

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120898.D
 Acq On : 16 Jul 2020 21:25
 Operator : JU/CG
 Sample : L3315-07MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Quant Time: Jul 17 01:54:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162143	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	642549	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	347272	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	679406	20.00	ng	0.00
76) Chrysene-d12	13.97	240	541591	20.00	ng	0.00
86) Perylene-d12	15.42	264	567285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	975348	98.61	ng	0.00
7) Phenol-d6	6.45	99	1225176	95.90	ng	0.00
23) Nitrobenzene-d5	7.38	82	754622	67.96	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	392675	103.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1432905	61.61	ng	0.00
79) Terphenyl-d14	12.92	244	1568075	62.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	185246	40.696	ng	99
3) Pyridine	3.30	79	512515	42.325	ng	99
4) n-Nitrosodimethylamine	3.25	42	236337	45.643	ng	96
6) Aniline	6.47	93	528745	31.704	ng	98
8) 2-Chlorophenol	6.60	128	509923	46.800	ng	99
9) Benzaldehyde	6.36	77	137756	18.958	ng	98
10) Phenol	6.46	94	623462	44.361	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	473869	43.995	ng	99
12) 1,3-Dichlorobenzene	6.76	146	509416	43.116	ng	97
13) 1,4-Dichlorobenzene	6.83	146	512410	43.615	ng	99
14) 1,2-Dichlorobenzene	6.99	146	499036	44.900	ng	98
15) Benzyl Alcohol	6.96	79	394052	43.613	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	664663	42.813	ng	100
17) 2-Methylphenol	7.07	107	403649	41.797	ng	99
18) Hexachloroethane	7.33	117	191886	45.126	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	315933	43.487	ng	99
20) 3+4-Methylphenols	7.22	107	454830	37.023	ng	93
22) Acetophenone	7.23	105	598775	41.522	ng	98
24) Nitrobenzene	7.40	77	507608	42.412	ng	98
25) Isophorone	7.64	82	937667	42.309	ng	100
26) 2-Nitrophenol	7.72	139	267131	46.995	ng	97
27) 2,4-Dimethylphenol	7.75	122	432203	46.831	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	601672	44.475	ng	100
29) 2,4-Dichlorophenol	7.96	162	420763	44.616	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	444448	42.478	ng	99
31) Naphthalene	8.12	128	1382520	41.946	ng	100
32) Benzoic acid	7.88	122	341022	49.224	ng	91
33) 4-Chloroaniline	8.17	127	313162	21.299	ng	97
34) Hexachlorobutadiene	8.24	225	254336	41.234	ng	99
35) Caprolactam	8.54	113	86680	28.661	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	441760	45.674	ng	97
37) 2-Methylnaphthalene	8.81	142	949619	44.373	ng	98
38) 1-Methylnaphthalene	8.91	142	912696	45.030	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	403132	39.843	ng	99

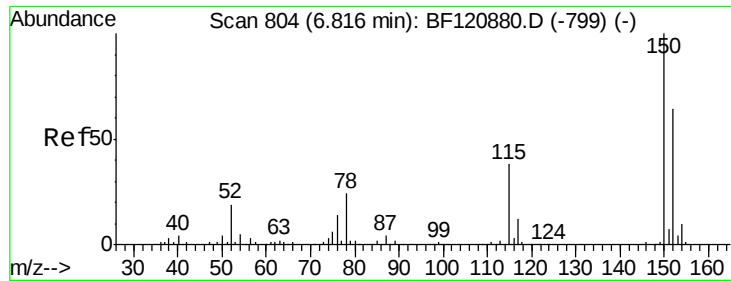
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	459747	82.215	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	317808	44.611	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	340970	42.194	ng	96
46) 1,1'-Biphenyl	9.27	154	1121511	42.337	ng	100
47) 2-Chloronaphthalene	9.30	162	864770	40.041	ng	99
48) 2-Nitroaniline	9.39	65	287789	44.093	ng	99
49) Acenaphthylene	9.72	152	1437527	42.845	ng	100
50) Dimethylphthalate	9.58	163	1291240	51.539	ng	99
51) 2,6-Dinitrotoluene	9.64	165	249484	46.351	ng	91
52) Acenaphthene	9.89	154	894363	41.927	ng	100
53) 3-Nitroaniline	9.80	138	172105	25.495	ng	99
54) 2,4-Dinitrophenol	9.91	184	233099	75.644	ng	92
55) Dibenzofuran	10.06	168	1315275	42.638	ng	98
56) 4-Nitrophenol	9.97	139	464624	90.606	ng	99
57) 2,4-Dinitrotoluene	10.04	165	343998	48.667	ng	93
58) Fluorene	10.40	166	940642	40.886	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	294847	47.922	ng	98
60) Diethylphthalate	10.28	149	1118755	44.148	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	463383	37.762	ng	99
62) 4-Nitroaniline	10.42	138	268498	40.831	ng	99
63) Azobenzene	10.56	77	1042052	43.194	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	173379	44.406	ng	90
66) n-Nitrosodiphenylamine	10.52	169	940761	44.017	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	325836	43.016	ng	# 90
68) Hexachlorobenzene	10.95	284	357014	43.570	ng	# 89
69) Atrazine	11.04	200	279166	52.741	ng	98
70) Pentachlorophenol	11.14	266	415004	88.408	ng	100
71) Phenanthrene	11.36	178	1478351	42.309	ng	100
72) Anthracene	11.42	178	1507633	42.969	ng	99
73) Carbazole	11.57	167	1448911	41.611	ng	99
74) Di-n-butylphthalate	11.90	149	1770736	44.067	ng	100
75) Fluoranthene	12.55	202	1677327	43.308	ng	99
77) Benzidine	12.67	184	816711	57.356	ng	99
78) Pyrene	12.78	202	1696419	44.304	ng	100
80) Butylbenzylphthalate	13.40	149	808756	47.380	ng	100
81) Benzo(a)anthracene	13.97	228	1343183	40.956	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	375427	30.342	ng	99
83) Chrysene	14.00	228	1519842	44.098	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	892547	42.404	ng	100
85) Di-n-octyl phthalate	14.57	149	1904366	45.476	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1563204	39.622	ng	100
88) Benzo(b)fluoranthene	15.00	252	1543294	45.007	ng	100
89) Benzo(k)fluoranthene	15.03	252	1498283	47.910	ng	100
90) Benzo(a)pyrene	15.36	252	1381483	44.158	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1300237	40.346	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1228434	38.660	ng	99

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

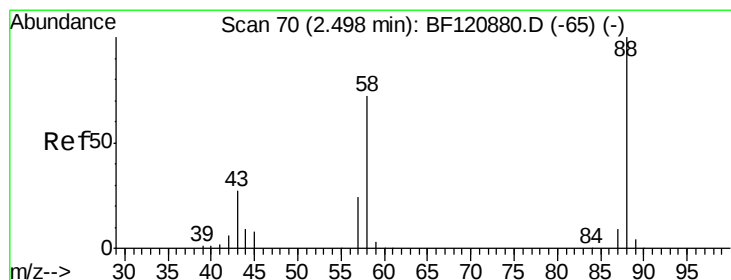
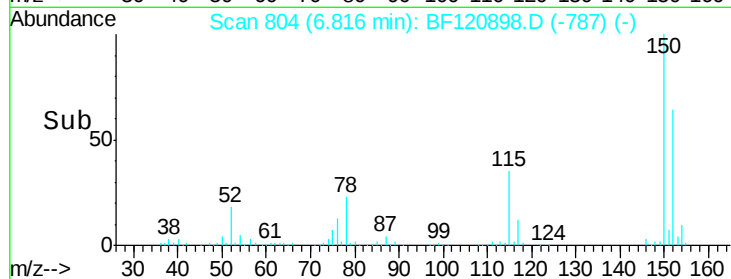
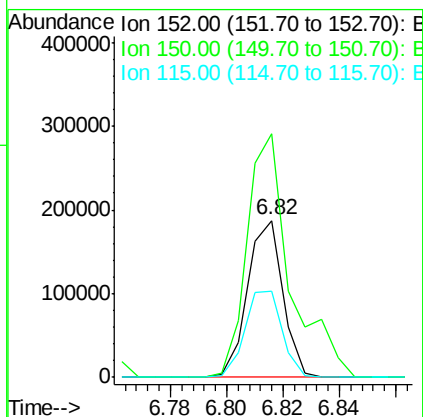
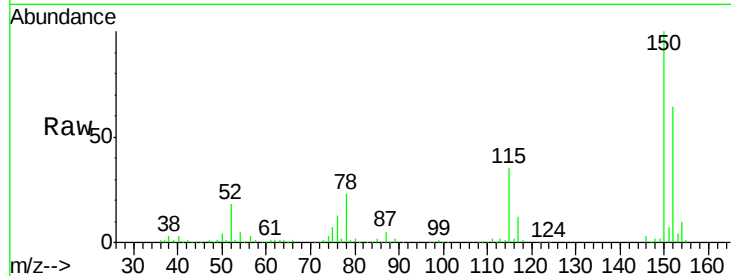


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

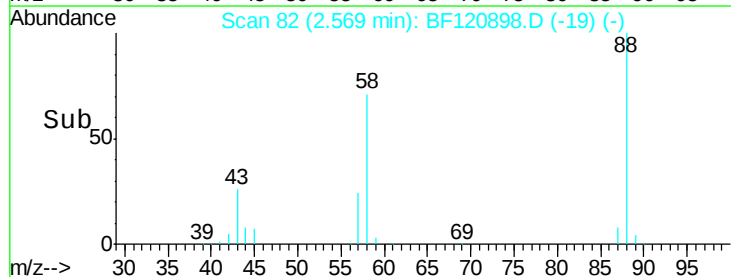
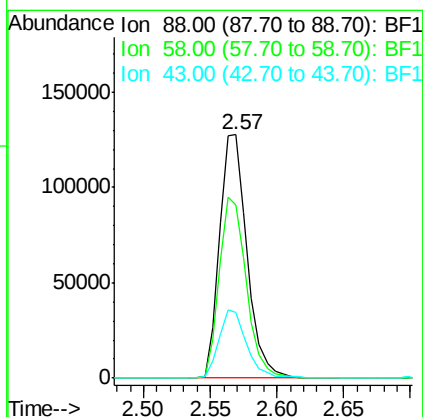
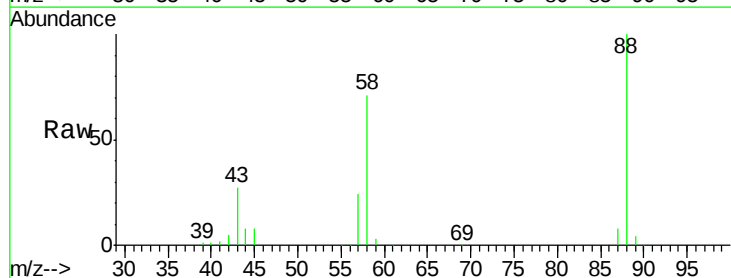
Tot Ion:152 Resp: 162143
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.6
115 54.9 47.0 70.4



#2

1,4-Dioxane
Concen: 40.696 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion: 88 Resp: 185246
Ion Ratio Lower Upper
88 100
58 73.2 58.2 87.2
43 28.7 22.1 33.1





#3

Pvridine

Concen: 42.325 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.06 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

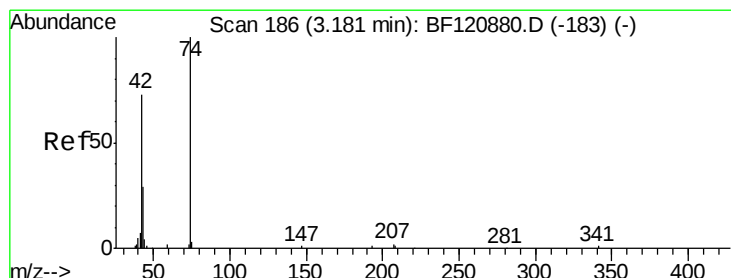
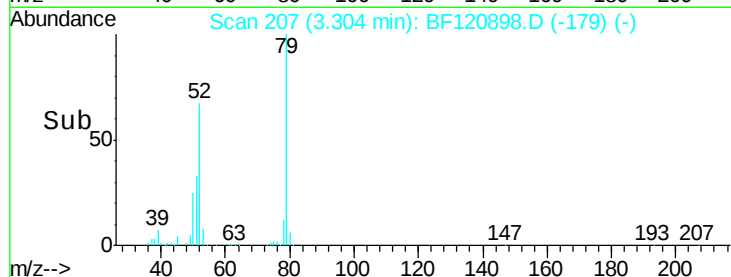
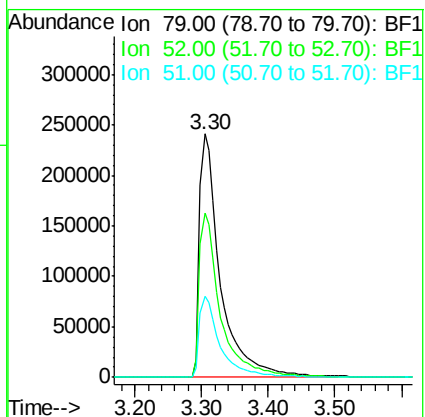
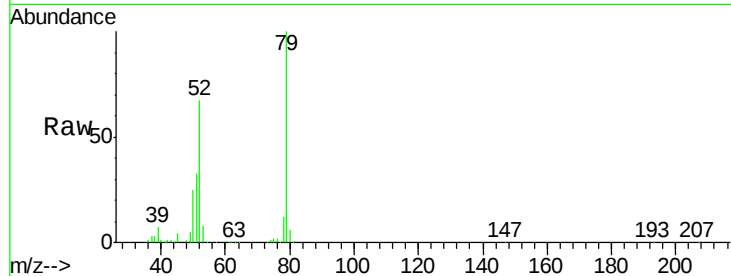
Tot Ion: 79 Resp: 512515

Ion Ratio Lower Upper

79 100

52 67.2 55.0 82.6

51 33.4 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 45.643 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.07 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

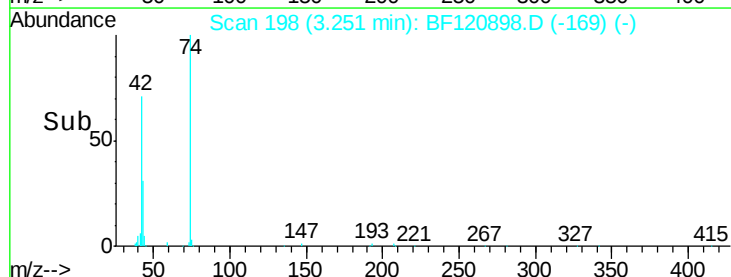
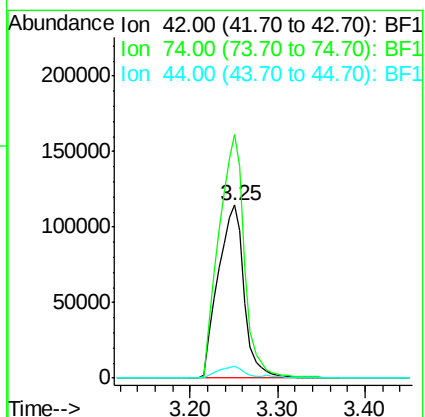
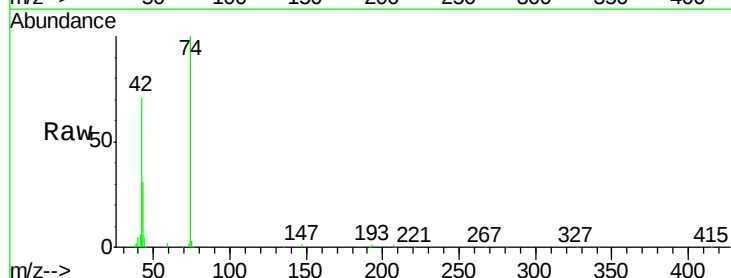
Tgt Ion: 42 Resp: 236337

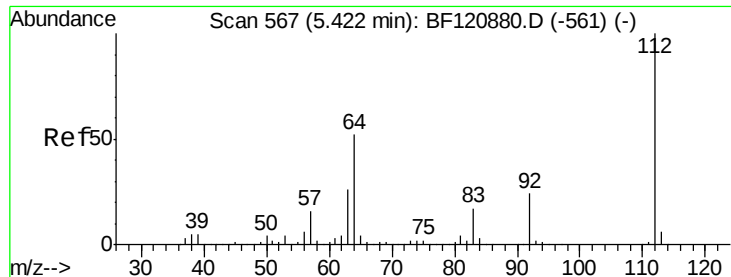
Ion Ratio Lower Upper

42 100

74 141.1 108.7 163.1

44 6.7 5.2 7.8





#5

2-Fluorophenol

Concen: 98.613 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

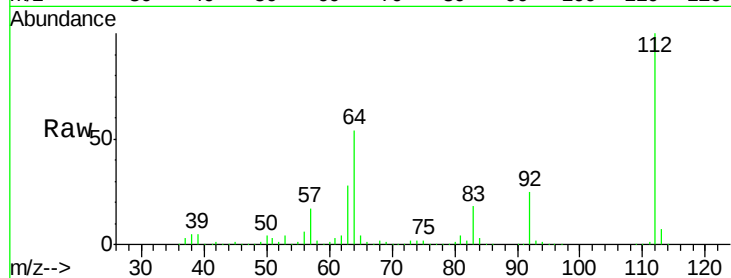
Tot Ion: 112 Resp: 975348

Ion Ratio Lower Upper

112 100

64 53.8 41.3 61.9

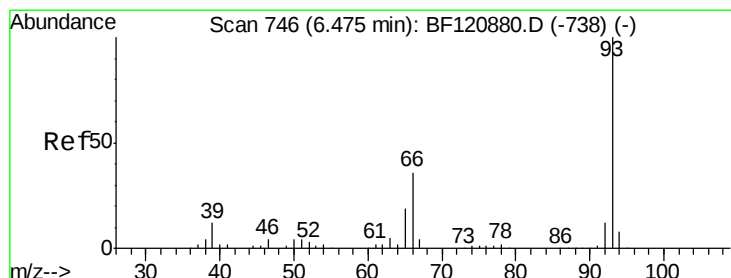
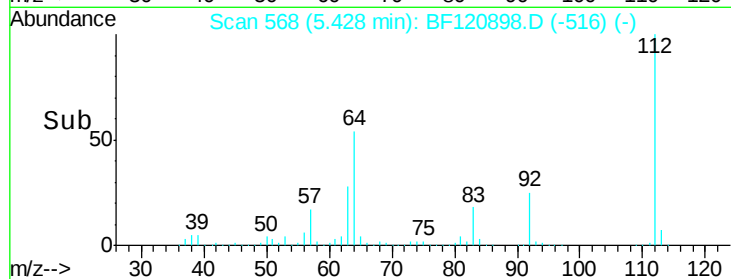
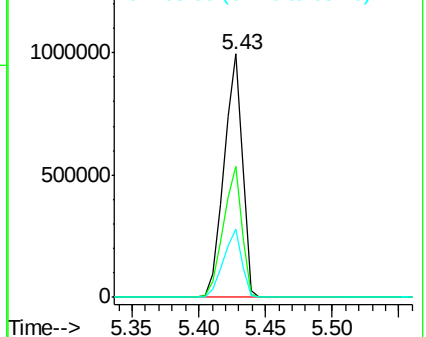
63 27.9 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.704 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

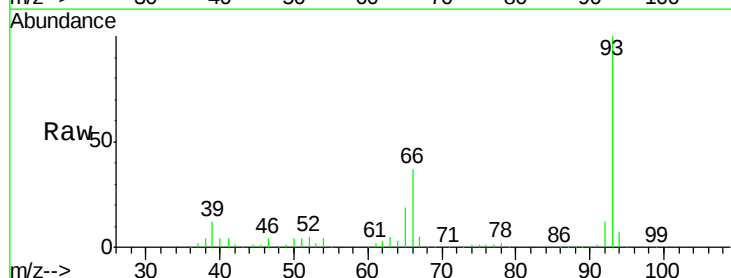
Tgt Ion: 93 Resp: 528745

Ion Ratio Lower Upper

93 100

66 36.8 30.2 45.4

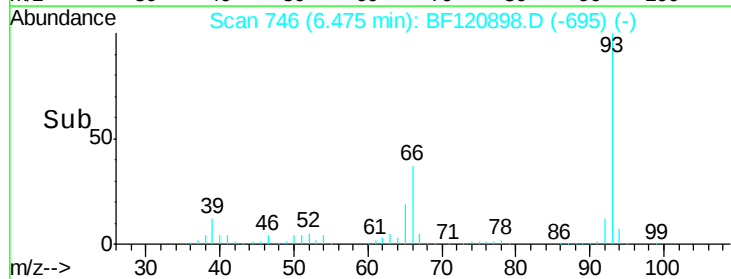
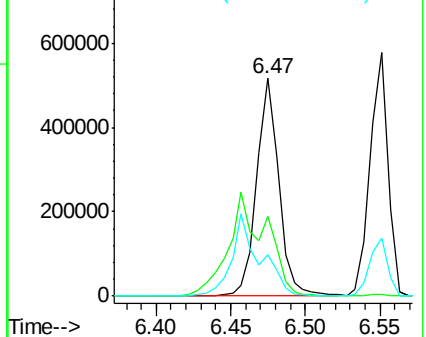
65 19.1 15.8 23.6



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: 95.895 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

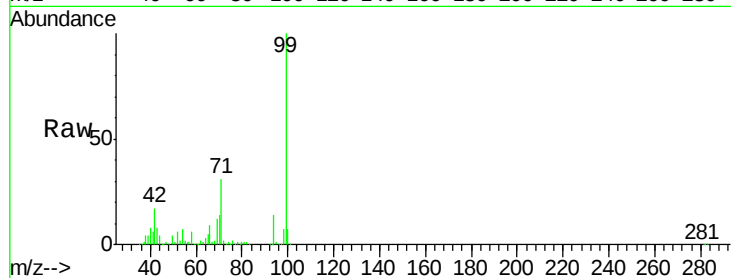
Tot Ion: 99 Resp: 1225176

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

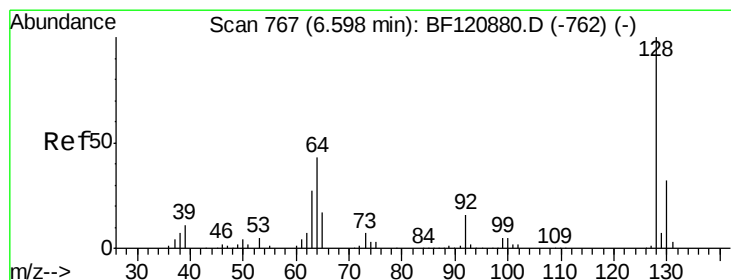
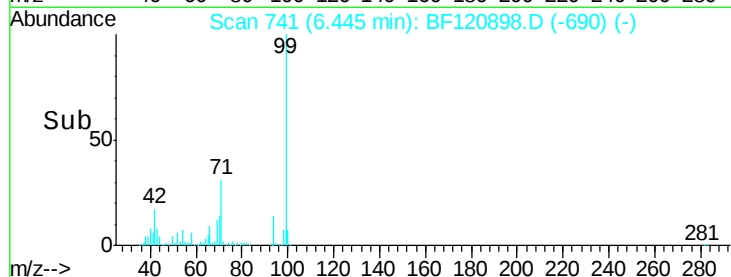
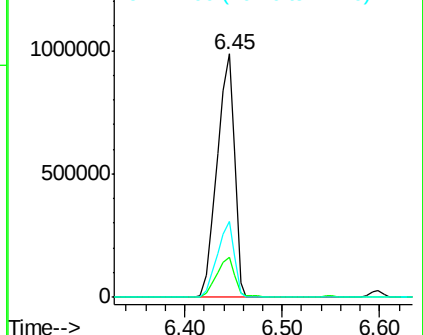
71 31.1 24.2 36.4



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: 46.800 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

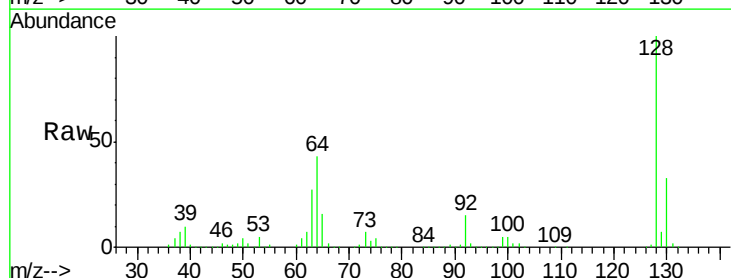
Tgt Ion: 128 Resp: 509923

Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

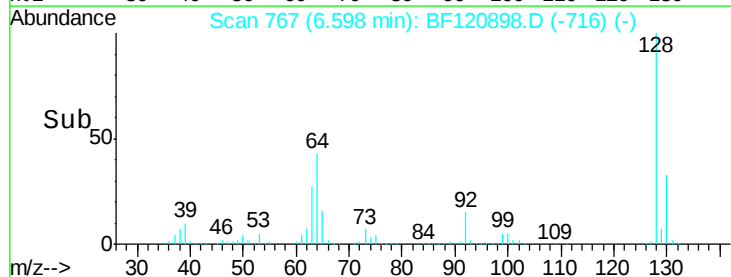
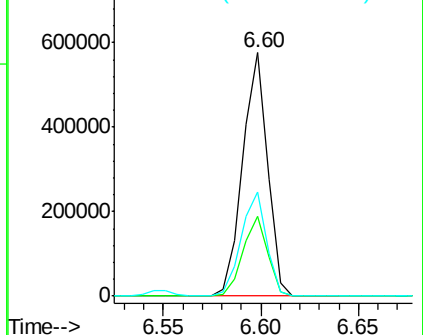
64 42.9 24.0 64.0



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: 18.958 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF120898.D

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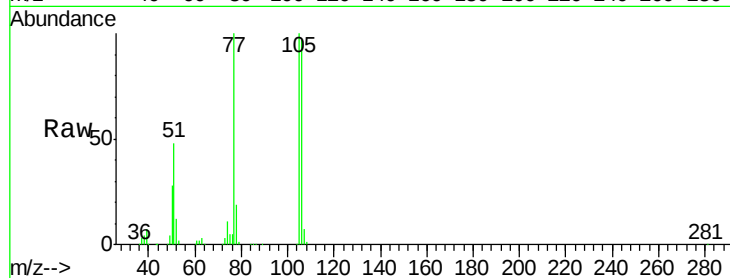
Tot Ion: 77 Resp: 137756

Ion Ratio Lower Upper

77 100

105 100.3 82.5 122.5

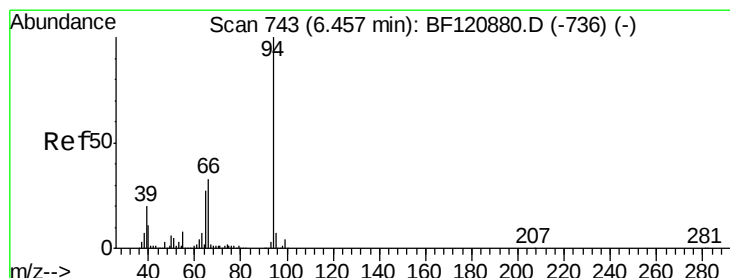
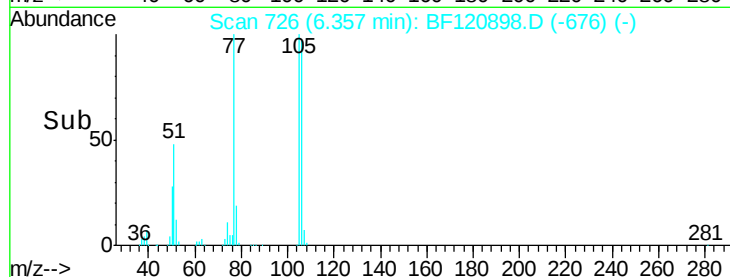
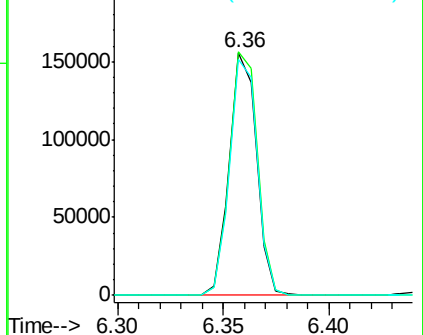
106 97.3 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.361 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

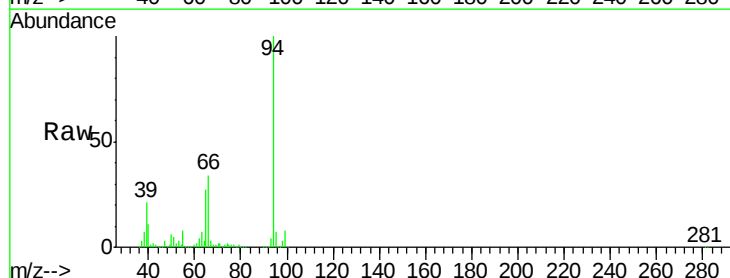
Tgt Ion: 94 Resp: 623462

Ion Ratio Lower Upper

94 100

65 27.2 6.6 46.6

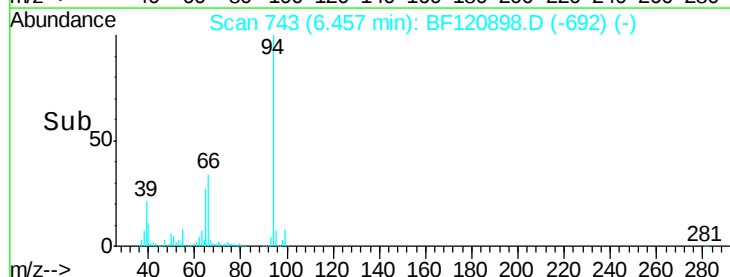
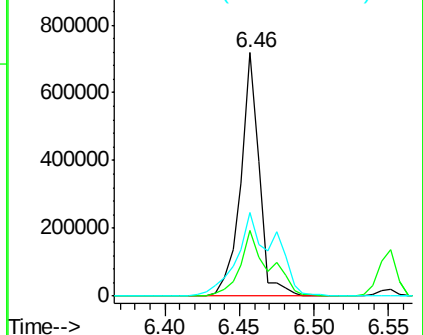
66 34.2 13.2 53.2

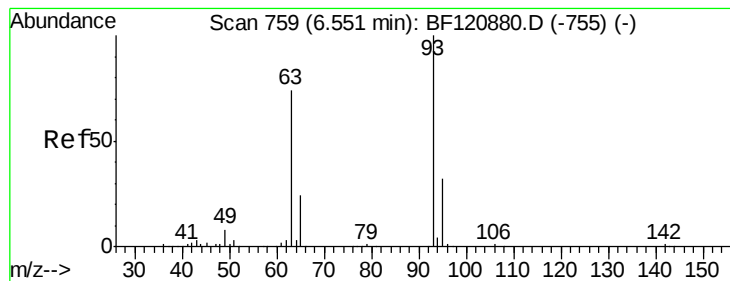


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.995 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

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BNA_F

ClientSampleId :

TP-16-DMSD

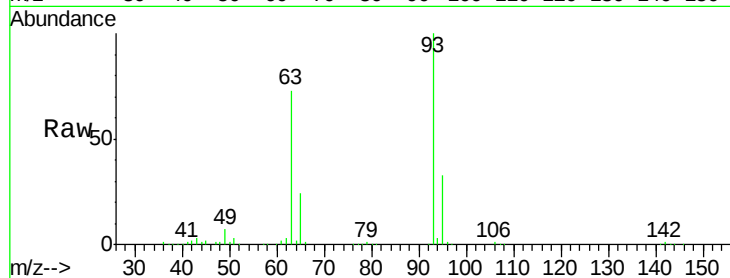
Tot Ion: 93 Resp: 473869

Ion Ratio Lower Upper

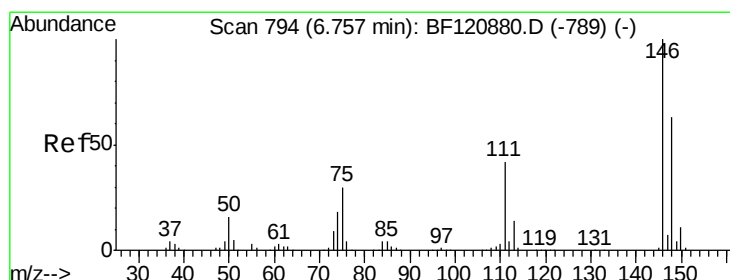
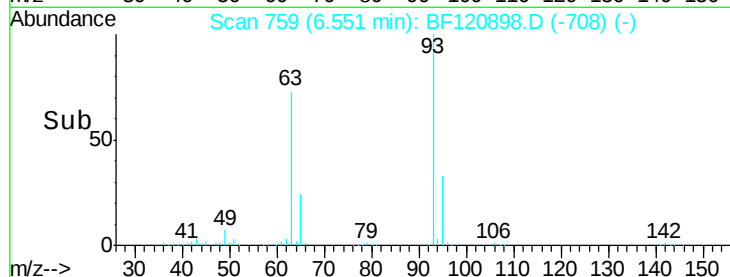
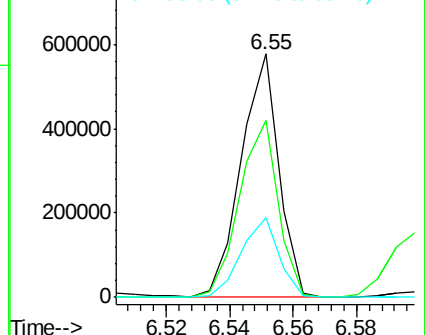
93 100

63 72.9 54.2 94.2

95 32.8 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.116 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

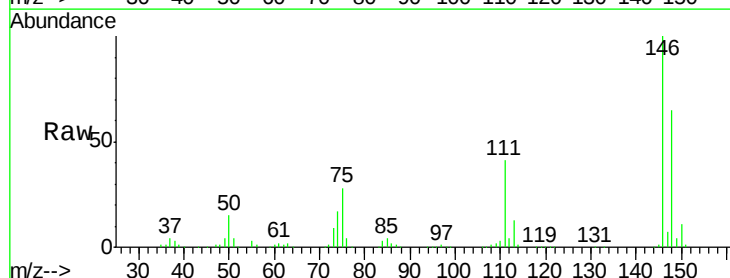
Tgt Ion: 146 Resp: 509416

Ion Ratio Lower Upper

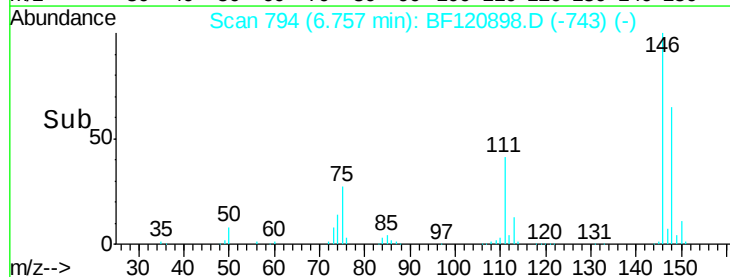
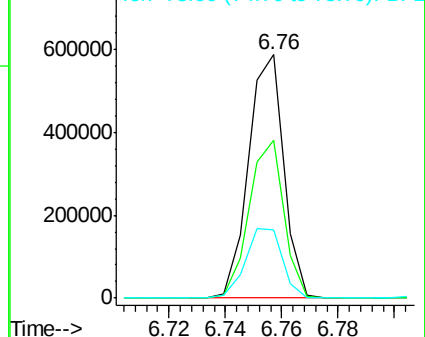
146 100

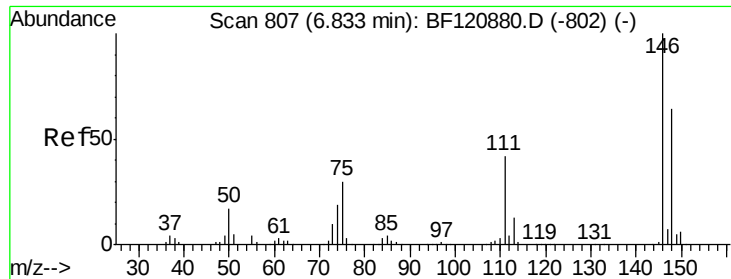
148 64.9 50.6 75.8

75 28.3 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

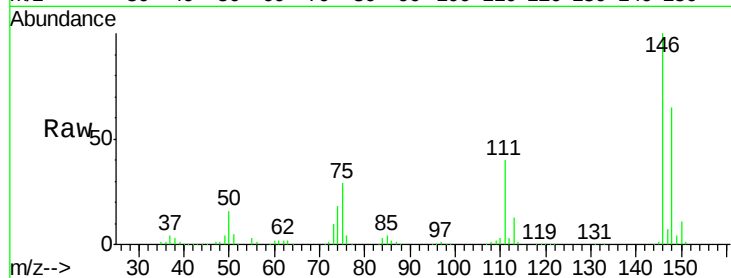




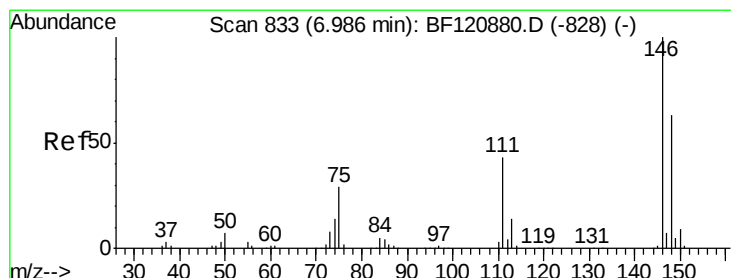
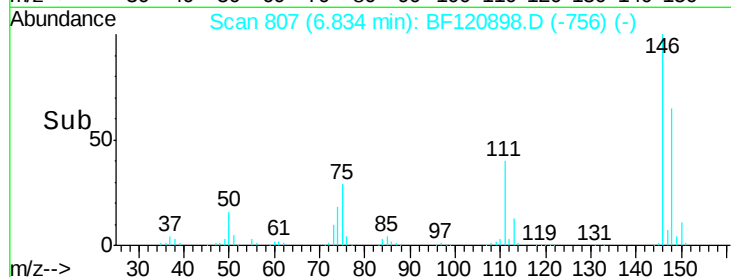
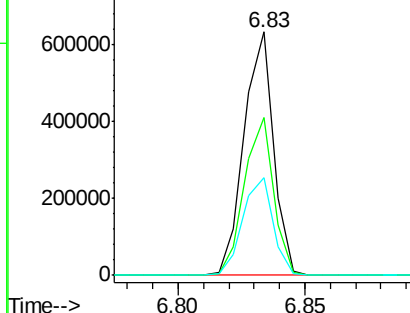
#13
 1,4-Dichlorobenzene
 Concen: 43.615 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:146 Resp: 512410
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 39.9 33.5 50.3

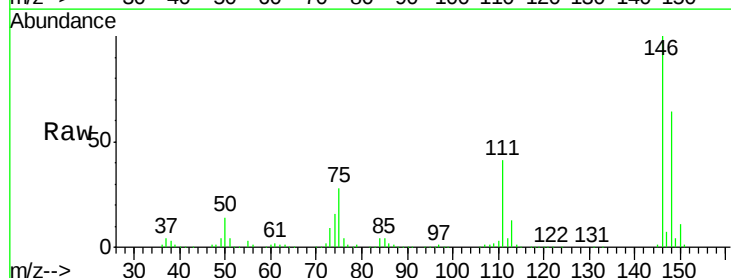


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

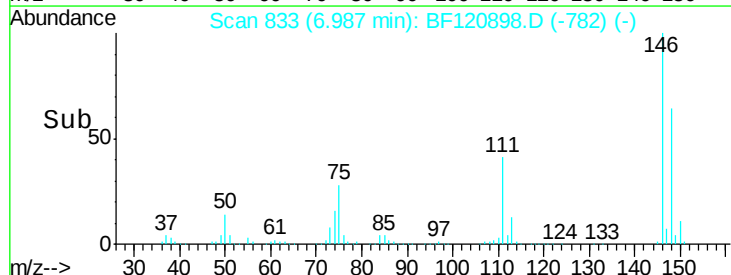
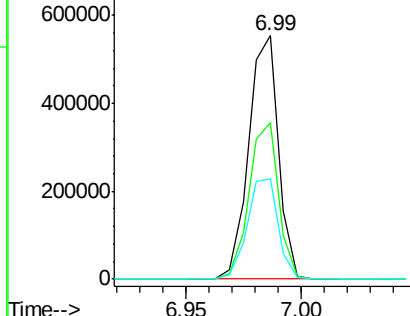


#14
 1,2-Dichlorobenzene
 Concen: 44.900 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:146 Resp: 499036
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 76.0
 111 41.4 34.2 51.2



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

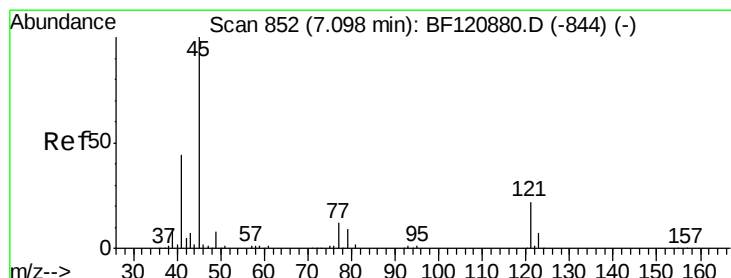
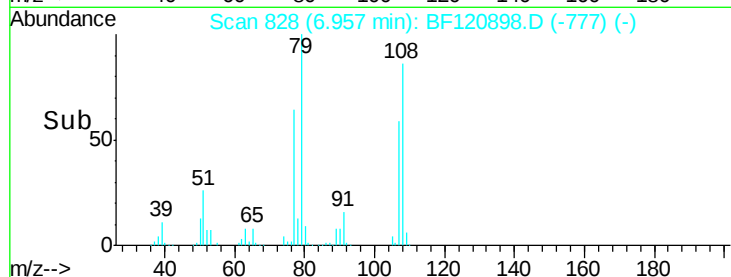
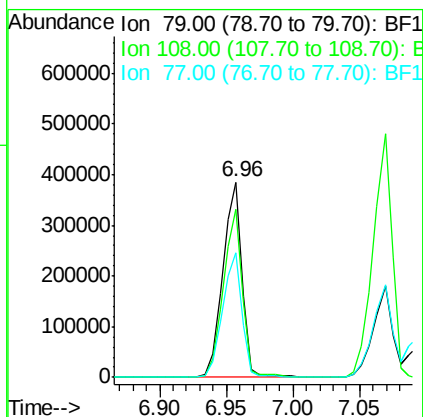
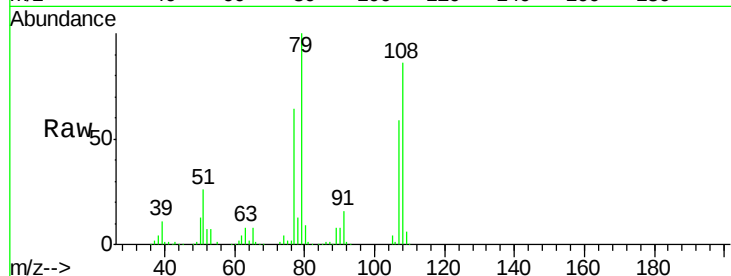




#15
Benzyl Alcohol
Concen: 43.613 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

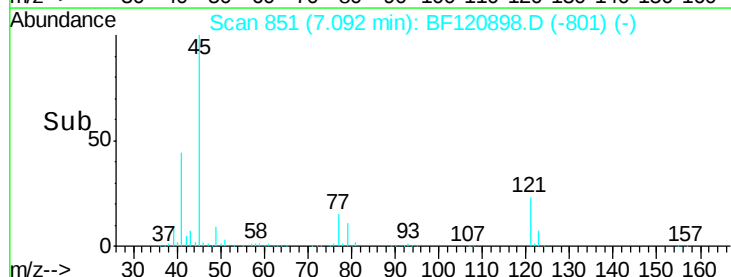
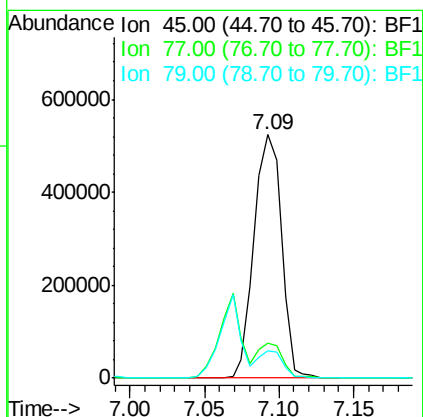
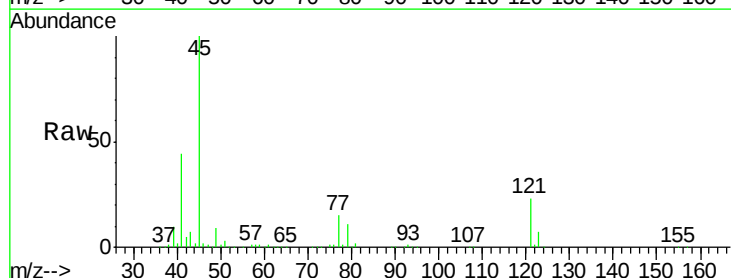
Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

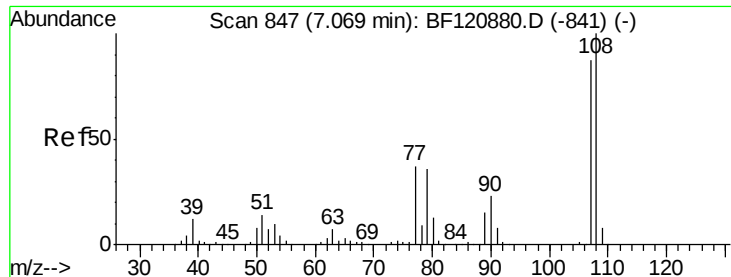
Tot Ion: 79 Resp: 394052
Ion Ratio Lower Upper
79 100
108 85.9 67.0 100.6
77 63.9 51.0 76.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.813 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion: 45 Resp: 664663
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.3
79 11.1 0.0 31.0





#17

2-Methylphenol

Concen: 41.797 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

Tot Ion:107 Resp: 403649

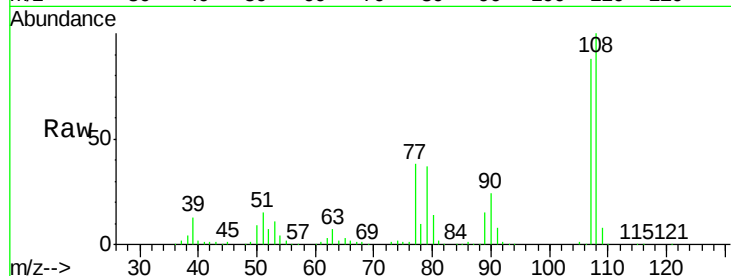
Ion Ratio Lower Upper

107 100

108 113.1 92.0 138.0

77 43.2 34.0 51.0

79 42.1 33.3 49.9

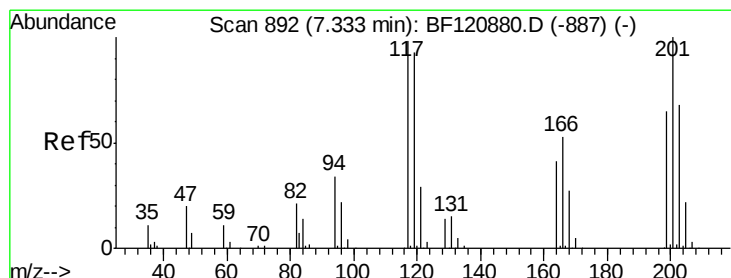
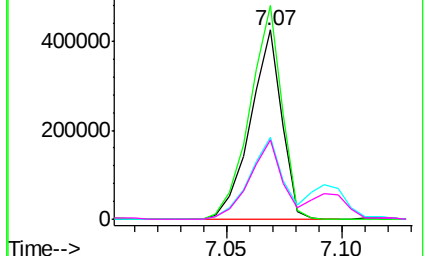
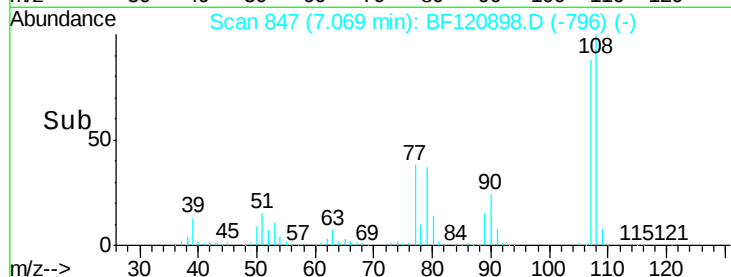


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 45.126 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

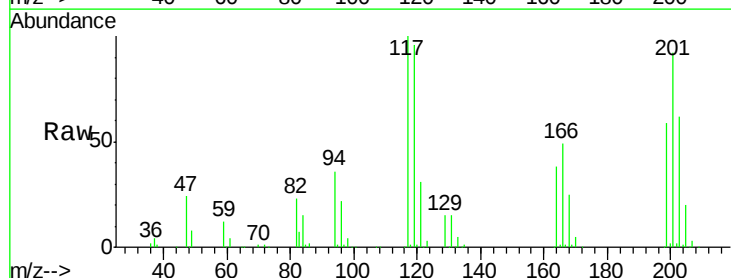
Tgt Ion:117 Resp: 191886

Ion Ratio Lower Upper

117 100

119 95.9 76.0 114.0

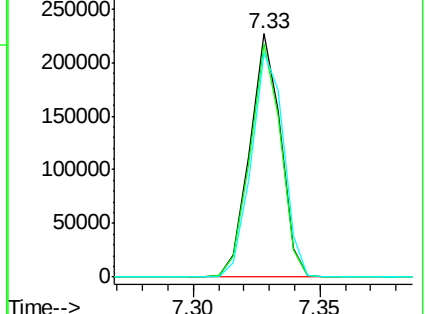
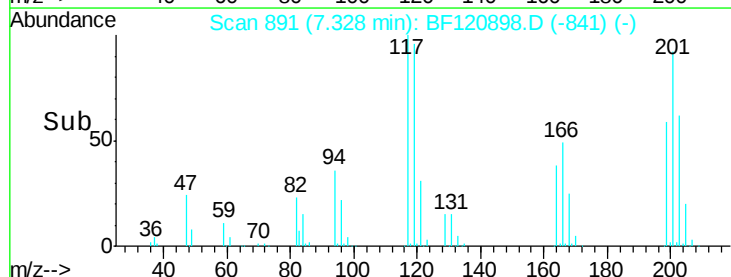
201 92.0 81.7 122.5

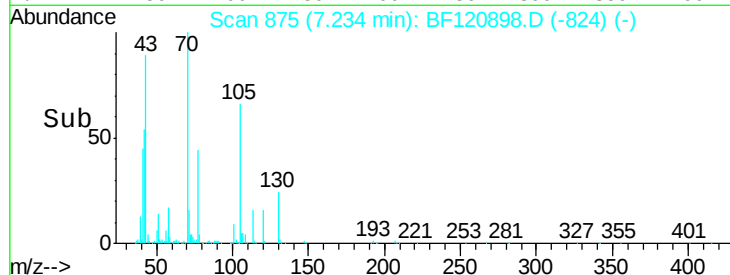
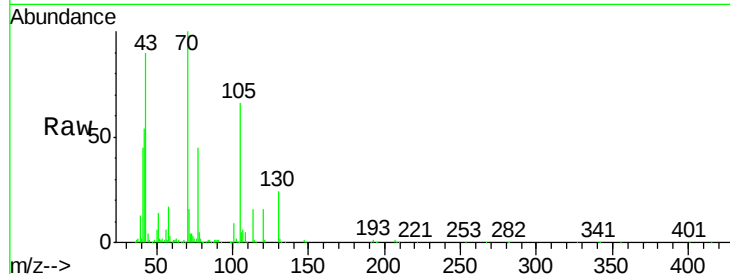


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

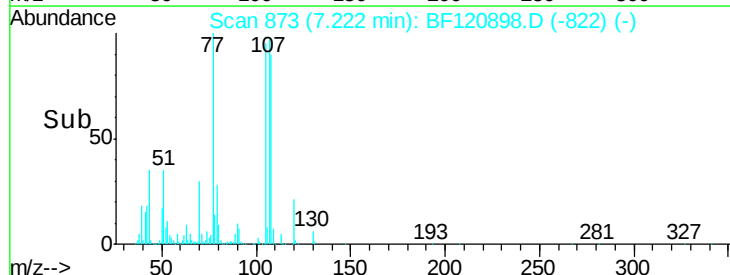
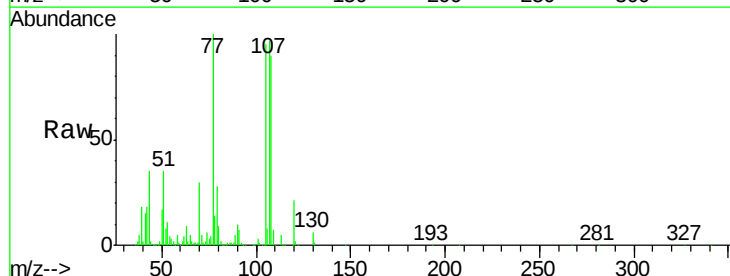
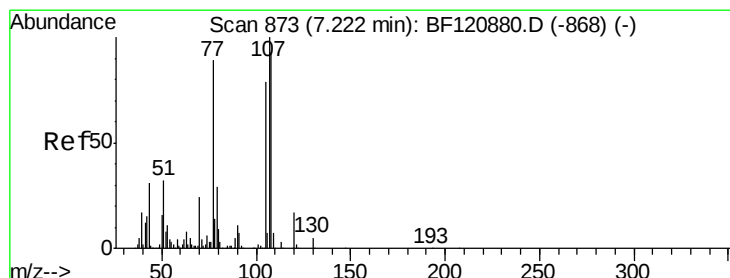
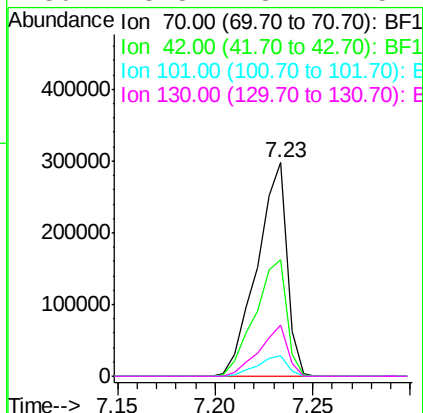




#19
n-Nitroso-di-n-propylamine
Concen: 43.487 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

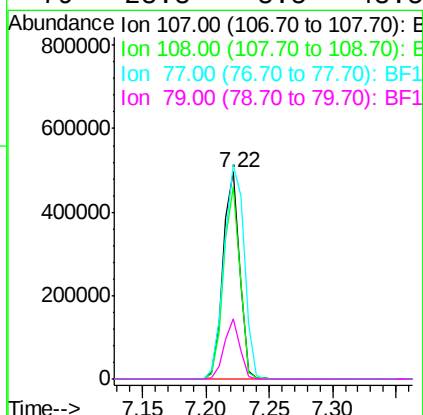
Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

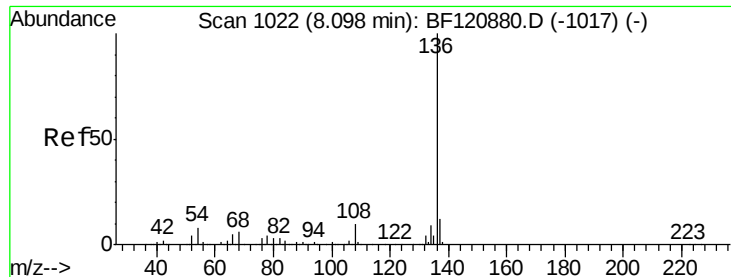
Tot Ion:	70	Resp:	315933
Ion	Ratio	Lower	Upper
70	100		
42	54.5	44.0	66.0
101	9.5	7.8	11.6
130	23.8	18.7	28.1



#20
3+4-Methylphenols
Concen: 37.023 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:	107	Resp:	454830
Ion	Ratio	Lower	Upper
107	100		
108	93.0	72.8	112.8
77	103.2	68.7	108.7
79	28.8	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

Tot Ion:136 Resp: 642549

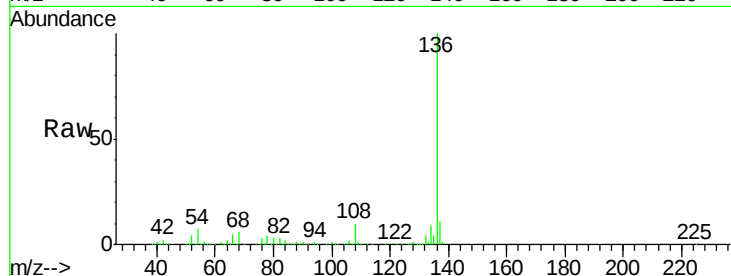
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.2 6.3 9.5

68 5.8 5.0 7.4

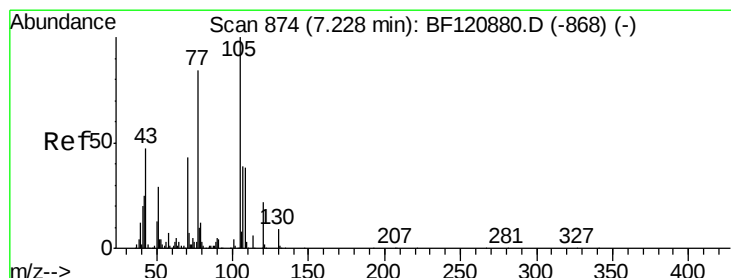
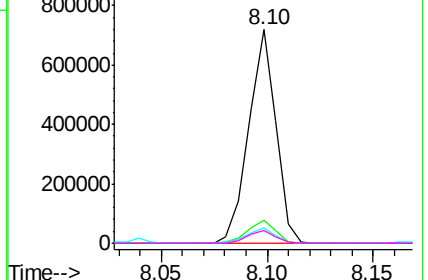
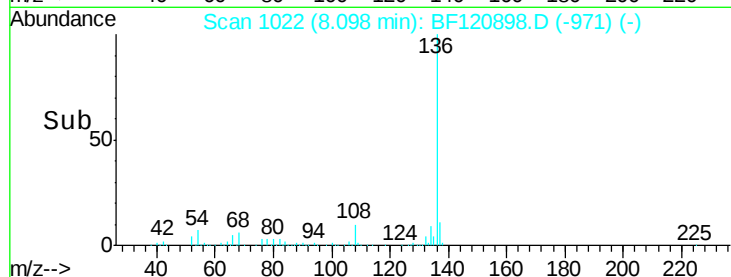


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.522 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:105 Resp: 598775

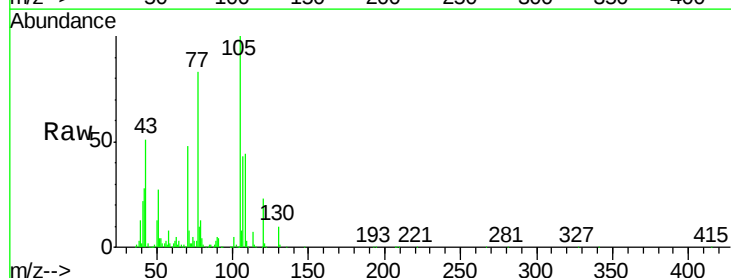
Ion Ratio Lower Upper

105 100

71 8.1 5.7 8.5

51 27.3 22.9 34.3

120 23.0 18.0 27.0

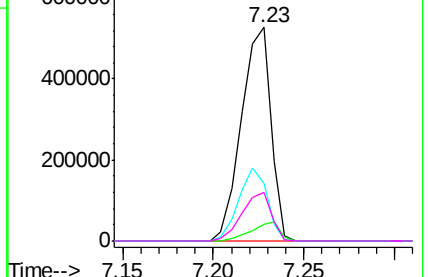
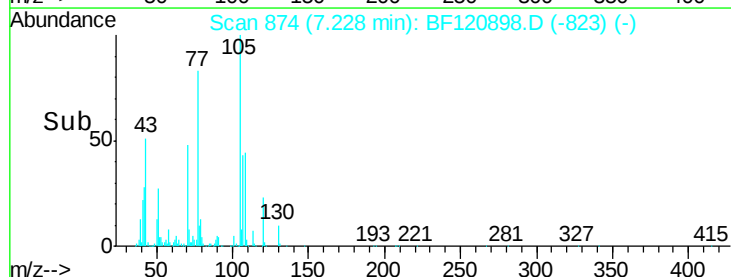


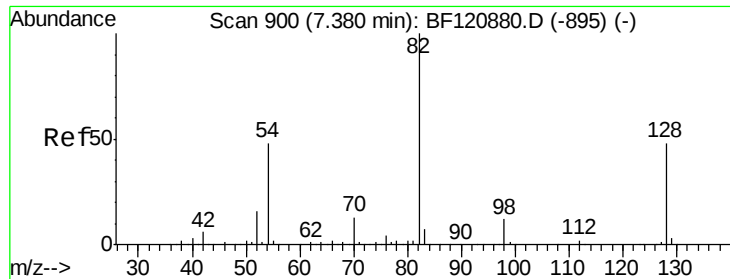
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

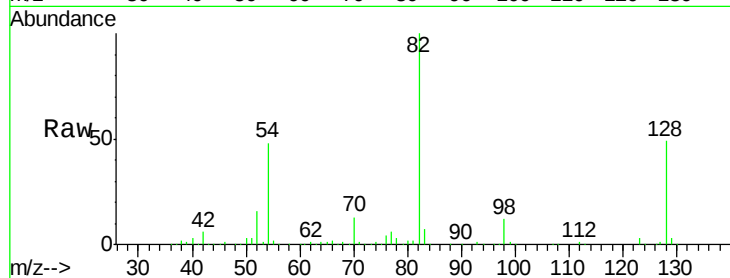




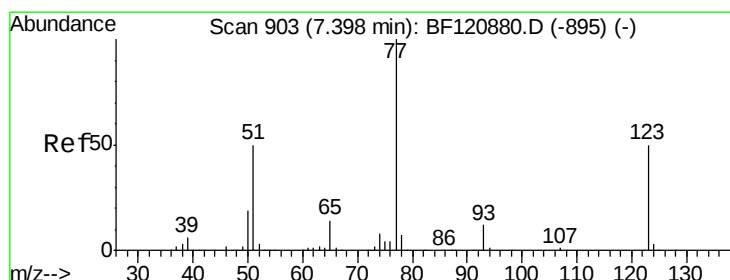
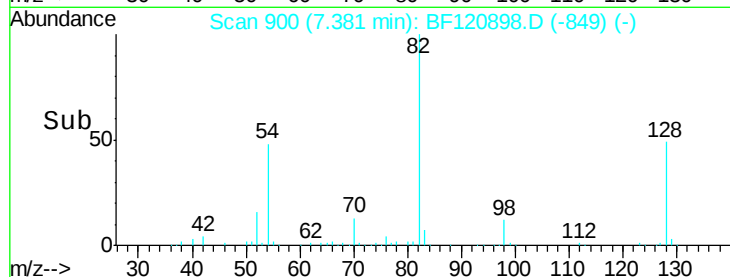
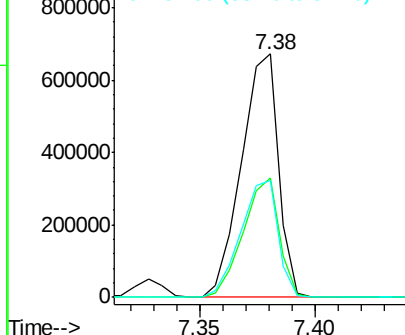
#23
Nitrobenzene-d5
Concen: 67.956 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion: 82 Resp: 754622
Ion Ratio Lower Upper
82 100
128 49.3 38.2 57.4
54 47.8 38.7 58.1

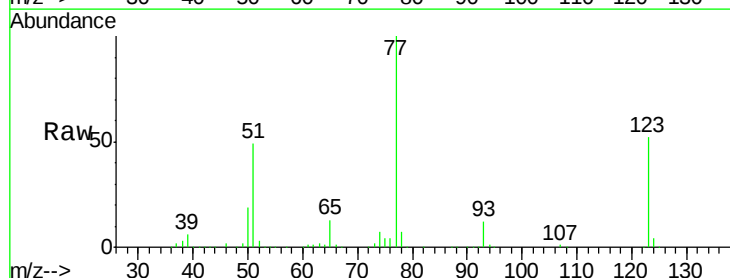


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

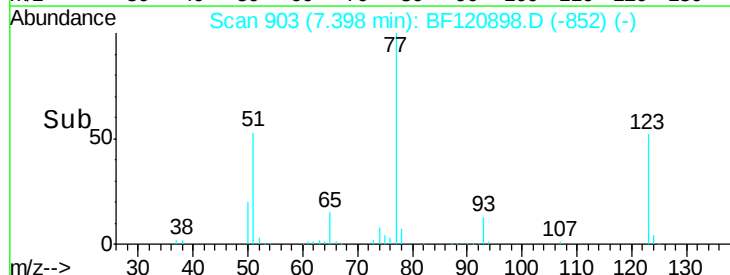
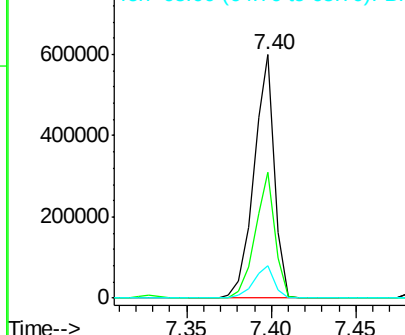


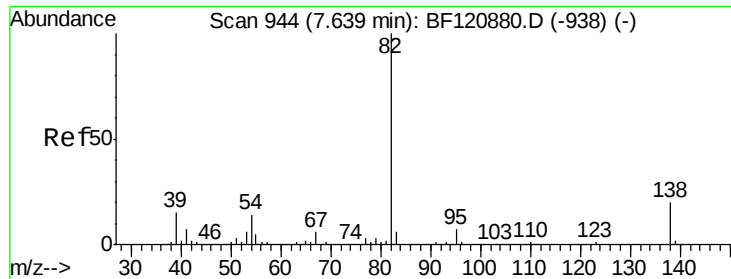
#24
Nitrobenzene
Concen: 42.412 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion: 77 Resp: 507608
Ion Ratio Lower Upper
77 100
123 51.7 40.1 60.1
65 13.3 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.309 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampled :

TP-16-DMSD

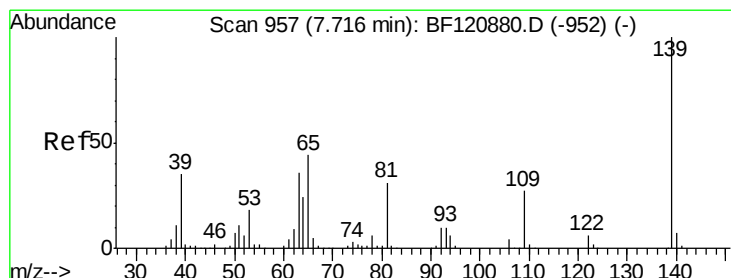
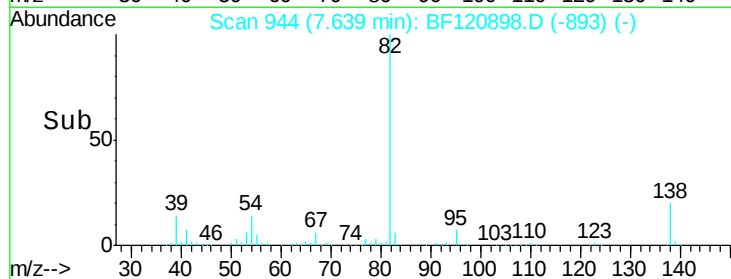
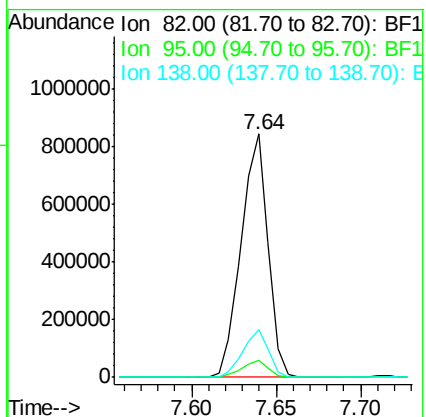
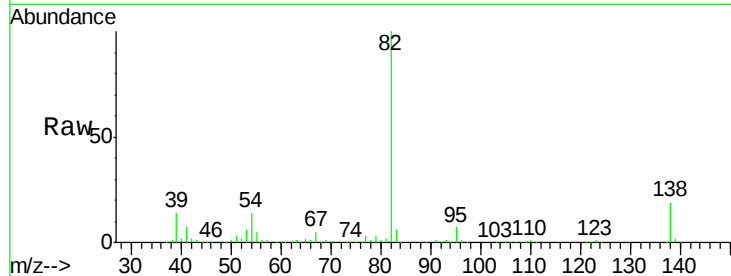
Tot Ion: 82 Resp: 937667

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 19.4 15.6 23.4



#26

2-Nitrophenol

Concen: 46.995 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

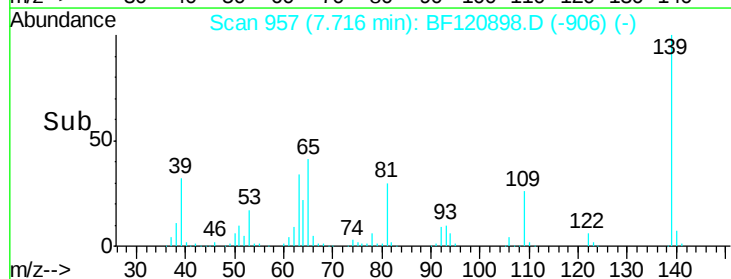
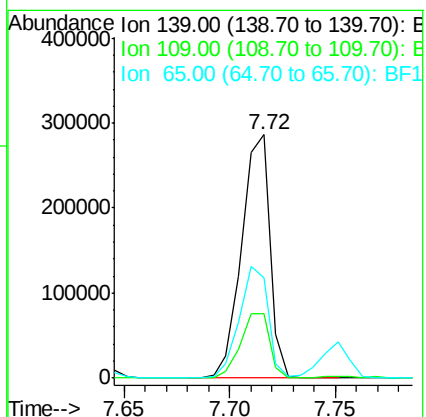
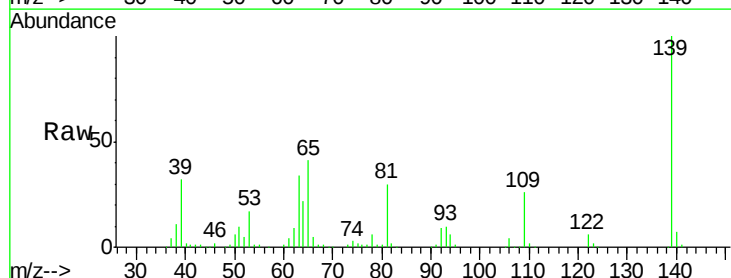
Tgt Ion: 139 Resp: 267131

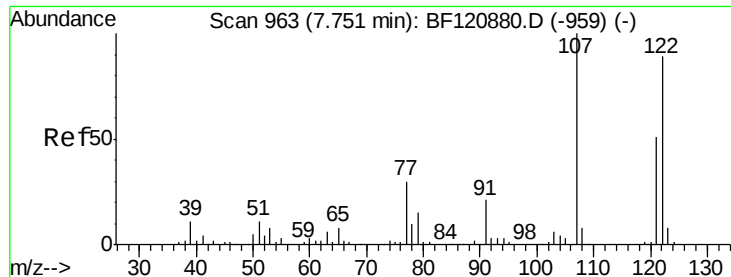
Ion Ratio Lower Upper

139 100

109 26.5 21.6 32.4

65 41.1 35.3 52.9

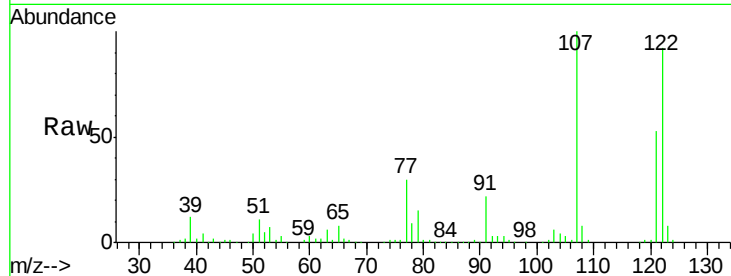




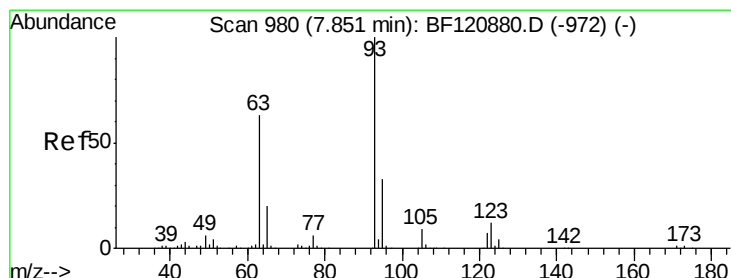
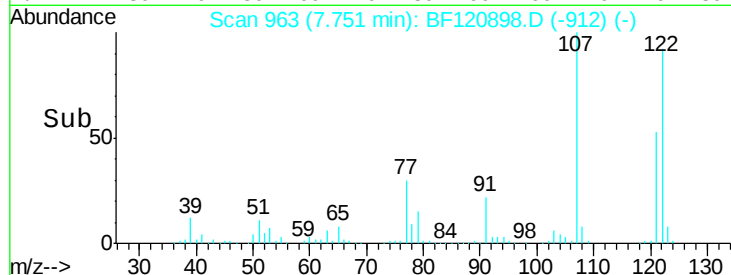
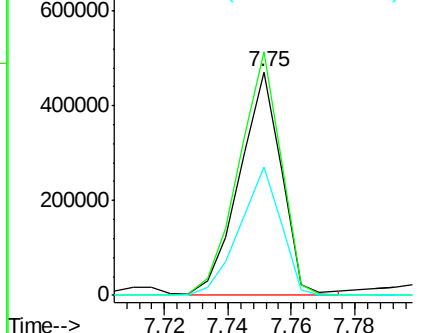
#27
 2,4-Dimethylphenol
 Concen: 46.831 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:122 Resp: 432203
 Ion Ratio Lower Upper
 122 100
 107 108.8 89.4 134.0
 121 57.3 46.0 69.0

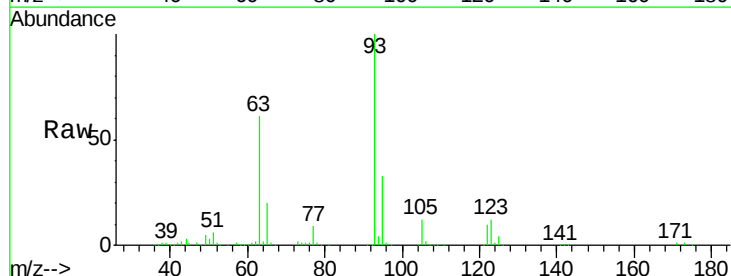


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

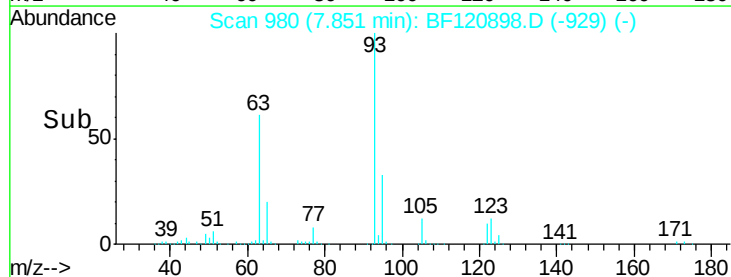
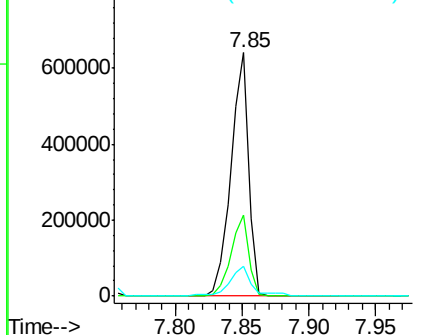


#28
 bis(2-Chloroethoxy)methane
 Concen: 44.475 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion: 93 Resp: 601672
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 39.8
 123 12.1 10.0 15.0



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

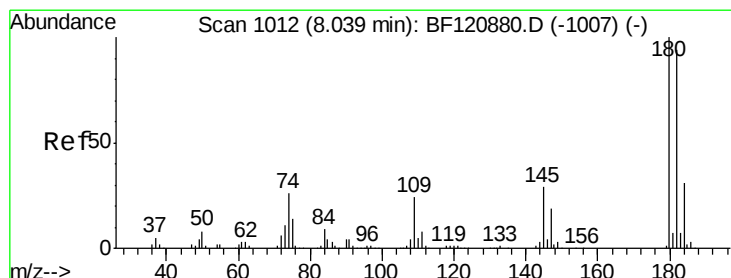
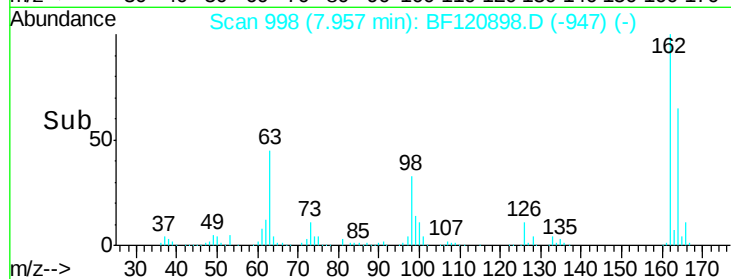
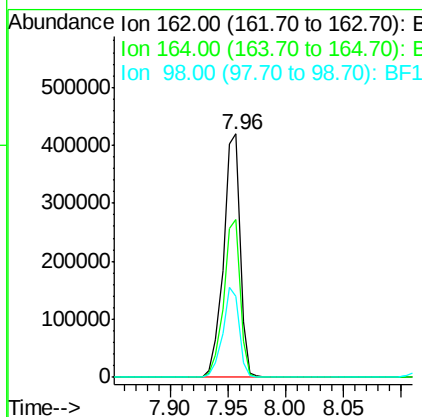
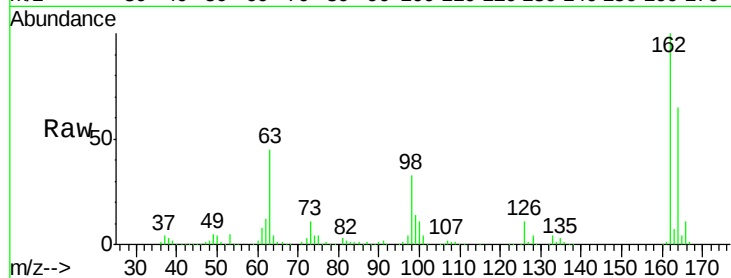




#29
 2,4-Dichlorophenol
 Concen: 44.616 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

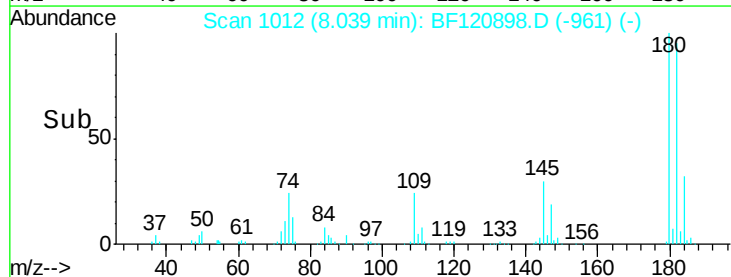
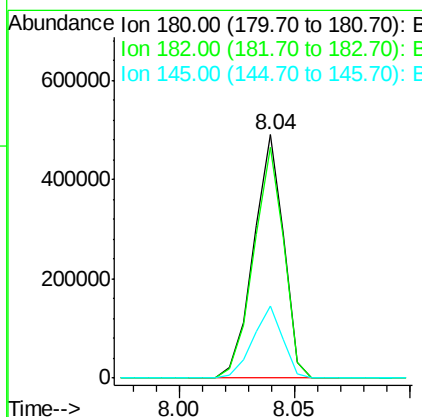
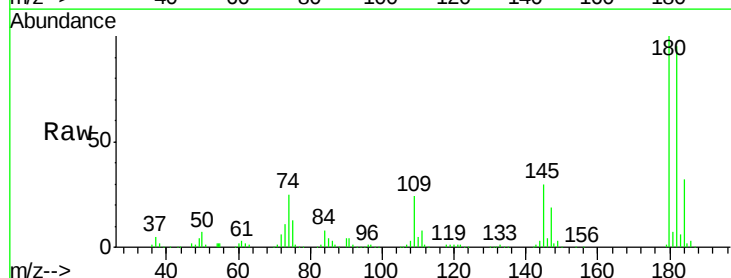
Instrument :
 BNA_F
 ClientSampled :
 TP-16-DMSD

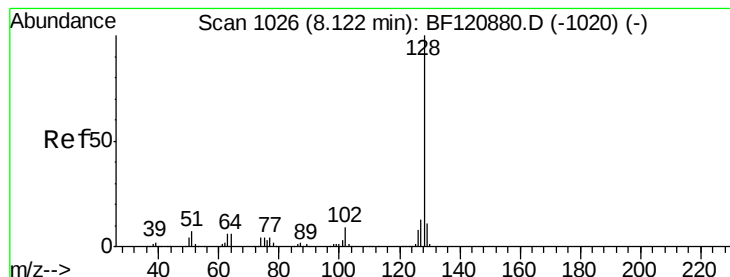
Tot Ion:162 Resp: 420763
 Ion Ratio Lower Upper
 162 100
 164 64.8 45.3 85.3
 98 33.4 13.3 53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.478 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:180 Resp: 444448
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.0 112.6
 145 29.7 23.5 35.3





#31

Naphthalene

Concen: 41.946 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

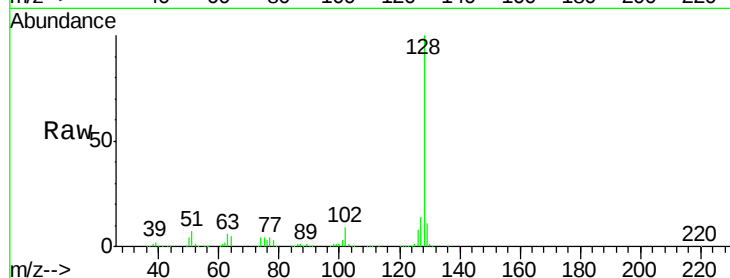
Tot Ion:128 Resp: 1382520

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

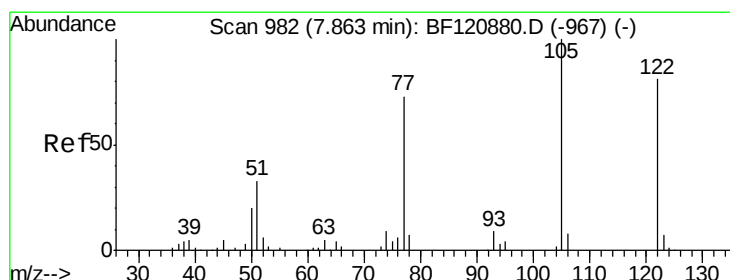
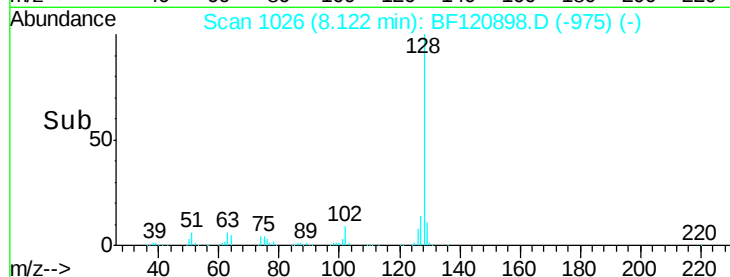
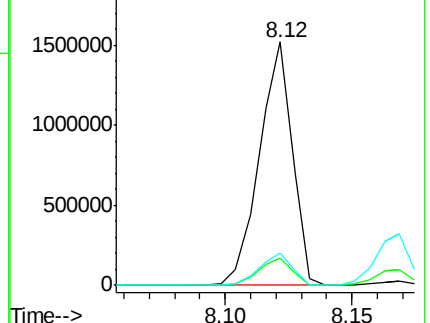
127 13.5 10.7 16.1



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: 49.224 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

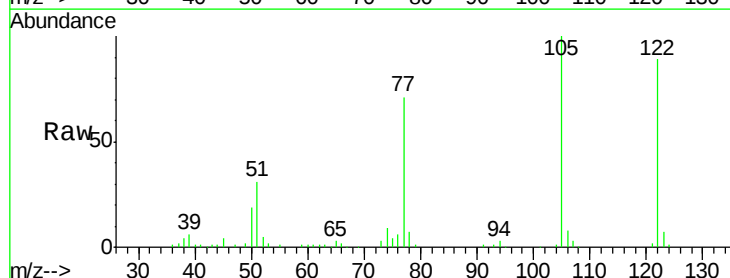
Tgt Ion:122 Resp: 341022

Ion Ratio Lower Upper

122 100

105 111.9 101.3 141.3

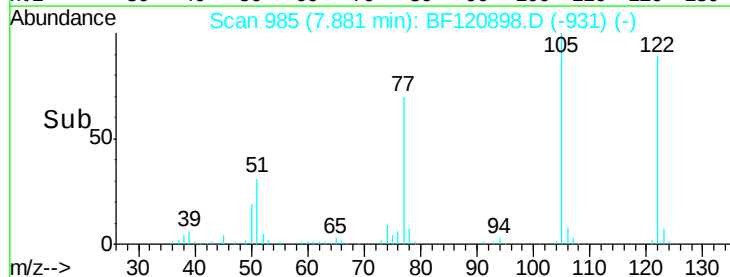
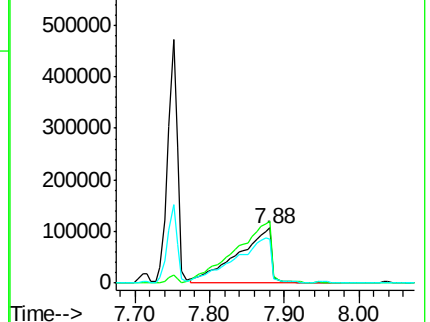
77 79.5 69.1 109.1



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

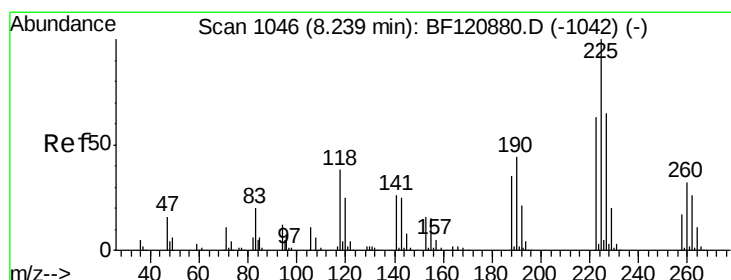
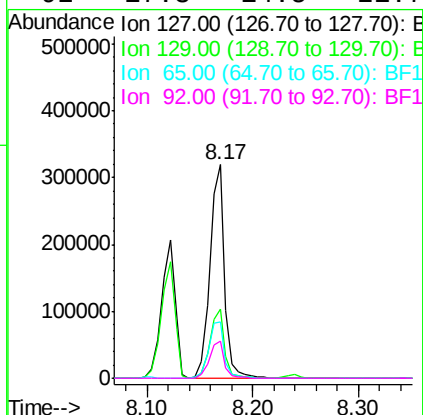
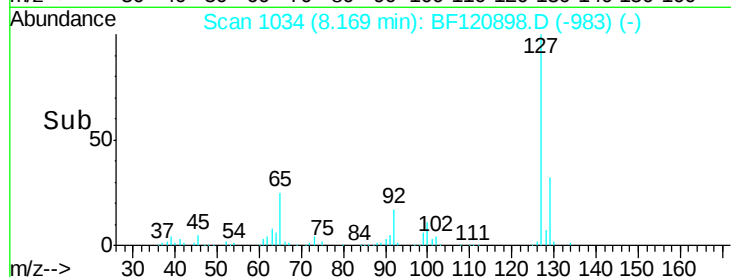
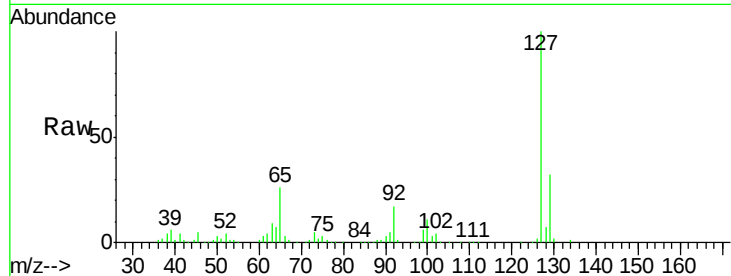




#33
4-Chloroaniline
Concen: 21.299 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

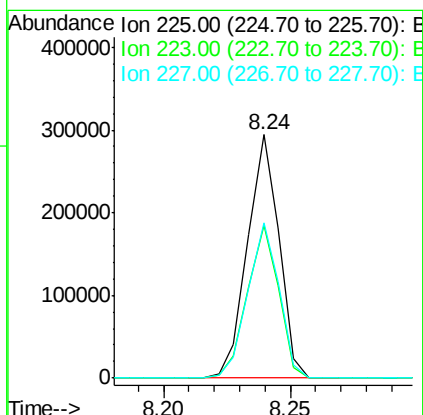
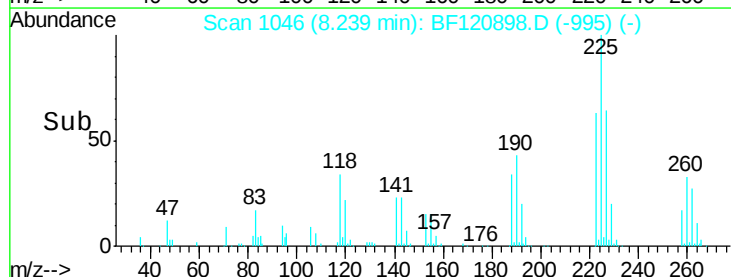
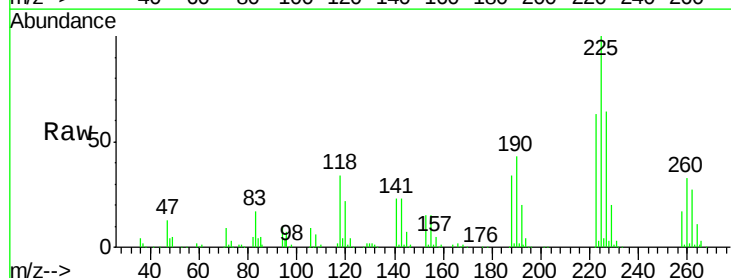
Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion:	127	Resp:	313162
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	26.3	23.0	34.4
92	17.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.234 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:	225	Resp:	254336
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.6	52.2	78.2

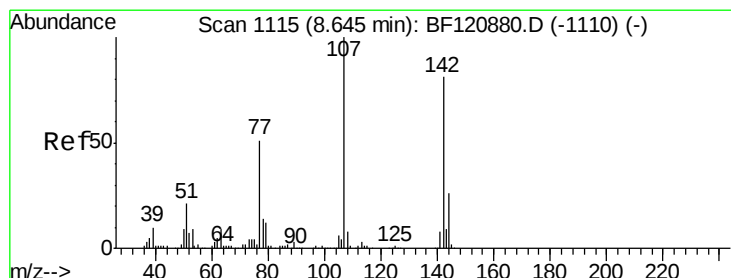
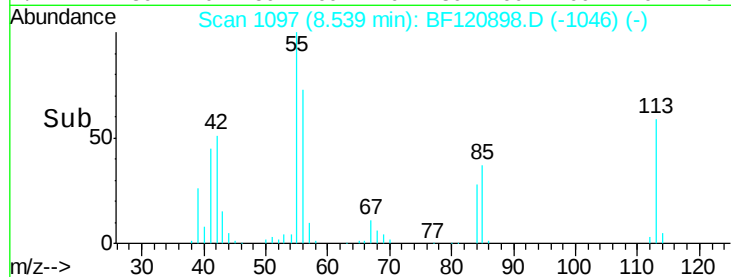
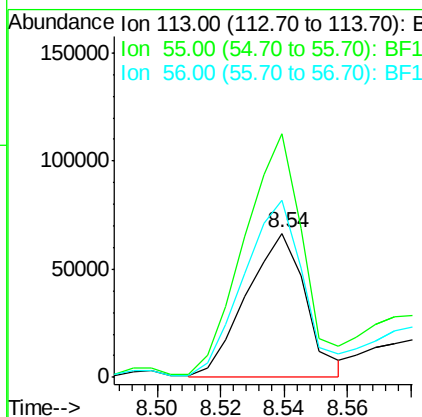
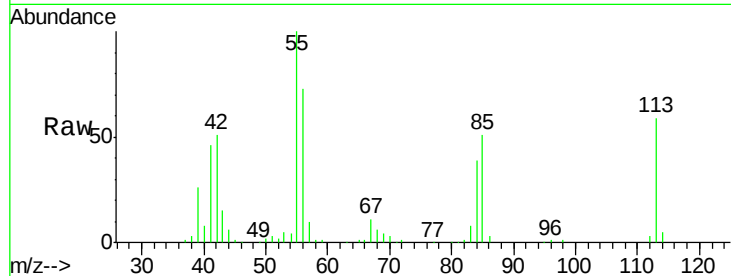




#35
 Caprolactam
 Concen: 28.661 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

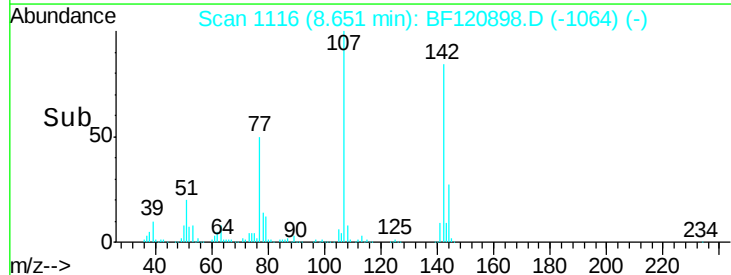
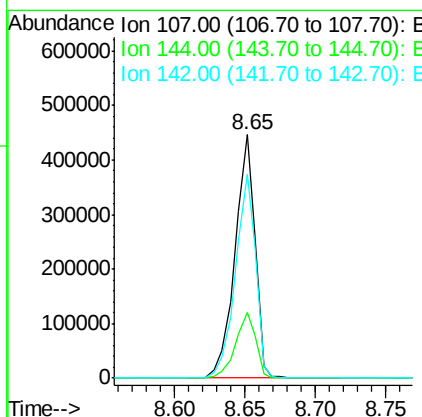
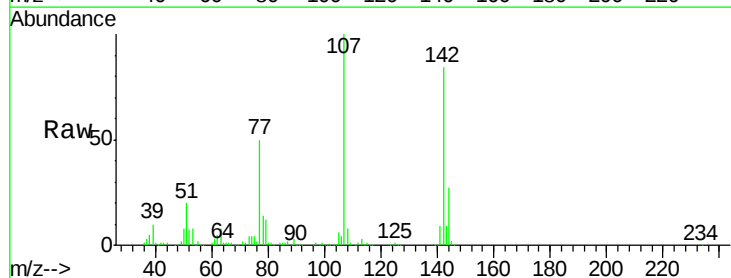
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

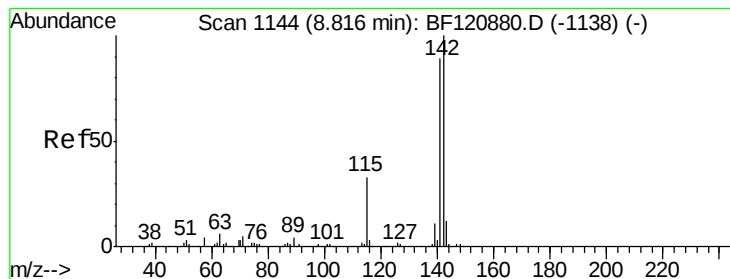
Tot Ion:113 Resp: 86680
 Ion Ratio Lower Upper
 113 100
 55 169.3 143.3 183.3
 56 122.9 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.674 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:107 Resp: 441760
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.0 31.6
 142 83.9 65.0 97.6





#37

2-Methylnaphthalene

Concen: 44.373 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

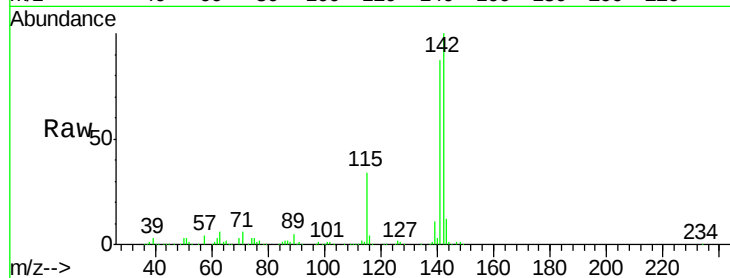
Tot Ion:142 Resp: 949619

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.4

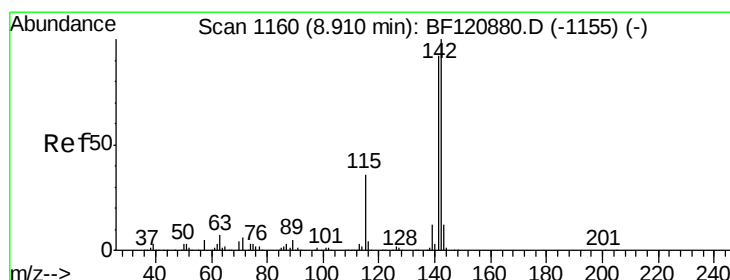
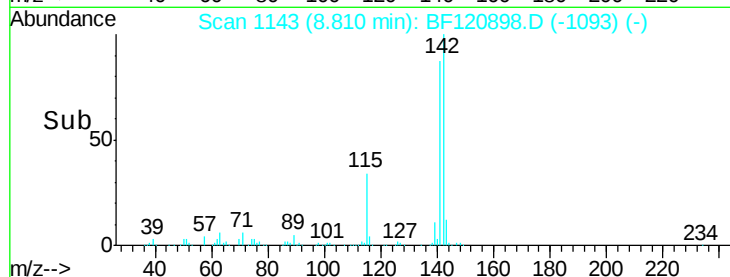
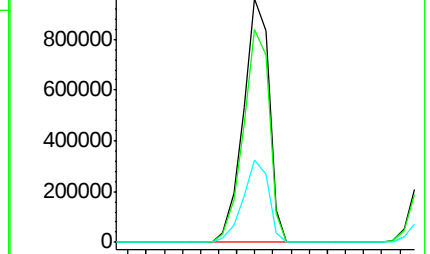
115 33.6 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.030 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

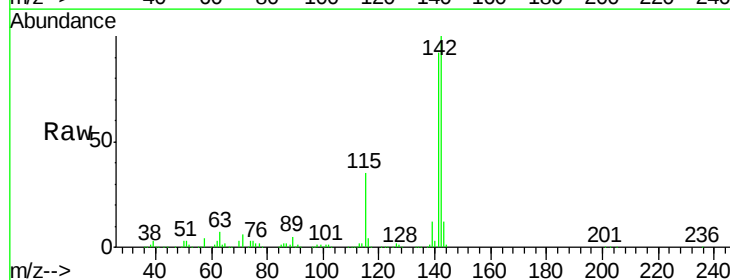
Tgt Ion:142 Resp: 912696

Ion Ratio Lower Upper

142 100

141 91.7 73.7 110.5

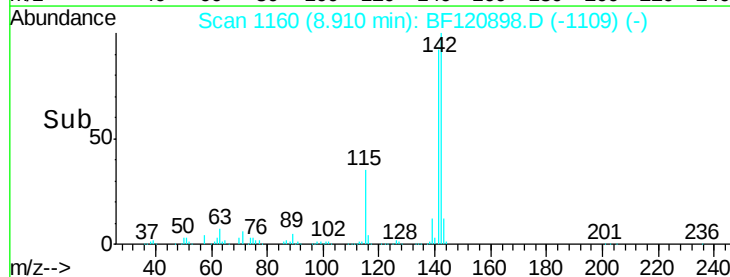
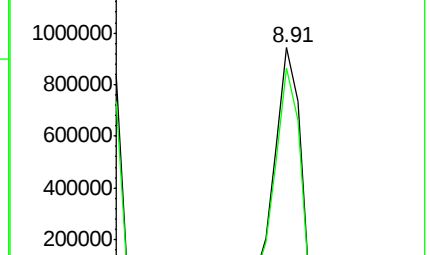
116 3.7 3.0 4.6

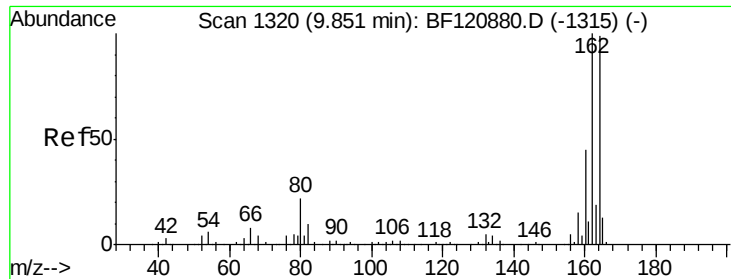


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

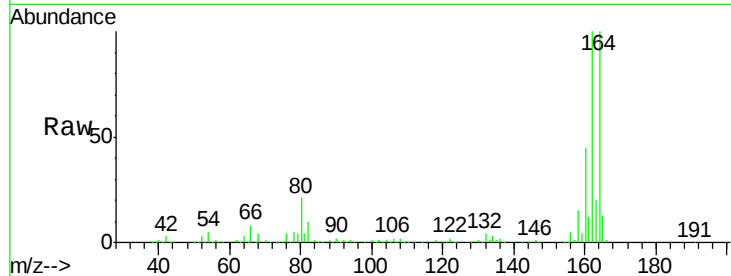




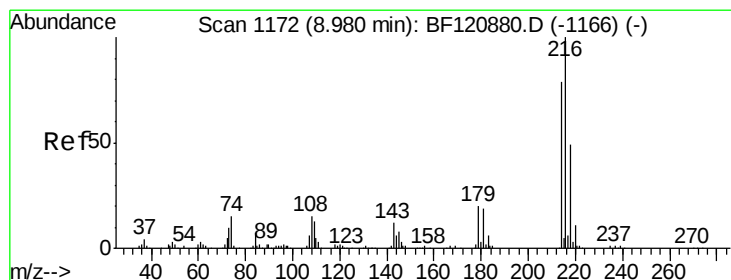
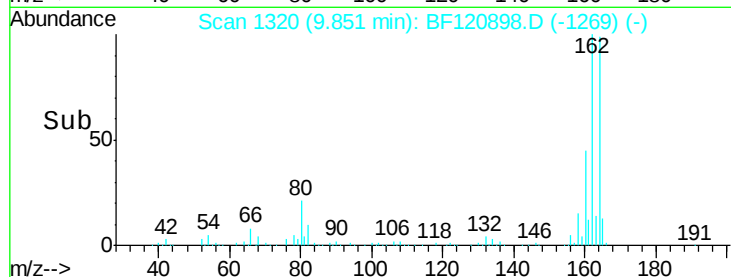
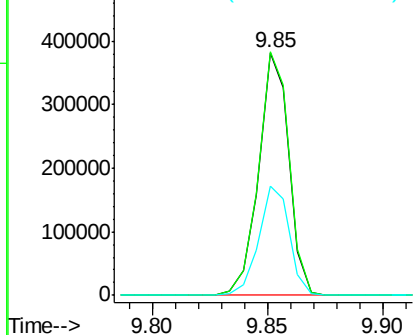
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion:164 Resp: 347272
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 45.3 36.9 55.3

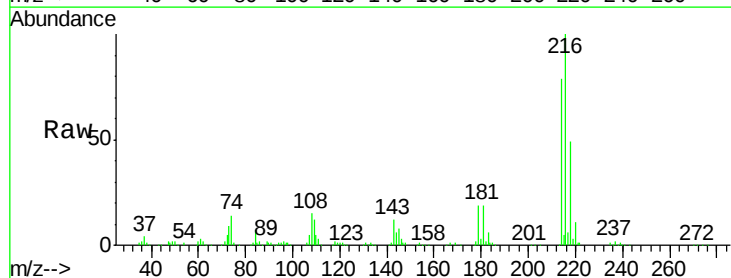


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

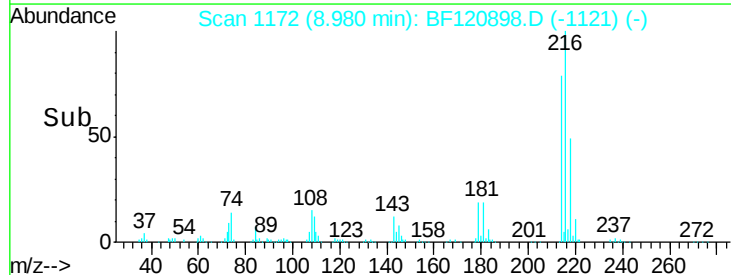
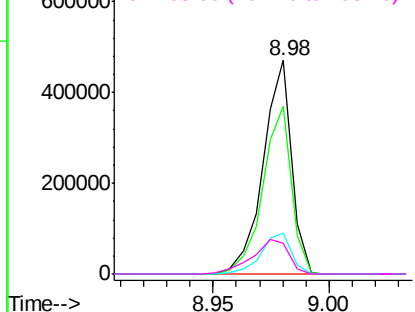


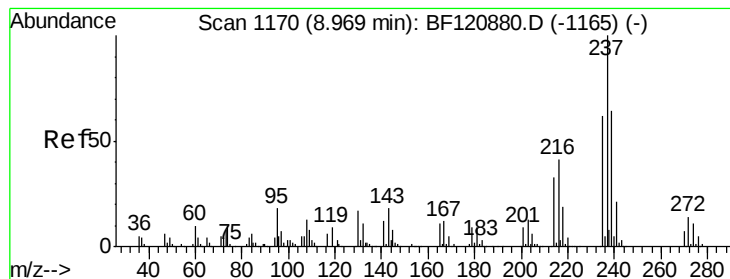
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.843 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:216 Resp: 403132
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.8
179 20.4 16.6 24.8
108 21.0 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.215 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

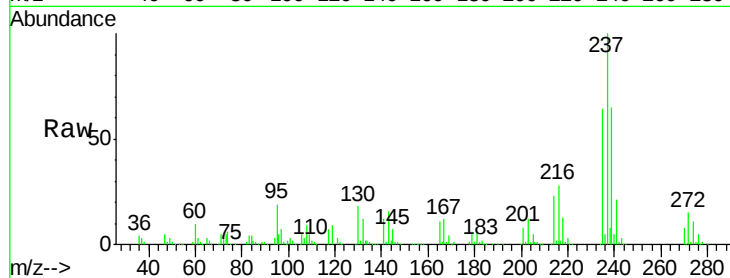
Tot Ion:237 Resp: 459747

Ion Ratio Lower Upper

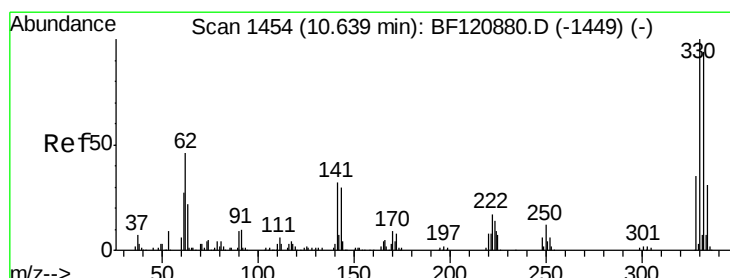
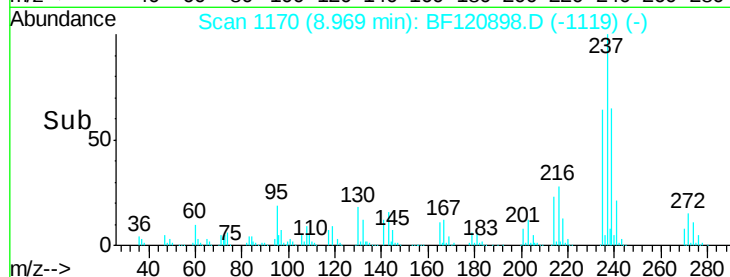
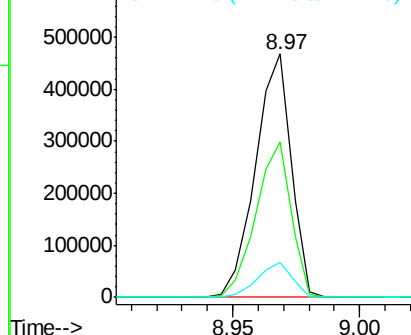
237 100

235 63.7 41.6 81.6

272 14.5 0.0 33.7



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: 103.302 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

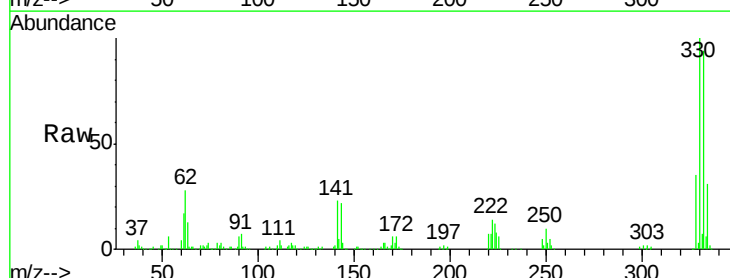
Tgt Ion:330 Resp: 392675

Ion Ratio Lower Upper

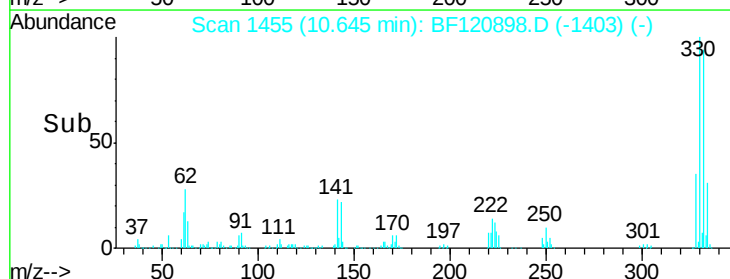
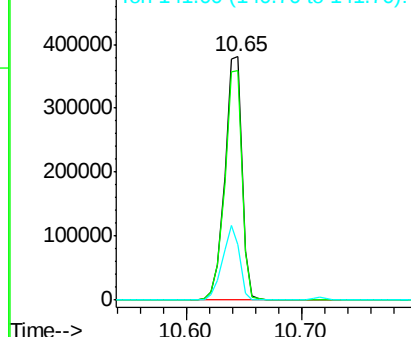
330 100

332 95.0 75.5 113.3

141 30.4 25.7 38.5



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

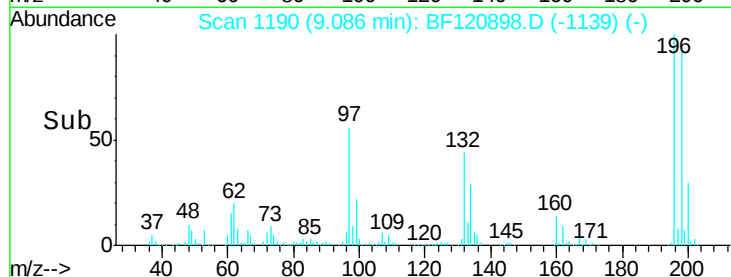
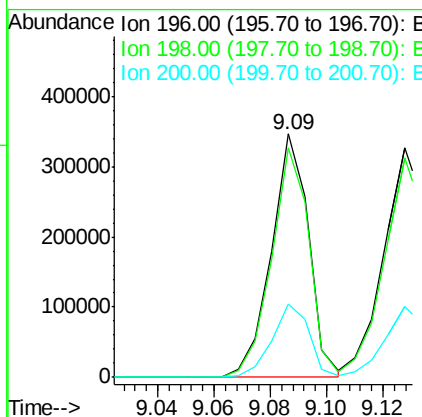
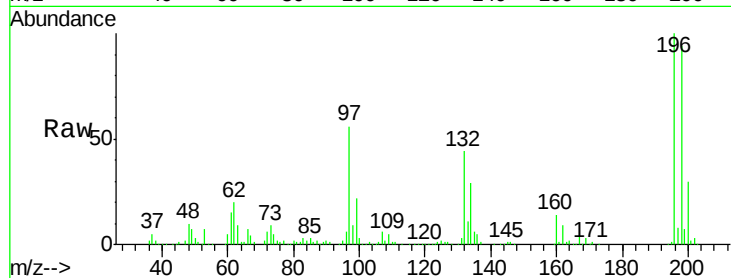




#43
 2,4,6-Trichlorophenol
 Concen: 44.611 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

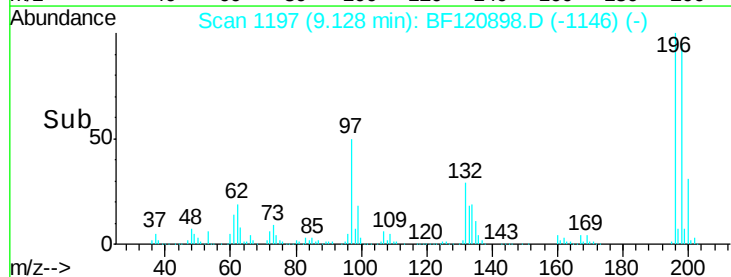
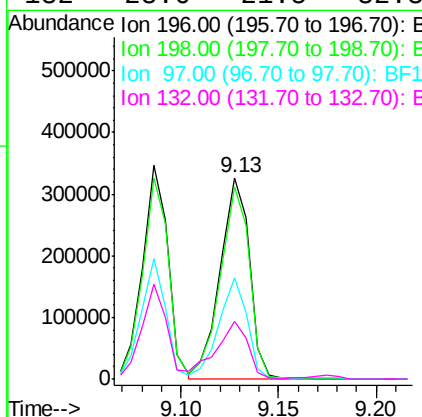
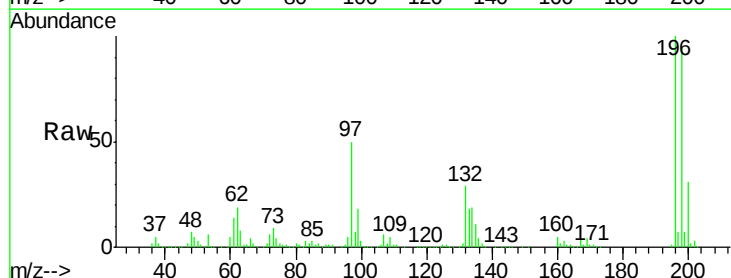
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

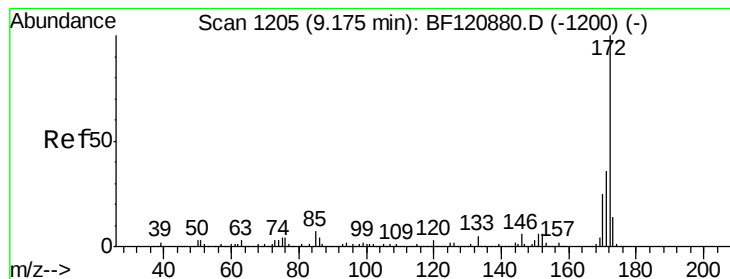
Tot Ion:196 Resp: 317808
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 30.3 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.194 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:196 Resp: 340970
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.6 116.4
 97 50.4 35.6 53.4
 132 28.6 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 61.606 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

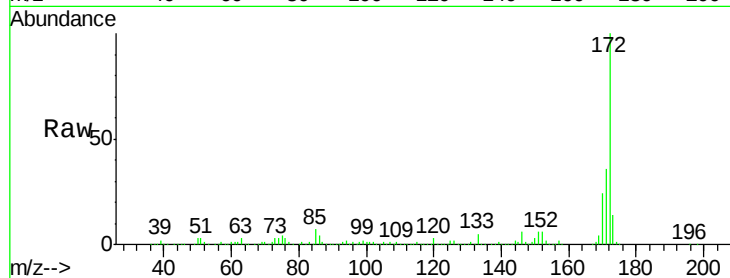
Tot Ion:172 Resp: 1432905

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

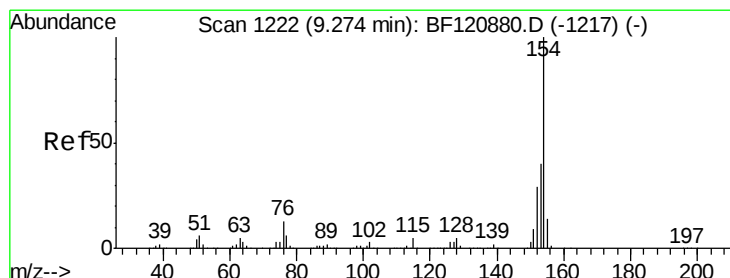
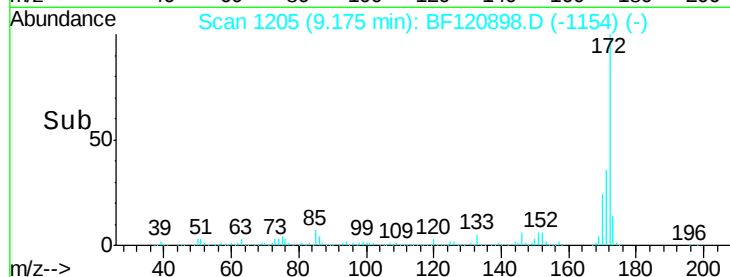
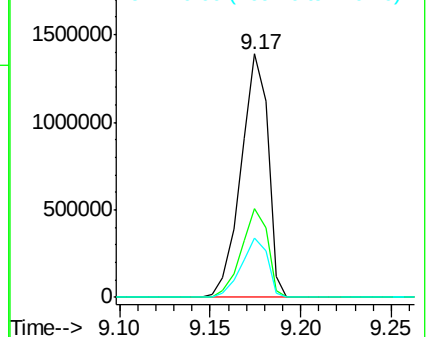
170 24.4 19.6 29.4



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: 42.337 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

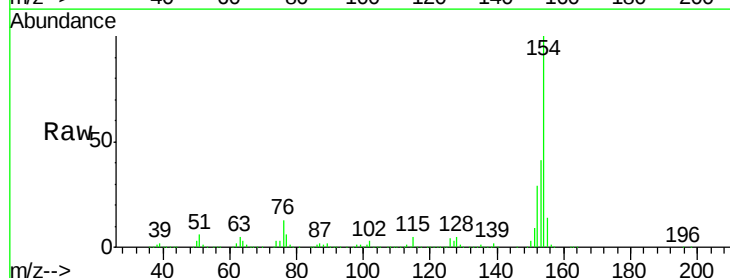
Tgt Ion:154 Resp: 1121511

Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

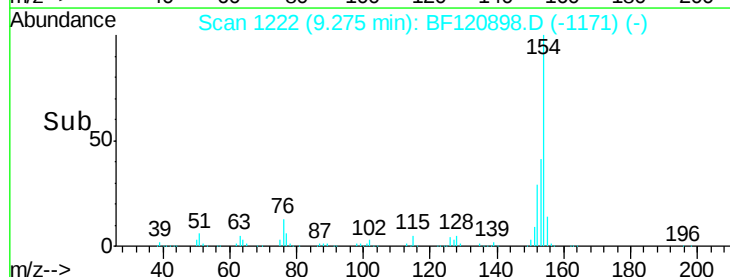
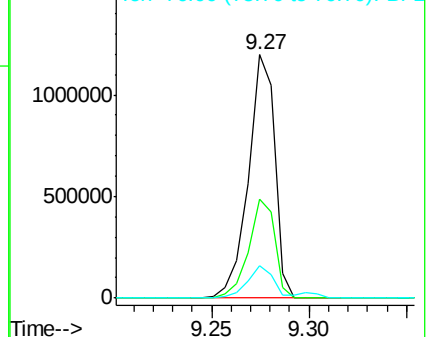
76 13.1 0.0 33.1

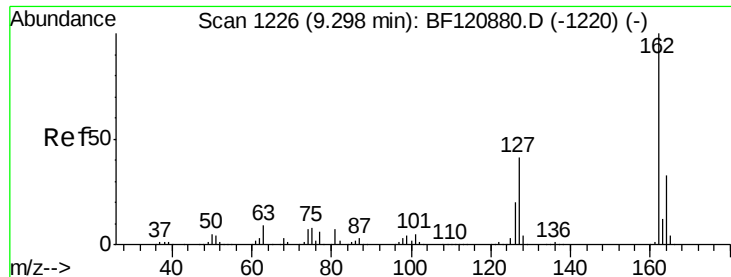


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

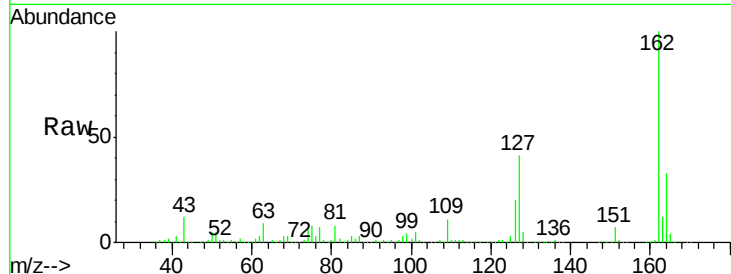




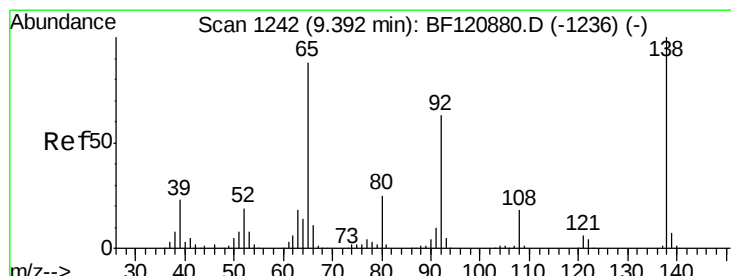
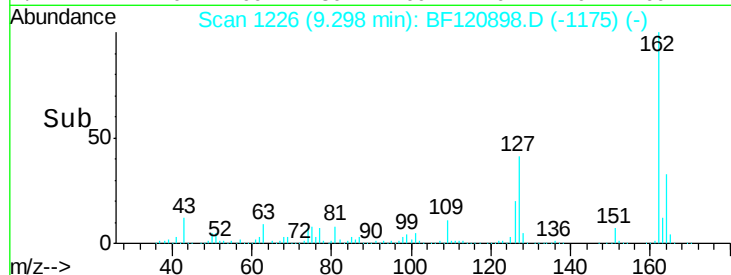
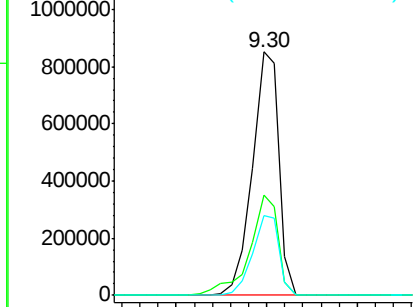
#47
 2-Chloronaphthalene
 Concen: 40.041 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:162 Resp: 864770
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.3 49.9
 164 33.0 26.6 39.8

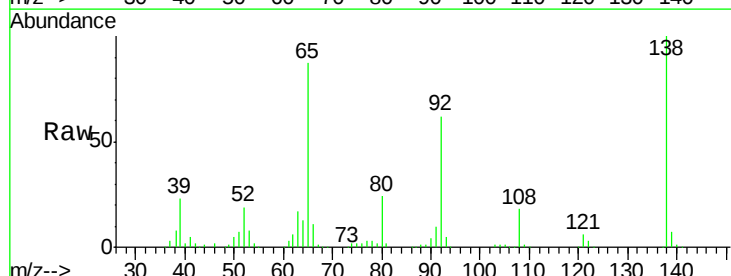


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

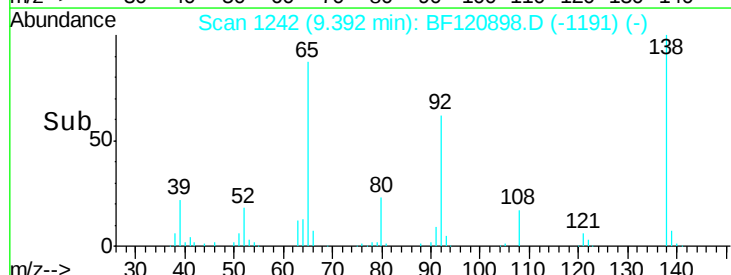
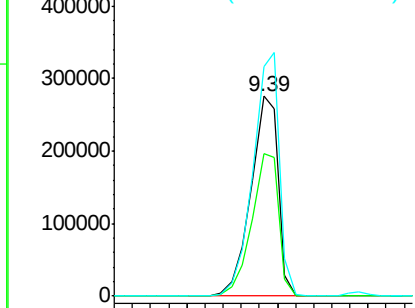


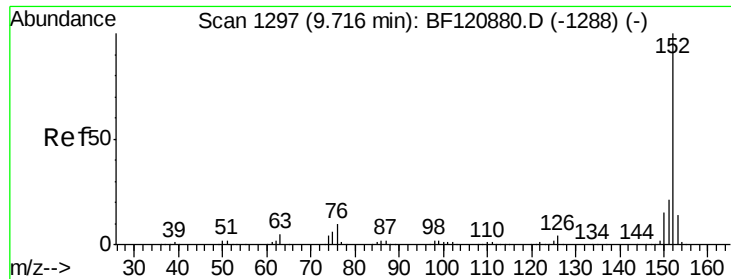
#48
 2-Nitroaniline
 Concen: 44.093 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion: 65 Resp: 287789
 Ion Ratio Lower Upper
 65 100
 92 71.5 57.0 85.4
 138 114.6 90.4 135.6



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: 42.845 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

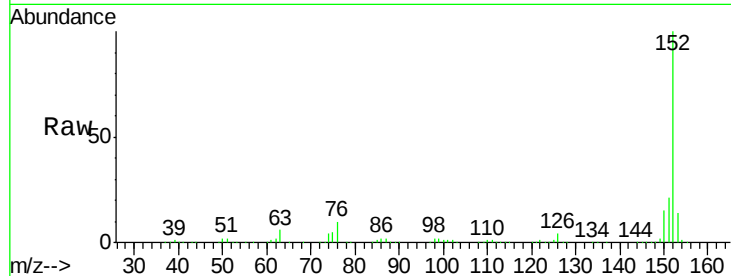
BNA_F

ClientSampleId :

TP-16-DMSD

Tot Ion:152 Resp: 1437527

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	13.5	10.9	16.3

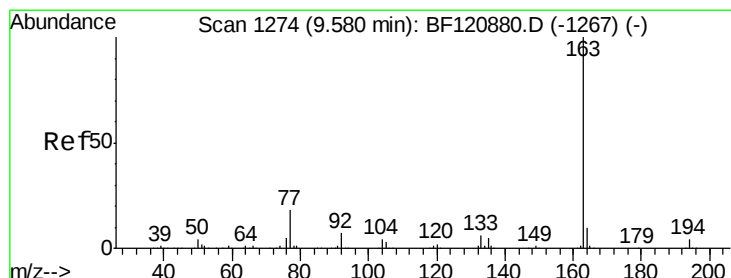
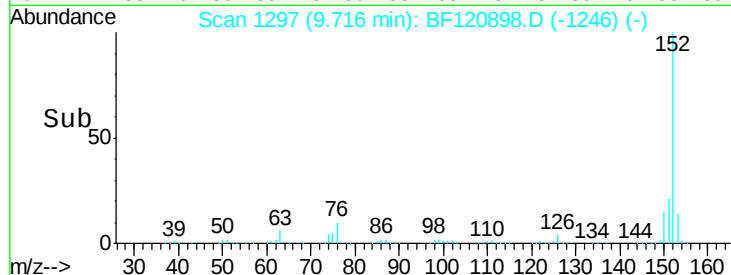
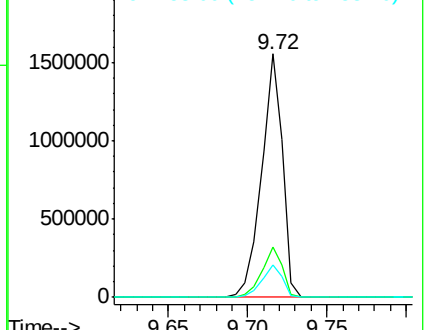


Abundance

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: 51.539 ng

RT: 9.58 min Scan# 1274

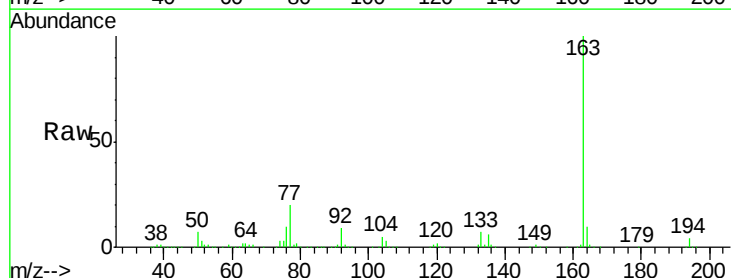
Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Tgt Ion:163 Resp: 1291240

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.9	11.9

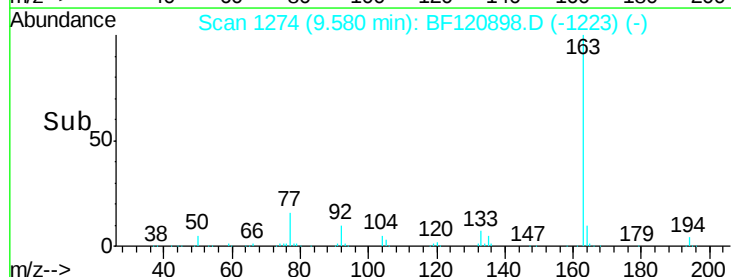
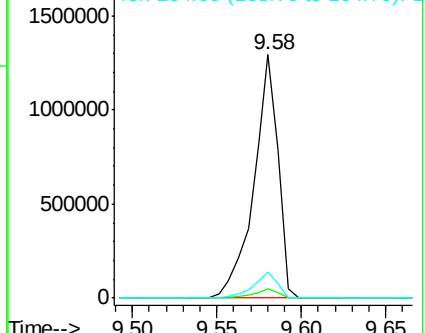


Abundance

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: 46.351 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

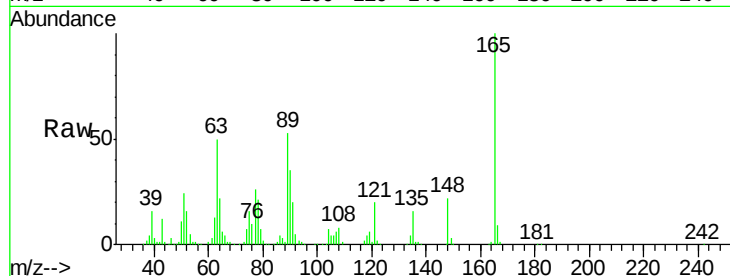
Tot Ion:165 Resp: 249484

Ion Ratio Lower Upper

165 100

63 49.7 45.4 68.2

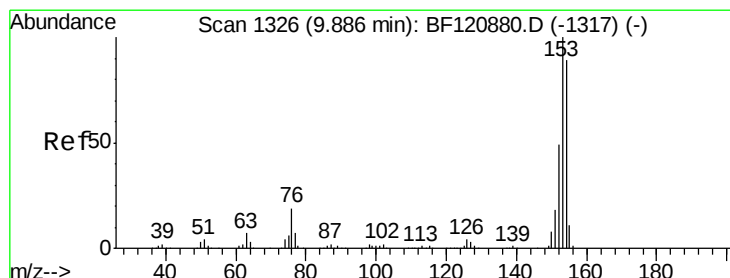
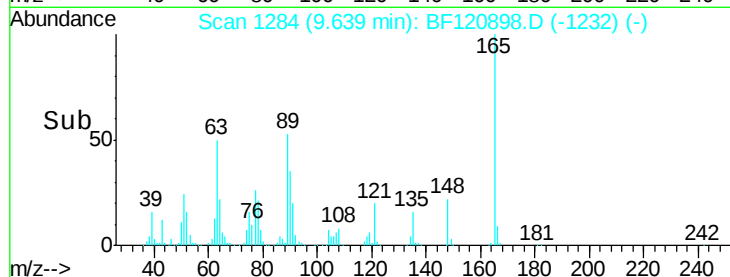
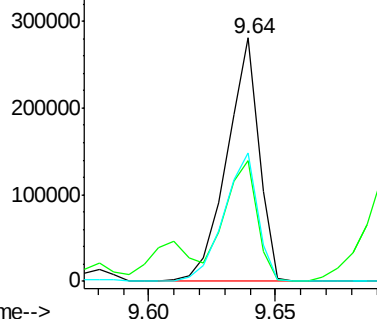
89 52.6 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.927 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

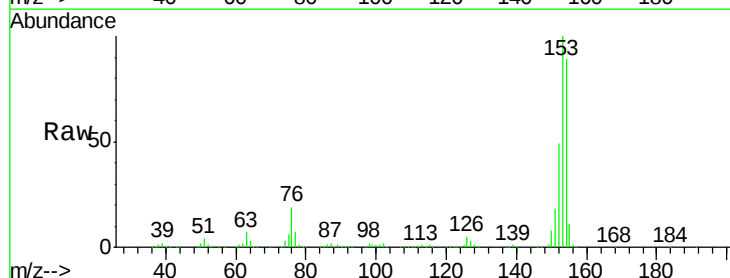
Tgt Ion:154 Resp: 894363

Ion Ratio Lower Upper

154 100

153 111.7 89.5 134.3

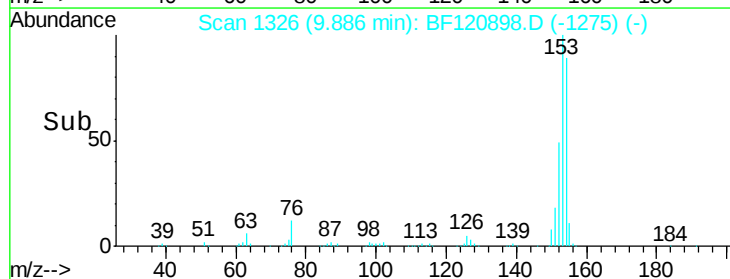
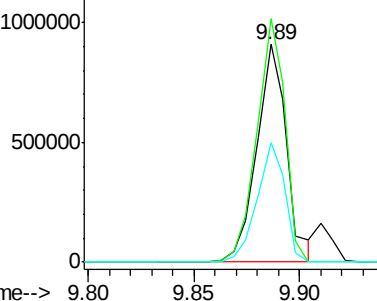
152 54.7 44.2 66.2

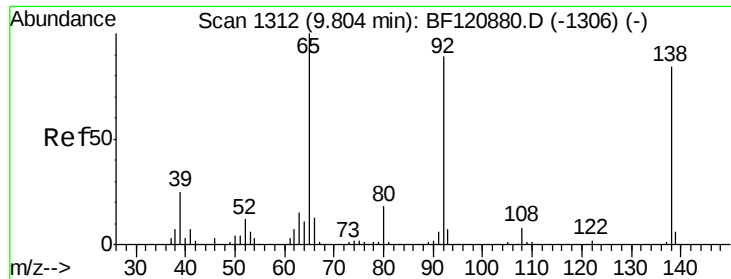


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

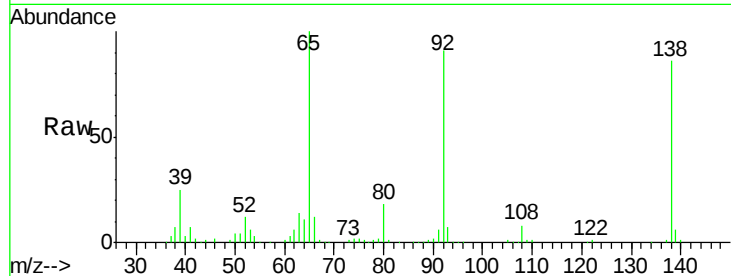




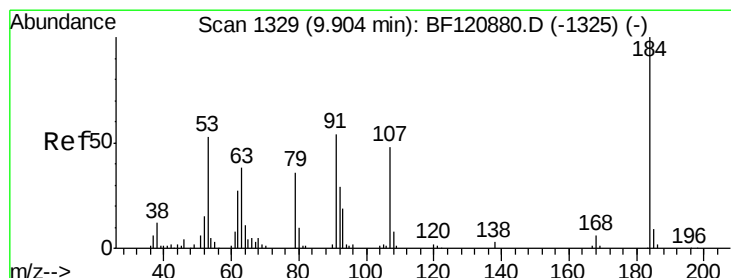
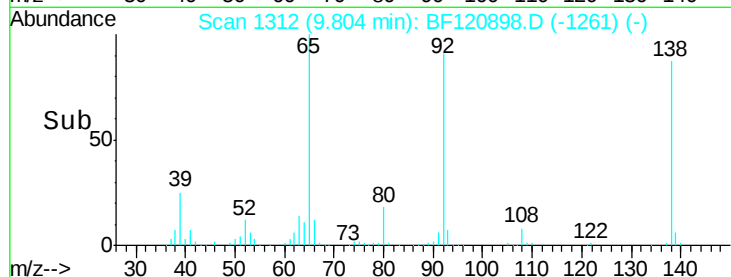
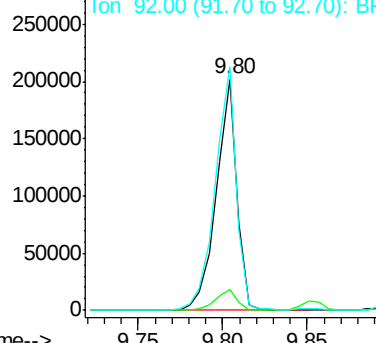
#53
3-Nitroaniline
Concen: 25.495 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion:138 Resp: 172105
Ion Ratio Lower Upper
138 100
108 9.1 7.9 11.9
92 105.3 85.3 127.9

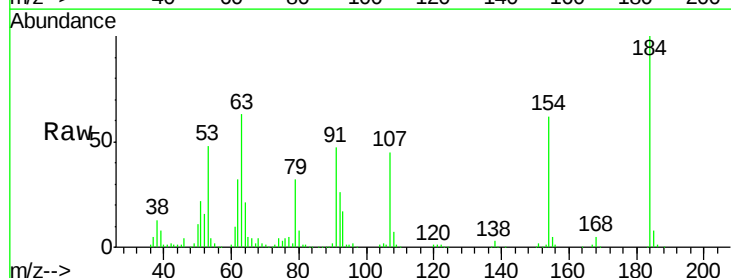


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

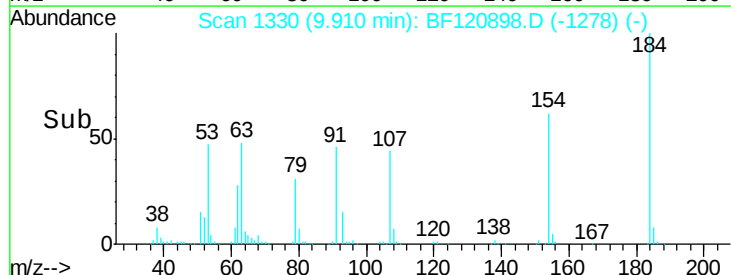
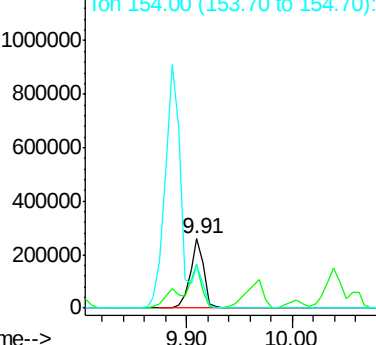


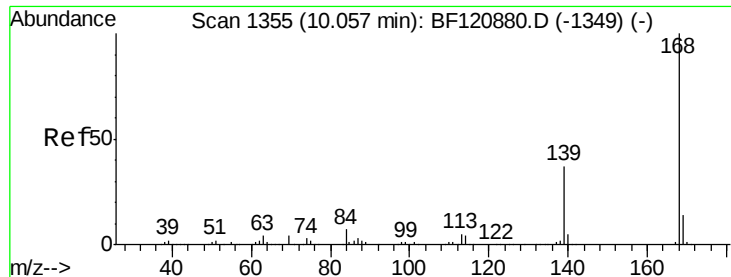
#54
2,4-Dinitrophenol
Concen: 75.644 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:184 Resp: 233099
Ion Ratio Lower Upper
184 100
63 63.0 57.9 86.9
154 62.0 52.6 78.8



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

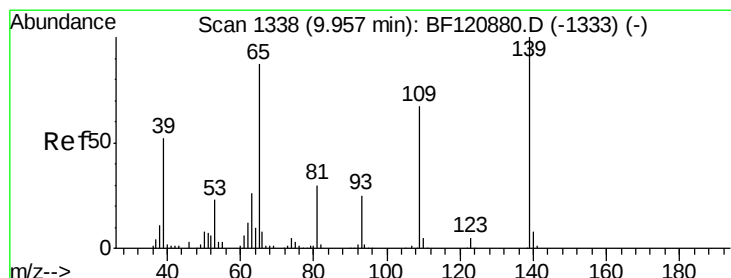
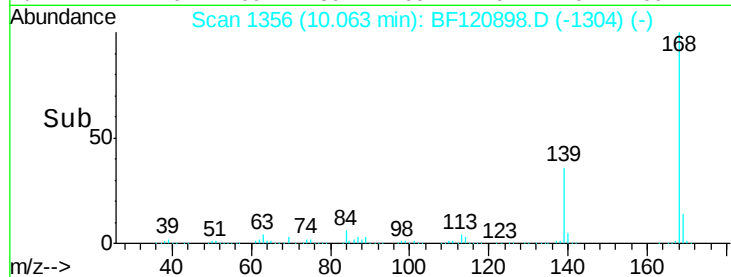
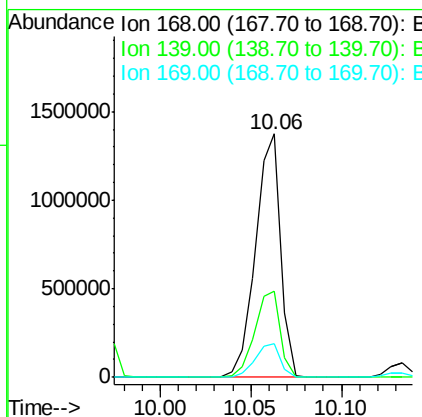
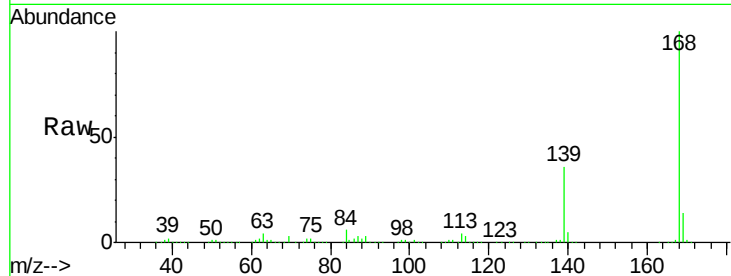




#55
Dibenzenofuran
Concen: 42.638 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

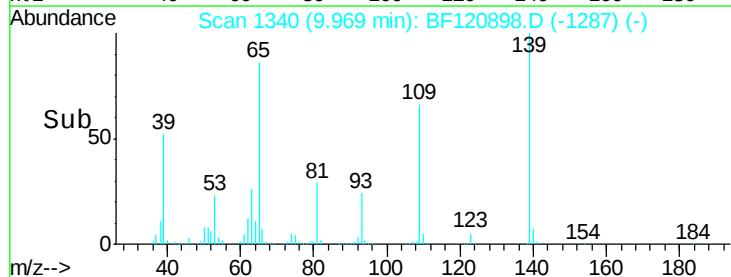
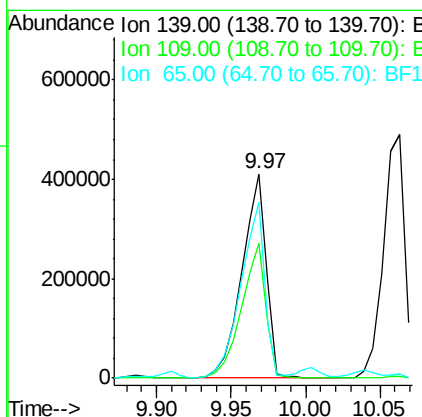
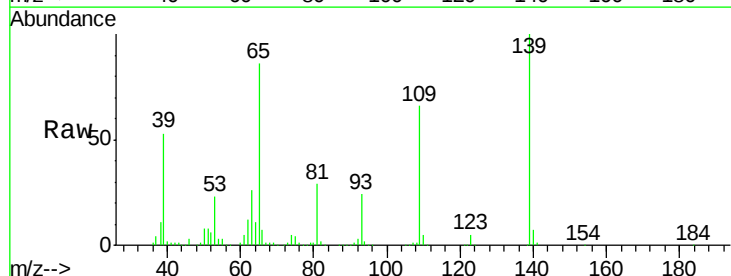
Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

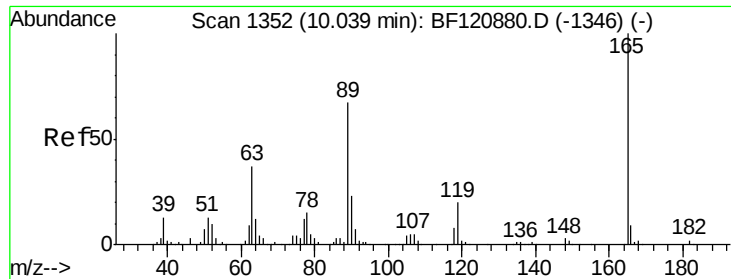
Tot Ion:168 Resp: 1315275
Ion Ratio Lower Upper
168 100
139 35.6 29.7 44.5
169 13.7 11.1 16.7



#56
4-Nitrophenol
Concen: 90.606 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:139 Resp: 464624
Ion Ratio Lower Upper
139 100
109 66.0 47.3 87.3
65 86.1 67.2 107.2

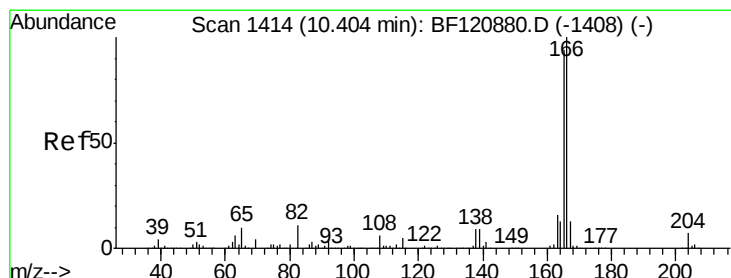
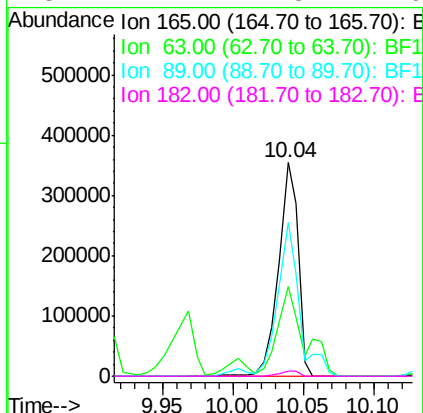
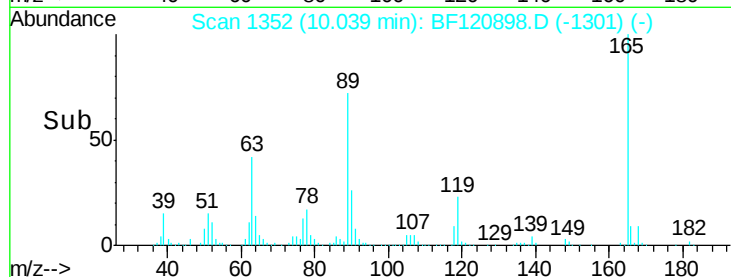
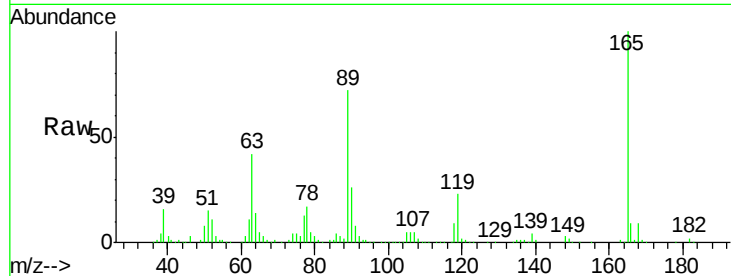




#57
2,4-Dinitrotoluene
Concen: 48.667 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

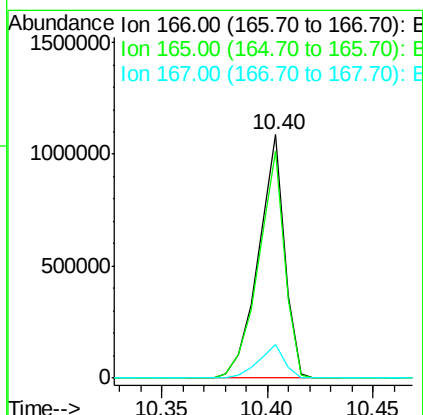
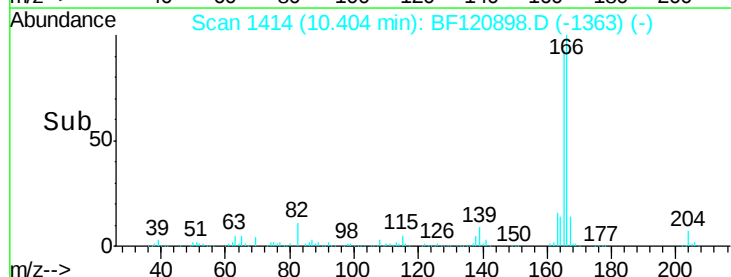
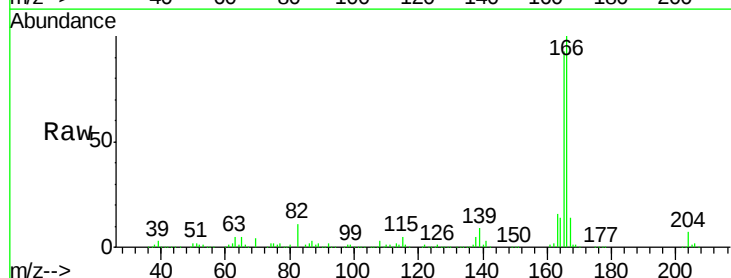
Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	29.4	44.2
89	71.9	53.4	80.0
182	2.4	1.8	2.6



#58
Fluorene
Concen: 40.886 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.4	113.0
167	13.8	10.6	15.8

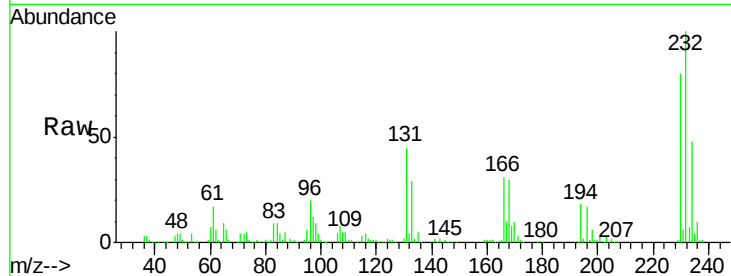




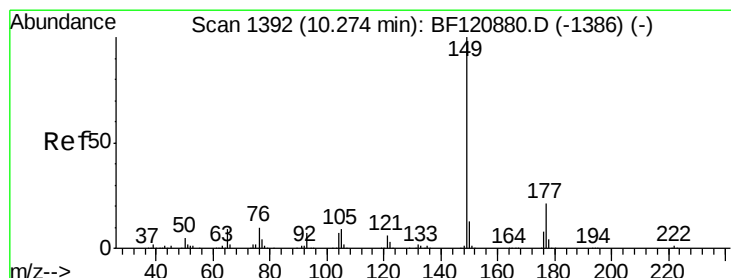
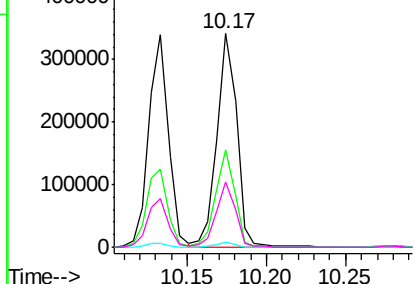
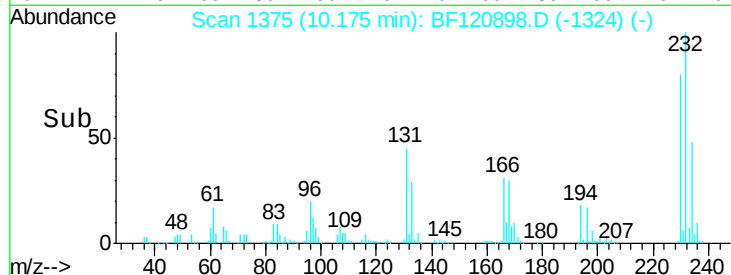
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.922 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:232 Resp: 294847
 Ion Ratio Lower Upper
 232 100
 131 44.7 37.1 55.7
 130 2.3 1.7 2.5
 166 29.9 24.2 36.4

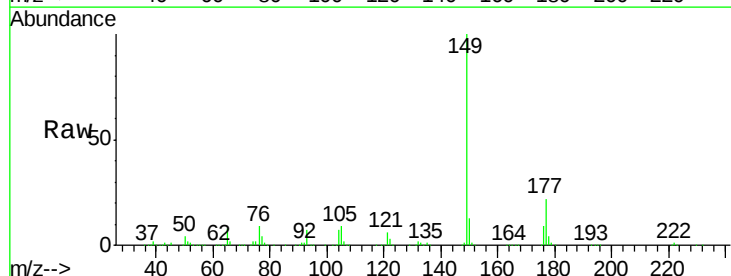


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

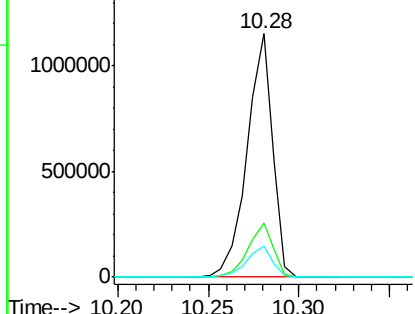
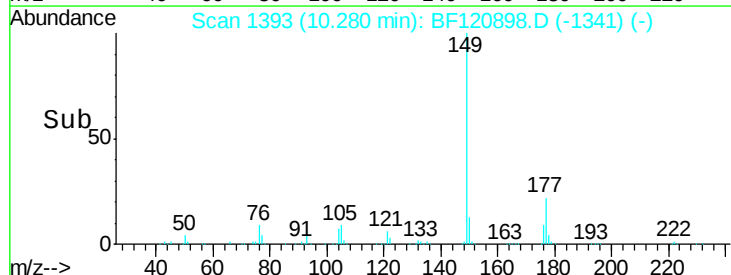


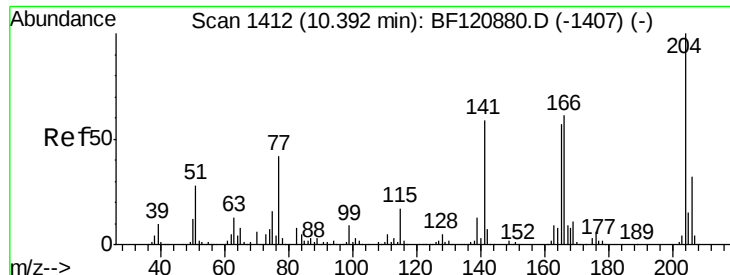
#60
 Diethylphthalate
 Concen: 44.148 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:149 Resp: 1118755
 Ion Ratio Lower Upper
 149 100
 177 22.1 17.1 25.7
 150 12.9 10.3 15.5



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

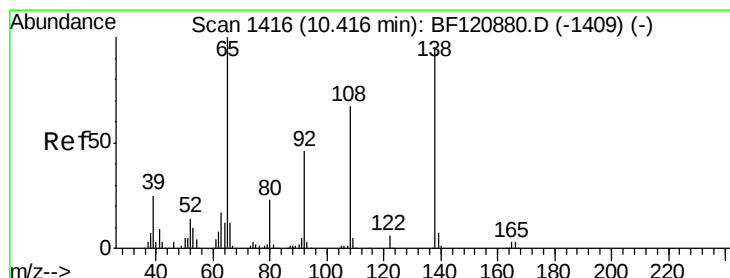
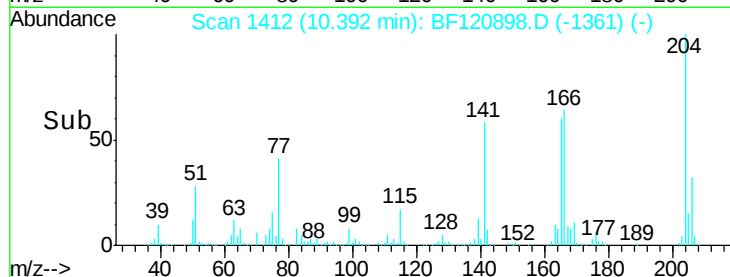
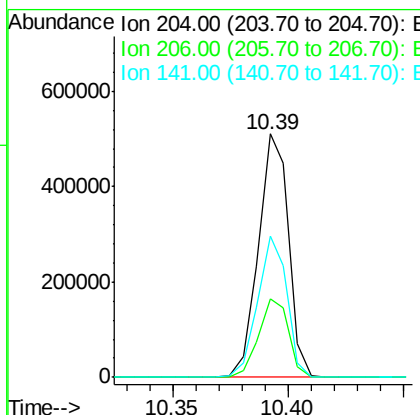
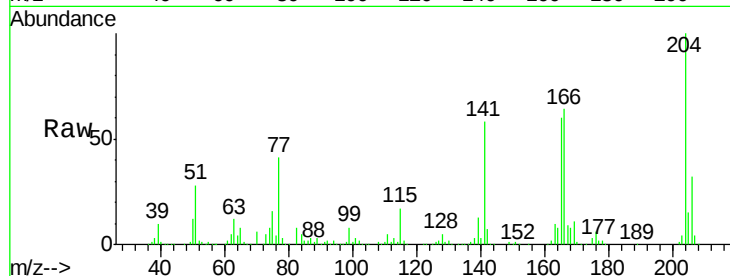




#61
 4-Chlorophenyl-phenylether
 Concen: 37.762 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

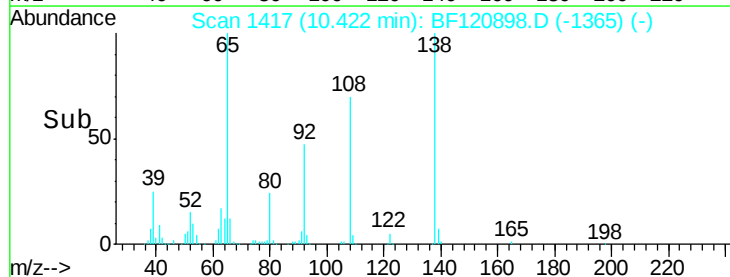
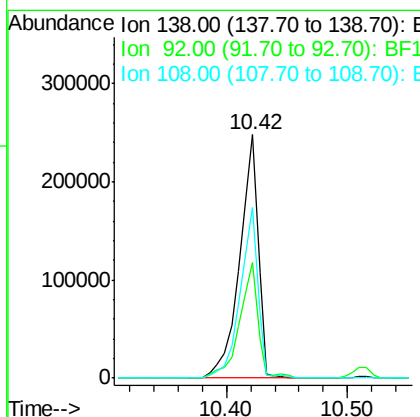
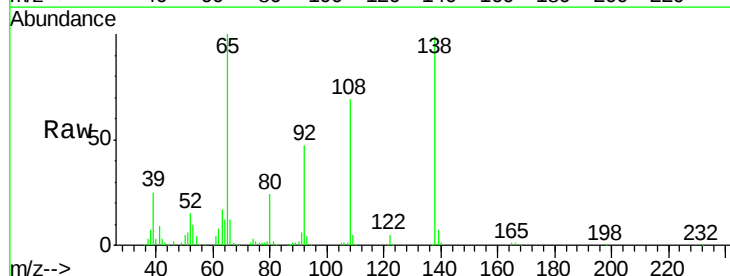
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:204 Resp: 463383
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.9 38.9
 141 57.9 47.2 70.8



#62
 4-Nitroaniline
 Concen: 40.831 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:138 Resp: 268498
 Ion Ratio Lower Upper
 138 100
 92 47.6 28.6 68.6
 108 70.1 51.1 91.1





#63

Azobenzene

Concen: 43.194 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

Tot Ion: 77 Resp: 1042052

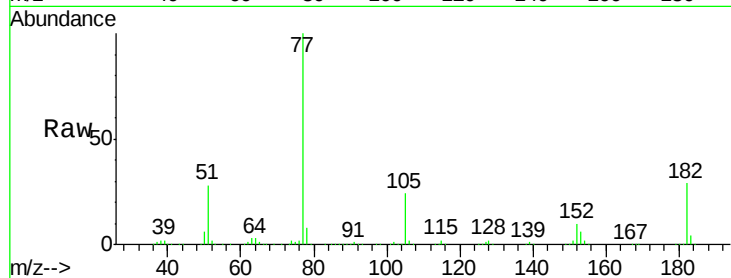
Ion Ratio Lower Upper

77 100

182 28.5 7.8 47.8

105 24.2 4.4 44.4

51 28.2 8.0 48.0

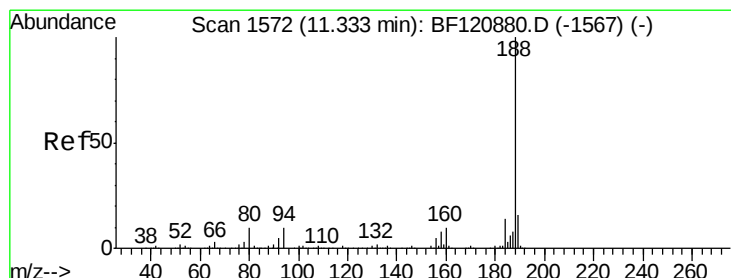
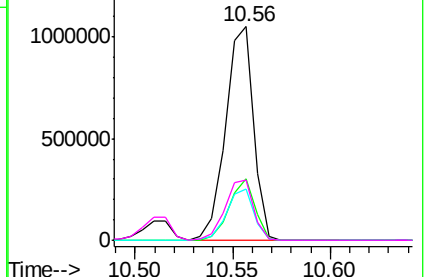
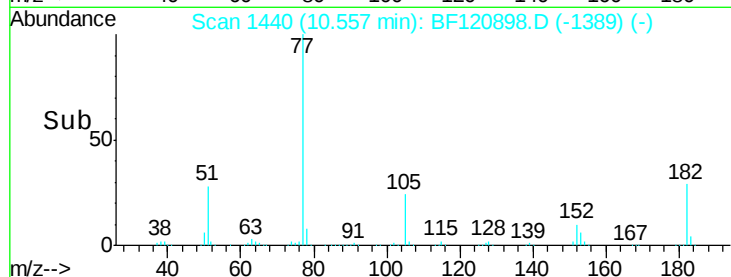


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1572

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

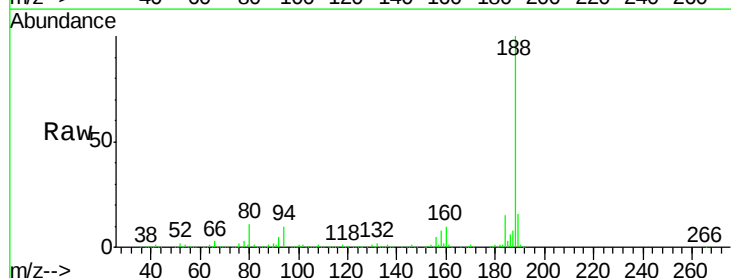
Tgt Ion: 188 Resp: 679406

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

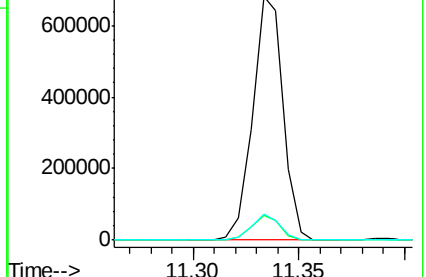
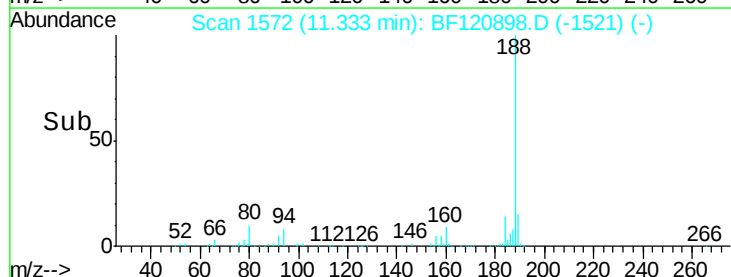
80 10.5 8.3 12.5

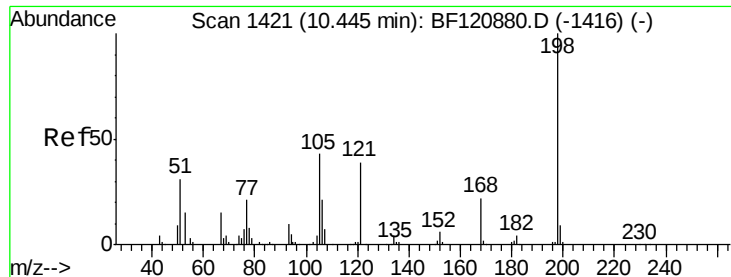


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

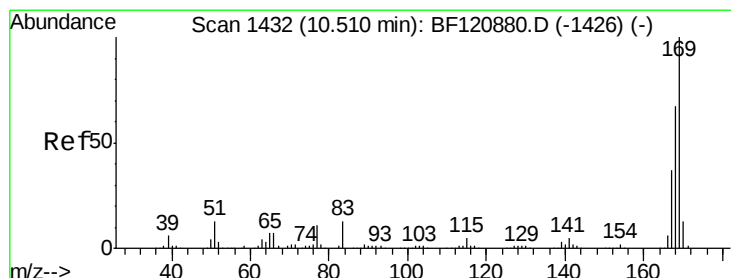
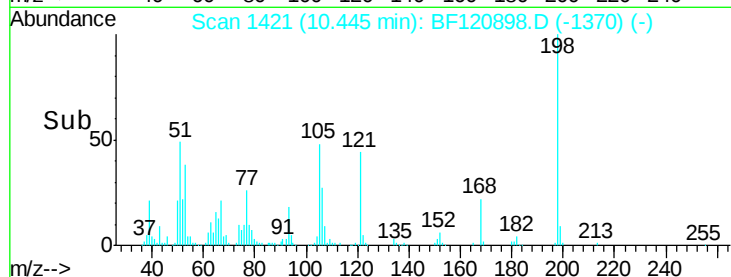
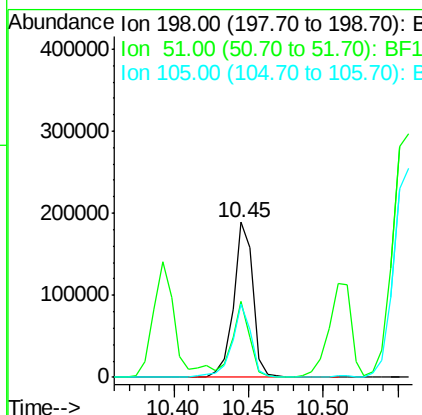
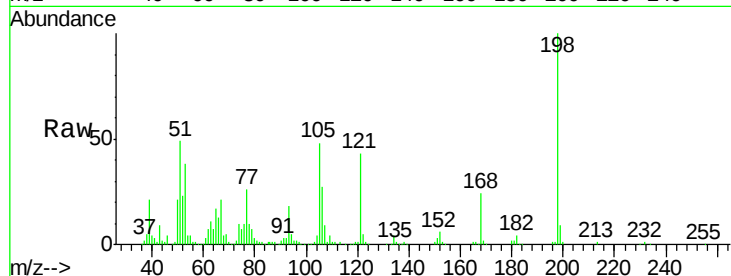




#65
4,6-Dinitro-2-methylphenol
Concen: 44.406 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

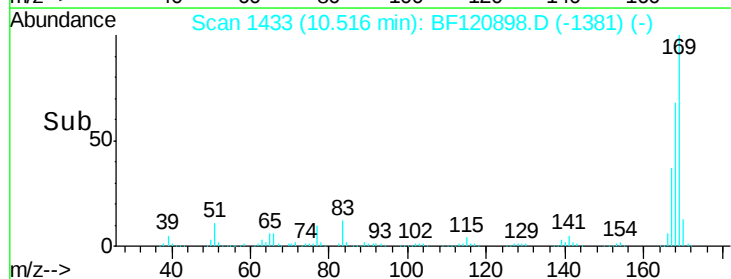
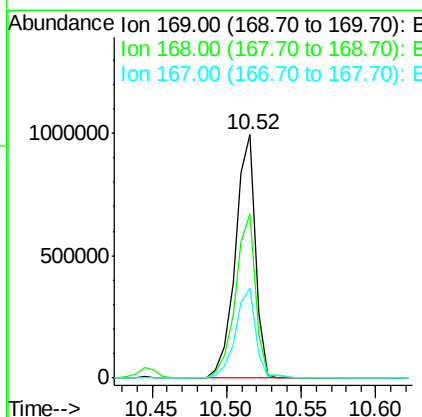
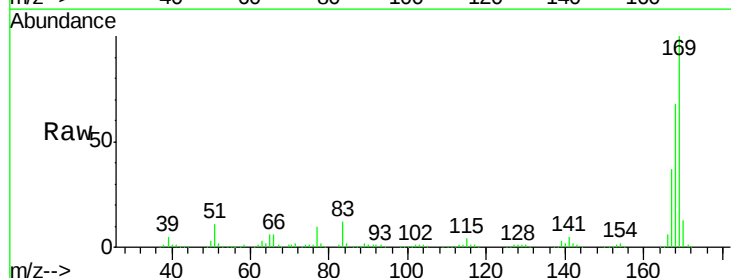
Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

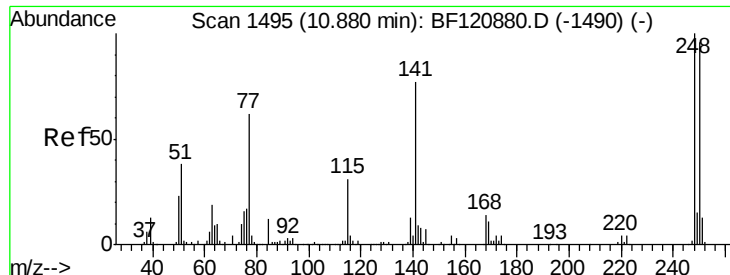
Tot Ion:198 Resp: 173379
Ion Ratio Lower Upper
198 100
51 48.8 19.5 59.5
105 47.7 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 44.017 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:169 Resp: 940761
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 37.2 29.4 44.0

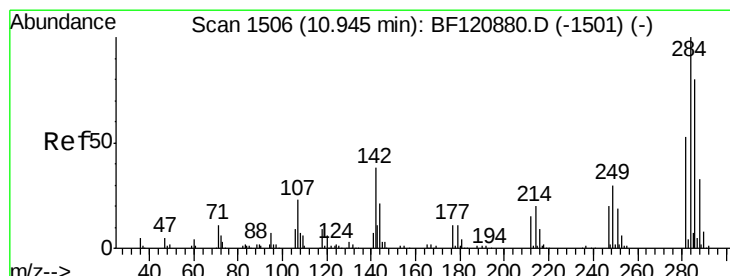
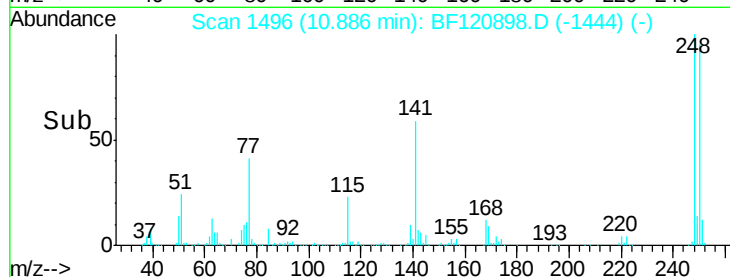
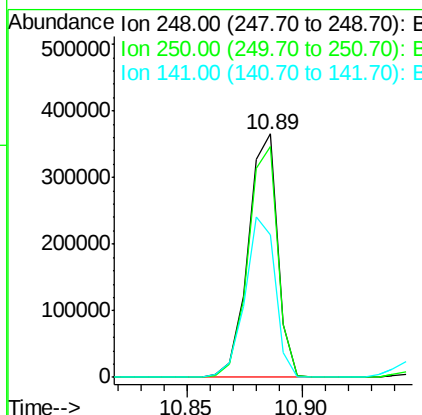
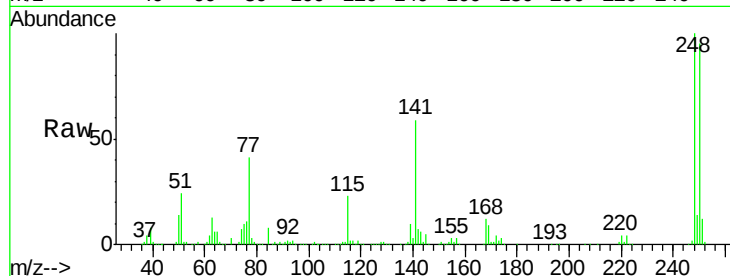




#67
 4-Bromophenyl-phenylether
 Concen: 43.016 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

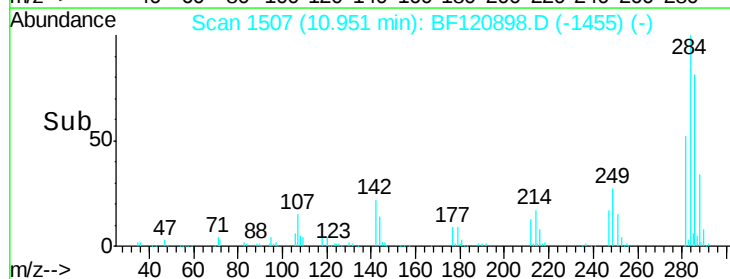
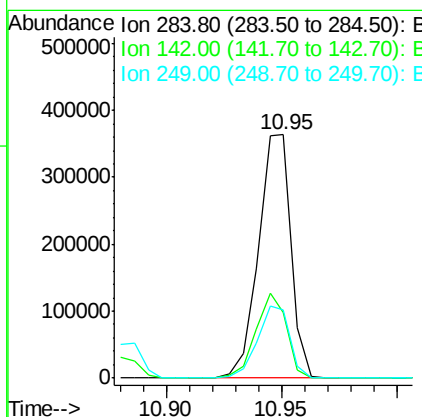
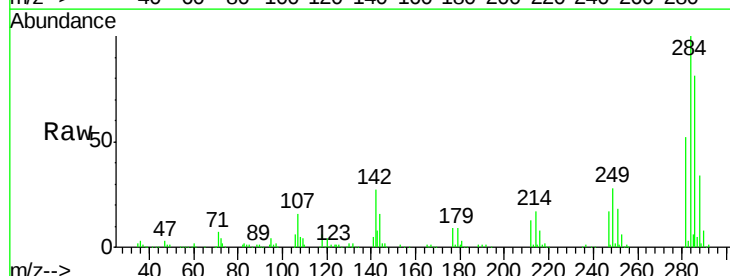
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

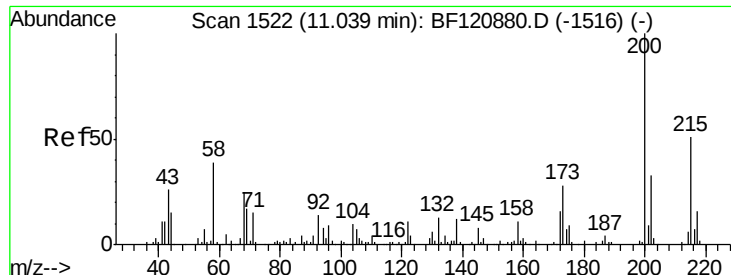
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.1	115.7
141	58.8	61.2	91.8#



#68
 Hexachlorobenzene
 Concen: 43.570 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	30.2	45.2#
249	28.2	24.2	36.2

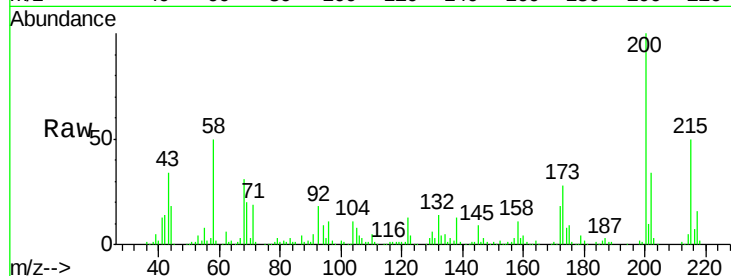




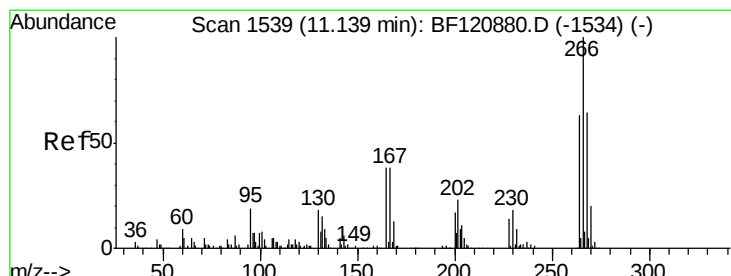
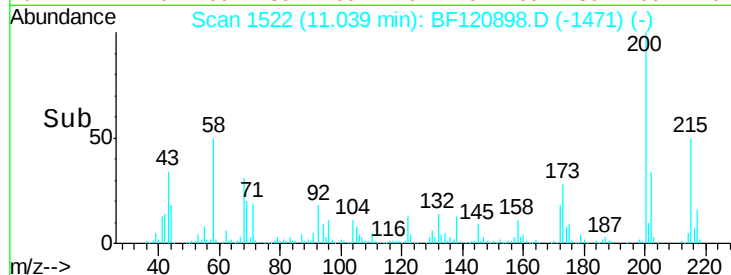
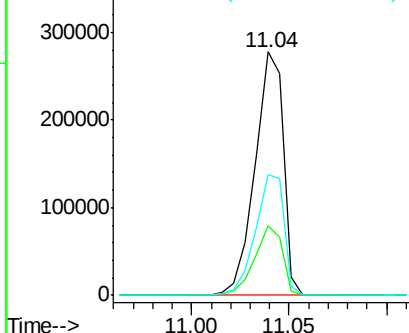
#69
 Atrazine
 Concen: 52.741 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:200 Resp: 279166
 Ion Ratio Lower Upper
 200 100
 173 28.5 8.0 48.0
 215 49.5 31.5 71.5

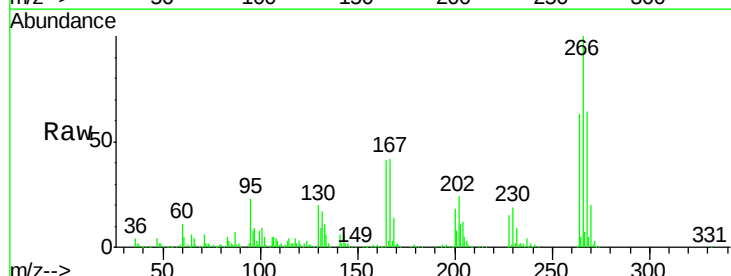


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

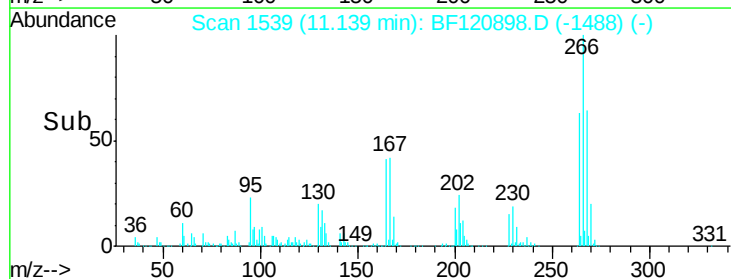
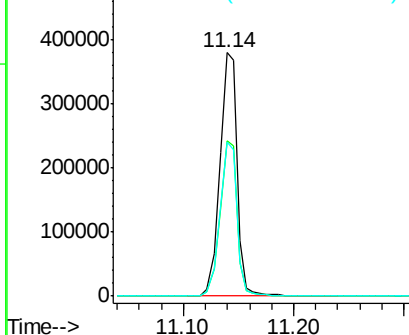


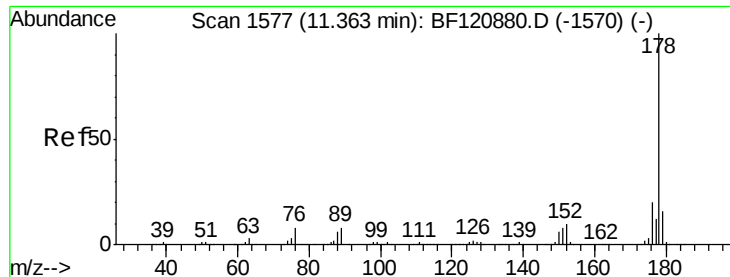
#70
 Pentachlorophenol
 Concen: 88.408 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:266 Resp: 415004
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 63.2 50.2 75.2



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

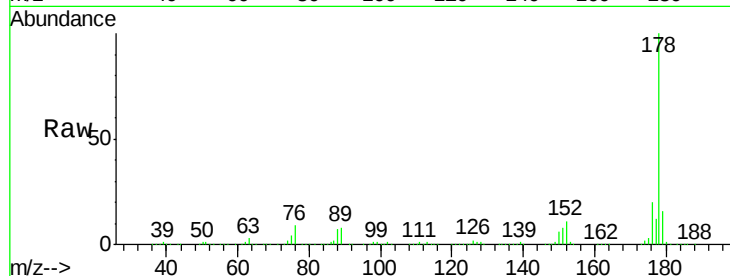




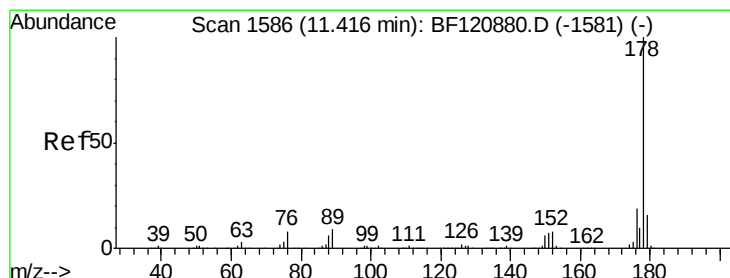
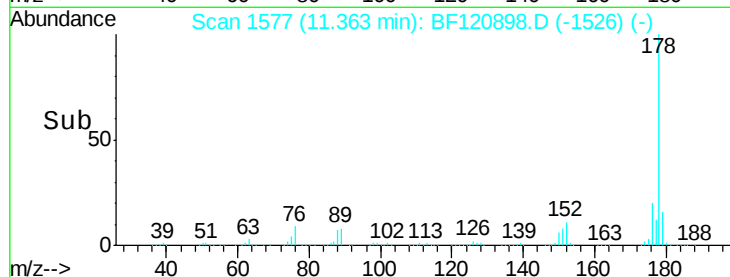
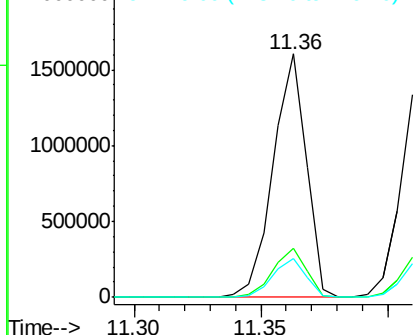
#71
Phenanthrene
Concen: 42.309 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion:178 Resp: 1478351
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.0 12.8 19.2

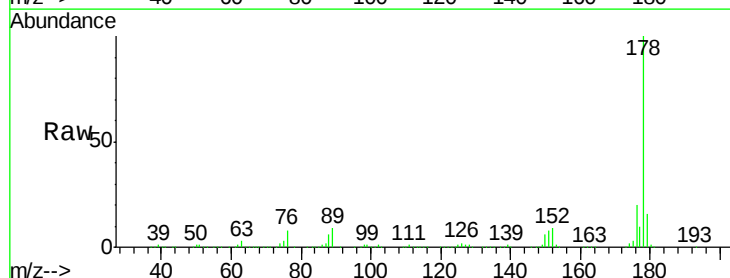


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

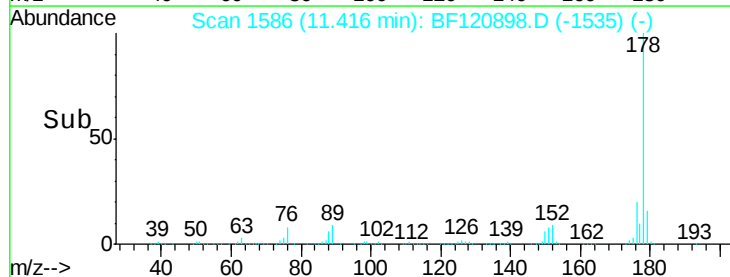
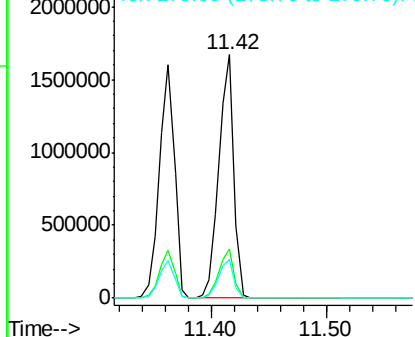


#72
Anthracene
Concen: 42.969 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:178 Resp: 1507633
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

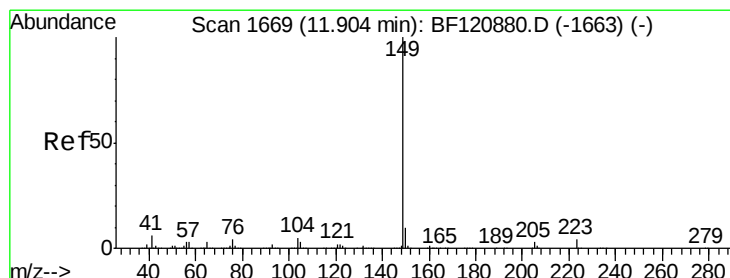
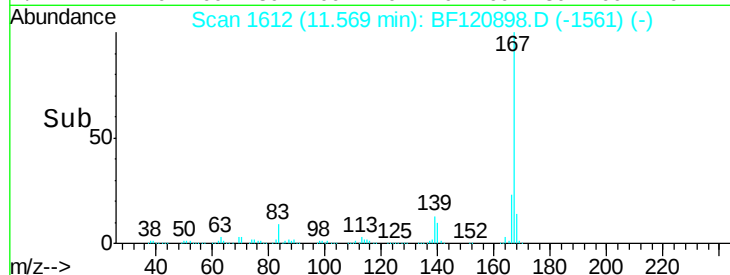
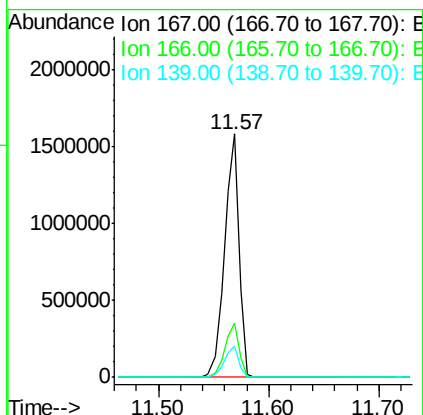
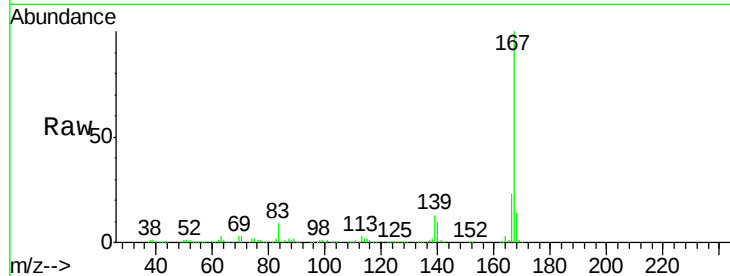




#73
 Carbazole
 Concen: 41.611 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

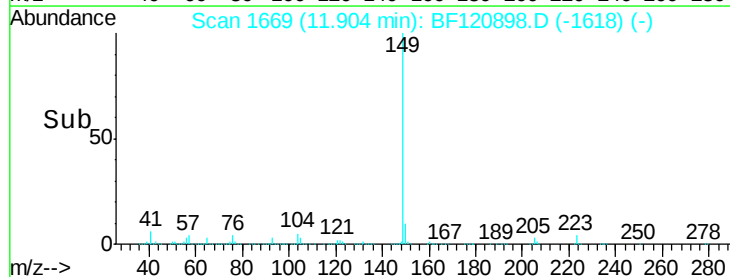
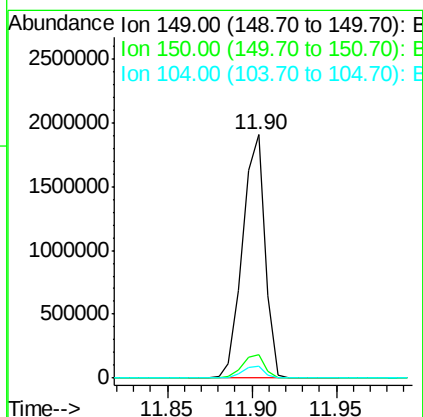
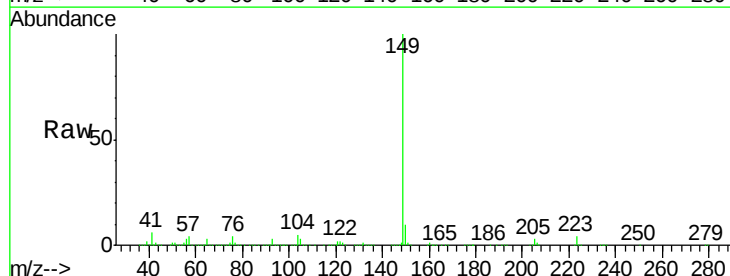
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:167 Resp: 1448911
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 44.067 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:149 Resp: 1770736
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.8 3.8 5.6

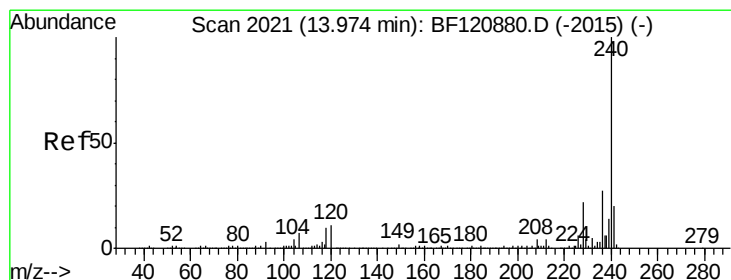
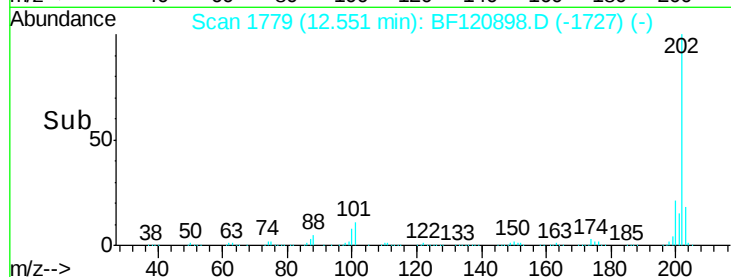
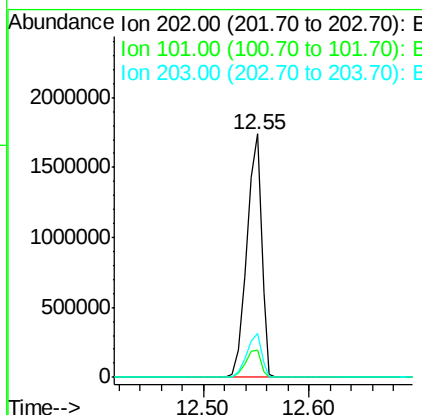
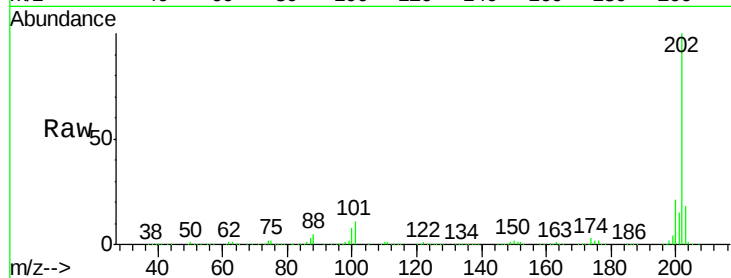




#75
 Fluoranthene
 Concen: 43.308 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

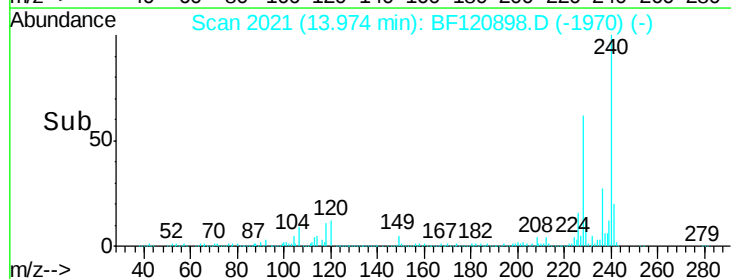
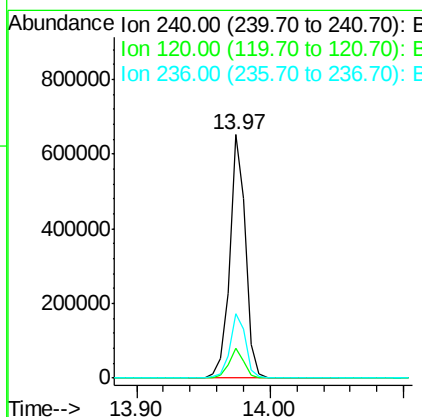
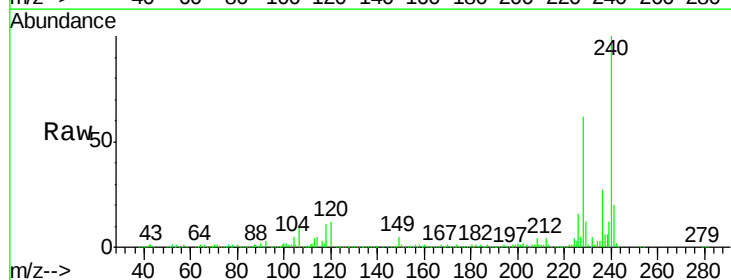
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

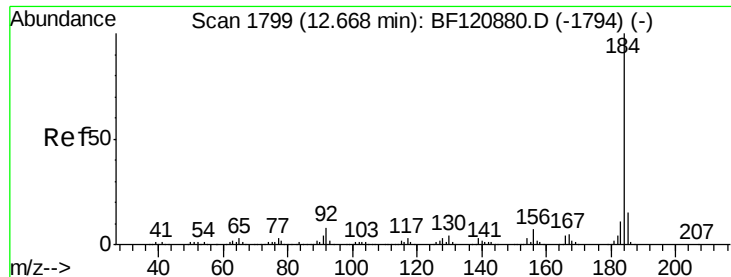
Tot Ion:202 Resp: 1677327
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 32.7
 203 18.0 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:240 Resp: 541591
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.0 13.4
 236 26.6 21.7 32.5





#77

Benzidine

Concen: 57.356 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

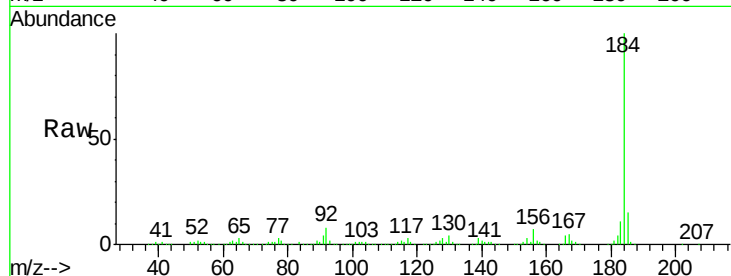
Tot Ion:184 Resp: 816711

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

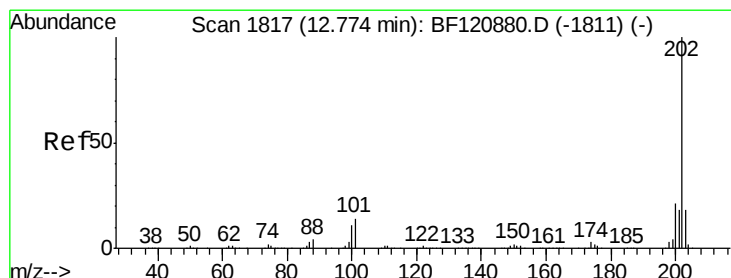
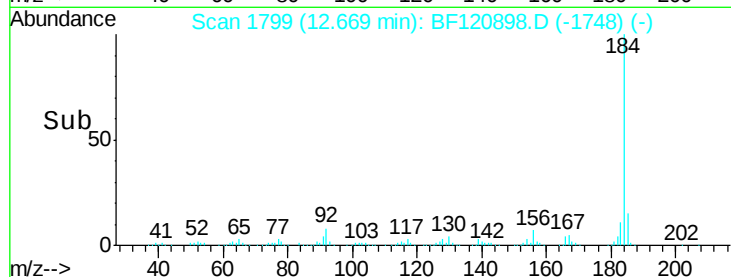
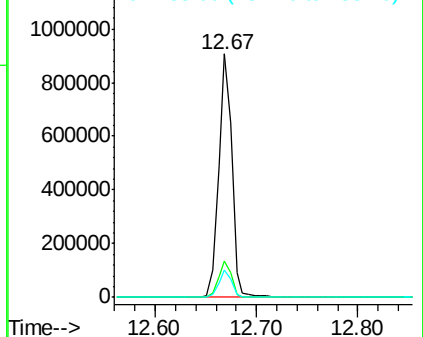
183 11.1 8.5 12.7



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: 44.304 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

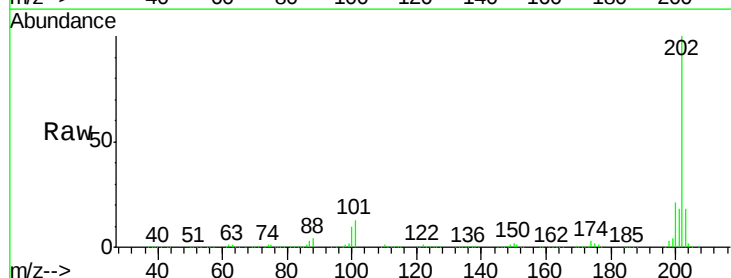
Tgt Ion:202 Resp: 1696419

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

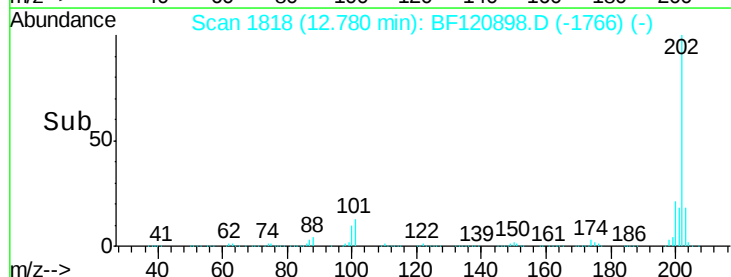
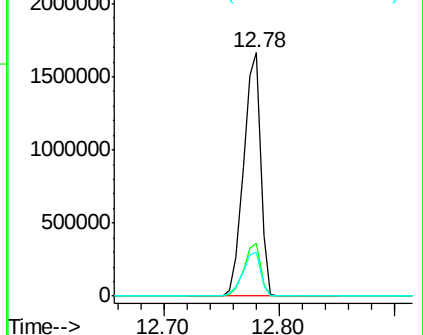
203 18.1 14.4 21.6



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

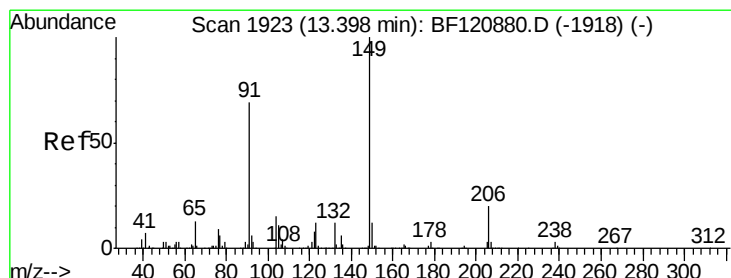
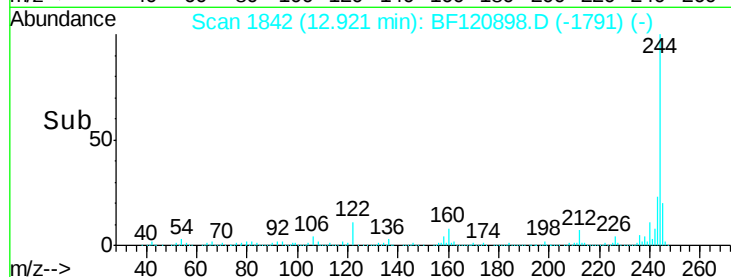
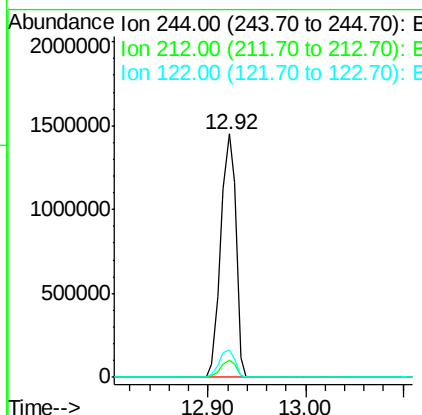
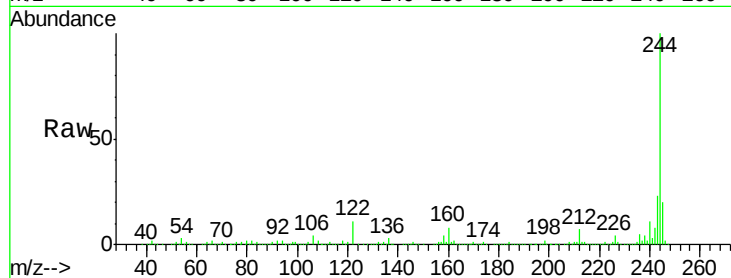




#79
 Terphenyl-d14
 Concen: 62.938 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

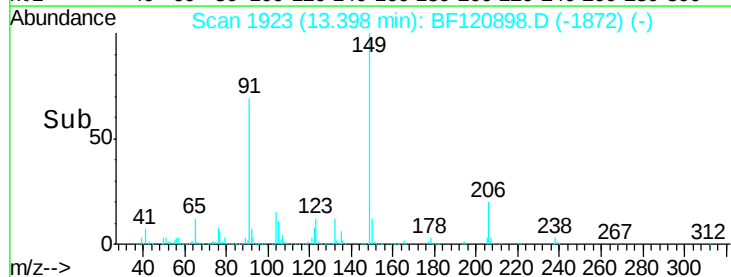
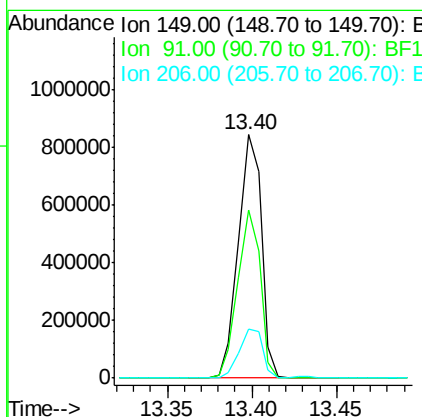
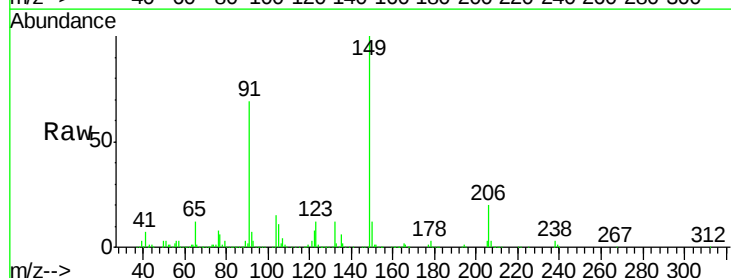
Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

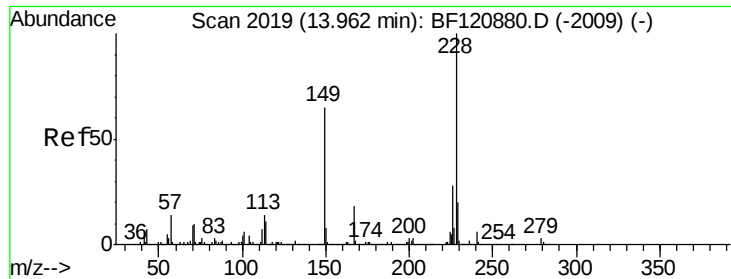
Tot Ion:244 Resp: 1568075
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.2 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 47.380 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:149 Resp: 808756
 Ion Ratio Lower Upper
 149 100
 91 68.8 55.1 82.7
 206 20.4 16.1 24.1

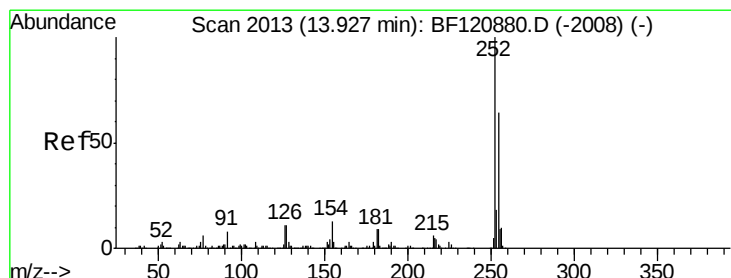
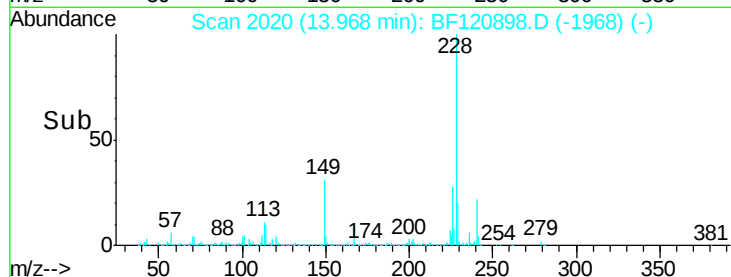
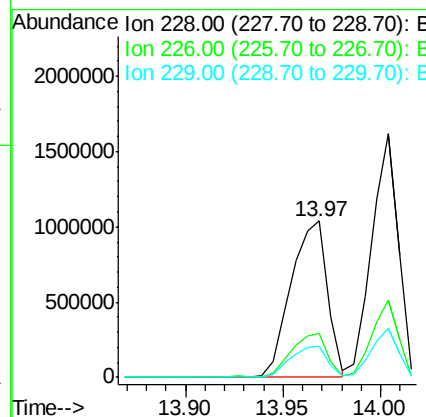
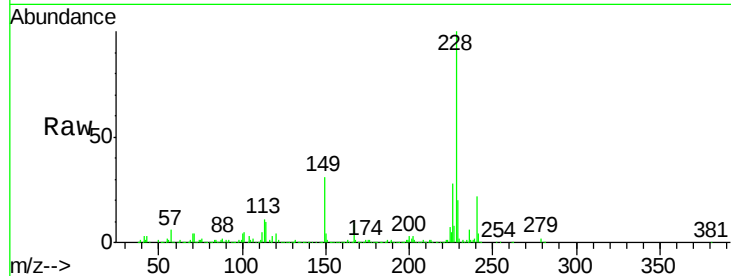




#81
Benzo(a)anthracene
Concen: 40.956 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

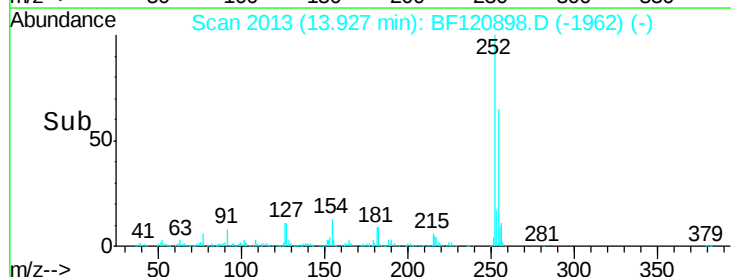
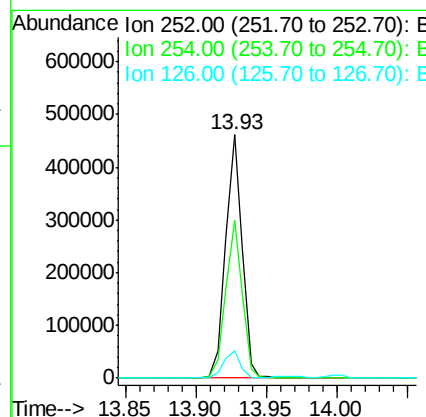
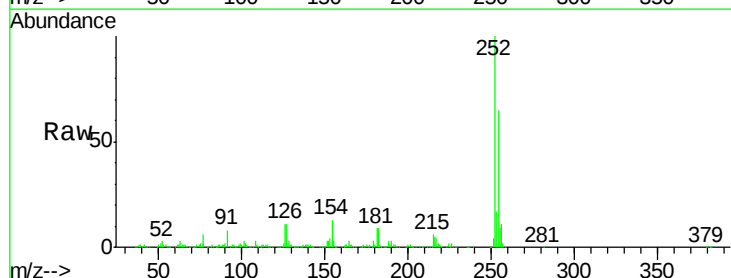
Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

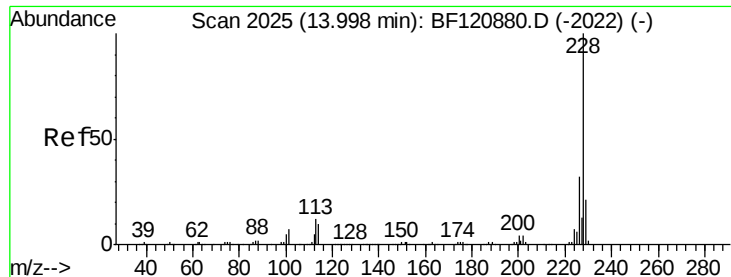
Tot Ion:228 Resp: 1343183
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 30.342 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:252 Resp: 375427
Ion Ratio Lower Upper
252 100
254 65.1 51.2 76.8
126 11.0 8.7 13.1





#83

Chrysene

Concen: 44.098 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

Instrument :

BNA_F

ClientSampleId :

TP-16-DMSD

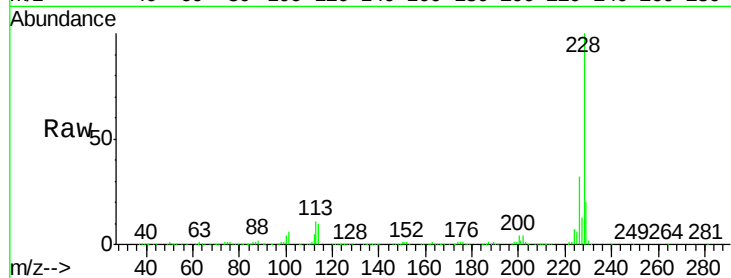
Tot Ion:228 Resp: 1519842

Ion Ratio Lower Upper

228 100

226 31.9 25.6 38.4

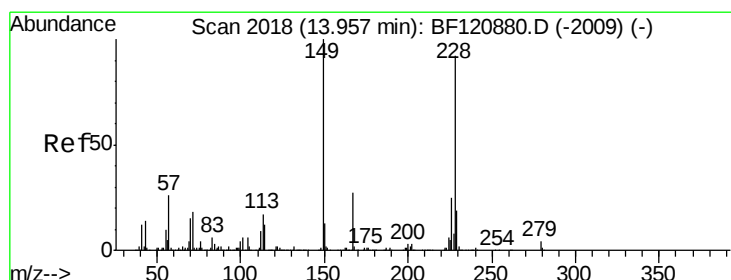
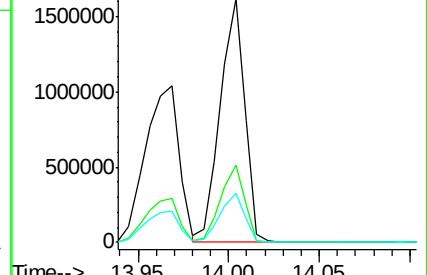
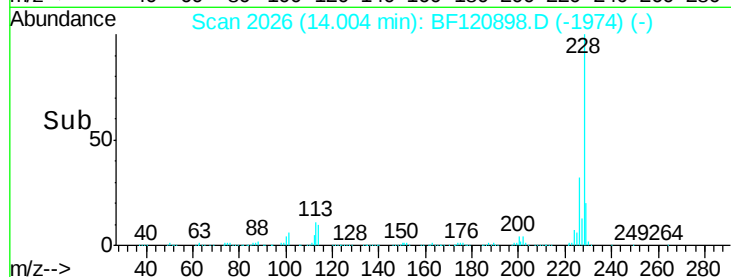
229 20.3 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.404 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120898.D

Acq: 16 Jul 2020 21:25

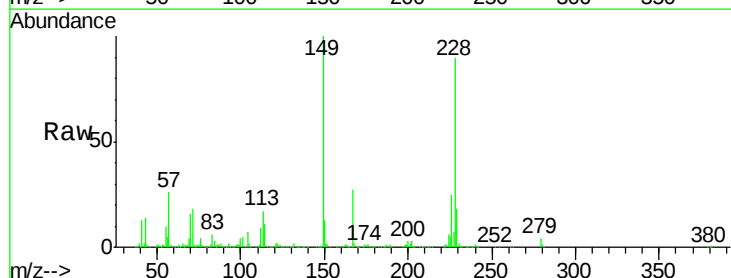
Tgt Ion:149 Resp: 892547

Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

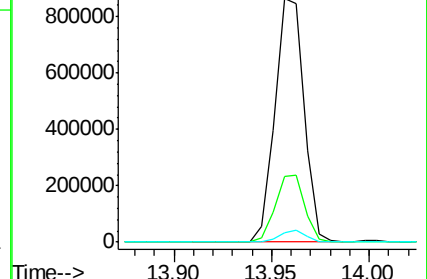
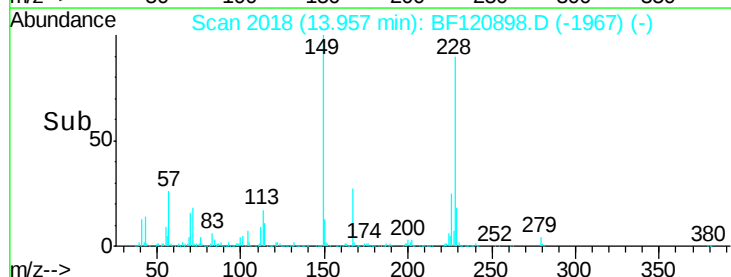
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

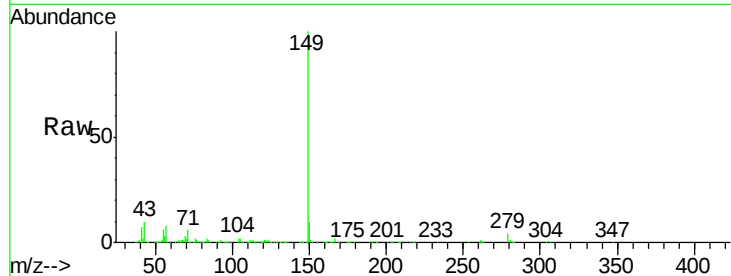




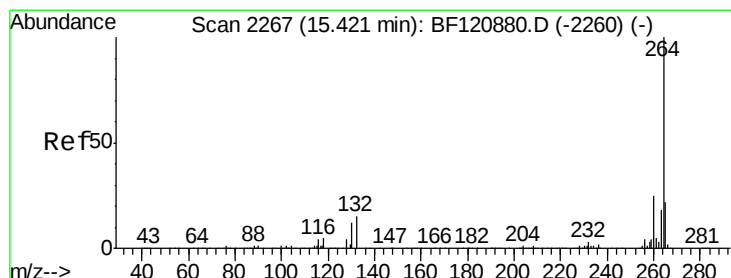
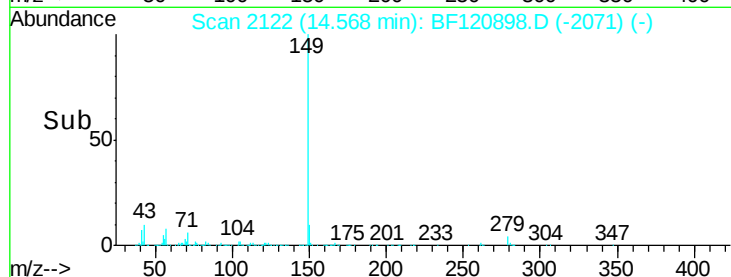
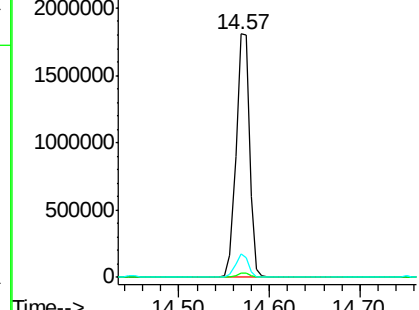
#85
Di-n-octyl phthalate
Concen: 45.476 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion:149 Resp: 1904366
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4

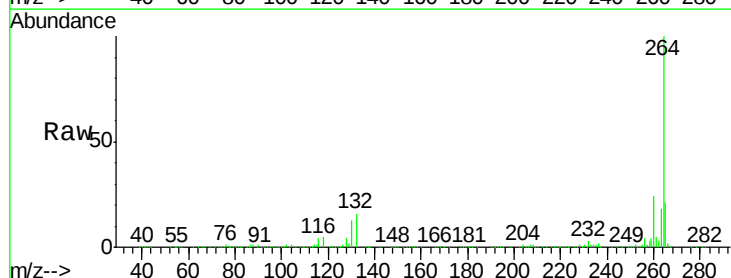


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

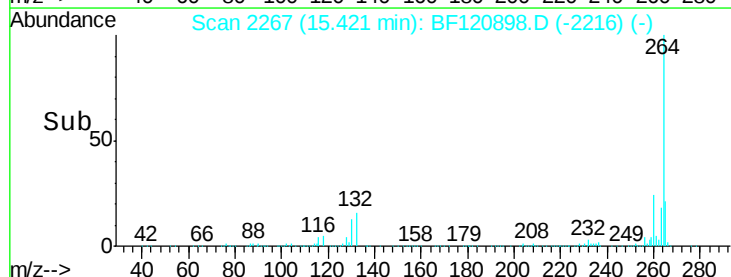
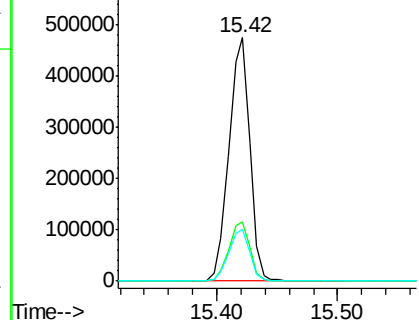


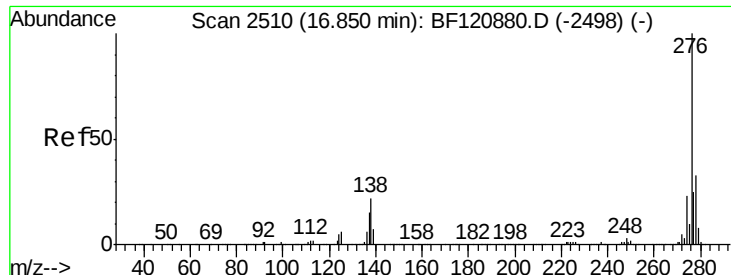
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:264 Resp: 567285
Ion Ratio Lower Upper
264 100
260 24.5 20.0 30.0
265 21.3 17.4 26.2



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

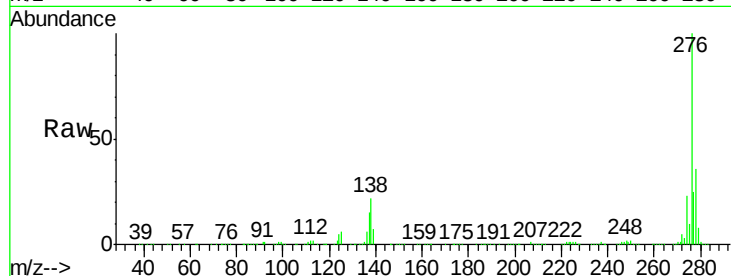




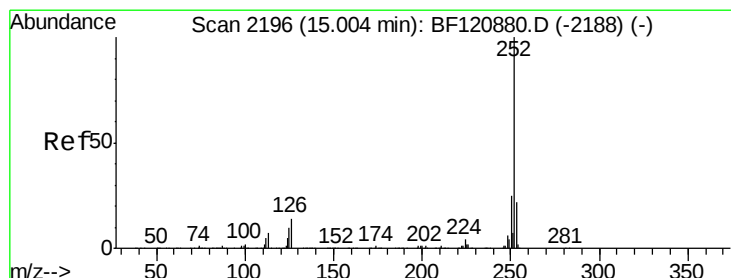
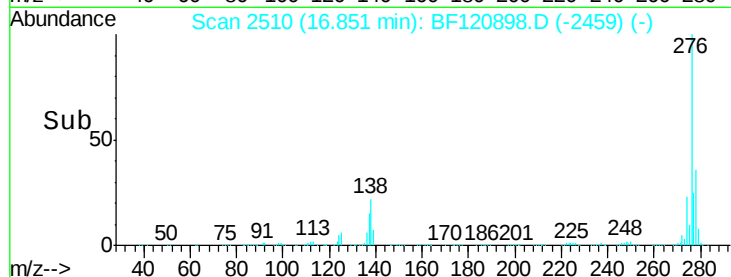
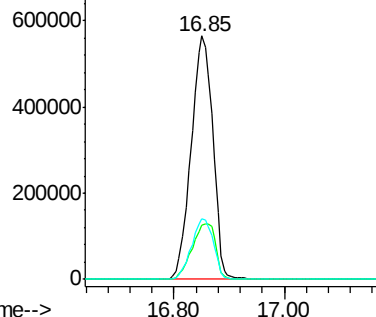
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.622 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-DMSD

Tot Ion:276 Resp: 1563204
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.8 29.8
 277 25.2 20.2 30.2

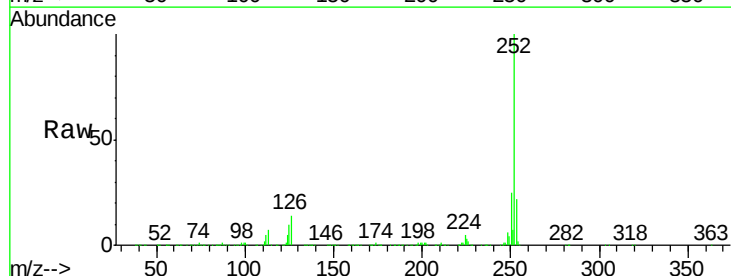


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

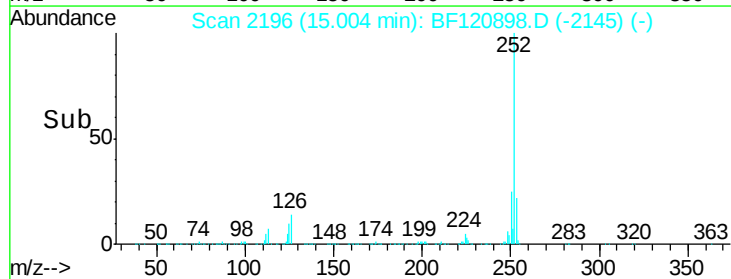
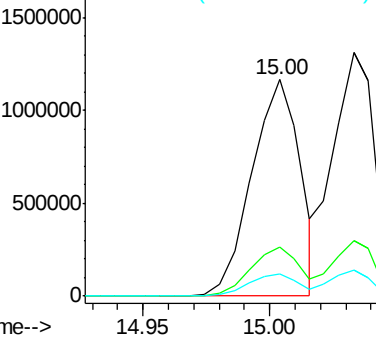


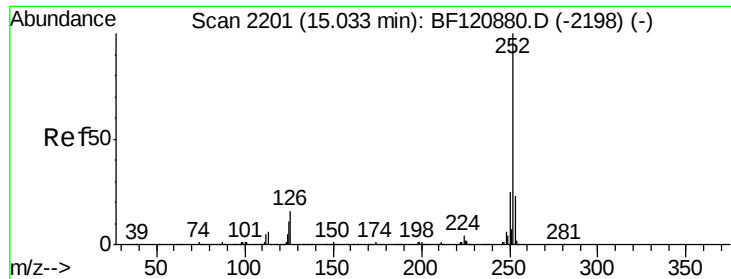
#88
 Benzo(b)fluoranthene
 Concen: 45.007 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120898.D
 Acq: 16 Jul 2020 21:25

Tgt Ion:252 Resp: 1543294
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 10.4 8.3 12.5



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

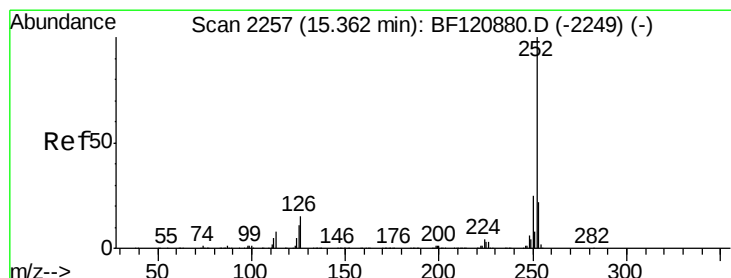
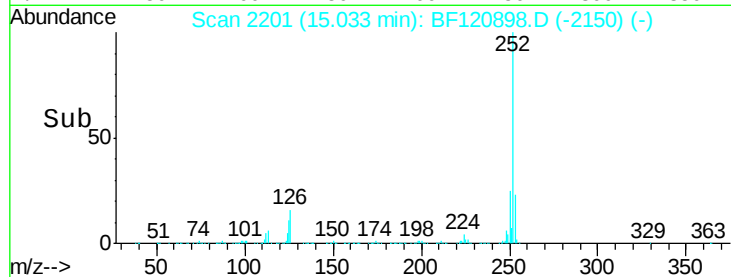
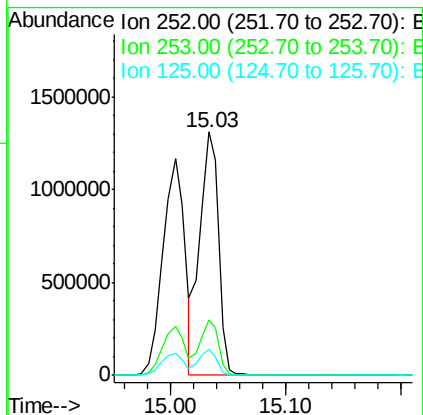
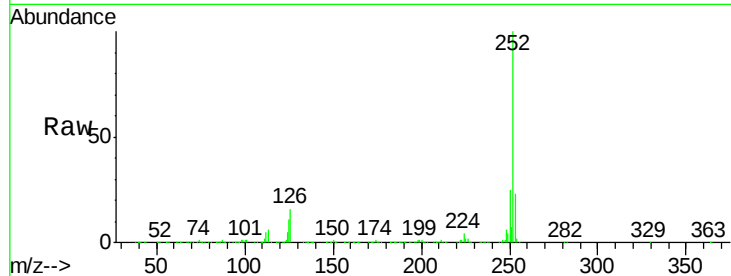




#89
Benzo(k)fluoranthene
Concen: 47.910 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

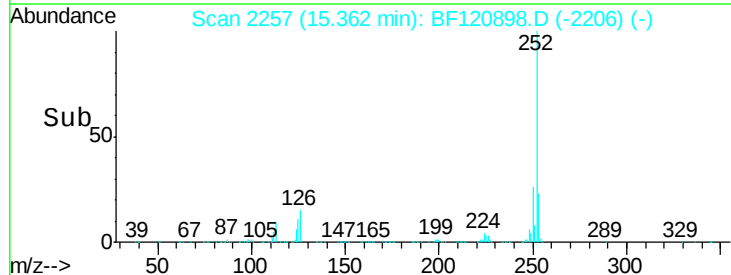
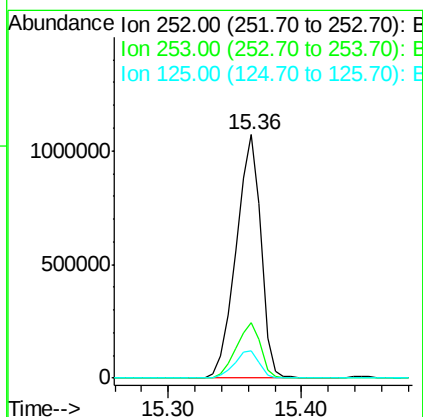
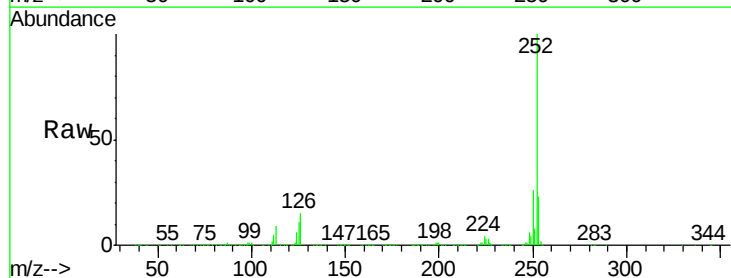
Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

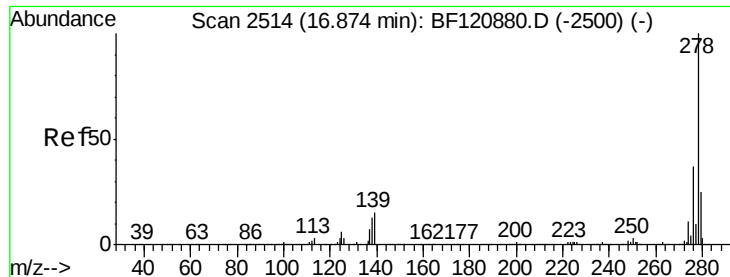
Tot Ion:252 Resp: 1498283
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.9 8.4 12.6



#90
Benzo(a)pyrene
Concen: 44.158 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:252 Resp: 1381483
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.5 8.9 13.3



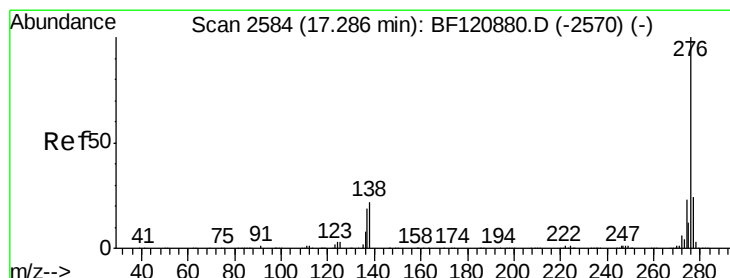
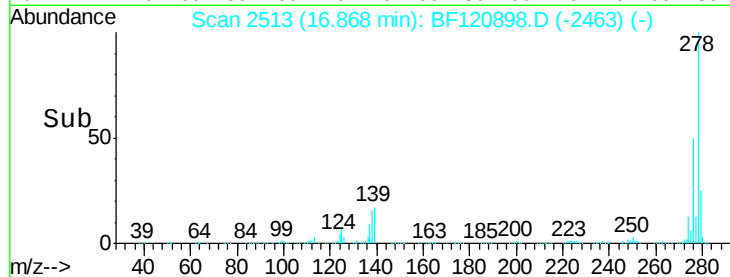
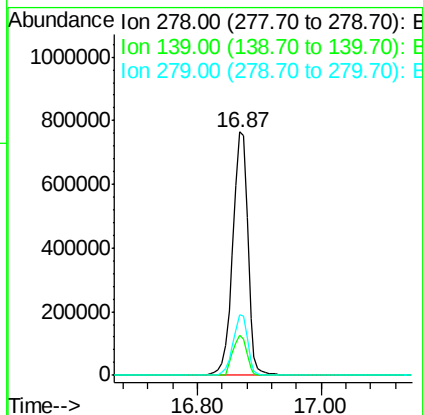
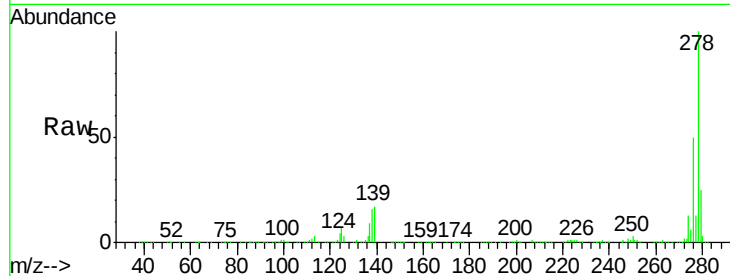


#91
Dibenzo(a,h)anthracene
Concen: 40.346 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Instrument :
BNA_F
ClientSampleId :
TP-16-DMSD

Tot Ion:278 Resp: 1300237

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.3	18.5
279	24.7	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 38.660 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120898.D
Acq: 16 Jul 2020 21:25

Tgt Ion:276 Resp: 1228434

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.5	17.5	26.3

