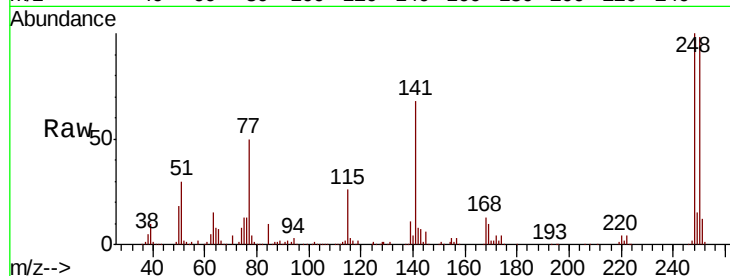




#67
 4-Bromophenyl-phenylether
 Concen: 45.739 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

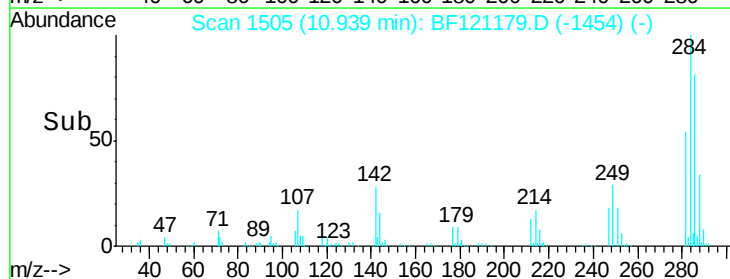
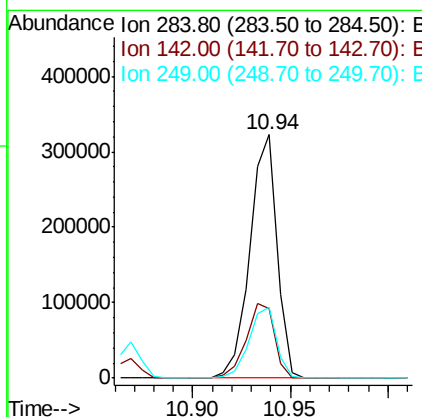
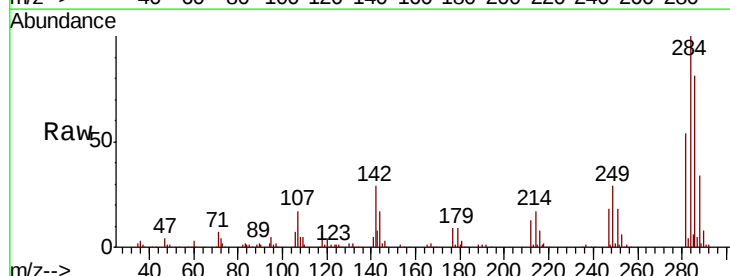
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

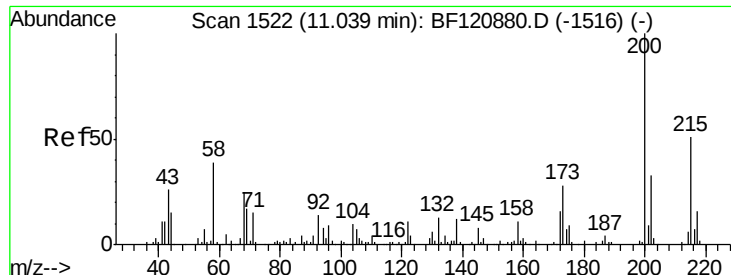
Tot Ion:248	Resp:	276496
Ion Ratio	Lower	Upper
248	100	
250	98.1	77.0 115.6
141	67.6	56.6 85.0



#68
 Hexachlorobenzene
 Concen: 47.448 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion:284	Resp:	310267
Ion Ratio	Lower	Upper
284	100	
142	28.7	21.1 31.7
249	29.1	22.5 33.7

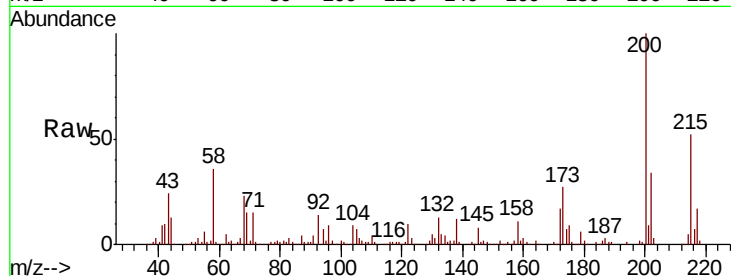




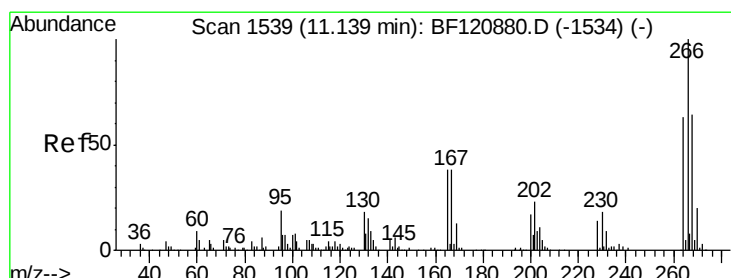
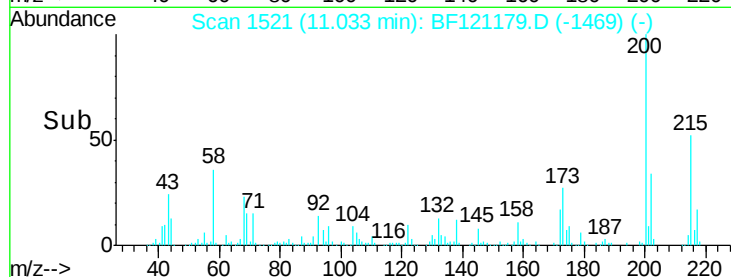
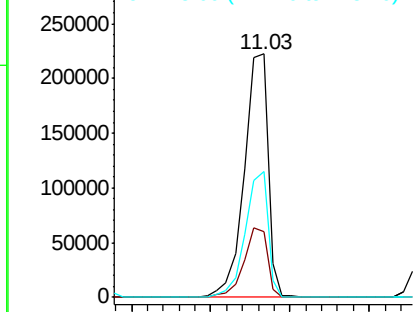
#69
 Atrazine
 Concen: 54.772 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.6	47.6
215	51.9	28.8	68.8

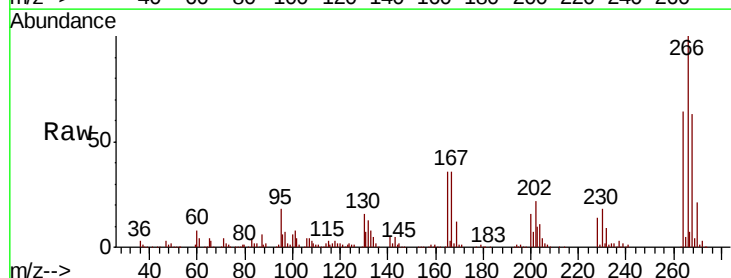


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

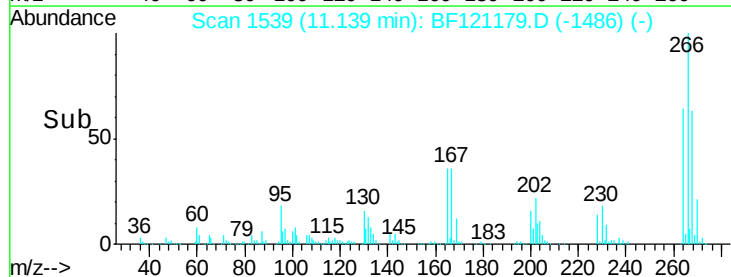
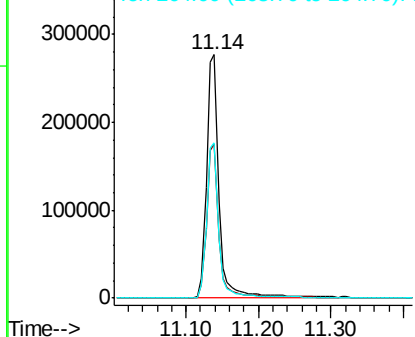


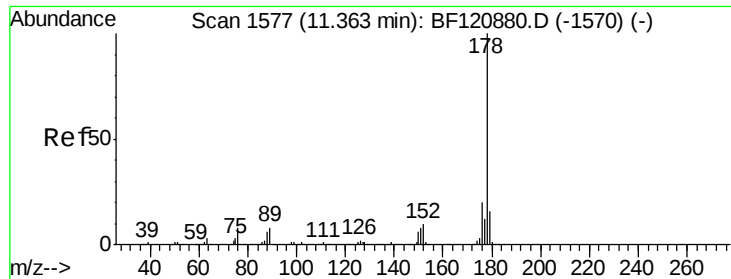
#70
 Pentachlorophenol
 Concen: 89.541 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.7	74.5
264	64.0	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

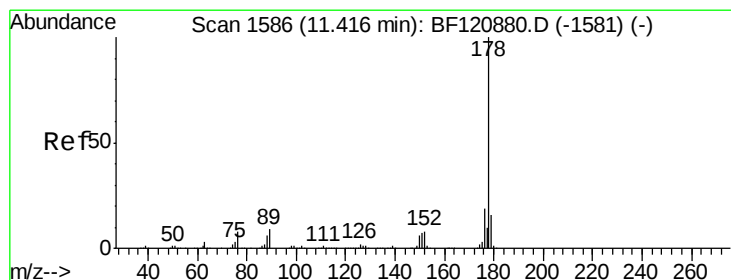
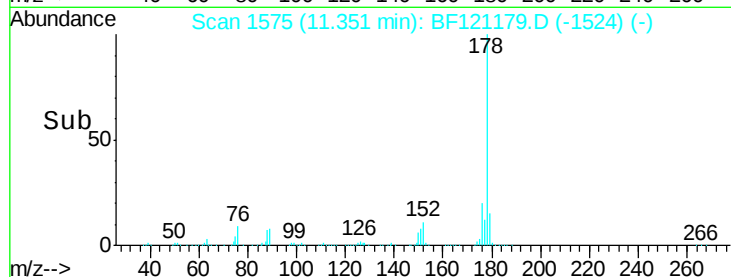
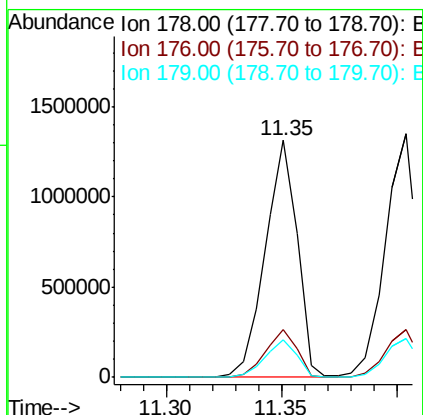
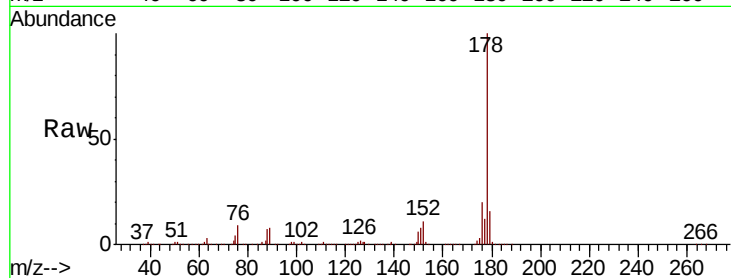




#71
Phenanthrene
Concen: 45.364 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

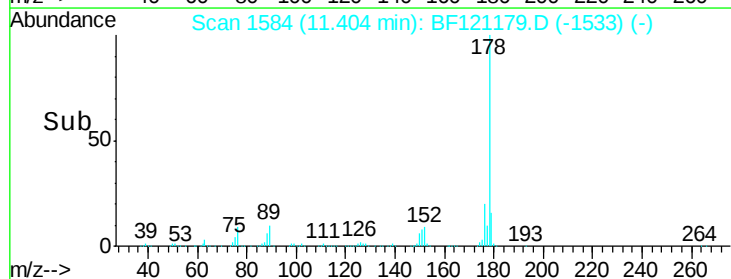
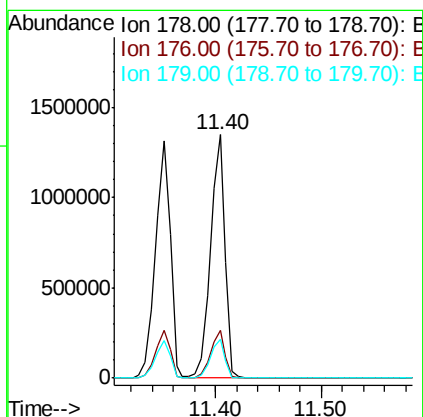
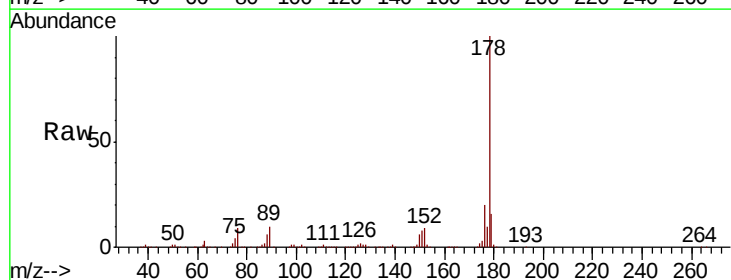
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

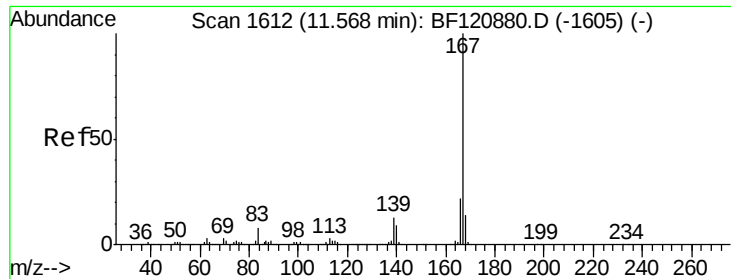
Tot Ion:178 Resp: 1264988
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.9 12.6 19.0



#72
Anthracene
Concen: 46.474 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:178 Resp: 1301300
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.2 12.6 19.0

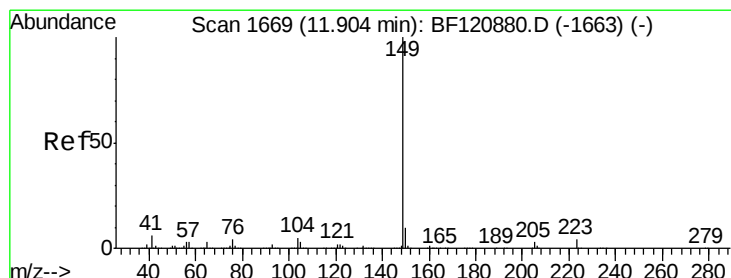
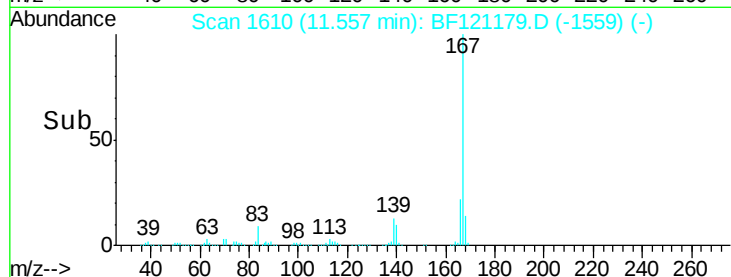
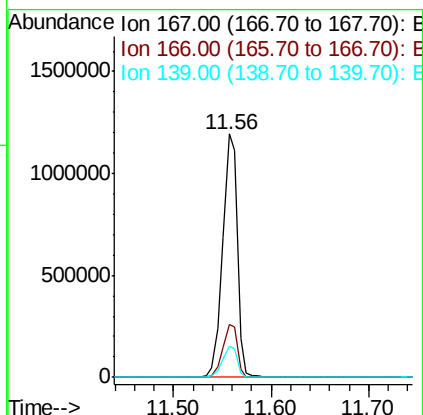
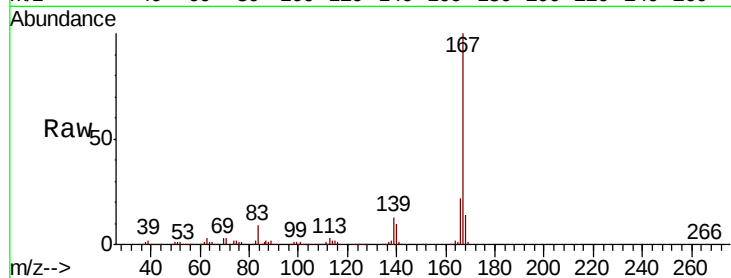




#73
 Carbazole
 Concen: 44.972 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

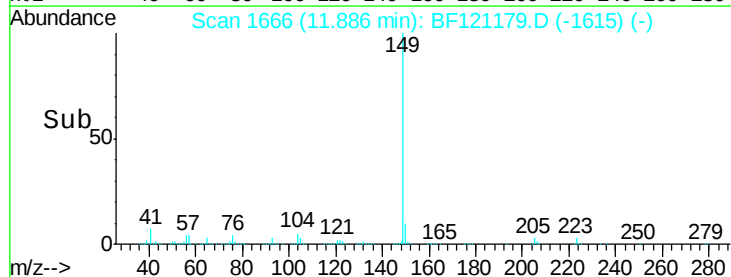
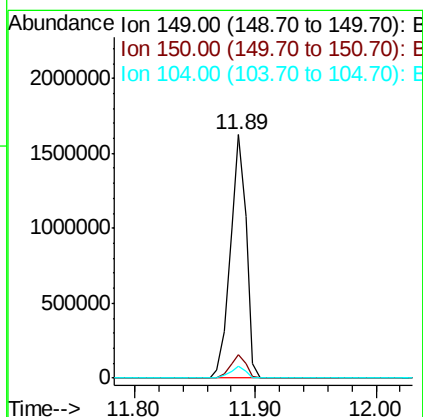
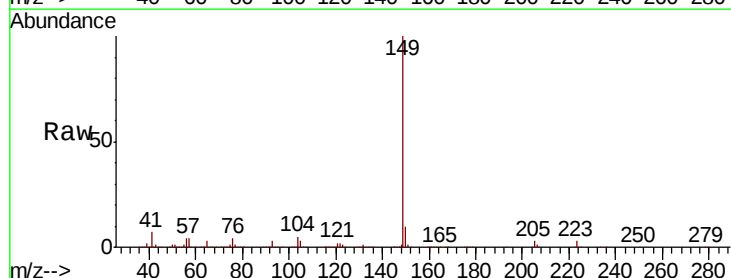
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

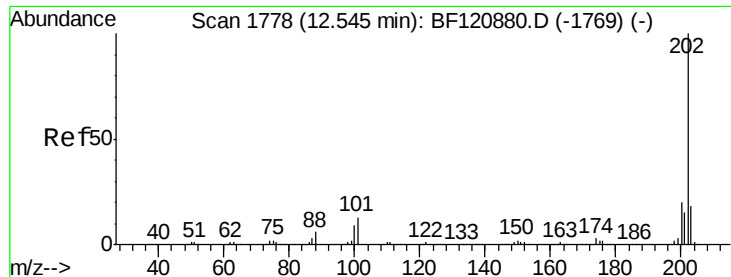
Tot Ion:167 Resp: 1249676
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.084 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion:149 Resp: 1477801
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.9 3.9 5.9

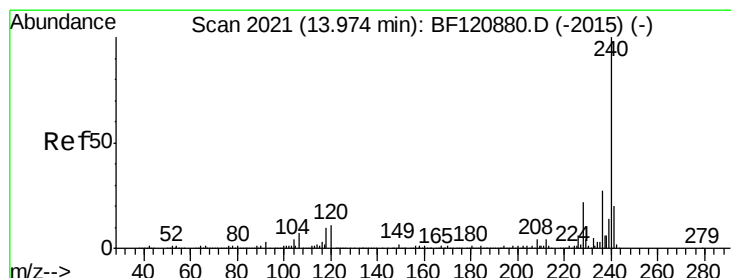
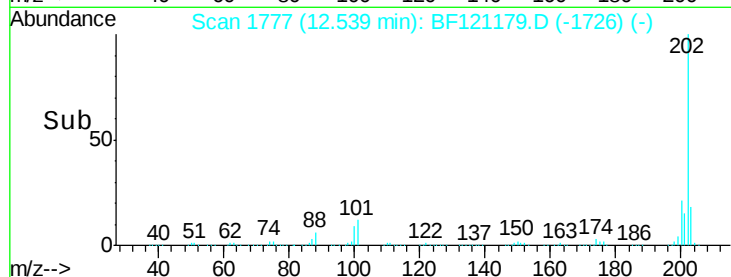
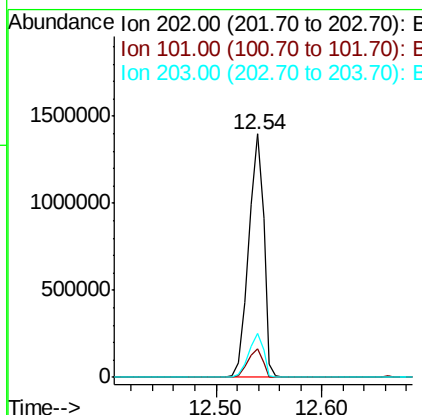
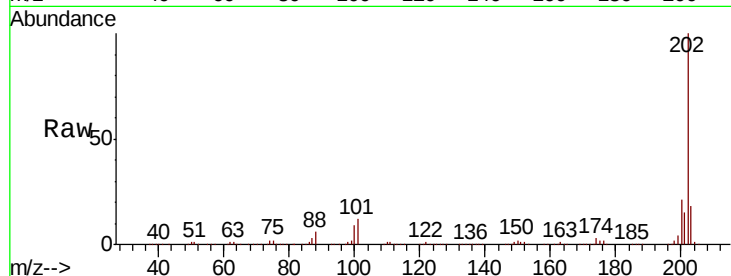




#75
 Fluoranthene
 Concen: 44.924 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

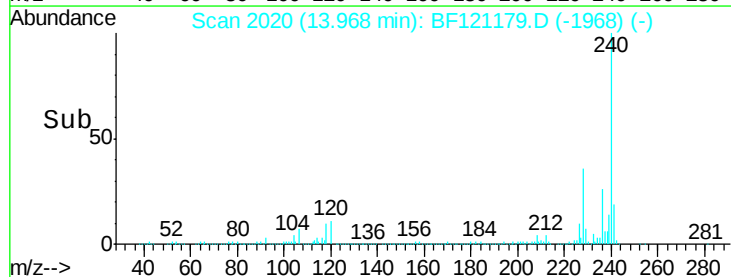
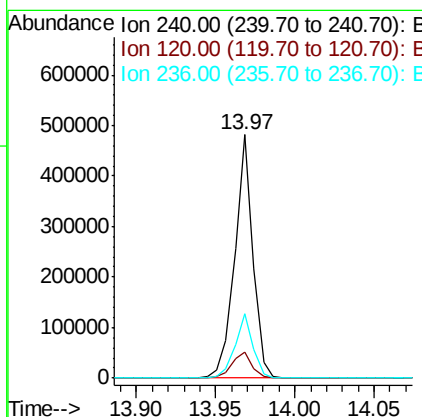
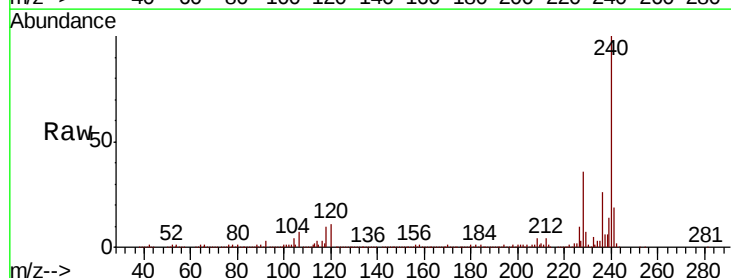
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

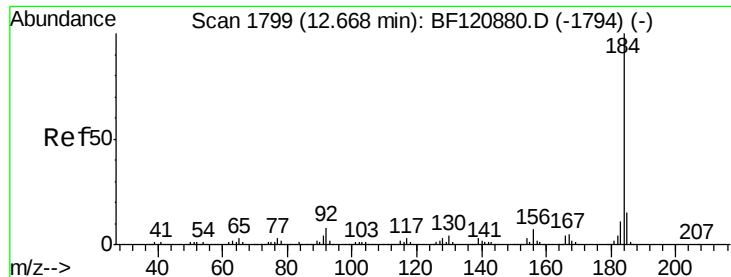
Tot Ion:202 Resp: 1388542
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 30.5
 203 18.1 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion:240 Resp: 382717
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.3 13.9
 236 26.5 21.1 31.7





#77

Benzidine

Concen: 86.510 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

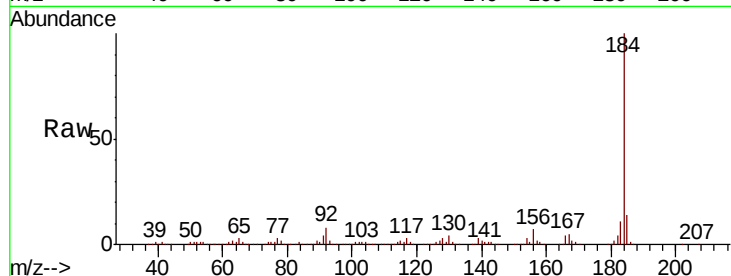
Tot Ion:184 Resp: 870490

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

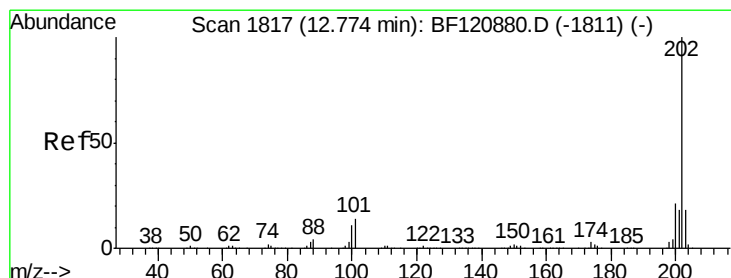
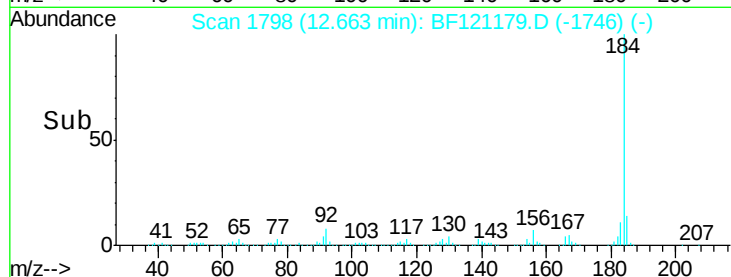
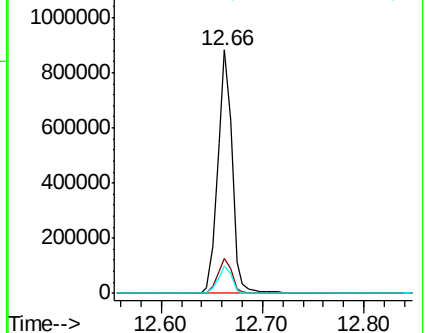
183 11.2 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.343 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

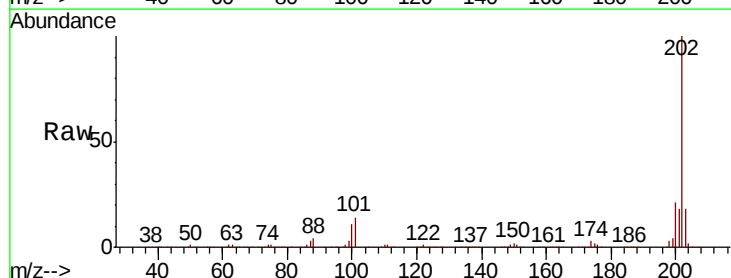
Tgt Ion:202 Resp: 1416309

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

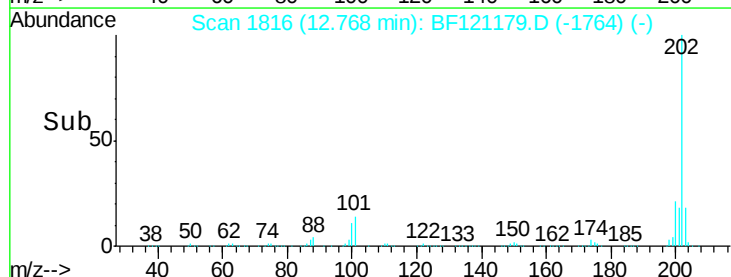
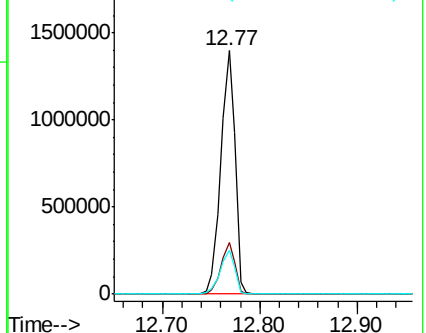
203 18.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.381 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

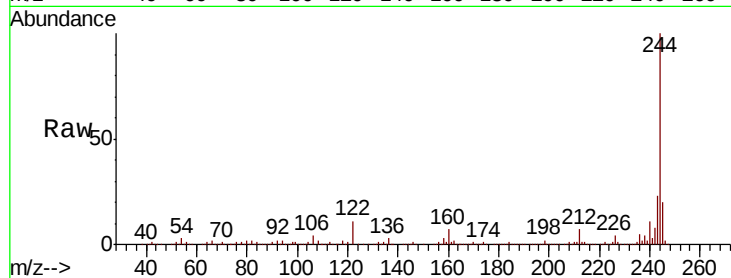
Tot Ion:244 Resp: 1256743

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

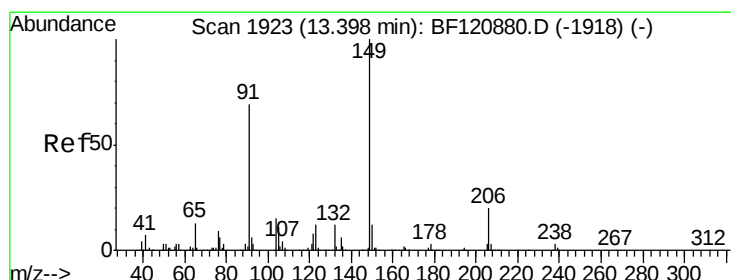
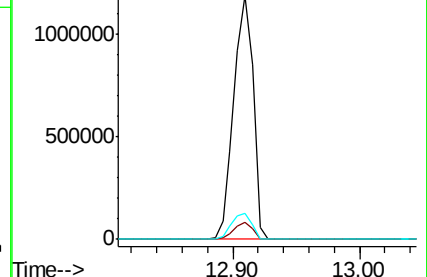
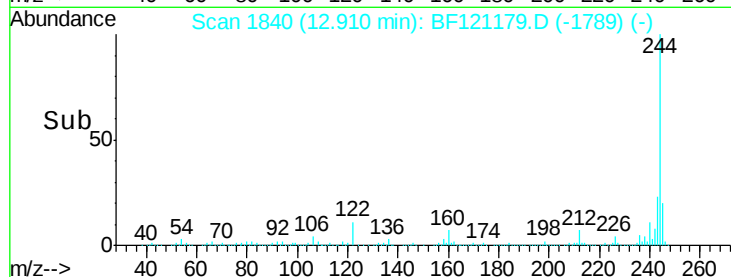
122 10.9 8.3 12.5



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: 53.721 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

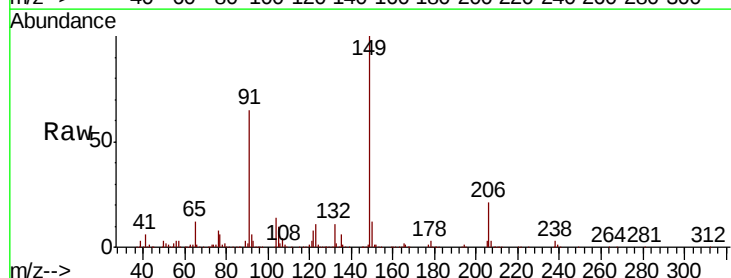
Tgt Ion:149 Resp: 647993

Ion Ratio Lower Upper

149 100

91 65.3 51.4 77.0

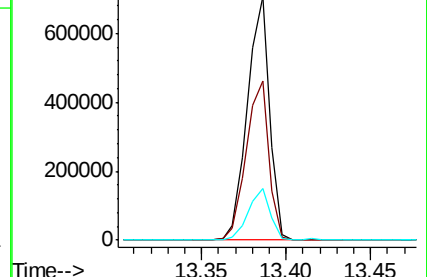
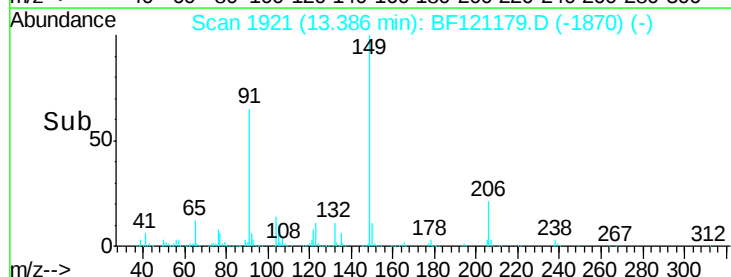
206 21.4 17.9 26.9



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: 49.029 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

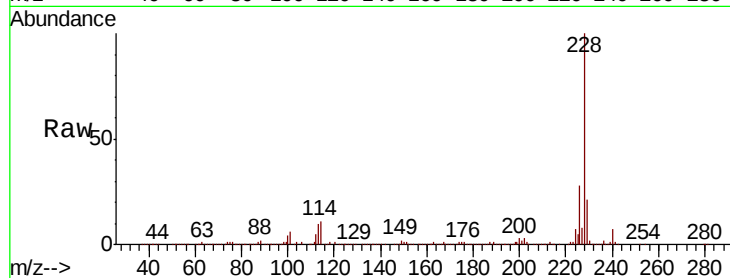
Tot Ion:228 Resp: 1136272

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

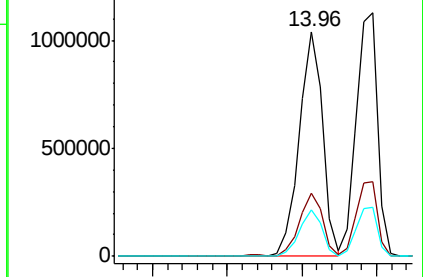
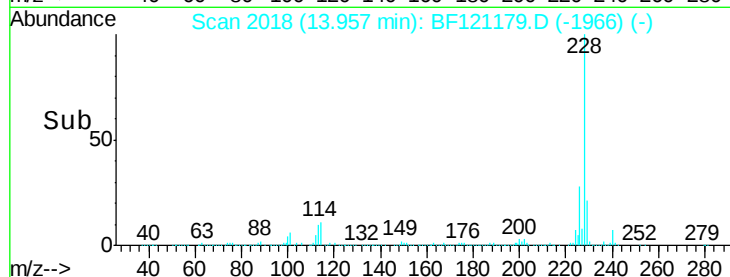
229 20.6 16.1 24.1



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: 47.373 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

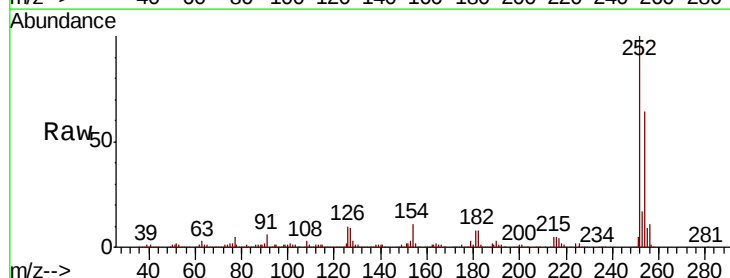
Tgt Ion:252 Resp: 414205

Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

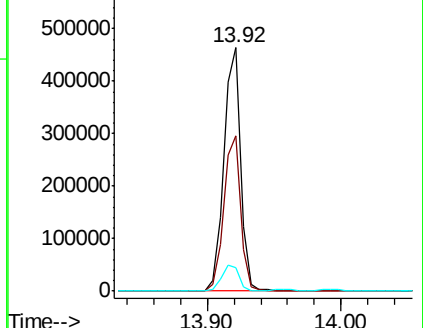
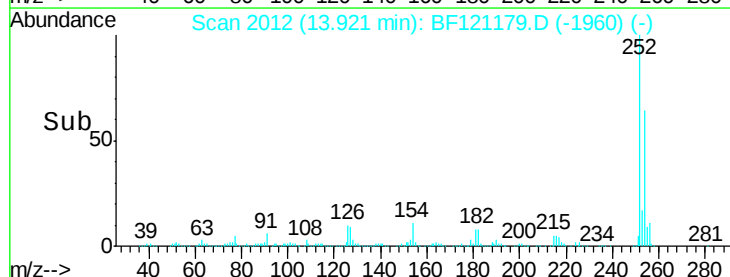
126 9.6 9.2 13.8

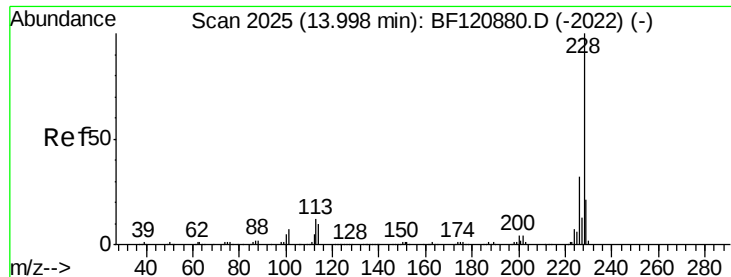


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.891 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

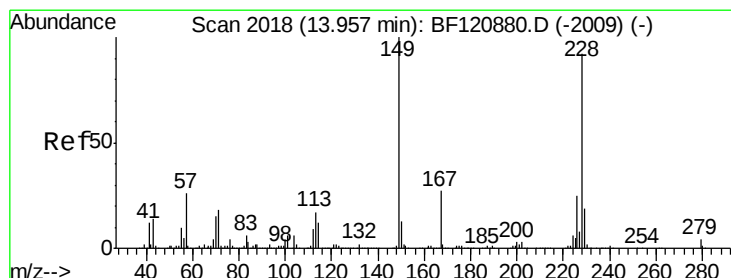
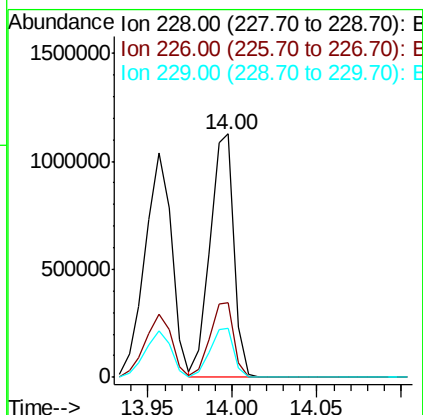
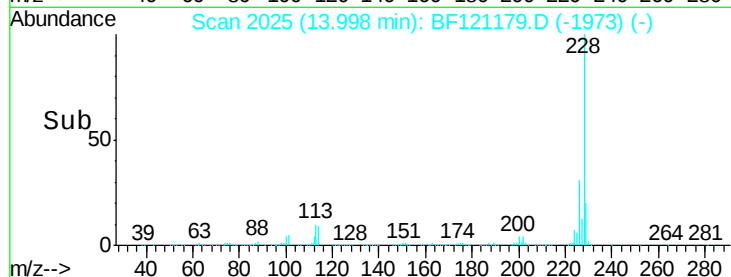
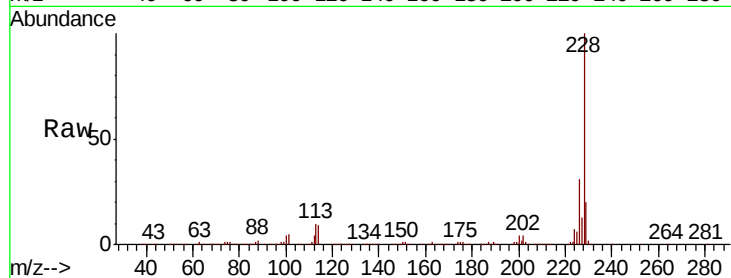
Tot Ion:228 Resp: 1117678

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

229 20.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.694 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

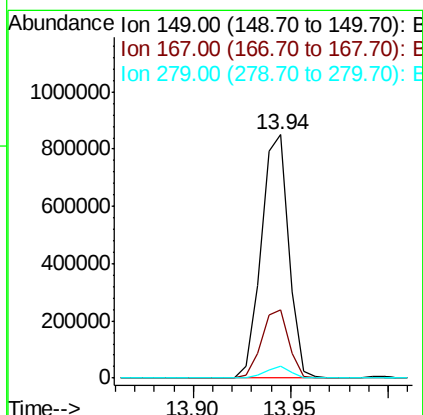
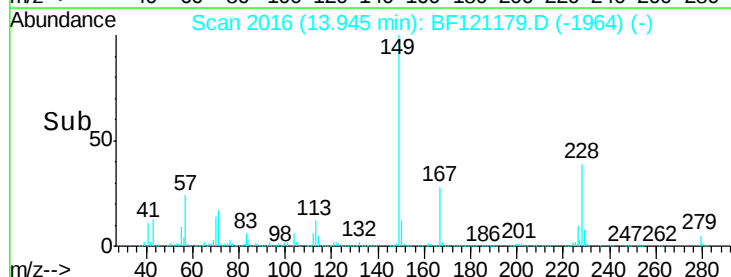
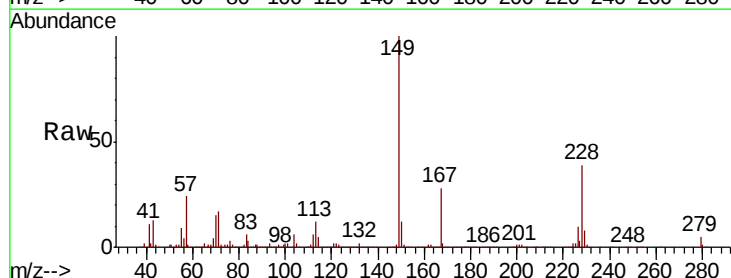
Tgt Ion:149 Resp: 828398

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.8 2.9 4.3#

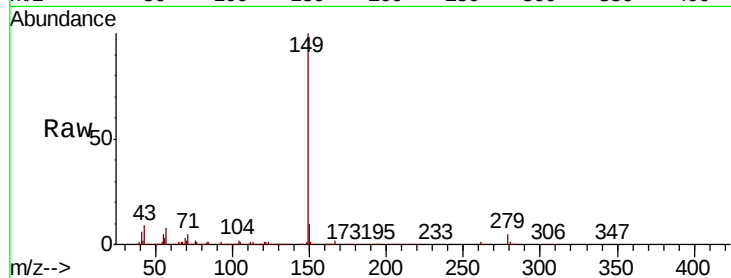




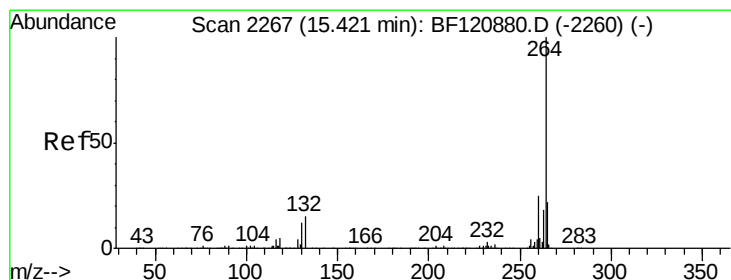
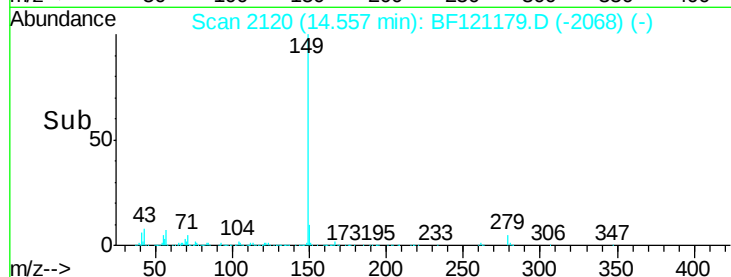
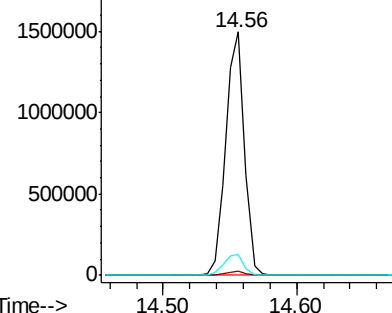
#85
Di-n-octyl phthalate
Concen: 49.141 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:149 Resp: 1454174
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.5 11.3

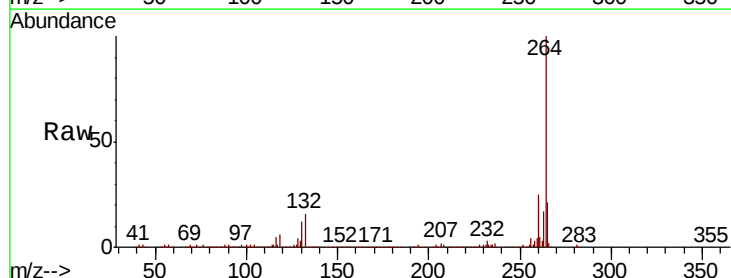


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

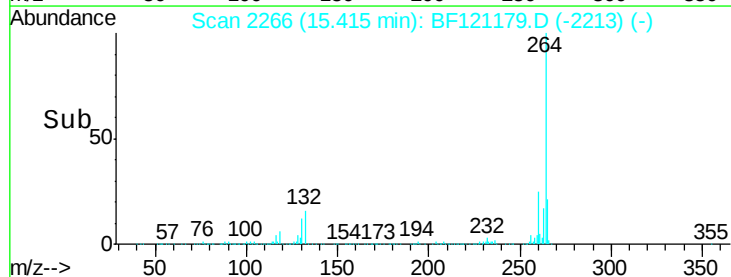
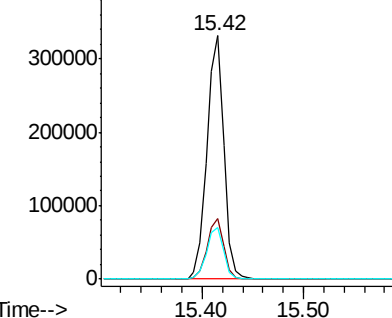


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:264 Resp: 381965
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 20.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
400000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

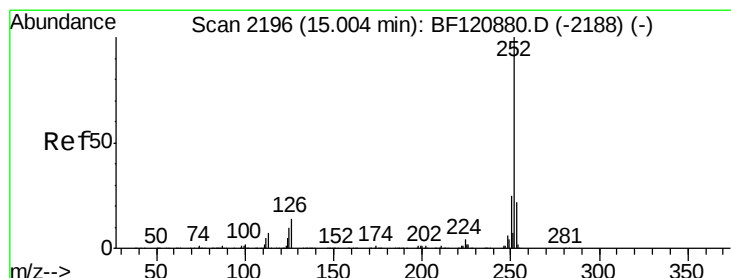
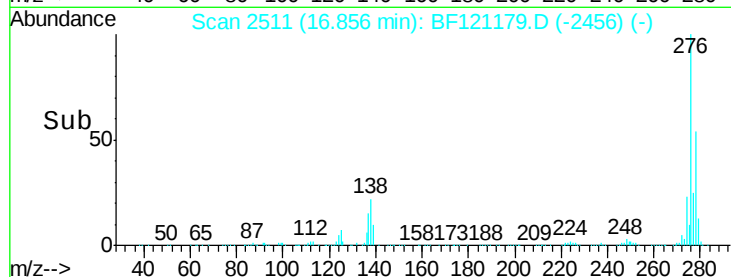
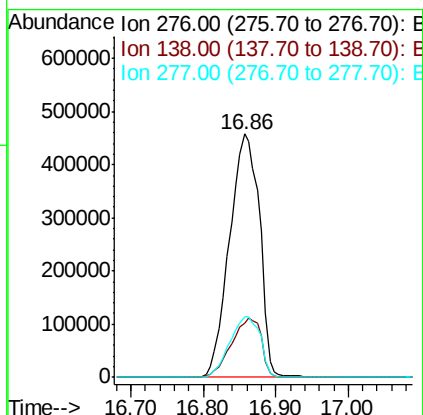
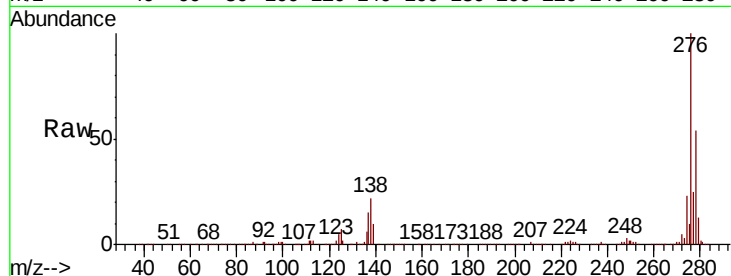




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.639 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

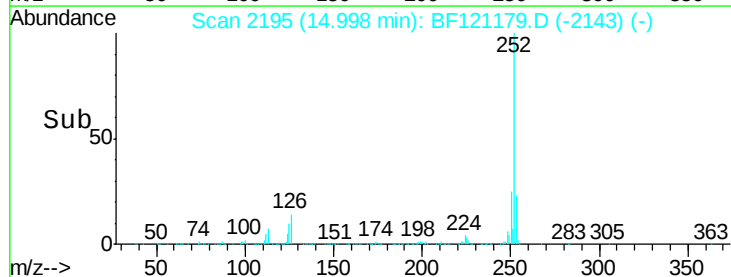
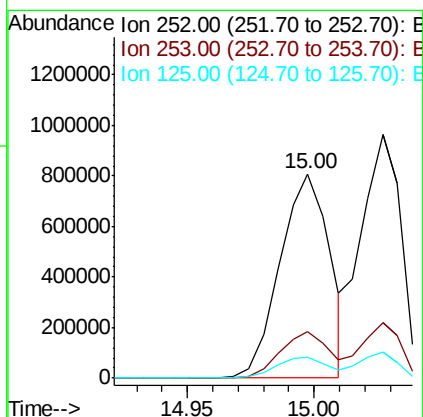
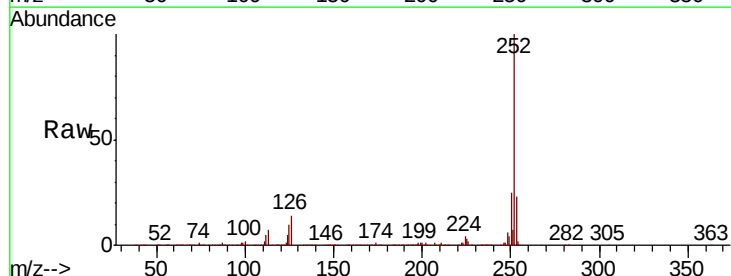
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

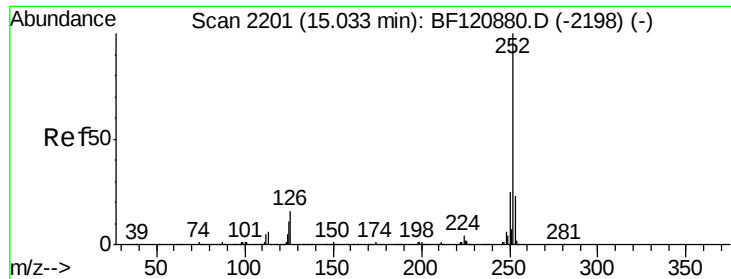
Tot Ion:276 Resp: 1318614
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.3 28.9
 277 25.3 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 47.644 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion:252 Resp: 1100020
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.9 26.9
 125 10.1 8.1 12.1

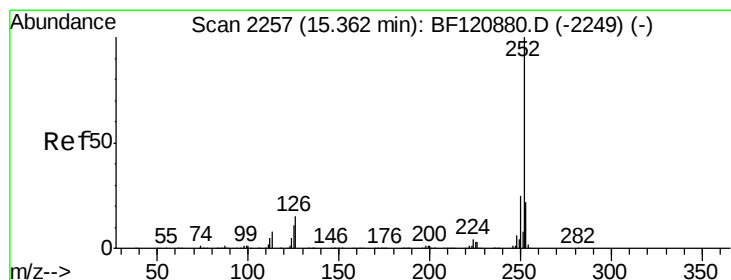
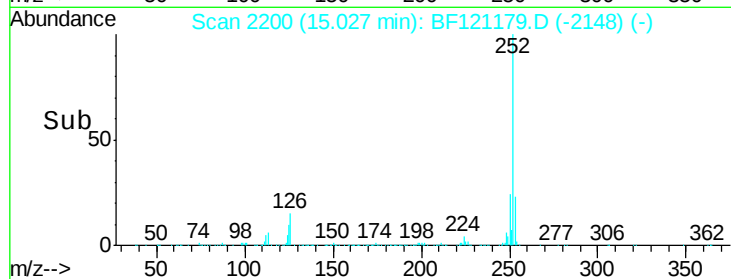
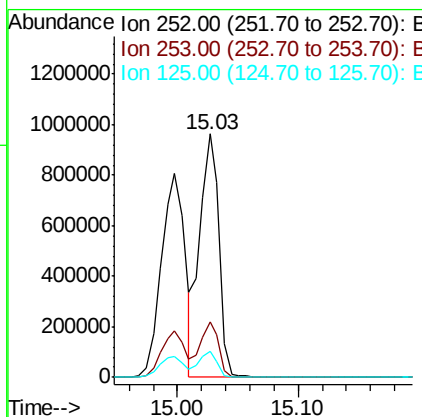
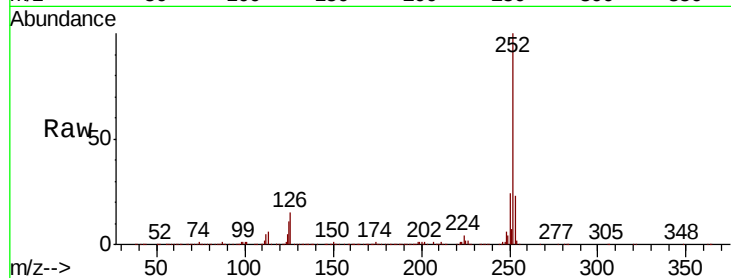




#89
Benzo(k)fluoranthene
Concen: 50.341 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

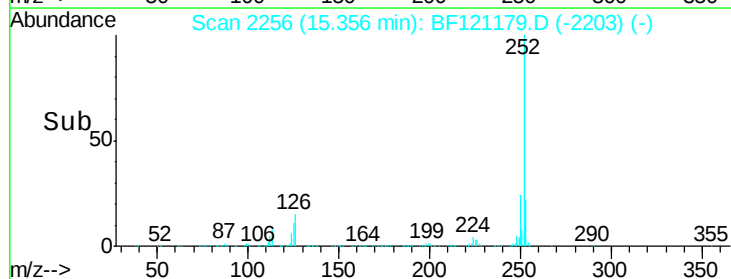
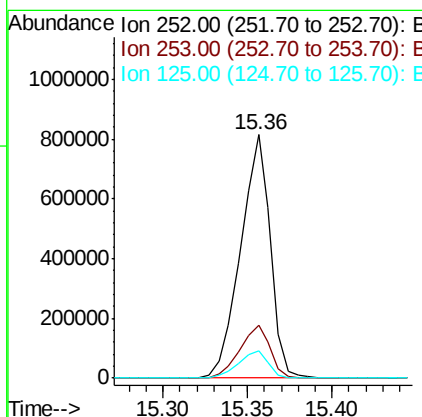
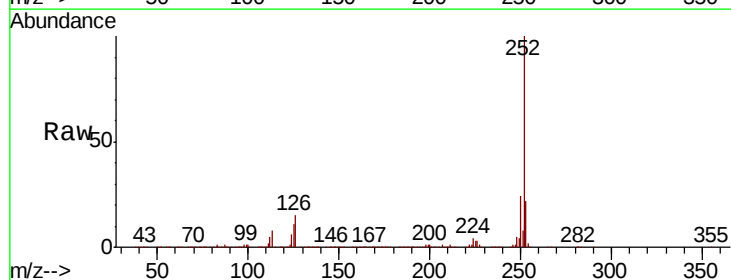
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

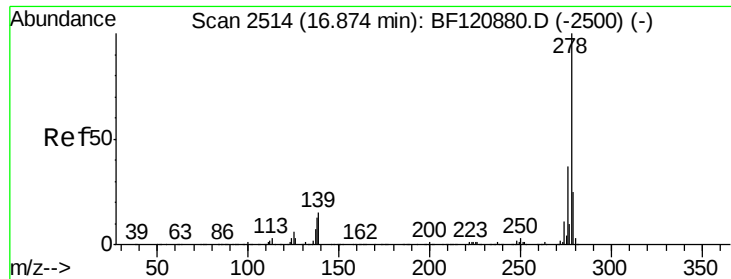
Tot Ion:252 Resp: 1060012
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 47.280 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:252 Resp: 995944
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.2 9.5 14.3

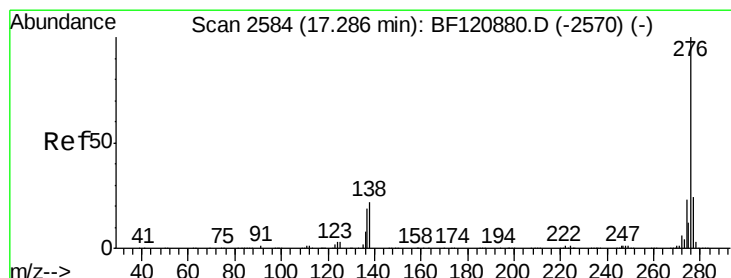
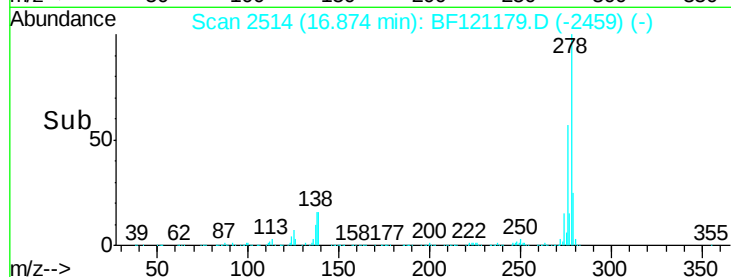
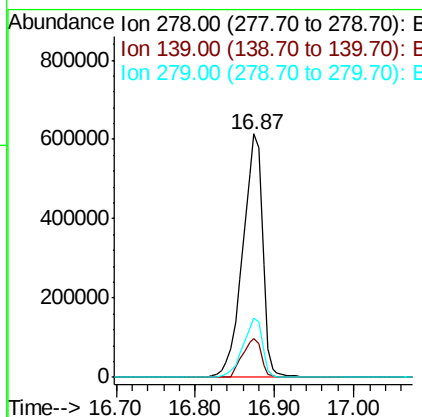
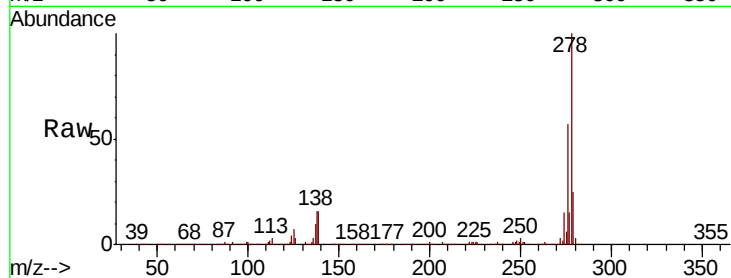




#91
Dibenzo(a,h)anthracene
Concen: 49.194 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:278 Resp: 1067469
Ion Ratio Lower Upper
278 100
139 15.9 12.6 18.8
279 24.6 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 53.689 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:276 Resp: 1148692
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 21.8 17.2 25.8

