

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118751.D
 Acq On : 30 Jan 2020 15:09
 Operator : CG/JU
 Sample : PB126458BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:07:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	314757	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1185789	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	689453	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1315171	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	1017879	20.00	ng	-0.01
87) Perylene-d12	15.46	264	1040960	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1751380	103.34	ng	0.00
7) Phenol-d6	6.47	99	2217849	100.69	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1277609	60.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	868440	108.90	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2669086	63.63	ng	-0.02
79) Terphenyl-d14	12.95	244	3312049	70.97	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	285862	34.825	ng	99
3) Pyridine	3.45	79	705124	30.478	ng	98
4) n-Nitrosodimethylamine	3.39	42	297027	29.946	ng	97
6) Aniline	6.50	93	830701	28.640	ng	100
8) 2-Chlorophenol	6.63	128	760700	39.990	ng	99
9) Benzaldehyde	6.39	77	387078	28.895	ng	97
10) Phenol	6.49	94	912120	36.335	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	699594	37.563	ng	100
12) 1,3-Dichlorobenzene	6.79	146	840289	37.741	ng	99
13) 1,4-Dichlorobenzene	6.86	146	859383	38.451	ng	99
14) 1,2-Dichlorobenzene	7.02	146	796729	37.921	ng	98
15) Benzyl Alcohol	6.98	79	658707	37.709	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	836655	32.251	ng	100
17) 2-Methylphenol	7.09	107	629623	39.736	ng	98
18) Hexachloroethane	7.36	117	304220	37.538	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	509705	34.270	ng	99
20) 3+4-Methylphenols	7.25	107	746790	38.603	ng	98
22) Acetophenone	7.25	105	984515	35.048	ng	# 97
24) Nitrobenzene	7.42	77	773489	35.633	ng	99
25) Isophorone	7.66	82	1442974	37.318	ng	99
26) 2-Nitrophenol	7.74	139	424839	45.895	ng	99
27) 2,4-Dimethylphenol	7.78	122	676430	42.317	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	894418	35.899	ng	99
29) 2,4-Dichlorophenol	7.98	162	695830	39.378	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	759262	37.058	ng	99
31) Naphthalene	8.15	128	2172169	40.551	ng	99
32) Benzoic acid	7.90	122	473891	39.502	ng	97
33) 4-Chloroaniline	8.19	127	505127	20.402	ng	98
34) Hexachlorobutadiene	8.27	225	449180	36.000	ng	98
35) Caprolactam	8.56	113	115928	20.047	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	700752	40.159	ng	99
37) 2-Methylnaphthalene	8.84	142	1548381	40.952	ng	99
38) 1-Methylnaphthalene	8.94	142	1456923	40.559	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	746338	34.597	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118751.D
 Acq On : 30 Jan 2020 15:09
 Operator : CG/JU
 Sample : PB126458BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:07:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

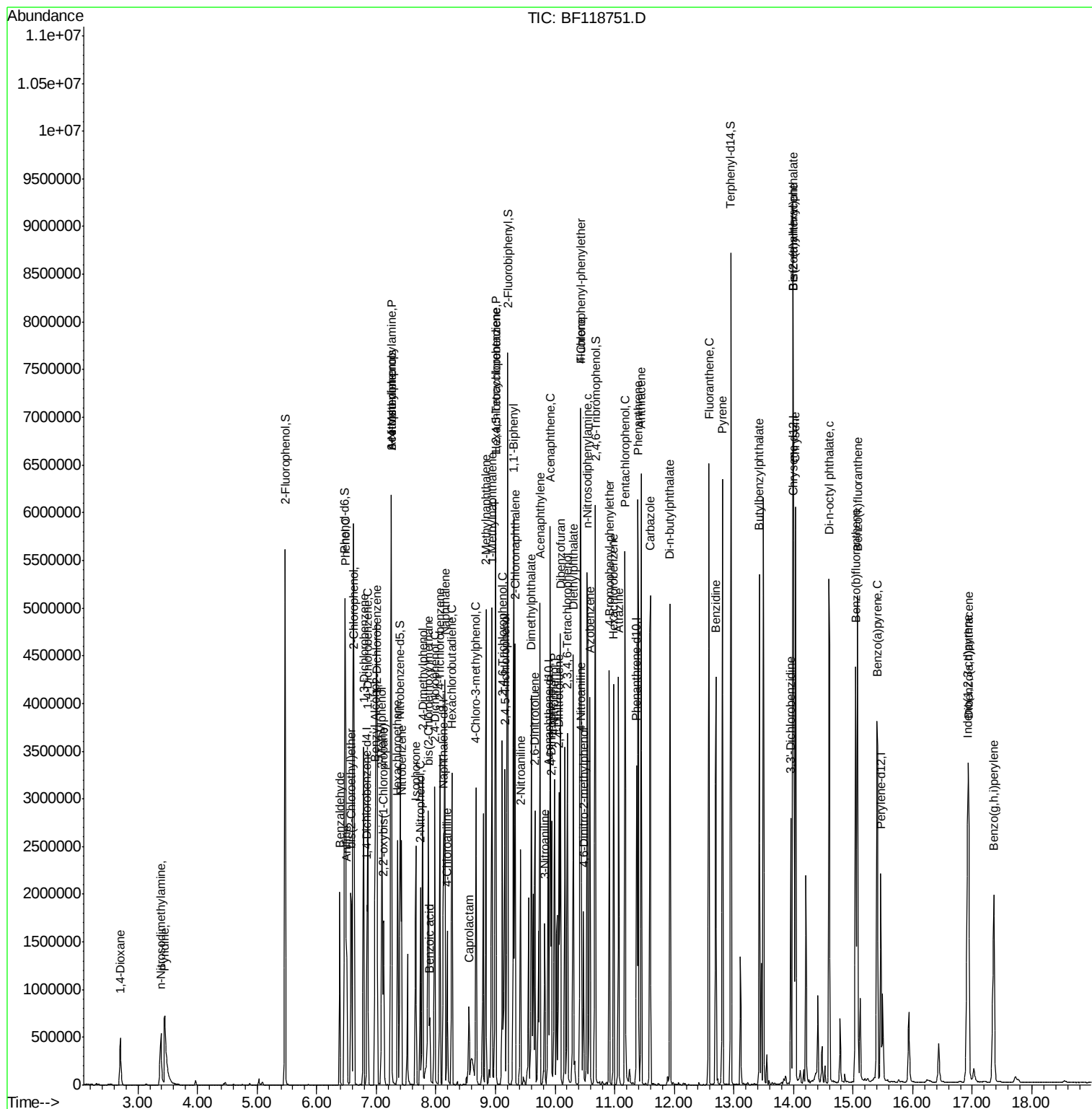
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	883468	81.171	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	539537	37.690	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	558440	38.197	nq	99
46) 1,1'-Biphenyl	9.30	154	1843537	38.797	nq	99
47) 2-Chloronaphthalene	9.33	162	1489080	37.180	nq	99
48) 2-Nitroaniline	9.42	65	415178	33.723	nq	93
49) Acenaphthylene	9.75	152	2296453	40.758	nq	99
50) Dimethylphthalate	9.60	163	1808123	40.253	nq	99
51) 2,6-Dinitrotoluene	9.66	165	418989	41.655	nq	95
52) Acenaphthene	9.92	154	1582564	42.005	nq	100
53) 3-Nitroaniline	9.83	138	272662	23.740	nq	97
54) 2,4-Dinitrophenol	9.94	184	407820	101.558	nq	94
55) Dibenzofuran	10.09	168	2096667	40.157	nq	97
56) 4-Nitrophenol	10.00	139	703833	81.176	nq	92
57) 2,4-Dinitrotoluene	10.07	165	566792	44.699	nq	99
58) Fluorene	10.43	166	1568432	38.265	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	499299	38.828	nq	100
60) Diethylphthalate	10.30	149	1834421	42.120	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	844053	37.862	nq	94
62) 4-Nitroaniline	10.45	138	412613	35.023	nq	99
63) Azobenzene	10.59	77	1563095	37.059	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	312575	54.049	nq	97
66) n-Nitrosodiphenylamine	10.54	169	1499987	37.819	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	590829	36.362	nq	94
68) Hexachlorobenzene	10.99	284	668371	36.282	nq	94
69) Atrazine	11.07	200	573464	41.715	nq	99
70) Pentachlorophenol	11.17	266	731583	71.429	nq	98
71) Phenanthrene	11.39	178	2437015	38.409	nq	100
72) Anthracene	11.44	178	2537227	40.413	nq	100
73) Carbazole	11.60	167	2207186	38.328	nq	100
74) Di-n-butylphthalate	11.93	149	2755549	43.069	nq	99
75) Fluoranthene	12.58	202	2656787	39.700	nq	100
77) Benzidine	12.70	184	1576817	57.978	nq	99
78) Pyrene	12.81	202	2669366	38.628	nq	100
80) Butylbenzylphthalate	13.43	149	1213407	42.904	nq	95
81) Benzo(a)anthracene	14.00	228	2310739	37.738	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	572840	26.255	nq	99
83) Chrysene	14.04	228	2328239	39.674	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1604027	46.422	nq	100
85) Di-n-octyl phthalate	14.60	149	2768514	54.131	nq	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2184680	42.845	nq	100
88) Benzo(b)fluoranthene	15.04	252	2417602	36.948	nq	100
89) Benzo(k)fluoranthene	15.07	252	2249186	37.103	nq	99
90) Benzo(a)pyrene	15.40	252	2083513	36.913	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1847621	37.006	nq	100
92) Benzo(g,h,i)perylene	17.36	276	1747157	36.041	nq	99

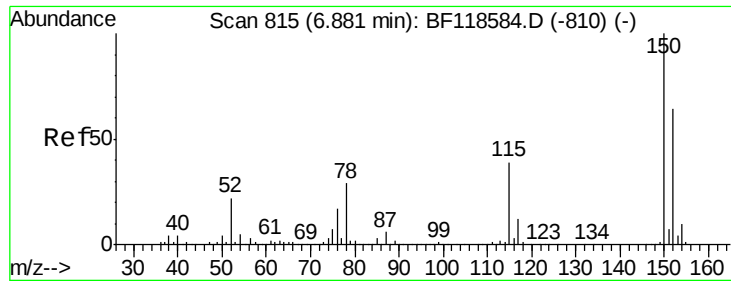
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118751.D
Acq On : 30 Jan 2020 15:09
Operator : CG/JU
Sample : PB126458BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jan 30 22:07:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration



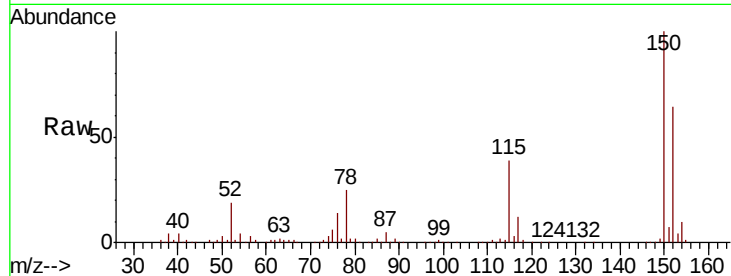


#1

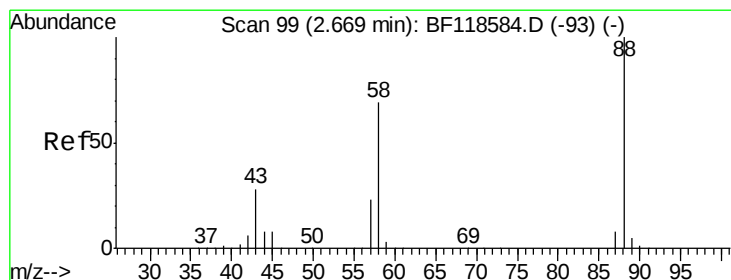
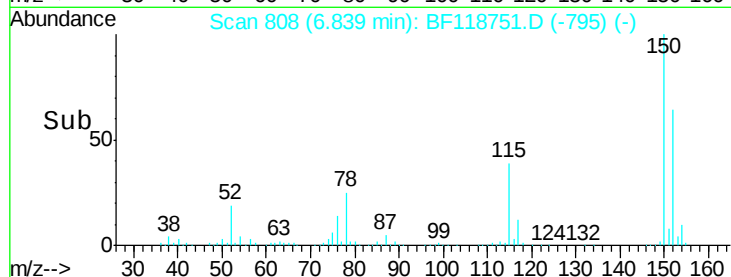
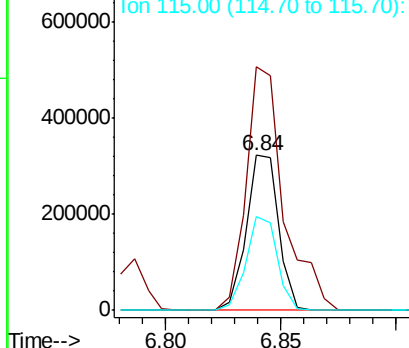
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 314757
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 60.7 45.1 67.7



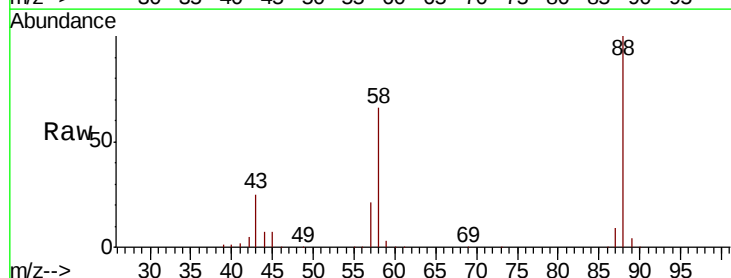
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



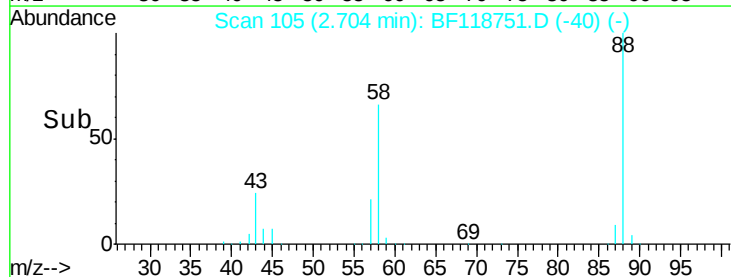
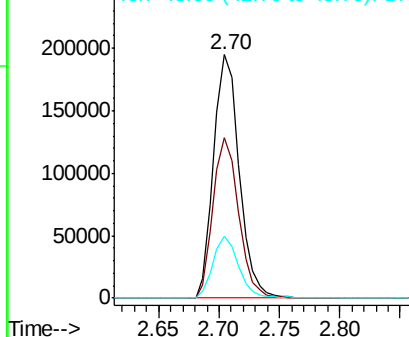
#2

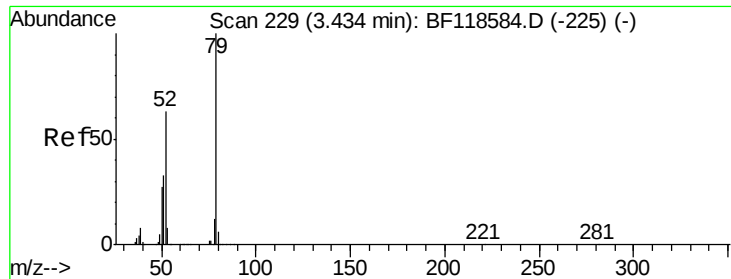
1,4-Dioxane
Concen: 34.825 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.08 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion: 88 Resp: 285862
Ion Ratio Lower Upper
88 100
58 65.6 51.9 77.9
43 24.7 19.3 28.9



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: 30.478 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.07 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

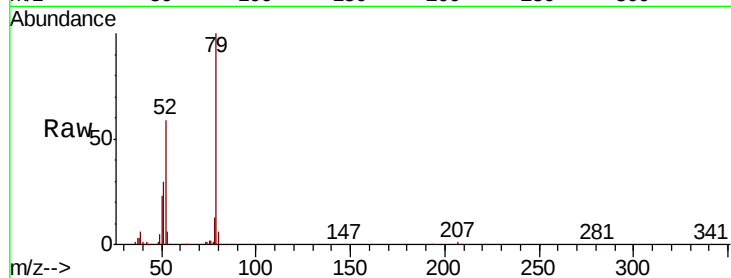
Tot Ion: 79 Resp: 705124

Ion Ratio Lower Upper

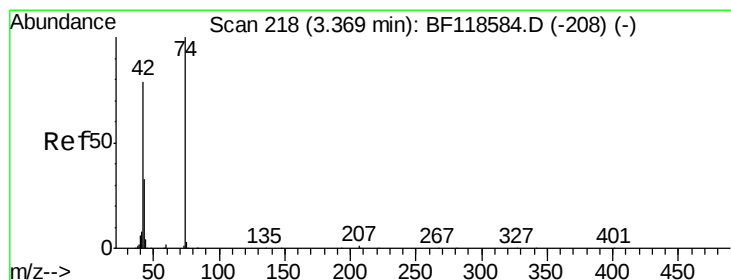
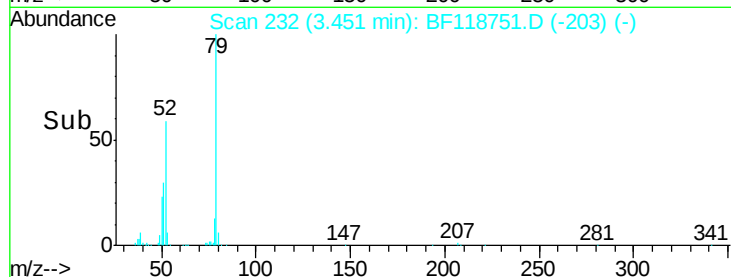
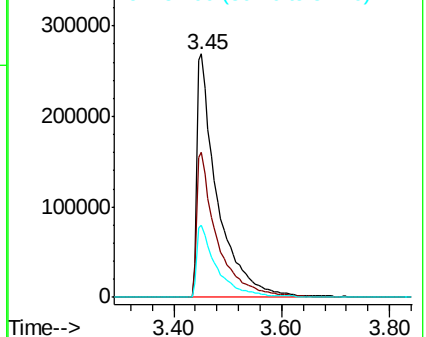
79 100

52 59.3 48.8 73.2

51 29.8 24.4 36.6



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: 29.946 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.06 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

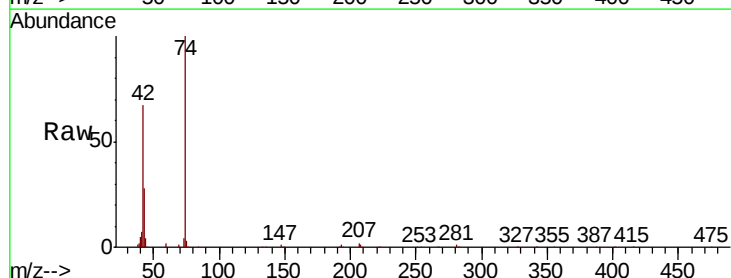
Tgt Ion: 42 Resp: 297027

Ion Ratio Lower Upper

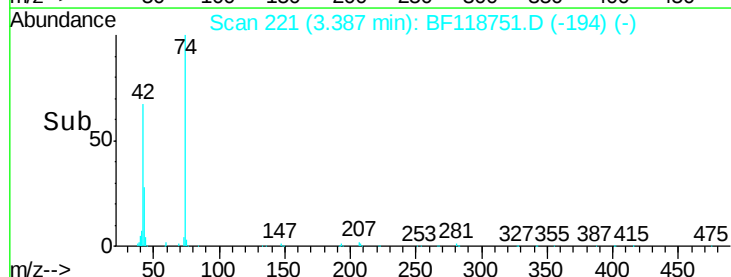
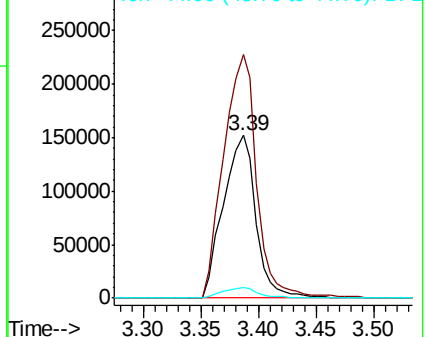
42 100

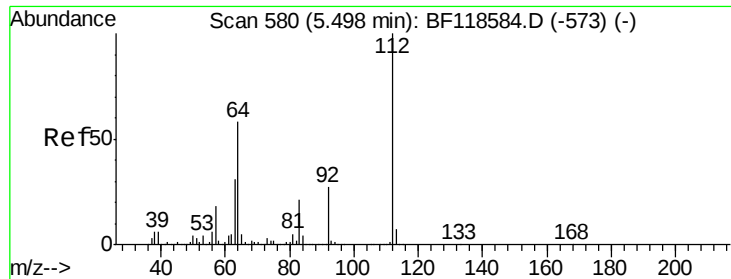
74 150.0 123.5 185.3

44 6.5 5.6 8.4



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: 103.342 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

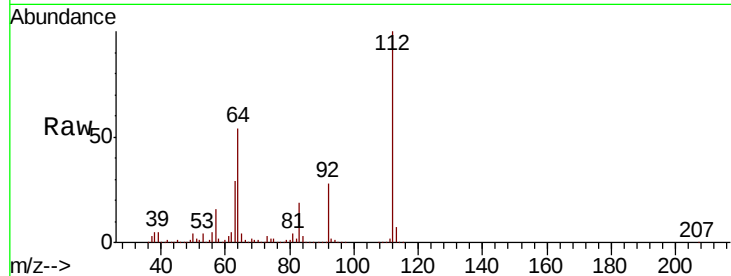
Tot Ion:112 Resp: 1751380

Ion Ratio Lower Upper

112 100

64 54.1 42.4 63.6

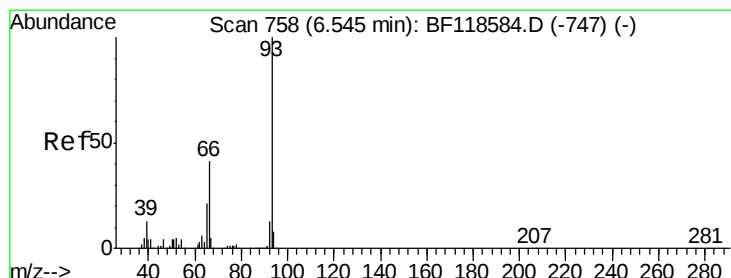
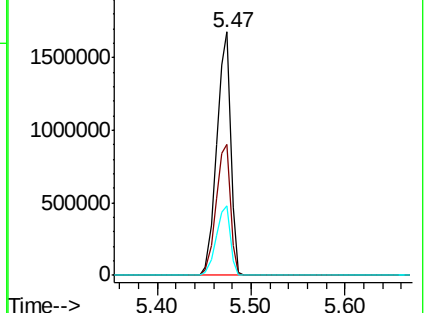
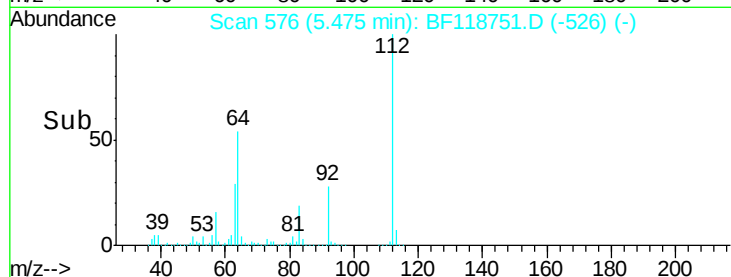
63 28.7 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.640 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

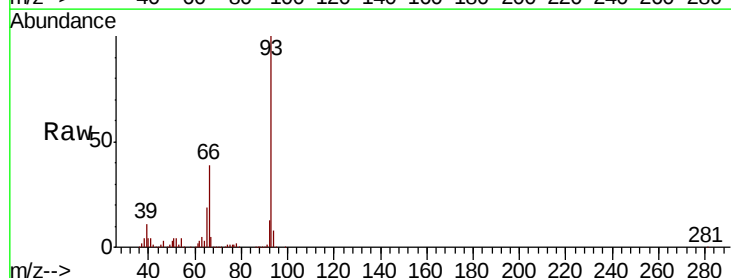
Tgt Ion: 93 Resp: 830701

Ion Ratio Lower Upper

93 100

66 39.2 31.3 46.9

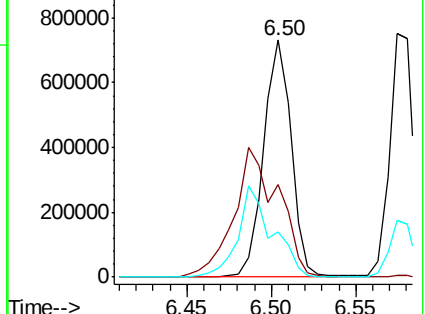
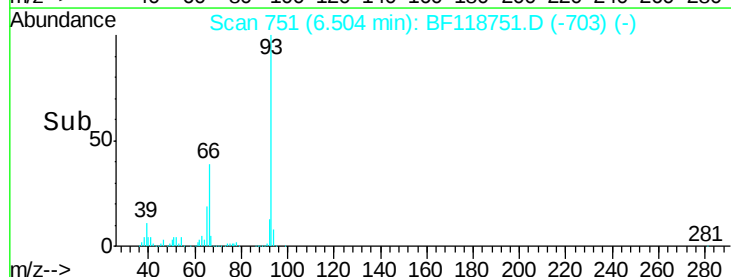
65 19.1 15.3 22.9

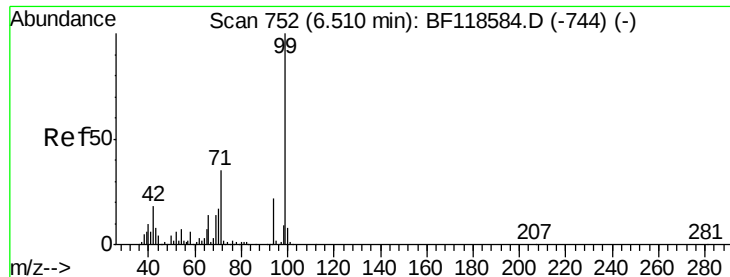


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.686 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

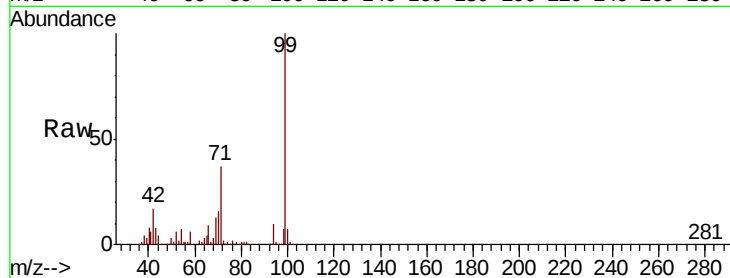
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2217849

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.1	19.7
71	36.8	28.4	42.6

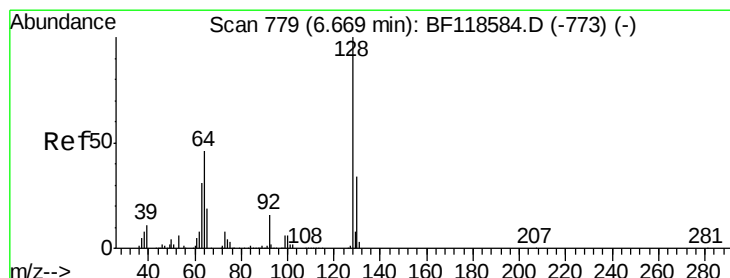
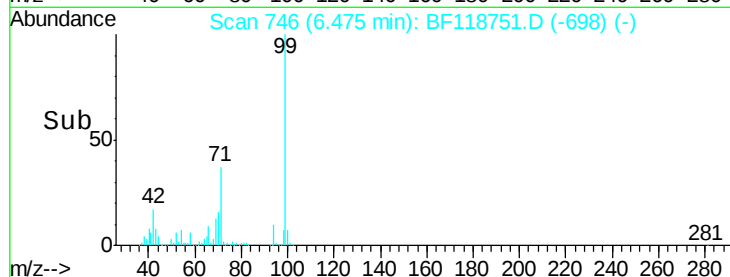
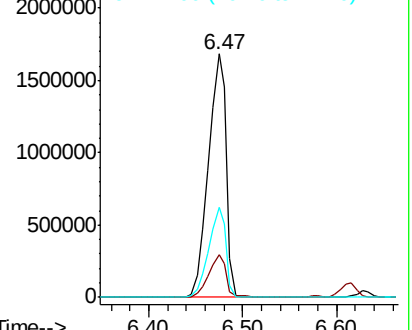


Abundance

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: 39.990 ng

RT: 6.63 min Scan# 772

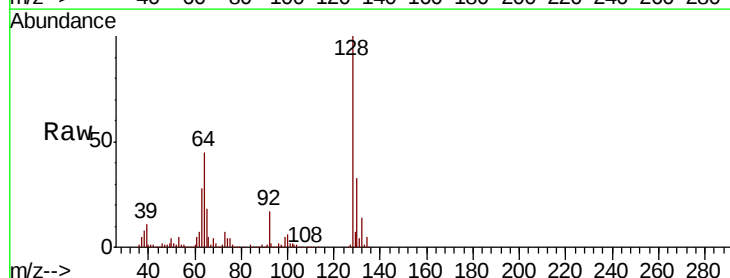
Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion: 128 Resp: 760700

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	45.4	24.5	64.5

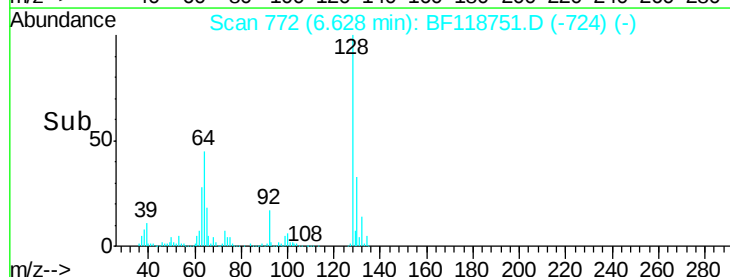
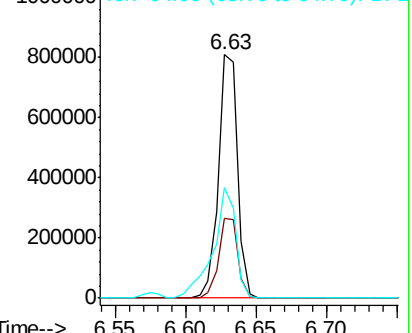


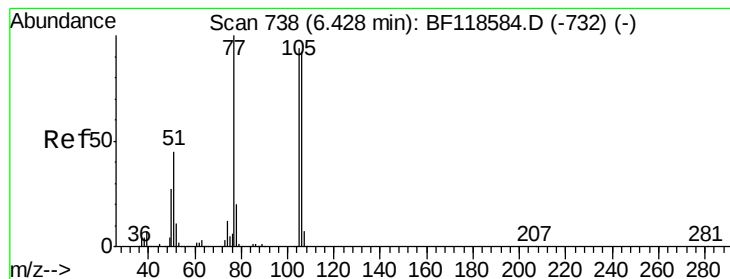
Abundance

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: 28.895 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampled :

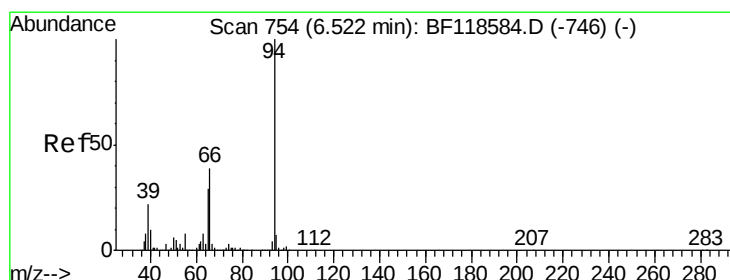
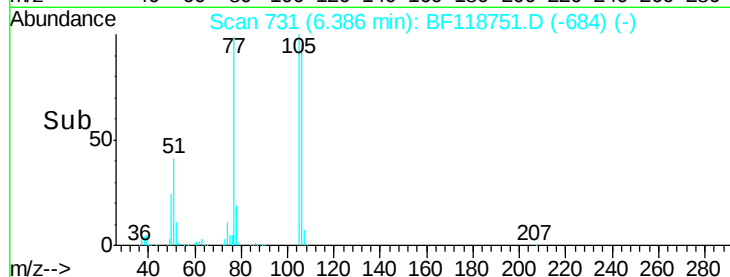
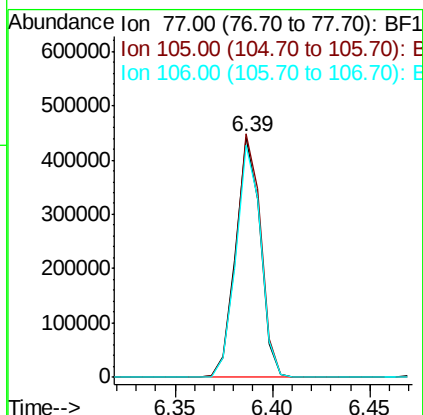
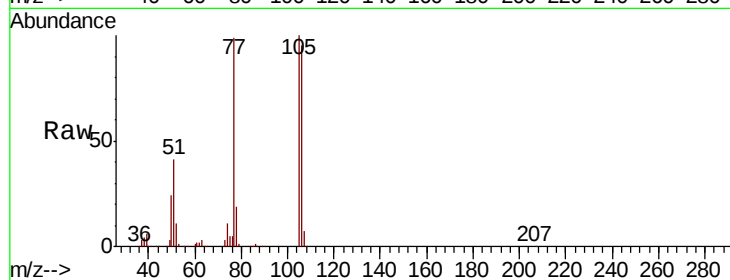
Tot Ion: 77 Resp: 387078

Ion Ratio Lower Upper

77 100

105 101.3 84.3 124.3

106 96.4 80.4 120.4



#10

Phenol

Concen: 36.335 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

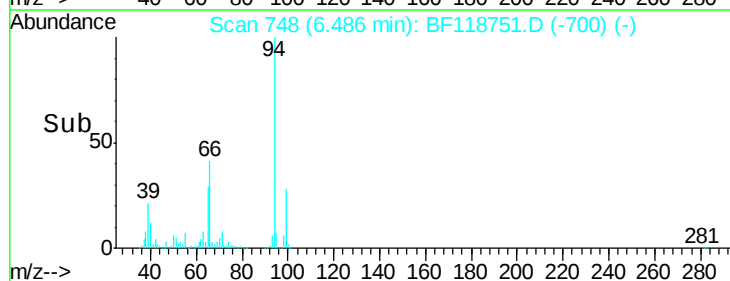
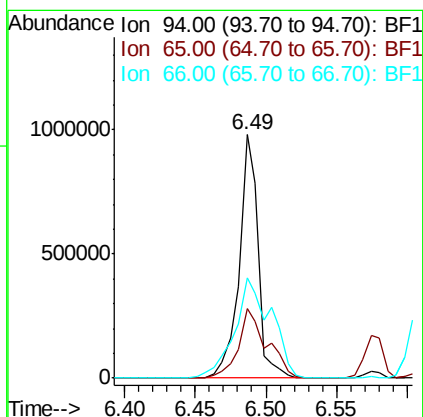
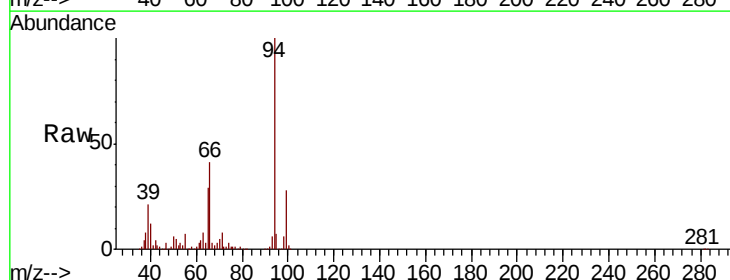
Tgt Ion: 94 Resp: 912120

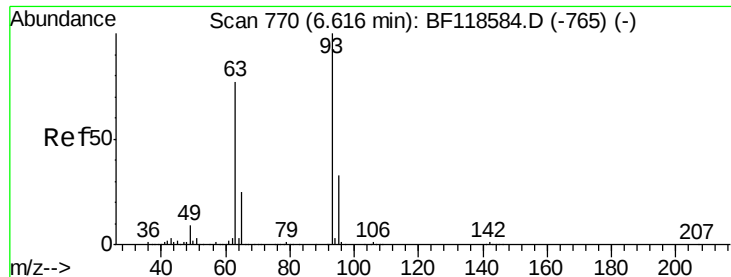
Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

66 40.9 19.1 59.1

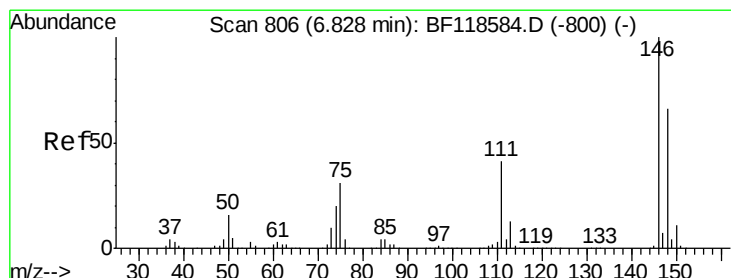
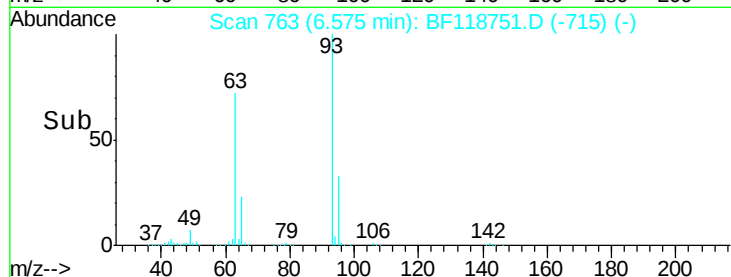
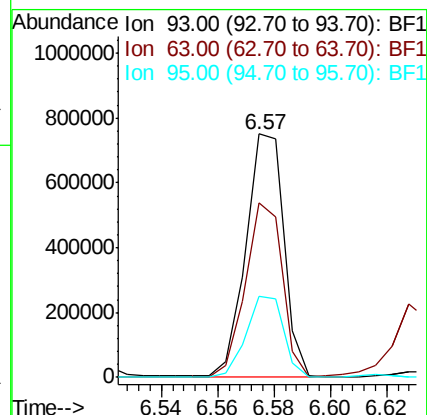
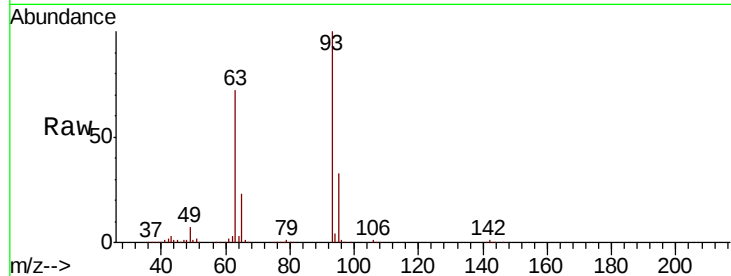




#11
bis(2-Chloroethyl)ether
Concen: 37.563 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

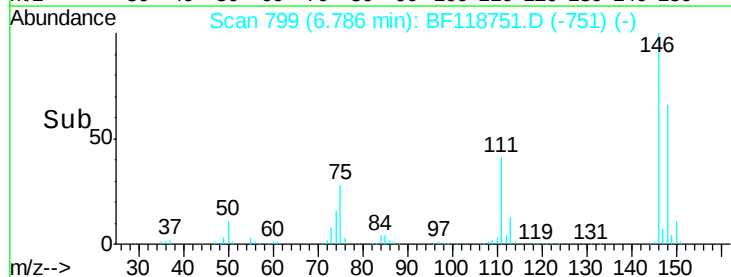
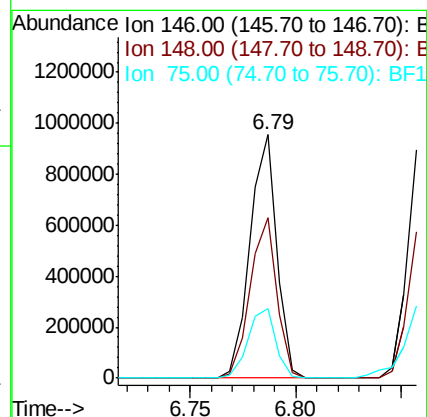
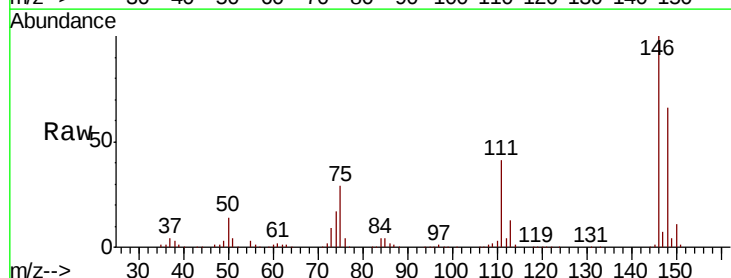
Instrument :
BNA_F
ClientSampleId :

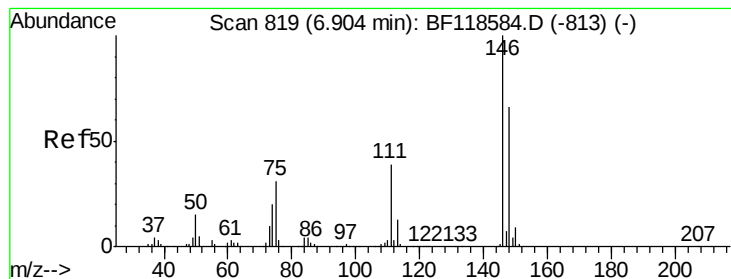
Tot Ion: 93 Resp: 699594
Ion Ratio Lower Upper
93 100
63 71.7 52.1 92.1
95 33.0 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 37.741 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion: 146 Resp: 840289
Ion Ratio Lower Upper
146 100
148 65.8 52.2 78.4
75 28.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.451 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

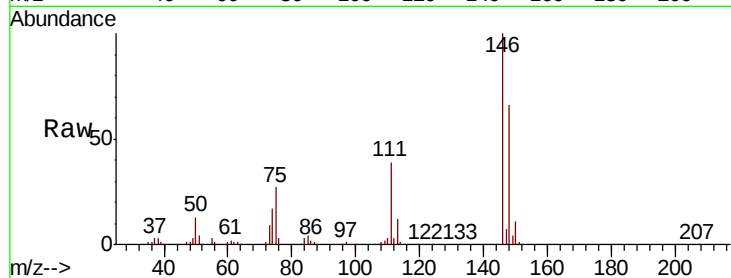
Tot Ion:146 Resp: 859383

Ion Ratio Lower Upper

146 100

148 65.8 51.5 77.3

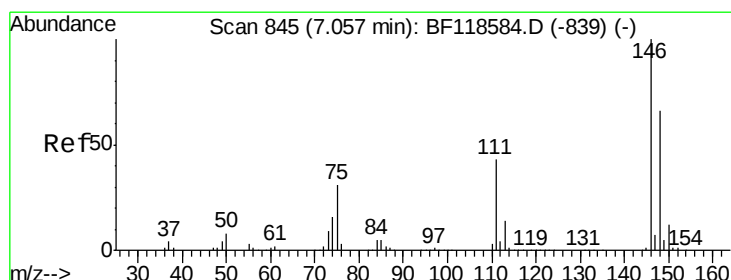
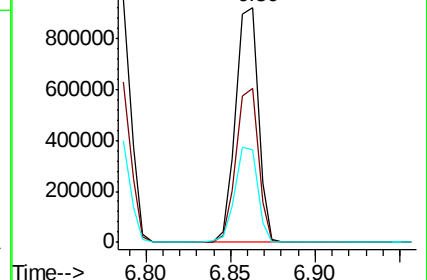
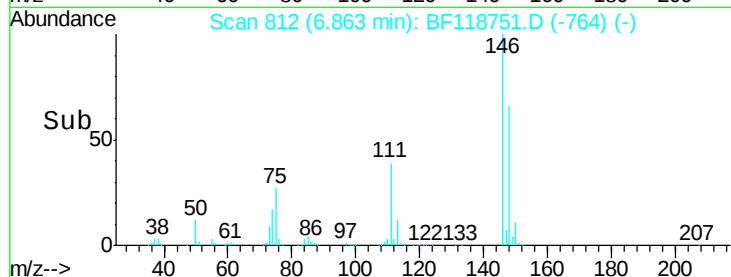
111 39.2 31.8 47.6



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



#14

1,2-Dichlorobenzene

Concen: 37.921 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

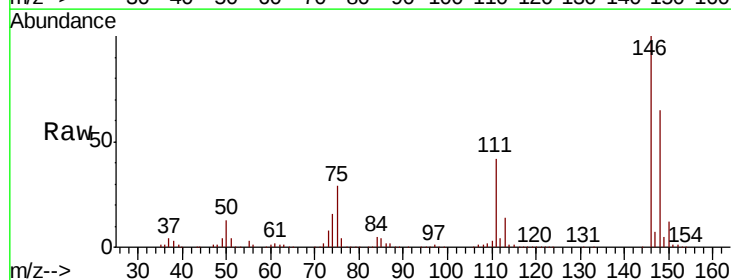
Tgt Ion:146 Resp: 796729

Ion Ratio Lower Upper

146 100

148 65.1 51.7 77.5

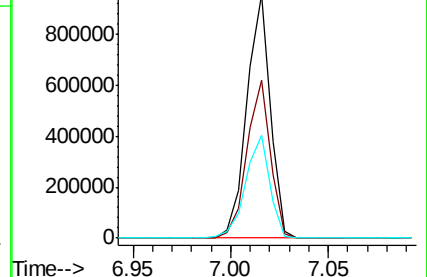
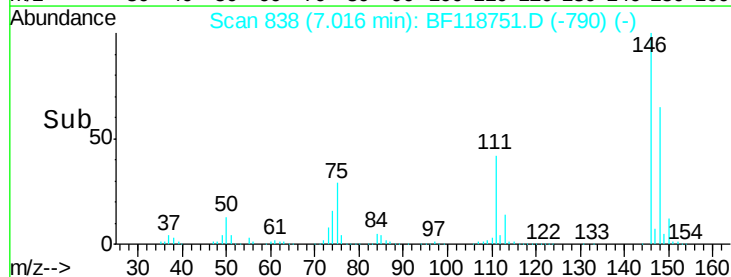
111 42.2 35.3 52.9

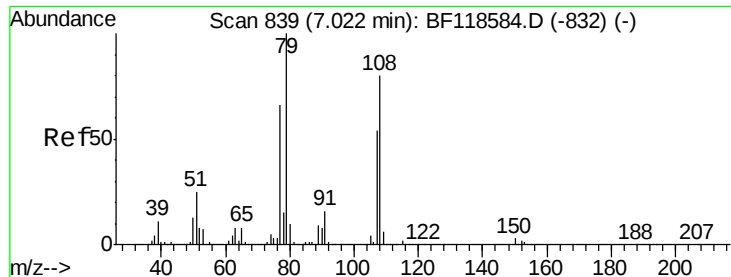


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.709 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

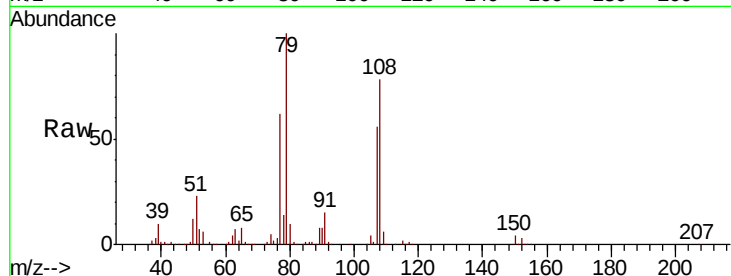
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 658707

Ion	Ratio	Lower	Upper
79	100		
108	77.8	63.4	95.2
77	61.8	49.8	74.6

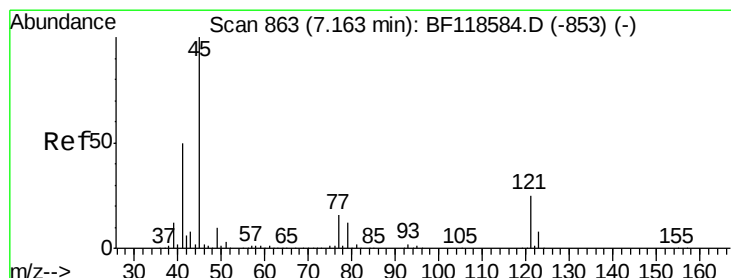
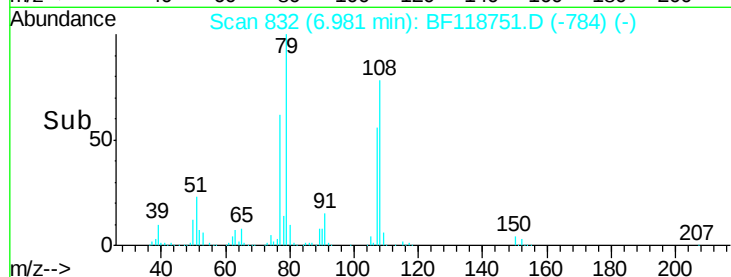
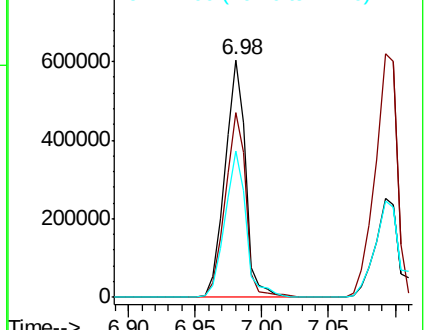


Abundance

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: 32.251 ng

RT: 7.12 min Scan# 855

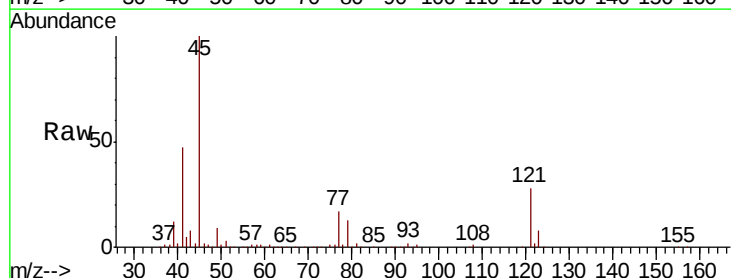
Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion: 45 Resp: 836655

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	36.9
79	12.6	0.0	32.5

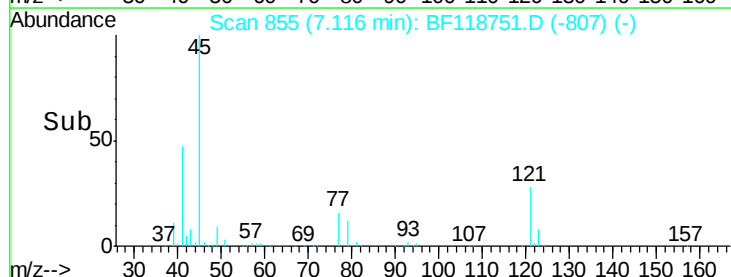
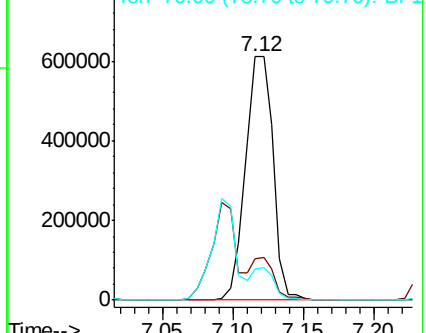


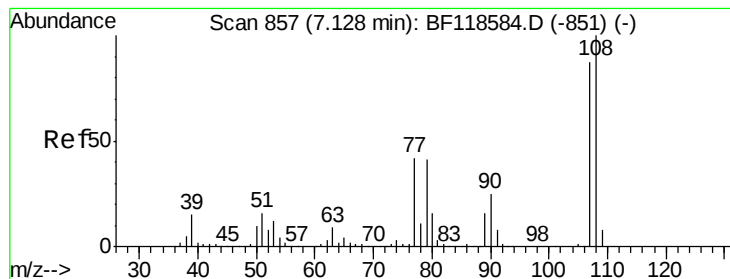
Abundance

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

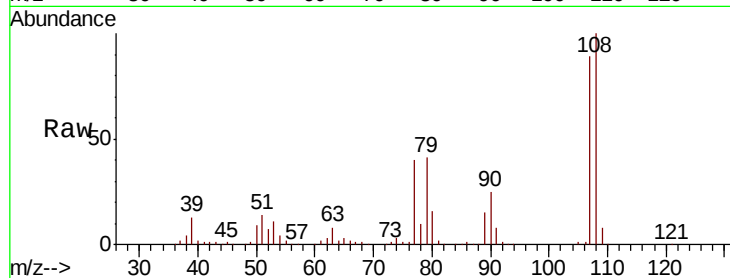




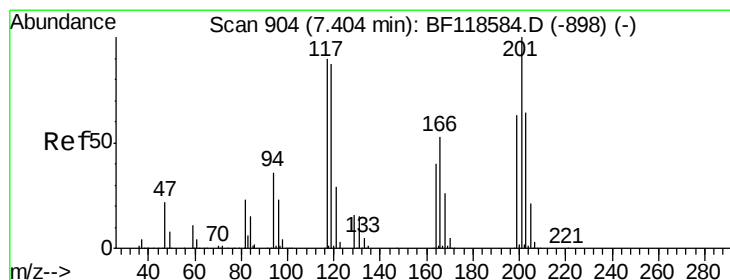
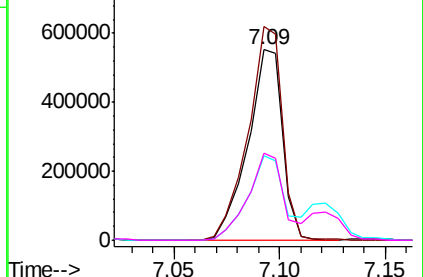
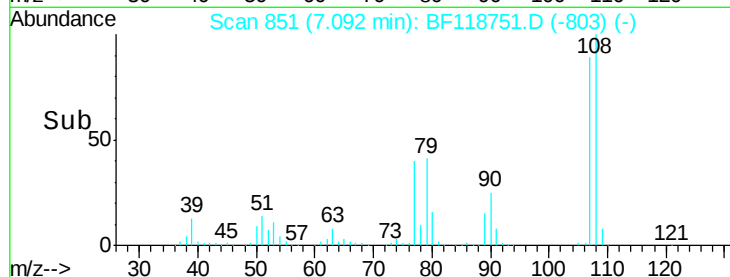
#17
2-Methylphenol
Concen: 39.736 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 629623
Ion Ratio Lower Upper
107 100
108 112.2 88.0 132.0
77 44.7 35.3 52.9
79 45.9 35.4 53.2

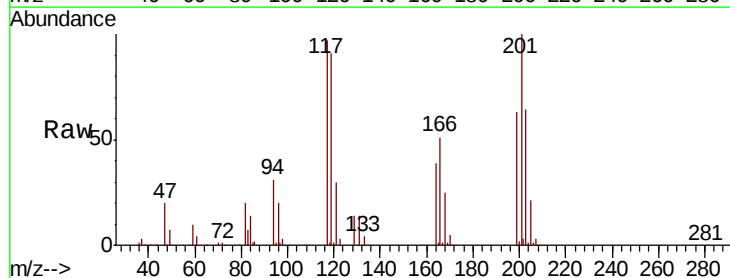


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

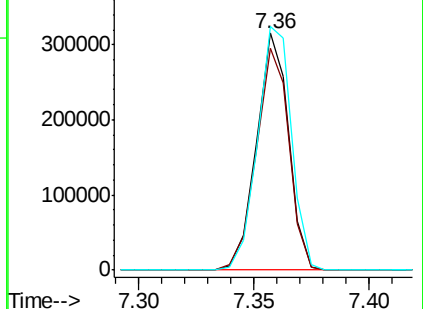
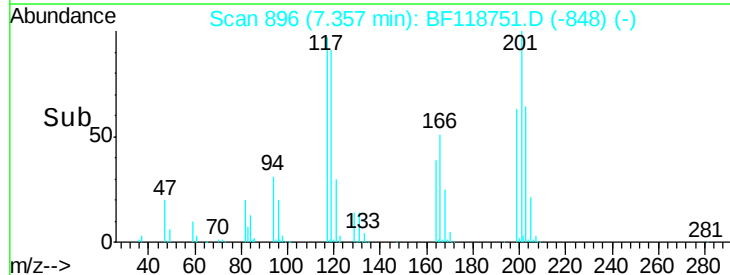


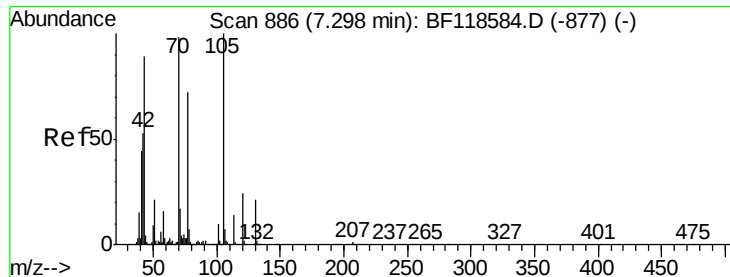
#18
Hexachloroethane
Concen: 37.538 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:117 Resp: 304220
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.2
201 102.8 83.3 124.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

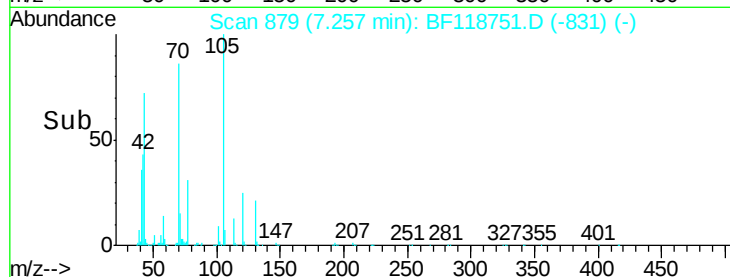
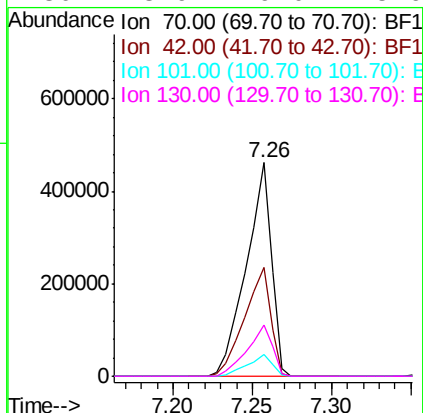
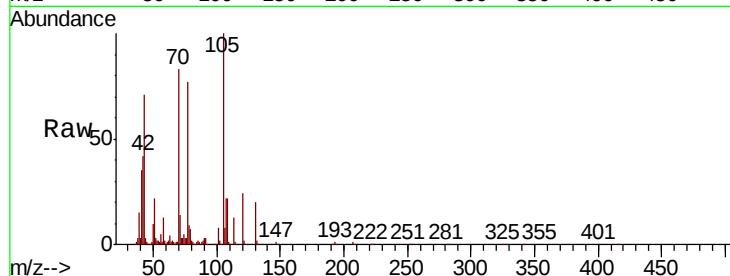




#19
n-Nitroso-di-n-propylamine
Concen: 34.270 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

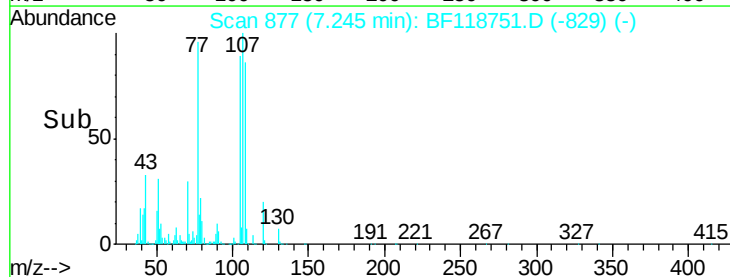
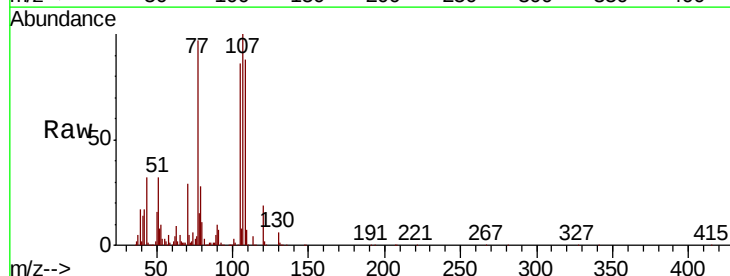
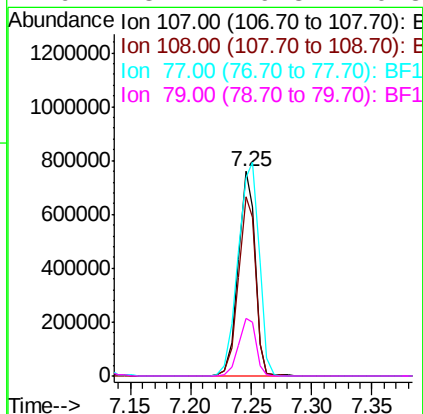
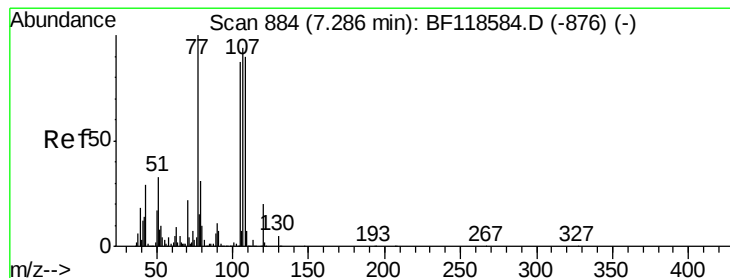
Instrument :
BNA_F
ClientSampleId :

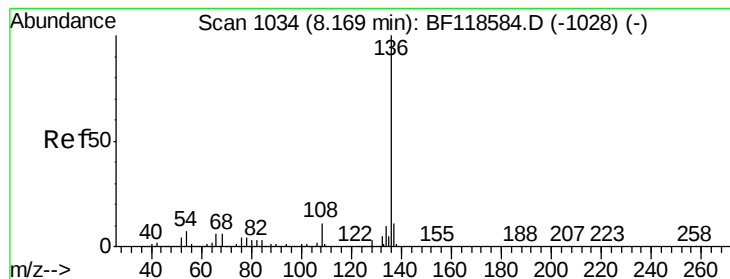
Tot Ion:	70	Resp:	509705
Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.6	62.4
101	10.1	7.9	11.9
130	23.9	19.0	28.6



#20
3+4-Methylphenols
Concen: 38.603 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:	107	Resp:	746790
Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.5	107.5
77	96.9	73.6	113.6
79	28.4	9.3	49.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1185789

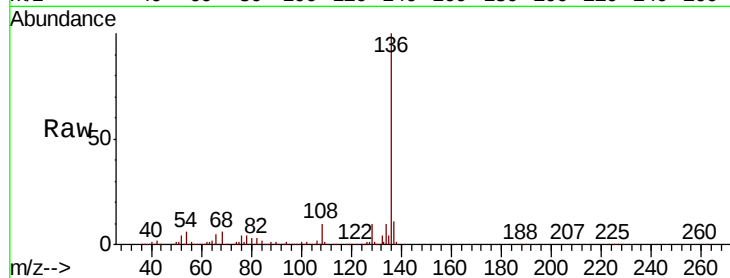
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.5 5.1 7.7

68 5.7 4.3 6.5

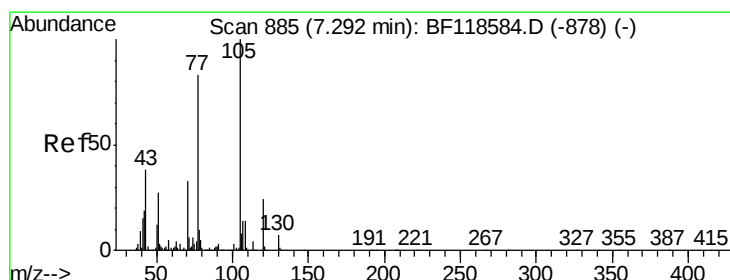
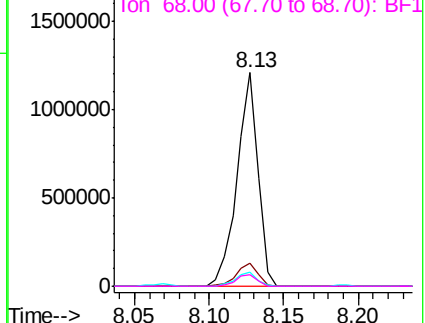
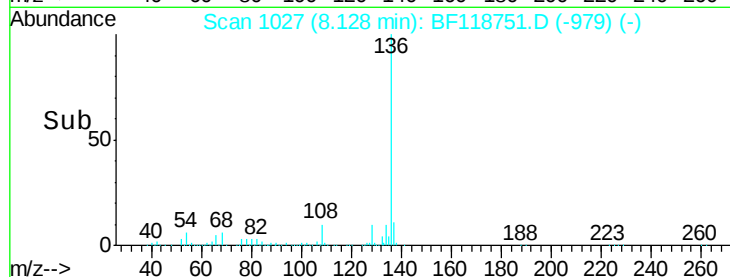


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.048 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:105 Resp: 984515

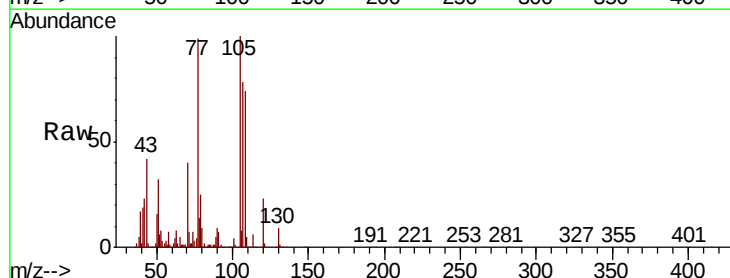
Ion Ratio Lower Upper

105 100

71 7.1 4.3 6.5#

51 31.6 23.5 35.3

120 23.4 18.6 28.0

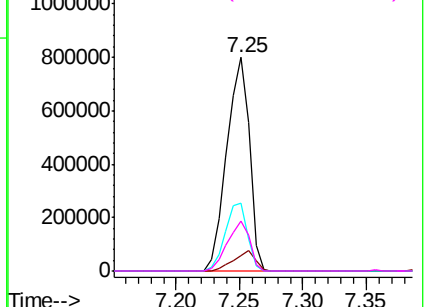
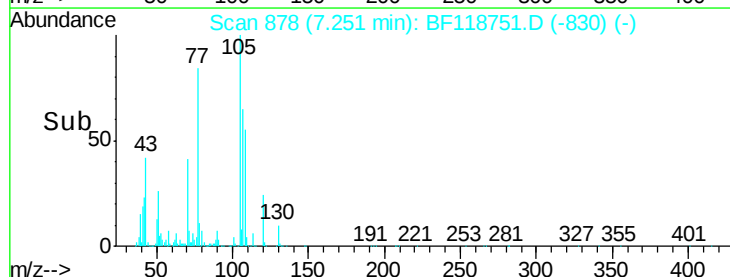


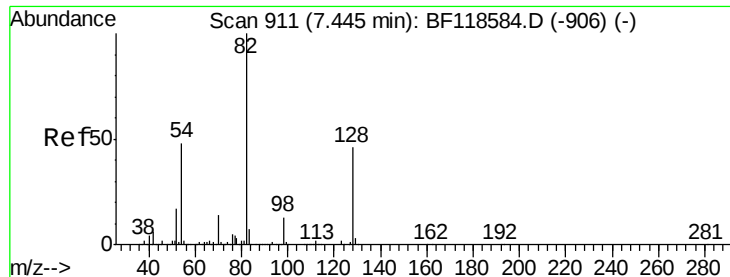
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



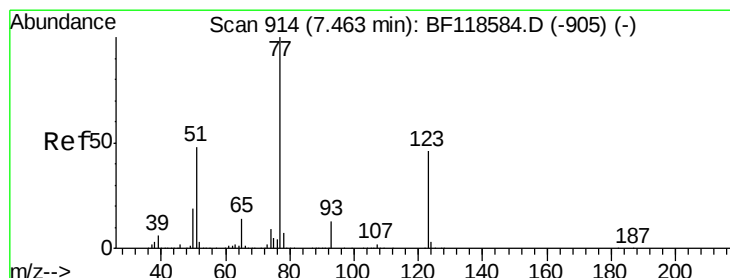
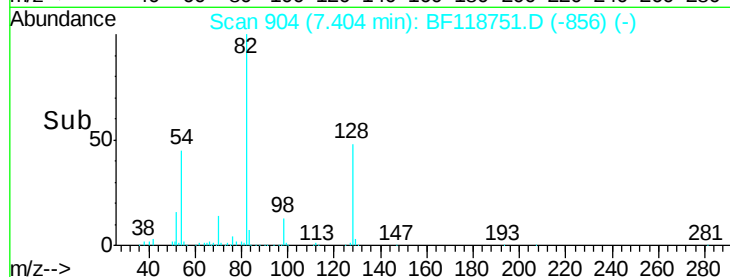
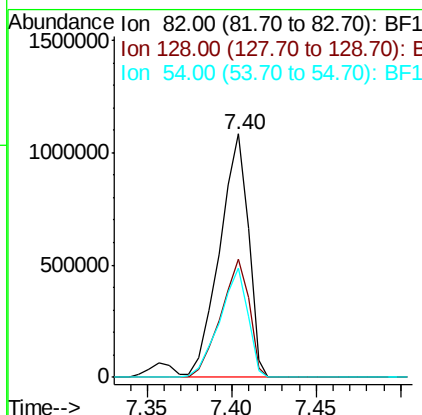
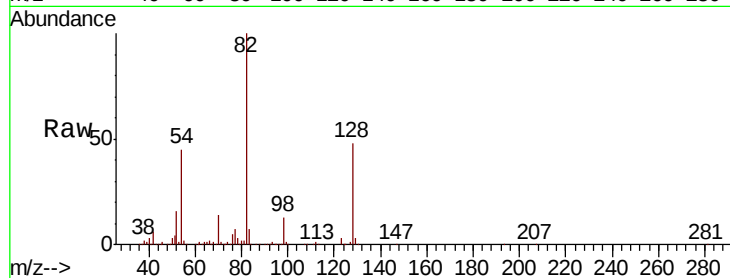


#23
 Nitrobenzene-d5
 Concen: 60.265 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1277609

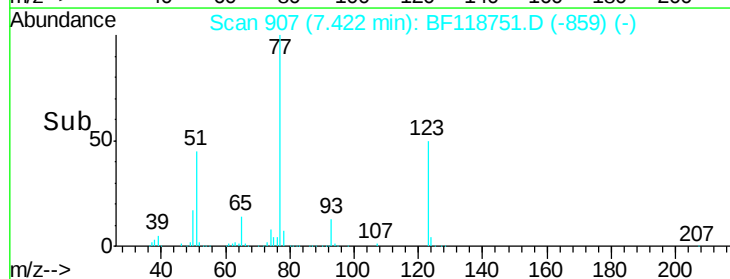
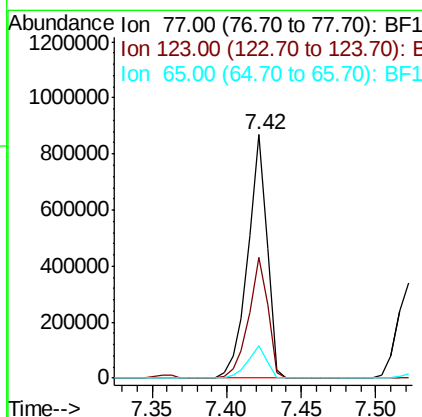
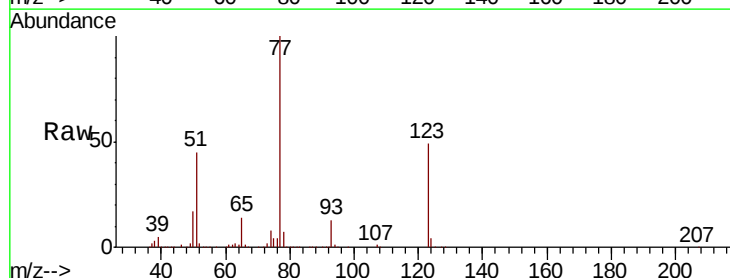
Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.2	57.2
54	44.7	36.1	54.1

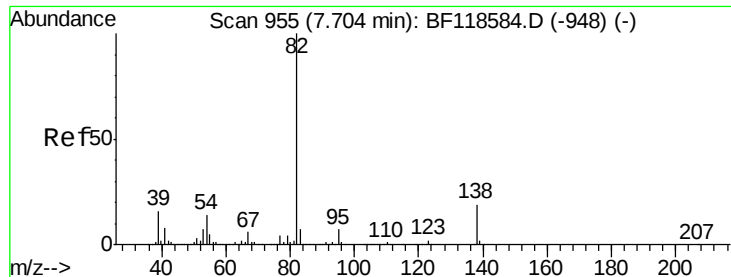


#24
 Nitrobenzene
 Concen: 35.633 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion: 77 Resp: 773489

Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.2	58.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 37.318 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

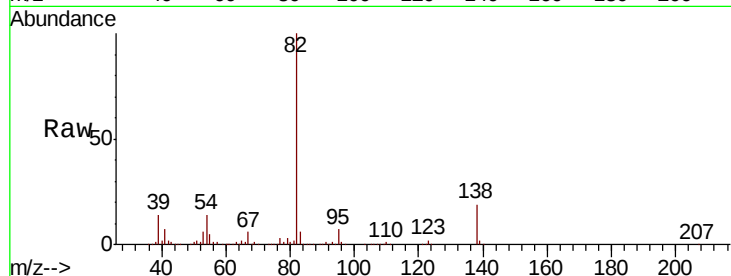
Tot Ion: 82 Resp: 1442974

Ion Ratio Lower Upper

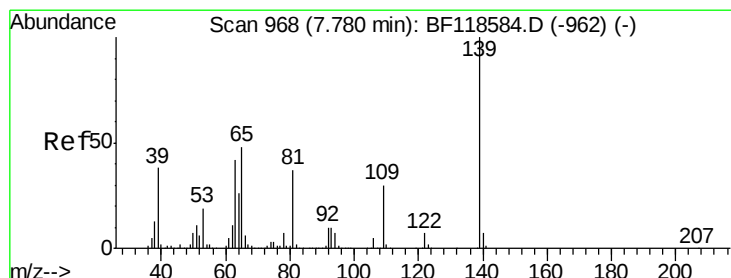
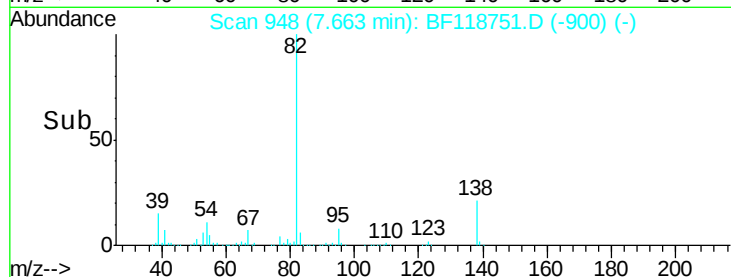
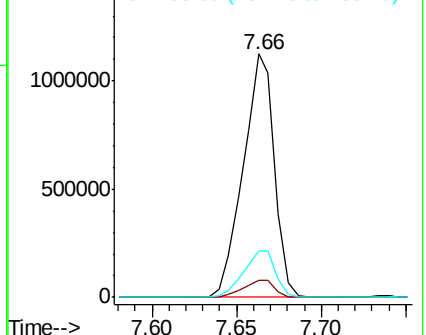
82 100

95 7.2 5.8 8.8

138 19.3 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.895 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

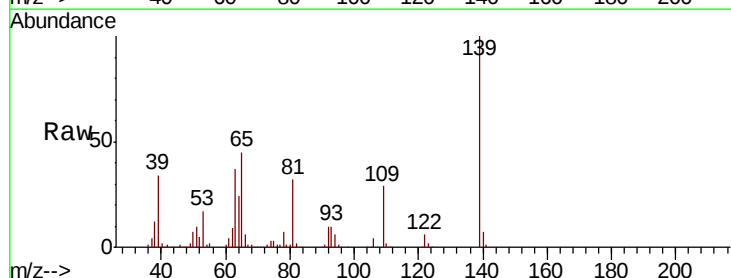
Tgt Ion: 139 Resp: 424839

Ion Ratio Lower Upper

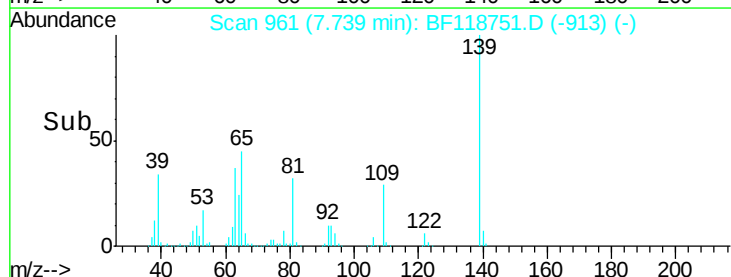
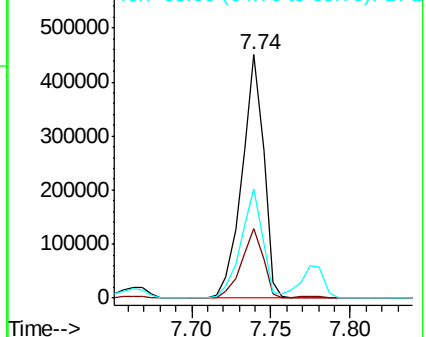
139 100

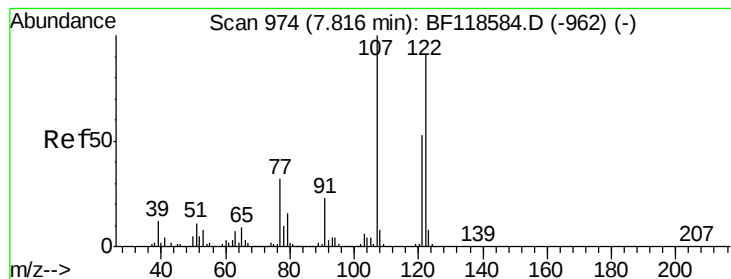
109 28.7 23.1 34.7

65 44.9 35.2 52.8



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





#27

2,4-Dimethylphenol

Concen: 42.317 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

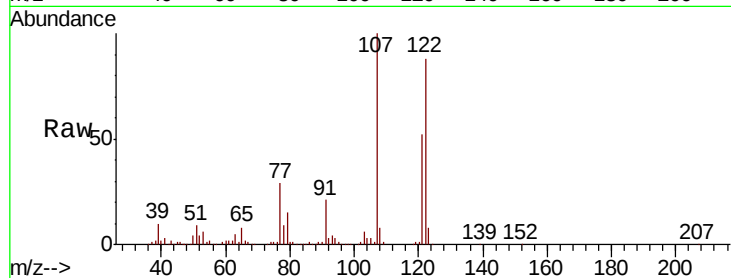
Tot Ion:122 Resp: 676430

Ion Ratio Lower Upper

122 100

107 113.1 91.8 137.8

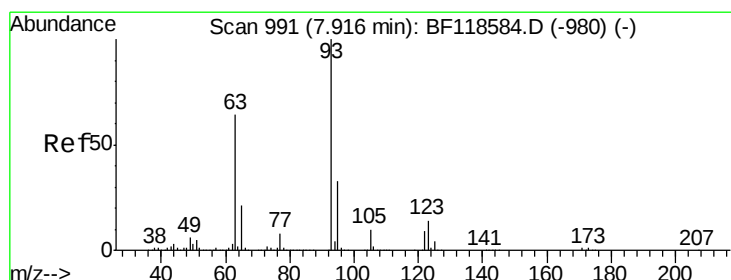
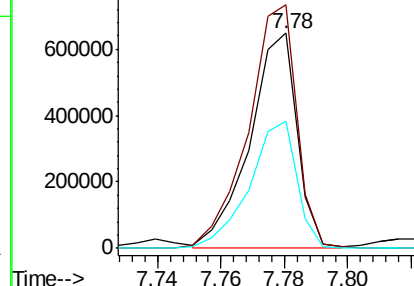
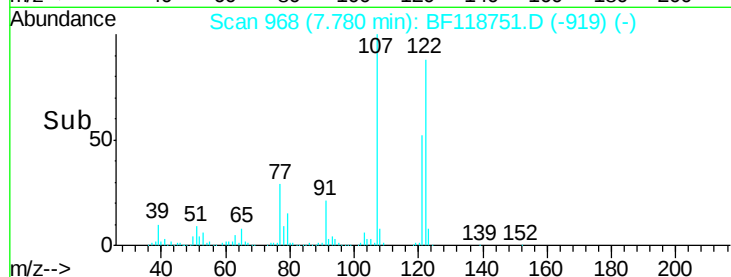
121 58.9 46.8 70.2



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: 35.899 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

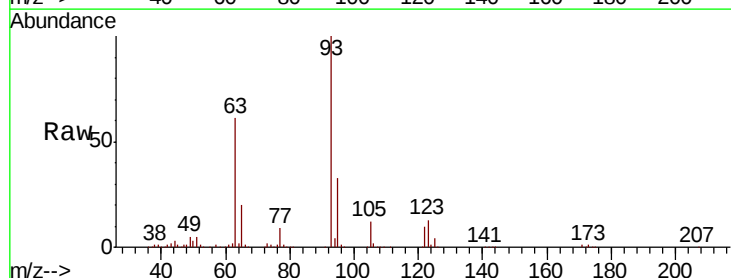
Tgt Ion: 93 Resp: 894418

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

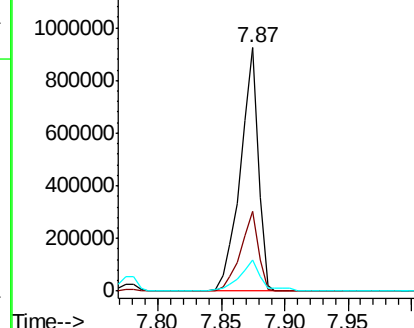
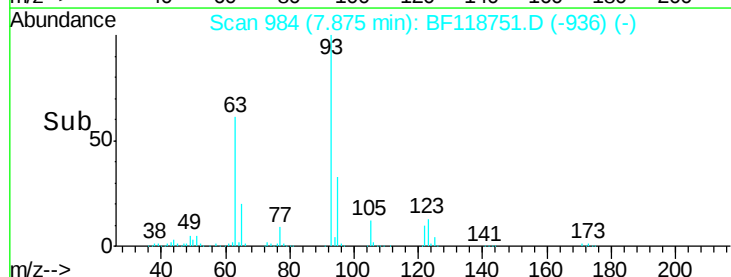
123 12.9 10.7 16.1

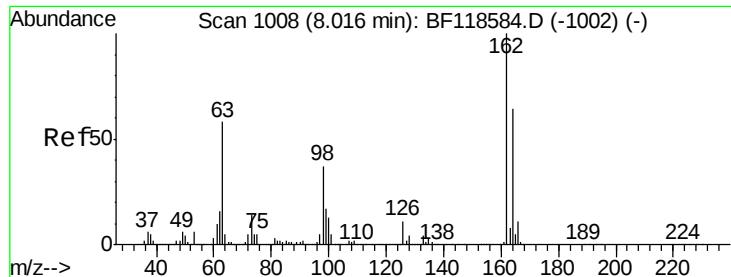


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

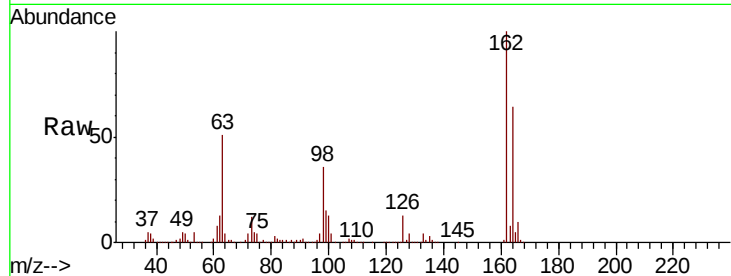




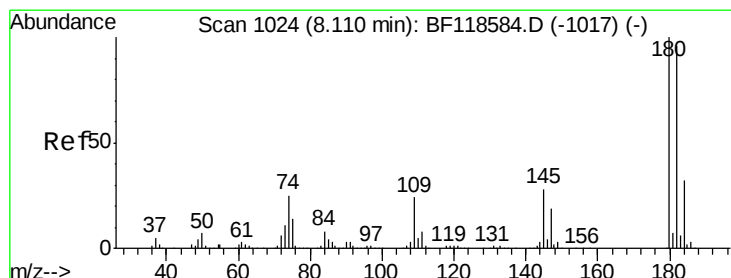
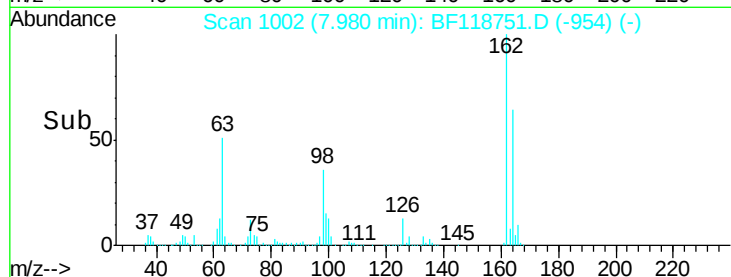
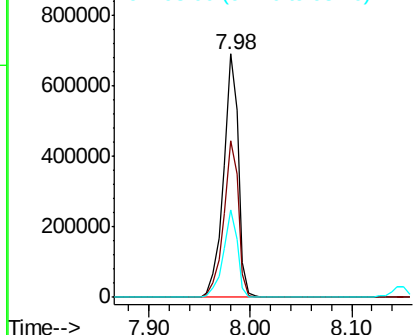
#29
2,4-Dichlorophenol
Concen: 39.378 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	36.0	15.0	55.0

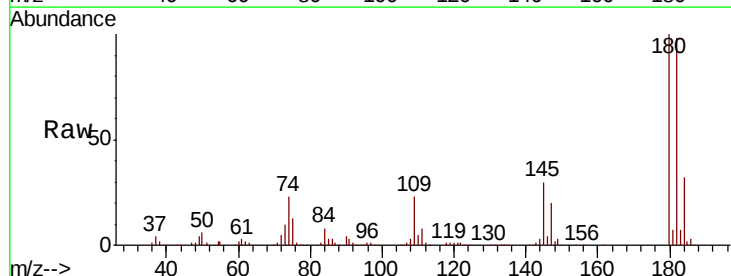


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

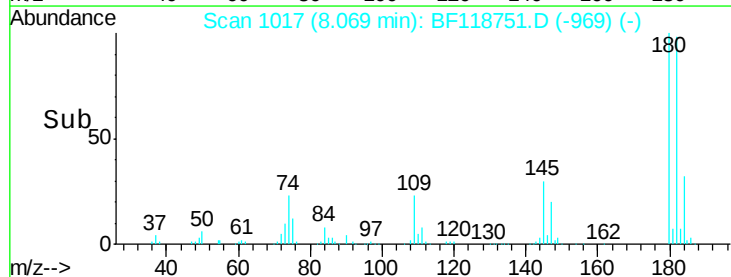
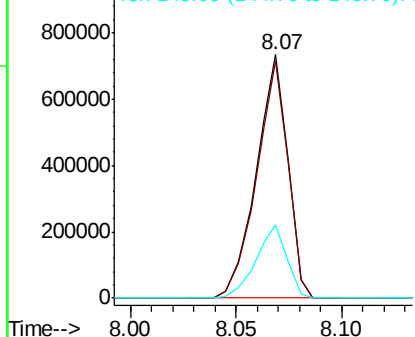


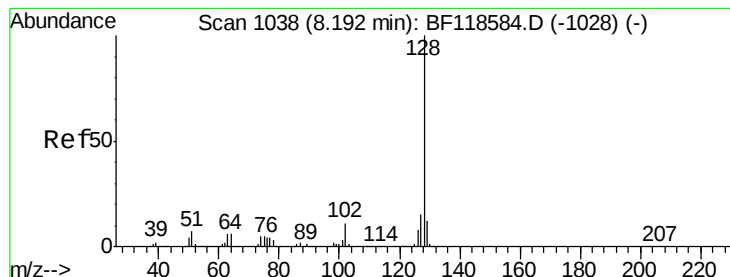
#30
1,2,4-Trichlorobenzene
Concen: 37.058 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.0	115.4
145	30.3	23.5	35.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.551 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampled :

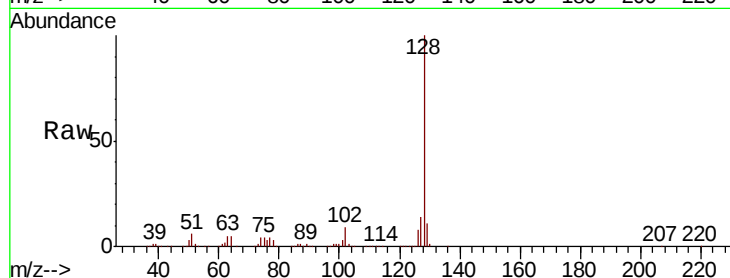
Tot Ion:128 Resp: 2172169

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

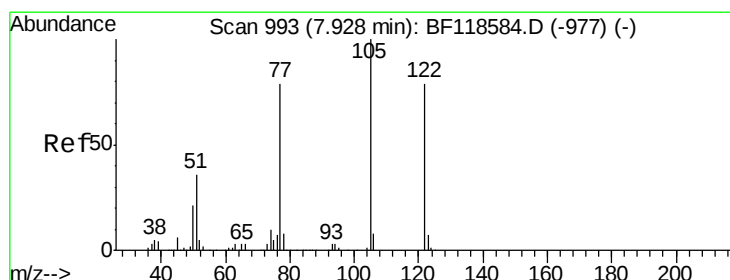
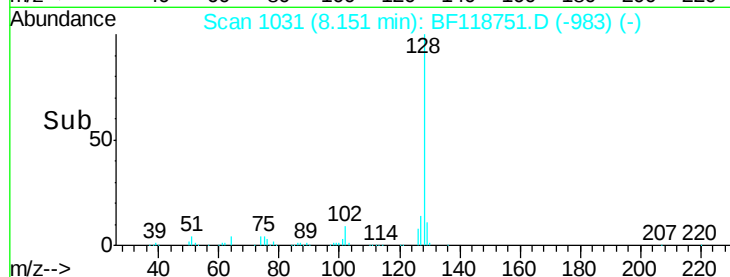
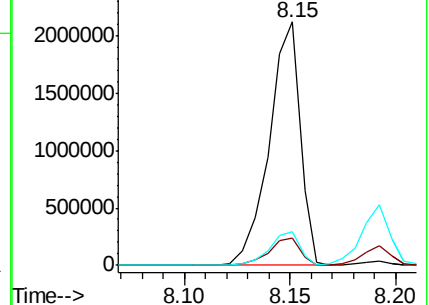
127 13.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.502 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

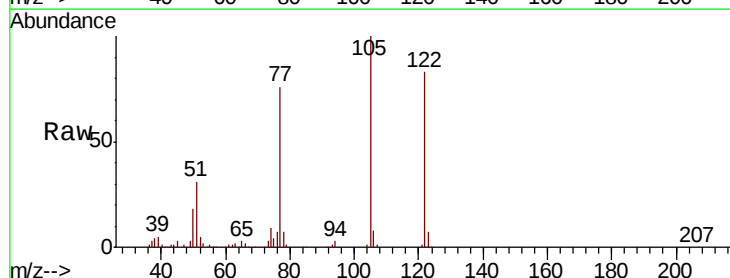
Tgt Ion:122 Resp: 473891

Ion Ratio Lower Upper

122 100

105 120.9 100.9 140.9

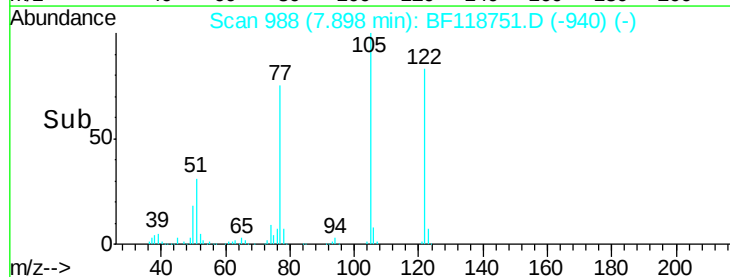
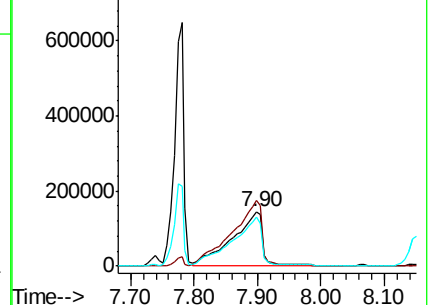
77 91.4 65.1 105.1

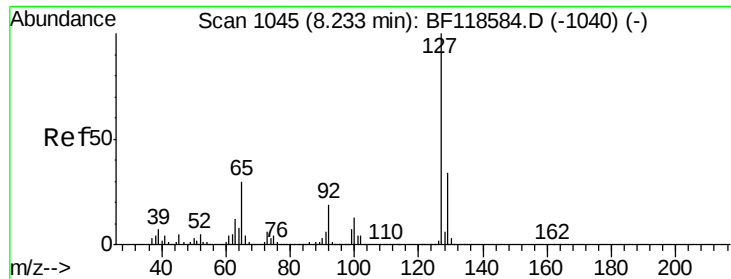


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

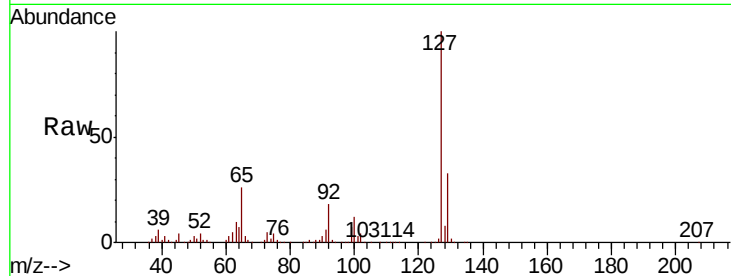




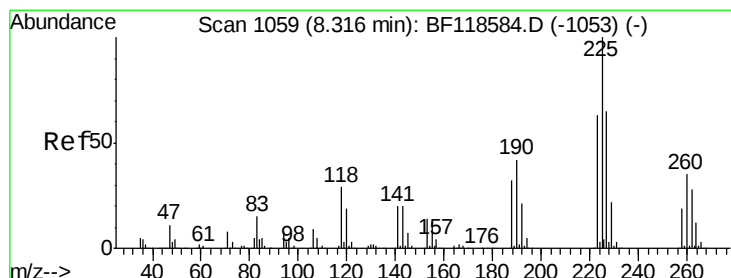
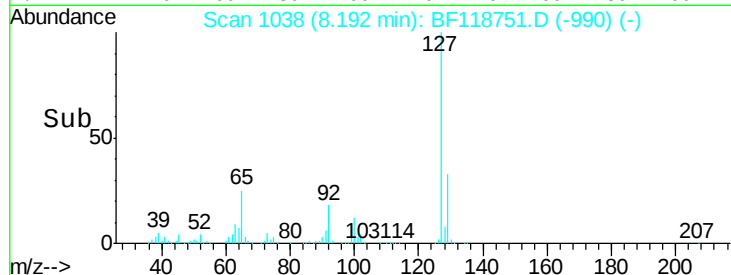
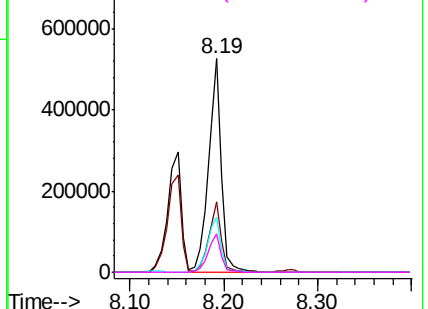
#33
4-Chloroaniline
Concen: 20.402 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	505127
Ion Ratio	Lower	Upper
127	100	
129	33.1	26.4 39.6
65	25.6	22.6 33.8
92	17.8	15.3 22.9

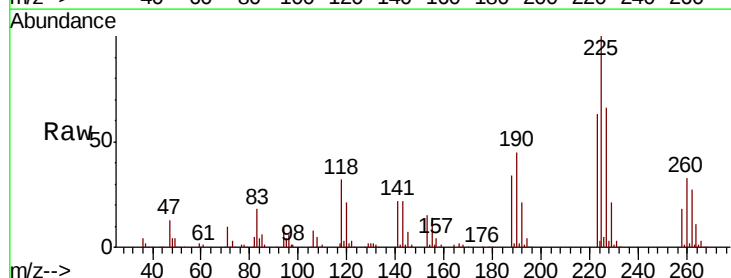


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

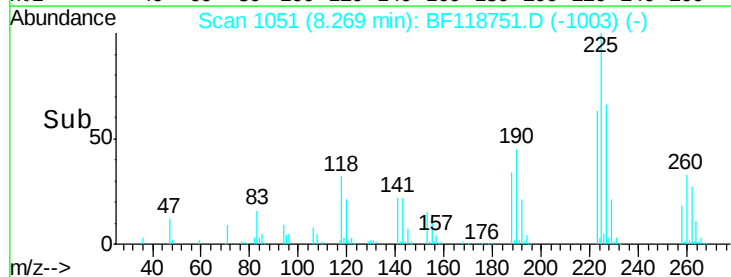
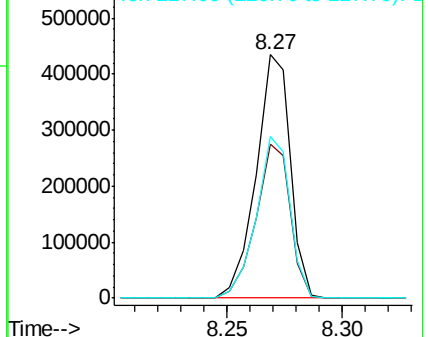


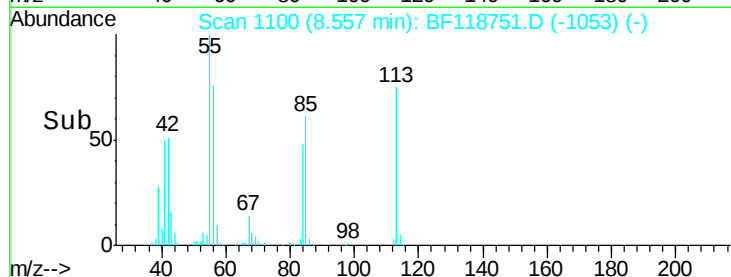
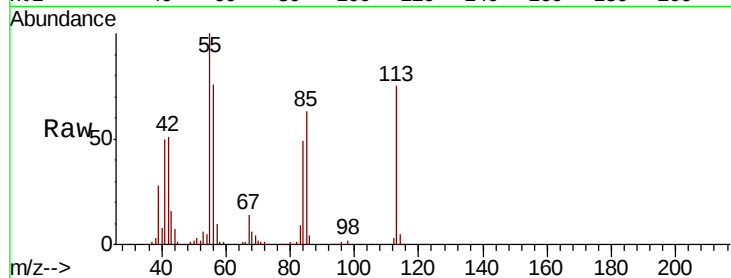
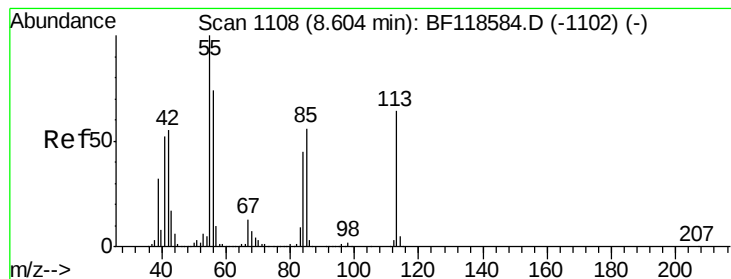
#34
Hexachlorobutadiene
Concen: 36.000 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:225	Resp:	449180
Ion Ratio	Lower	Upper
225	100	
223	63.4	50.3 75.5
227	66.4	50.5 75.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.047 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

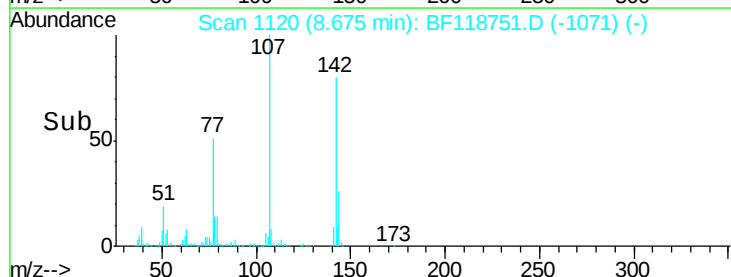
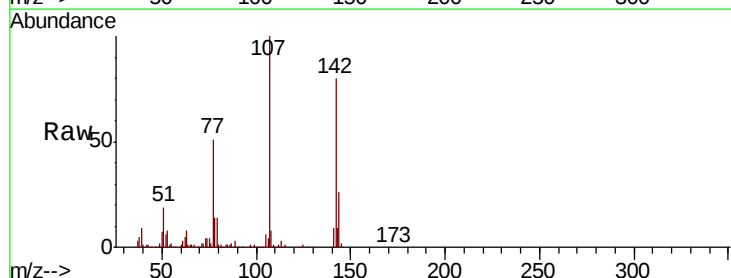
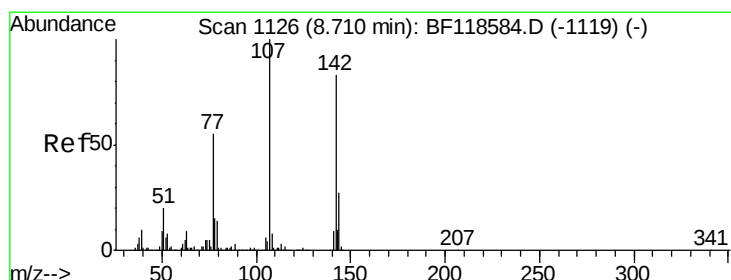
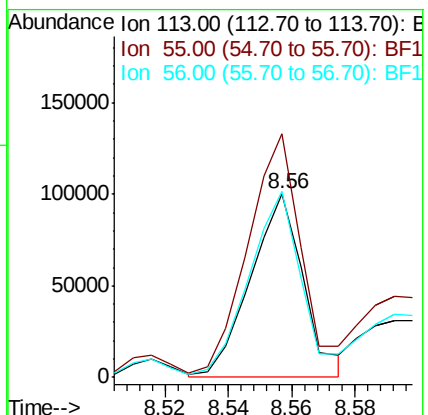
Tot Ion:113 Resp: 115928

Ion Ratio Lower Upper

113 100

55 132.7 119.0 159.0

56 101.1 85.4 125.4



#36

4-Chloro-3-methylphenol

Concen: 40.159 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

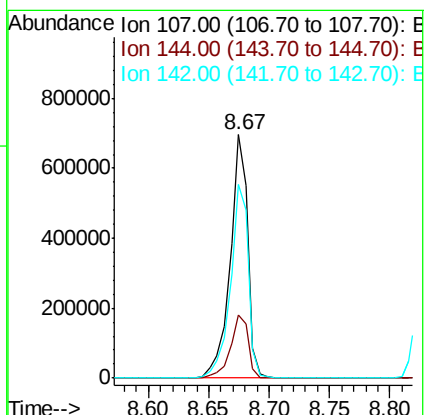
Tgt Ion:107 Resp: 700752

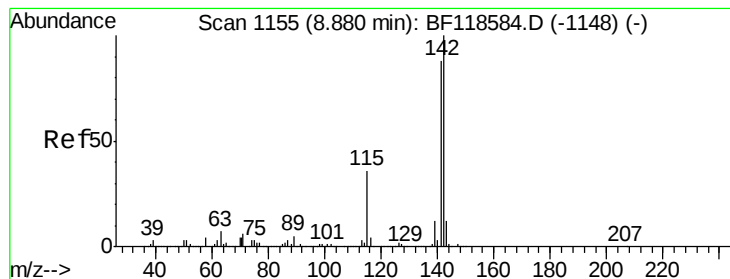
Ion Ratio Lower Upper

107 100

144 26.2 20.9 31.3

142 79.8 64.5 96.7





#37

2-Methylnaphthalene

Concen: 40.952 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

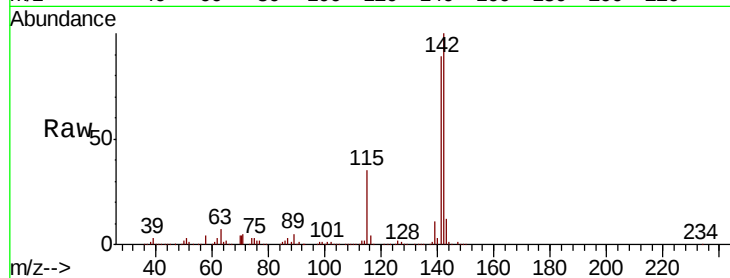
Tot Ion:142 Resp: 1548381

Ion Ratio Lower Upper

142 100

141 88.7 71.4 107.0

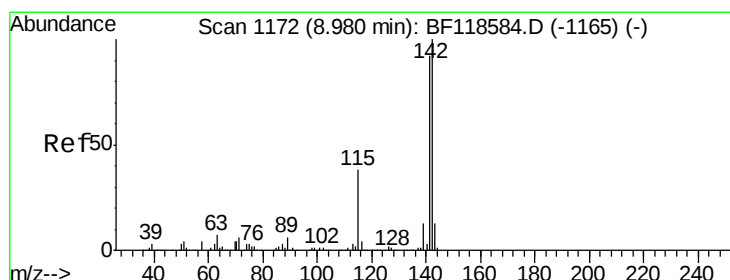
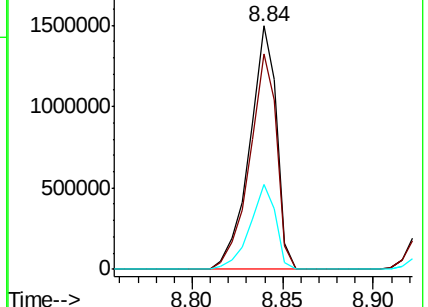
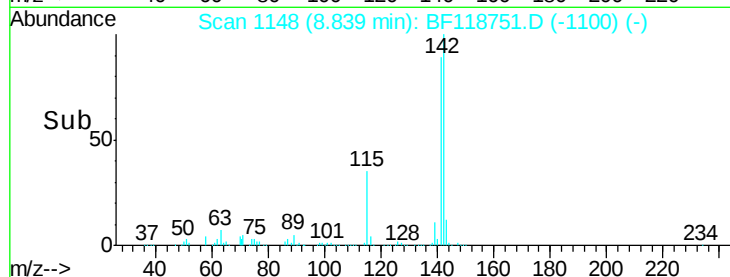
115 35.1 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

2000000 Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.559 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

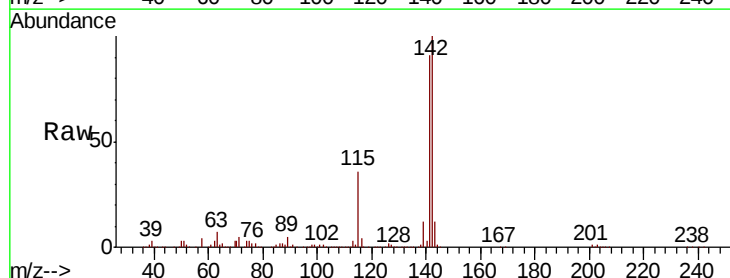
Tgt Ion:142 Resp: 1456923

Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3

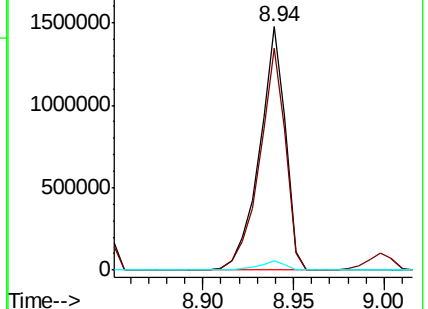
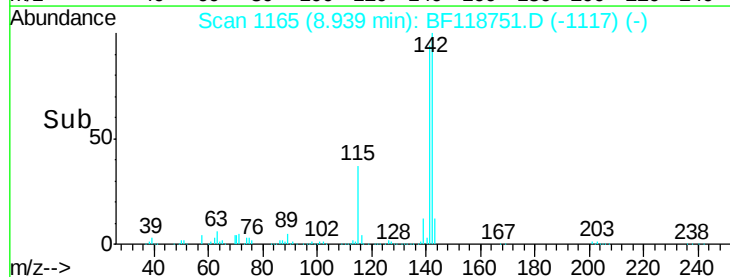
116 3.8 3.0 4.6

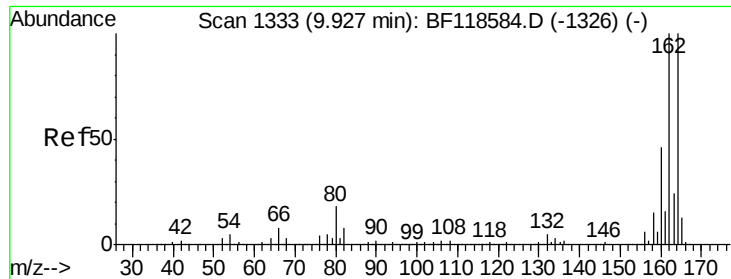


Abundance Ion 142.00 (141.70 to 142.70): E

2000000 Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

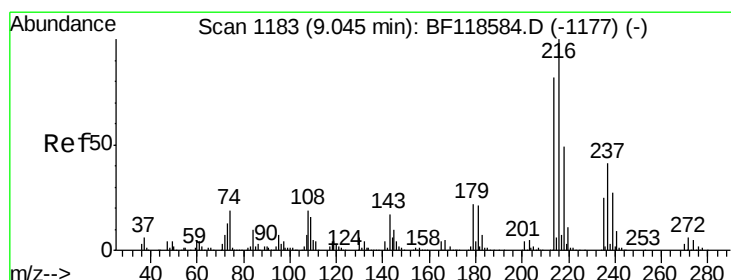
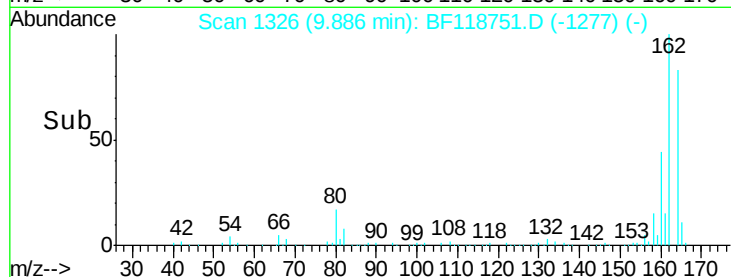
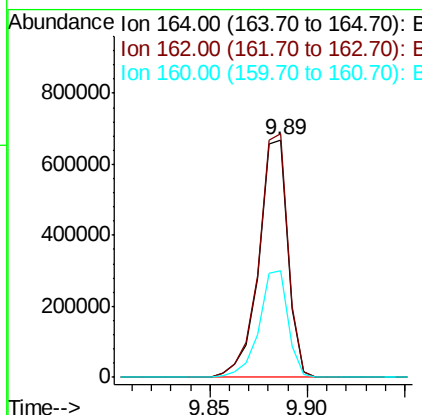
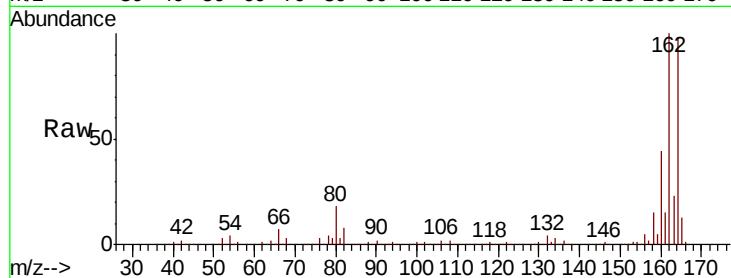




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

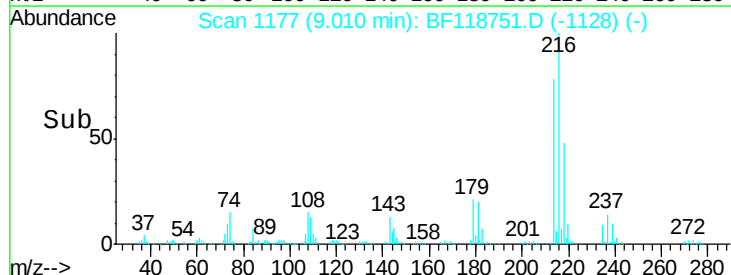
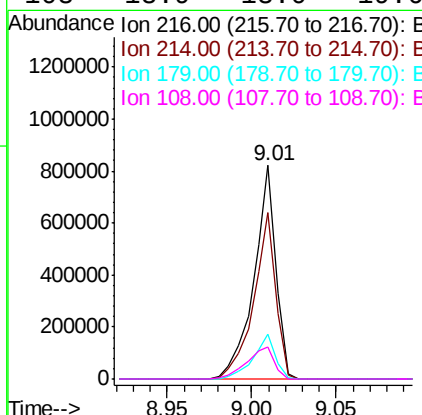
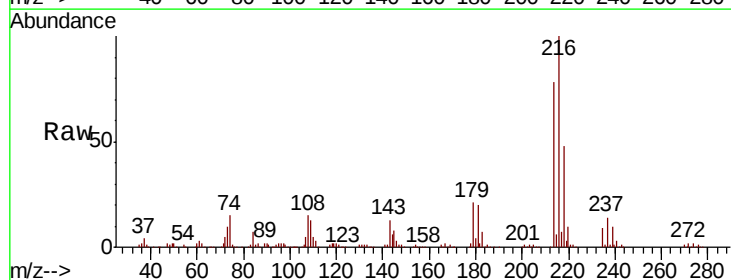
Instrument :
BNA_F
ClientSampleId :

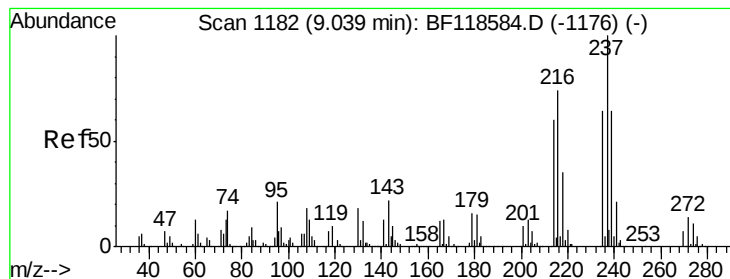
Tot Ion:164 Resp: 689453
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 44.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.597 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:216 Resp: 746338
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.2
179 21.0 17.0 25.4
108 18.9 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 81.171 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

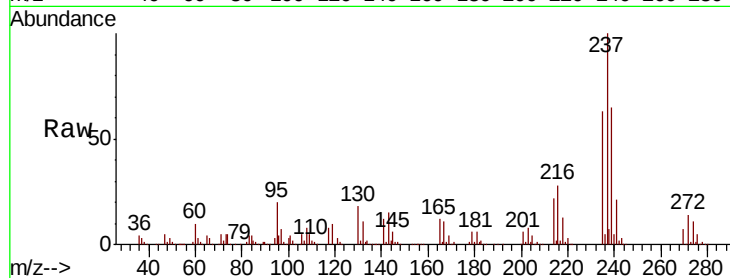
Tot Ion:237 Resp: 883468

Ion Ratio Lower Upper

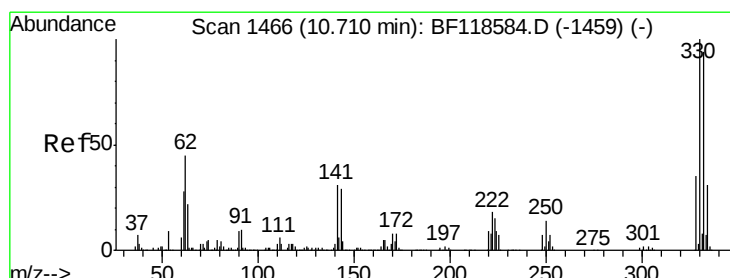
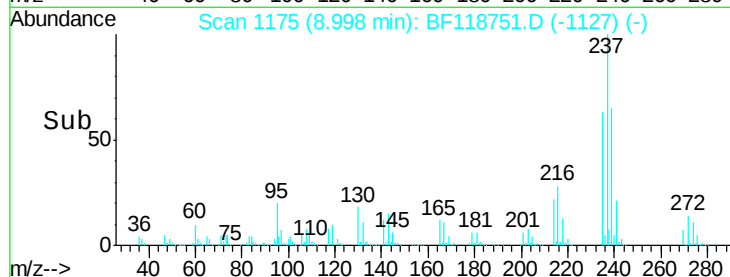
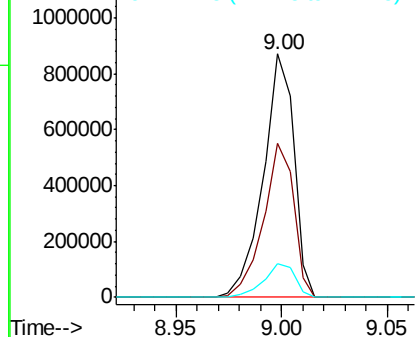
237 100

235 63.3 42.7 82.7

272 13.8 0.0 34.4



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: 108.903 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

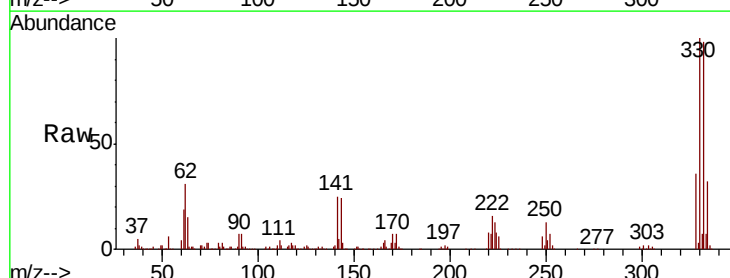
Tgt Ion:330 Resp: 868440

Ion Ratio Lower Upper

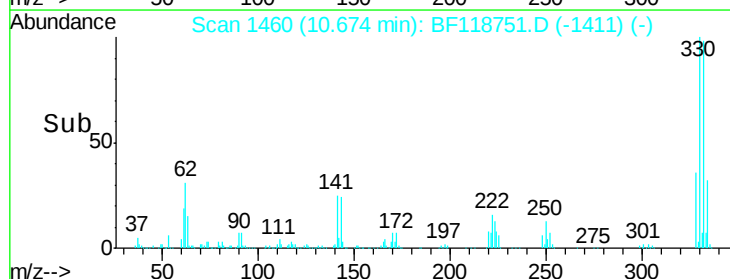
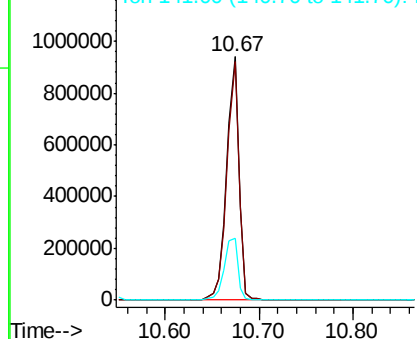
330 100

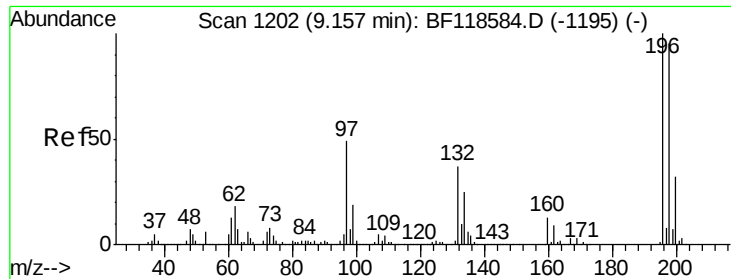
332 97.4 77.6 116.4

141 28.1 22.2 33.2



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

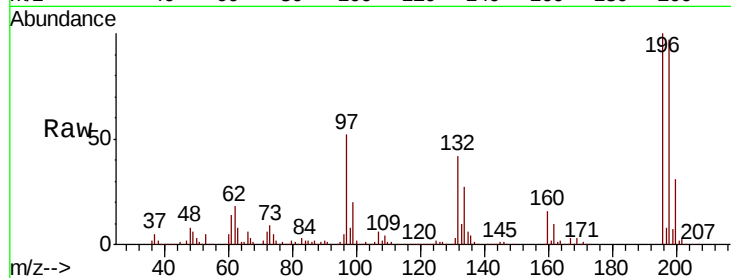




#43
 2,4,6-Trichlorophenol
 Concen: 37.690 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	539537
Ion Ratio	Lower	Upper	
196	100		
198	97.2	76.4	114.6
200	30.8	25.4	38.2

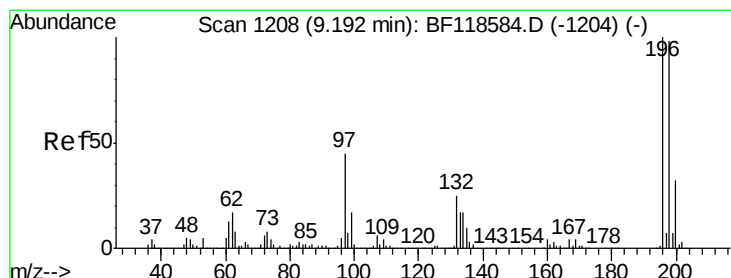
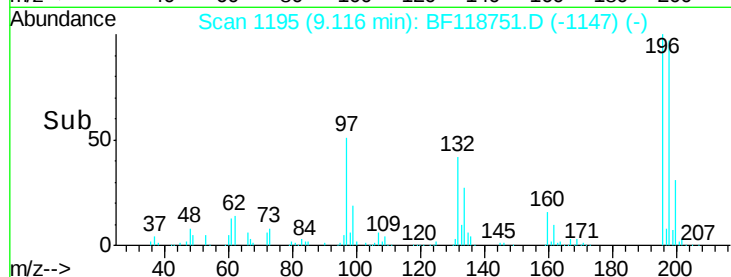
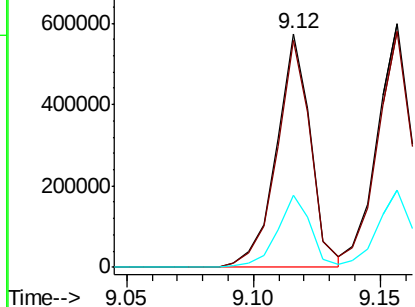


Abundance

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: 38.197 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion	196	Resp	558440
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.2	114.4
97	43.6	35.7	53.5
132	26.5	21.4	32.0

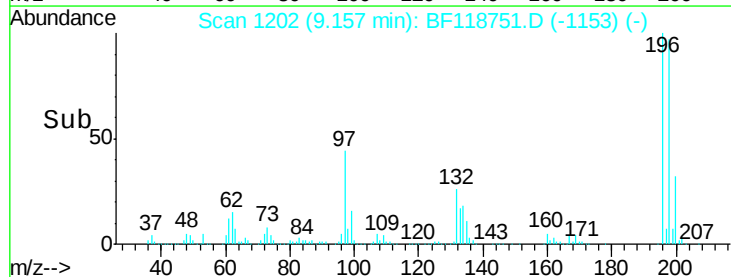
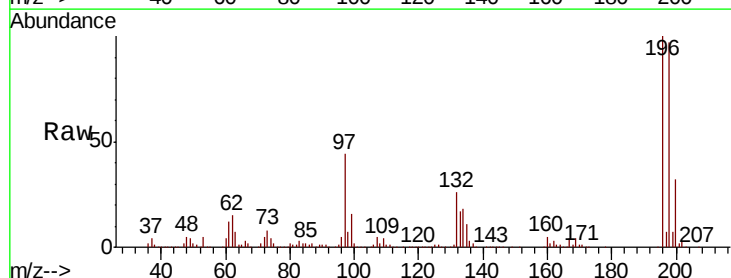
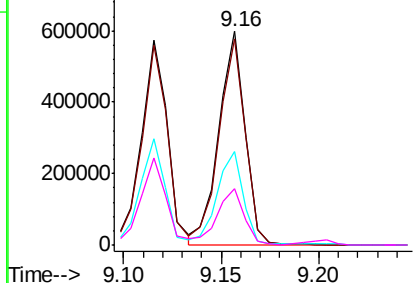
Abundance

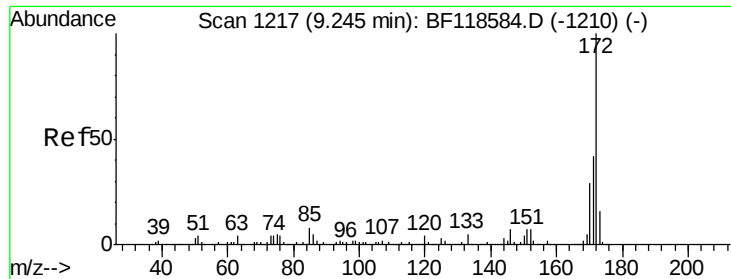
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

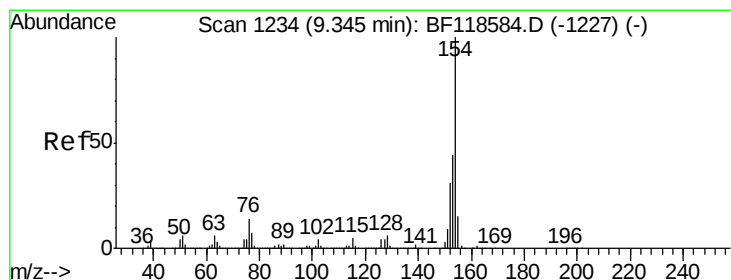
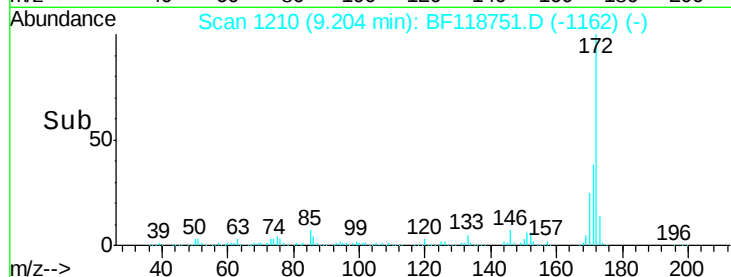
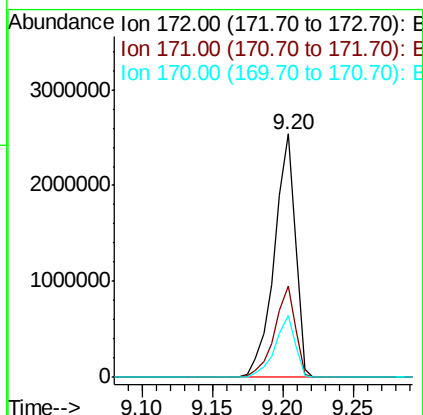
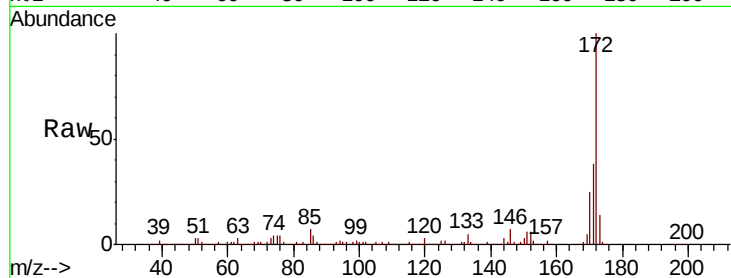




#45
2-Fluorobiphenyl
Concen: 63.629 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

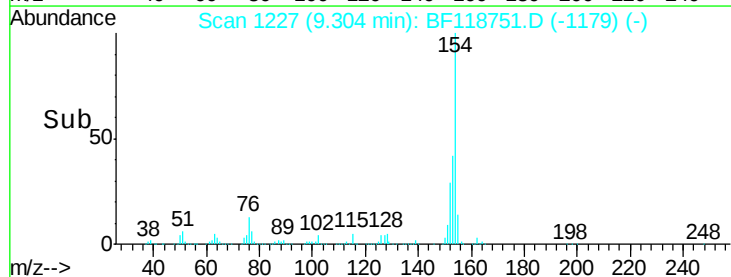
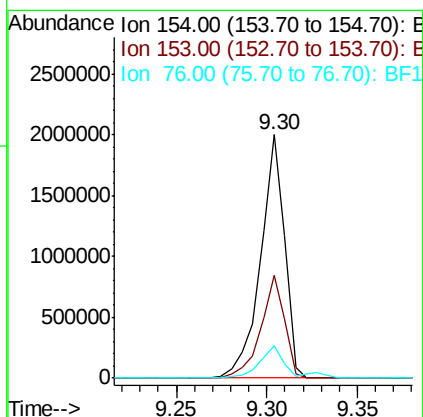
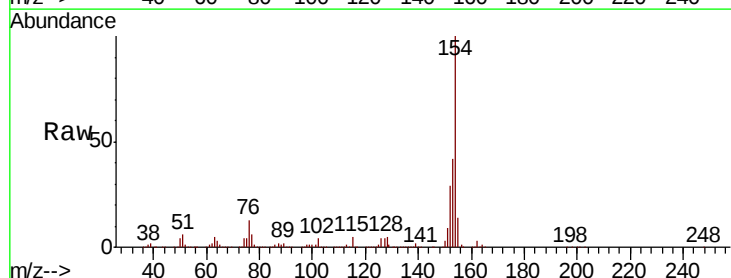
Instrument :
BNA_F
ClientSampleId :

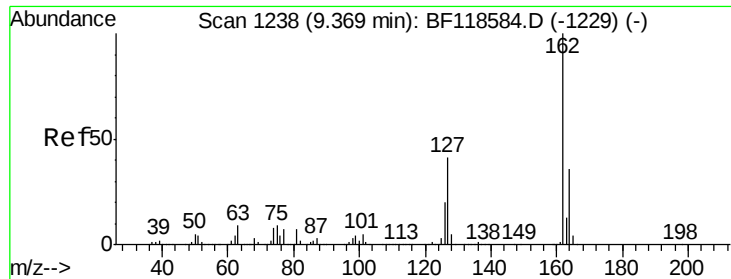
Tot Ion:172 Resp: 2669086
Ion Ratio Lower Upper
172 100
171 37.7 31.0 46.4
170 25.3 20.7 31.1



#46
1,1'-Biphenyl
Concen: 38.797 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:154 Resp: 1843537
Ion Ratio Lower Upper
154 100
153 42.2 22.3 62.3
76 13.1 0.0 32.0

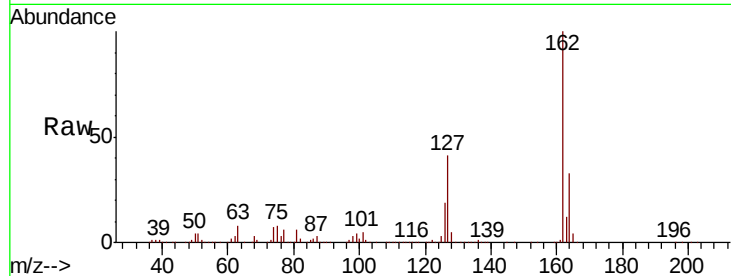




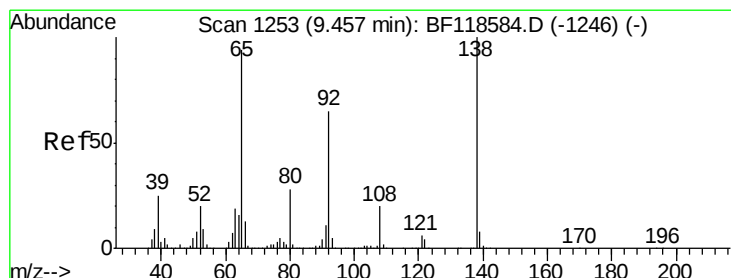
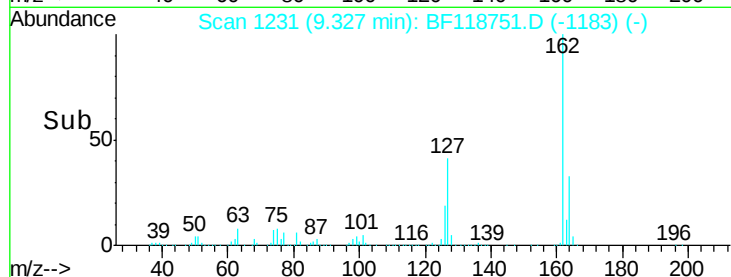
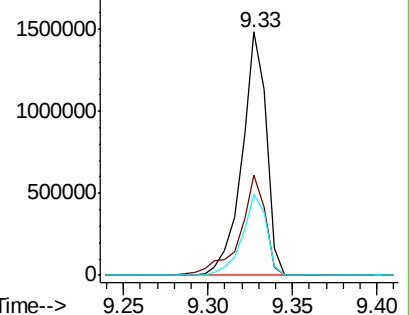
#47
 2-Chloronaphthalene
 Concen: 37.180 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1489080
 Ion Ratio Lower Upper
 162 100
 127 40.9 32.9 49.3
 164 33.4 27.5 41.3

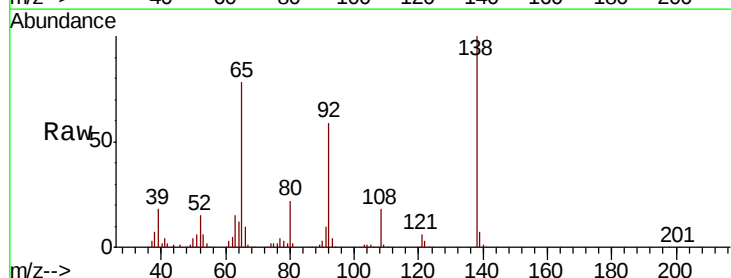


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

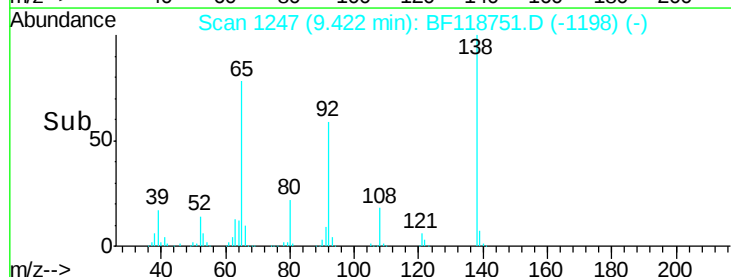
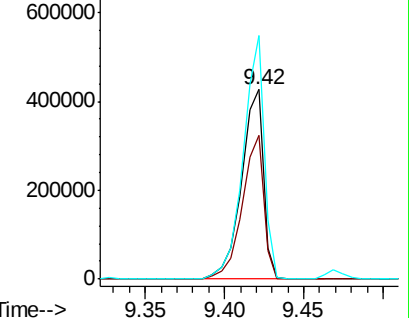


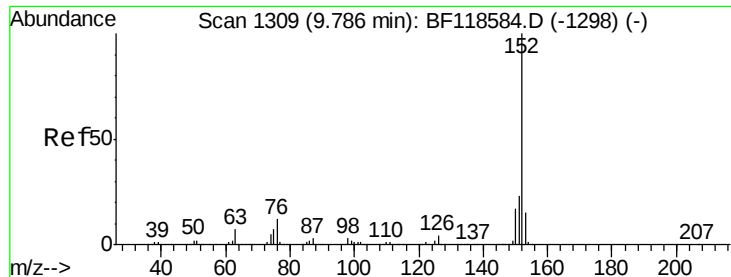
#48
 2-Nitroaniline
 Concen: 33.723 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion: 65 Resp: 415178
 Ion Ratio Lower Upper
 65 100
 92 75.7 57.8 86.6
 138 128.5 95.1 142.7



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: 40.758 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

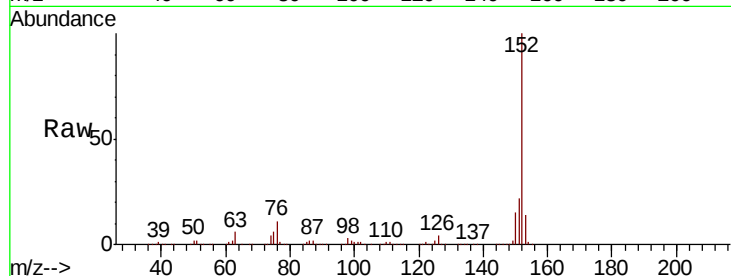
Tot Ion:152 Resp: 2296453

Ion Ratio Lower Upper

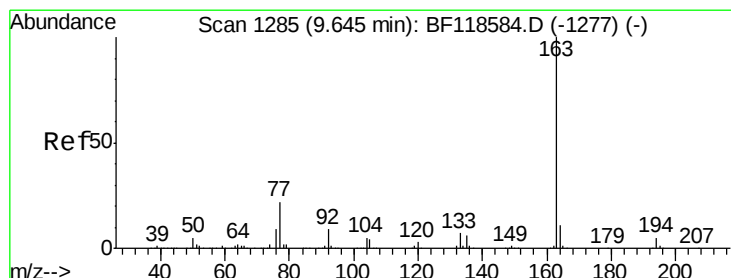
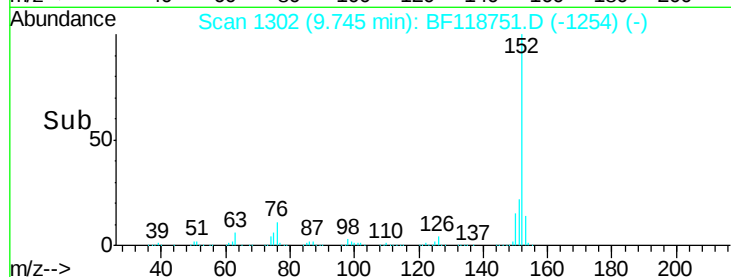
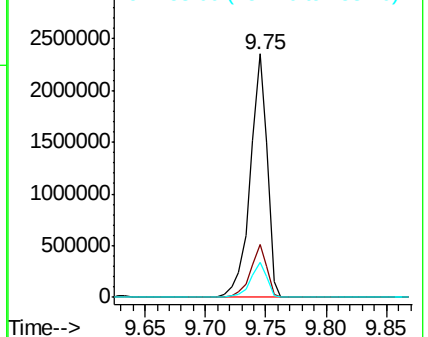
152 100

151 21.8 17.1 25.7

153 14.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.253 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

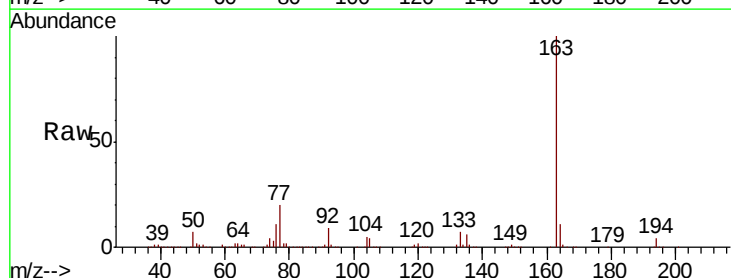
Tgt Ion:163 Resp: 1808123

Ion Ratio Lower Upper

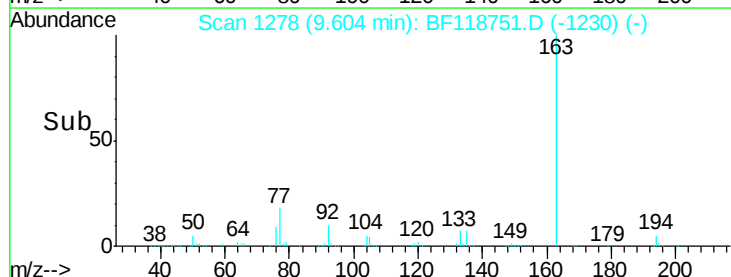
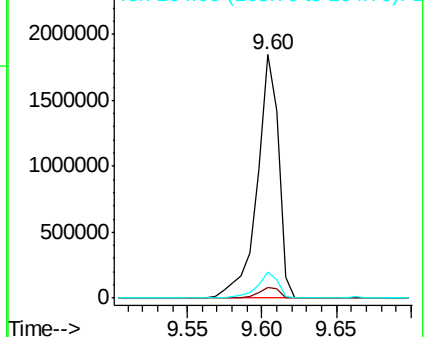
163 100

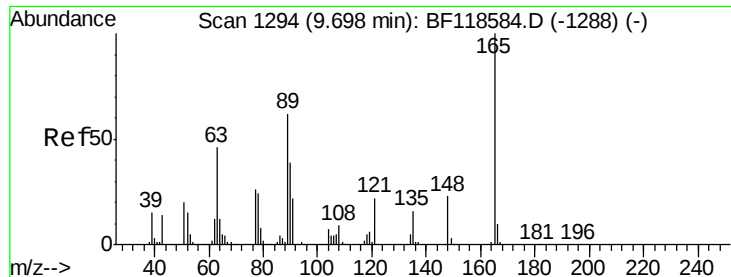
194 4.3 3.7 5.5

164 10.8 8.2 12.2



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

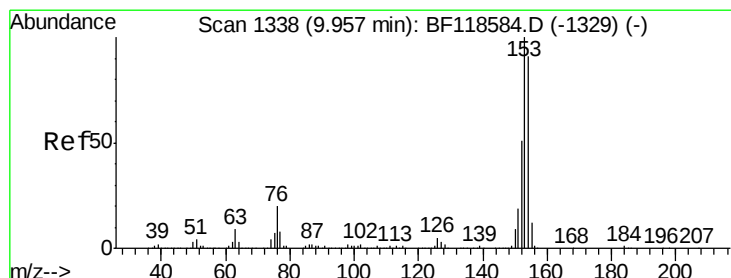
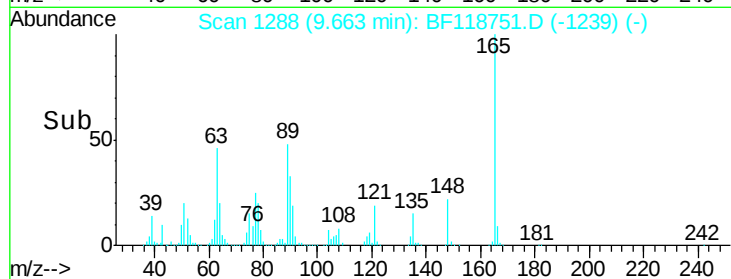
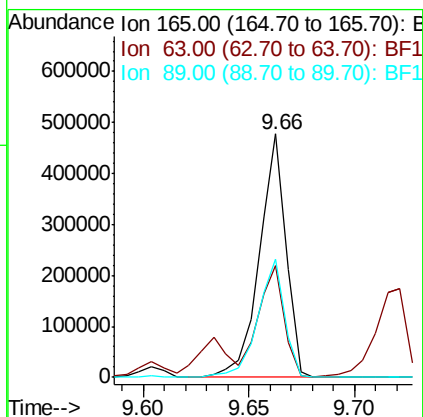
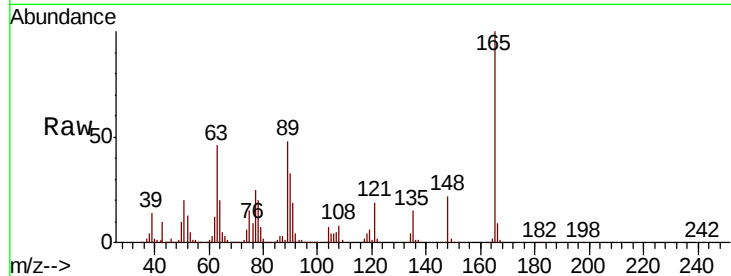




#51
2,6-Dinitrotoluene
Concen: 41.655 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

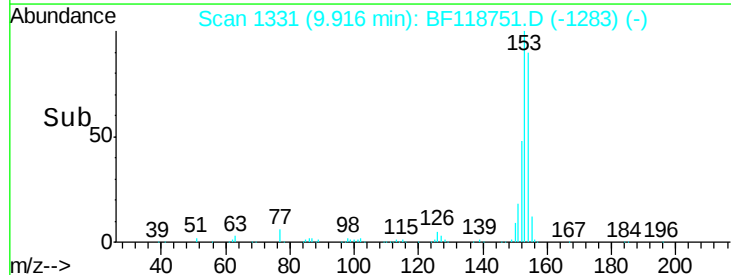
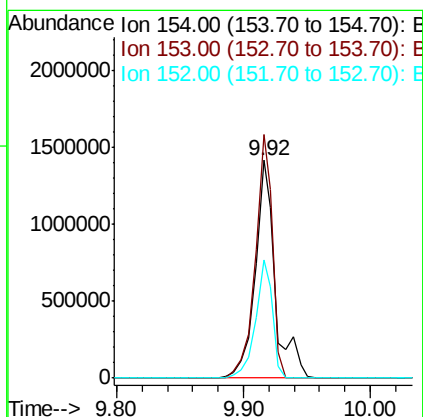
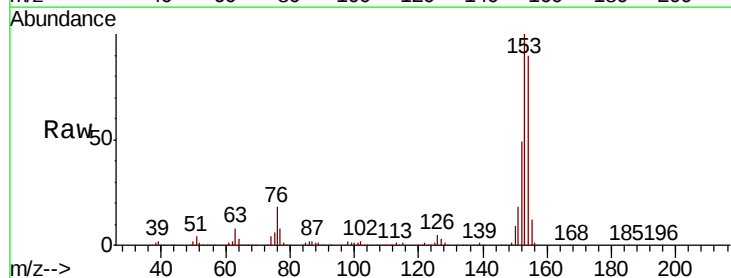
Instrument :
BNA_F
ClientSampleId :

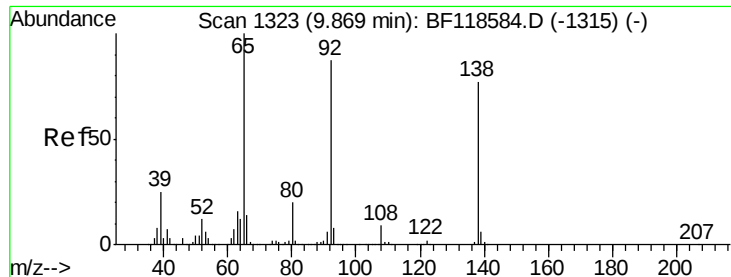
Tot Ion:165 Resp: 418989
Ion Ratio Lower Upper
165 100
63 45.7 39.8 59.6
89 48.5 41.4 62.2



#52
Acenaphthene
Concen: 42.005 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:154 Resp: 1582564
Ion Ratio Lower Upper
154 100
153 111.7 89.1 133.7
152 54.2 43.0 64.6

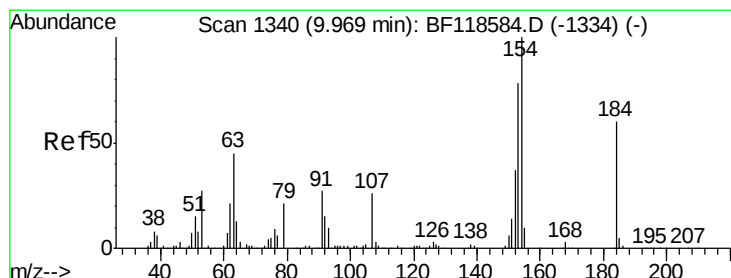
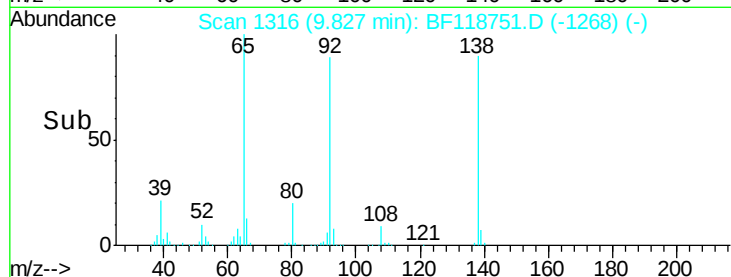
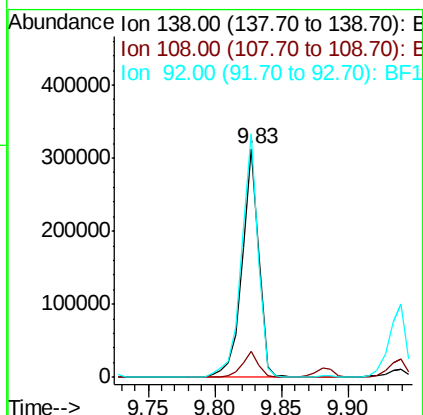
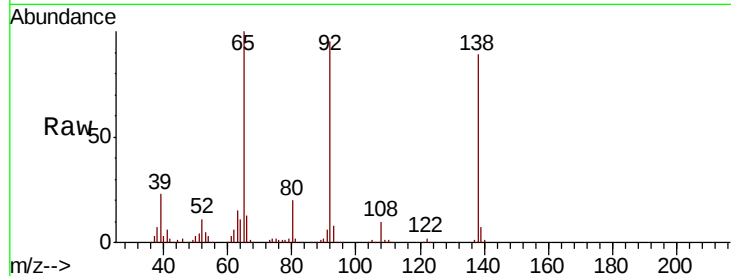




#53
3-Nitroaniline
Concen: 23.740 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

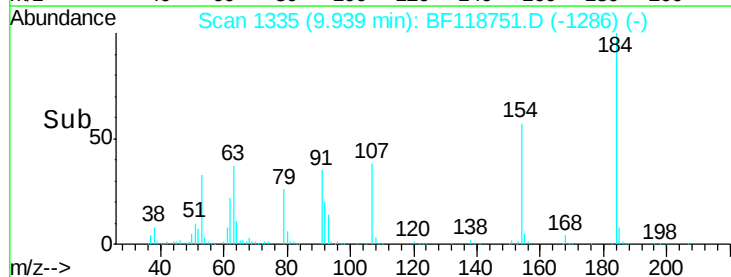
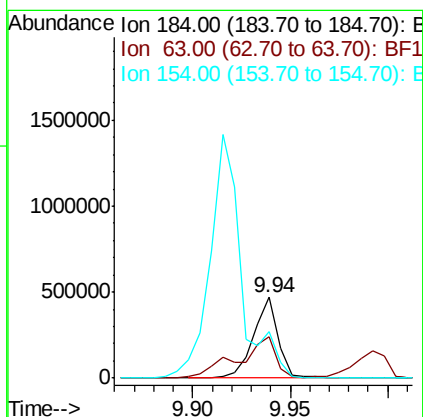
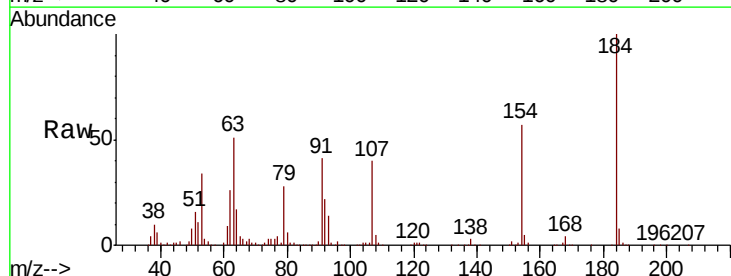
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 272662
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 106.6 87.8 131.6



#54
2,4-Dinitrophenol
Concen: 101.558 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:184 Resp: 407820
Ion Ratio Lower Upper
184 100
63 51.5 36.0 54.0
154 57.5 44.6 66.8

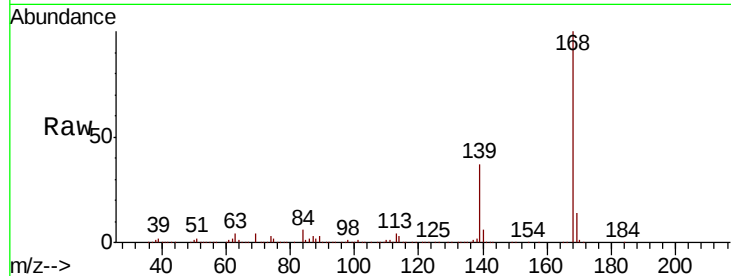




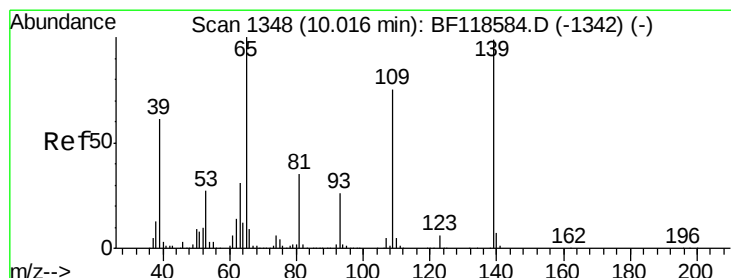
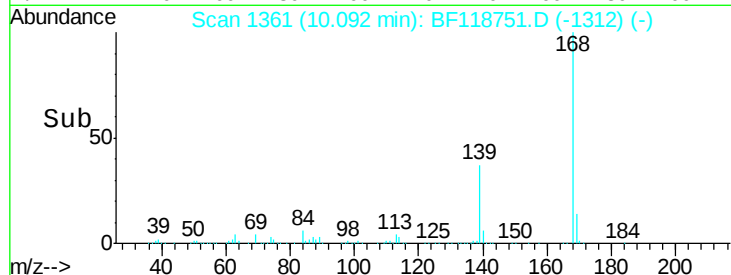
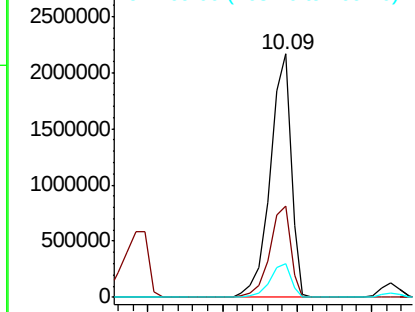
#55
Dibenzofuran
Concen: 40.157 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2096667
Ion Ratio Lower Upper
168 100
139 37.5 31.6 47.4
169 14.0 11.4 17.0

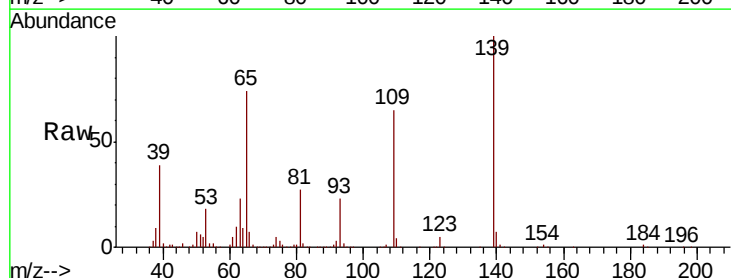


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

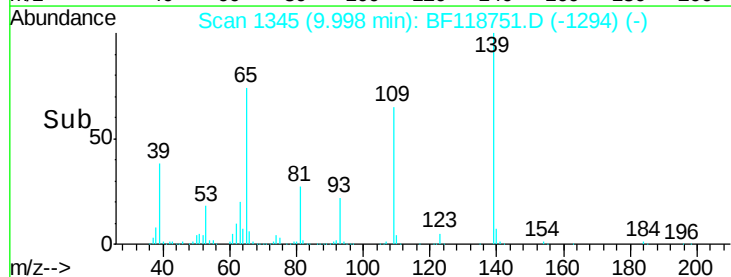
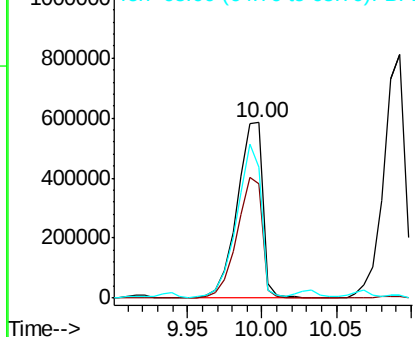


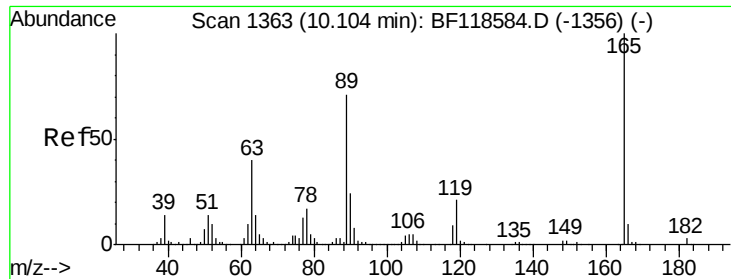
#56
4-Nitrophenol
Concen: 81.176 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:139 Resp: 703833
Ion Ratio Lower Upper
139 100
109 65.0 47.0 87.0
65 74.4 65.7 105.7



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

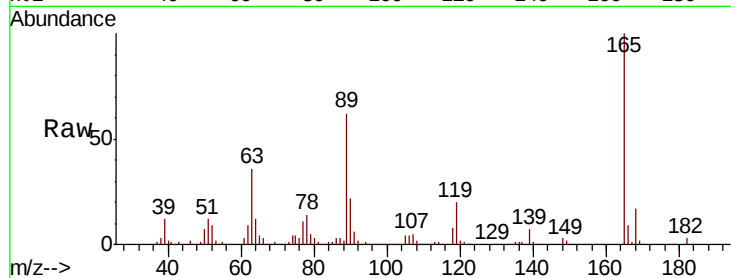




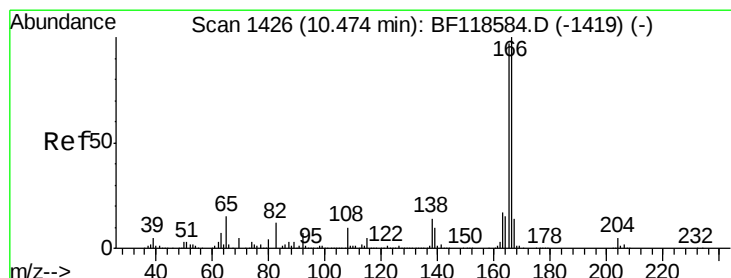
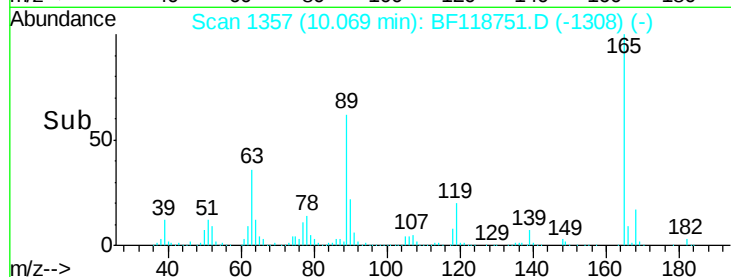
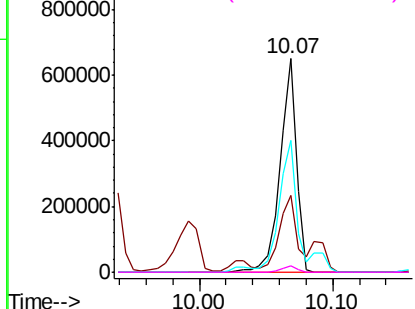
#57
2,4-Dinitrotoluene
Concen: 44.699 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	566792
Ion Ratio	Lower	Upper
165	100	
63	35.9	28.5 42.7
89	61.9	50.4 75.6
182	3.0	2.3 3.5

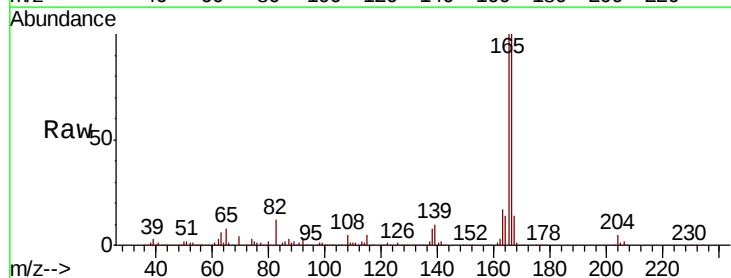


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

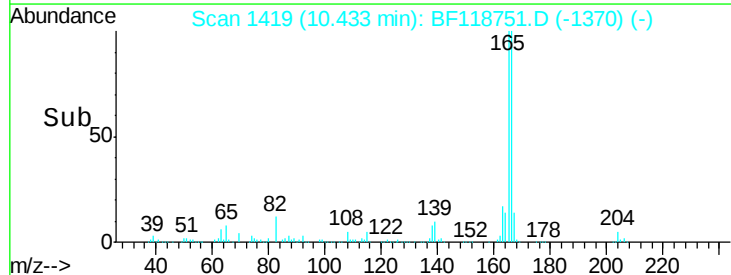
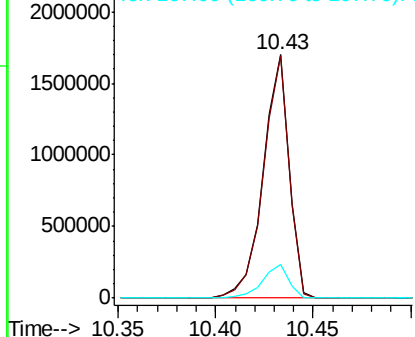


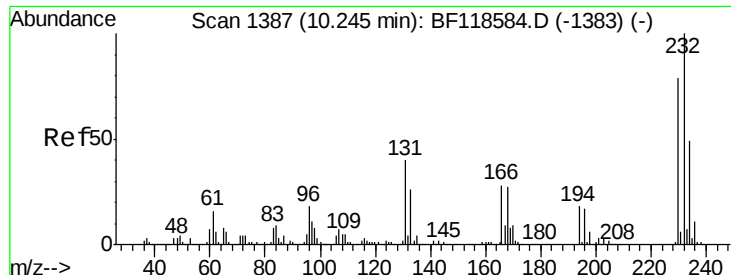
#58
Fluorene
Concen: 38.265 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:166	Resp:	1568432
Ion Ratio	Lower	Upper
166	100	
165	99.5	78.6 118.0
167	13.9	11.4 17.2



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

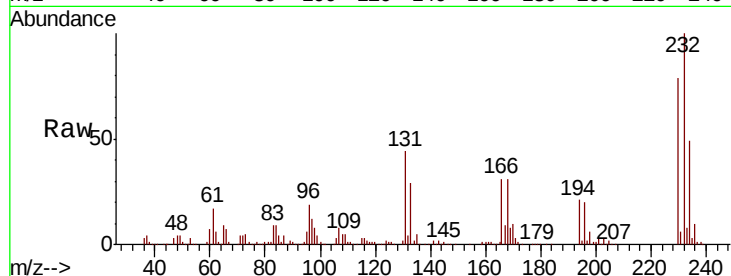




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.828 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	31.8	47.6
130	2.0	1.5	2.3
166	28.6	22.8	34.2



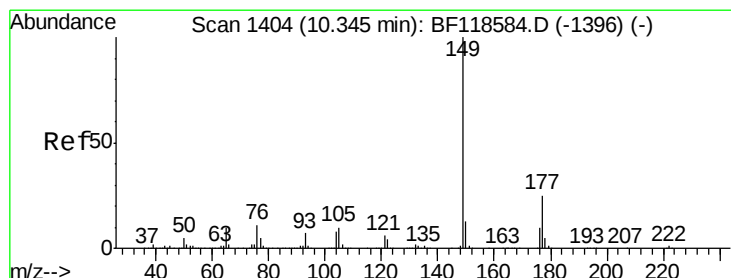
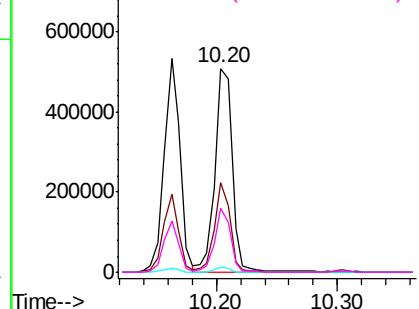
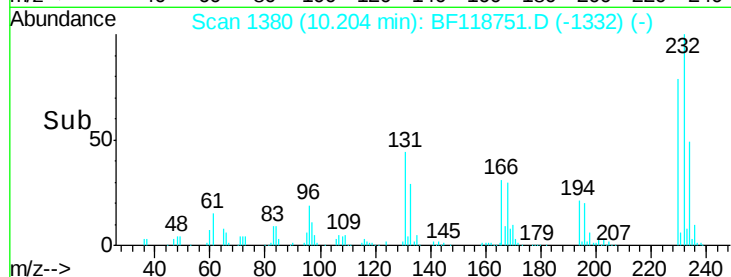
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

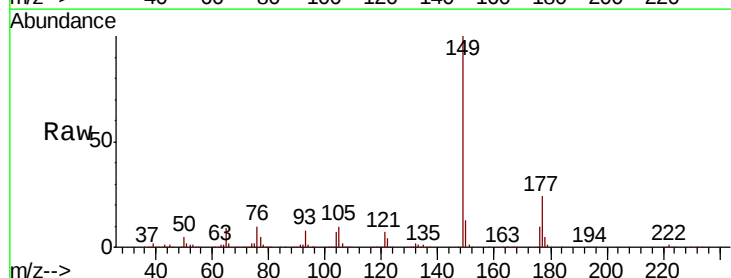
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.120 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	13.4	10.5	15.7

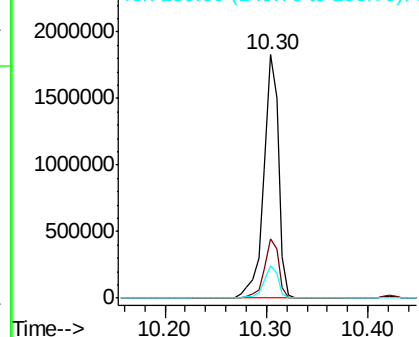
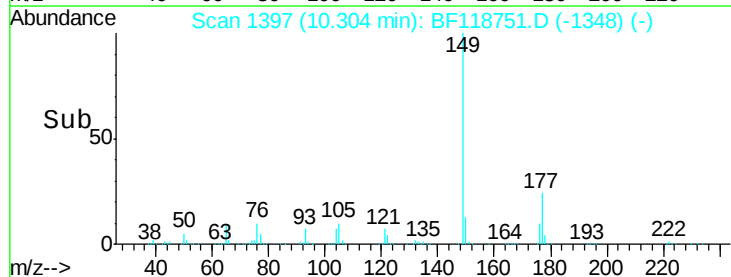


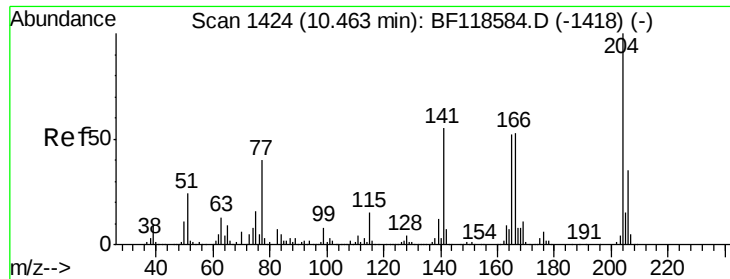
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

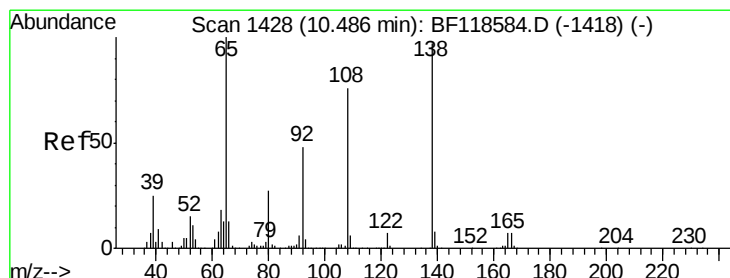
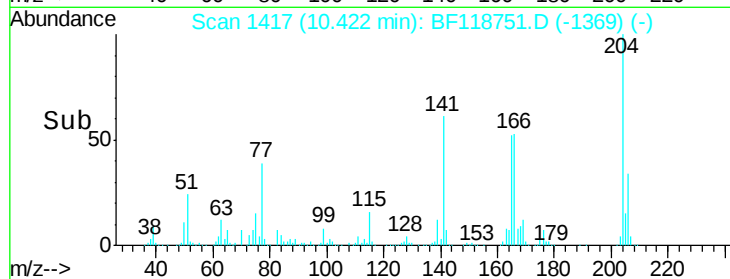
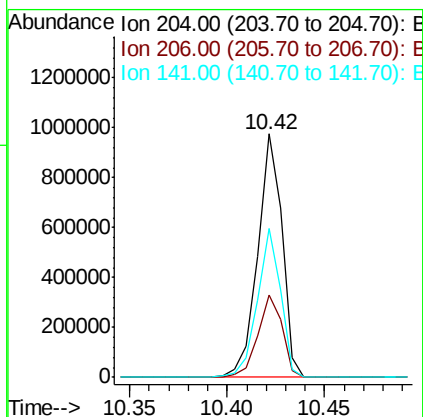
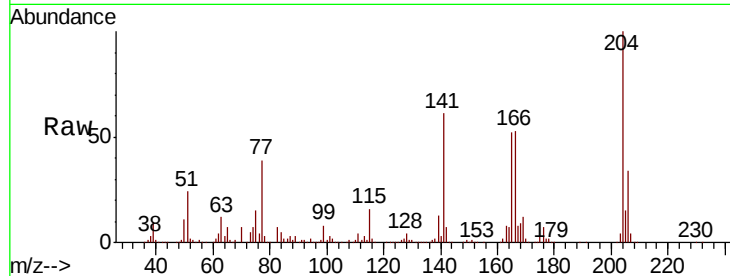




#61
 4-Chlorophenyl-phenylether
 Concen: 37.862 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

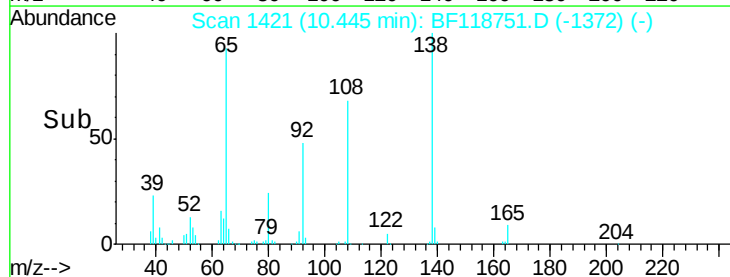
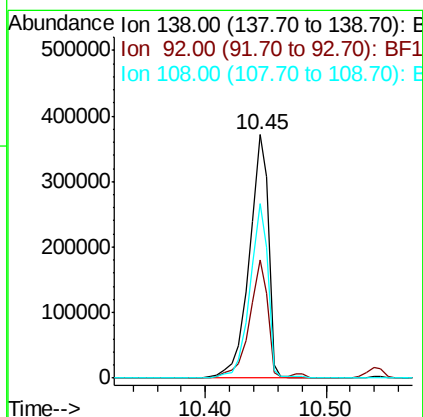
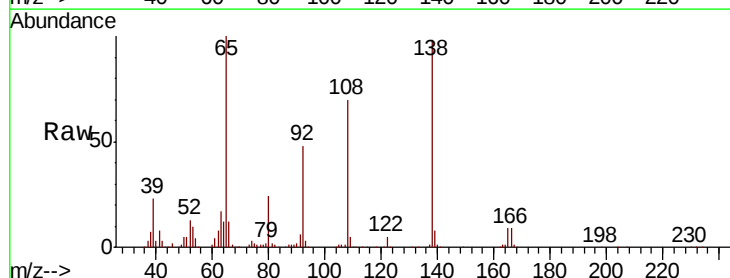
Instrument :
 BNA_F
 ClientSampled :

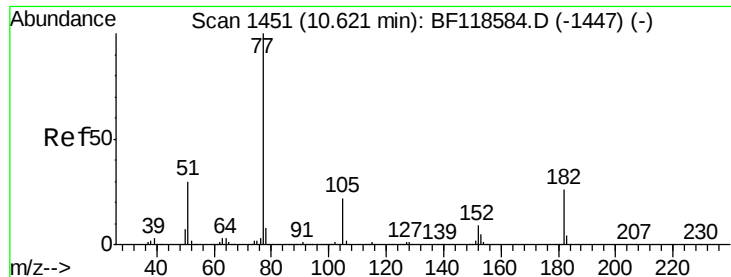
Tot Ion:204 Resp: 844053
 Ion Ratio Lower Upper
 204 100
 206 33.7 27.0 40.6
 141 61.3 43.9 65.9



#62
 4-Nitroaniline
 Concen: 35.023 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion:138 Resp: 412613
 Ion Ratio Lower Upper
 138 100
 92 48.6 29.2 69.2
 108 71.5 50.8 90.8





#63

Azobenzene

Concen: 37.059 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1563095

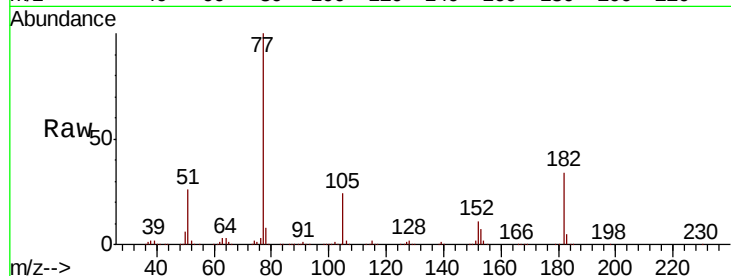
Ion Ratio Lower Upper

77 100

182 34.4 12.3 52.3

105 24.0 4.0 44.0

51 26.3 7.2 47.2

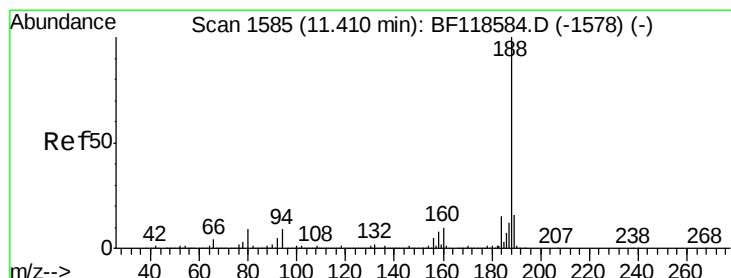
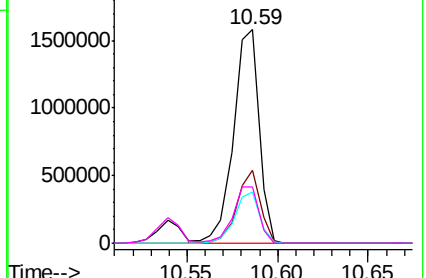
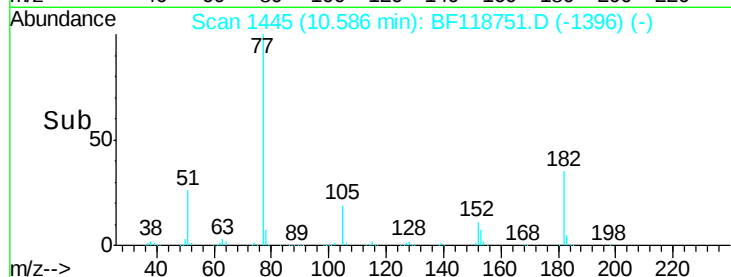


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

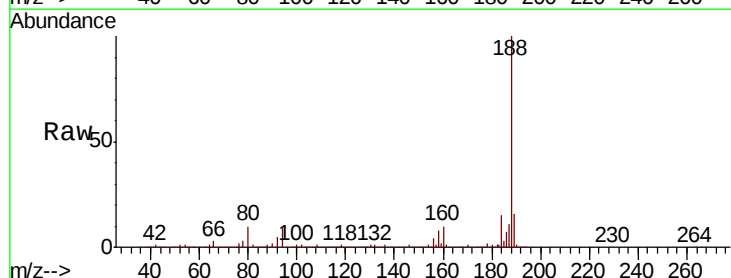
Tgt Ion: 188 Resp: 1315171

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

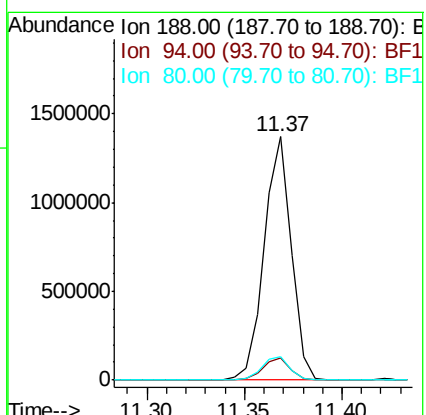
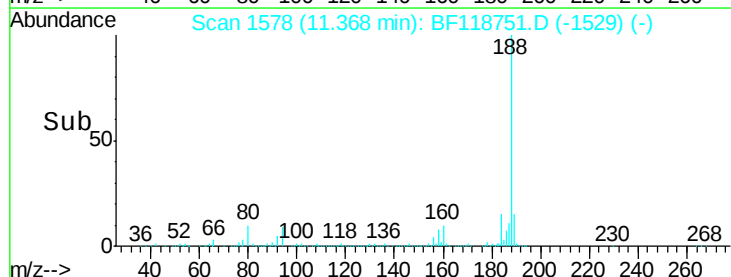
80 9.6 7.8 11.8

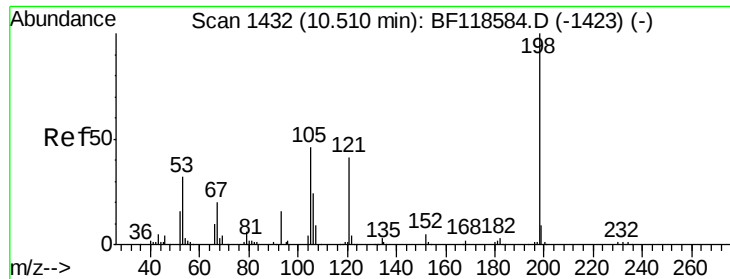


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

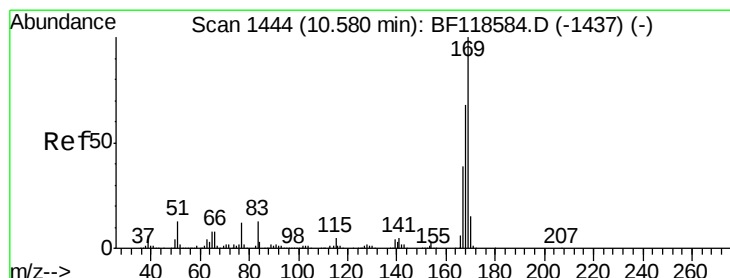
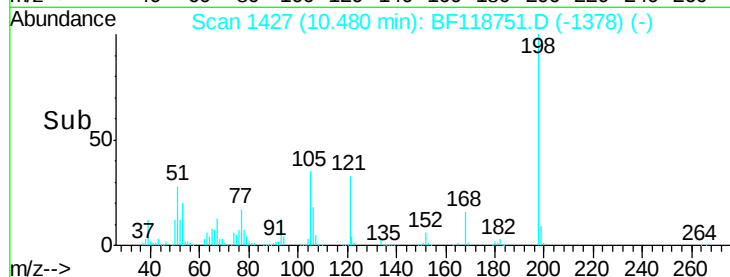
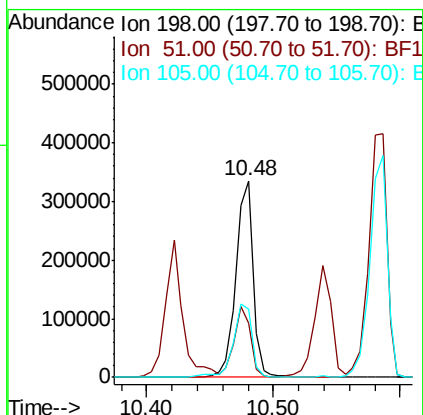
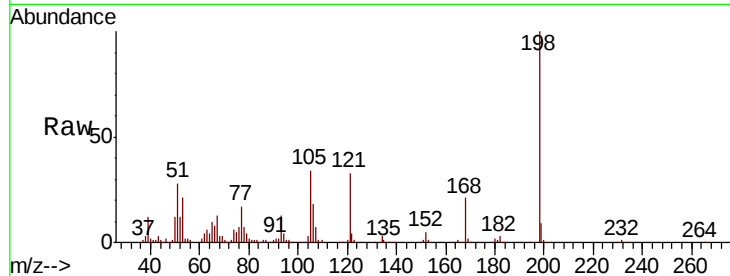




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.049 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

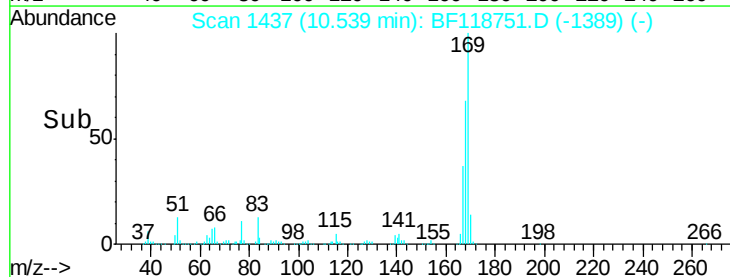
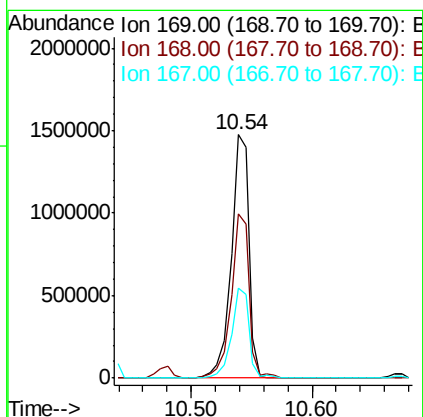
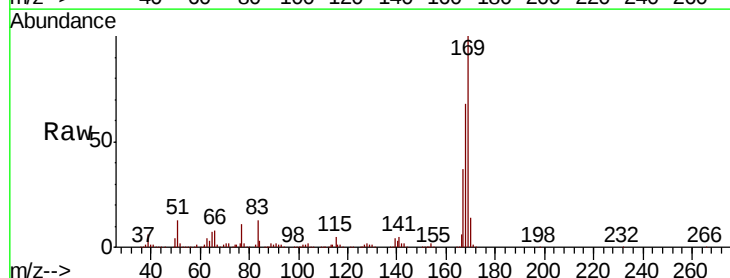
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	198	Resp	312575
Ion Ratio	100	Lower	Upper
51	27.7	9.6	49.6
105	34.4	15.5	55.5



#66
 n-Nitrosodiphenylamine
 Concen: 37.819 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF118751.D
 Acq: 30 Jan 2020 15:09

Tgt Ion	169	Resp	1499987
Ion Ratio	100	Lower	Upper
168	67.7	53.4	80.0
167	37.2	29.2	43.8

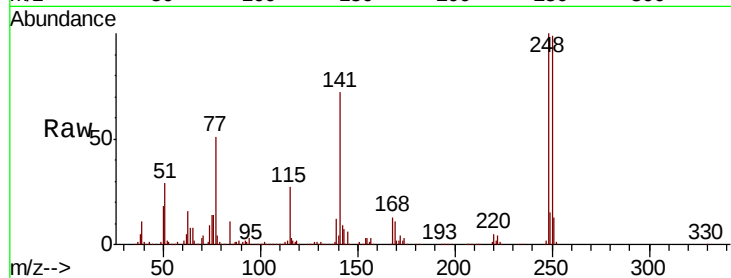




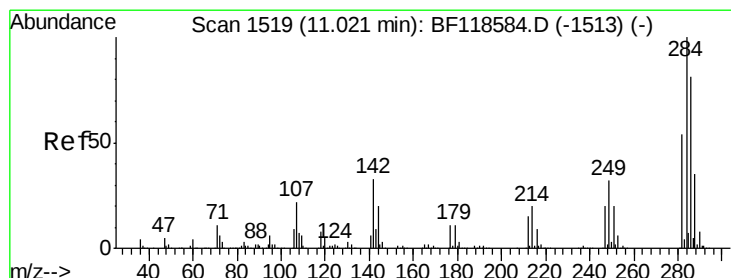
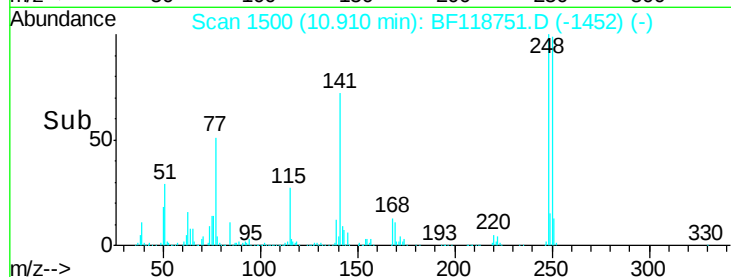
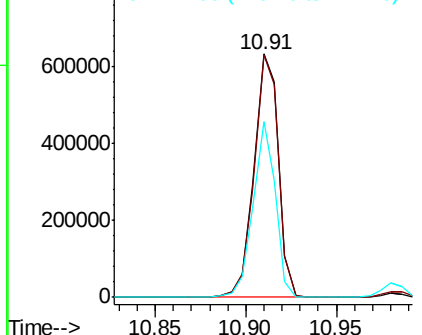
#67
4-Bromophenyl-phenylether
Concen: 36.362 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 590829
Ion Ratio Lower Upper
248 100
250 99.3 78.7 118.1
141 72.0 48.4 72.6

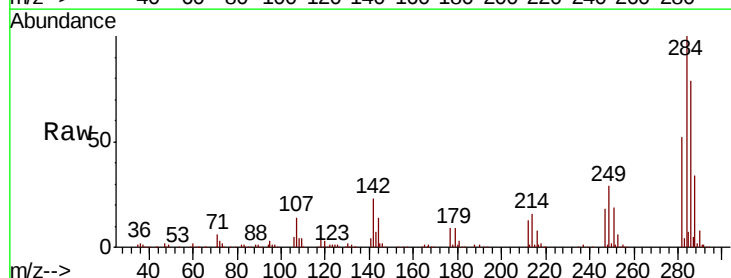


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

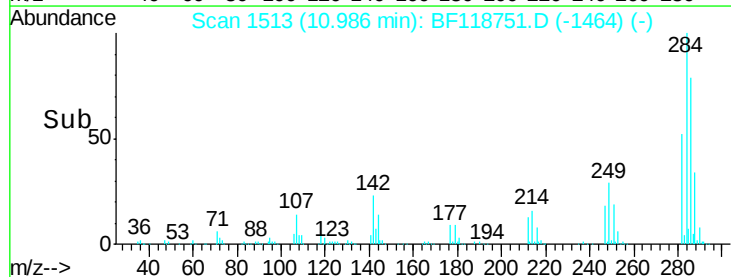
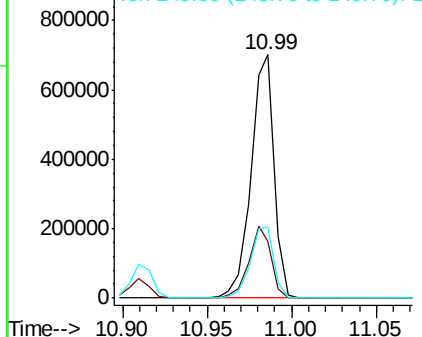


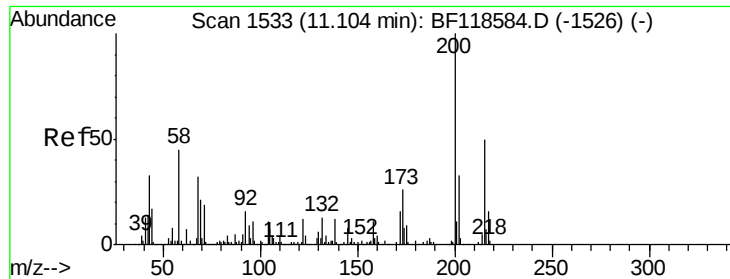
#68
Hexachlorobenzene
Concen: 36.282 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:284 Resp: 668371
Ion Ratio Lower Upper
284 100
142 23.3 23.1 34.7
249 29.2 24.0 36.0



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

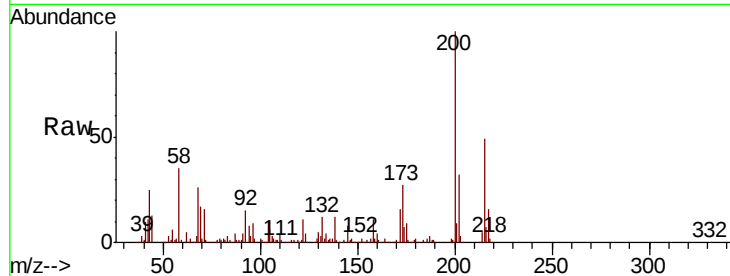




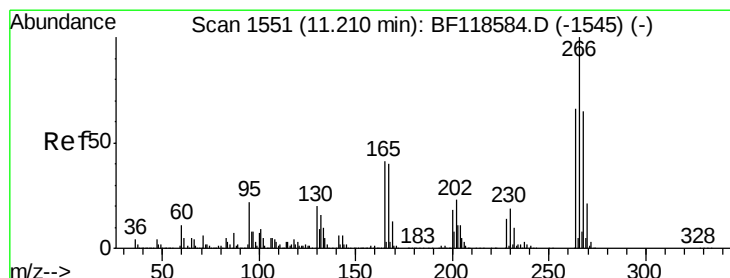
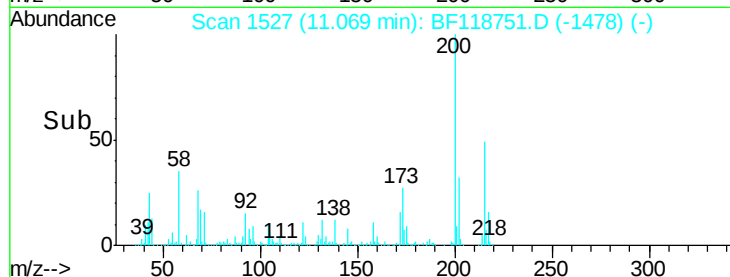
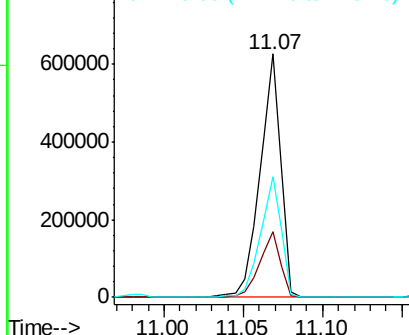
#69
Atrazine
Concen: 41.715 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.8	46.8
215	49.5	30.4	70.4

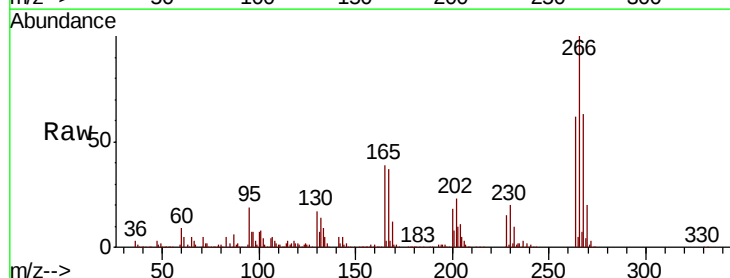


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

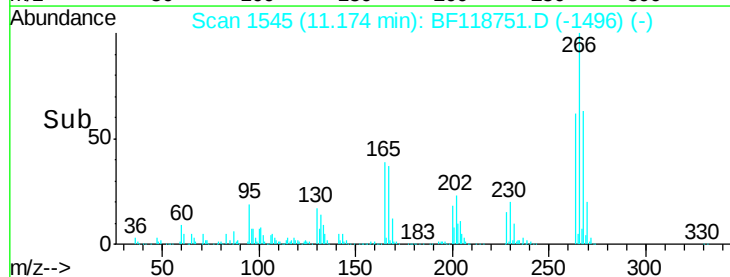
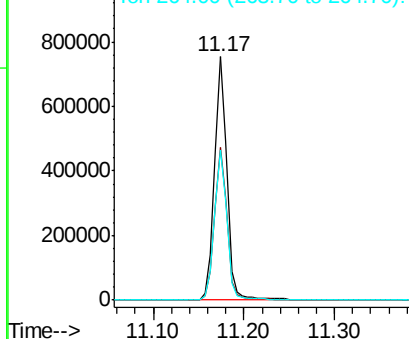


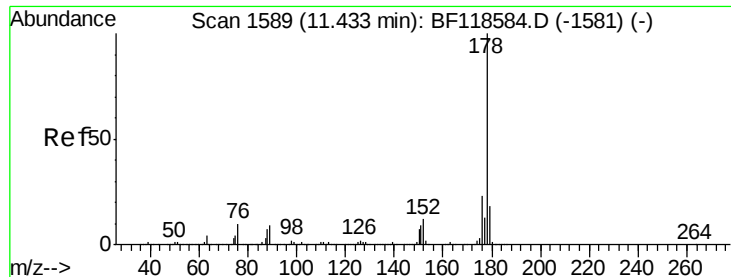
#70
Pentachlorophenol
Concen: 71.429 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.6	77.4
264	61.8	50.9	76.3



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

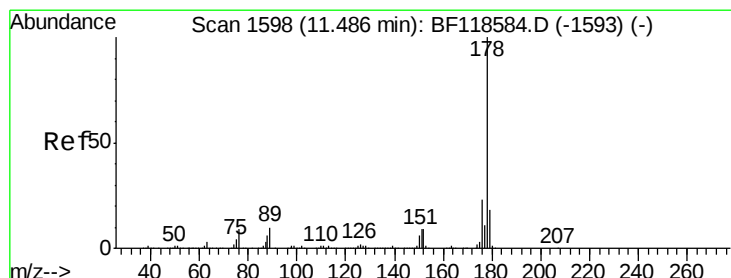
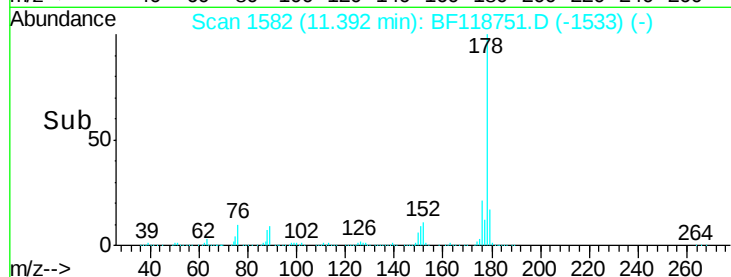
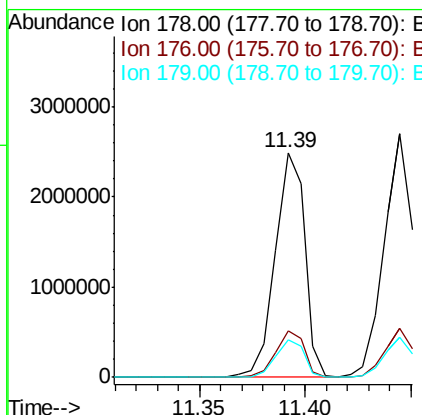
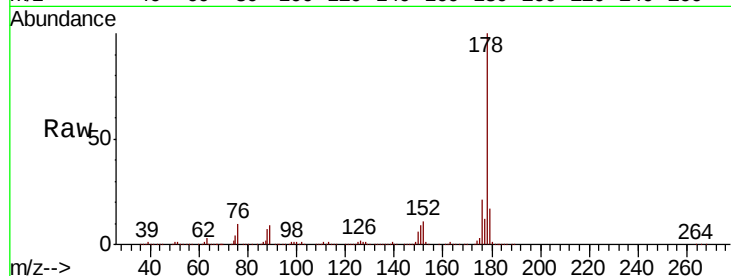




#71
Phenanthrene
Concen: 38.409 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

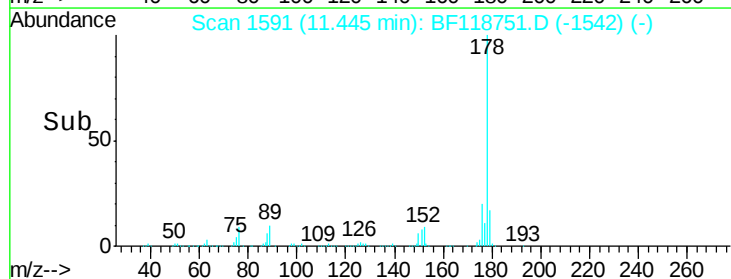
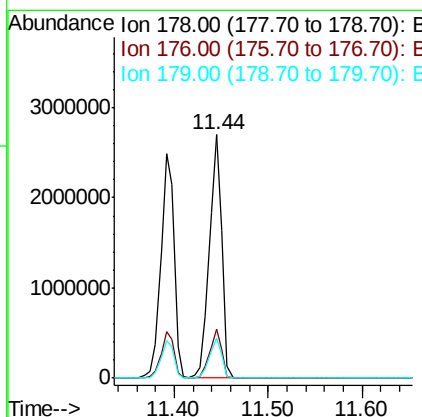
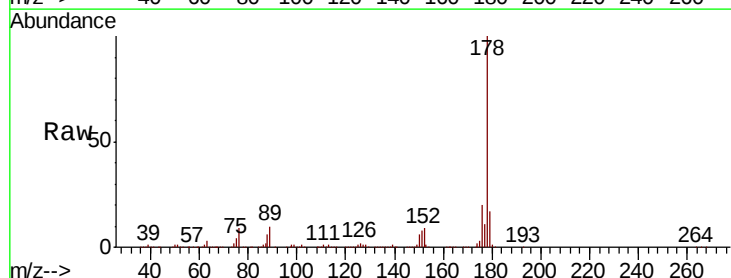
Instrument :
BNA_F
ClientSampleId :

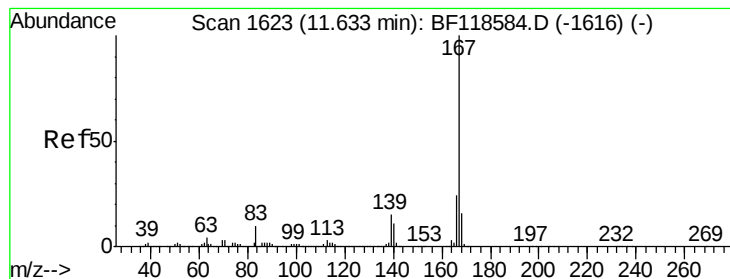
Tot Ion:178 Resp: 2437015
Ion Ratio Lower Upper
178 100
176 20.5 16.5 24.7
179 16.6 13.3 19.9



#72
Anthracene
Concen: 40.413 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:178 Resp: 2537227
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.6 13.3 19.9





#73

Carbazole

Concen: 38.328 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

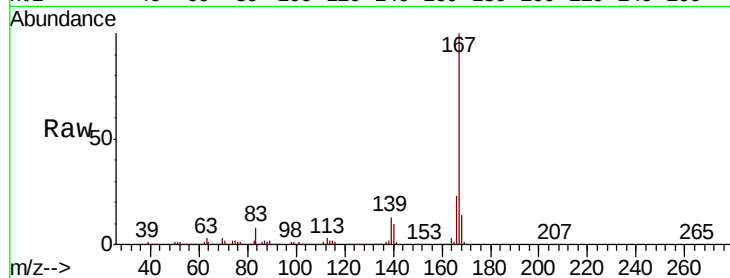
Tot Ion:167 Resp: 2207186

Ion Ratio Lower Upper

167 100

166 22.9 18.3 27.5

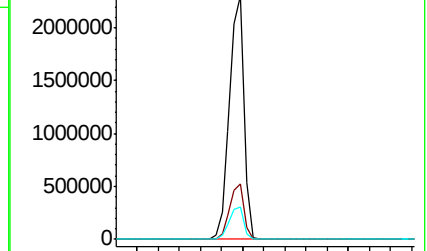
139 13.2 11.0 16.4



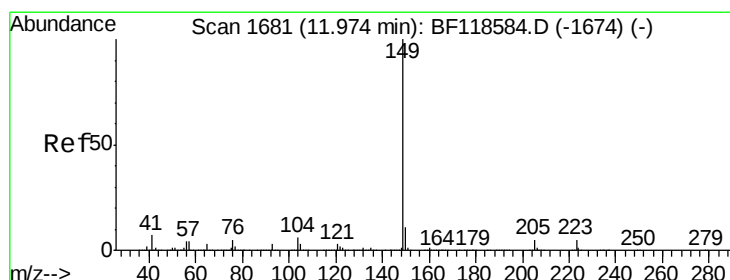
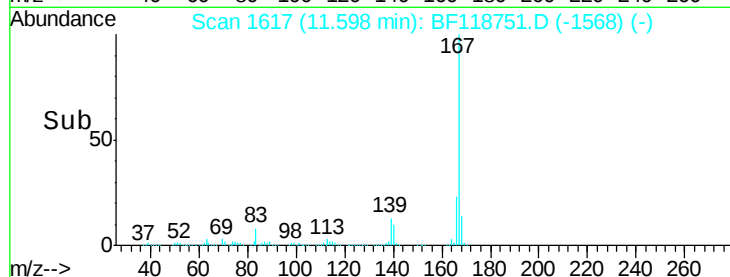
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 43.069 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

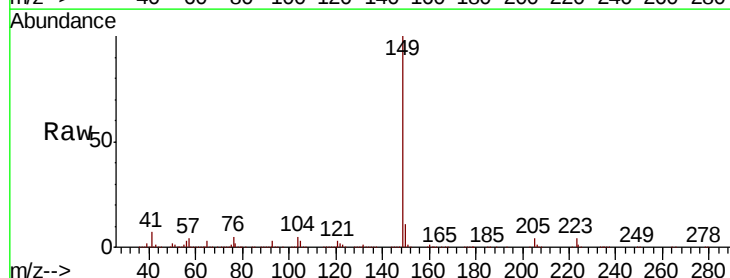
Tgt Ion:149 Resp: 2755549

Ion Ratio Lower Upper

149 100

150 10.6 8.2 12.2

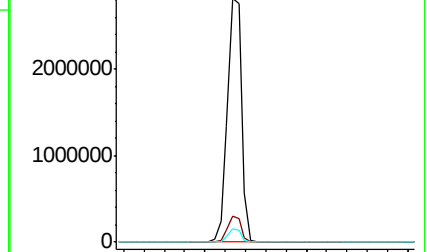
104 5.4 4.2 6.4



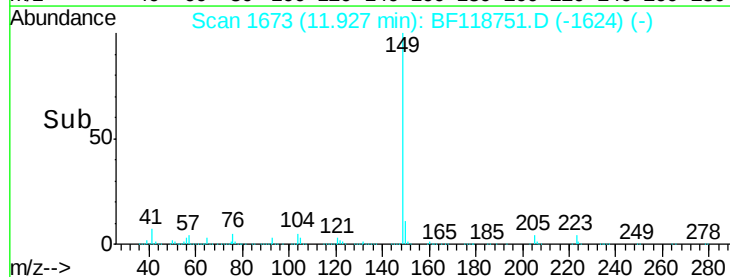
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 39.700 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

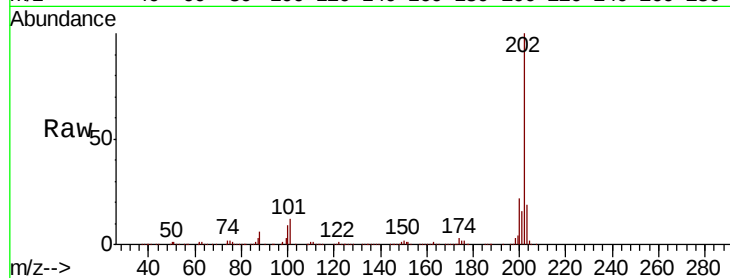
Tot Ion:202 Resp: 2656787

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.1

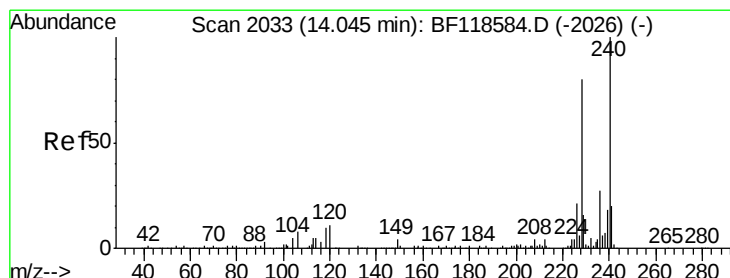
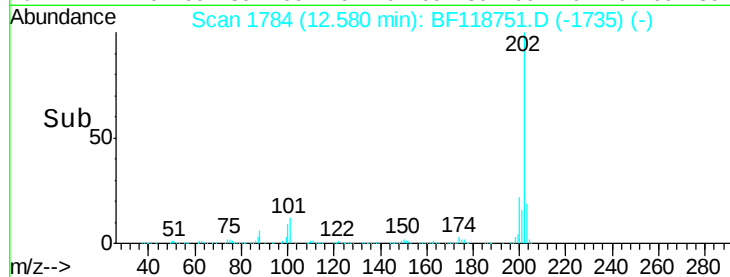
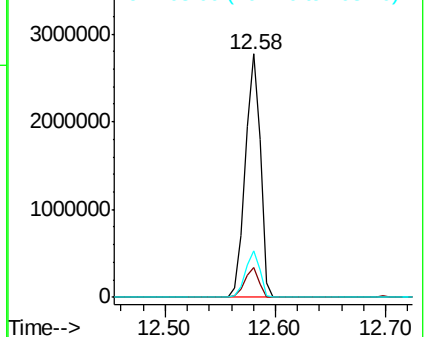
203 19.0 0.0 38.9



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

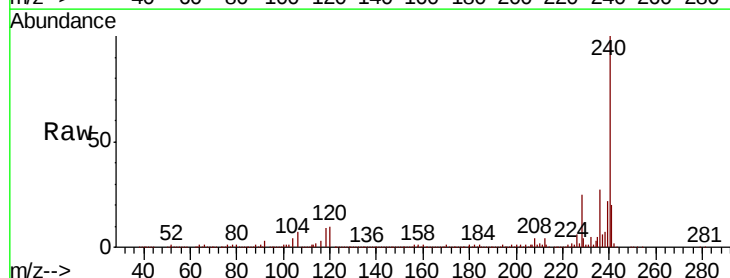
Tgt Ion:240 Resp: 1017879

Ion Ratio Lower Upper

240 100

120 10.2 7.6 11.4

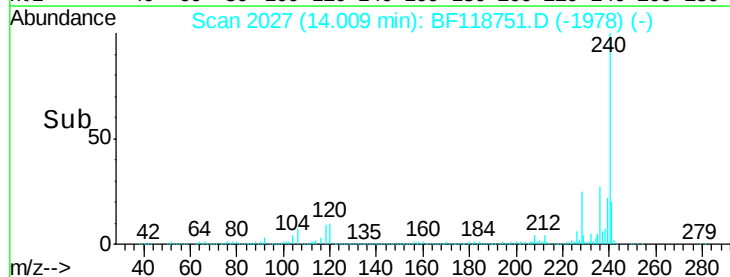
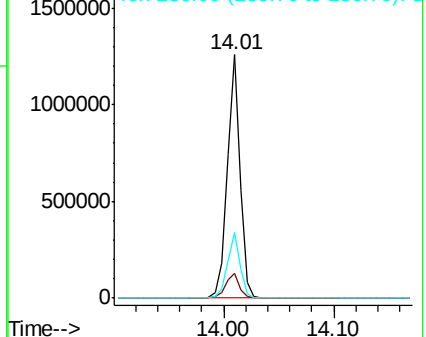
236 27.1 21.0 31.4

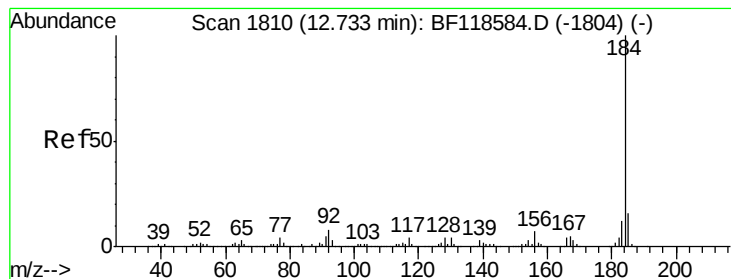


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.978 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

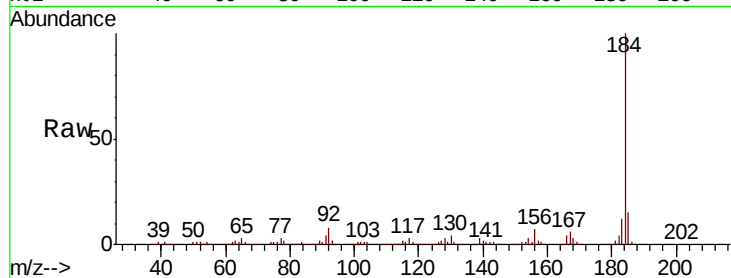
Tot Ion:184 Resp: 1576817

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

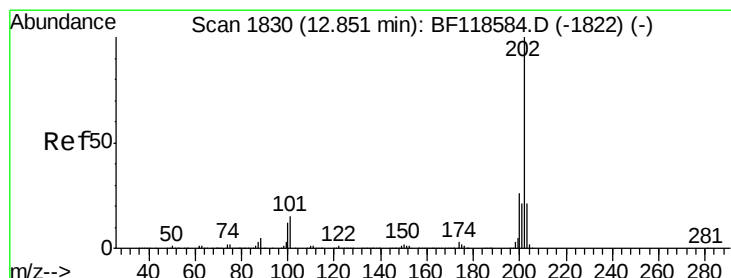
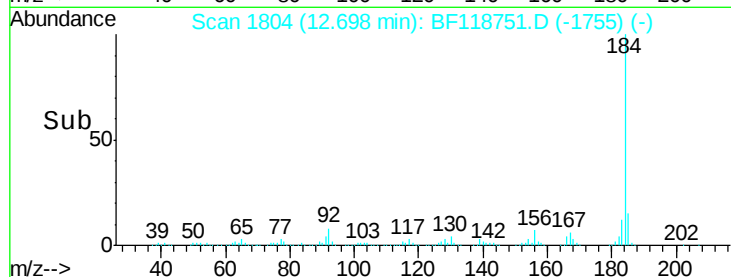
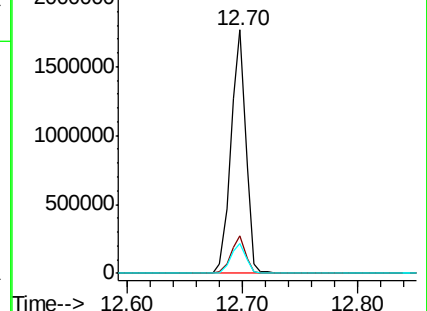
183 12.3 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.628 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

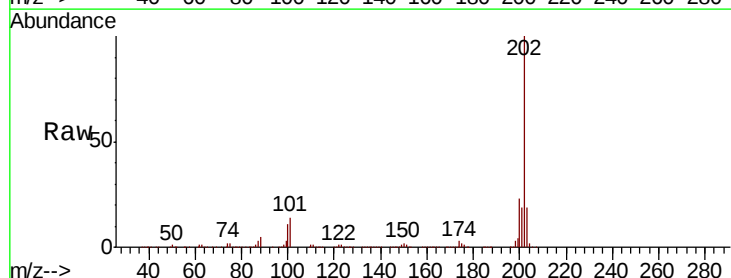
Tgt Ion:202 Resp: 2669366

Ion Ratio Lower Upper

202 100

200 22.8 18.1 27.1

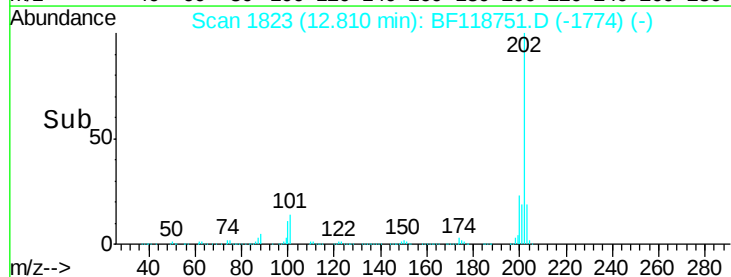
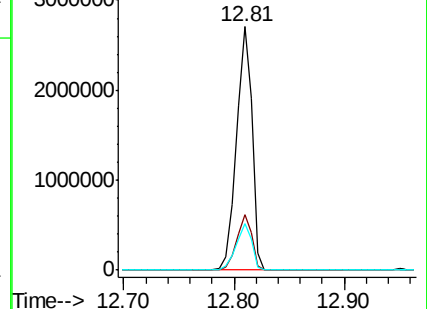
203 19.0 15.2 22.8

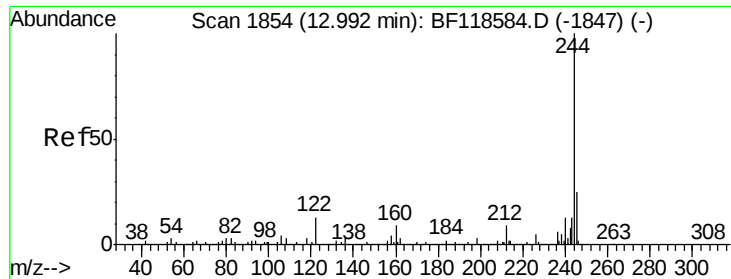


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.970 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

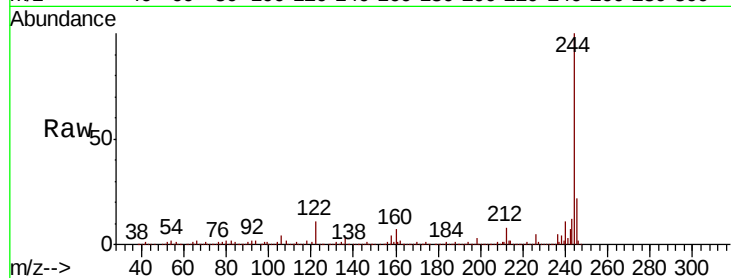
Tot Ion:244 Resp: 3312049

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

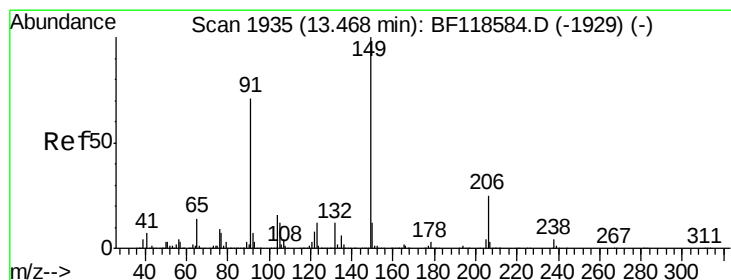
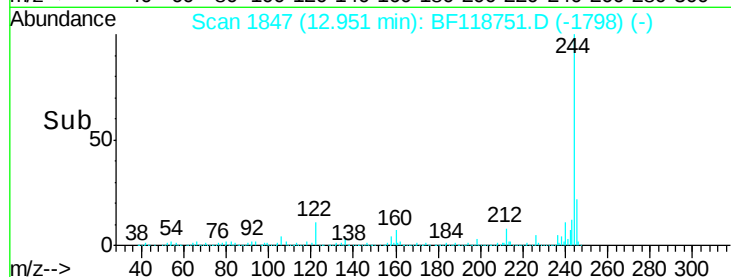
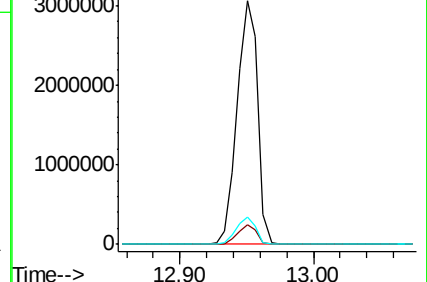
122 11.2 9.2 13.8



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: 42.904 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

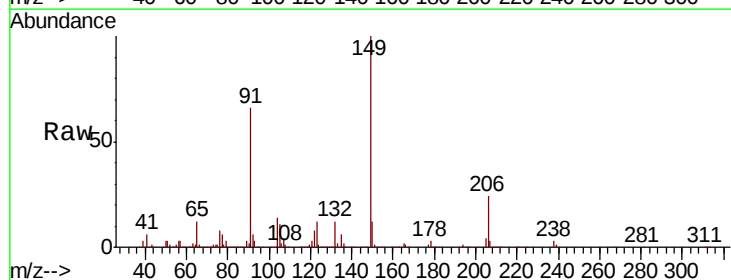
Tgt Ion:149 Resp: 1213407

Ion Ratio Lower Upper

149 100

91 66.4 49.6 74.4

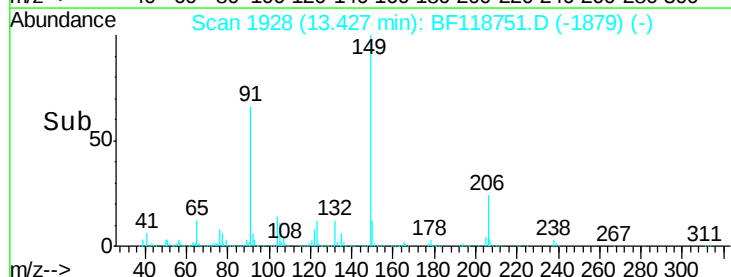
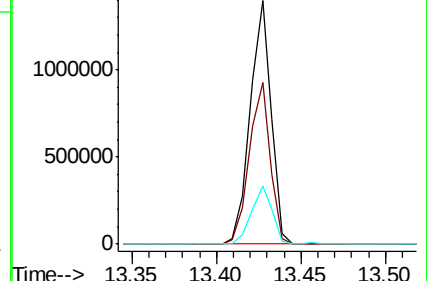
206 23.6 19.9 29.9

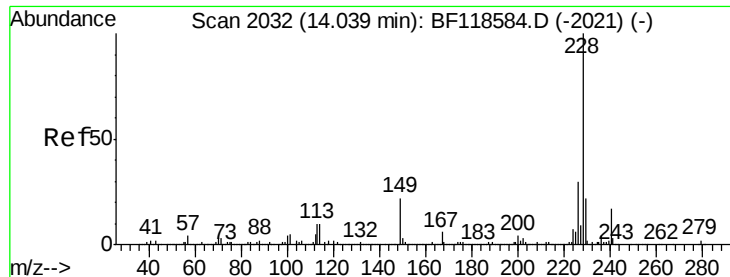


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

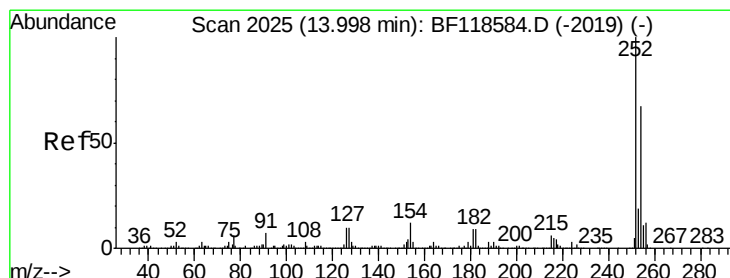
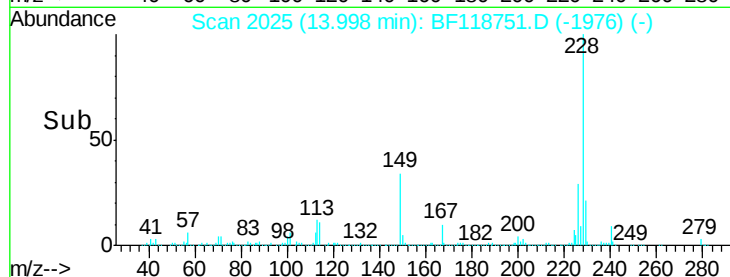
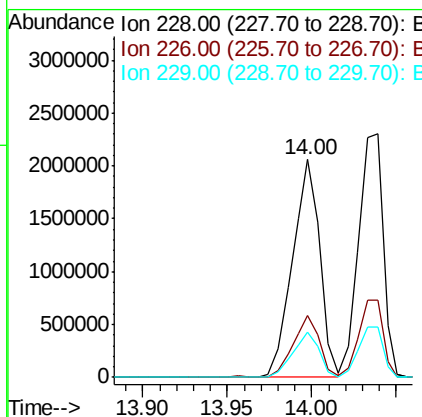
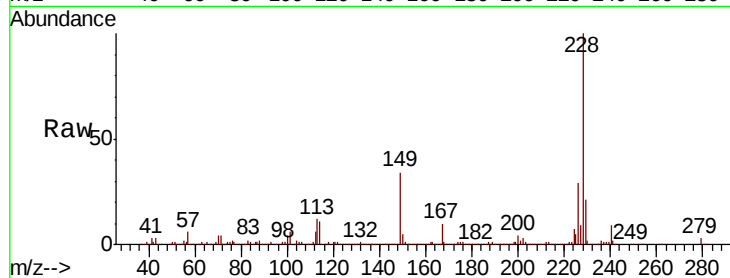




#81
Benzo(a)anthracene
Concen: 37.738 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

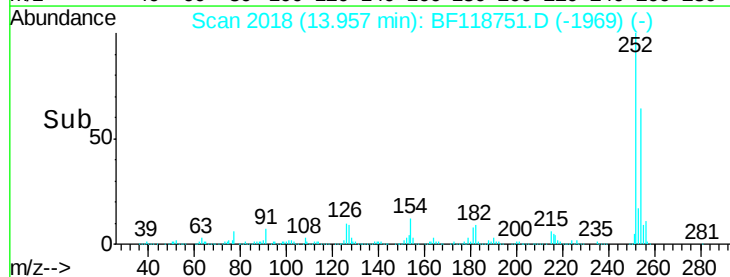
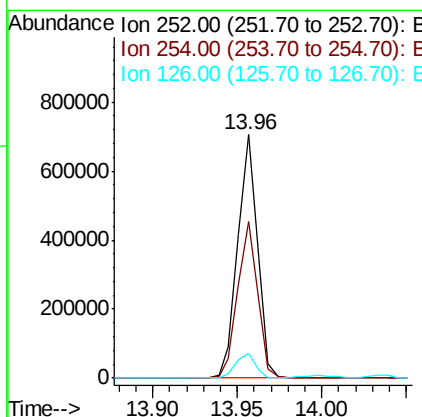
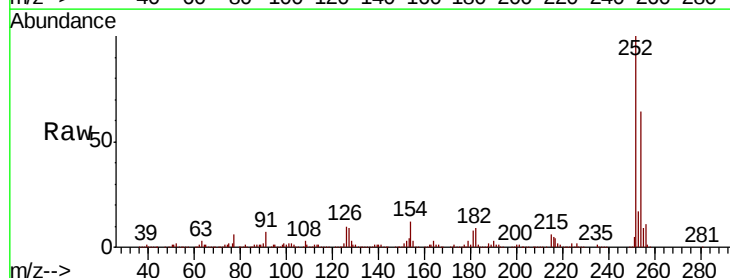
Instrument :
BNA_F
ClientSampleId :

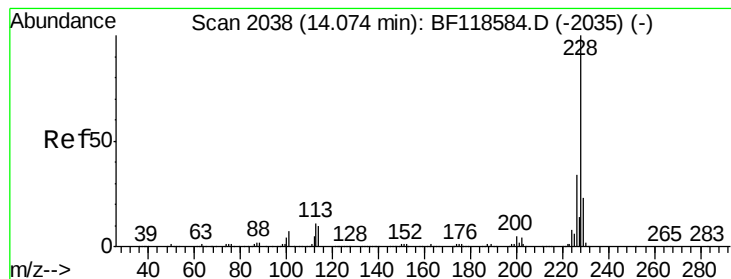
Tot Ion:228 Resp: 2310739
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 20.6 16.6 25.0



#82
3,3'-Dichlorobenzidine
Concen: 26.255 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:252 Resp: 572840
Ion Ratio Lower Upper
252 100
254 64.4 52.6 78.8
126 10.2 8.1 12.1





#83

Chrvsene

Concen: 39.674 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Instrument :

BNA_F

ClientSampleId :

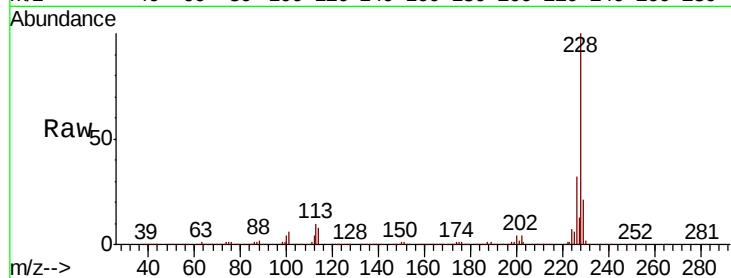
Tot Ion:228 Resp: 2328239

Ion Ratio Lower Upper

228 100

226 31.6 25.6 38.4

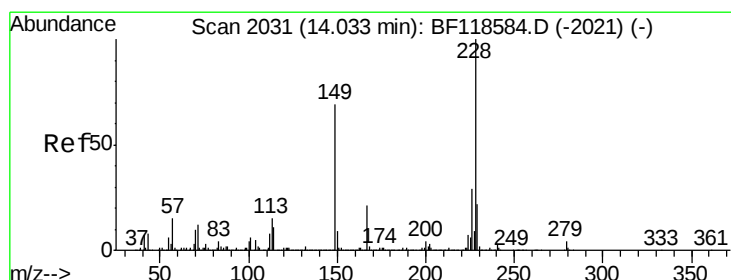
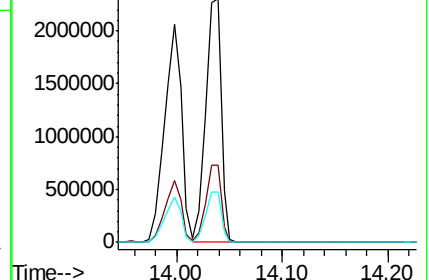
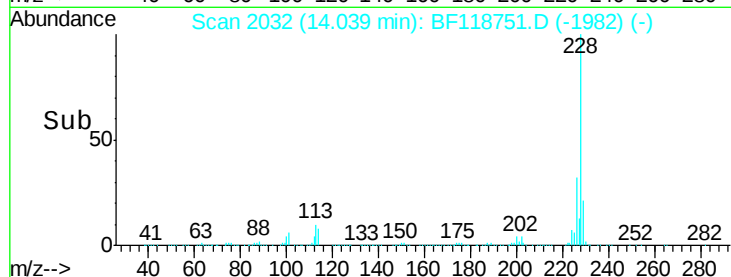
229 20.8 17.1 25.7



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: 46.422 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

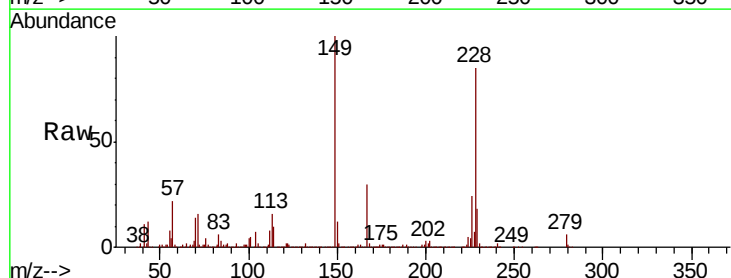
Tgt Ion:149 Resp: 1604027

Ion Ratio Lower Upper

149 100

167 29.5 23.6 35.4

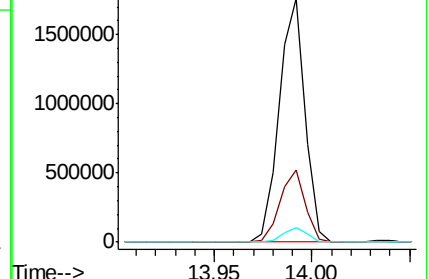
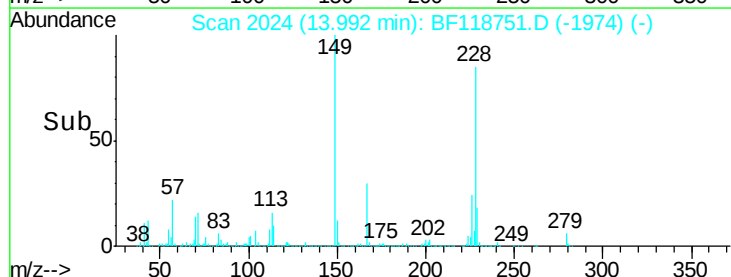
279 6.1 4.5 6.7

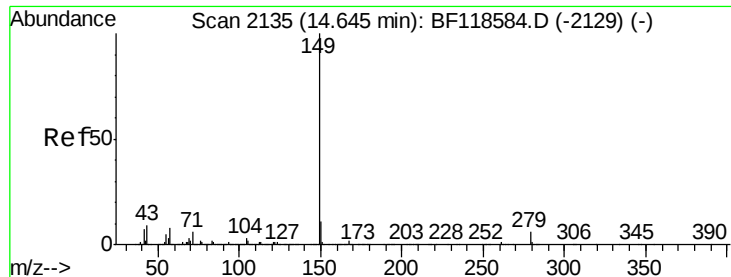


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.131 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

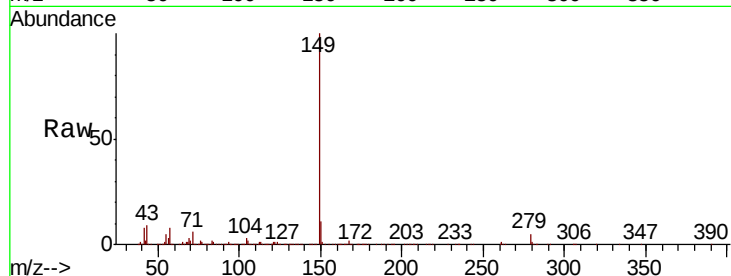
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 2768514

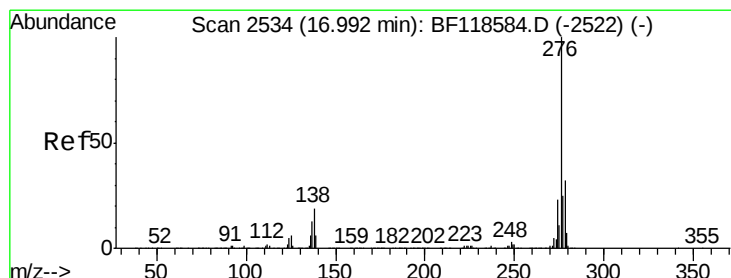
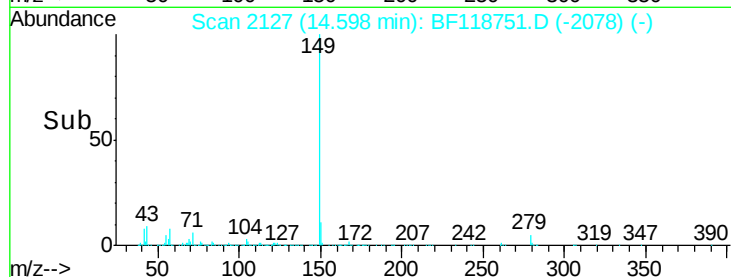
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.4	6.6	10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.845 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

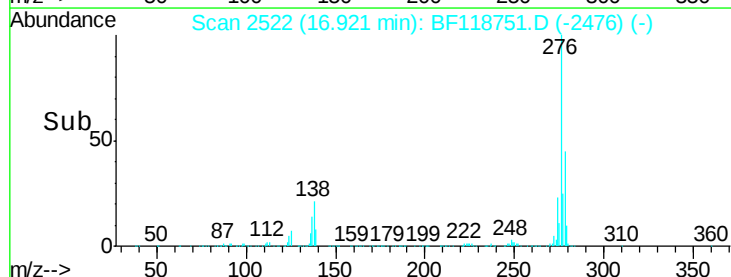
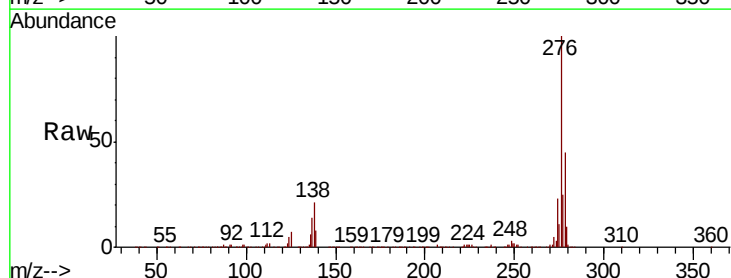
Tgt Ion:276 Resp: 2184680

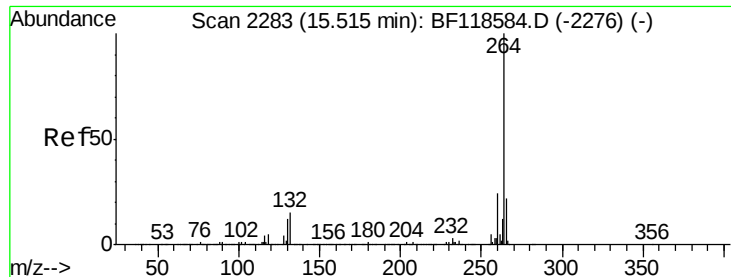
Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.2	27.4
277	25.5	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

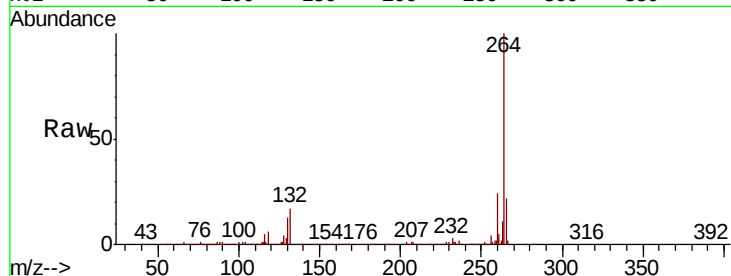
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 1040960

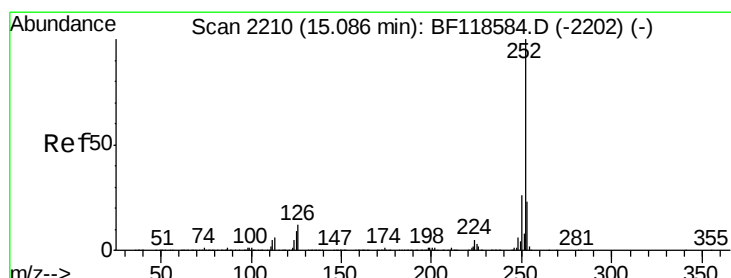
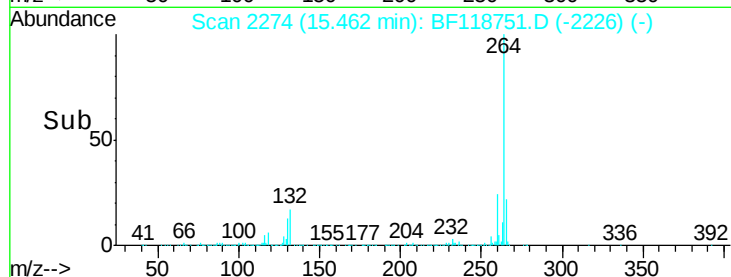
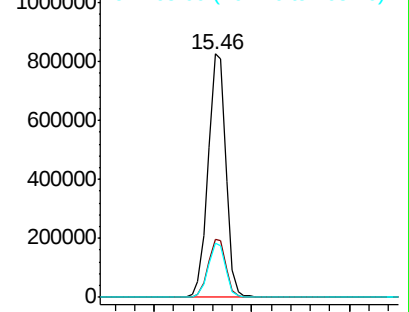
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.0	25.6



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: 36.948 ng

RT: 15.04 min Scan# 2203

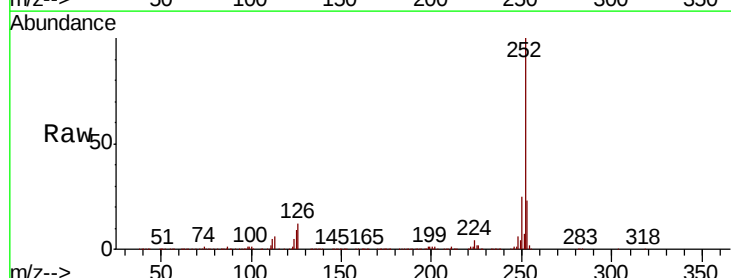
Delta R.T. -0.01 min

Lab File: BF118751.D

Acq: 30 Jan 2020 15:09

Tgt Ion:252 Resp: 2417602

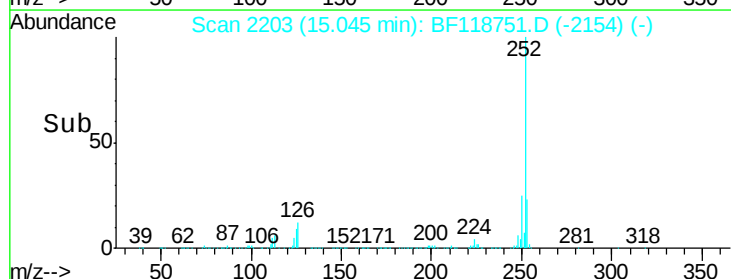
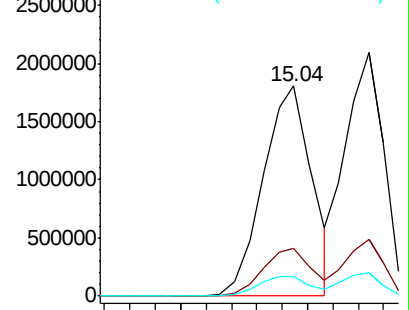
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	9.4	7.7	11.5

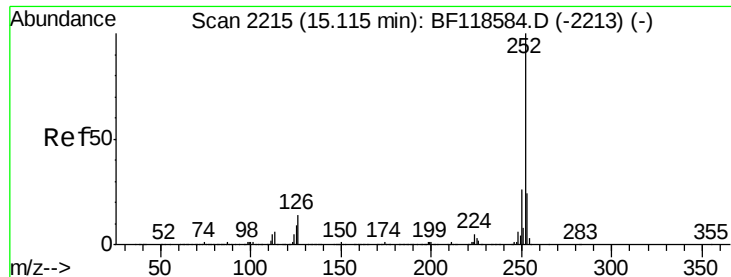


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

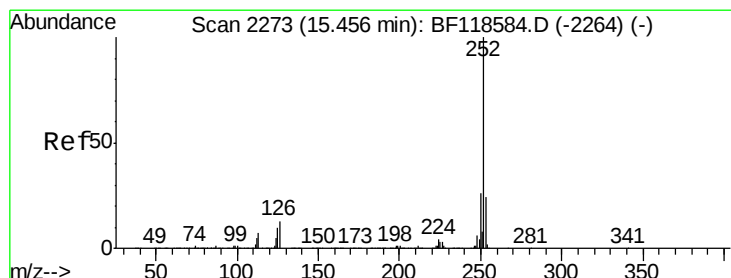
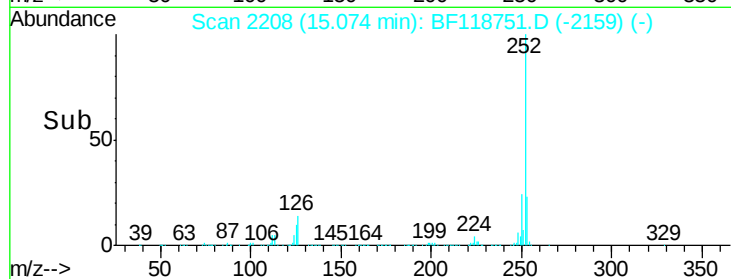
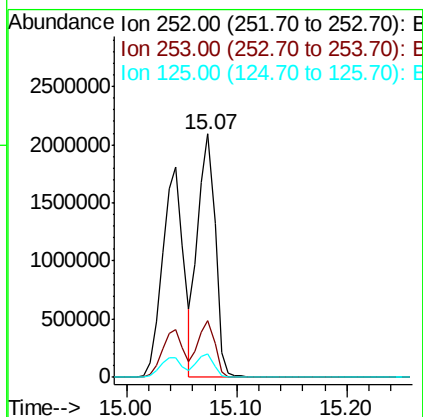
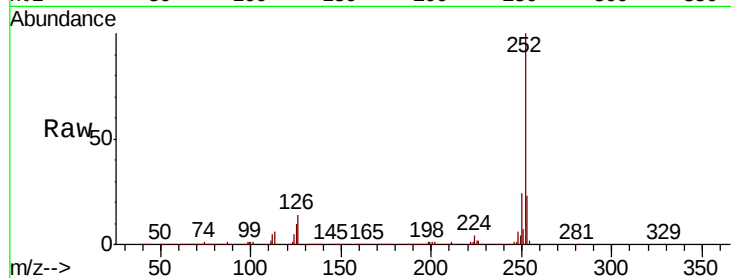




#89
Benzo(k)fluoranthene
Concen: 37.103 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

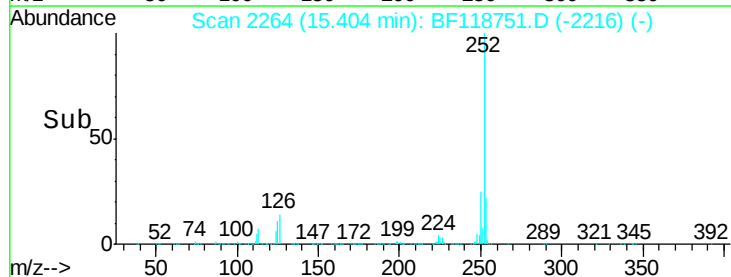
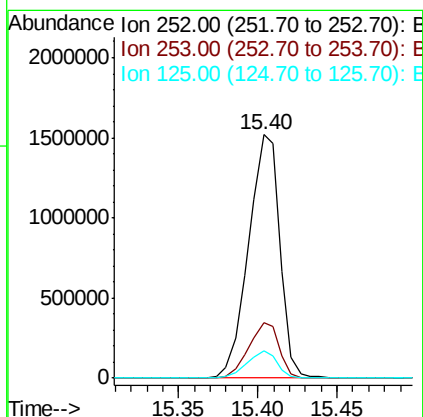
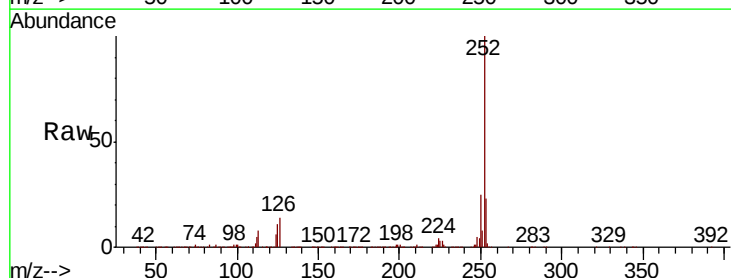
Instrument :
BNA_F
ClientSampleId :

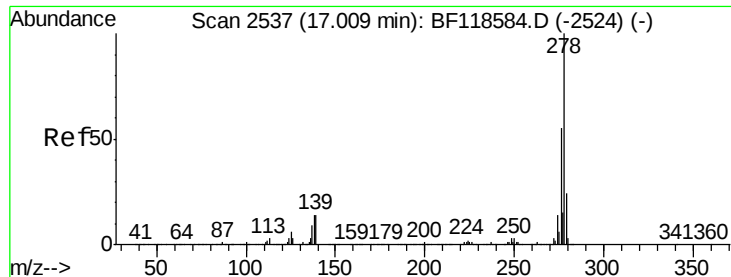
Tot Ion:252 Resp: 2249186
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 9.7 8.1 12.1



#90
Benzo(a)pyrene
Concen: 36.913 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:252 Resp: 2083513
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.2 8.3 12.5



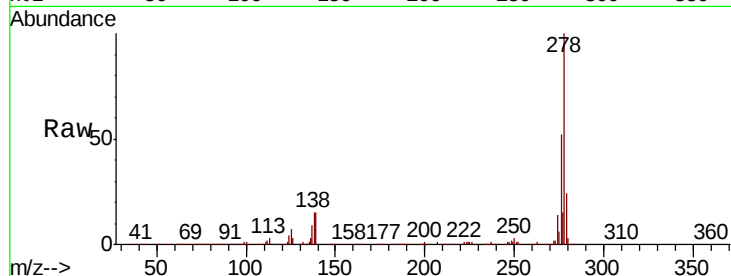


#91
Dibenzo(a,h)anthracene
Concen: 37.006 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

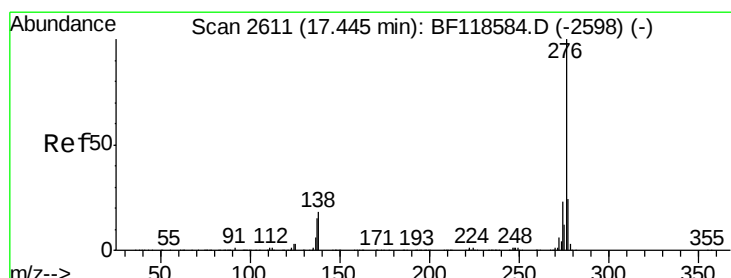
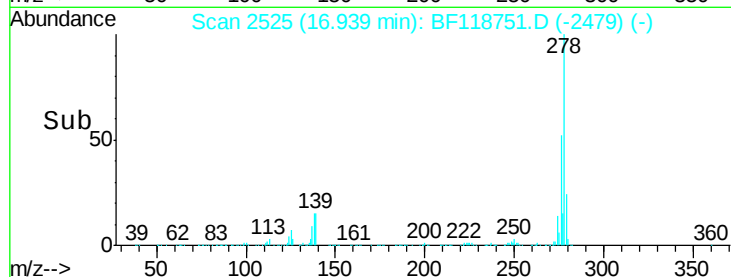
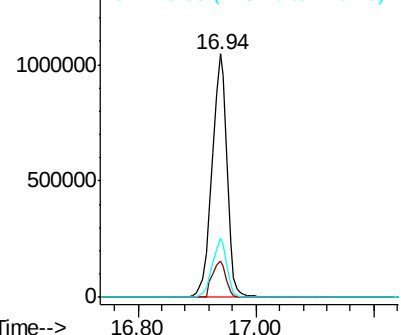
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1847621

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	24.2	19.1	28.7



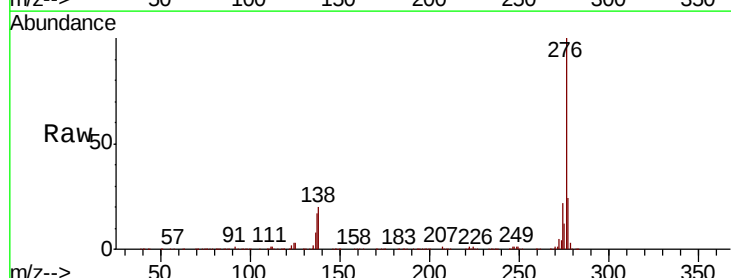
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.041 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BF118751.D
Acq: 30 Jan 2020 15:09

Tgt Ion:276 Resp: 1747157

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	20.1	15.4	23.2



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

