

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117975.D
 Acq On : 25 Nov 2019 19:05
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 26 05:40:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	161974	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	630720	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	344817	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	661281	20.00	ng	0.00
76) Chrysene-d12	14.09	240	467616	20.00	ng	0.00
87) Perylene-d12	15.58	264	421289	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	736615	80.50	ng	0.00
7) Phenol-d6	6.52	99	923645	83.69	ng	0.00
23) Nitrobenzene-d5	7.46	82	900640	84.89	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	337625	92.49	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1776309	92.42	ng	0.00
79) Terphenyl-d14	13.03	244	2059791	80.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	155956	36.462	ng	97
3) Pyridine	3.43	79	428180	38.162	ng	95
4) n-Nitrosodimethylamine	3.39	42	185632	37.901	ng	99
6) Aniline	6.56	93	610026	41.826	ng	98
8) 2-Chlorophenol	6.67	128	415535	41.850	ng	97
9) Benzaldehyde	6.44	77	266832	36.416	ng	99
10) Phenol	6.53	94	519398	45.287	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	377690	41.008	ng	96
12) 1,3-Dichlorobenzene	6.83	146	497846	42.589	ng	98
13) 1,4-Dichlorobenzene	6.91	146	503791	42.637	ng	99
14) 1,2-Dichlorobenzene	7.06	146	475891	42.112	ng	98
15) Benzyl Alcohol	7.03	79	384213	45.090	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	513692	36.226	ng	96
17) 2-Methylphenol	7.14	107	353999	42.100	ng	99
18) Hexachloroethane	7.40	117	184391	42.481	ng	90
19) n-Nitroso-di-n-propylamine	7.31	70	294368	43.232	ng	99
20) 3+4-Methylphenols	7.30	107	439241	42.082	ng	# 81
22) Acetophenone	7.30	105	605551	42.734	ng	99
24) Nitrobenzene	7.48	77	455036	41.573	ng	98
25) Isophorone	7.72	82	807977	41.549	ng	96
26) 2-Nitrophenol	7.79	139	235688	44.240	ng	94
27) 2,4-Dimethylphenol	7.83	122	323992	39.137	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	509227	41.266	ng	99
29) 2,4-Dichlorophenol	8.03	162	377836	42.077	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	432851	41.557	ng	98
31) Naphthalene	8.20	128	1276734	43.421	ng	99
32) Benzoic acid	7.95	122	246376	35.544	ng	99
33) 4-Chloroaniline	8.25	127	552180	41.948	ng	98
34) Hexachlorobutadiene	8.32	225	264367	43.412	ng	99
35) Caprolactam	8.63	113	118681	41.586	ng	# 85
36) 4-Chloro-3-methylphenol	8.73	107	401792	44.089	ng	98
37) 2-Methylnaphthalene	8.90	142	874518	44.019	ng	99
38) 1-Methylnaphthalene	9.00	142	821313	43.728	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	409505	40.894	ng	100

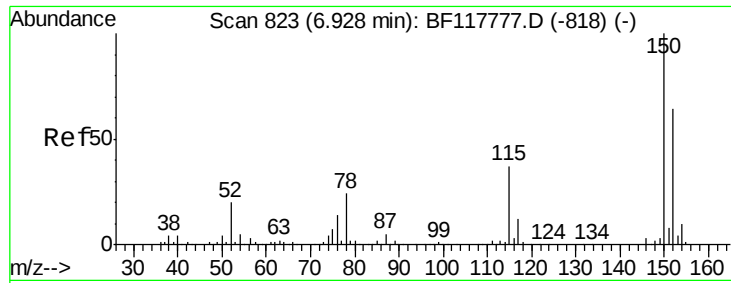
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117975.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	219969	39.198	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	290382	40.485	ng	96
44) 2,4,5-Trichlorophenol	9.22	196	298443	40.075	ng	97
46) 1,1'-Biphenyl	9.36	154	1079544	42.199	ng	98
47) 2-Chloronaphthalene	9.39	162	870570	41.366	ng	97
48) 2-Nitroaniline	9.48	65	261210	41.112	ng	98
49) Acenaphthylene	9.80	152	1310380	42.707	ng	99
50) Dimethylphthalate	9.67	163	1047186	43.308	ng	98
51) 2,6-Dinitrotoluene	9.73	165	224935	42.564	ng	90
52) Acenaphthene	9.98	154	841265	42.801	ng	99
53) 3-Nitroaniline	9.90	138	261121	41.294	ng	97
54) 2,4-Dinitrophenol	10.00	184	103304	41.834	ng	# 81
55) Dibenzofuran	10.15	168	1167616	42.899	ng	99
56) 4-Nitrophenol	10.05	139	192082	40.695	ng	94
57) 2,4-Dinitrotoluene	10.13	165	301784	44.892	ng	94
58) Fluorene	10.50	166	913480	43.310	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	254581	41.606	ng	97
60) Diethylphthalate	10.36	149	1058632	44.907	ng	99
61) 4-Chlorophenyl-phenylether	10.49	204	463434	43.296	ng	99
62) 4-Nitroaniline	10.52	138	272567	43.050	ng	95
63) Azobenzene	10.65	77	909319	42.399	ng	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	141156	45.725	ng	98
66) n-Nitrosodiphenylamine	10.60	169	821111	42.666	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	302866	42.447	ng	# 90
68) Hexachlorobenzene	11.05	284	351911	42.297	ng	98
69) Atrazine	11.13	200	262162	41.411	ng	99
70) Pentachlorophenol	11.24	266	197256	40.581	ng	99
71) Phenanthrene	11.46	178	1388896	41.775	ng	99
72) Anthracene	11.52	178	1391920	42.226	ng	99
73) Carbazole	11.67	167	1251025	43.430	ng	99
74) Di-n-butylphthalate	11.99	149	1649699	45.997	ng	100
75) Fluoranthene	12.65	202	1418246	47.215	ng	99
77) Benzidine	12.77	184	559812	36.548	ng	100
78) Pyrene	12.89	202	1421858	37.625	ng	100
80) Butylbenzylphthalate	13.50	149	692465	42.663	ng	96
81) Benzo(a)anthracene	14.07	228	1245608	40.310	ng	100
82) 3,3'-Dichlorobenzidine	14.03	252	445551	41.221	ng	98
83) Chrysene	14.12	228	1194392	39.889	ng	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	944596	48.003	ng	99
85) Di-n-octyl phthalate	14.67	149	1518472	52.527	ng	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	923577	36.241	ng	98
88) Benzo(b)fluoranthene	15.14	252	1174937	42.926	ng	99
89) Benzo(k)fluoranthene	15.17	252	1020140	39.556	ng	99
90) Benzo(a)pyrene	15.52	252	959383	39.860	ng	99
91) Dibenzo(a,h)anthracene	17.12	278	770730	37.204	ng	97
92) Benzo(g,h,i)perylene	17.56	276	702716	34.056	ng	99

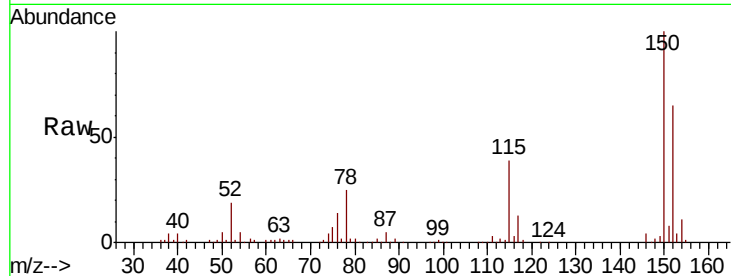
(#) = qualifier out of range (m) = manual integration (+) = signals summed



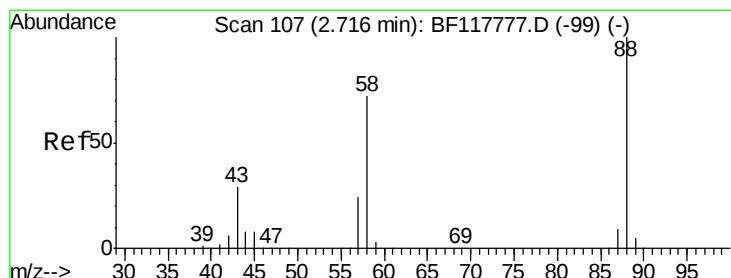
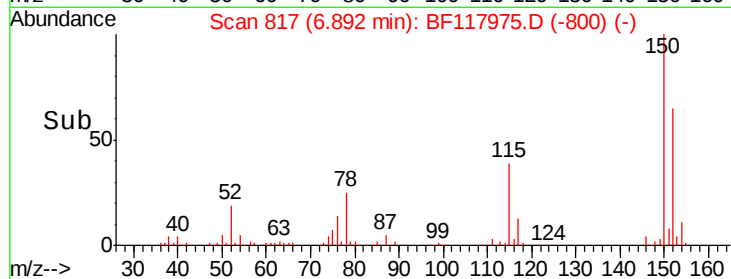
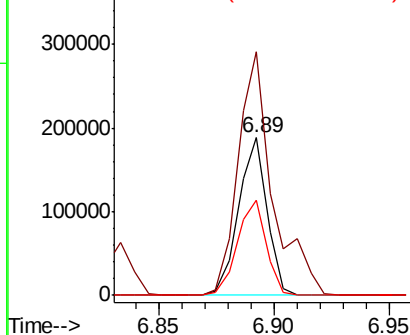
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 161974
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.3 187.9
 115 60.6 47.0 70.4

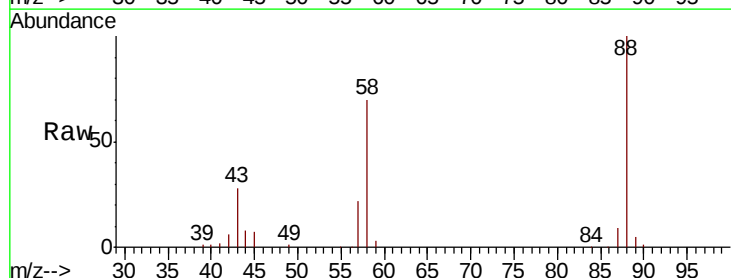


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

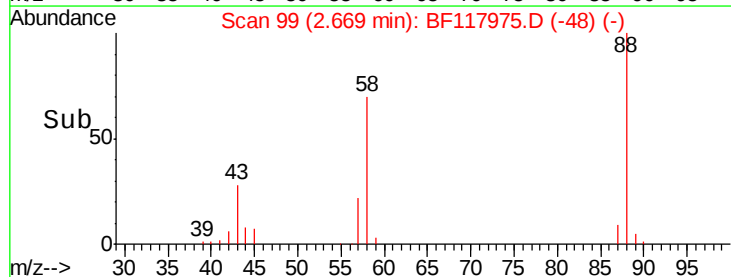
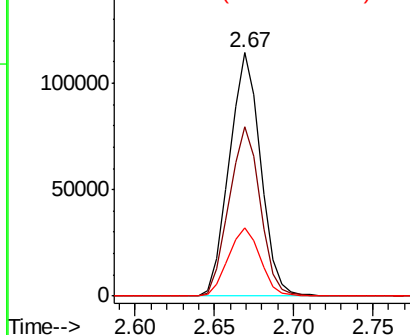


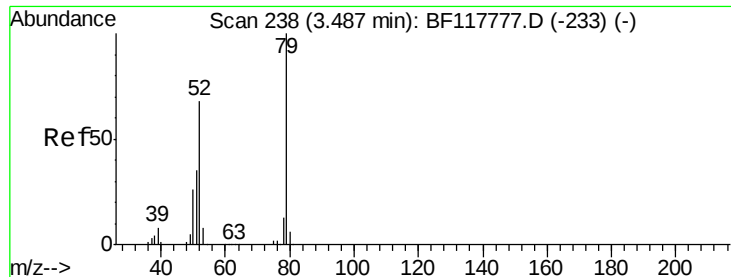
#2
 1,4-Dioxane
 Concen: 36.462 ng
 RT: 2.67 min Scan# 99
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Tgt Ion: 88 Resp: 155956
 Ion Ratio Lower Upper
 88 100
 58 69.1 58.2 87.2
 43 28.5 23.3 34.9



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





#3

Pvridine

Concen: 38.162 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

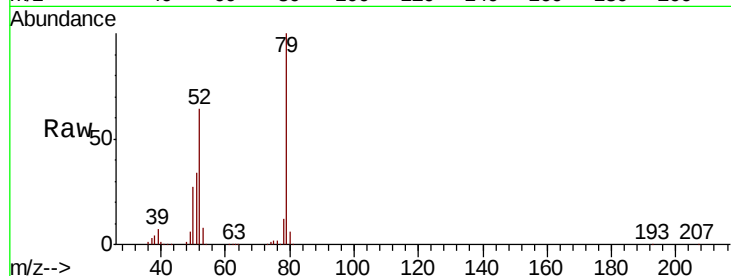
Tot Ion: 79 Resp: 428180

Ion Ratio Lower Upper

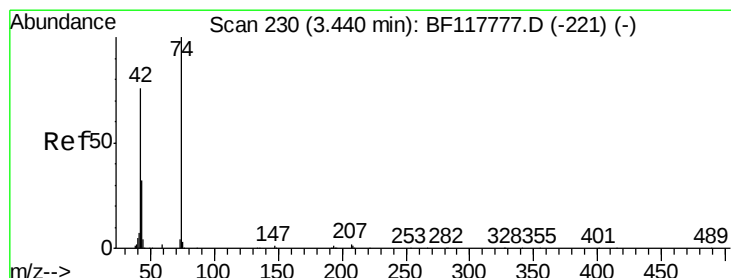
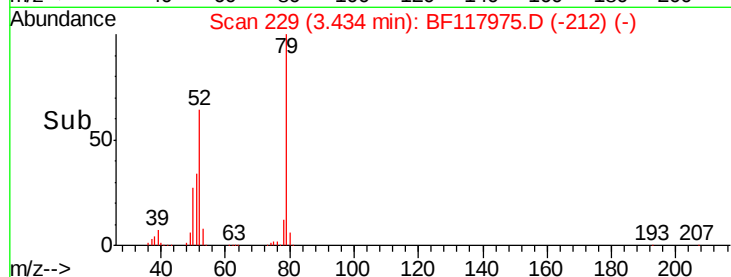
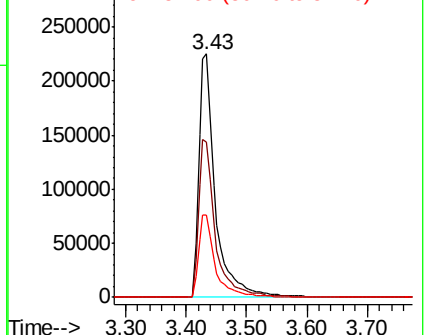
79 100

52 63.8 54.8 82.2

51 33.9 28.2 42.4



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



#4

n-Nitrosodimethylamine

Concen: 37.901 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

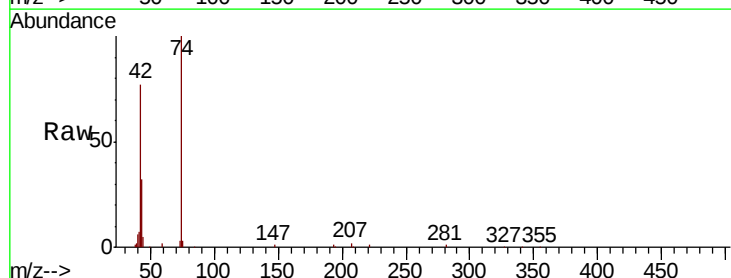
Tgt Ion: 42 Resp: 185632

Ion Ratio Lower Upper

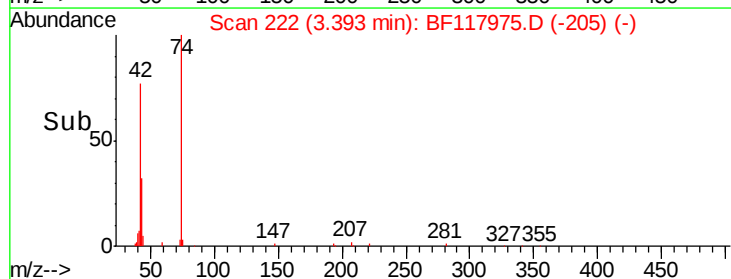
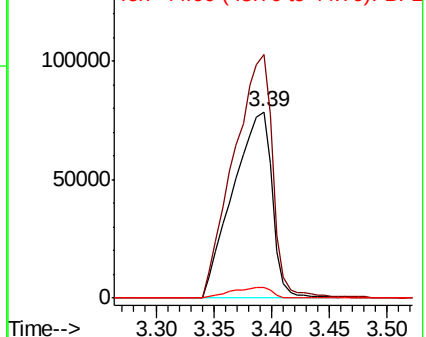
42 100

74 130.7 105.1 157.7

44 5.9 4.6 7.0



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





#5

2-Fluorophenol

Concen: 80.500 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

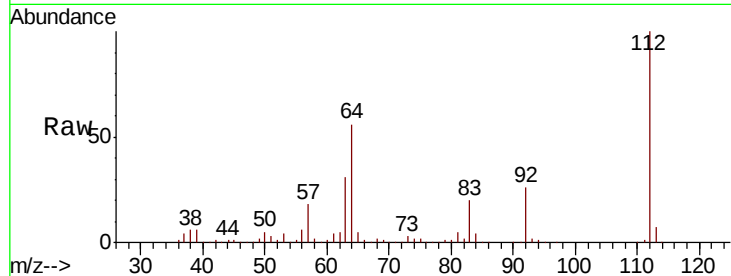
Tot Ion:112 Resp: 736615

Ion Ratio Lower Upper

112 100

64 56.3 45.6 68.4

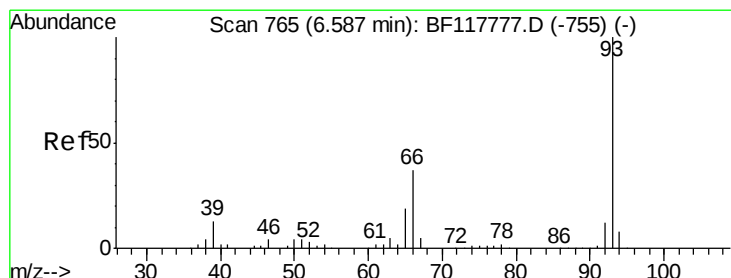
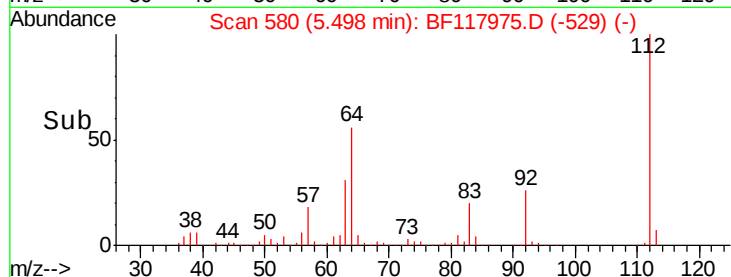
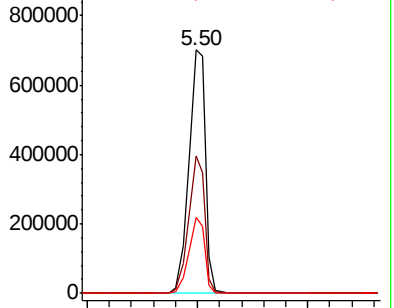
63 31.3 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.826 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

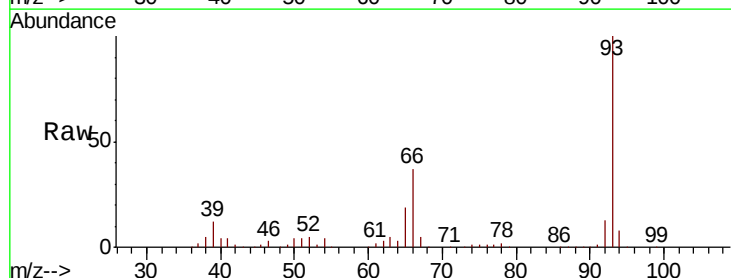
Tgt Ion: 93 Resp: 610026

Ion Ratio Lower Upper

93 100

66 37.2 30.6 45.8

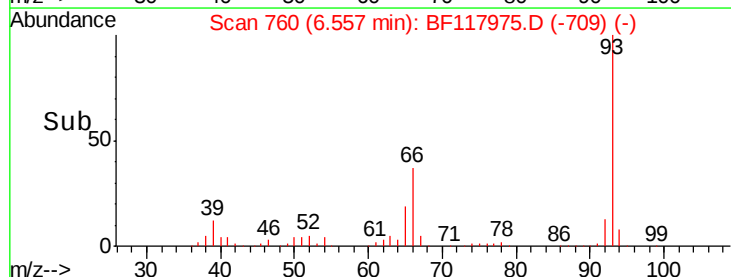
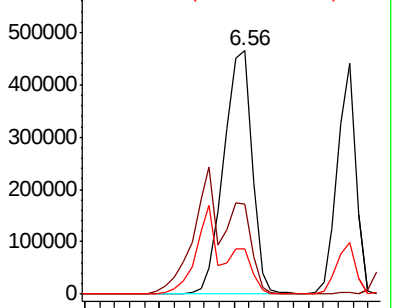
65 18.8 15.6 23.4

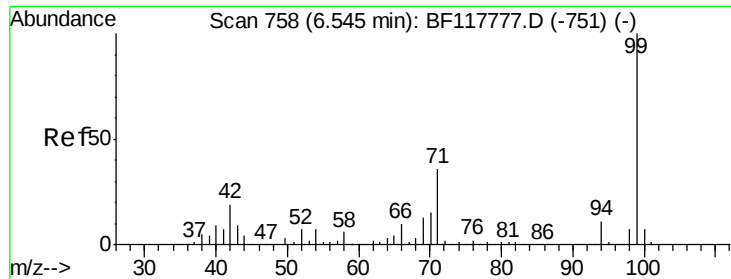


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.686 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117975.D

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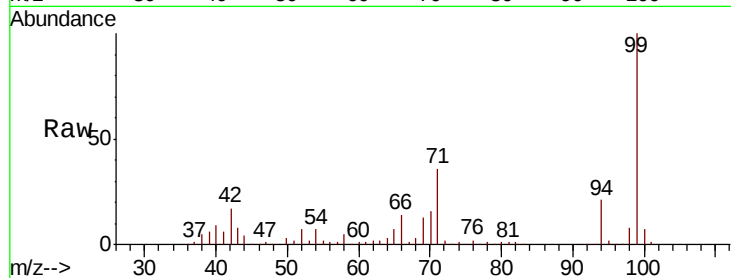
Tot Ion: 99 Resp: 923645

Ion Ratio Lower Upper

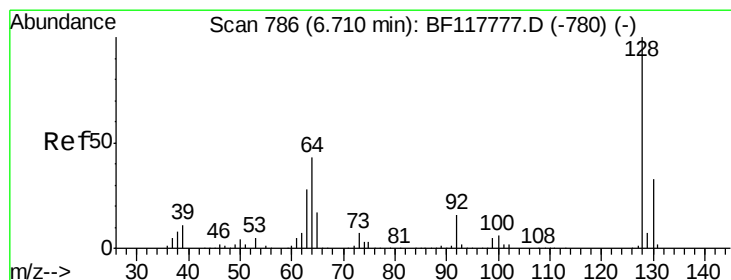
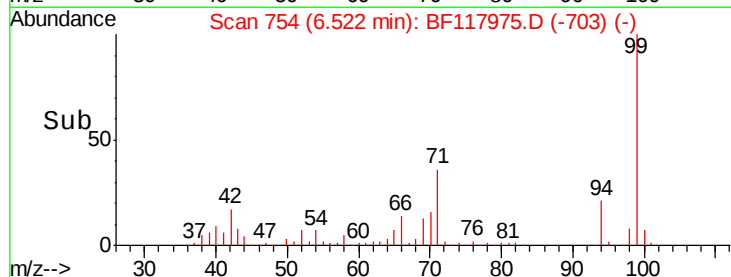
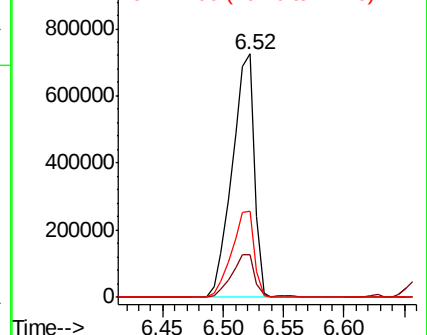
99 100

42 17.4 14.9 22.3

71 35.6 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.850 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

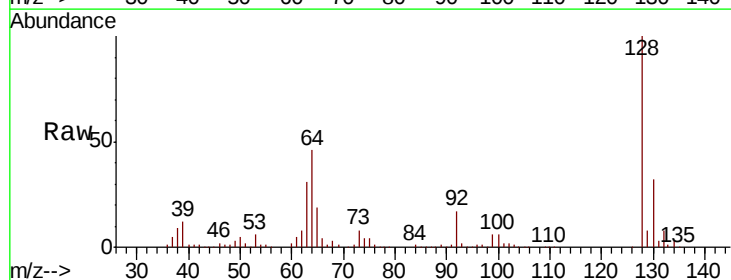
Tgt Ion: 128 Resp: 415535

Ion Ratio Lower Upper

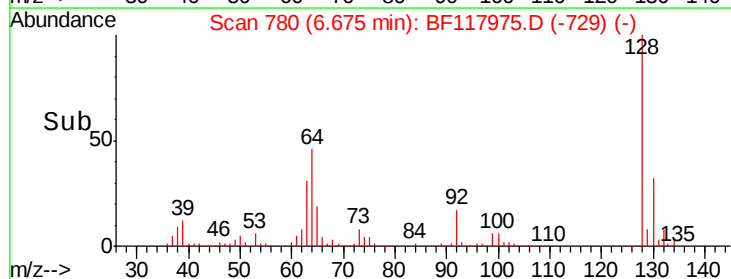
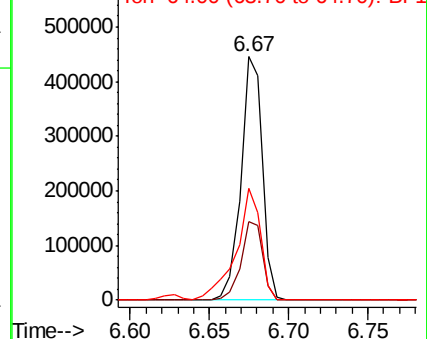
128 100

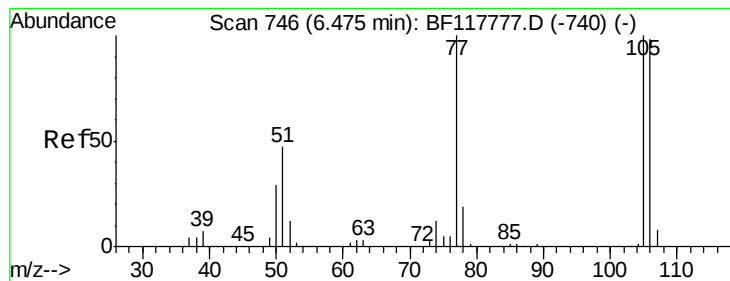
130 32.4 13.2 53.2

64 46.1 23.7 63.7



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: 36.416 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

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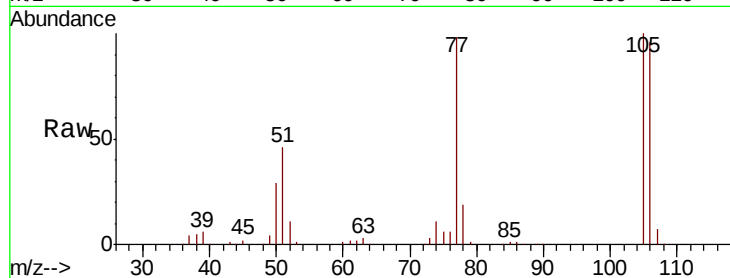
Tot Ion: 77 Resp: 266832

Ion Ratio Lower Upper

77 100

105 101.7 80.2 120.2

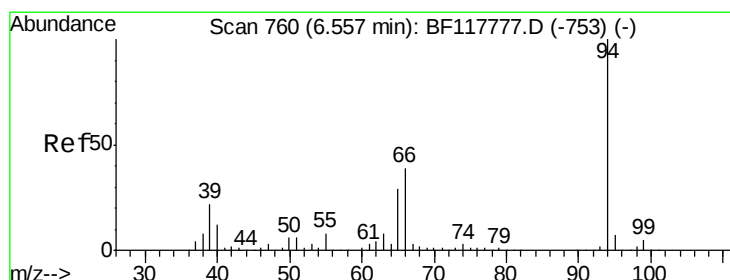
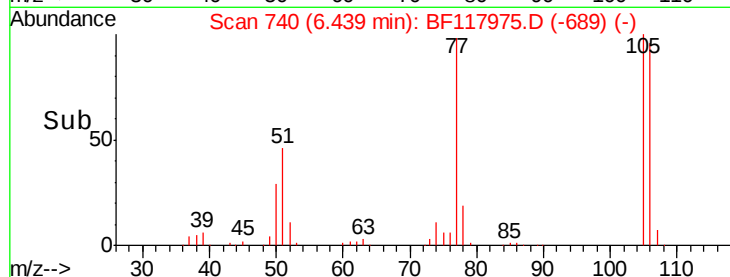
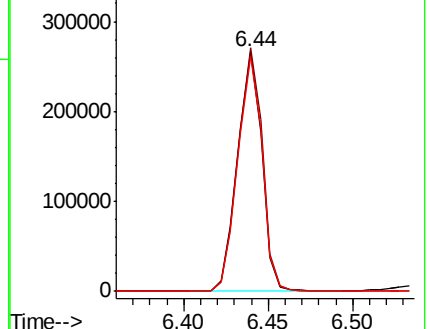
106 97.9 78.4 118.4



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: 45.287 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

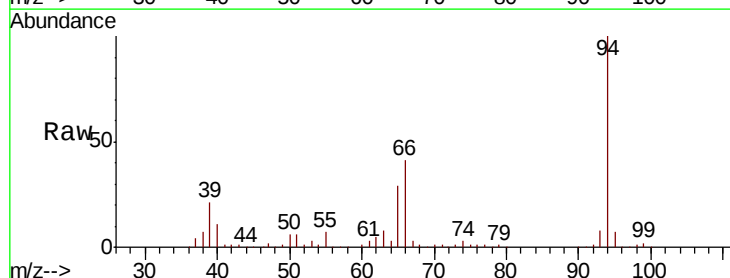
Tgt Ion: 94 Resp: 519398

Ion Ratio Lower Upper

94 100

65 29.2 8.9 48.9

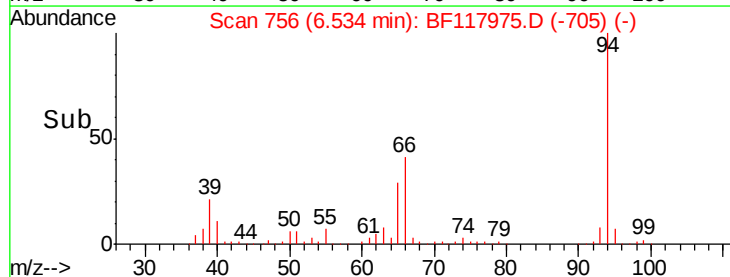
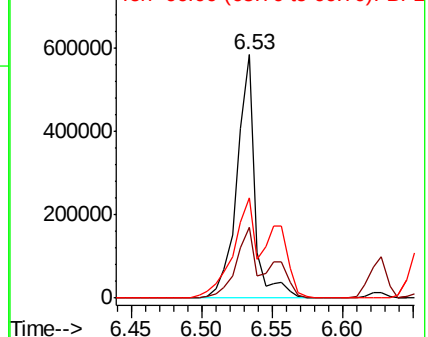
66 41.4 18.7 58.7

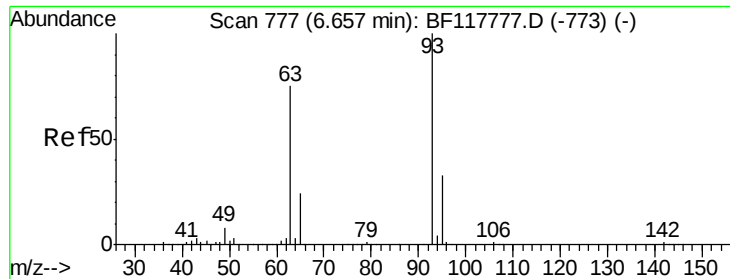


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

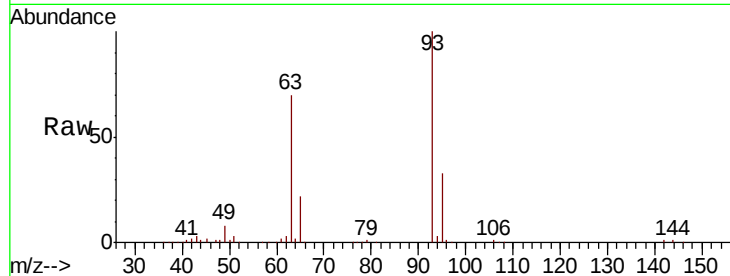




#11
bis(2-Chloroethyl)ether
Concen: 41.008 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	377690
Ion	Ratio	Lower	Upper
93	100		
63	69.9	54.8	94.8
95	32.8	12.7	52.7

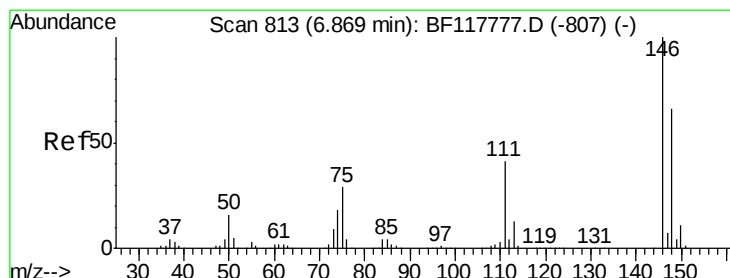
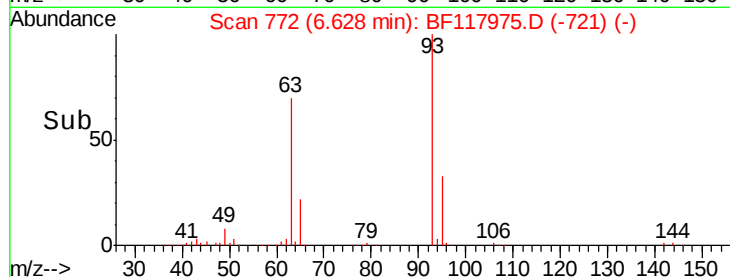
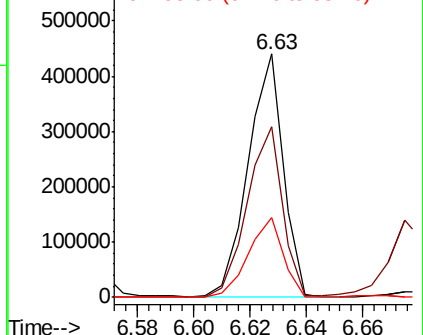


Abundance

Ion 93.00 (92.70 to 93.70): BF1

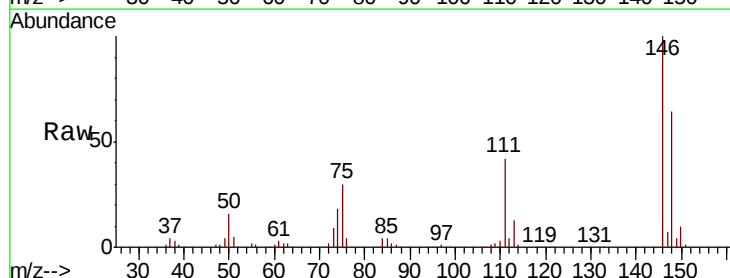
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.589 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion	146	Resp	497846
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
75	30.3	23.4	35.0

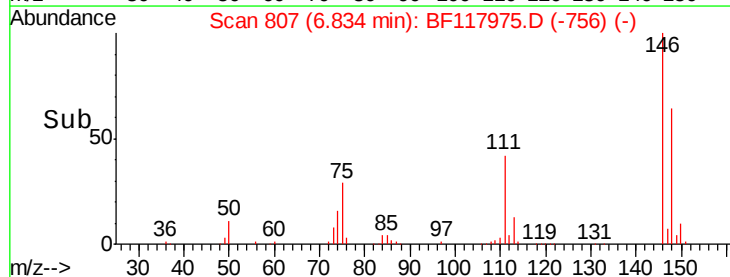
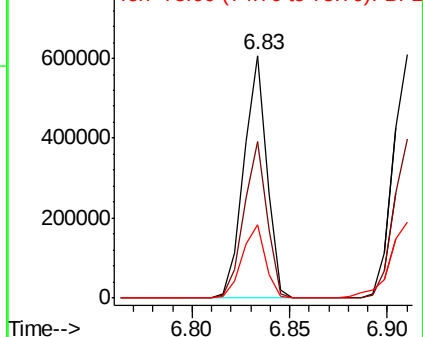


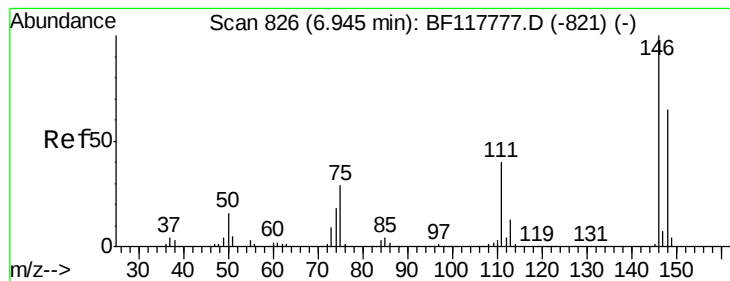
Abundance

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: 42.637 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

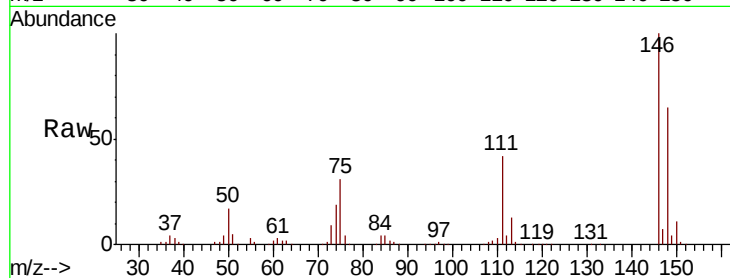
Tot Ion:146 Resp: 503791

Ion Ratio Lower Upper

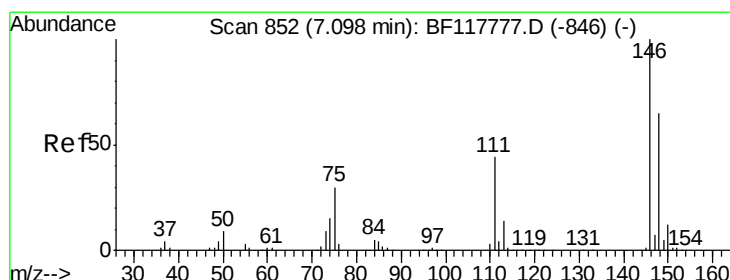
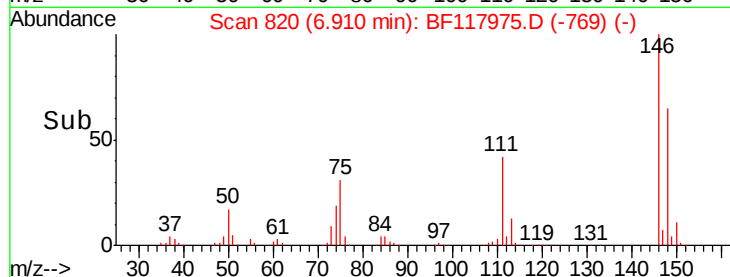
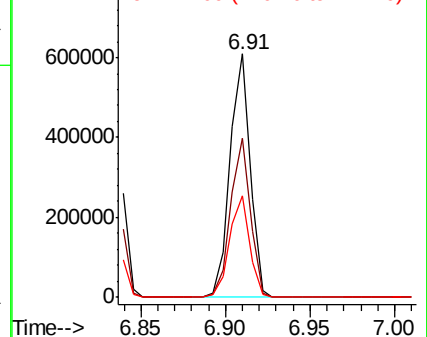
146 100

148 65.3 52.3 78.5

111 41.7 32.2 48.4



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: 42.112 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

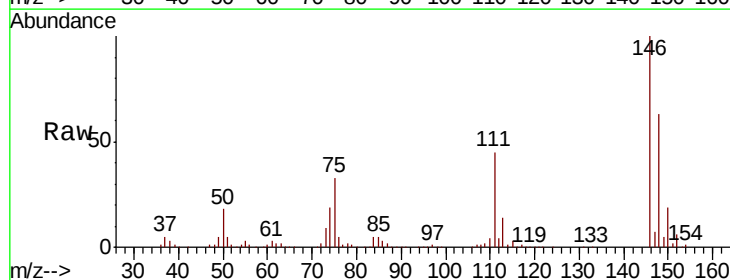
Tgt Ion:146 Resp: 475891

Ion Ratio Lower Upper

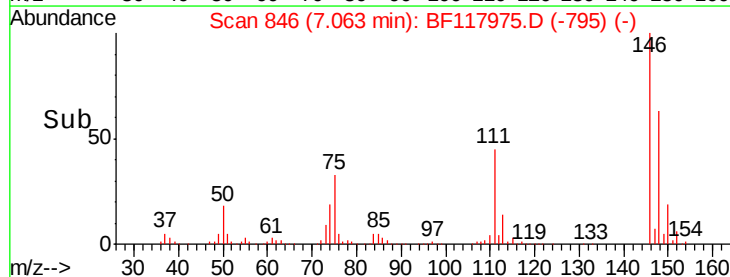
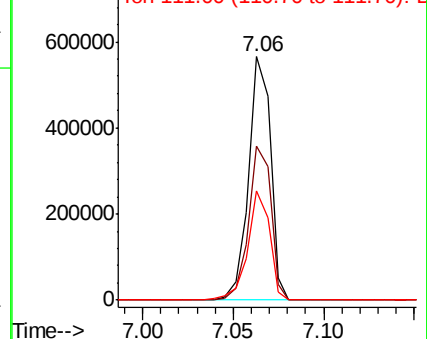
146 100

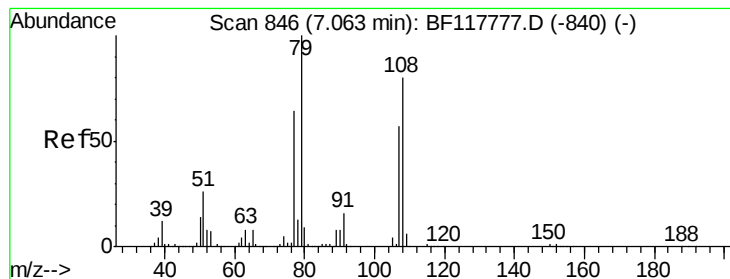
148 63.2 51.8 77.8

111 44.8 35.0 52.6



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





#15

Benzyl Alcohol

Concen: 45.090 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

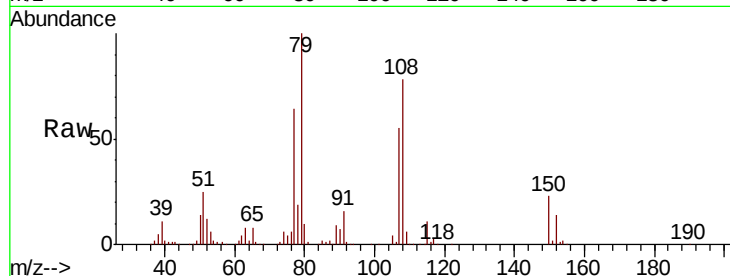
Tot Ion: 79 Resp: 384213

Ion Ratio Lower Upper

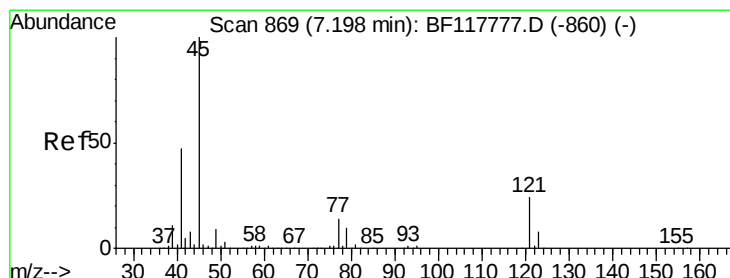
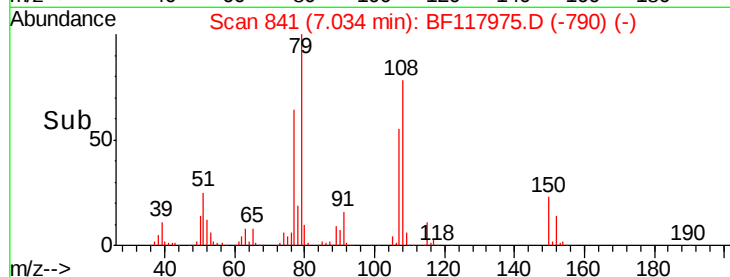
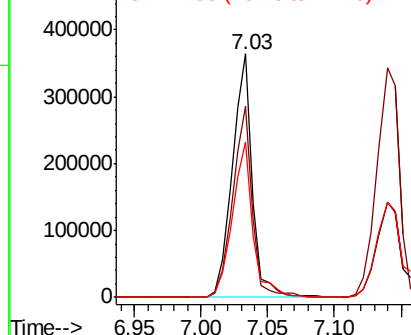
79 100

108 78.4 64.1 96.1

77 63.5 51.3 76.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.226 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

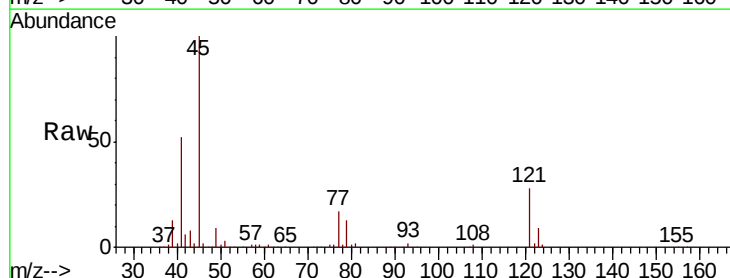
Tgt Ion: 45 Resp: 513692

Ion Ratio Lower Upper

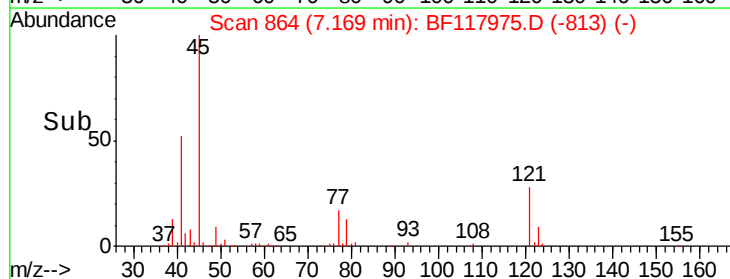
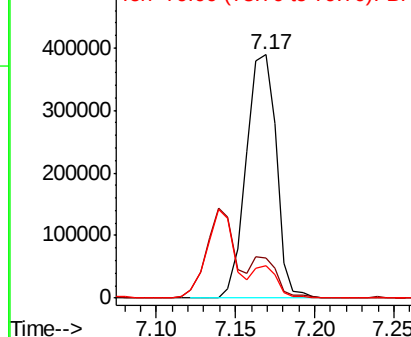
45 100

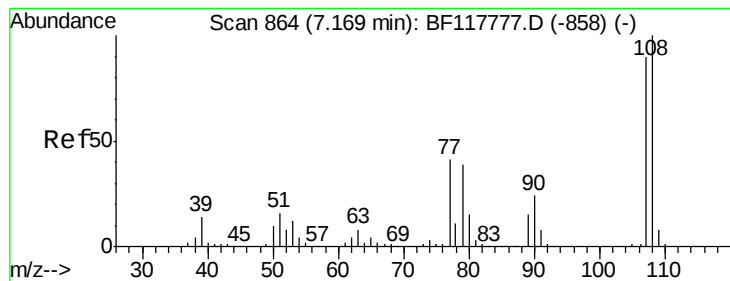
77 16.6 0.0 35.0

79 13.1 0.0 31.1



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

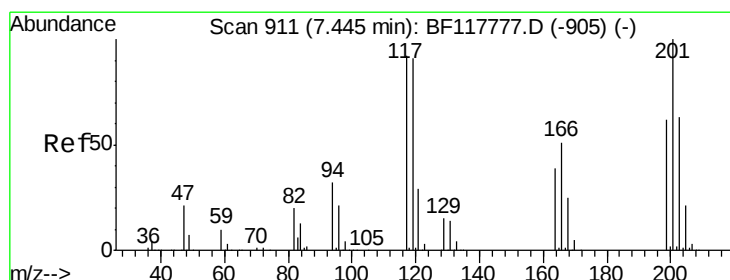
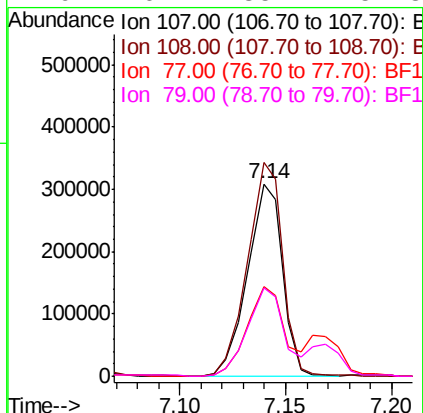
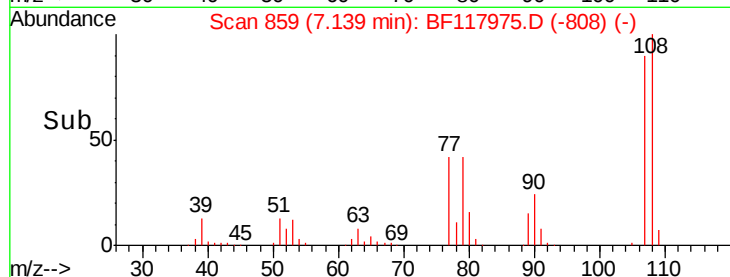
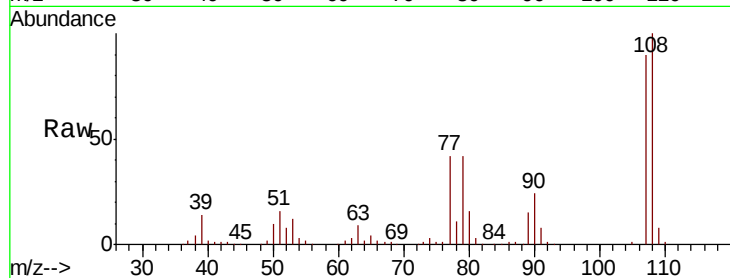




#17
2-Methylphenol
Concen: 42.100 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

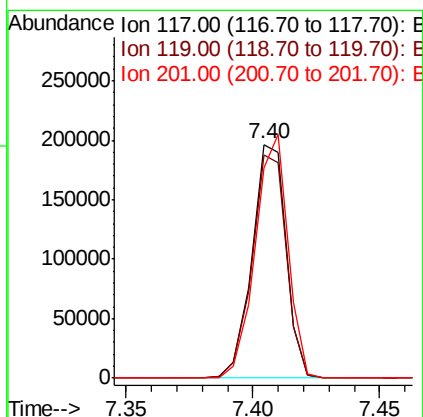
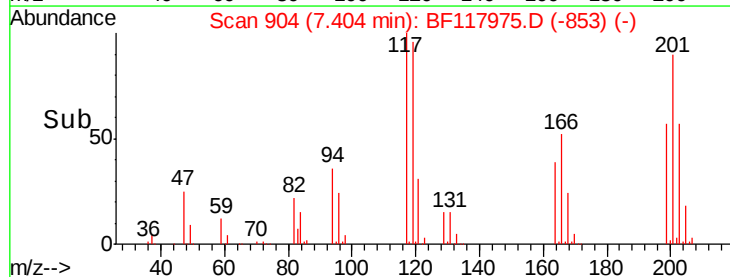
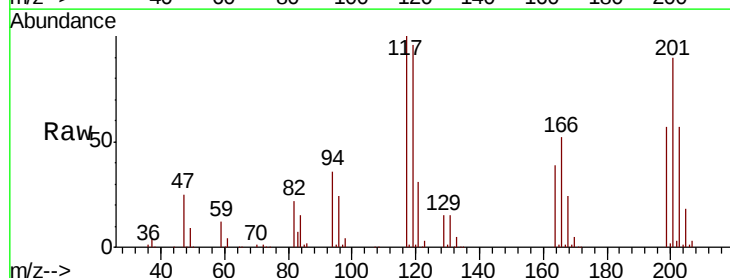
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

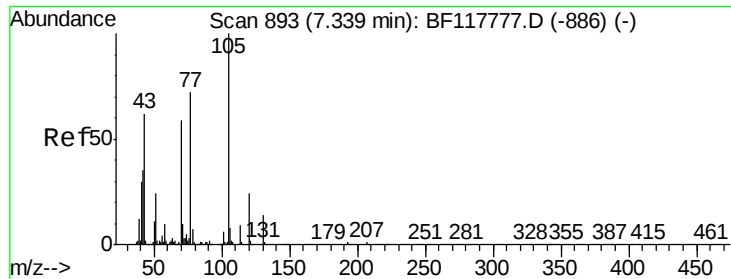
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.1	133.7
77	46.2	36.6	54.8
79	46.1	35.2	52.8



#18
Hexachloroethane
Concen: 42.481 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.7	118.1
201	89.9	86.5	129.7

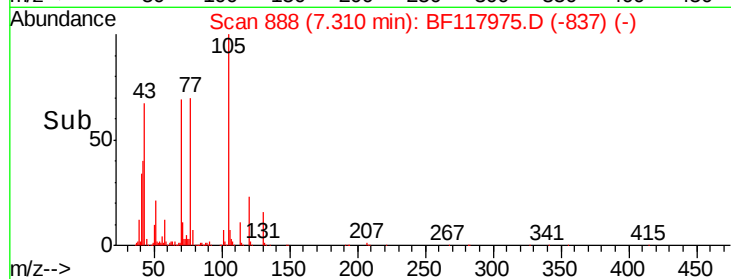
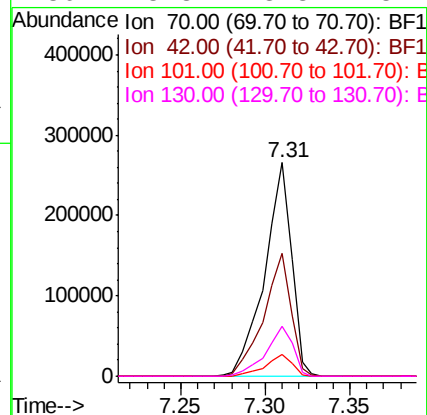
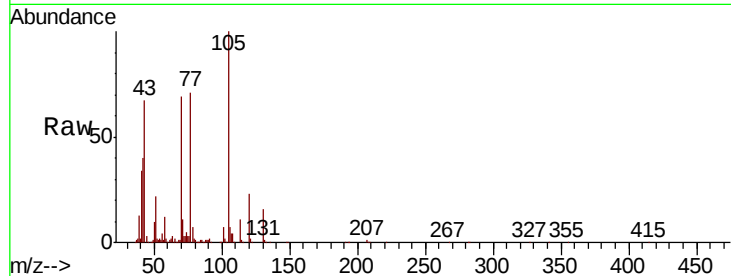




#19
n-Nitroso-di-n-propylamine
Concen: 43.232 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

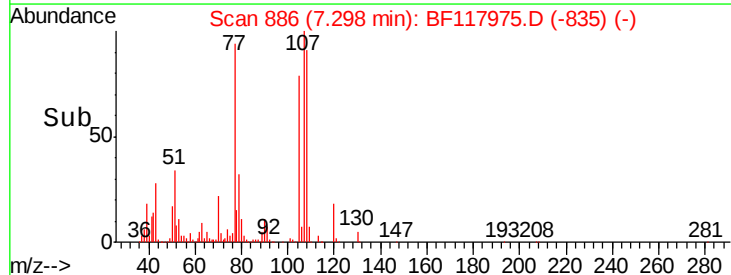
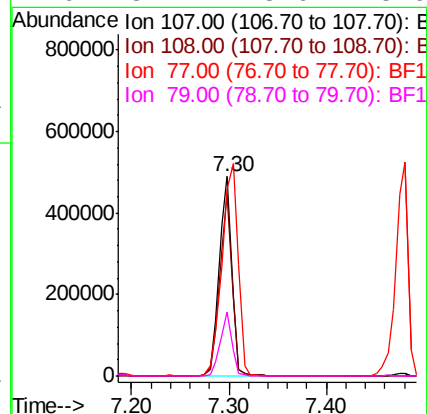
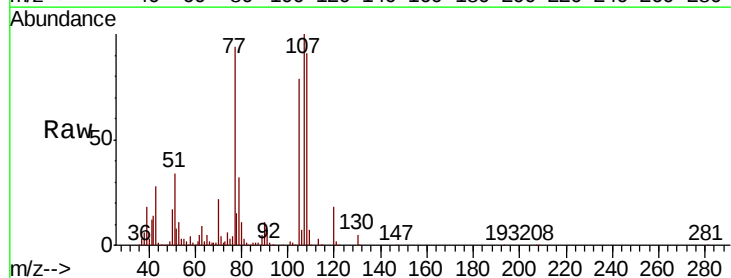
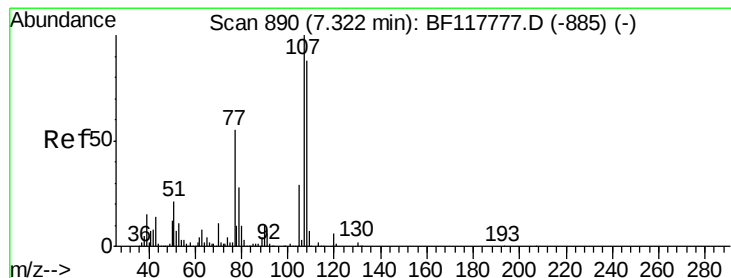
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	294368
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.4	71.2
101	10.2	8.4	12.6
130	23.3	18.8	28.2



#20
3+4-Methylphenols
Concen: 42.082 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:	107	Resp:	439241
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.4	108.4
77	93.7	35.2	75.2
79	32.1	8.6	48.6

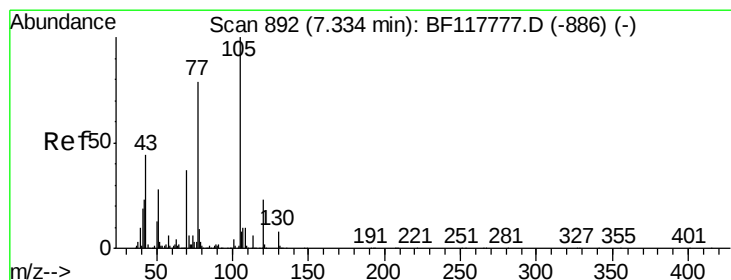
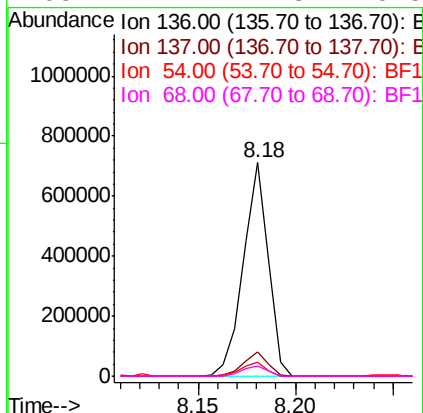
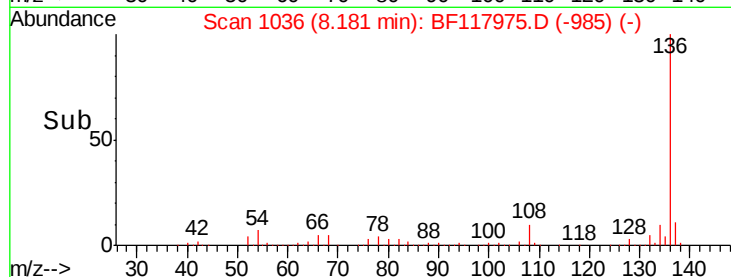
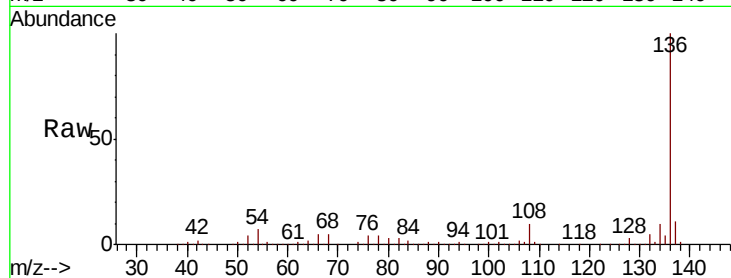




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

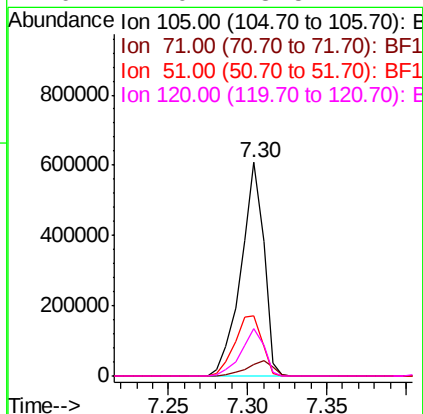
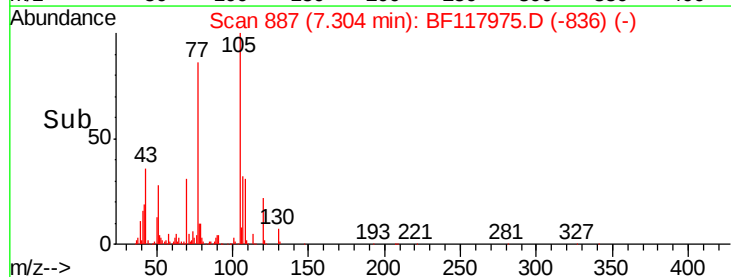
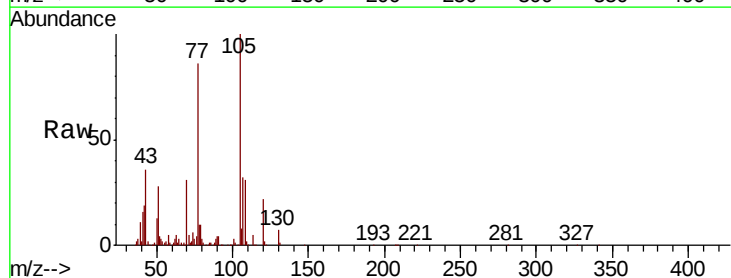
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

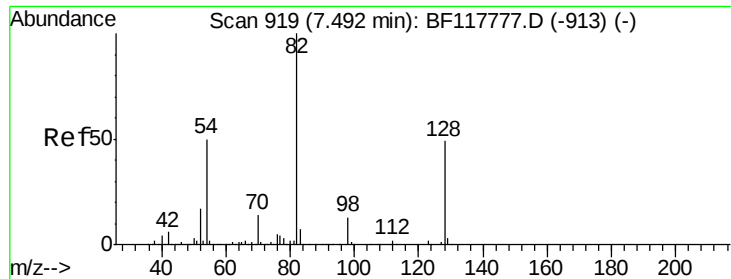
Tot Ion:136	Resp:	630720
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.4
54	6.6	5.4 8.2
68	4.7	4.3 6.5



#22
Acetophenone
Concen: 42.734 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:105	Resp:	605551
Ion	Ratio	Lower Upper
105	100	
71	5.2	4.9 7.3
51	28.5	22.7 34.1
120	22.0	18.5 27.7

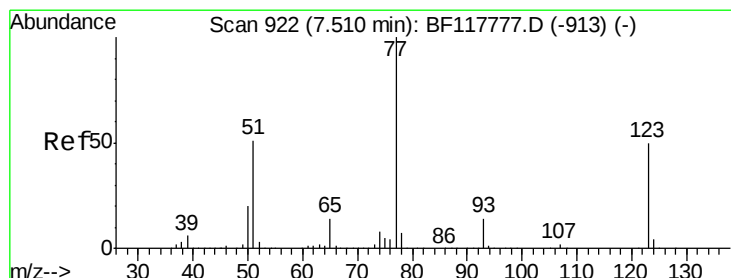
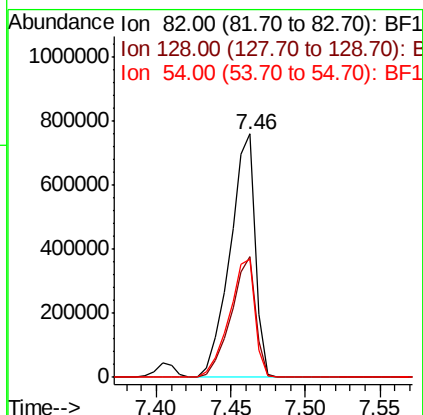
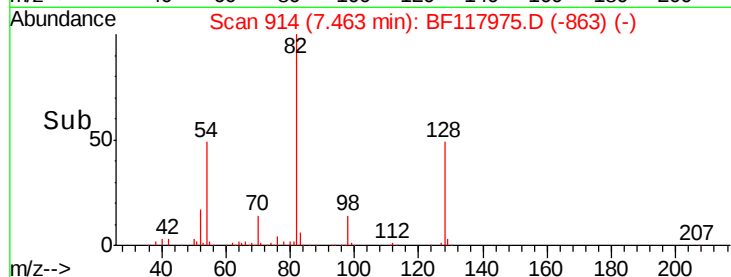
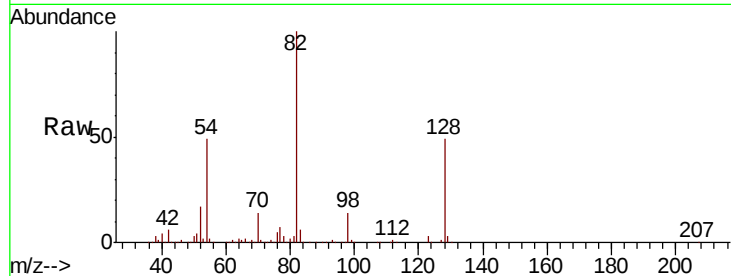




#23
 Nitrobenzene-d5
 Concen: 84.886 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

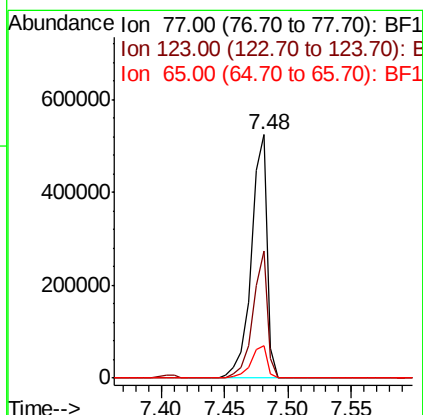
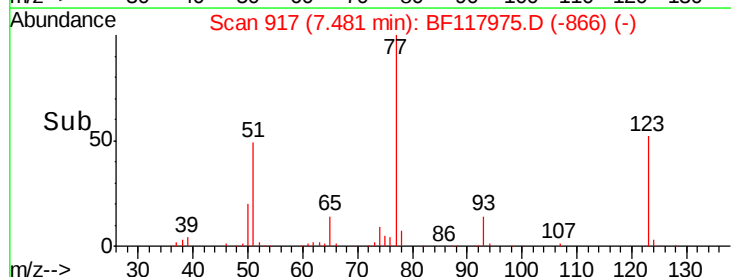
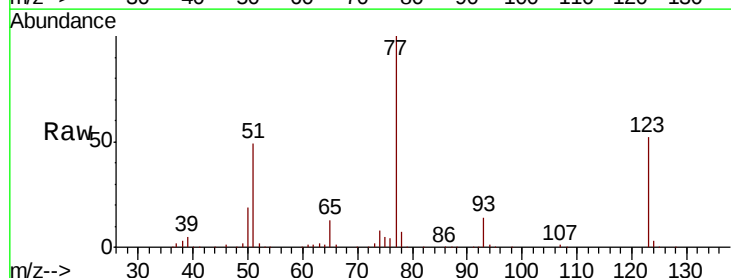
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

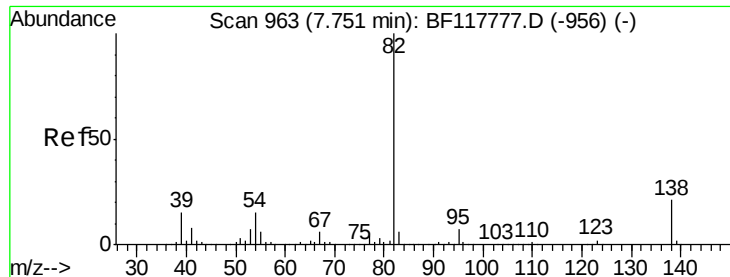
Tot Ion: 82 Resp: 900640
 Ion Ratio Lower Upper
 82 100
 128 49.3 38.9 58.3
 54 48.7 39.8 59.6



#24
 Nitrobenzene
 Concen: 41.573 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Tgt Ion: 77 Resp: 455036
 Ion Ratio Lower Upper
 77 100
 123 52.3 40.3 60.5
 65 13.3 10.9 16.3





#25

Isophorone

Concen: 41.549 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

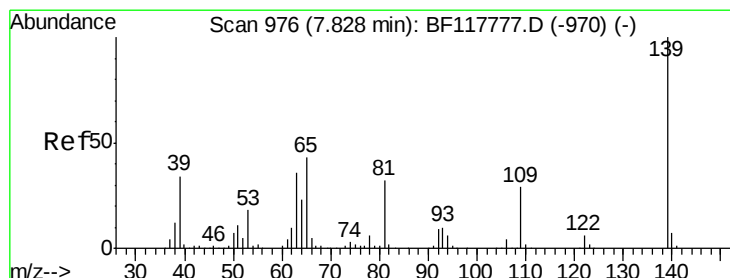
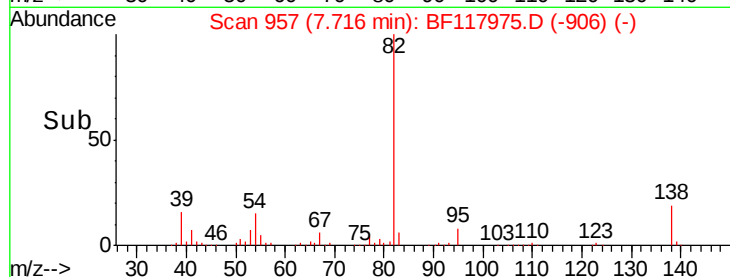
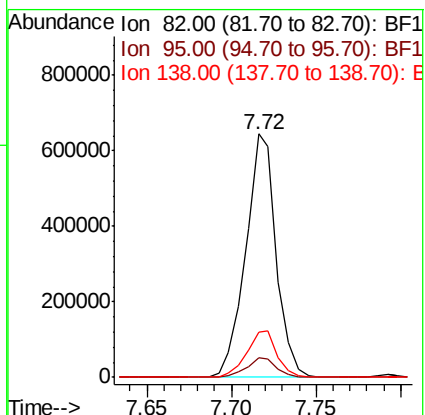
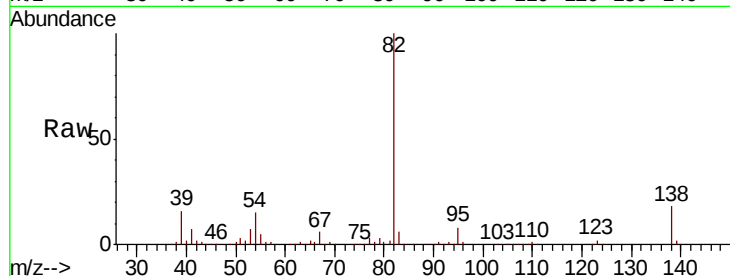
Tot Ion: 82 Resp: 807977

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.8

138 18.4 16.5 24.7



#26

2-Nitrophenol

Concen: 44.240 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

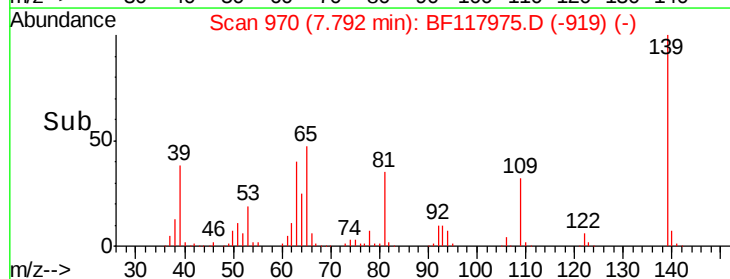
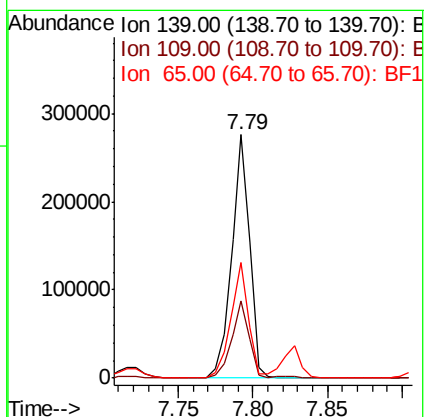
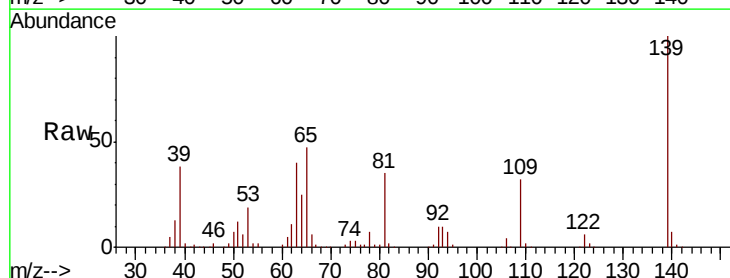
Tgt Ion: 139 Resp: 235688

Ion Ratio Lower Upper

139 100

109 31.5 23.0 34.4

65 47.4 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 39.137 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

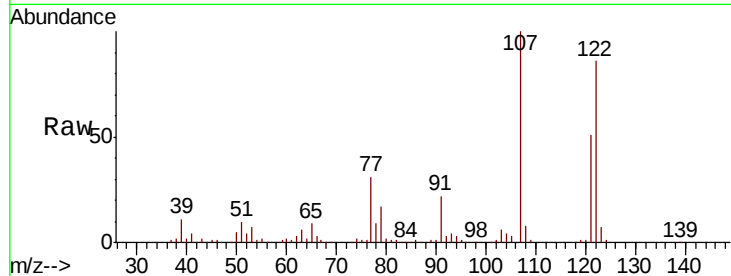
Tot Ion:122 Resp: 323992

Ion Ratio Lower Upper

122 100

107 116.5 90.0 135.0

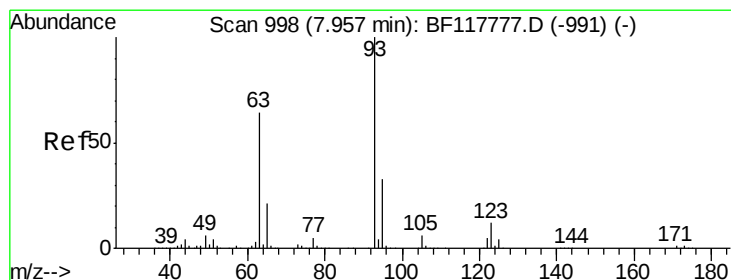
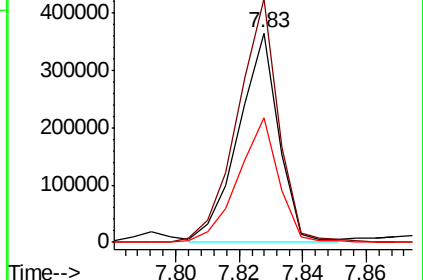
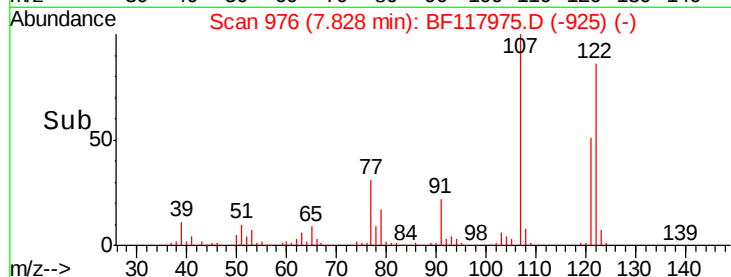
121 59.3 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.266 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

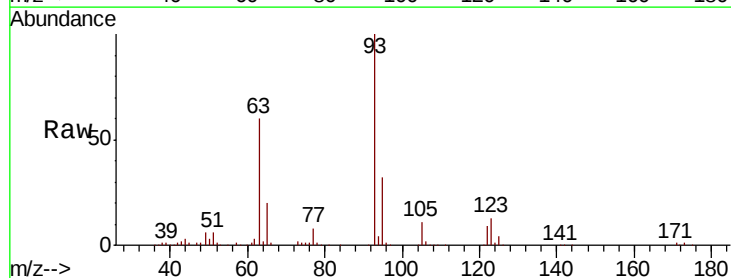
Tgt Ion: 93 Resp: 509227

Ion Ratio Lower Upper

93 100

95 32.2 26.6 40.0

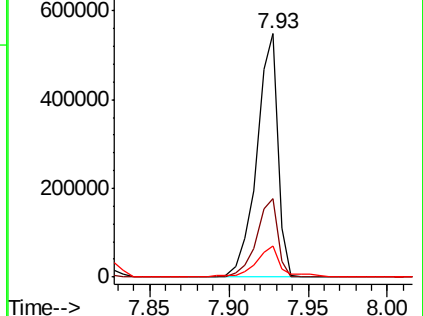
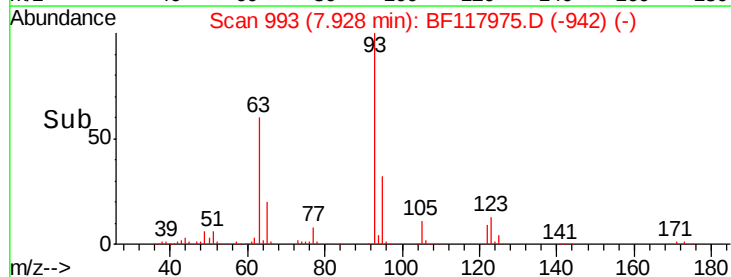
123 12.9 10.3 15.5



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

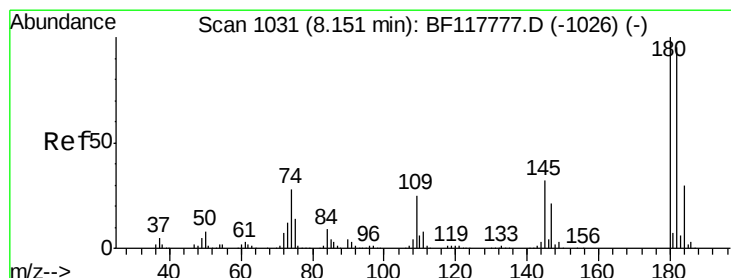
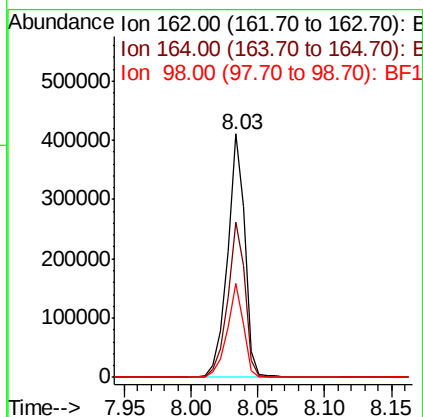
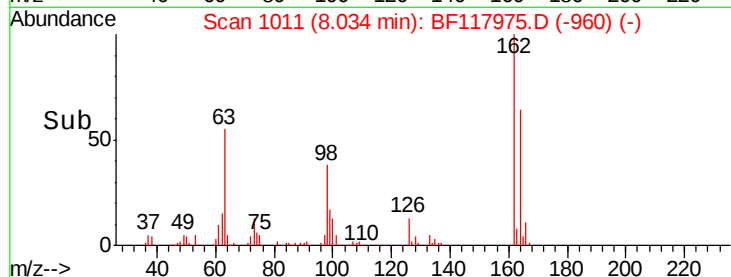
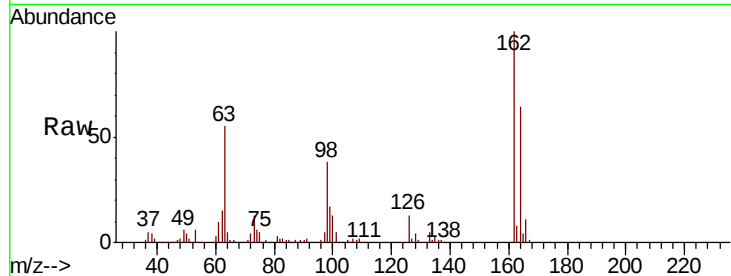




#29
2,4-Dichlorophenol
Concen: 42.077 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

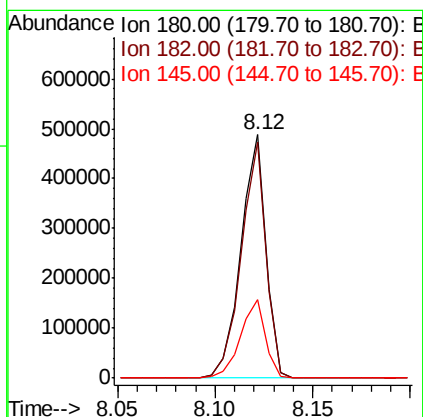
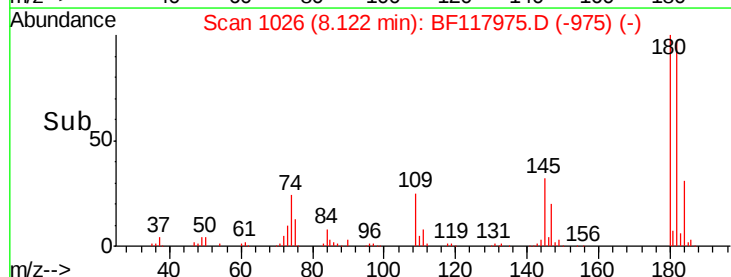
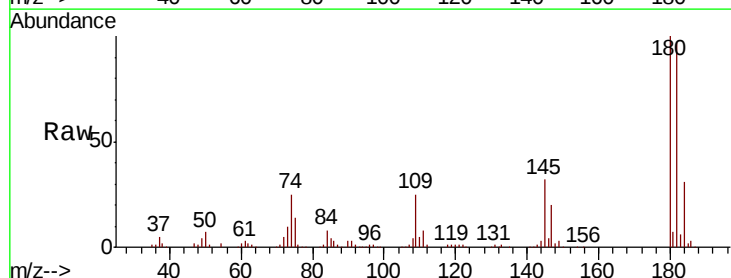
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

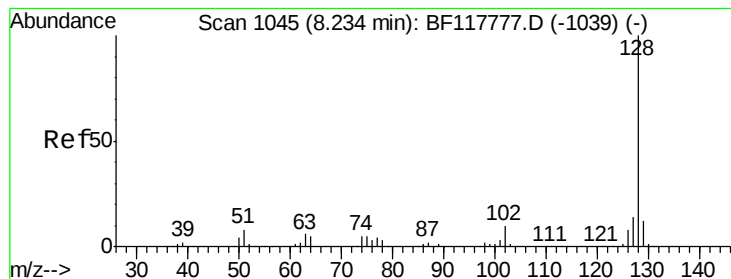
Tot Ion:162 Resp: 377836
Ion Ratio Lower Upper
162 100
164 63.9 45.1 85.1
98 38.4 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 41.557 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:180 Resp: 432851
Ion Ratio Lower Upper
180 100
182 96.7 75.8 113.6
145 32.5 25.5 38.3





#31

Naphthalene

Concen: 43.421 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

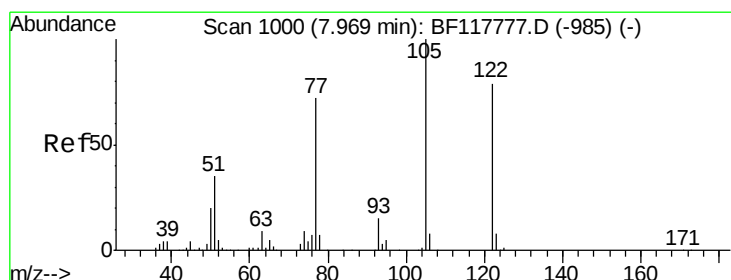
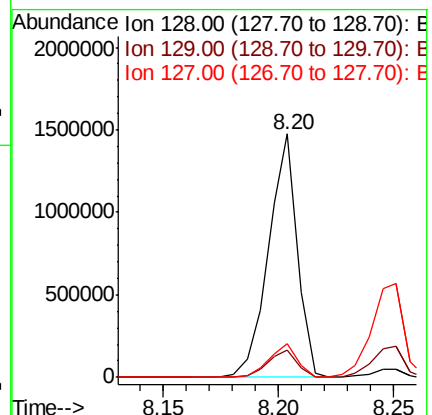
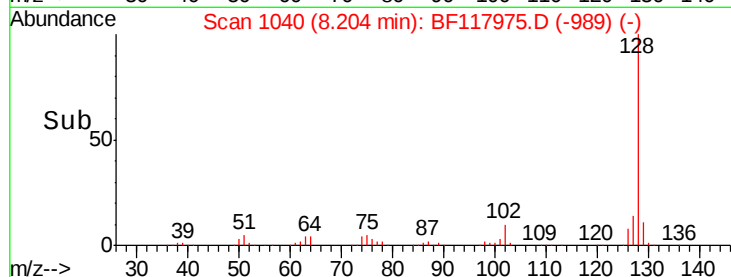
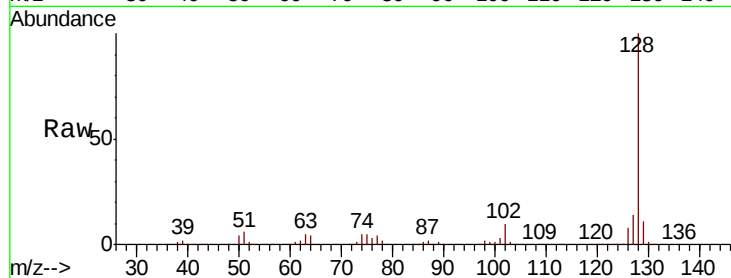
Tot Ion:128 Resp: 1276734

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

127 13.8 11.3 16.9



#32

Benzoic acid

Concen: 35.544 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

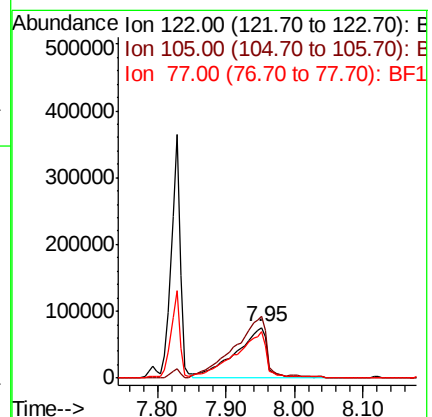
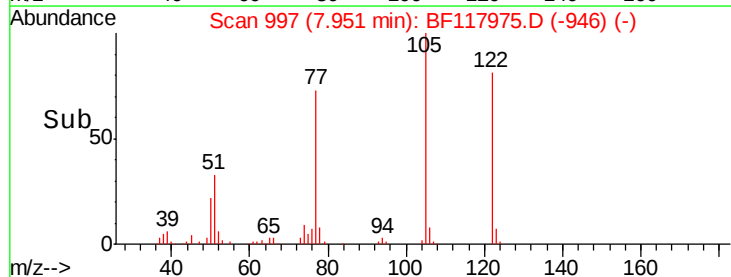
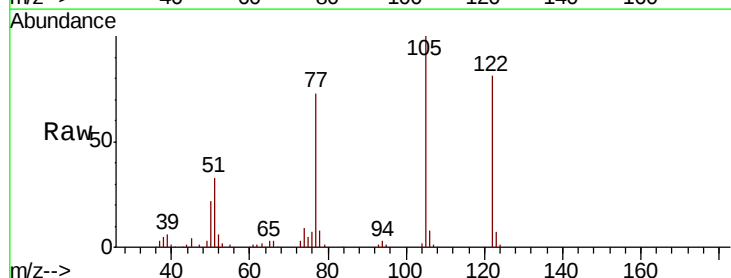
Tgt Ion:122 Resp: 246376

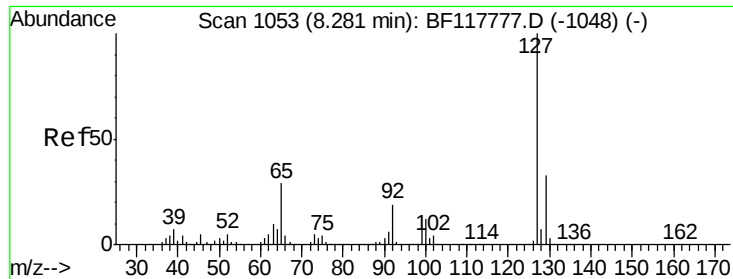
Ion Ratio Lower Upper

122 100

105 123.9 102.7 142.7

77 91.1 70.5 110.5

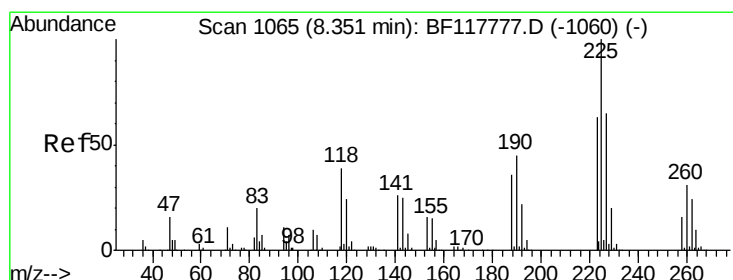
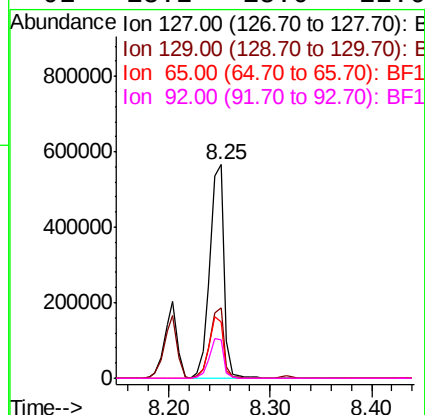
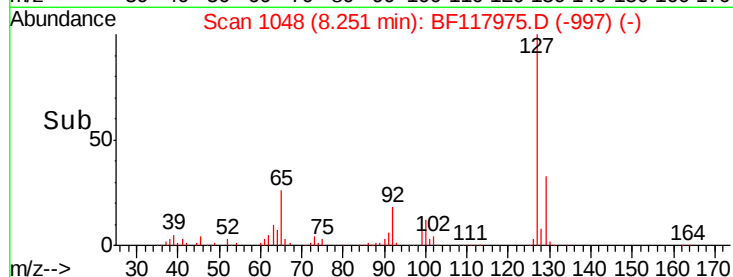
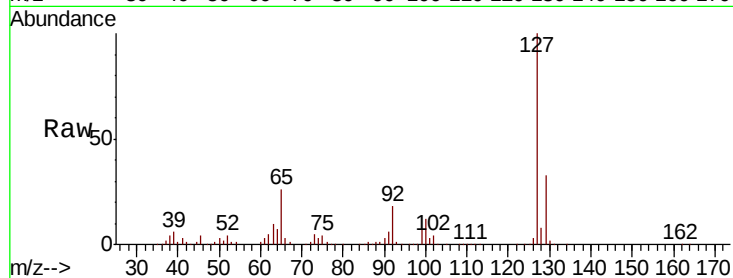




#33
4-Chloroaniline
Concen: 41.948 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

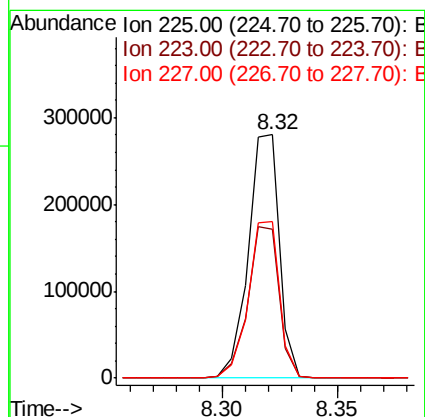
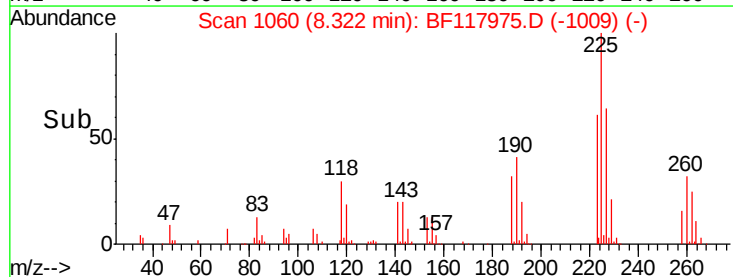
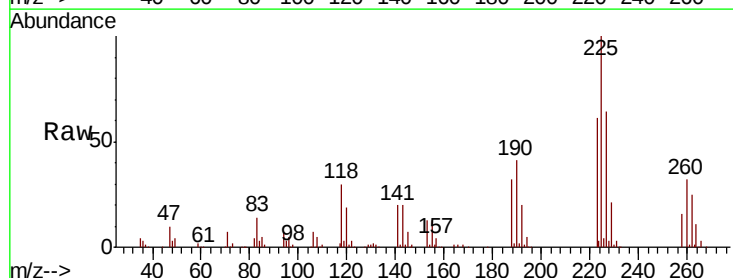
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	552180
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.5	39.7
65	26.4	22.9	34.3
92	18.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 43.412 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:	225	Resp:	264367
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.0	75.0
227	64.3	51.8	77.6

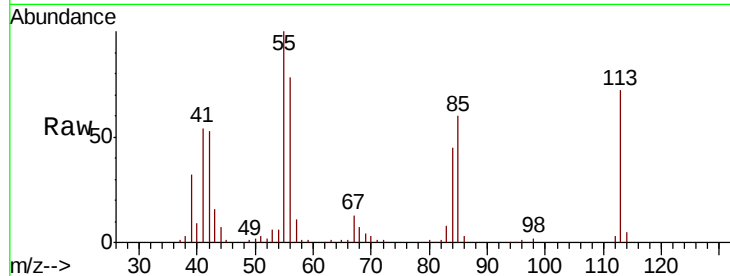




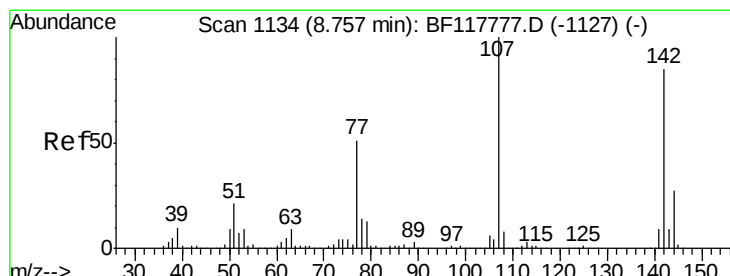
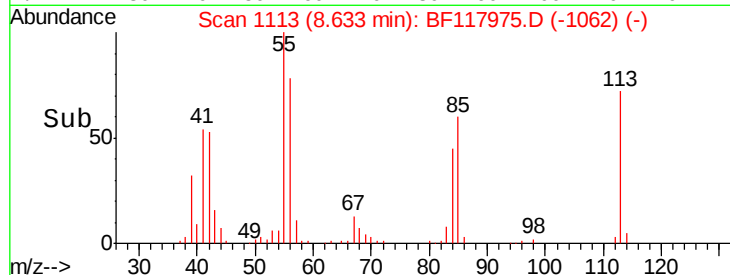
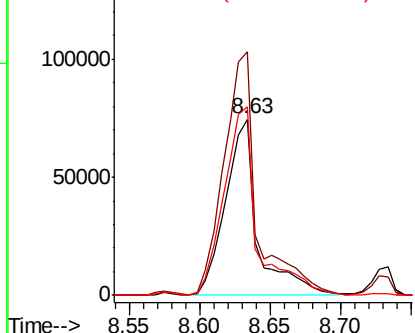
#35
Caprolactam
Concen: 41.586 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 118681
Ion Ratio Lower Upper
113 100
55 138.5 141.1 181.1#
56 107.3 100.5 140.5

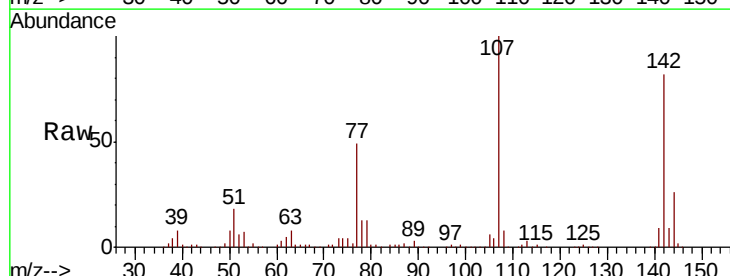


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

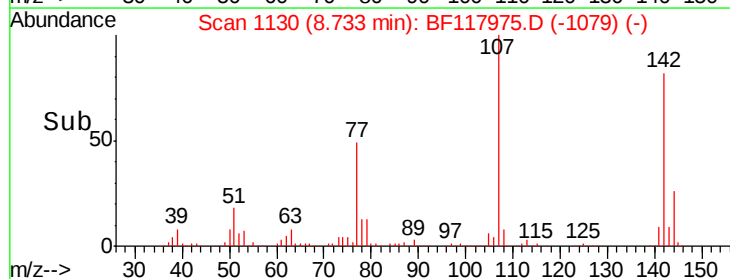
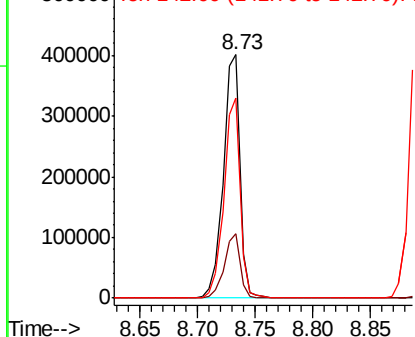


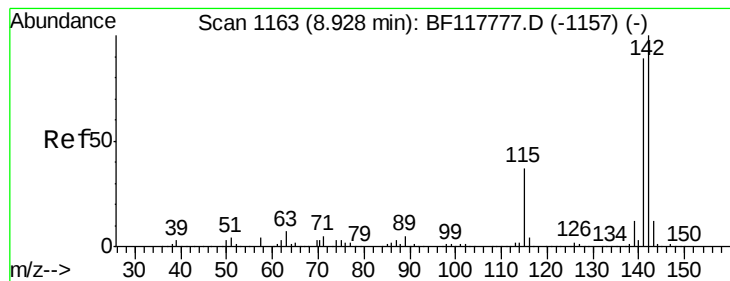
#36
4-Chloro-3-methylphenol
Concen: 44.089 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:107 Resp: 401792
Ion Ratio Lower Upper
107 100
144 26.3 21.9 32.9
142 82.4 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.019 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

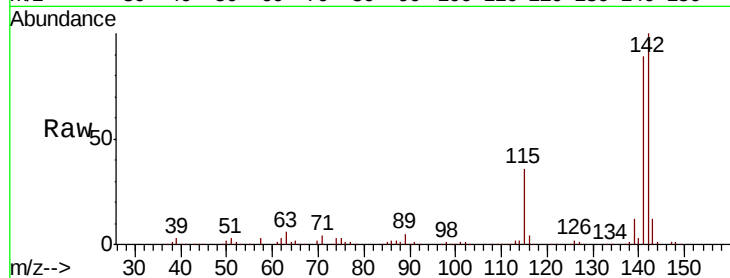
Tot Ion:142 Resp: 874518

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7

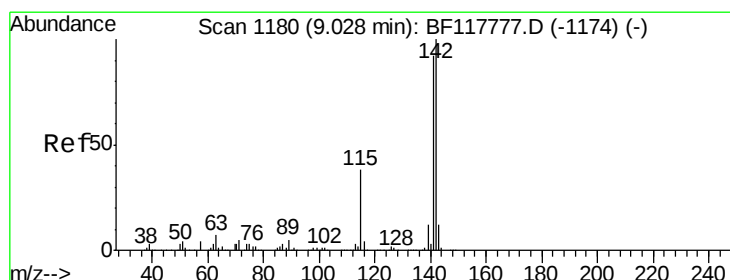
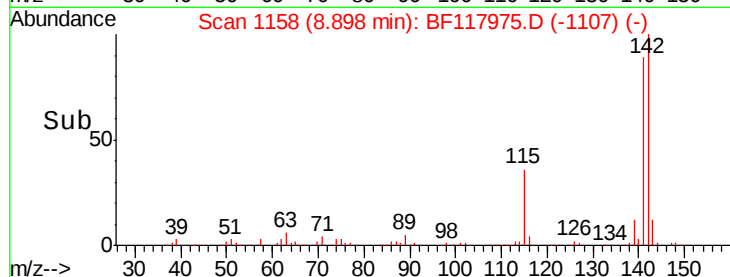
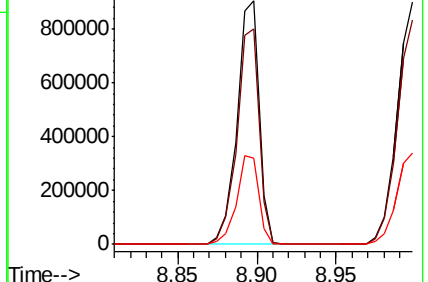
115 35.6 29.2 43.8



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: 43.728 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

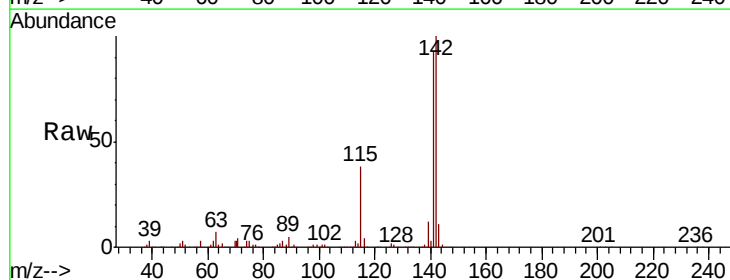
Tgt Ion:142 Resp: 821313

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3

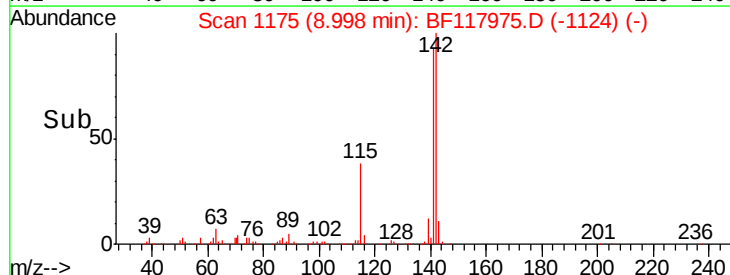
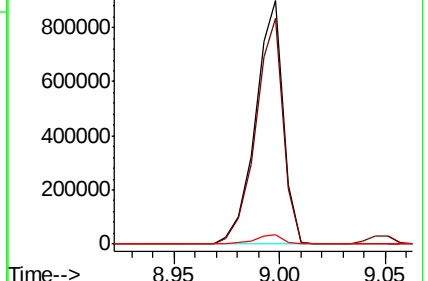
116 4.0 3.2 4.8



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

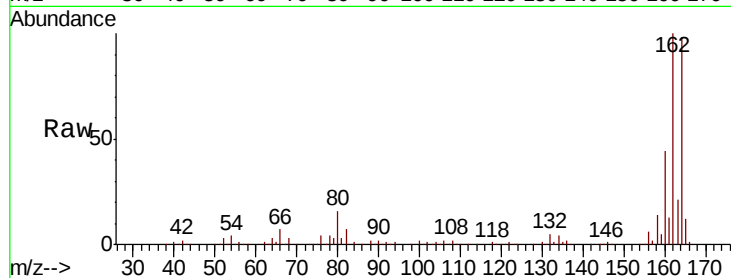




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	44.4	36.6	55.0

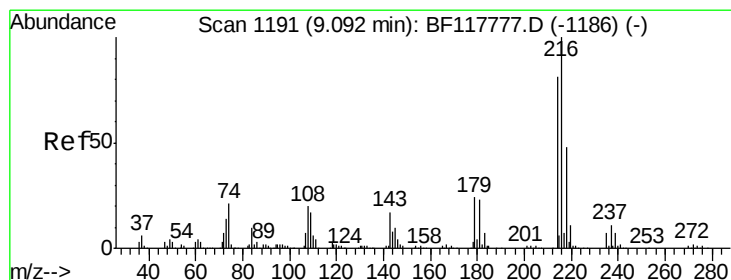
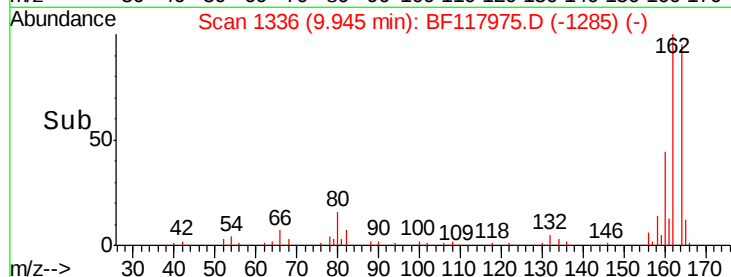
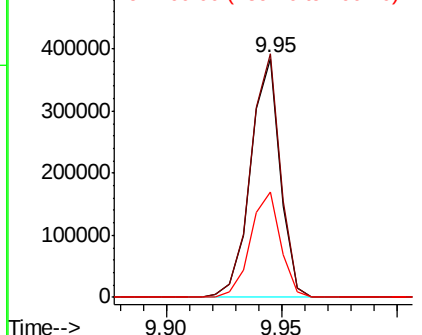


Abundance

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: 40.894 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	23.2	18.2	27.4
108	20.4	16.0	24.0

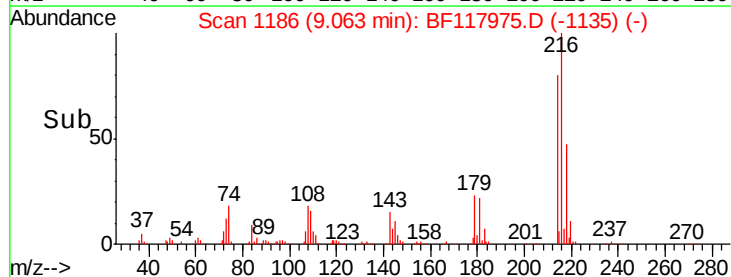
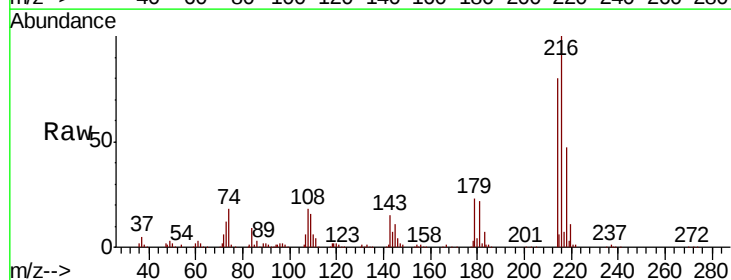
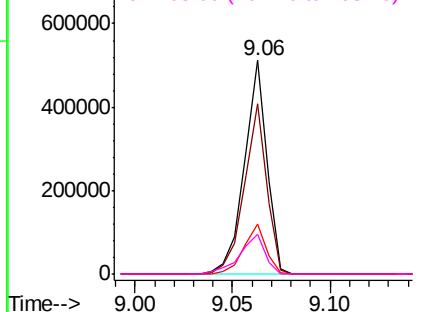
Abundance

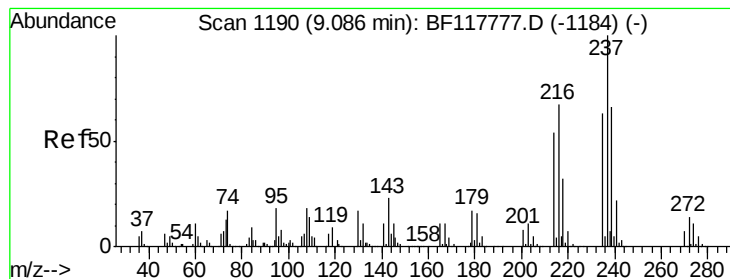
Ion 216.00 (215.70 to 216.70): E

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: 39.198 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

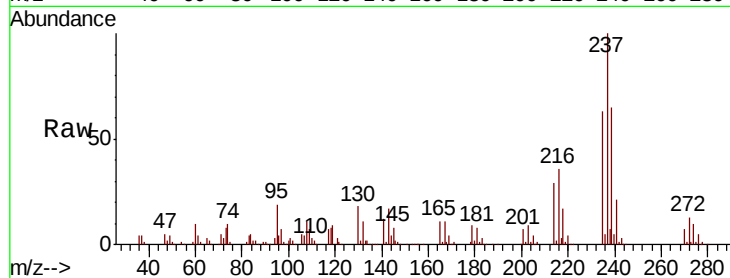
Tot Ion:237 Resp: 219969

Ion Ratio Lower Upper

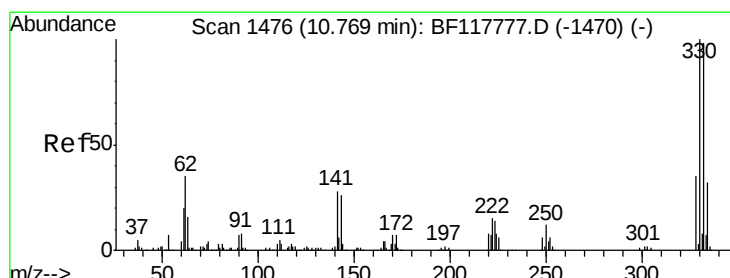
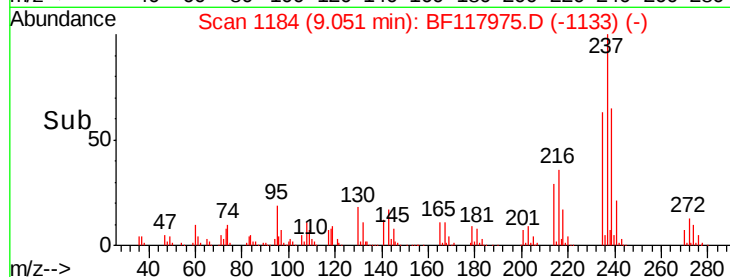
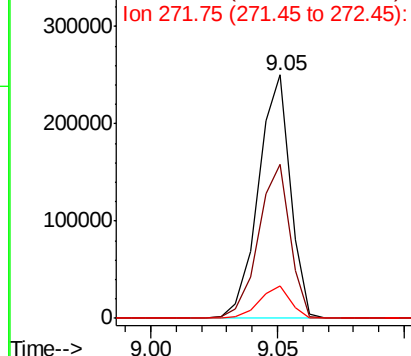
237 100

235 63.2 42.6 82.6

272 13.2 0.0 34.3



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: 92.486 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

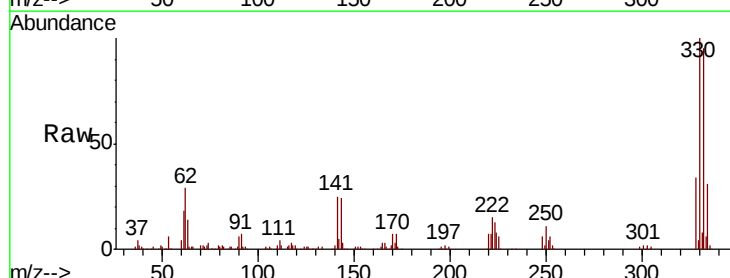
Tgt Ion:330 Resp: 337625

Ion Ratio Lower Upper

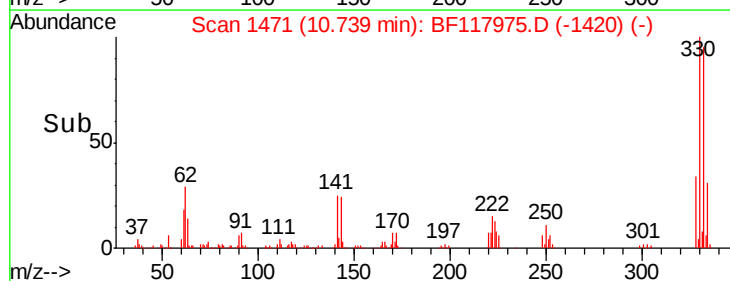
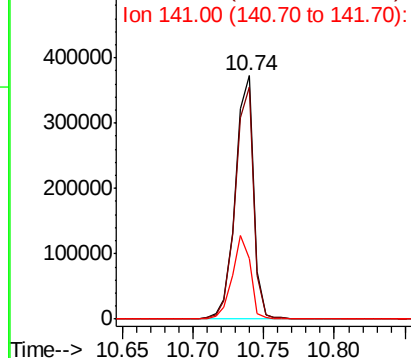
330 100

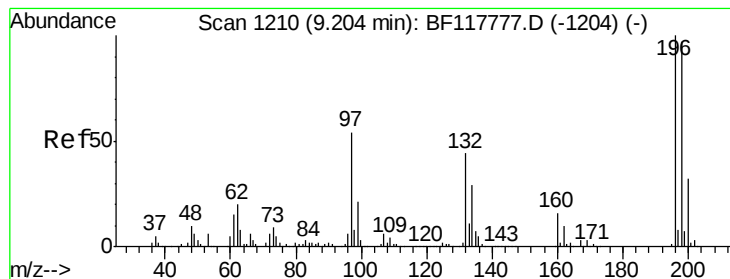
332 96.1 76.7 115.1

141 34.1 27.7 41.5



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: 40.485 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

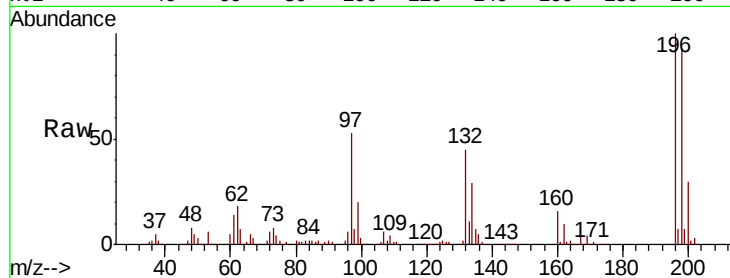
Tot Ion:196 Resp: 290382

Ion Ratio Lower Upper

196 100

198 93.3 77.8 116.6

200 29.6 25.4 38.0

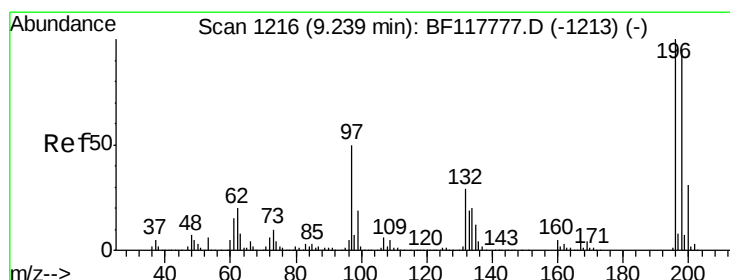
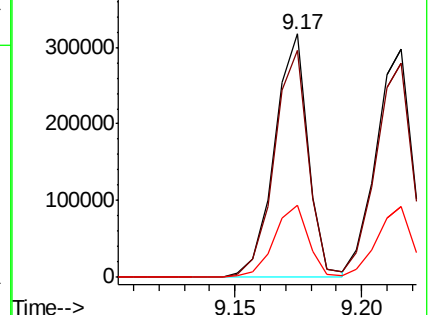
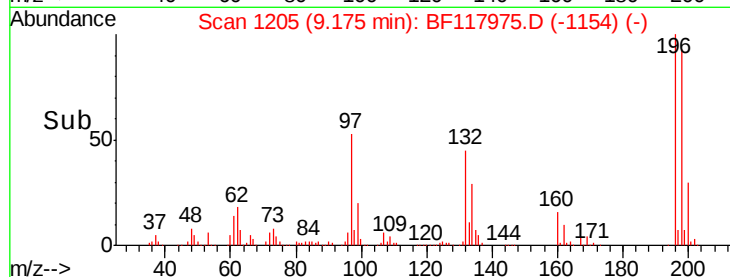


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.075 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Tgt Ion:196 Resp: 298443

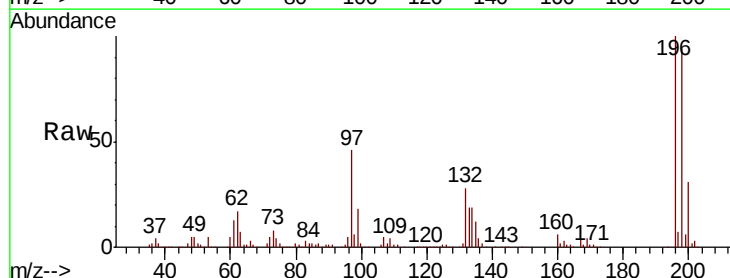
Ion Ratio Lower Upper

196 100

198 93.9 76.3 114.5

97 46.3 40.0 60.0

132 28.4 23.6 35.4



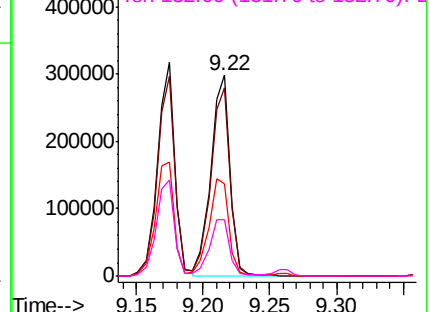
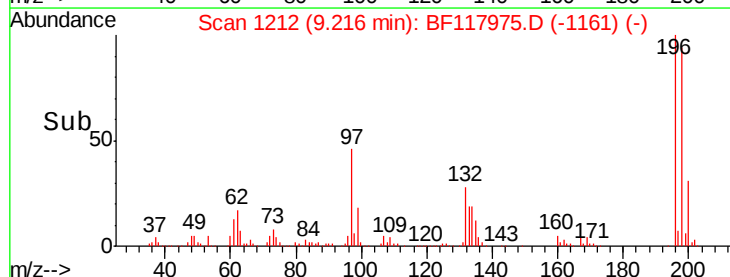
Abundance

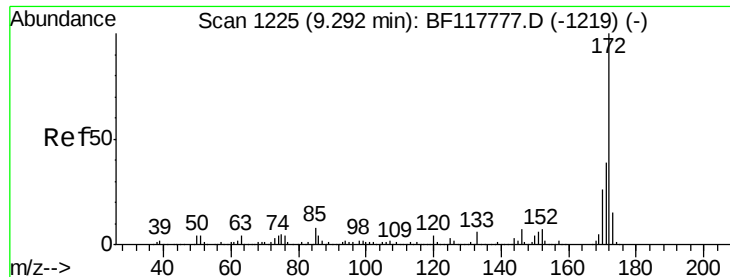
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

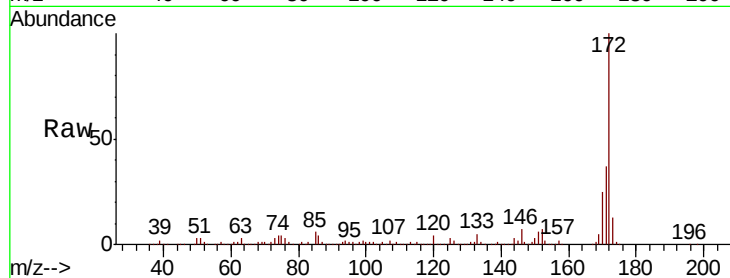




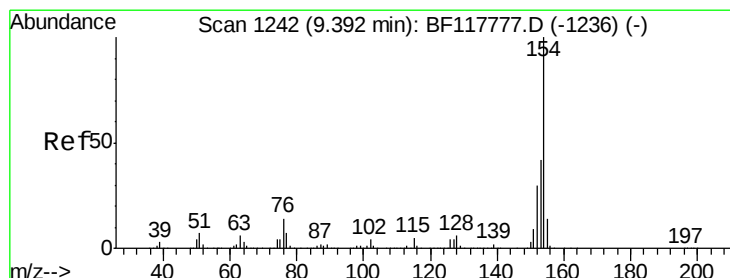
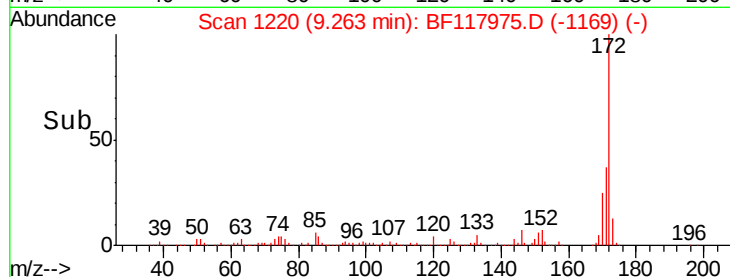
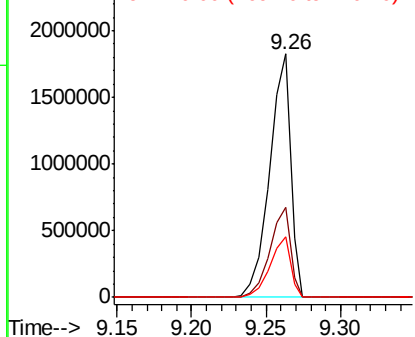
#45
2-Fluorobiphenyl
Concen: 92.419 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1776309
Ion Ratio Lower Upper
172 100
171 37.1 30.9 46.3
170 24.7 21.0 31.4

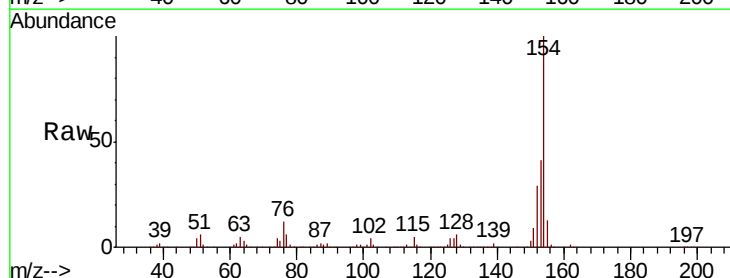


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

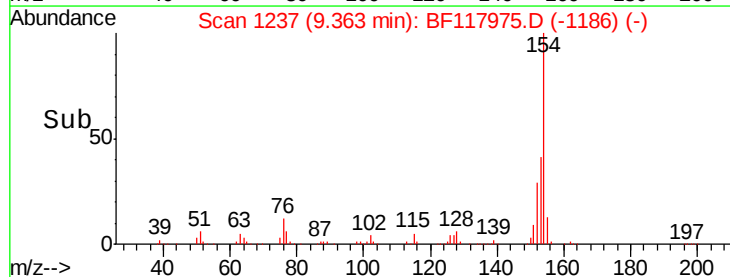
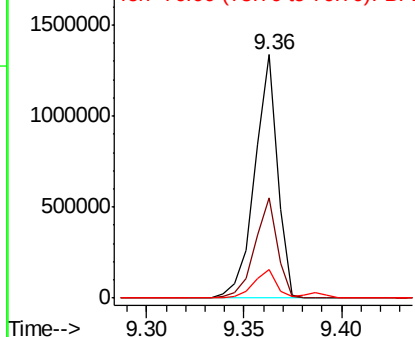


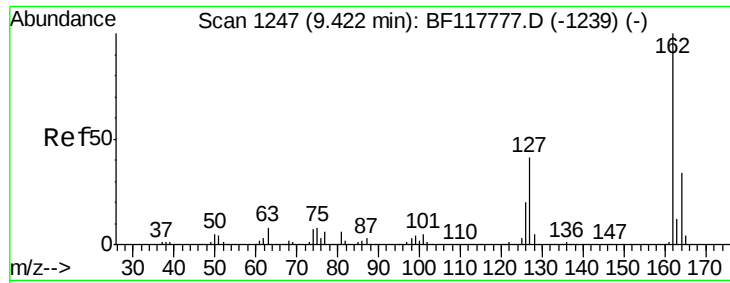
#46
1,1'-Biphenyl
Concen: 42.199 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:154 Resp: 1079544
Ion Ratio Lower Upper
154 100
153 41.4 21.9 61.9
76 11.7 0.0 33.6



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

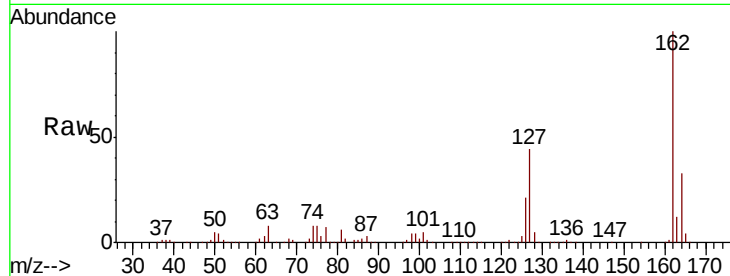




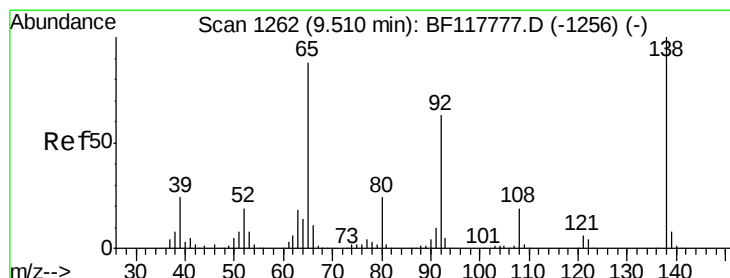
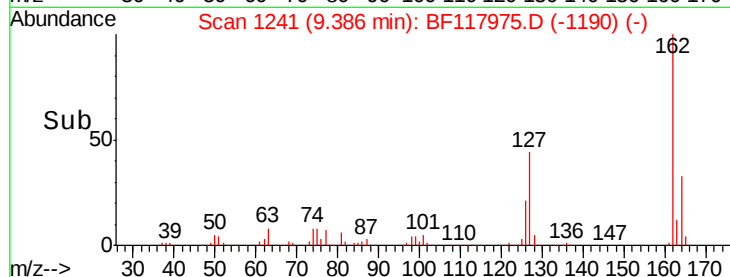
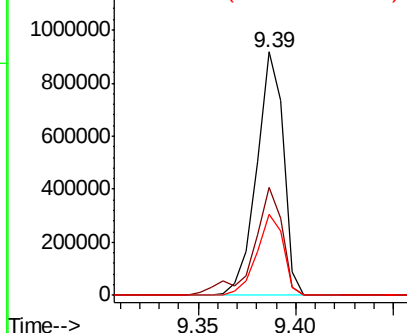
#47
 2-Chloronaphthalene
 Concen: 41.366 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 870570
 Ion Ratio Lower Upper
 162 100
 127 44.5 33.2 49.8
 164 33.4 27.3 40.9

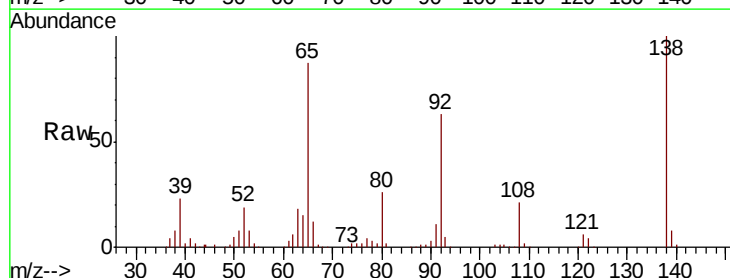


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

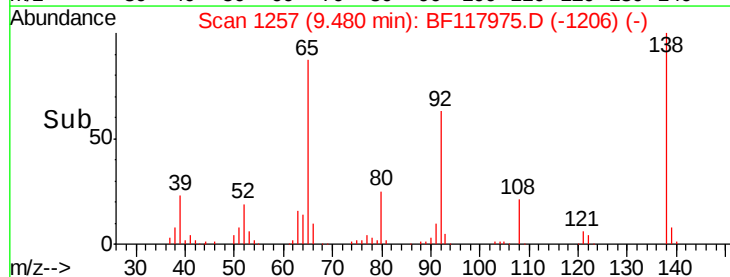
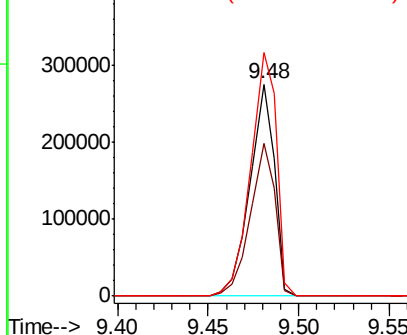


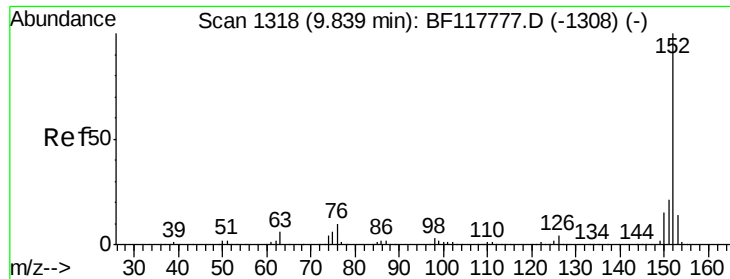
#48
 2-Nitroaniline
 Concen: 41.112 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Tgt Ion: 65 Resp: 261210
 Ion Ratio Lower Upper
 65 100
 92 72.0 56.6 84.8
 138 114.9 90.5 135.7



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: 42.707 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

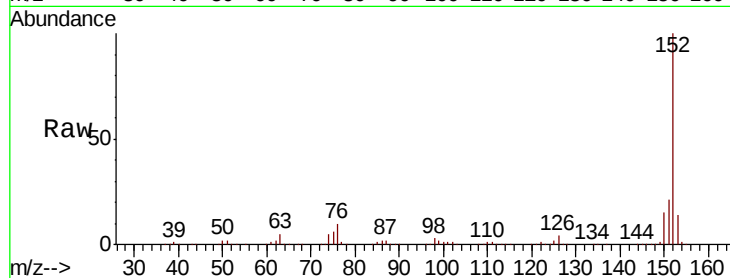
Tot Ion:152 Resp: 1310380

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

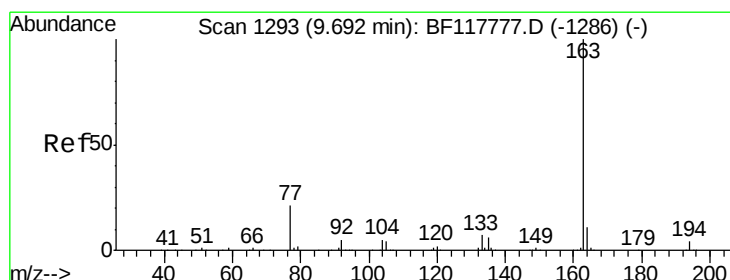
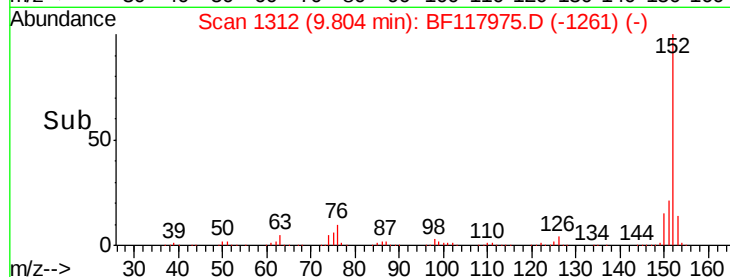
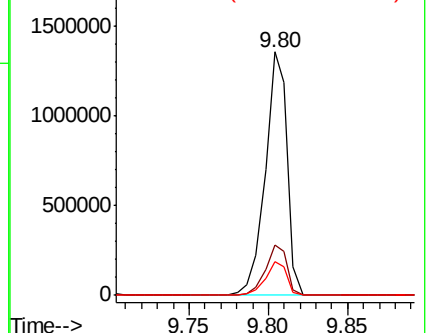
153 13.7 11.0 16.6



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: 43.308 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

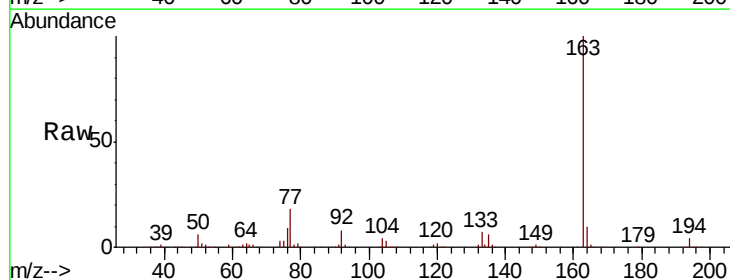
Tgt Ion:163 Resp: 1047186

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

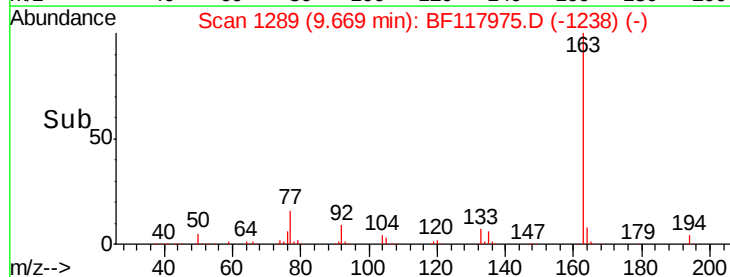
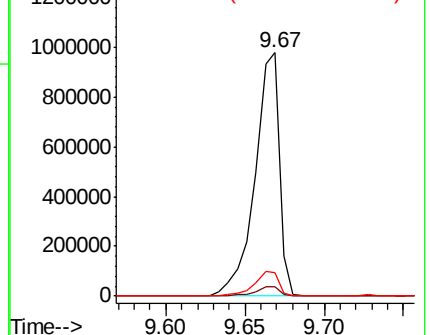
164 9.9 8.7 13.1

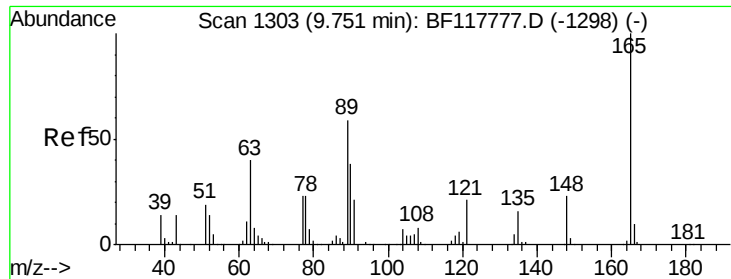


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

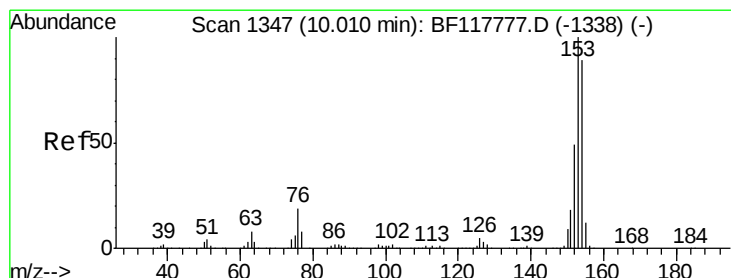
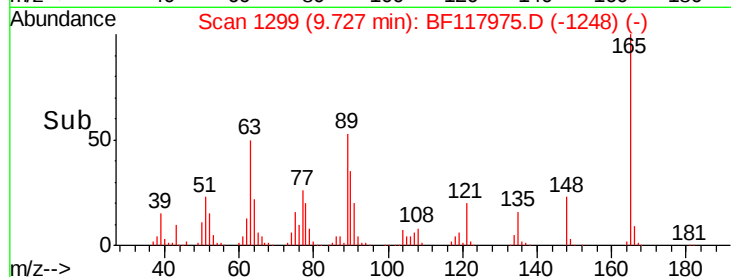
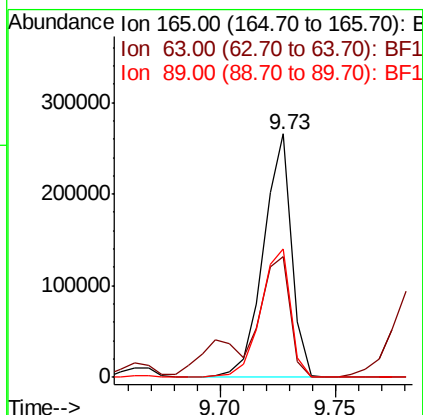
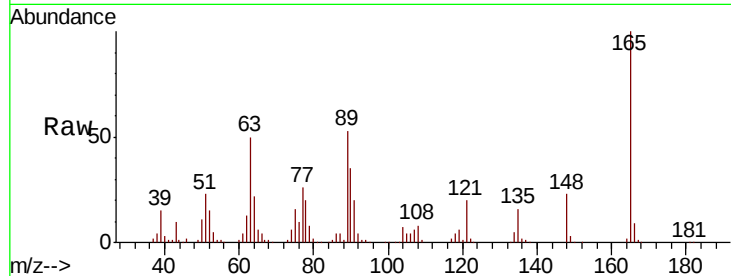




#51
 2,6-Dinitrotoluene
 Concen: 42.564 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

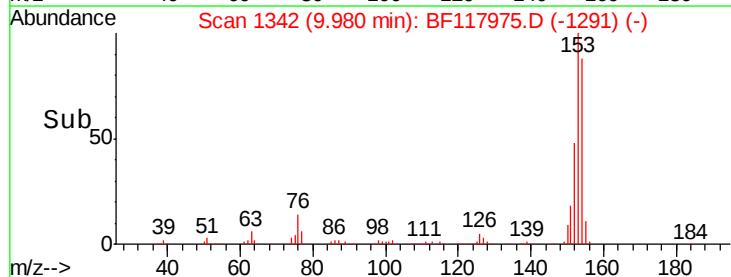
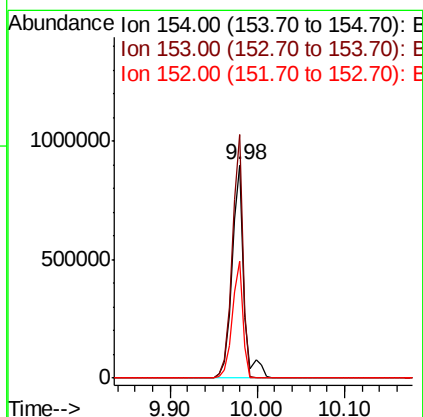
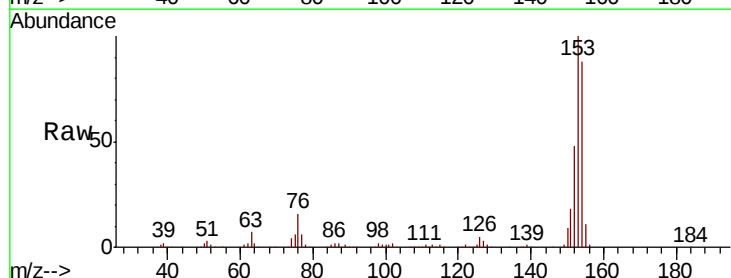
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

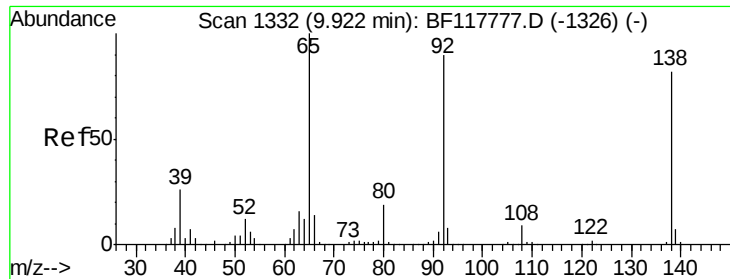
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	46.0	69.0
89	52.9	47.7	71.5



#52
 Acenaphthene
 Concen: 42.801 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.1	135.1
152	54.8	44.0	66.0

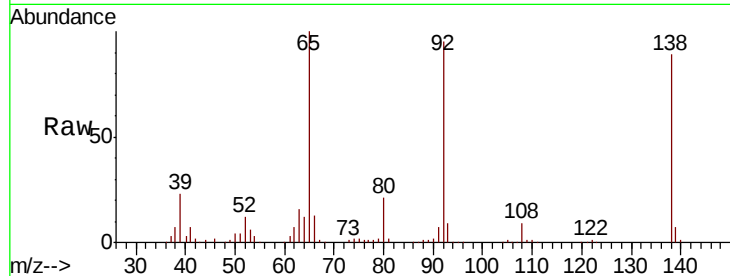




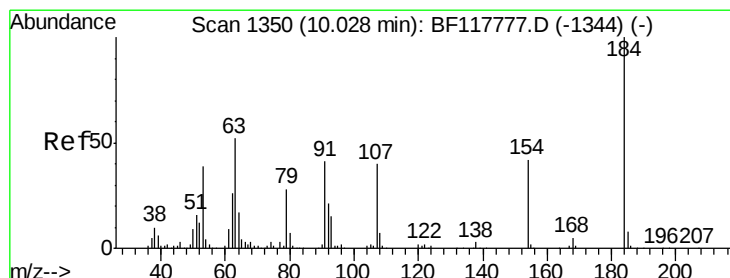
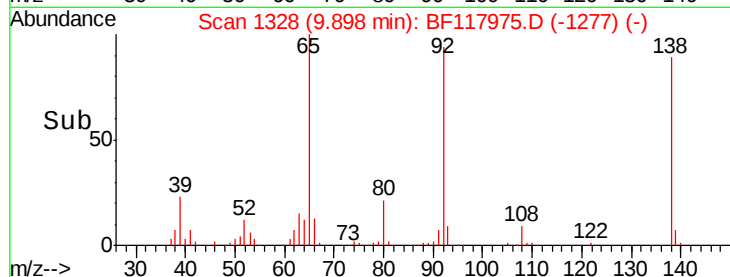
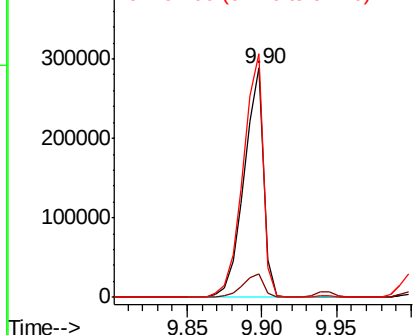
#53
3-Nitroaniline
Concen: 41.294 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 261121
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 106.3 87.9 131.9

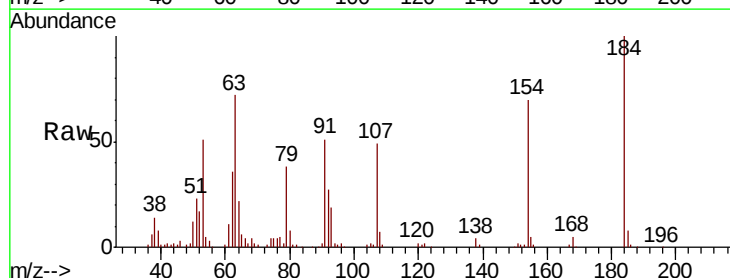


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

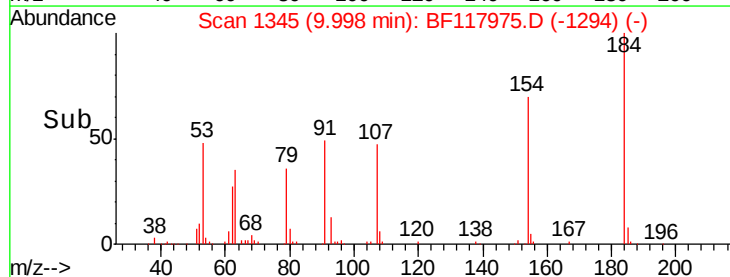
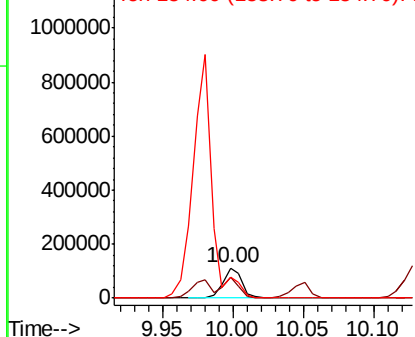


#54
2,4-Dinitrophenol
Concen: 41.834 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:184 Resp: 103304
Ion Ratio Lower Upper
184 100
63 71.7 43.0 64.6#
154 69.8 48.0 72.0



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

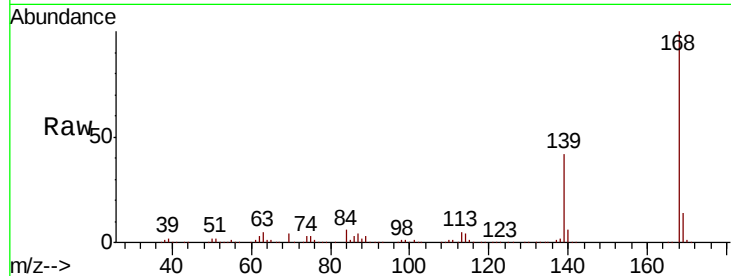




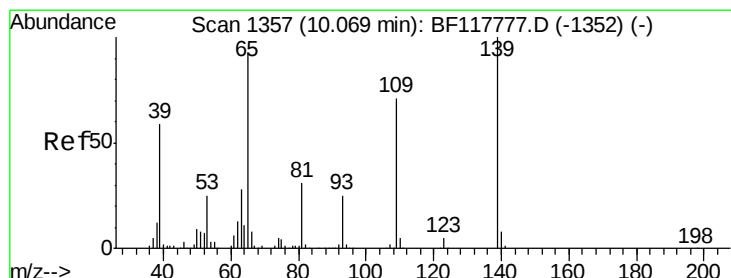
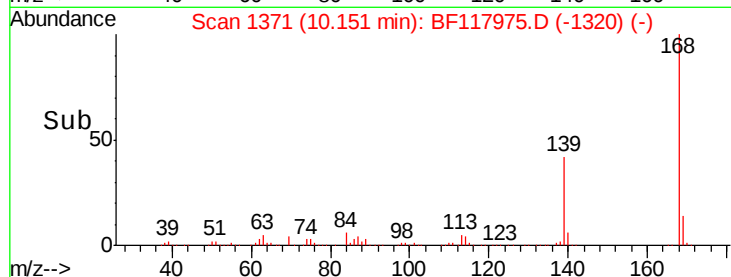
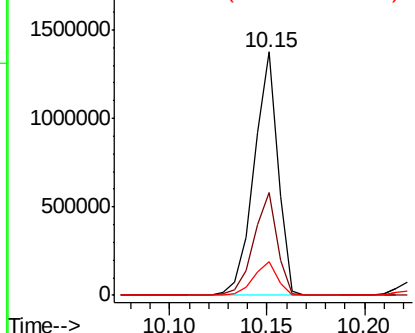
#55
Dibenzenofuran
Concen: 42.899 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1167616
Ion Ratio Lower Upper
168 100
139 42.1 33.0 49.6
169 13.7 11.5 17.3

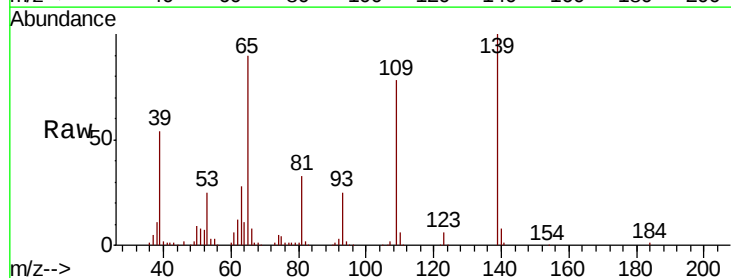


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

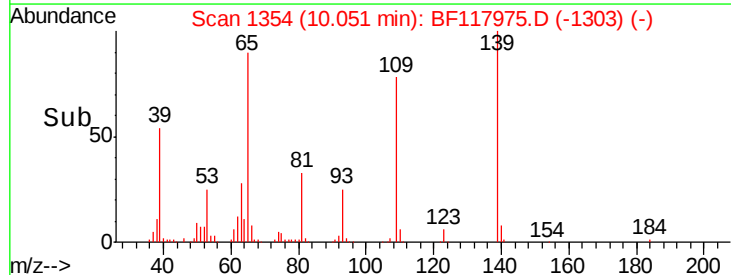
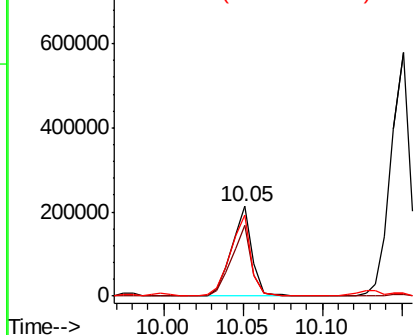


#56
4-Nitrophenol
Concen: 40.695 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:139 Resp: 192082
Ion Ratio Lower Upper
139 100
109 78.5 50.8 90.8
65 89.8 73.6 113.6



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

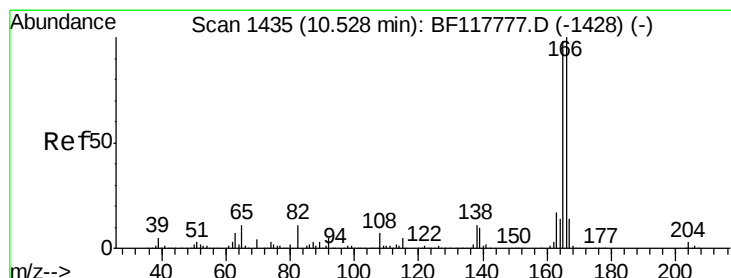
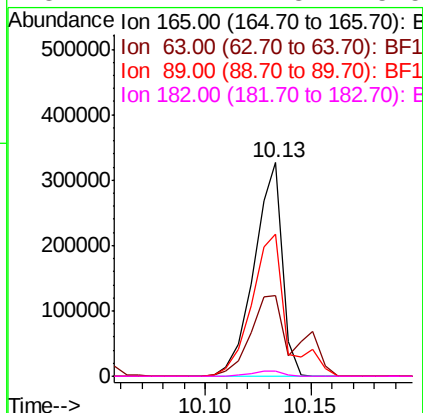
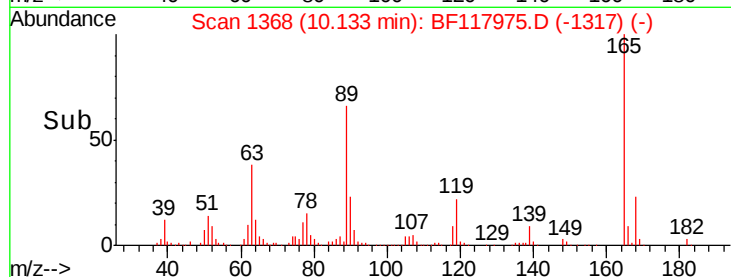
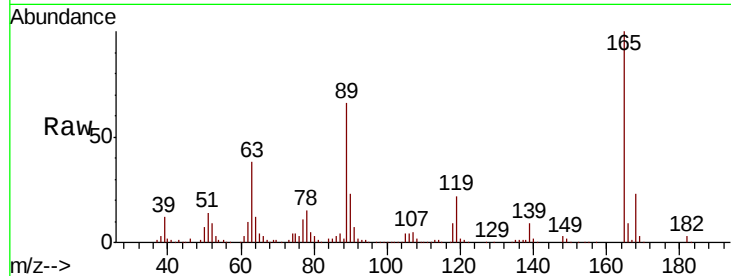




#57
2,4-Dinitrotoluene
Concen: 44.892 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

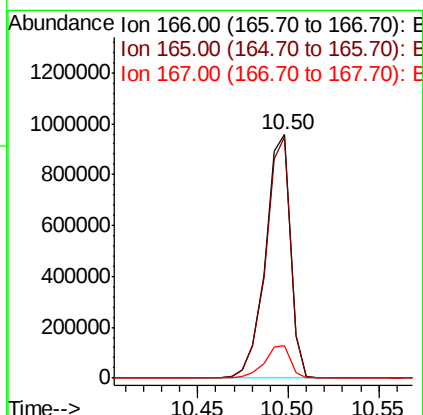
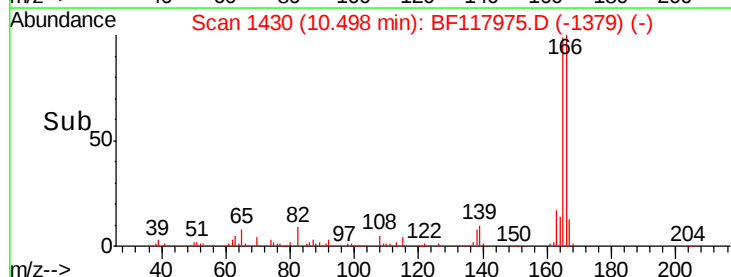
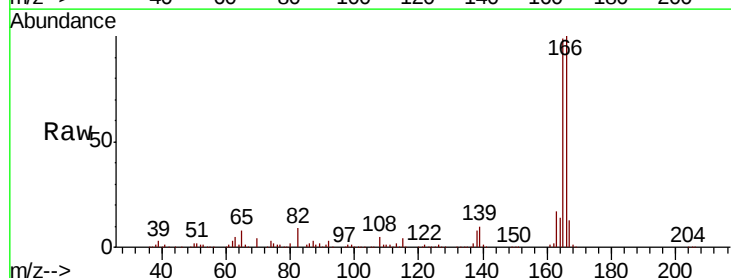
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.7	33.7	50.5
89	66.4	57.3	85.9
182	2.7	2.3	3.5



#58
Fluorene
Concen: 43.310 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.4	117.6
167	13.3	11.0	16.4

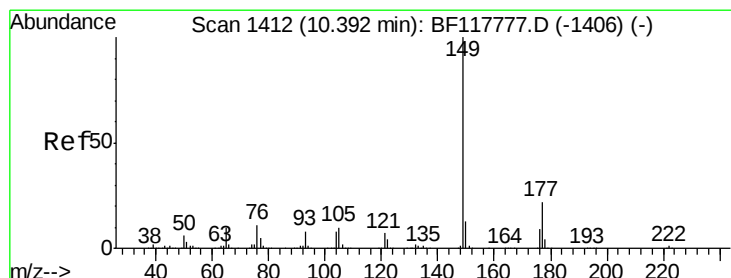
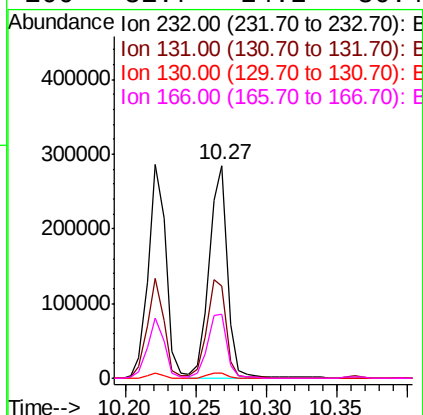
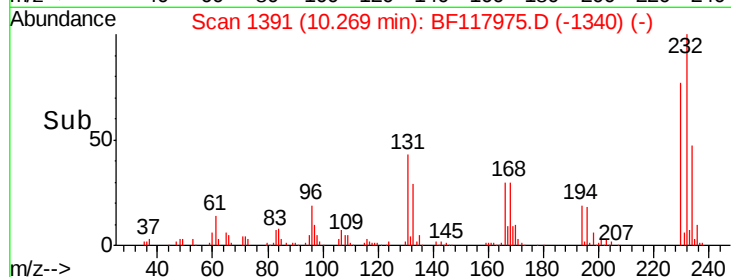
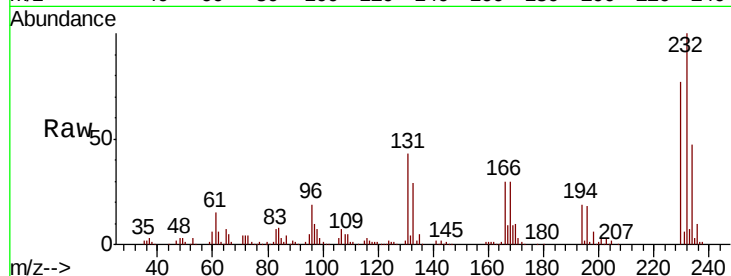




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.606 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

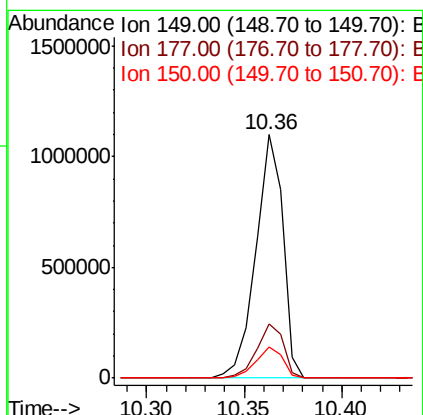
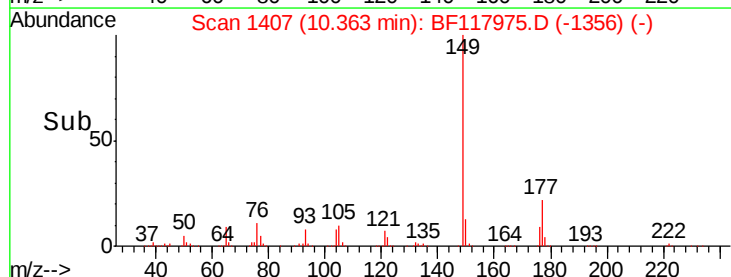
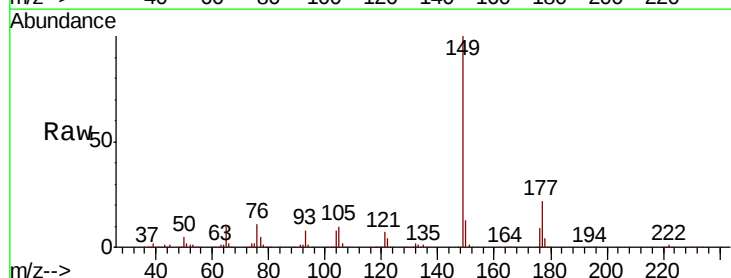
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

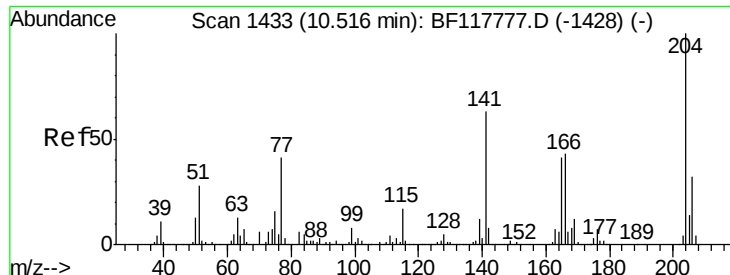
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	37.6	56.4
130	2.6	1.9	2.9
166	31.7	24.2	36.4



#60
Diethylphthalate
Concen: 44.907 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.0	27.0
150	12.7	10.5	15.7

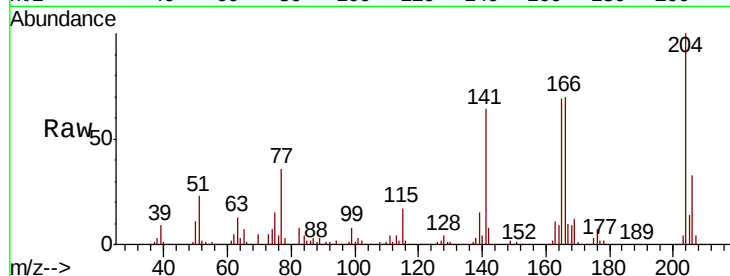




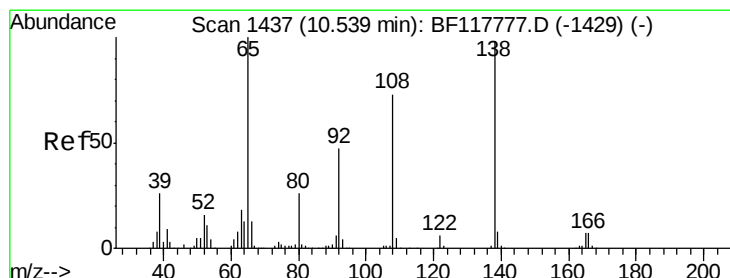
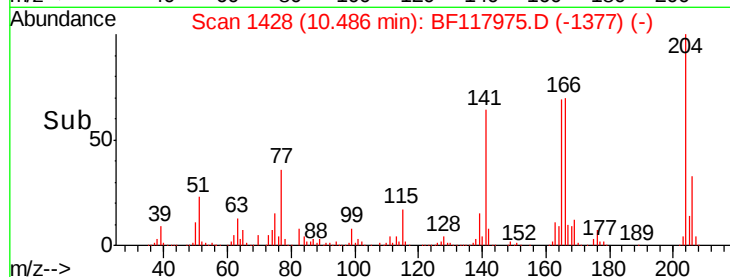
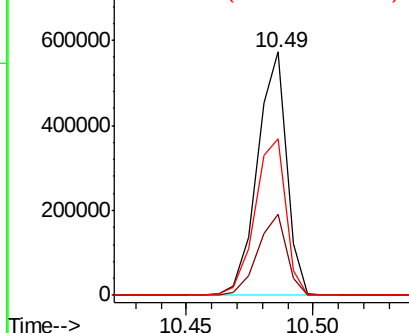
#61
4-Chlorophenyl-phenylether
Concen: 43.296 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 463434
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 64.2 50.7 76.1

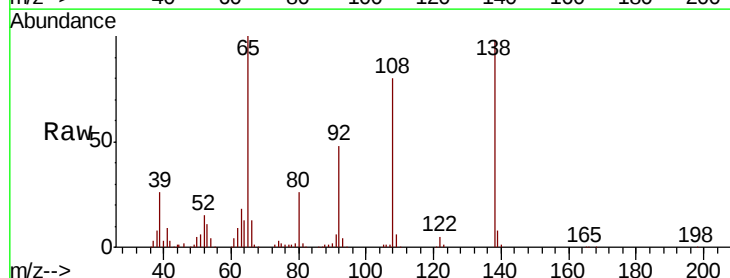


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

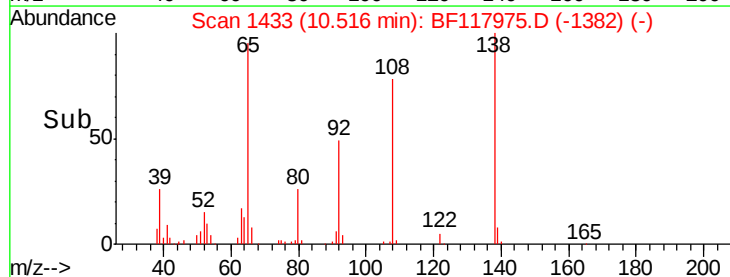
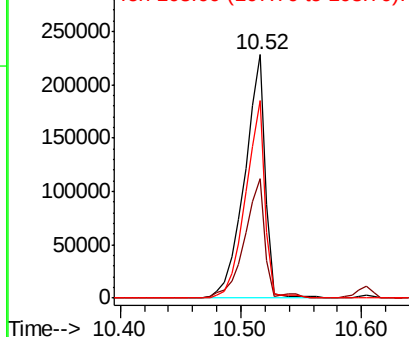


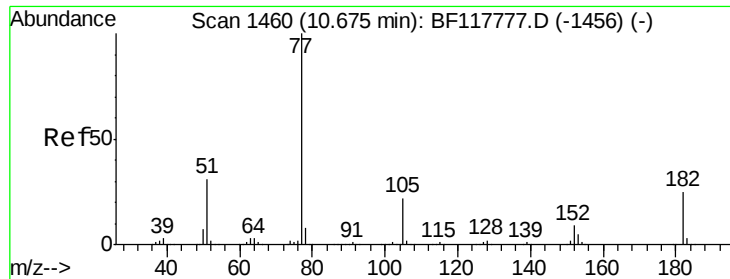
#62
4-Nitroaniline
Concen: 43.050 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:138 Resp: 272567
Ion Ratio Lower Upper
138 100
92 48.8 28.3 68.3
108 81.2 54.3 94.3



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





#63

Azobenzene

Concen: 42.399 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 909319

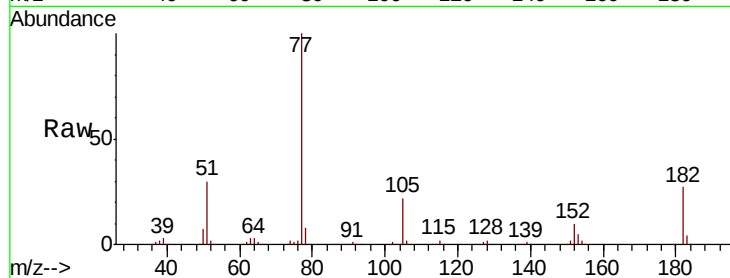
Ion Ratio Lower Upper

77 100

182 26.9 4.8 44.8

105 22.4 2.1 42.1

51 30.0 11.4 51.4

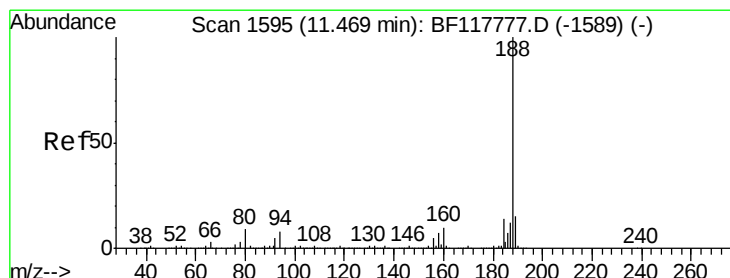
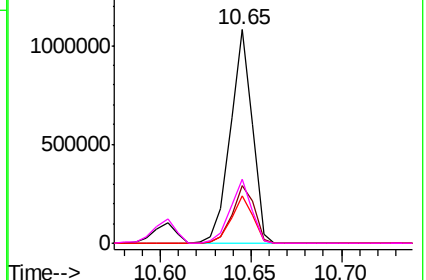
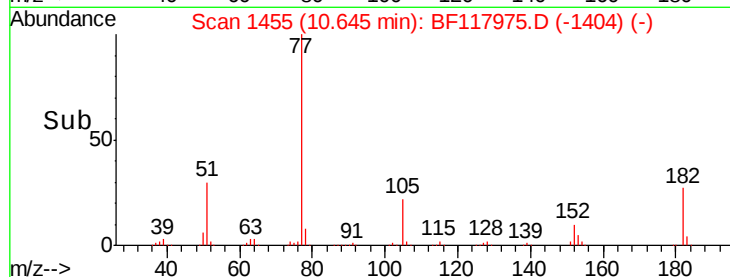


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

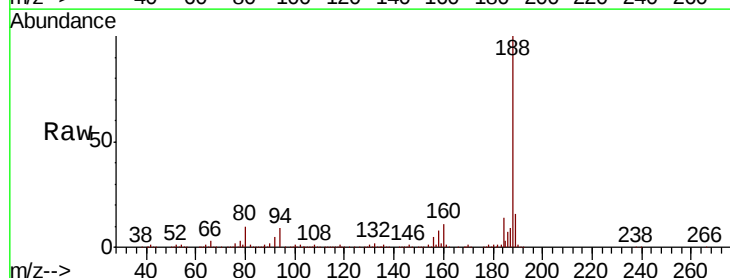
Tgt Ion: 188 Resp: 661281

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

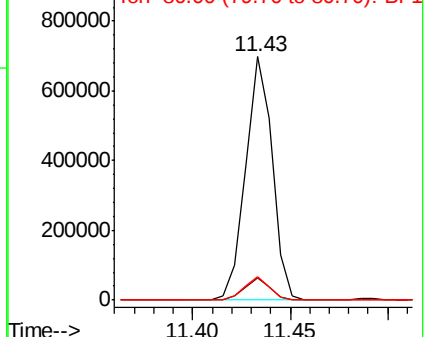
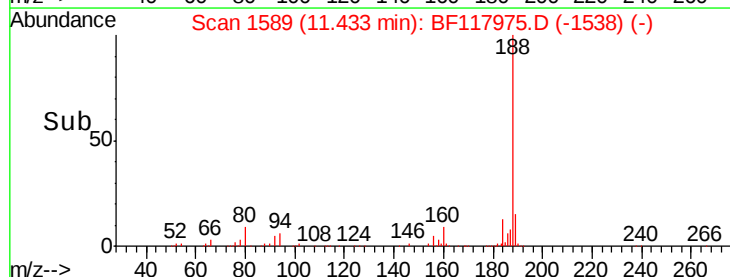
80 9.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

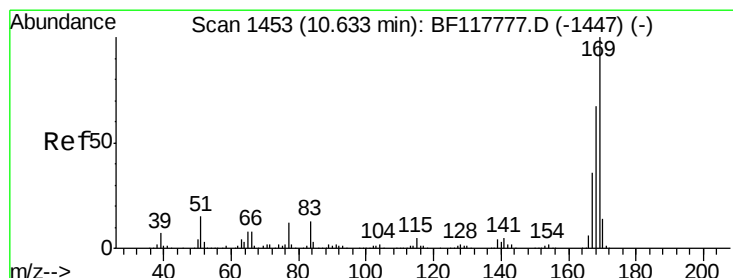
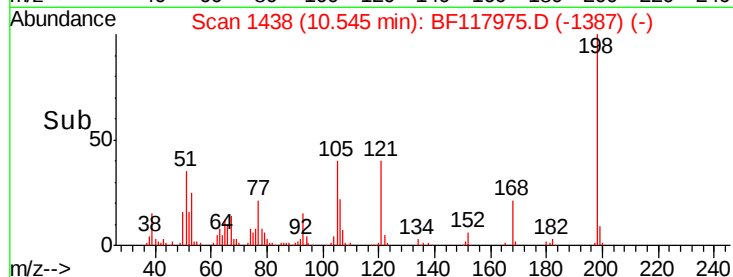
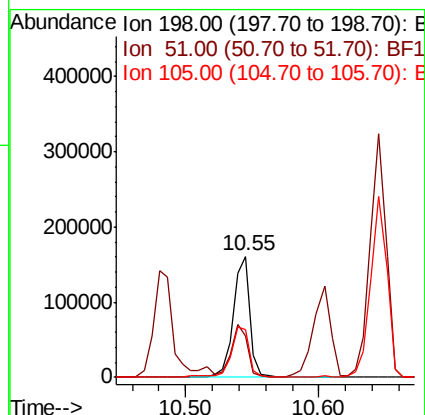
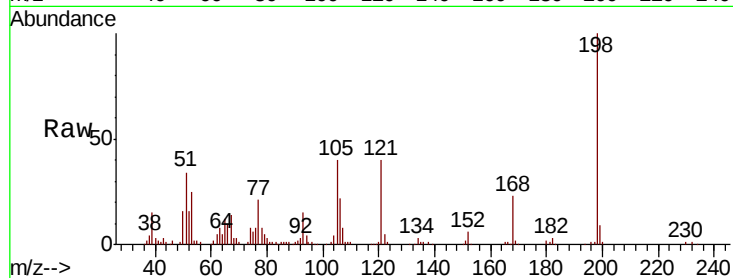




#65
4,6-Dinitro-2-methylphenol
Concen: 45.725 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

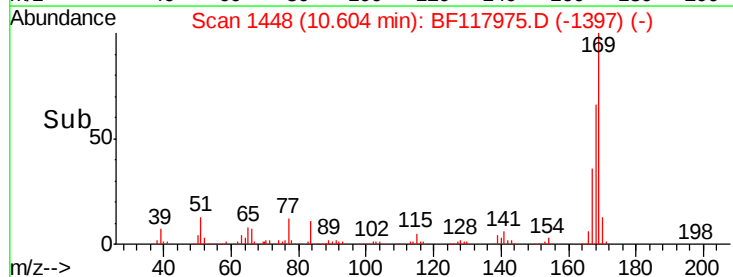
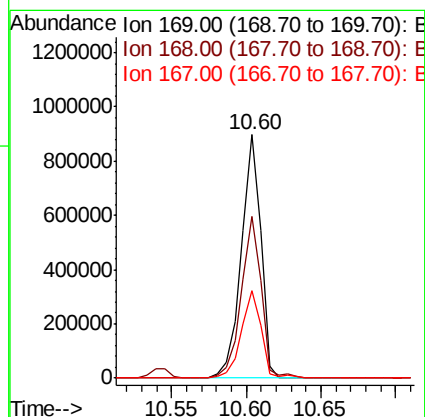
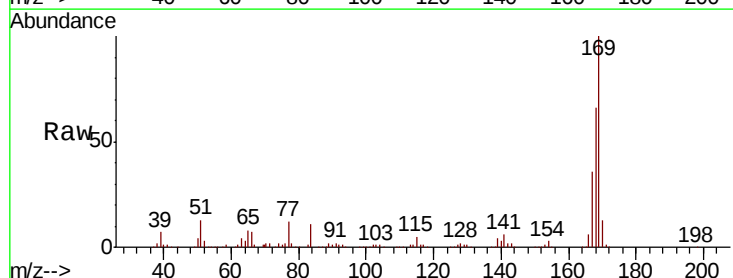
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.5	16.0	56.0
105	39.9	19.1	59.1



#66
n-Nitrosodiphenylamine
Concen: 42.666 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.5	80.3
167	36.1	29.0	43.4

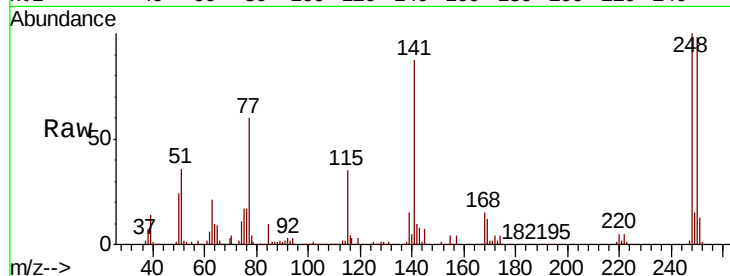




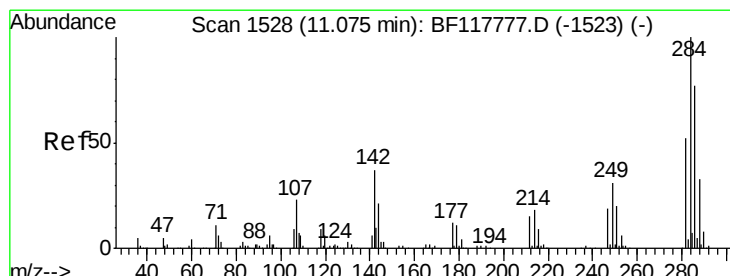
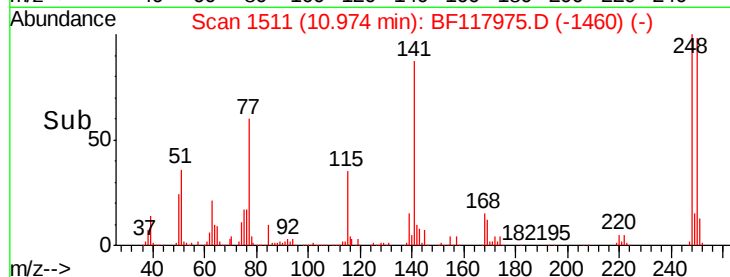
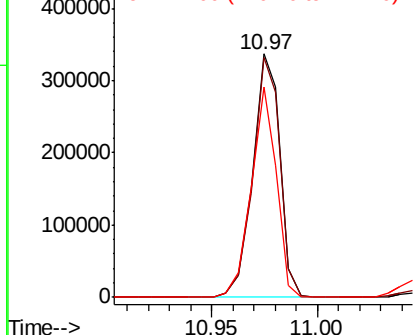
#67
4-Bromophenyl-phenylether
Concen: 42.447 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 302866
Ion Ratio Lower Upper
248 100
250 98.3 76.6 115.0
141 86.6 55.9 83.9#

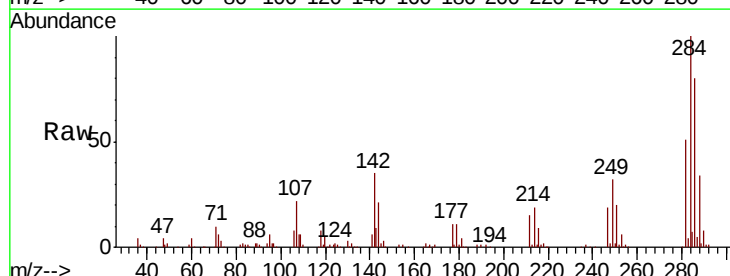


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

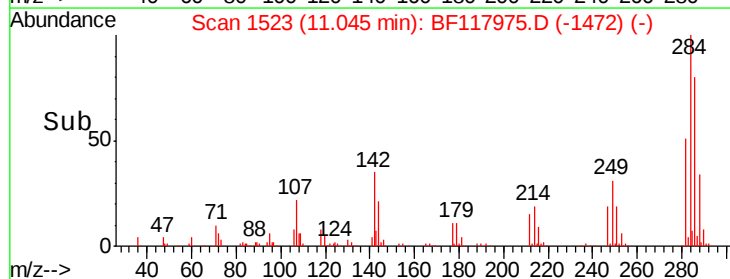
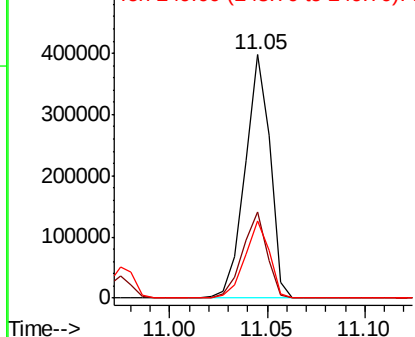


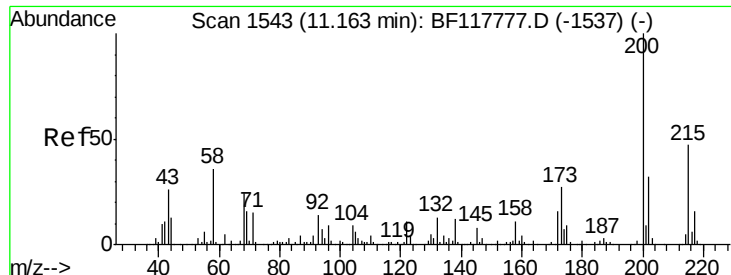
#68
Hexachlorobenzene
Concen: 42.297 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:284 Resp: 351911
Ion Ratio Lower Upper
284 100
142 35.3 29.4 44.2
249 31.5 24.6 37.0



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





#69

Atrazine

Concen: 41.411 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

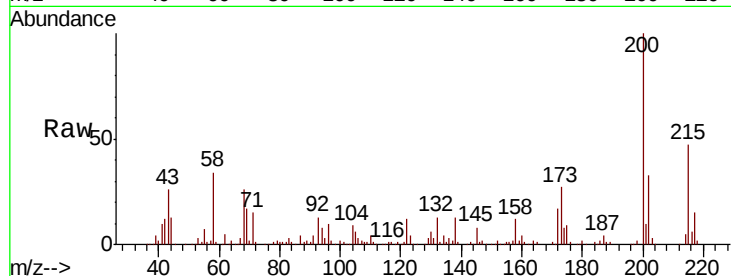
Tot Ion:200 Resp: 262162

Ion Ratio Lower Upper

200 100

173 27.3 6.7 46.7

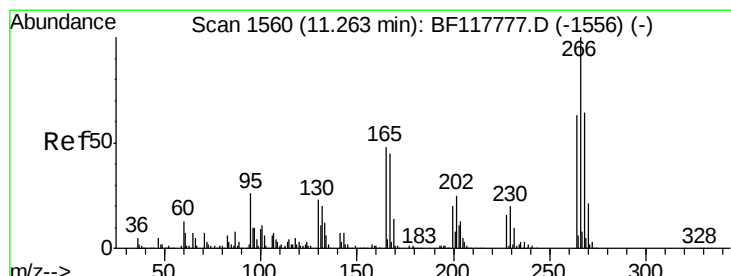
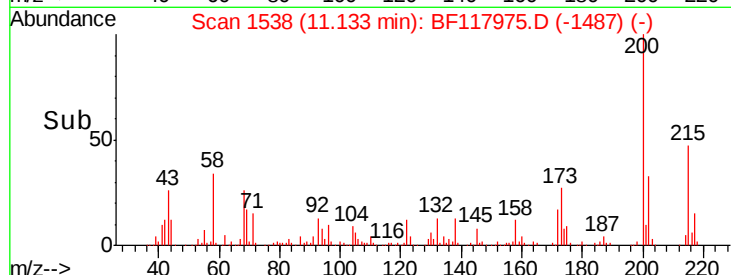
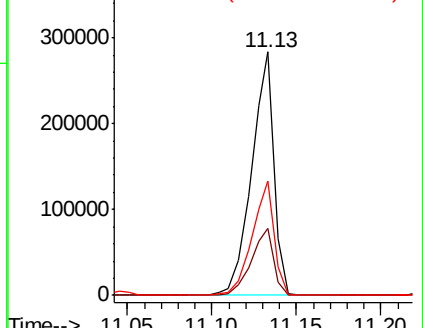
215 47.1 27.5 67.5



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: 40.581 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

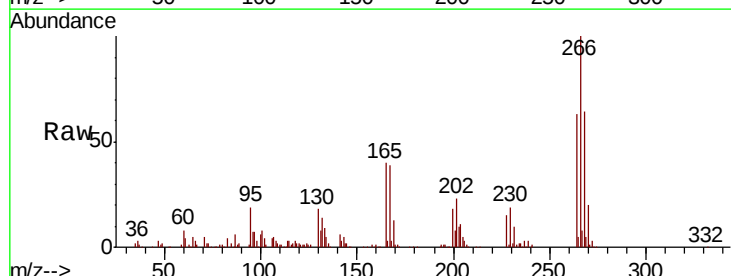
Tgt Ion:266 Resp: 197256

Ion Ratio Lower Upper

266 100

268 63.5 50.8 76.2

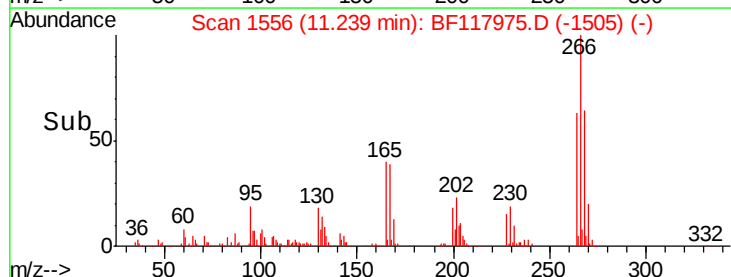
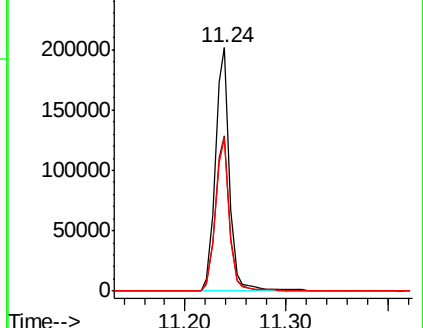
264 62.6 50.7 76.1

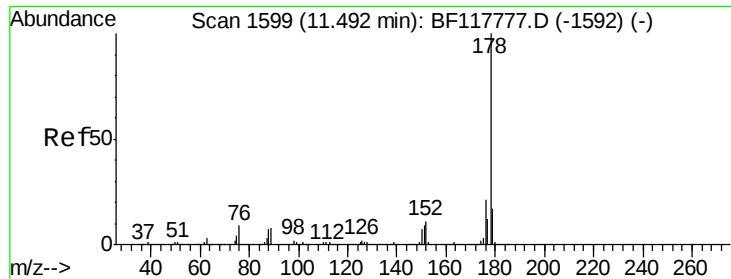


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.775 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

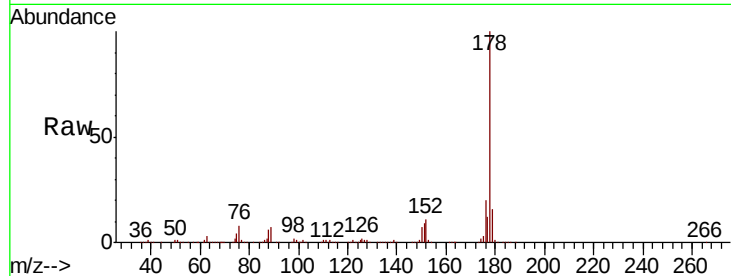
Tot Ion:178 Resp: 1388896

Ion Ratio Lower Upper

178 100

176 20.5 16.6 25.0

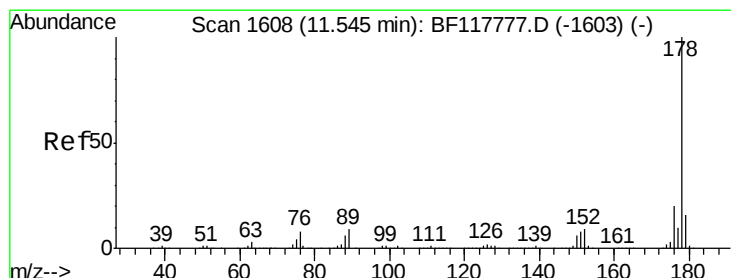
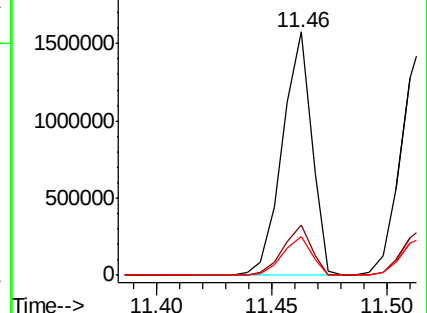
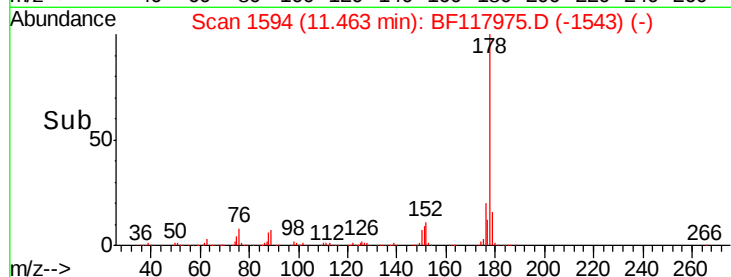
179 16.0 13.2 19.8



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: 42.226 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

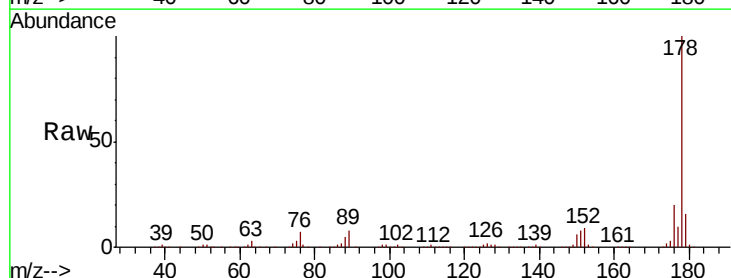
Tgt Ion:178 Resp: 1391920

Ion Ratio Lower Upper

178 100

176 19.6 16.1 24.1

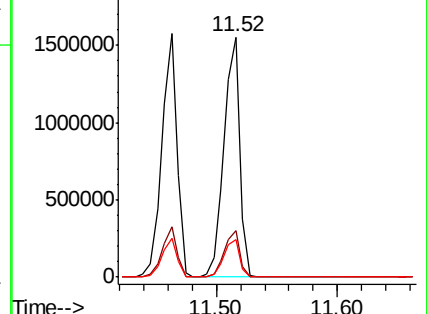
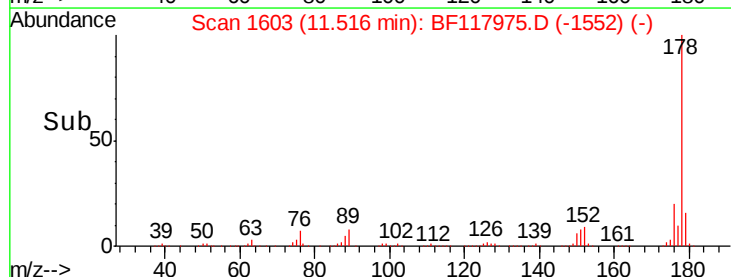
179 15.8 13.0 19.4



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

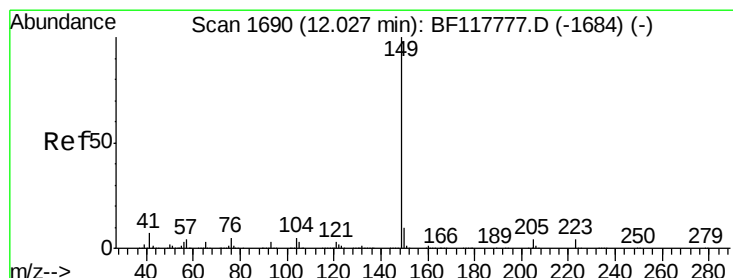
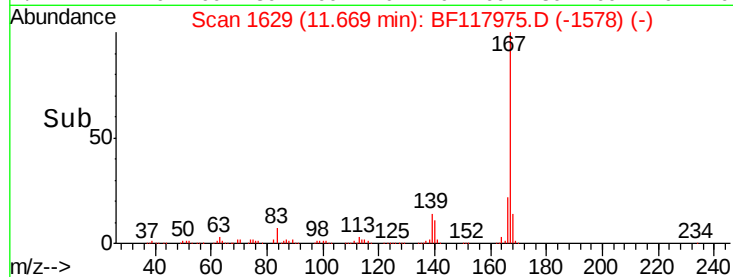
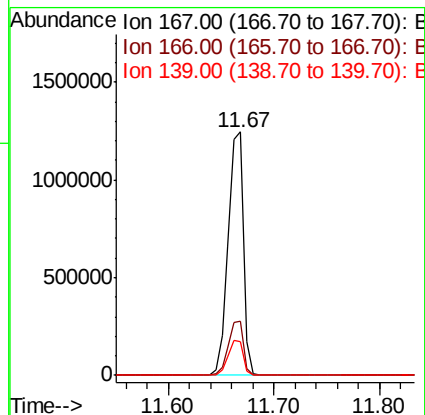
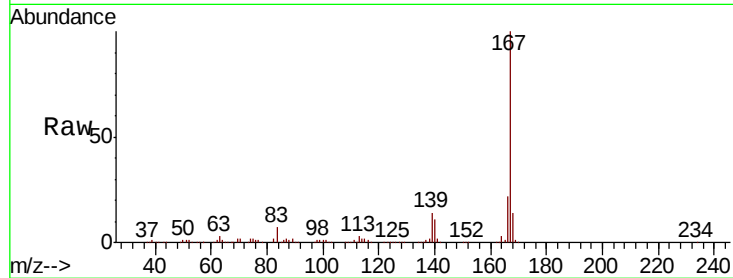




#73
 Carbazole
 Concen: 43.430 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

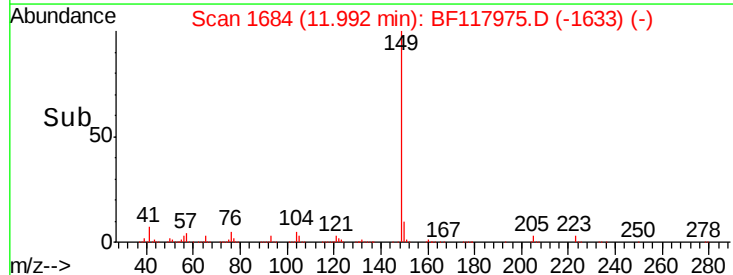
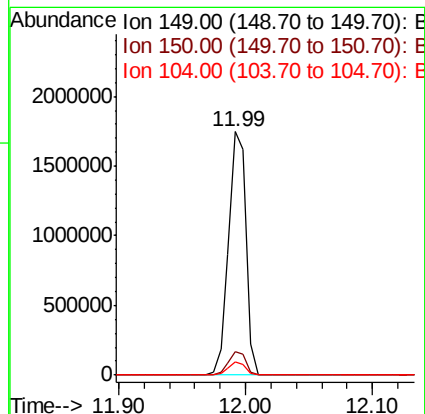
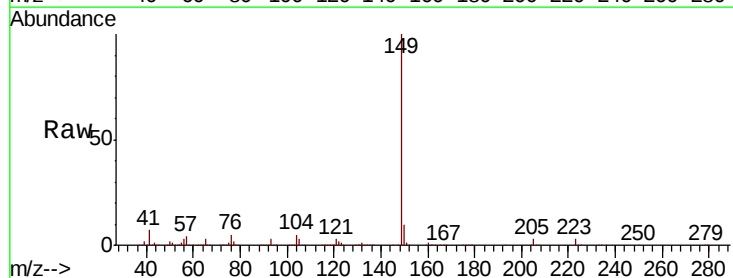
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

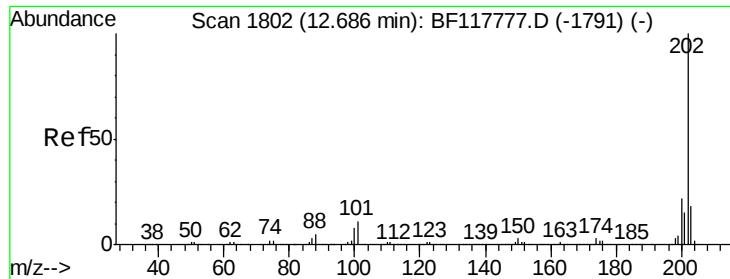
Tot Ion:167 Resp: 1251025
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.0 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 45.997 ng
 RT: 11.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Tgt Ion:149 Resp: 1649699
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 5.4 4.2 6.4

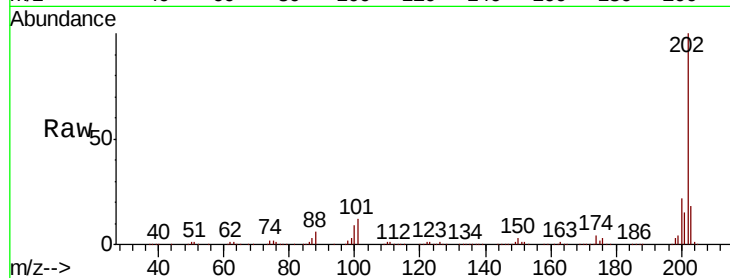




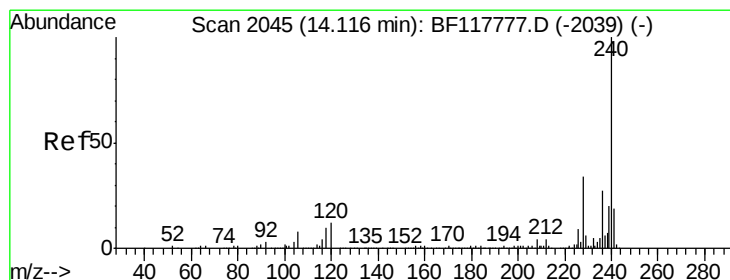
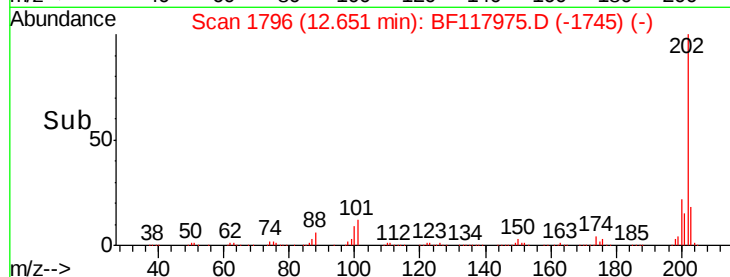
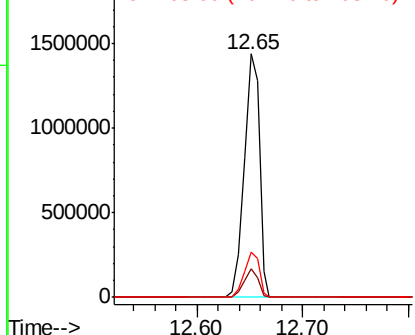
#75
 Fluoranthene
 Concen: 47.215 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1418246
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.1
 203 18.4 0.0 38.2

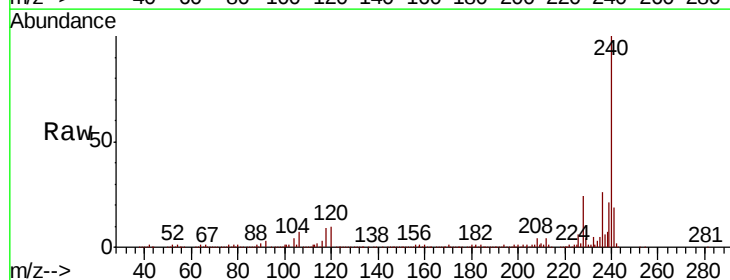


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

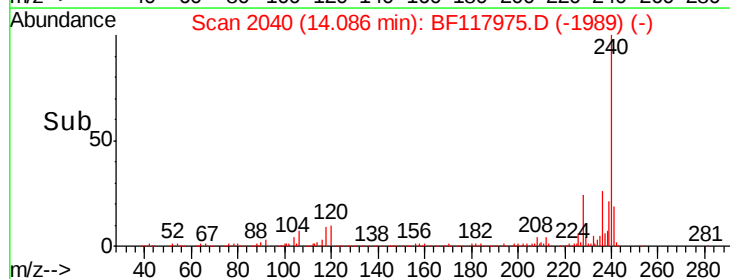
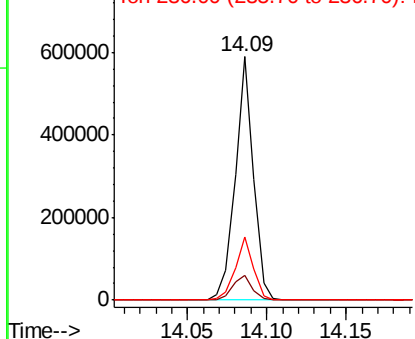


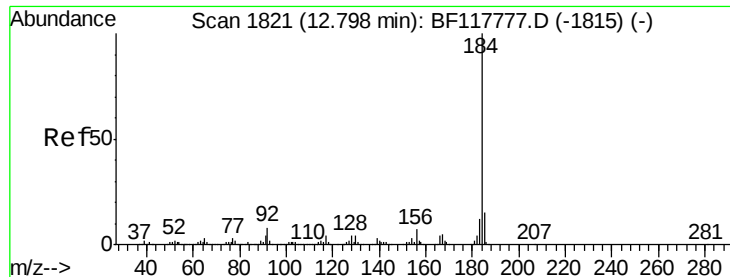
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF117975.D
 Acq: 25 Nov 2019 19:05

Tgt Ion:240 Resp: 467616
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 26.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

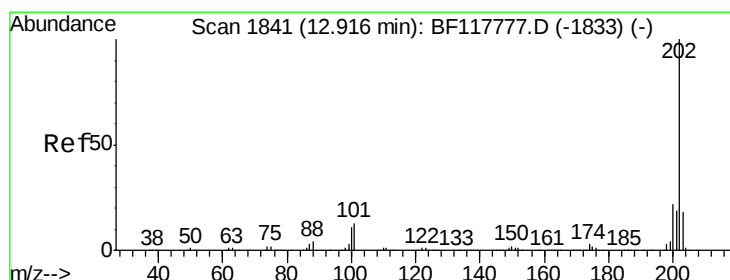
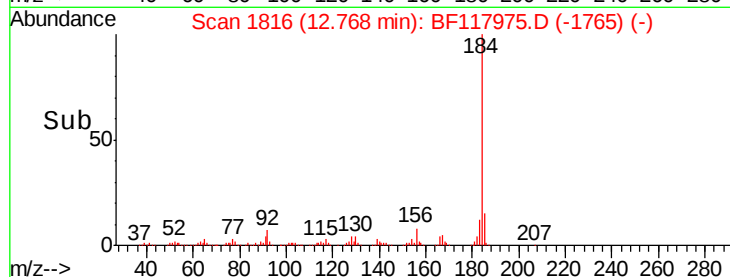
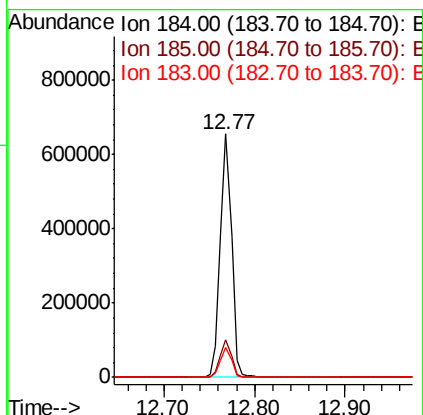
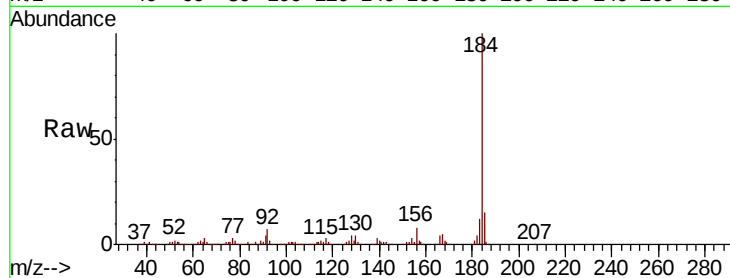




#77
Benzidine
Concen: 36.548 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

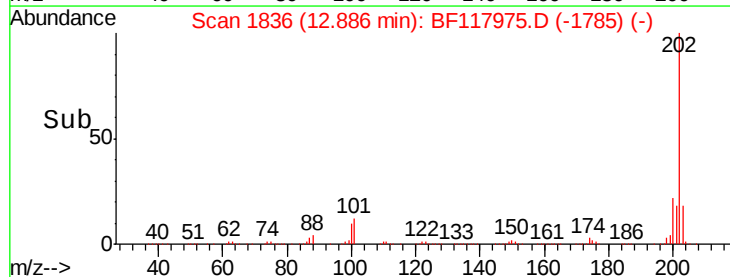
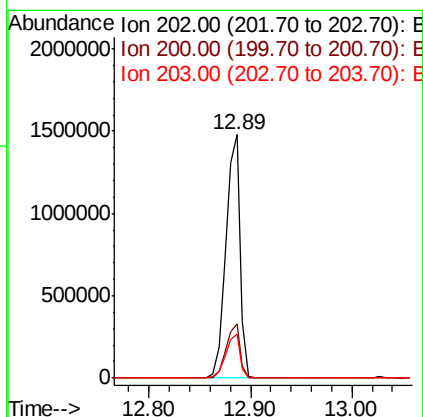
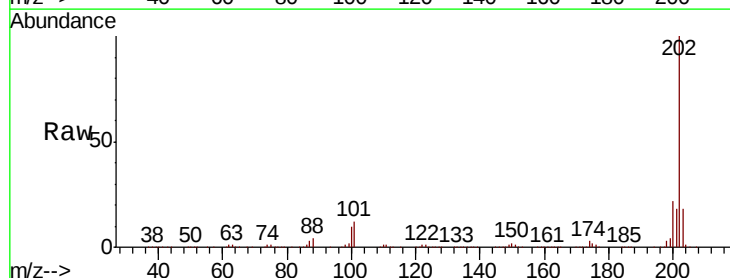
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

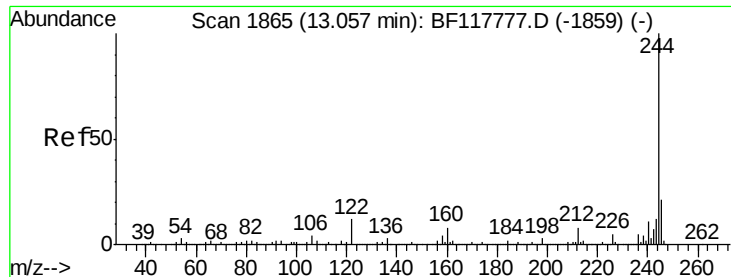
Tot Ion:184 Resp: 559812
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 12.2 9.5 14.3



#78
Pyrene
Concen: 37.625 ng
RT: 12.89 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:202 Resp: 1421858
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.8
203 18.1 14.6 22.0





#79

Terphenyl-d14

Concen: 80.504 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

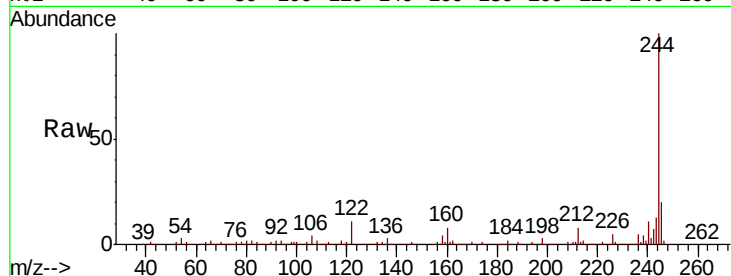
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2059791

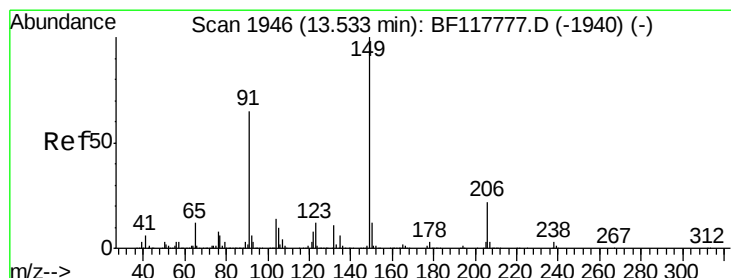
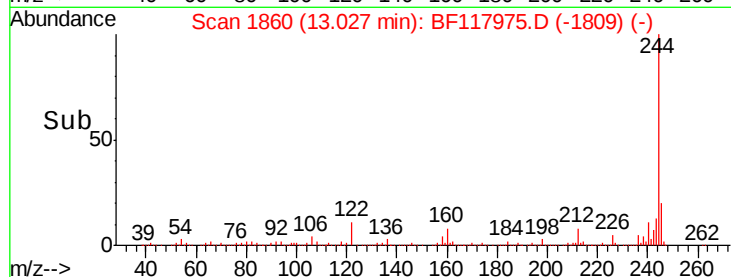
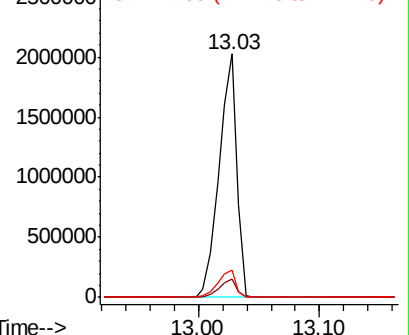
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.2	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.663 ng

RT: 13.50 min Scan# 1940

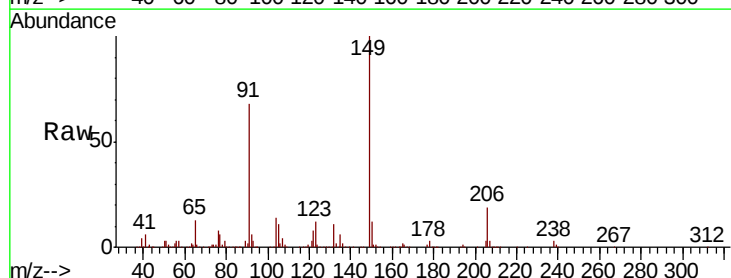
Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Tgt Ion:149 Resp: 692465

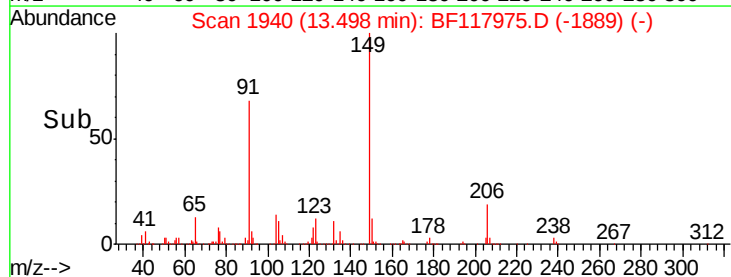
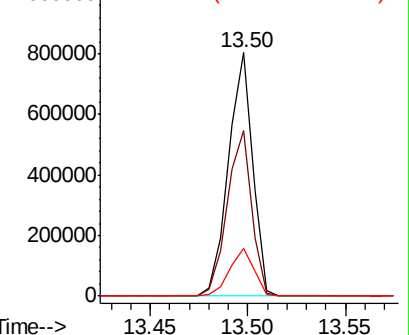
Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.9	77.9
206	19.5	17.2	25.8

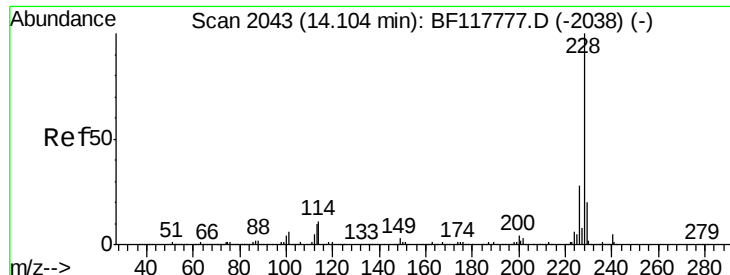


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

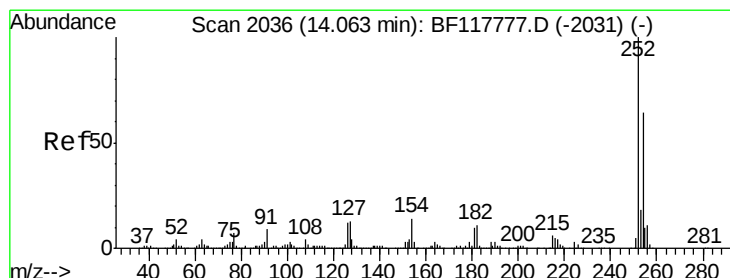
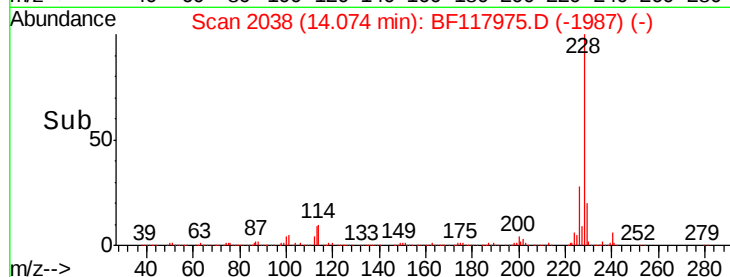
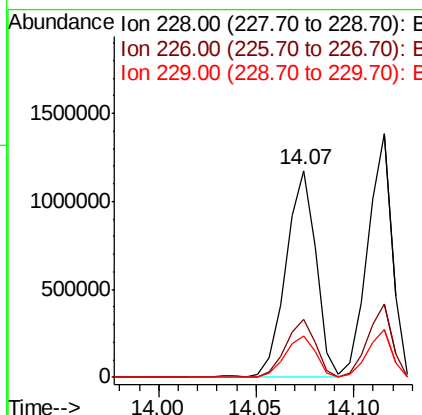
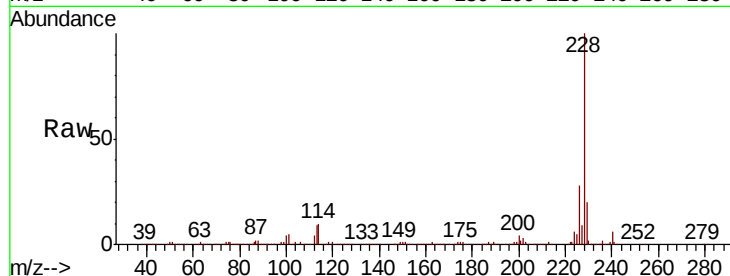




#81
Benzo(a)anthracene
Concen: 40.310 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

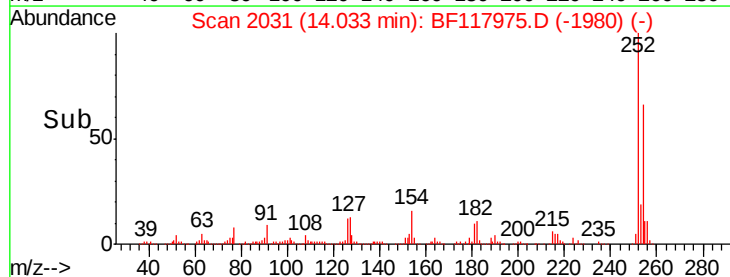
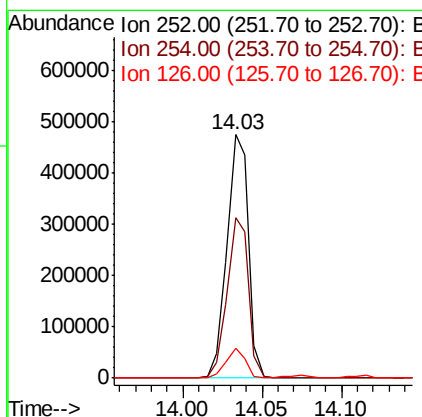
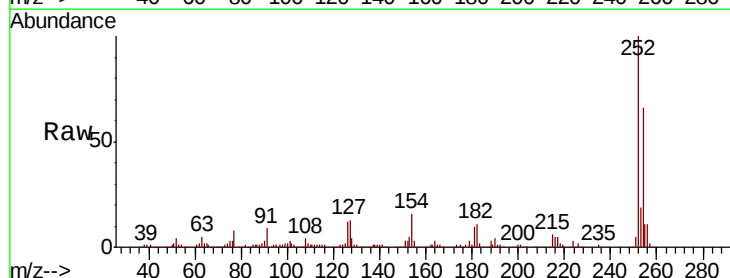
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

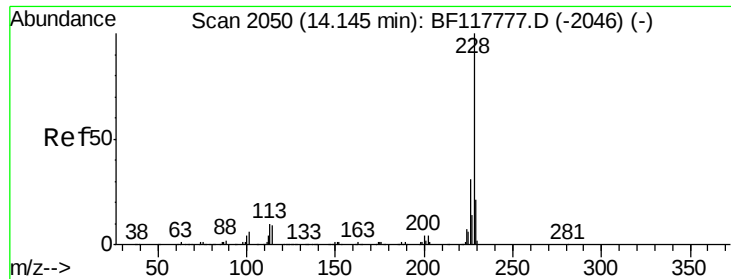
Tot Ion:228 Resp: 1245608
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 41.221 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:252 Resp: 445551
Ion Ratio Lower Upper
252 100
254 65.9 51.0 76.6
126 12.1 9.7 14.5





#83

Chrysene

Concen: 39.889 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

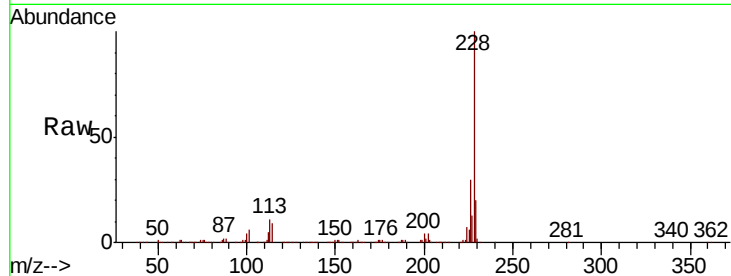
Tot Ion:228 Resp: 1194392

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

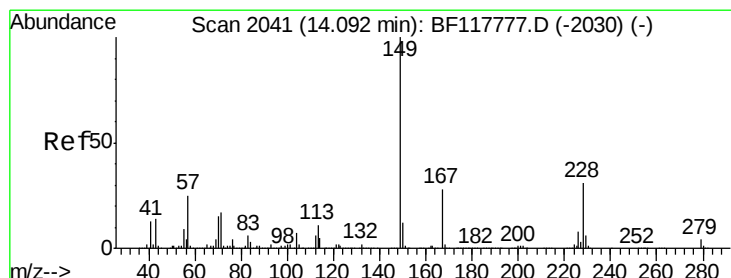
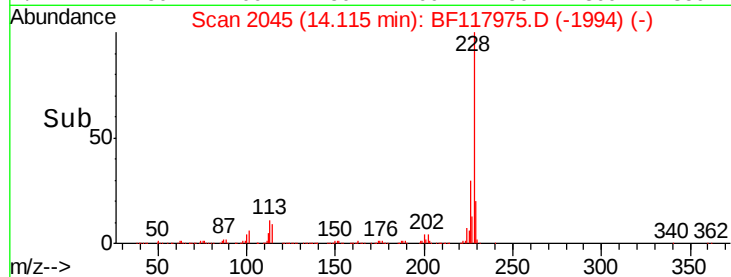
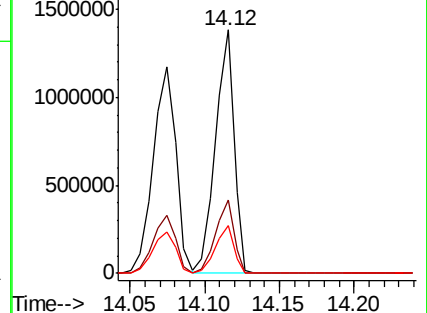
229 19.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.003 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

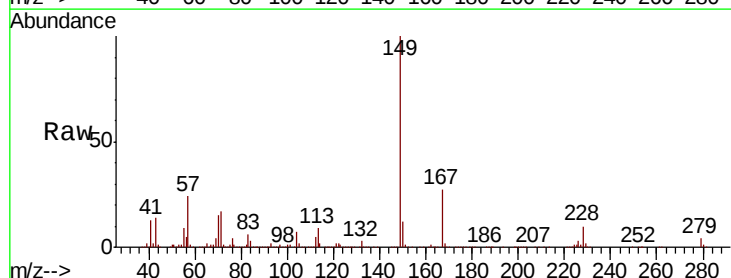
Tgt Ion:149 Resp: 944596

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

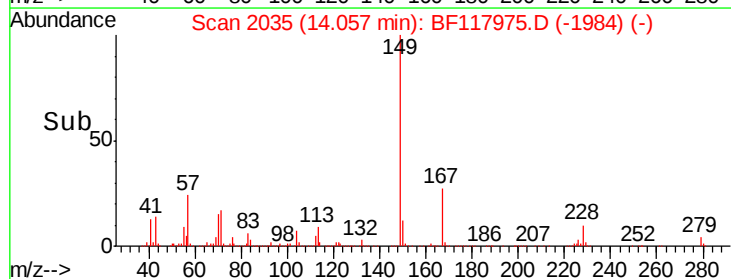
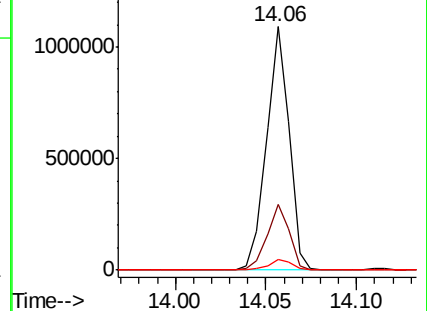
279 4.2 3.4 5.2

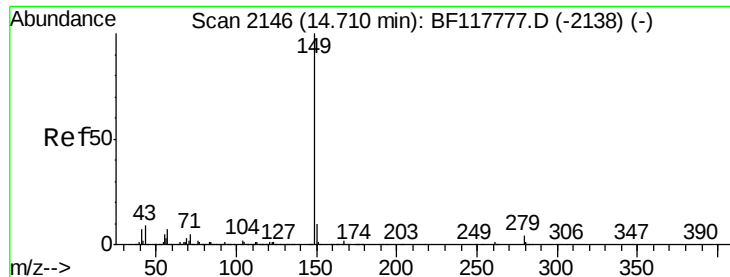


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.527 ng

RT: 14.67 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

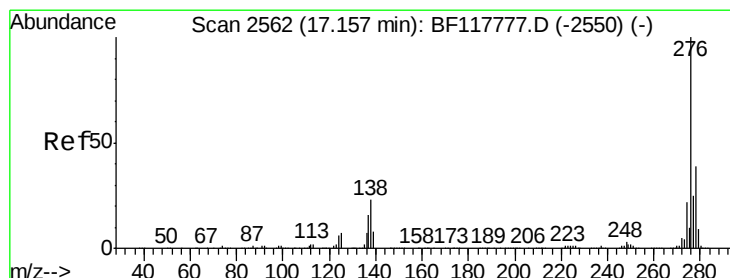
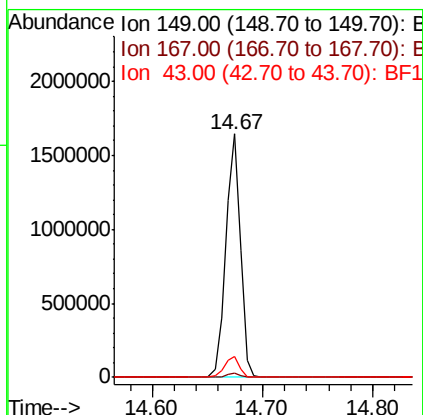
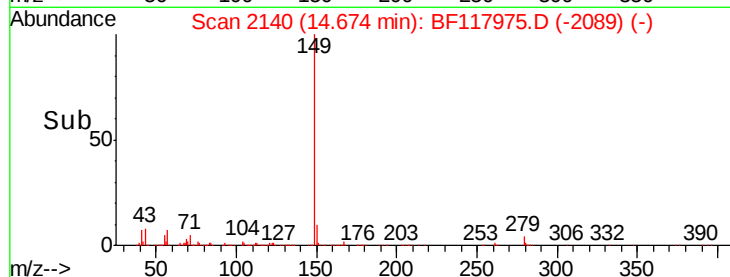
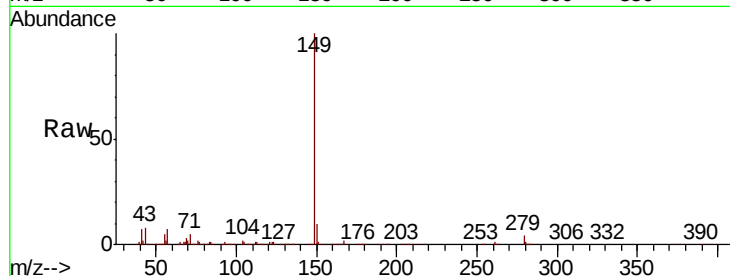
Tot Ion:149 Resp: 1518472

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.6 7.4 11.2



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.241 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

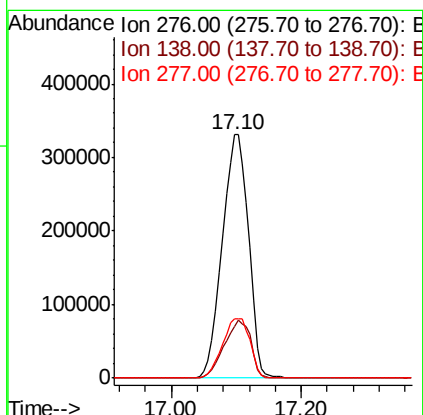
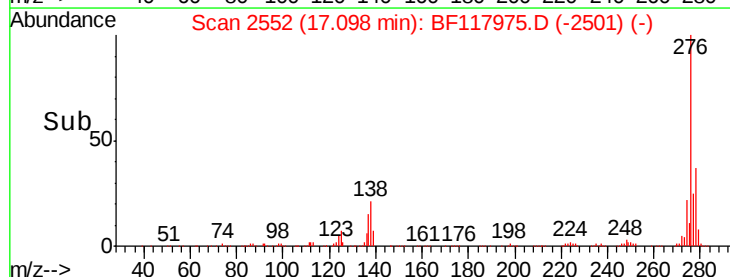
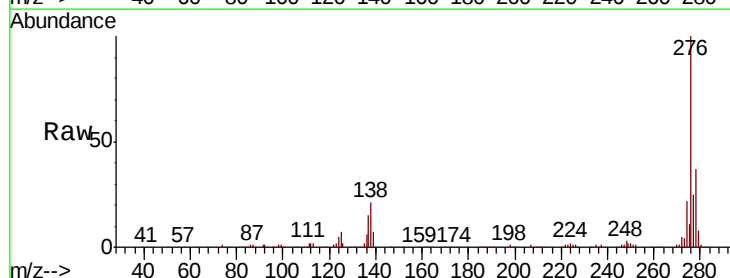
Tgt Ion:276 Resp: 923577

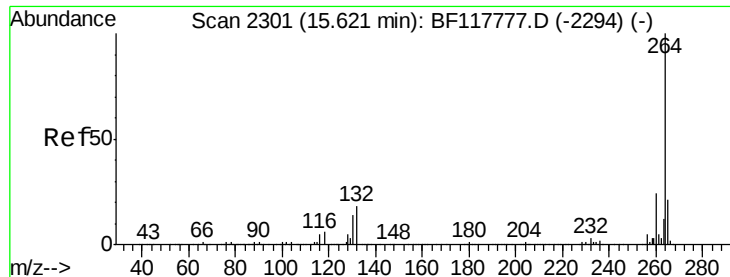
Ion Ratio Lower Upper

276 100

138 24.2 20.9 31.3

277 25.8 20.3 30.5



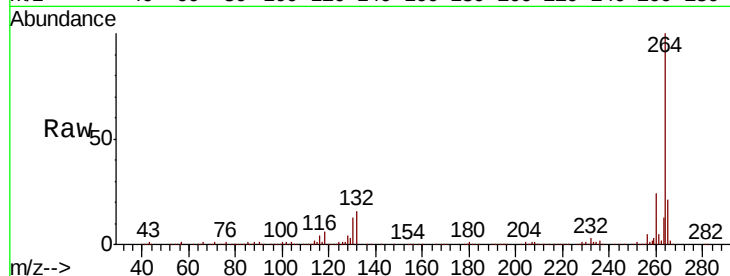


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

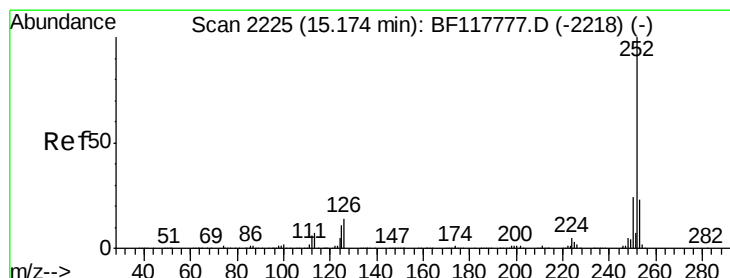
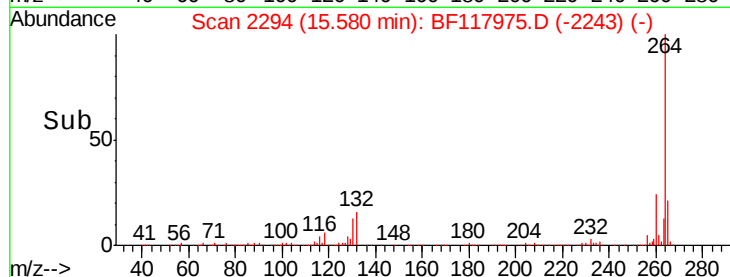
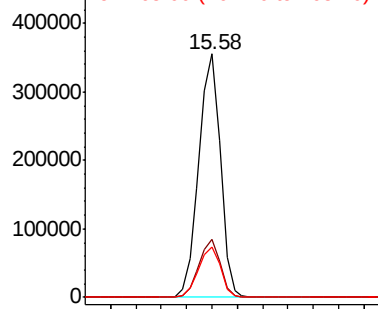
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 421289

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	20.9	17.1	25.7



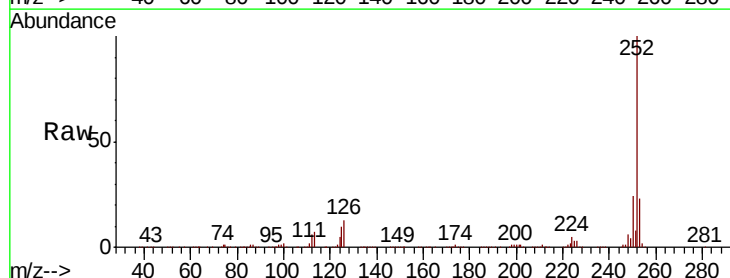
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



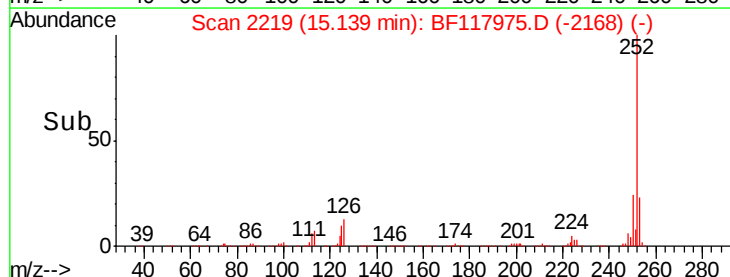
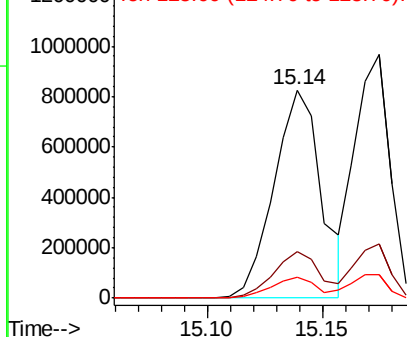
#88
Benzo(b)fluoranthene
Concen: 42.926 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

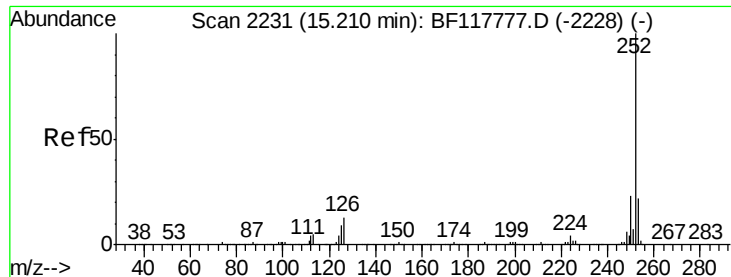
Tgt Ion:252 Resp: 1174937

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.2	8.6	13.0



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

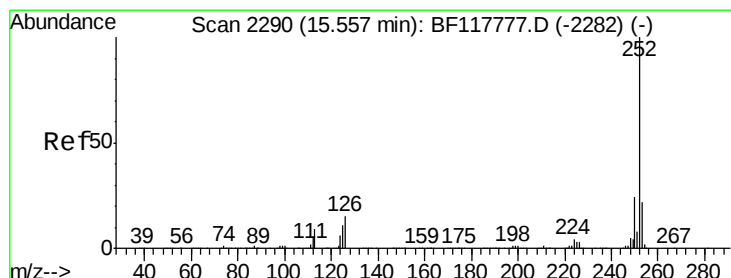
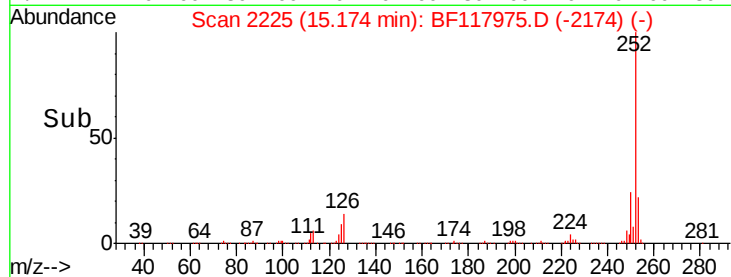
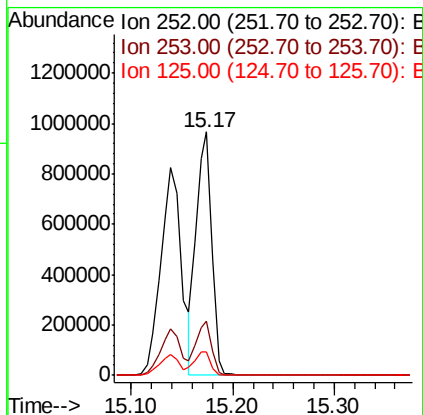
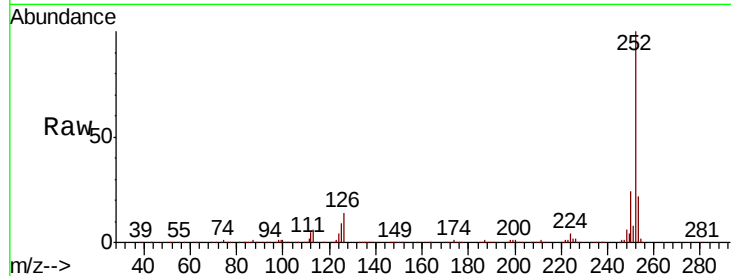




#89
Benzo(k)fluoranthene
Concen: 39.556 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

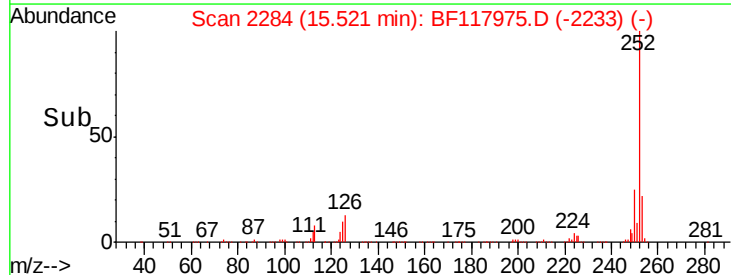
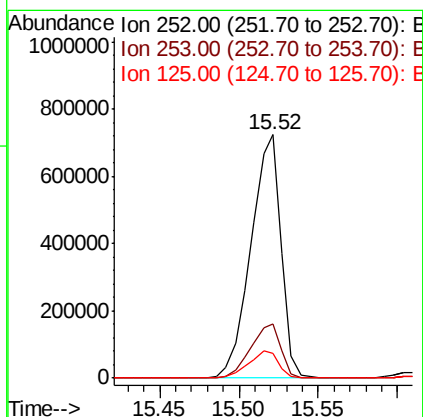
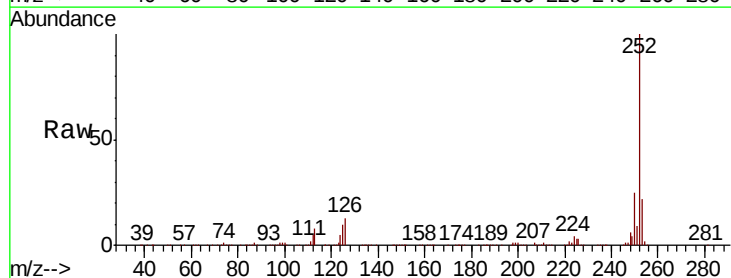
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

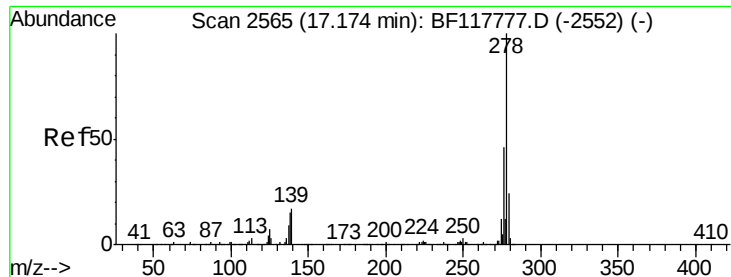
Tot Ion:252 Resp: 1020140
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.5 7.9 11.9



#90
Benzo(a)pyrene
Concen: 39.860 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF117975.D
Acq: 25 Nov 2019 19:05

Tgt Ion:252 Resp: 959383
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 37.204 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

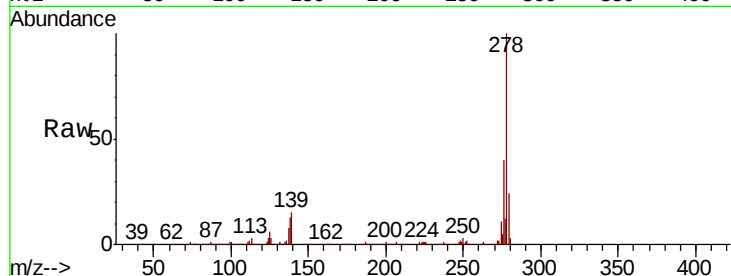
Tot Ion:278 Resp: 770730

Ion Ratio Lower Upper

278 100

139 15.2 13.8 20.8

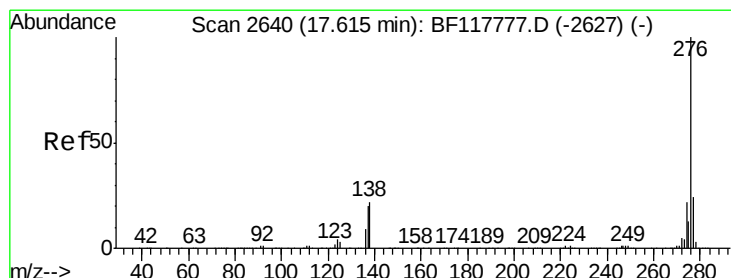
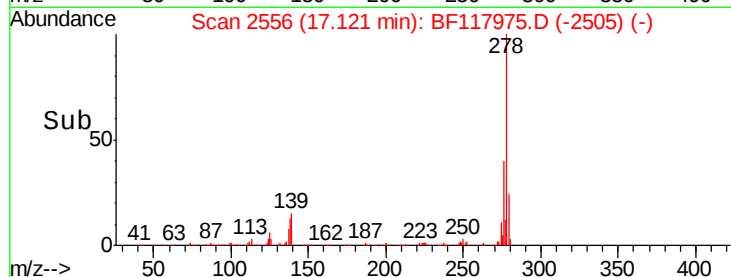
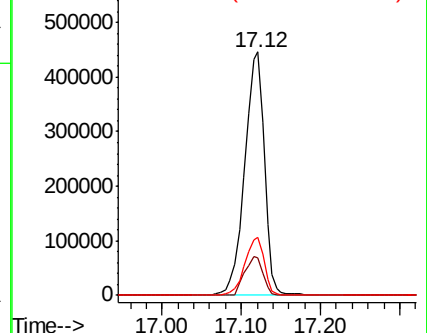
279 24.0 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.056 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.00 min

Lab File: BF117975.D

Acq: 25 Nov 2019 19:05

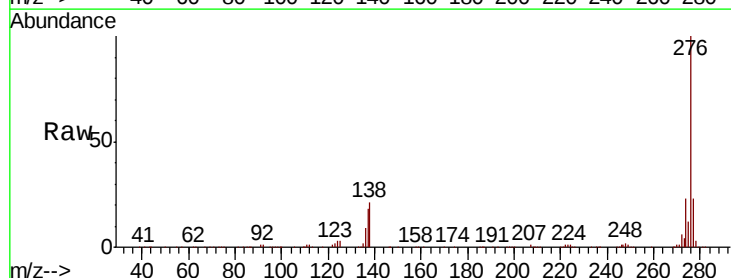
Tgt Ion:276 Resp: 702716

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 21.5 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

