

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118738.D
 Acq On : 29 Jan 2020 18:22
 Operator : CG/JU
 Sample : L1013-12MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:10:43 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	6.85	152	277639	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1029466	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	551815	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	980118	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	629542	20.00	ng	-0.02
87) Perylene-d12	15.46	264	706582	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1840477	123.12	ng	0.00
7) Phenol-d6	6.49	99	2094656	107.81	ng	0.00
23) Nitrobenzene-d5	7.41	82	1607326	87.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	858821	134.56	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3079021	91.71	ng	-0.01
79) Terphenyl-d14	12.95	244	3310333	114.69	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	293010	40.468	ng	# 87
3) Pyridine	3.50	79	639421	31.333	ng	100
4) n-Nitrosodimethylamine	3.43	42	324227	37.058	ng	100
6) Aniline	6.51	93	249567	9.755	ng	97
8) 2-Chlorophenol	6.64	128	855458	50.983	ng	96
9) Benzaldehyde	6.40	77	415745	35.184	ng	97
10) Phenol	6.50	94	859477	38.816	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	794802	48.380	ng	97
12) 1,3-Dichlorobenzene	6.79	146	935814	47.650	ng	99
13) 1,4-Dichlorobenzene	6.87	146	959626	48.677	ng	99
14) 1,2-Dichlorobenzene	7.02	146	887385	47.883	ng	99
15) Benzyl Alcohol	6.99	79	728275	47.265	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	924883	40.418	ng	98
17) 2-Methylphenol	7.10	107	671324	48.032	ng	99
18) Hexachloroethane	7.36	117	332822	46.558	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	564241	43.008	ng	99
20) 3+4-Methylphenols	7.26	107	772884	45.293	ng	# 81
22) Acetophenone	7.26	105	1078921	44.241	ng	97
24) Nitrobenzene	7.43	77	862236	45.753	ng	99
25) Isophorone	7.67	82	1567871	46.705	ng	100
26) 2-Nitrophenol	7.75	139	470168	58.504	ng	98
27) 2,4-Dimethylphenol	7.79	122	719231	51.827	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	975225	45.086	ng	100
29) 2,4-Dichlorophenol	7.99	162	746634	48.669	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	838073	47.116	ng	99
31) Naphthalene	8.15	128	2363133	50.815	ng	100
32) Benzoic acid	7.90	122	450098	43.216	ng	98
33) 4-Chloroaniline	8.19	127	134317	6.249	ng	99
34) Hexachlorobutadiene	8.27	225	499083	46.074	ng	98
35) Caprolactam	8.56	113	105738	21.062	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	734905	48.511	ng	99
37) 2-Methylnaphthalene	8.85	142	1662580	50.649	ng	99
38) 1-Methylnaphthalene	8.95	142	1559034	49.992	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	807078	46.744	ng	99

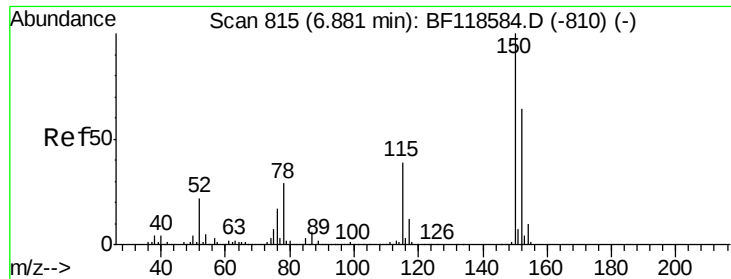
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	802663	92.141	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	566035	49.404	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	582749	49.802	nq	98
46) 1,1'-Biphenyl	9.31	154	1962092	51.592	nq	100
47) 2-Chloronaphthalene	9.33	162	1582162	49.357	nq	99
48) 2-Nitroaniline	9.42	65	423338	42.962	nq	99
49) Acenaphthylene	9.75	152	2399267	53.204	nq	99
50) Dimethylphthalate	9.61	163	1927059	53.602	nq	99
51) 2,6-Dinitrotoluene	9.67	165	429772	53.384	nq	89
52) Acenaphthene	9.92	154	1605954	53.258	nq	100
53) 3-Nitroaniline	9.83	138	86209	9.378	nq	96
54) 2,4-Dinitrophenol	9.94	184	353642	110.032	nq	# 88
55) Dibenzofuran	10.09	168	2160527	51.702	nq	100
56) 4-Nitrophenol	10.00	139	597893	86.157	nq	98
57) 2,4-Dinitrotoluene	10.07	165	563777	55.551	nq	93
58) Fluorene	10.43	166	1613252	49.176	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	500123	48.593	nq	100
60) Diethylphthalate	10.31	149	1737453	49.844	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	844581	47.336	nq	96
62) 4-Nitroaniline	10.45	138	359853	38.163	nq	98
63) Azobenzene	10.59	77	1566330	46.398	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	277055	64.285	nq	97
66) n-Nitrosodiphenylamine	10.55	169	1505134	50.921	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	585717	48.371	nq	98
68) Hexachlorobenzene	10.99	284	660335	48.100	nq	100
69) Atrazine	11.07	200	529101	51.645	nq	99
70) Pentachlorophenol	11.17	266	684958	89.739	nq	99
71) Phenanthrene	11.40	178	2354860	49.801	nq	100
72) Anthracene	11.45	178	2431865	51.976	nq	100
73) Carbazole	11.60	167	2088538	48.666	nq	100
74) Di-n-butylphthalate	11.93	149	2520548	52.863	nq	99
75) Fluoranthene	12.58	202	2436858	48.862	nq	100
77) Benzidine	12.69	184	654171	38.890	nq	99
78) Pyrene	12.81	202	2397589	56.097	nq	100
80) Butylbenzylphthalate	13.43	149	1005221	57.468	nq	97
81) Benzo(a)anthracene	14.00	228	1930011	50.964	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	228402	16.926	nq	99
83) Chrysene	14.03	228	1911371	52.662	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1331853	62.322	nq	98
85) Di-n-octyl phthalate	14.60	149	2206952	69.770	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2556784	81.074	nq	99
88) Benzo(b)fluoranthene	15.04	252	2009091	45.236	nq	100
89) Benzo(k)fluoranthene	15.07	252	2014963	48.969	nq	100
90) Benzo(a)pyrene	15.40	252	1878908	49.041	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	2133448	62.952	nq	99
92) Benzo(g,h,i)perylene	17.37	276	2227102	67.682	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

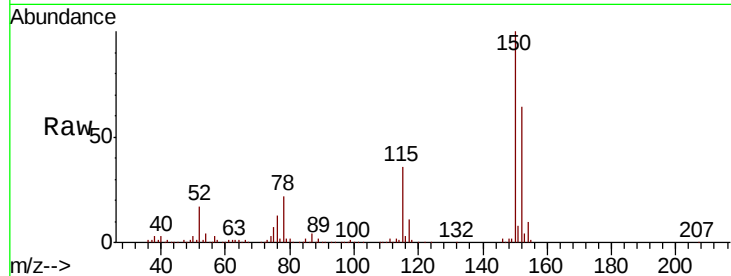
Tot Ion:152 Resp: 277639

Ion Ratio Lower Upper

152 100

150 157.0 123.7 185.5

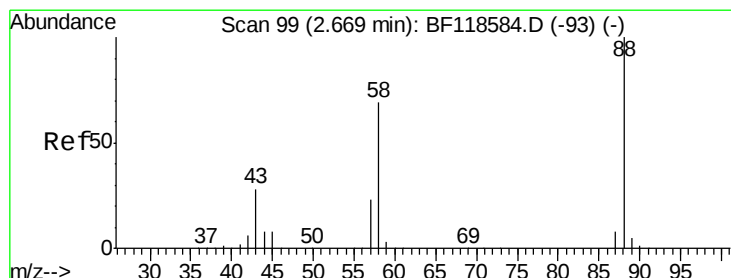
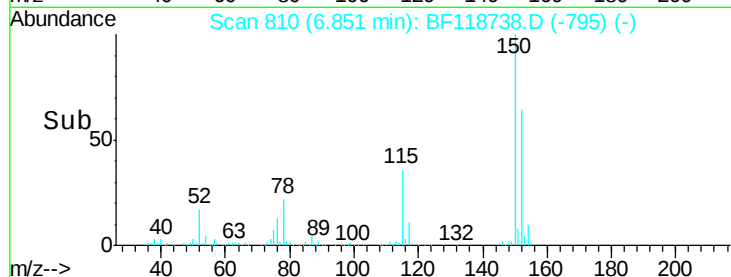
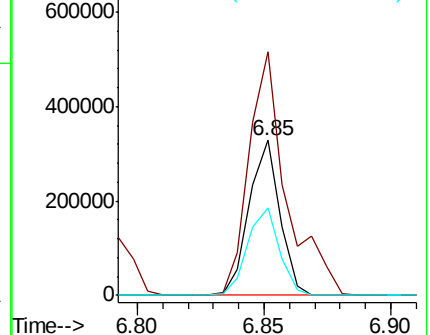
115 56.3 45.1 67.7



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: 40.468 ng

RT: 2.79 min Scan# 120

Delta R.T. 0.17 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

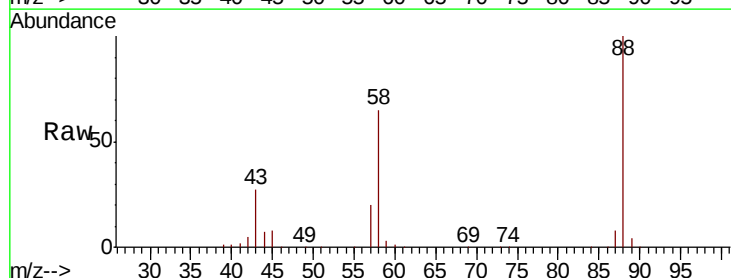
Tgt Ion: 88 Resp: 293010

Ion Ratio Lower Upper

88 100

58 64.9 51.9 77.9

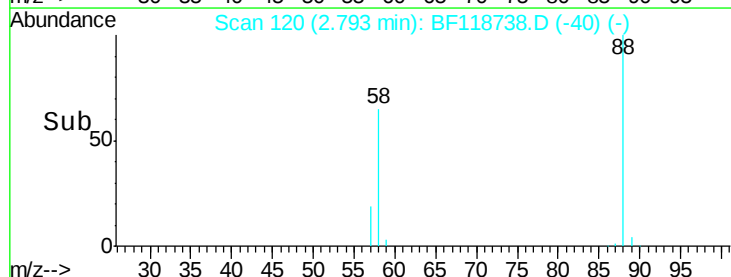
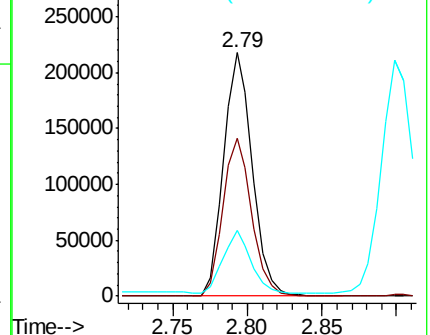
43 0.0 19.3 28.9#

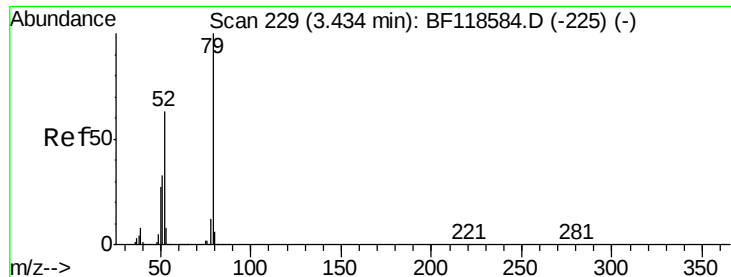


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.333 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.12 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

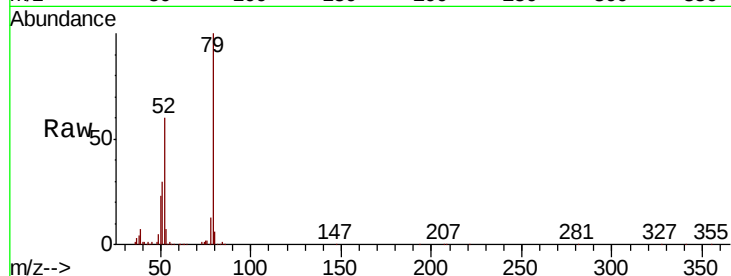
Tot Ion: 79 Resp: 639421

Ion Ratio Lower Upper

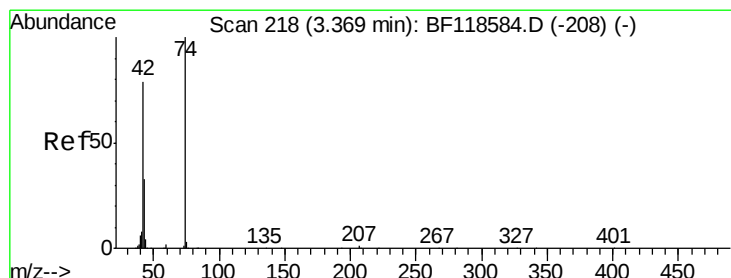
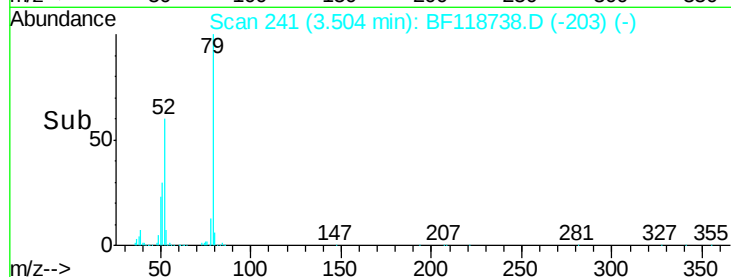
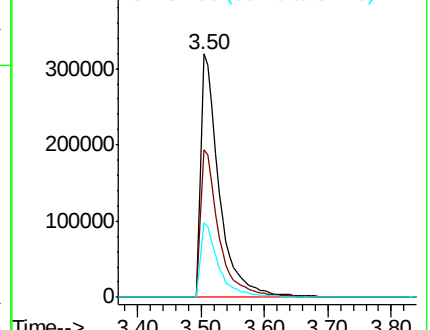
79 100

52 60.4 48.8 73.2

51 30.5 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: 37.058 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.11 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

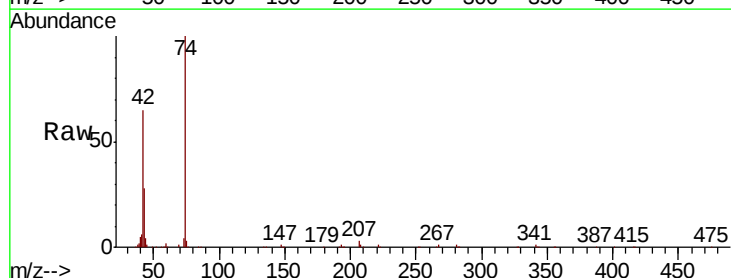
Tgt Ion: 42 Resp: 324227

Ion Ratio Lower Upper

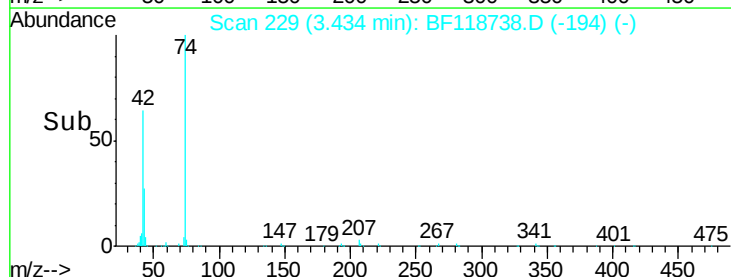
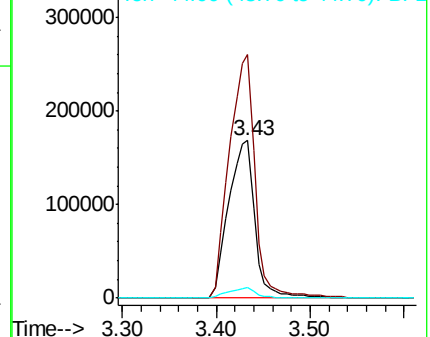
42 100

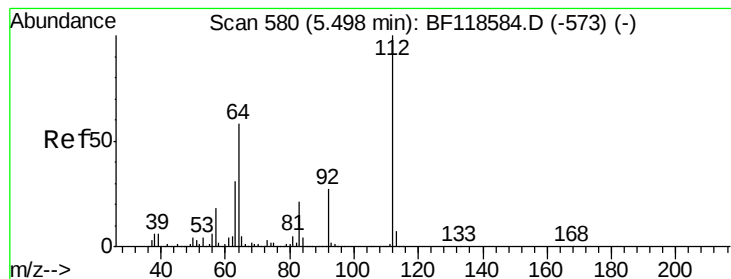
74 154.8 123.5 185.3

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

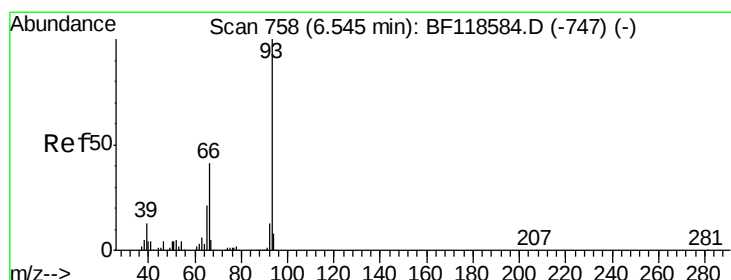
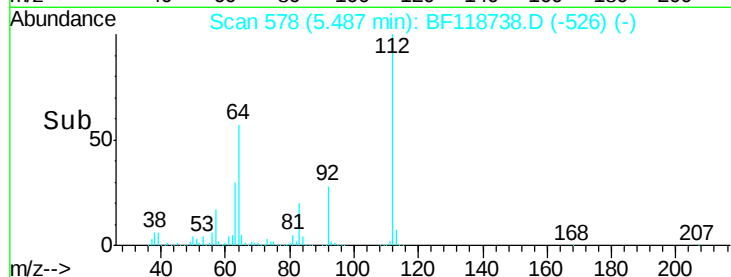
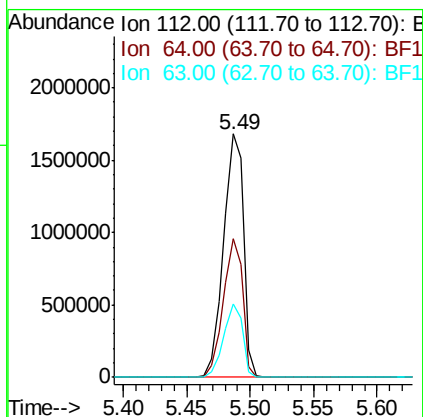
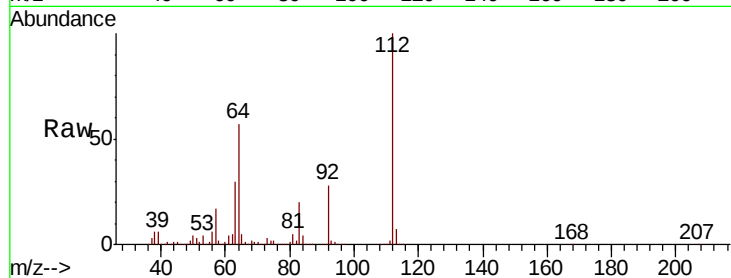




#5
 2-Fluorophenol
 Concen: 123.118 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

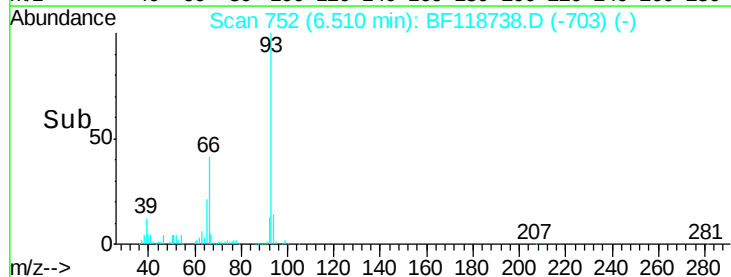
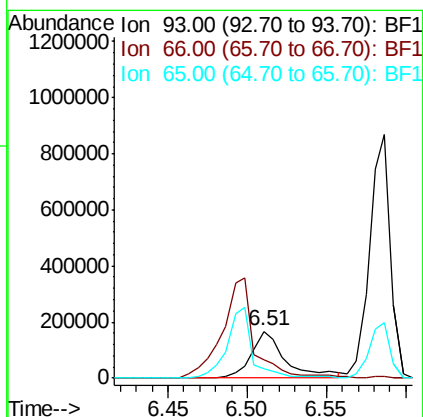
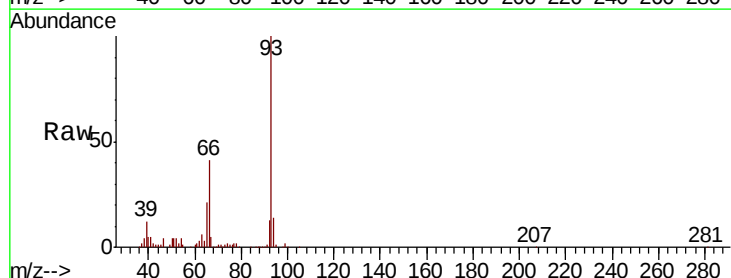
Instrument :
 BNA_F
 ClientSampled :

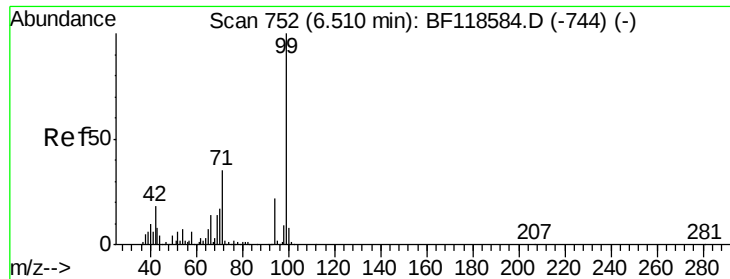
Tot Ion:112 Resp: 1840477
 Ion Ratio Lower Upper
 112 100
 64 57.2 42.4 63.6
 63 30.4 21.7 32.5



#6
 Aniline
 Concen: 9.755 ng
 RT: 6.51 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion: 93 Resp: 249567
 Ion Ratio Lower Upper
 93 100
 66 40.5 31.3 46.9
 65 20.8 15.3 22.9





#7

Phenol-d6

Concen: 107.807 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

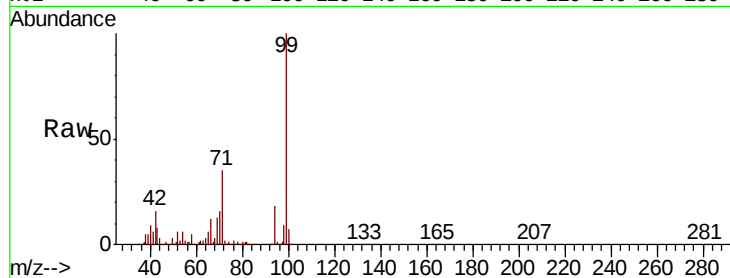
Tot Ion: 99 Resp: 2094656

Ion Ratio Lower Upper

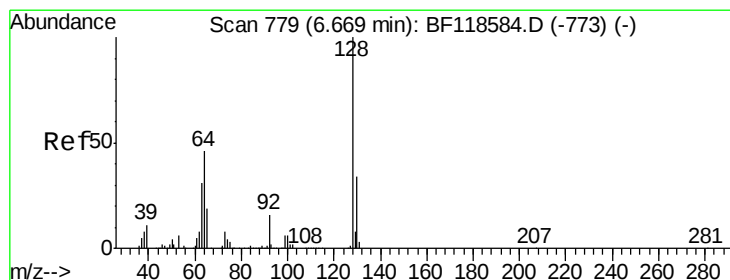
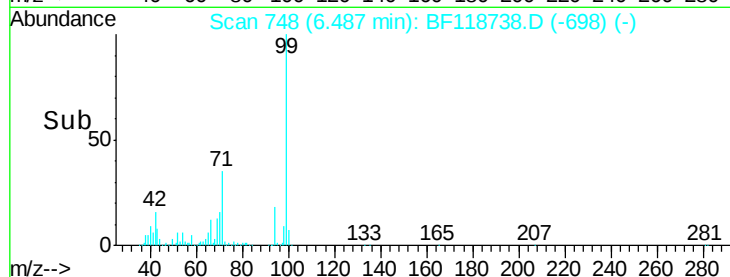
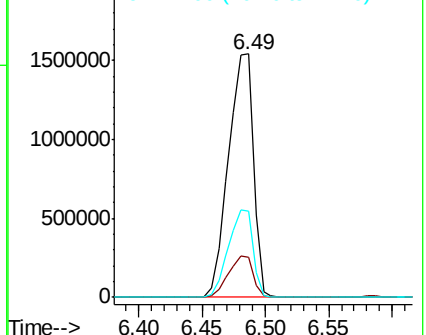
99 100

42 16.2 13.1 19.7

71 35.3 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: 50.983 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

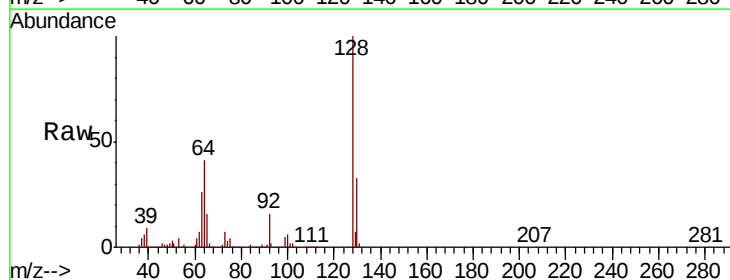
Tgt Ion: 128 Resp: 855458

Ion Ratio Lower Upper

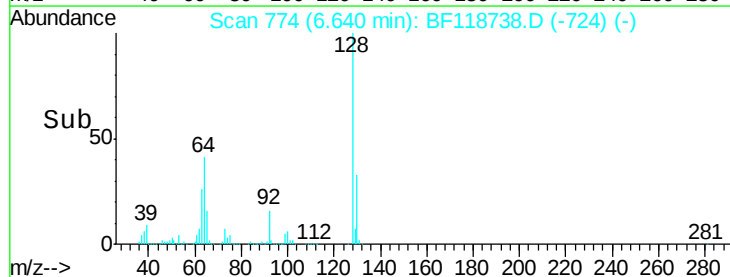
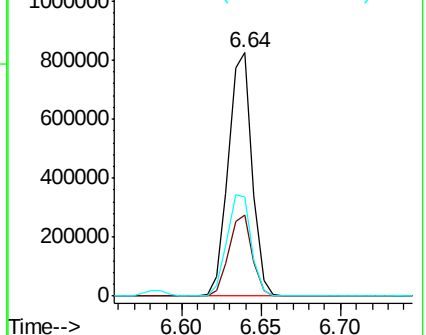
128 100

130 33.4 12.8 52.8

64 40.7 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: 35.184 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

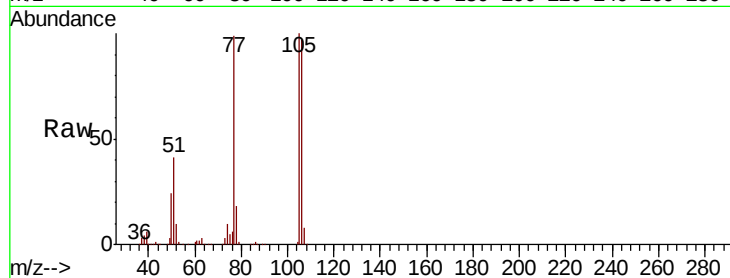
Tot Ion: 77 Resp: 415745

Ion Ratio Lower Upper

77 100

105 101.2 84.3 124.3

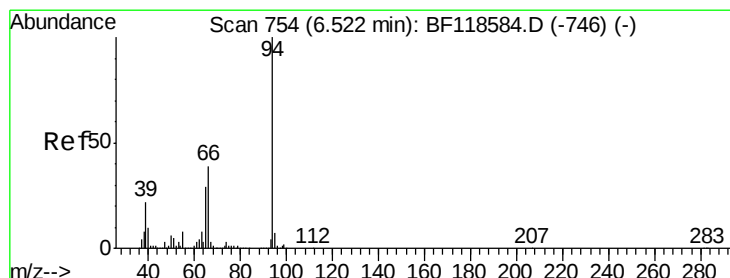
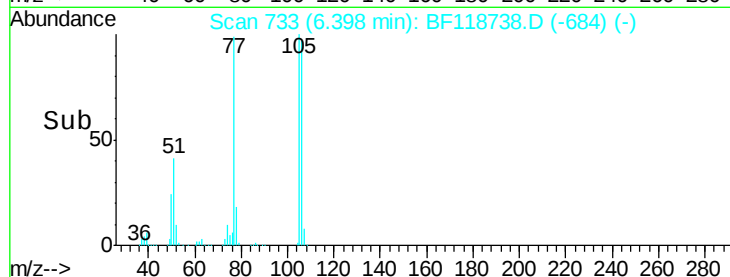
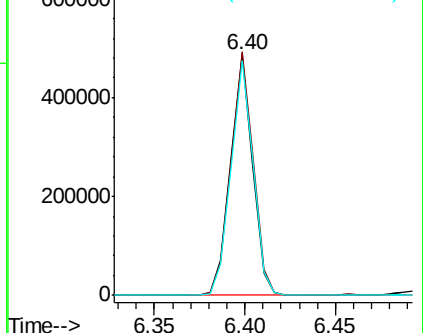
106 97.7 80.4 120.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.816 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

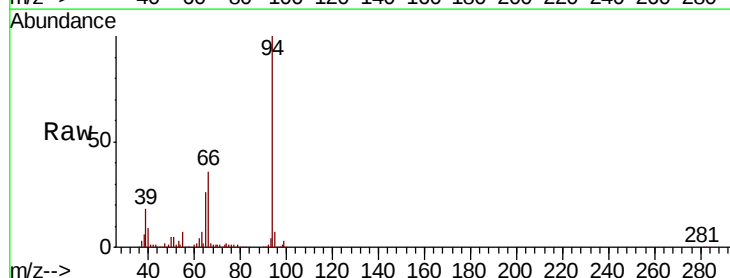
Tgt Ion: 94 Resp: 859477

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

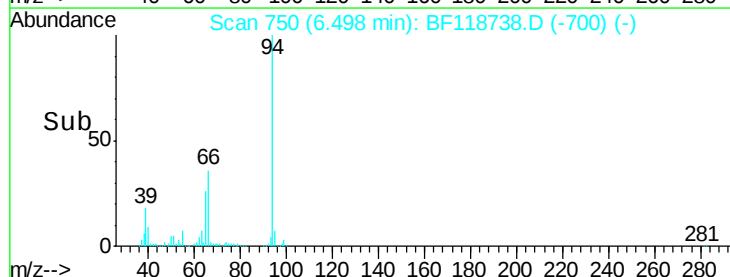
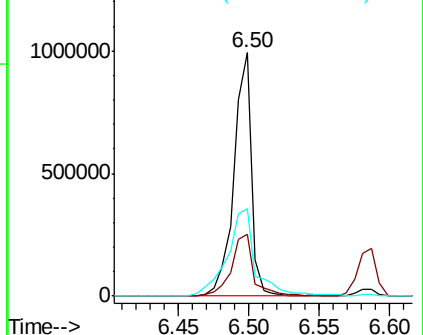
66 36.0 19.1 59.1

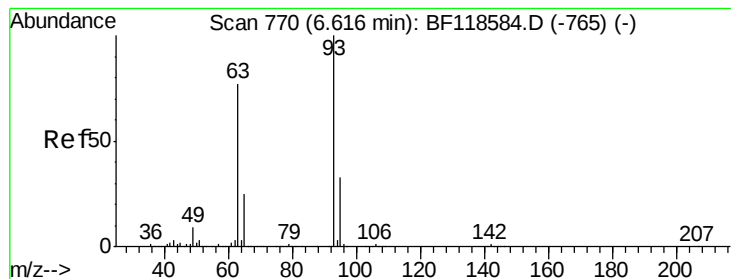


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.380 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampled :

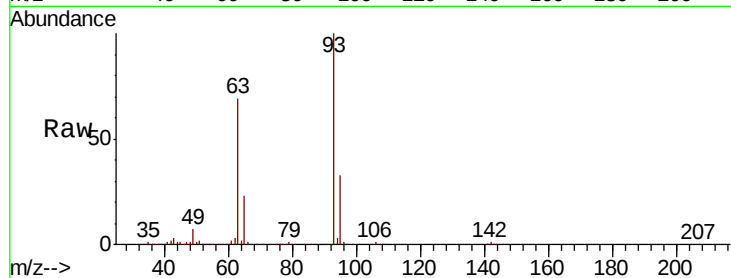
Tot Ion: 93 Resp: 794802

Ion Ratio Lower Upper

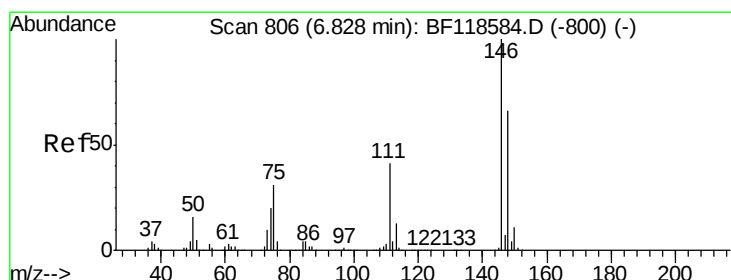
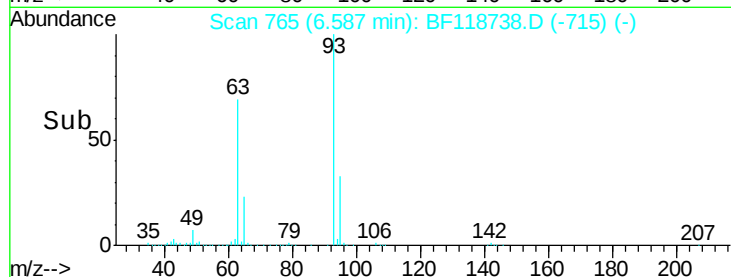
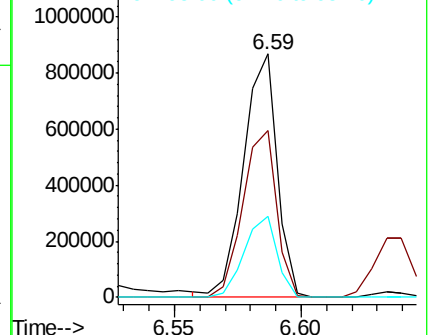
93 100

63 68.6 52.1 92.1

95 33.4 13.2 53.2



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



#12

1,3-Dichlorobenzene

Concen: 47.650 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

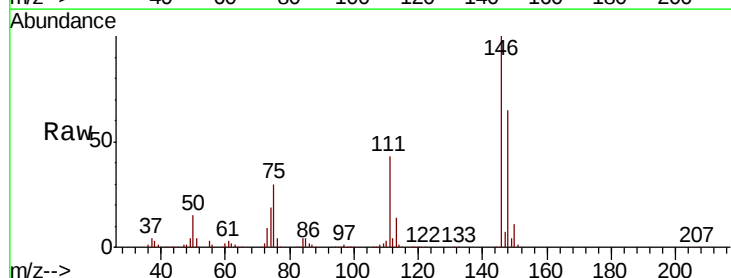
Tgt Ion: 146 Resp: 935814

Ion Ratio Lower Upper

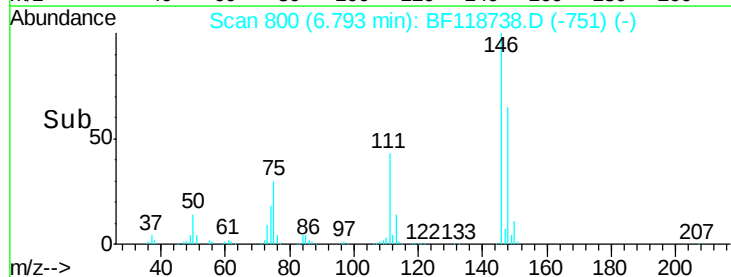
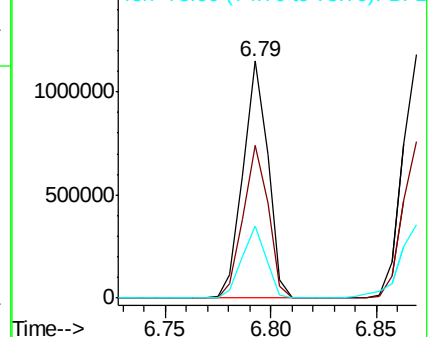
146 100

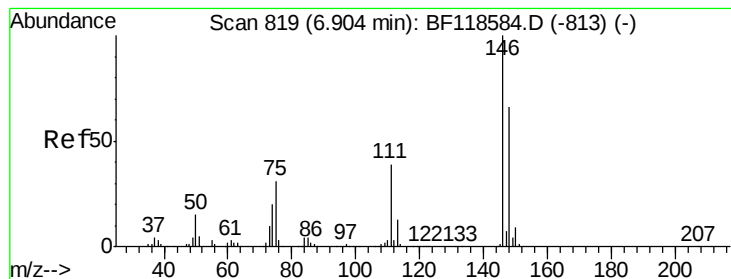
148 64.8 52.2 78.4

75 30.3 23.1 34.7



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





#13

1,4-Dichlorobenzene

Concen: 48.677 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

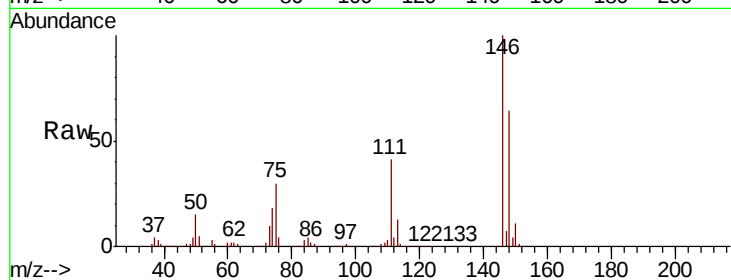
Tot Ion:146 Resp: 959626

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

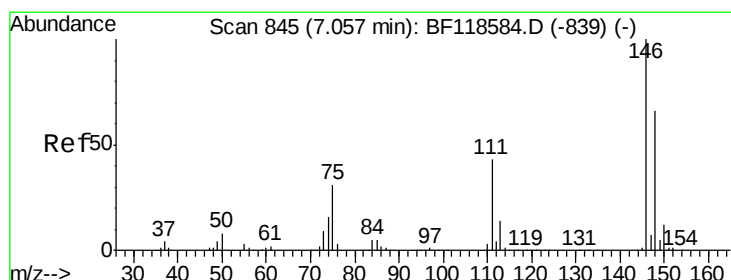
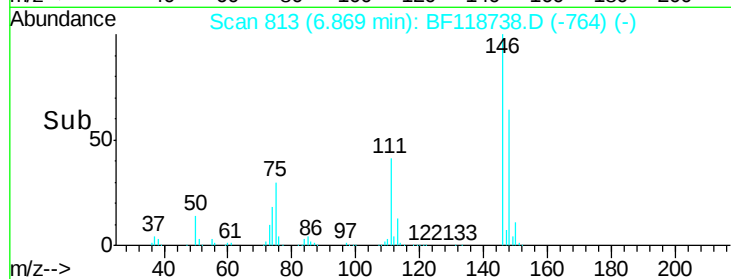
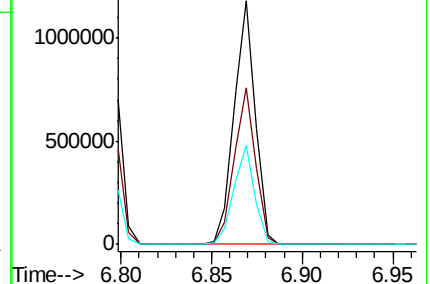
111 40.8 31.8 47.6



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: 47.883 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

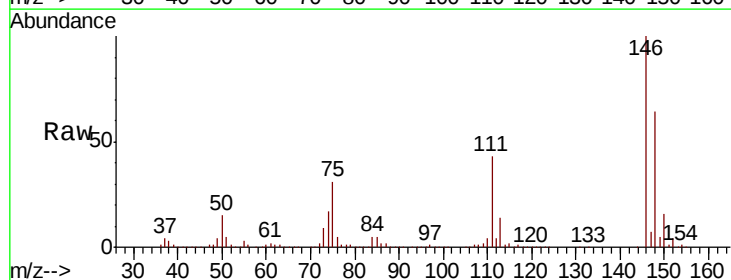
Tgt Ion:146 Resp: 887385

Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

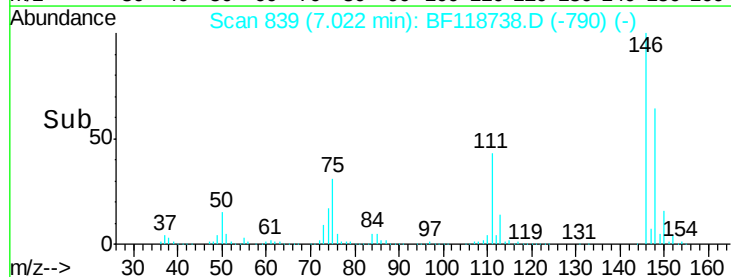
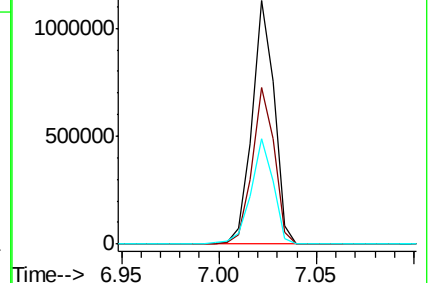
111 43.3 35.3 52.9

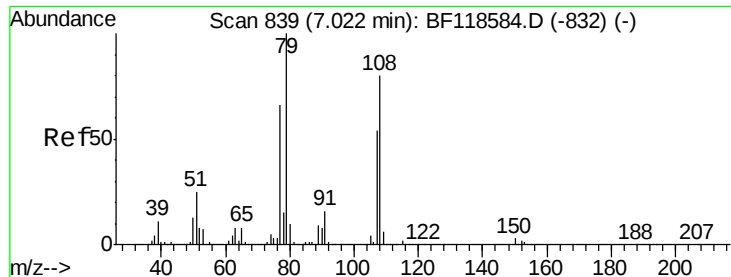


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.265 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampled :

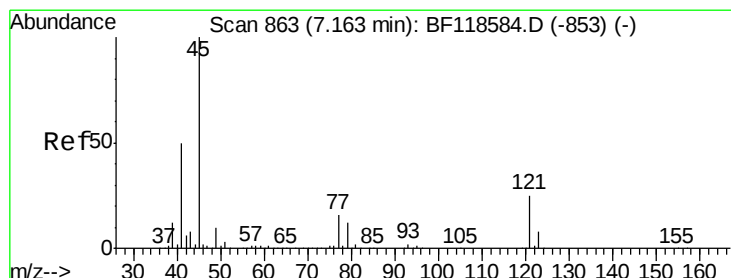
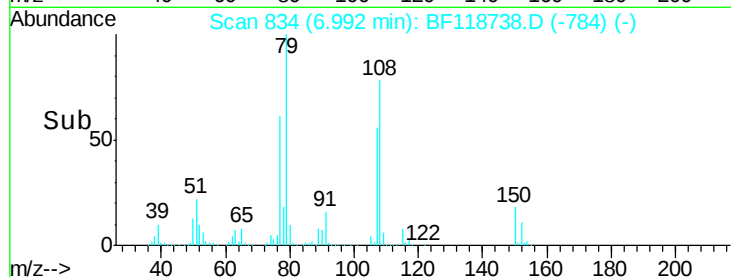
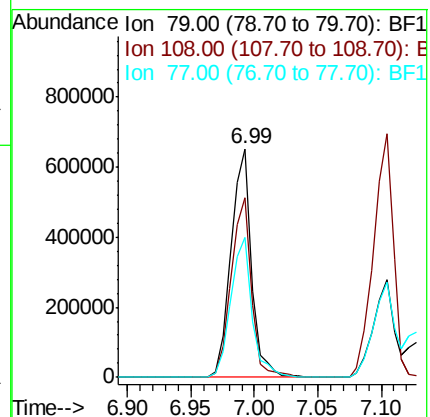
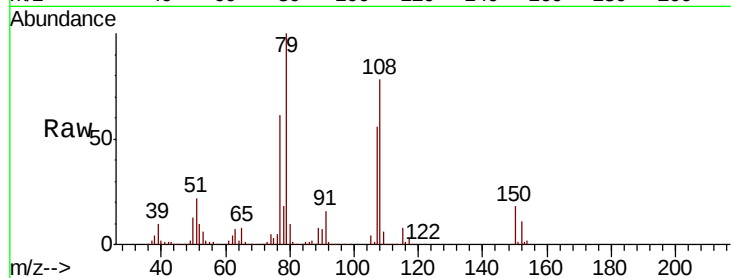
Tot Ion: 79 Resp: 728275

Ion Ratio Lower Upper

79 100

108 78.4 63.4 95.2

77 61.5 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.418 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

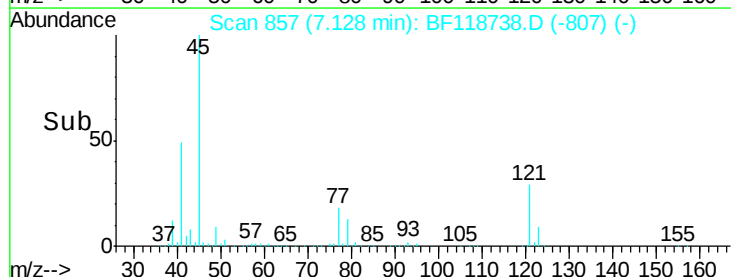
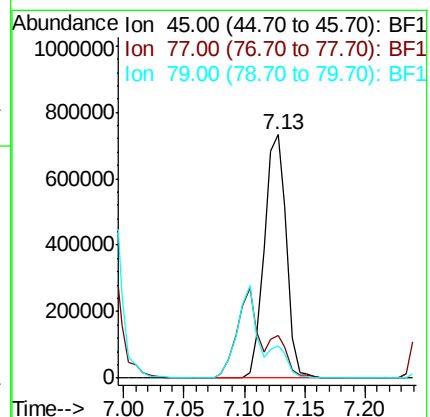
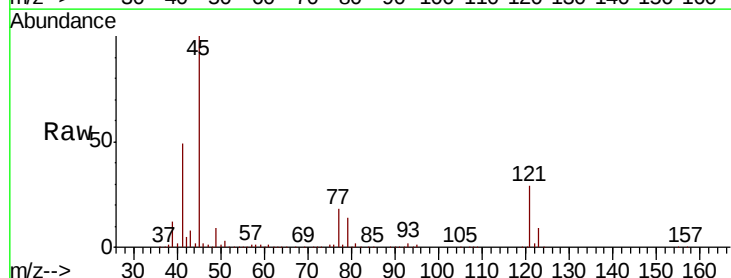
Tgt Ion: 45 Resp: 924883

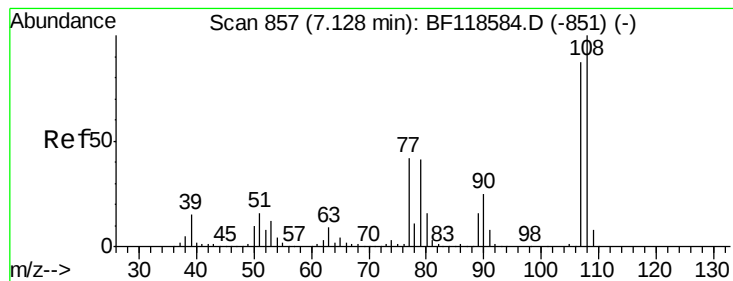
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.9

79 13.5 0.0 32.5

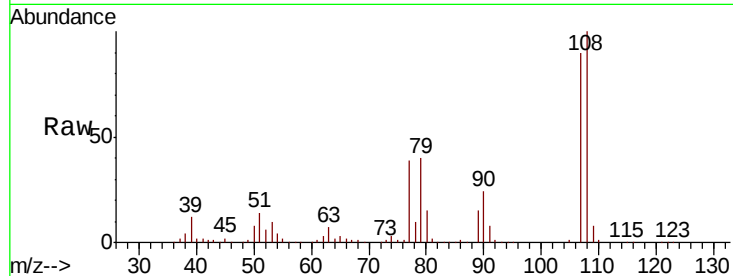




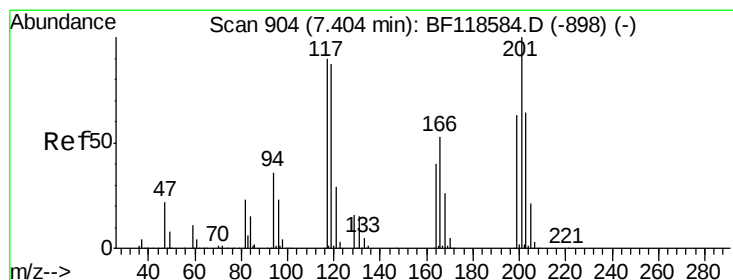
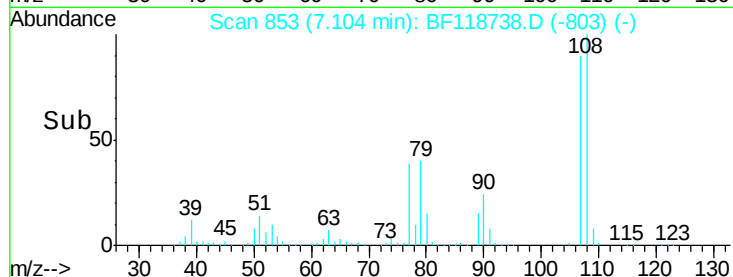
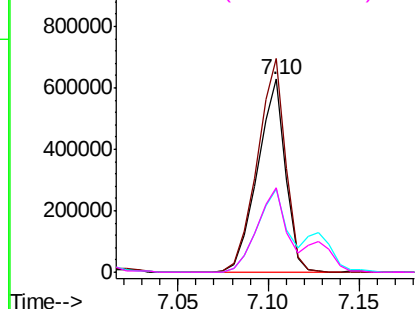
#17
2-Methylphenol
Concen: 48.032 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 671324
Ion Ratio Lower Upper
107 100
108 110.7 88.0 132.0
77 43.1 35.3 52.9
79 44.1 35.4 53.2

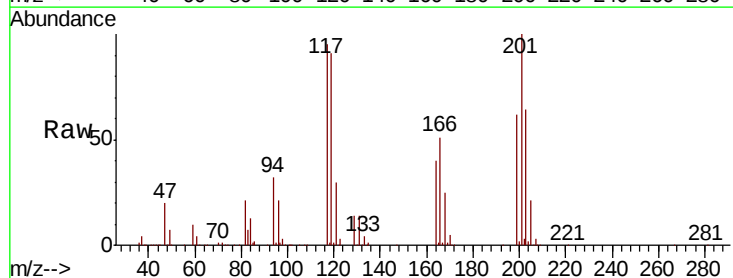


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

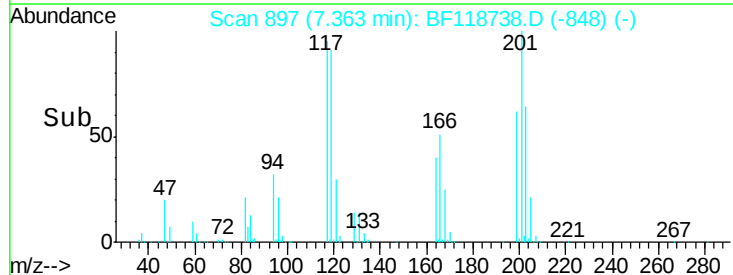
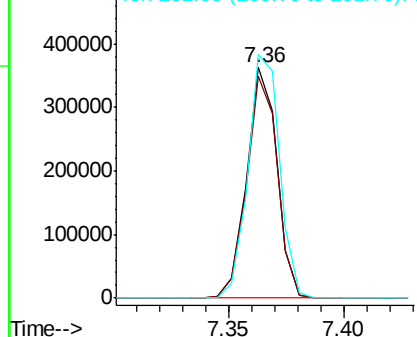


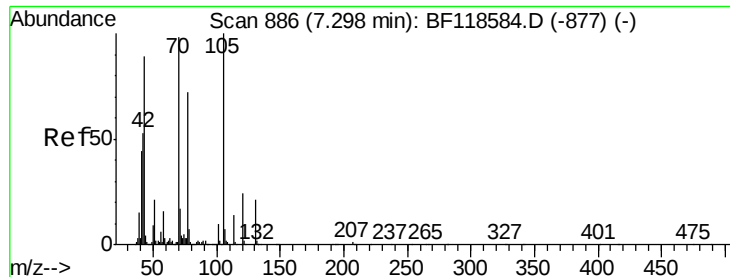
#18
Hexachloroethane
Concen: 46.558 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:117 Resp: 332822
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2
201 105.7 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

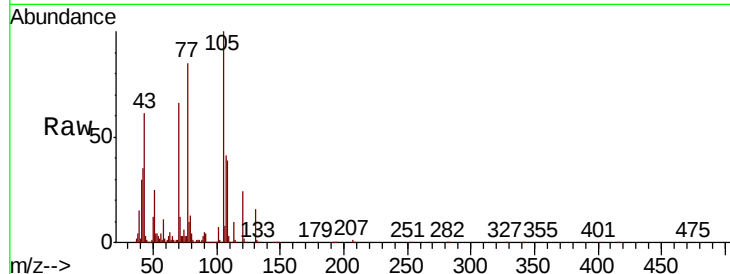




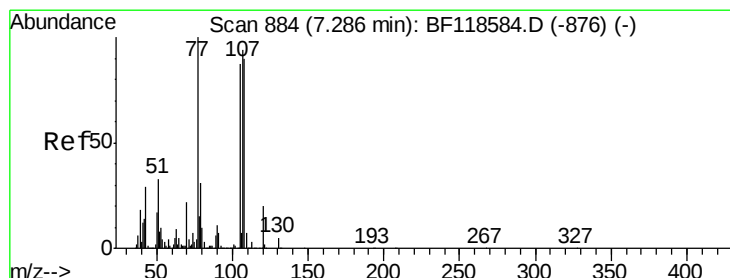
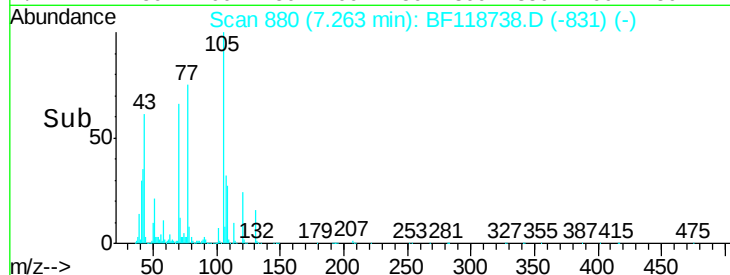
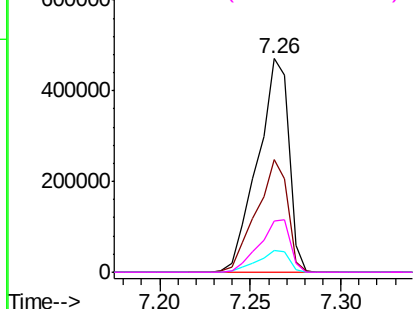
#19
n-Nitroso-di-n-propylamine
Concen: 43.008 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 564241
Ion Ratio Lower Upper
70 100
42 53.0 41.6 62.4
101 10.4 7.9 11.9
130 24.3 19.0 28.6

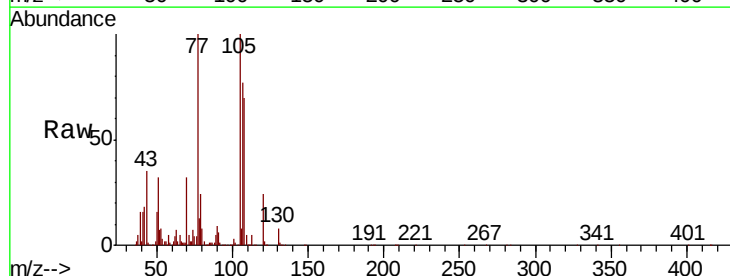


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

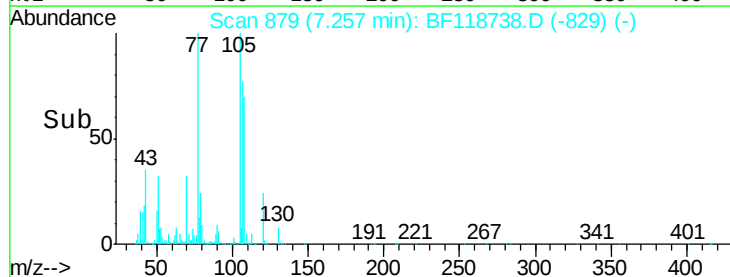
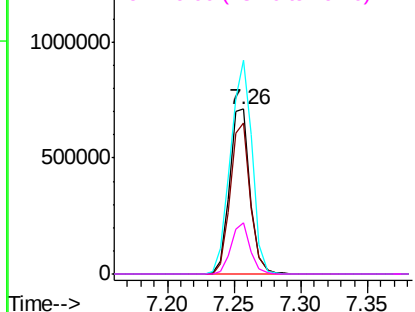


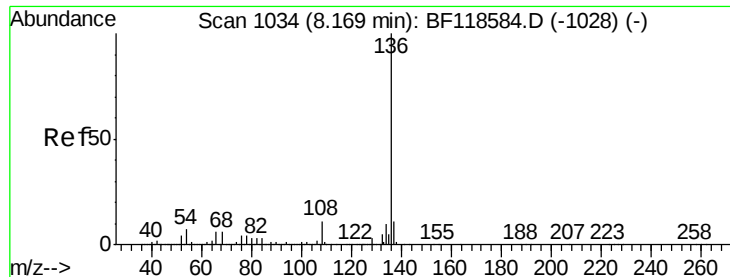
#20
3+4-Methylphenols
Concen: 45.293 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:107 Resp: 772884
Ion Ratio Lower Upper
107 100
108 91.1 67.5 107.5
77 129.4 73.6 113.6#
79 30.9 9.3 49.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1029466

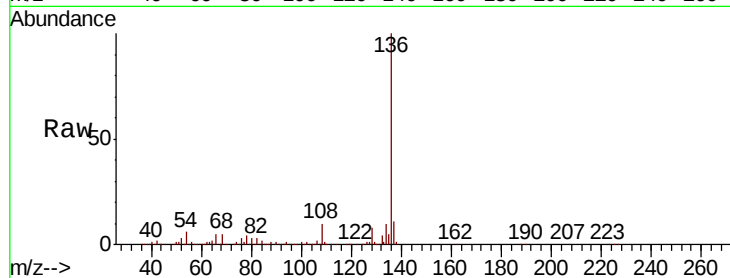
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 5.1 7.7

68 5.4 4.3 6.5

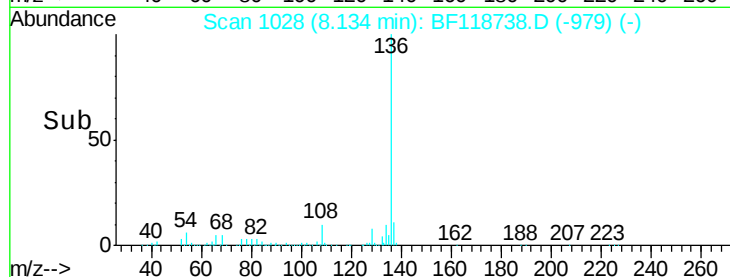


Abundance Ion 136.00 (135.70 to 136.70): E

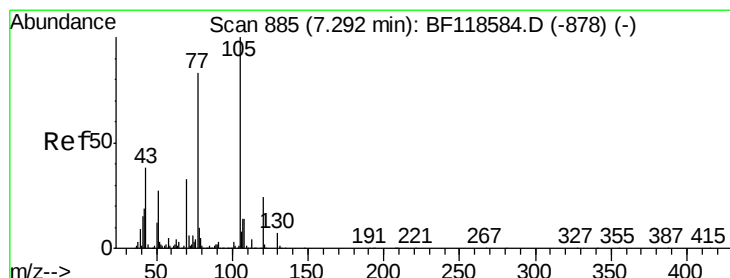
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.05 8.10 8.15 8.20



#22

Acetophenone

Concen: 44.241 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:105 Resp: 1078921

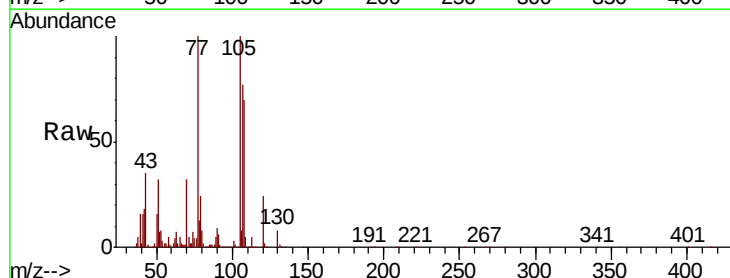
Ion Ratio Lower Upper

105 100

71 5.3 4.3 6.5

51 32.5 23.5 35.3

120 23.5 18.6 28.0

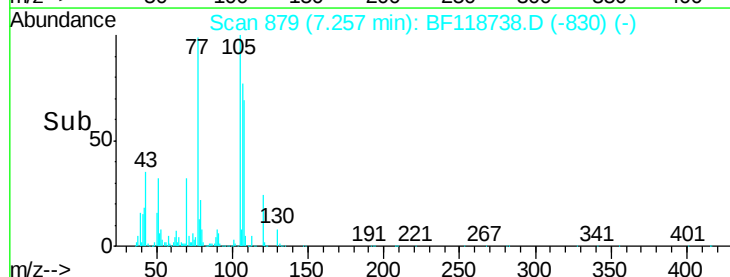


Abundance Ion 105.00 (104.70 to 105.70): E

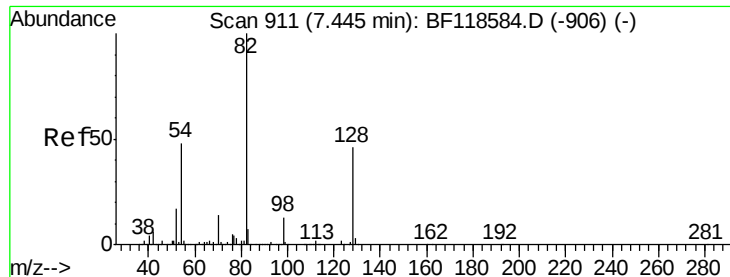
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



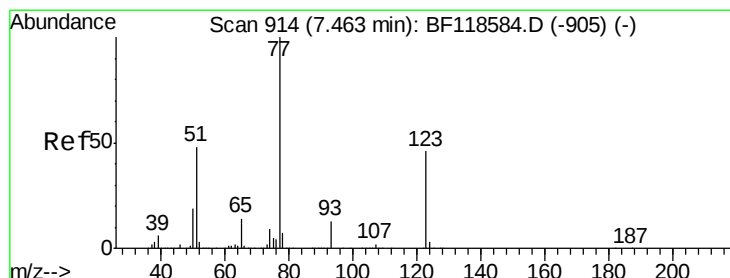
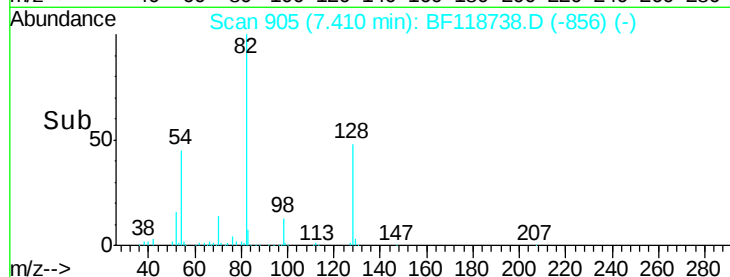
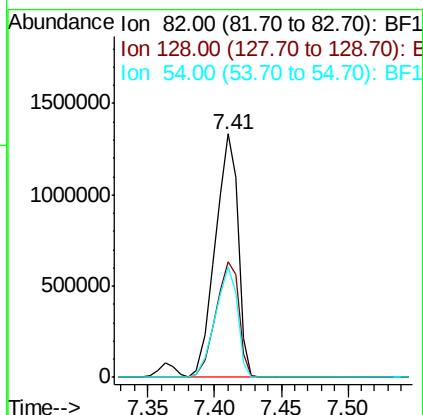
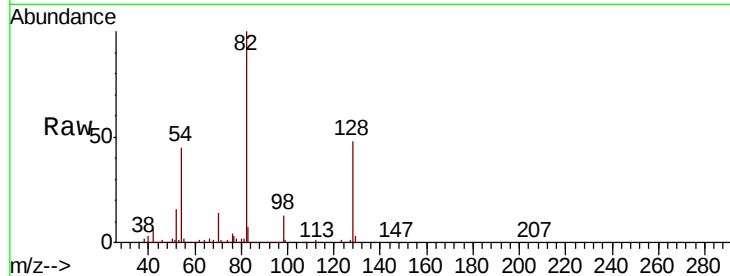
Time--> 7.20 7.30 7.40



#23
 Nitrobenzene-d5
 Concen: 87.331 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

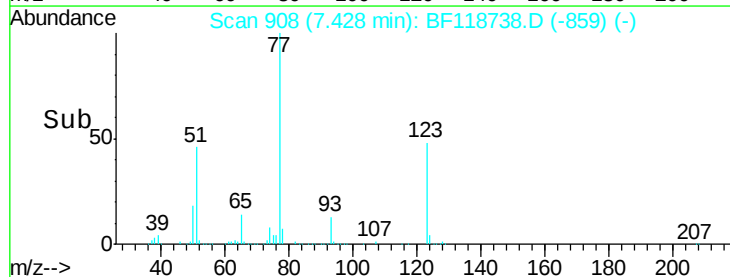
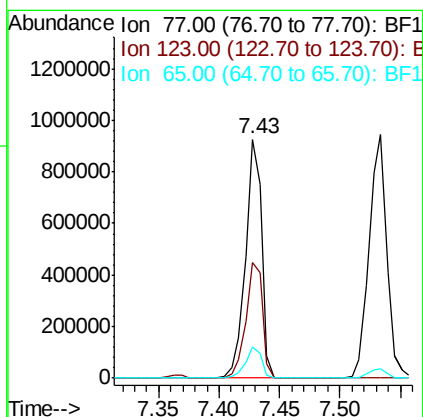
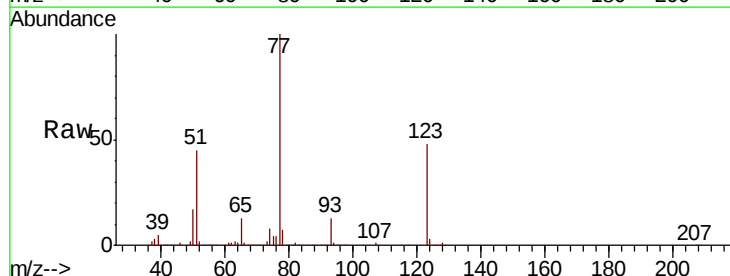
Instrument :
 BNA_F
 ClientSampleId :

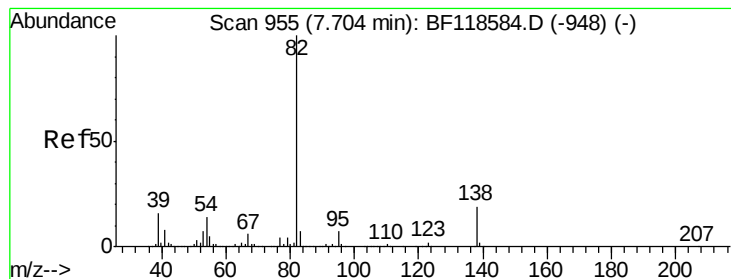
Tot Ion: 82 Resp: 1607326
 Ion Ratio Lower Upper
 82 100
 128 47.7 38.2 57.2
 54 45.3 36.1 54.1



#24
 Nitrobenzene
 Concen: 45.753 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion: 77 Resp: 862236
 Ion Ratio Lower Upper
 77 100
 123 48.5 39.2 58.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 46.705 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

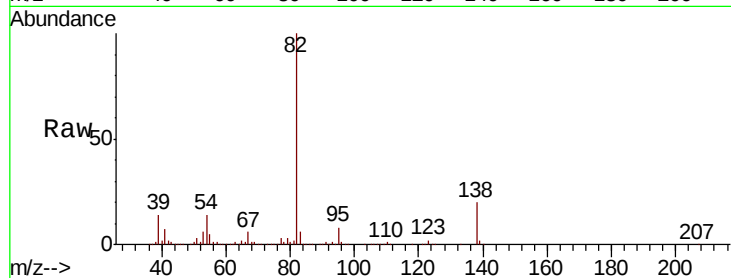
Tot Ion: 82 Resp: 1567871

Ion Ratio Lower Upper

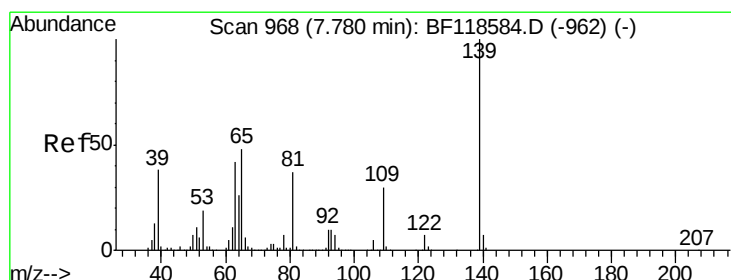
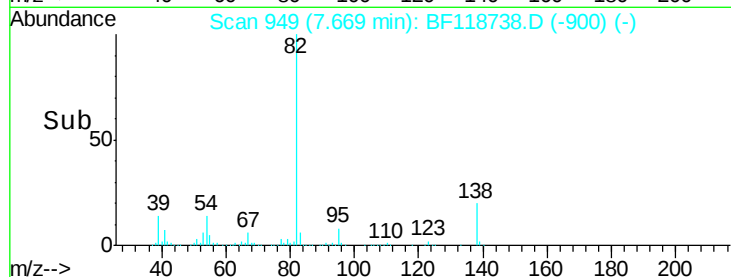
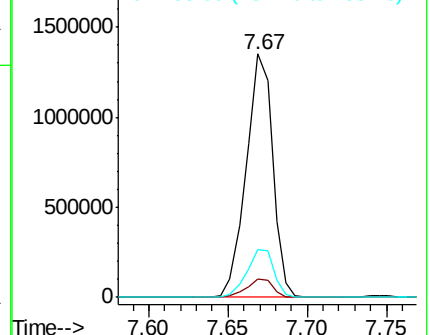
82 100

95 7.5 5.8 8.8

138 19.8 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: 58.504 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

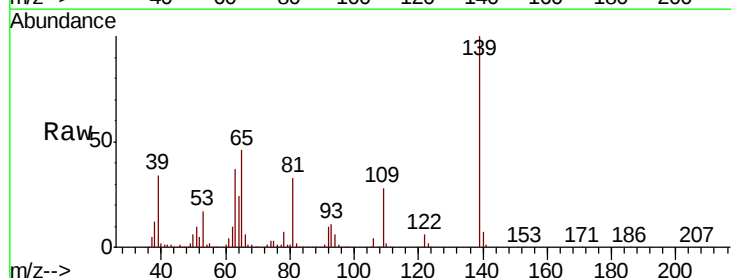
Tgt Ion: 139 Resp: 470168

Ion Ratio Lower Upper

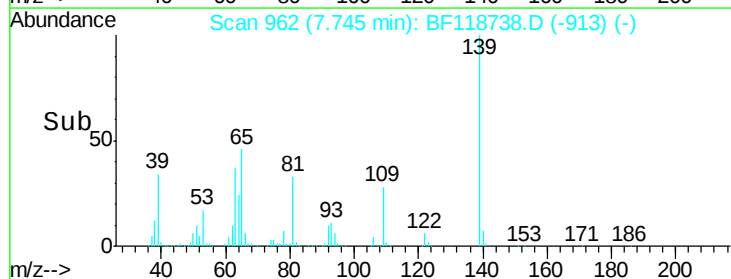
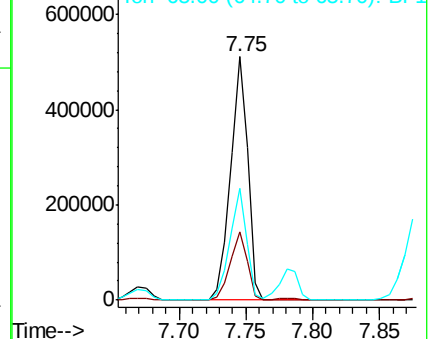
139 100

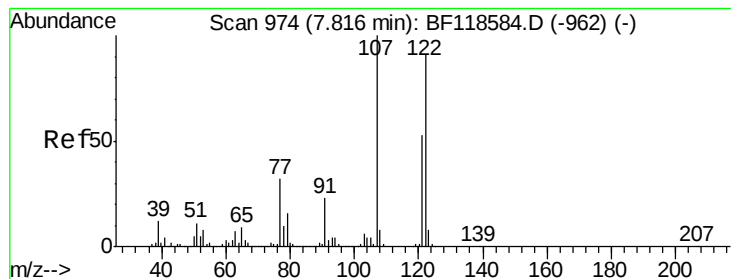
109 28.2 23.1 34.7

65 45.8 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

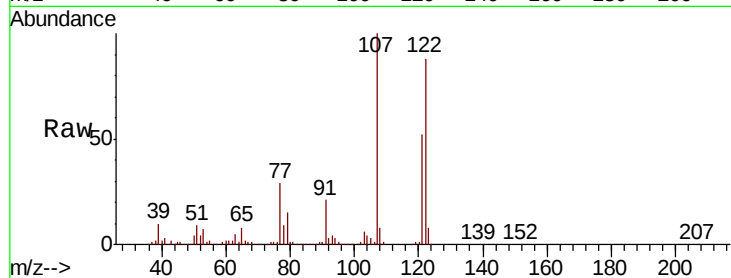




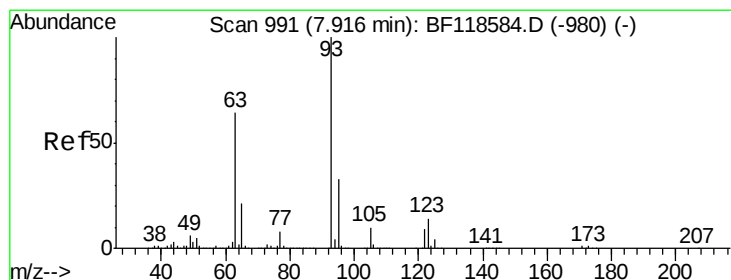
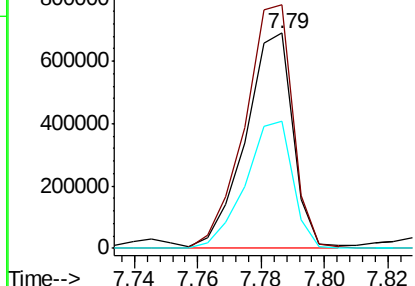
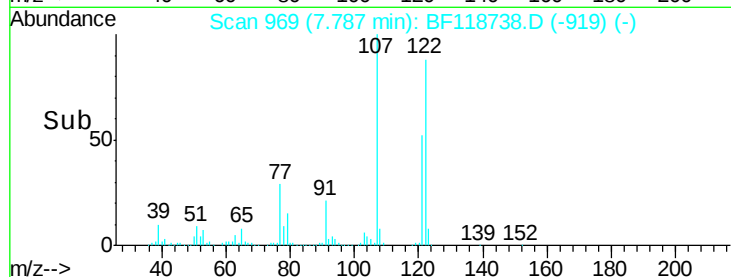
#27
 2,4-Dimethylphenol
 Concen: 51.827 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 719231
 Ion Ratio Lower Upper
 122 100
 107 113.3 91.8 137.8
 121 59.4 46.8 70.2

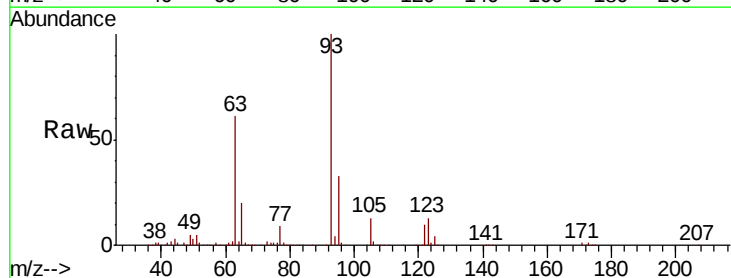


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

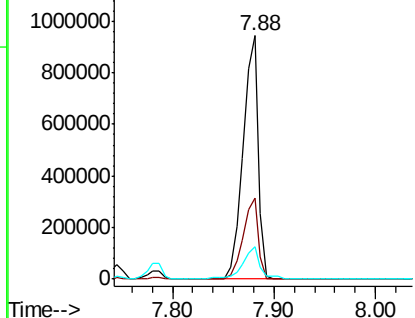
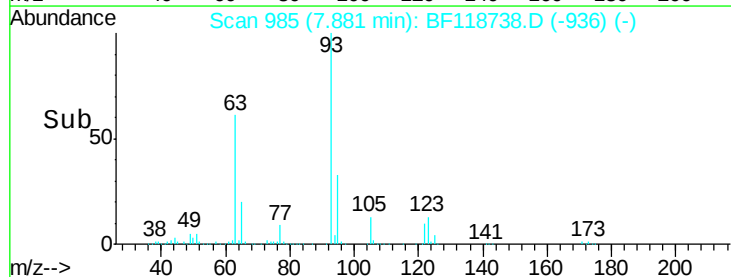


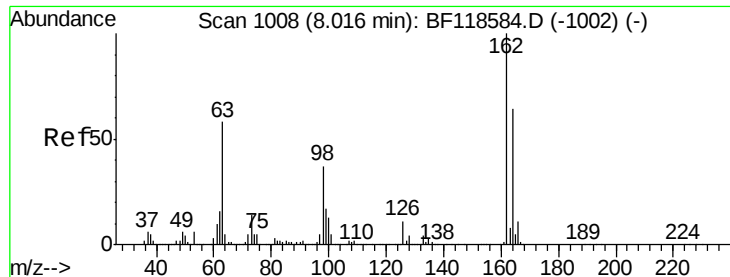
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.086 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion: 93 Resp: 975225
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.8 40.2
 123 13.3 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

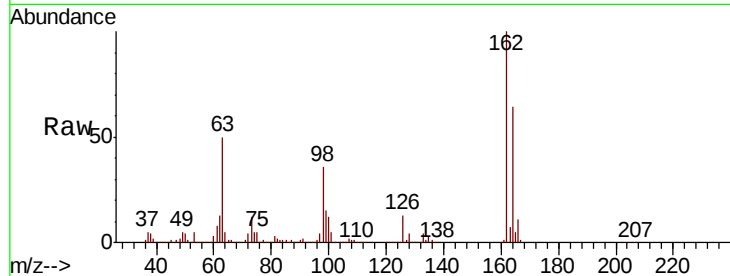




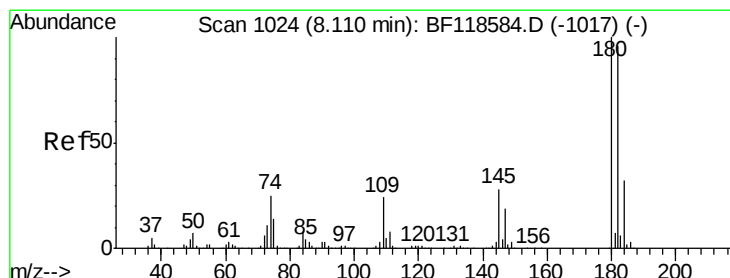
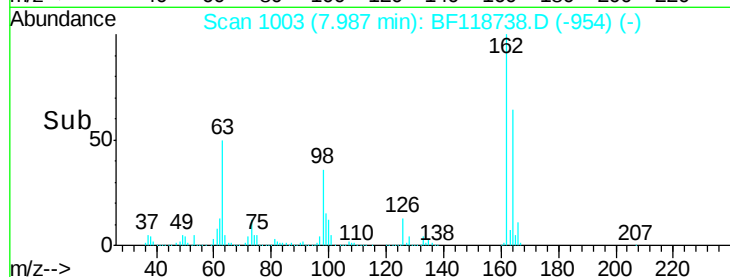
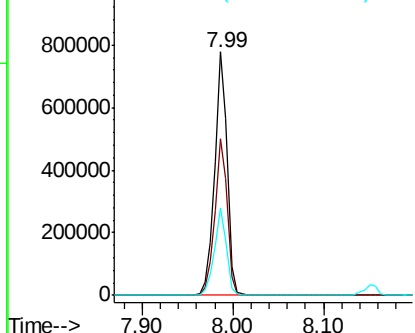
#29
2,4-Dichlorophenol
Concen: 48.669 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 746634
Ion Ratio Lower Upper
162 100
164 64.2 43.8 83.8
98 35.9 15.0 55.0

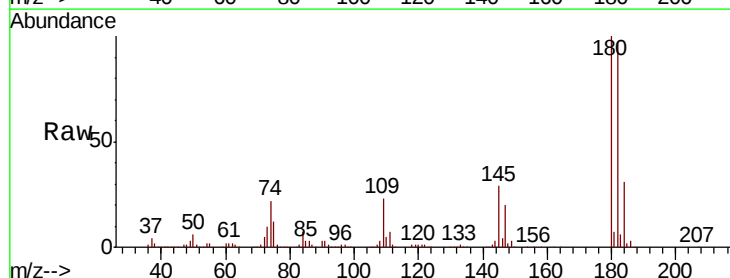


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

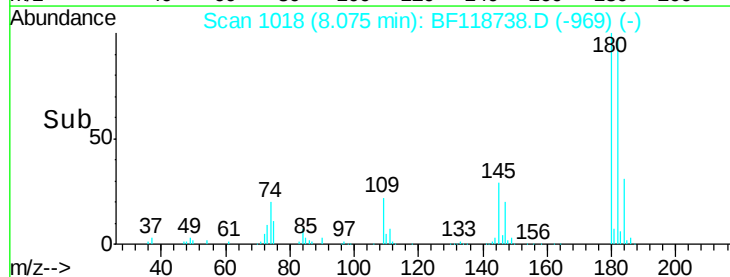
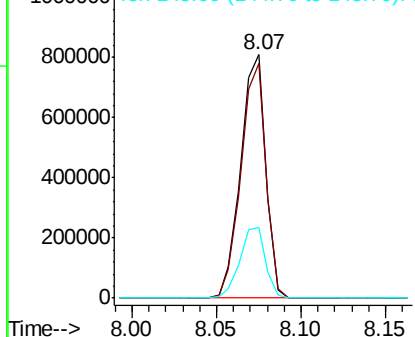


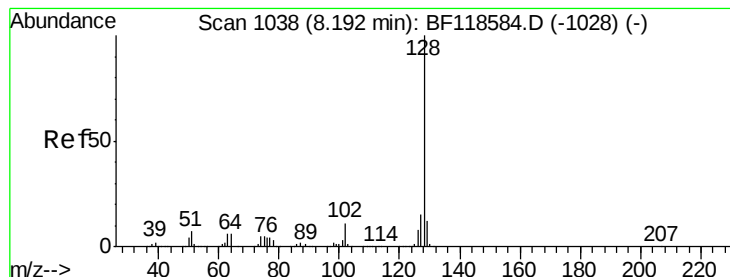
#30
1,2,4-Trichlorobenzene
Concen: 47.116 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:180 Resp: 838073
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.4
145 28.9 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: 50.815 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampled :

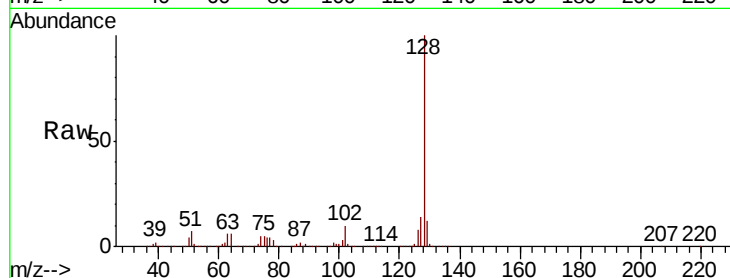
Tot Ion:128 Resp: 2363133

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

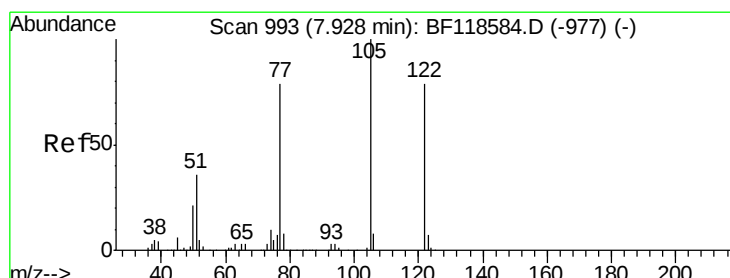
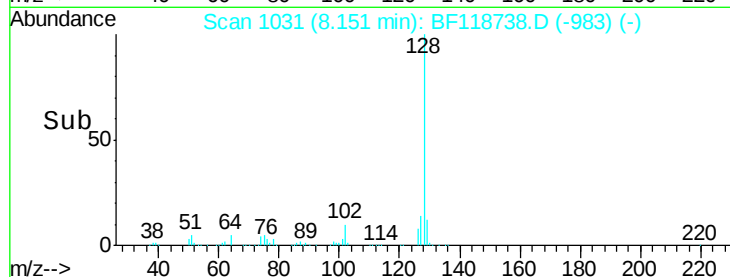
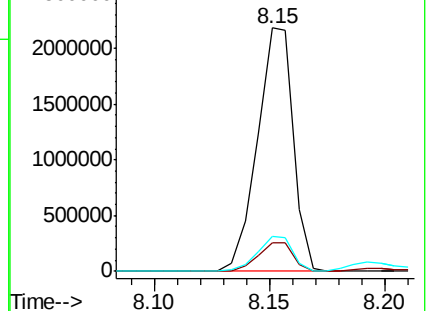
127 14.2 11.3 16.9



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: 43.216 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

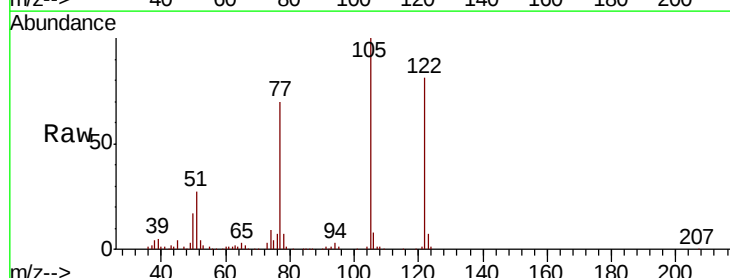
Tgt Ion:122 Resp: 450098

Ion Ratio Lower Upper

122 100

105 123.0 100.9 140.9

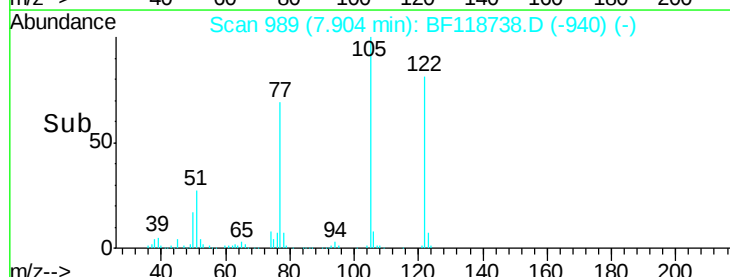
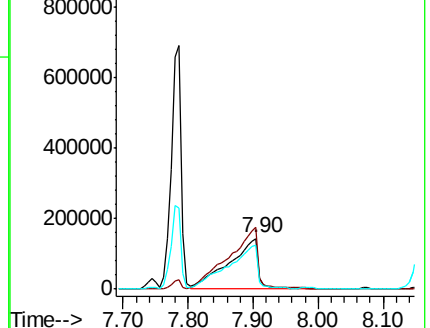
77 86.1 65.1 105.1

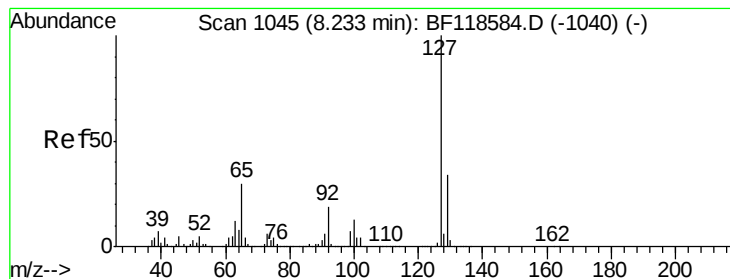


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.249 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 134317

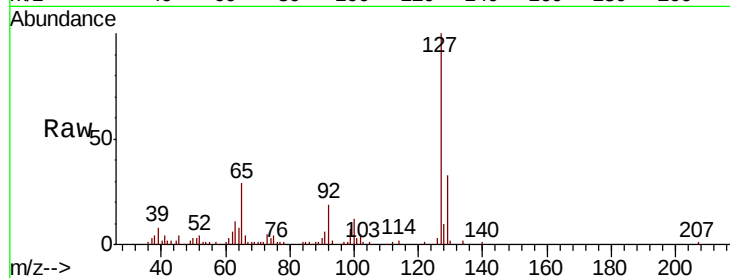
Ion Ratio Lower Upper

127 100

129 33.4 26.4 39.6

65 28.8 22.6 33.8

92 18.7 15.3 22.9

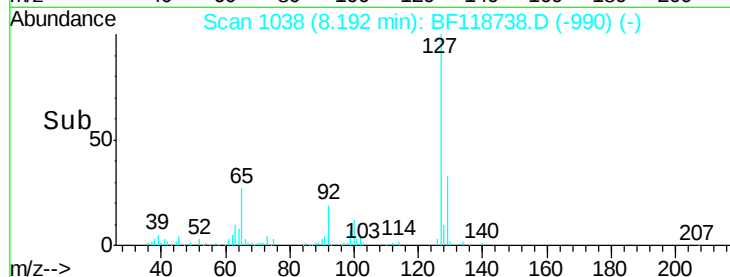


Abundance Ion 127.00 (126.70 to 127.70): E

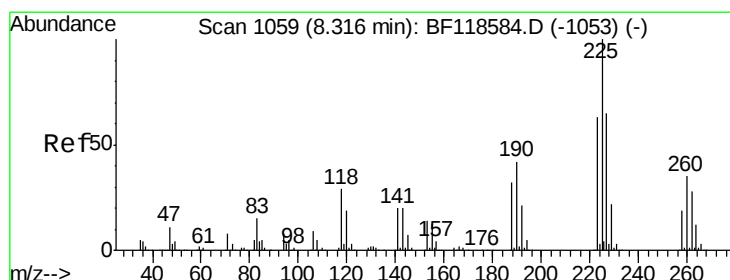
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 46.074 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

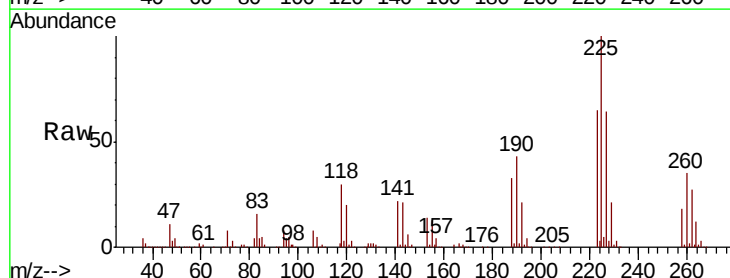
Tgt Ion:225 Resp: 499083

Ion Ratio Lower Upper

225 100

223 64.5 50.3 75.5

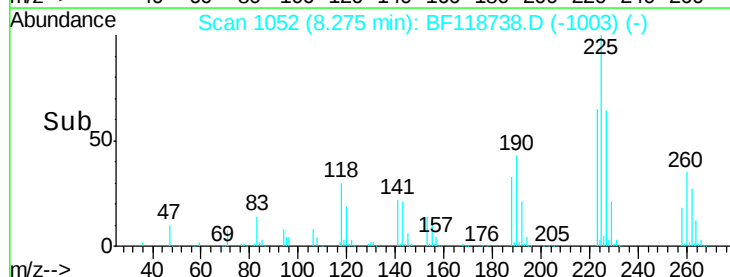
227 64.3 50.5 75.7



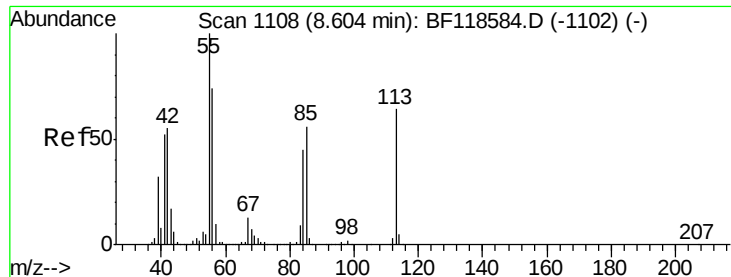
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



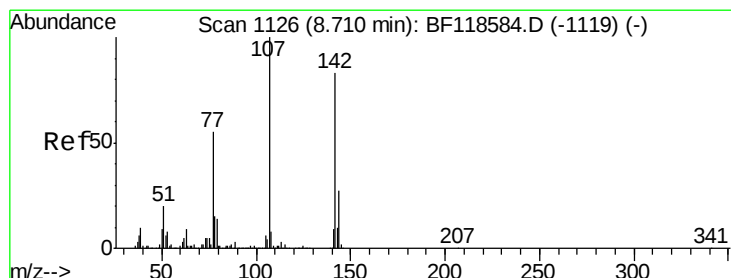
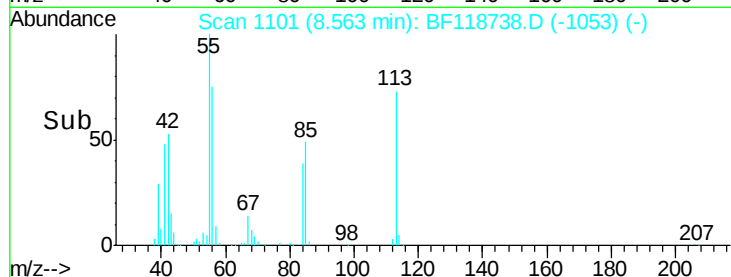
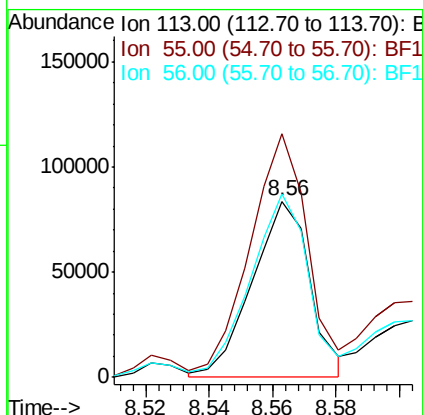
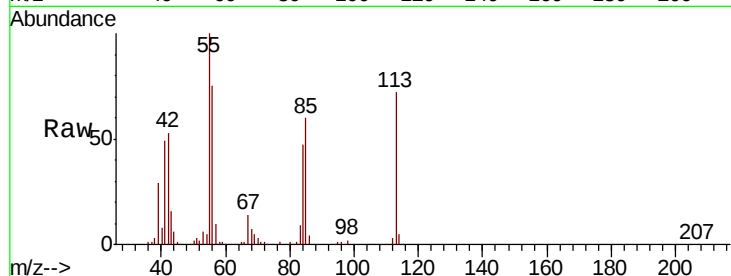
Time-->



#35
Caprolactam
Concen: 21.062 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

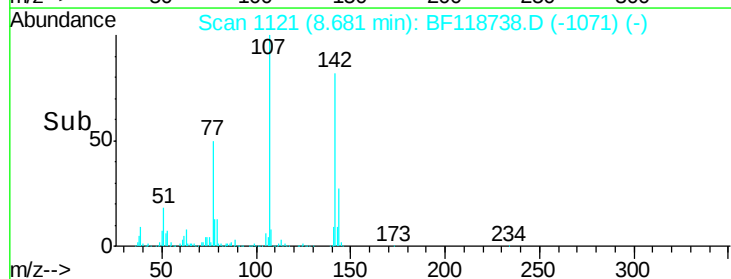
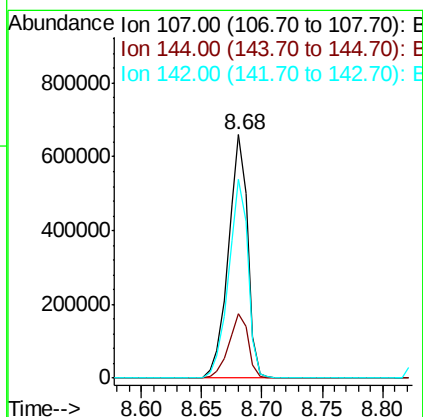
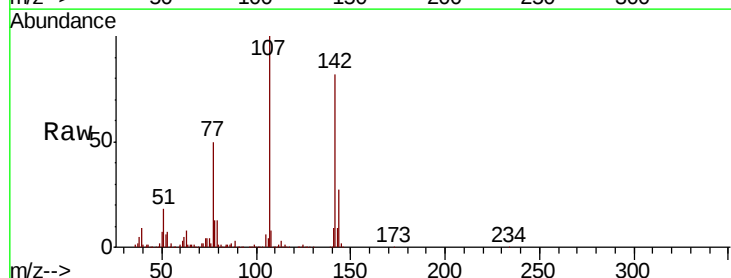
Instrument :
BNA_F
ClientSampleId :

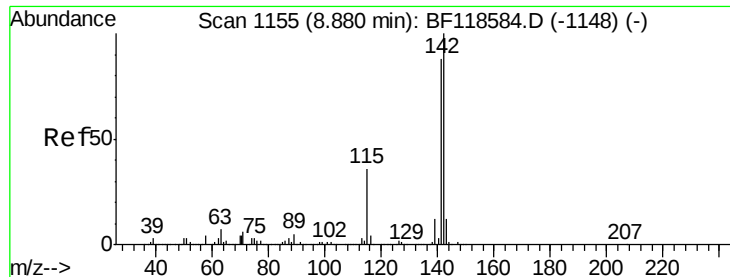
Tot Ion:113 Resp: 105738
Ion Ratio Lower Upper
113 100
55 138.2 119.0 159.0
56 104.0 85.4 125.4



#36
4-Chloro-3-methylphenol
Concen: 48.511 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:107 Resp: 734905
Ion Ratio Lower Upper
107 100
144 26.7 20.9 31.3
142 81.8 64.5 96.7

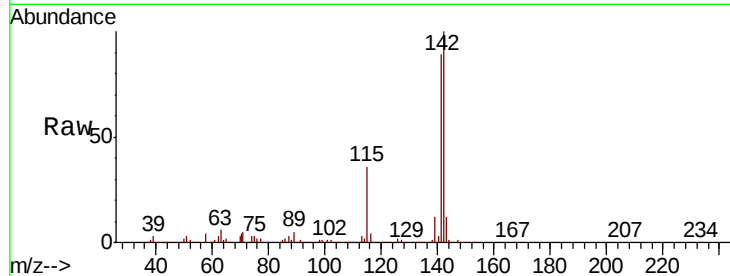




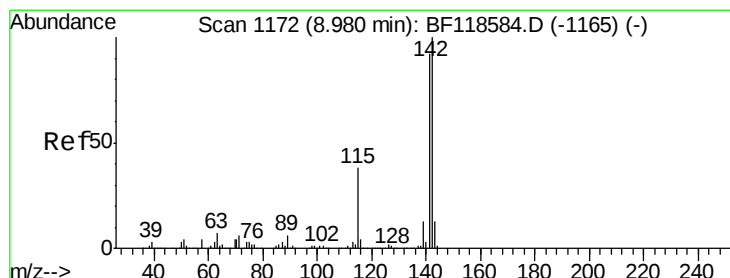
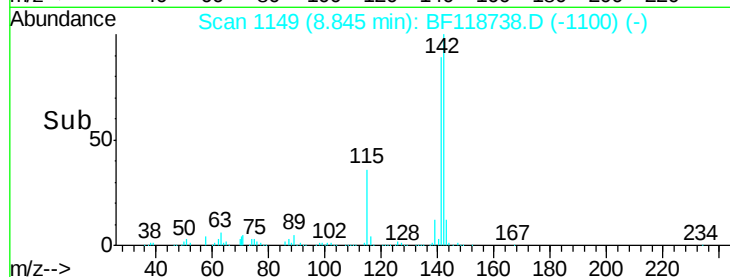
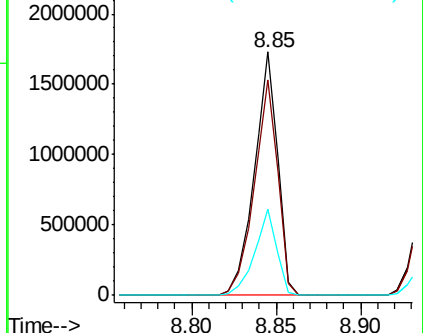
#37
2-Methylnaphthalene
Concen: 50.649 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1662580
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0
115 35.6 27.5 41.3

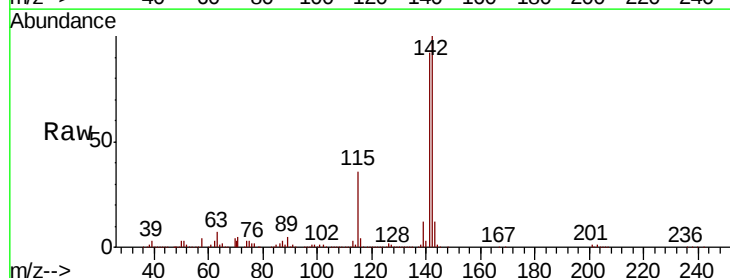


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

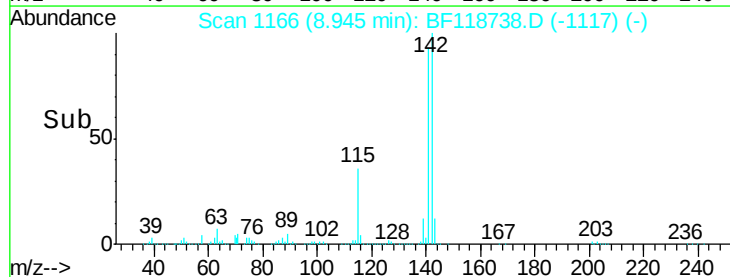
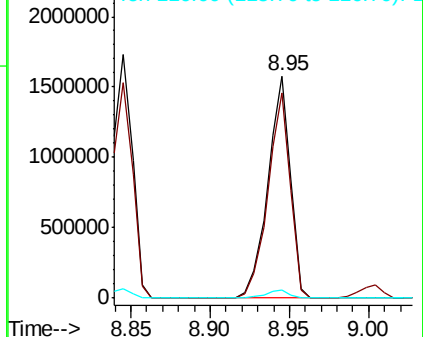


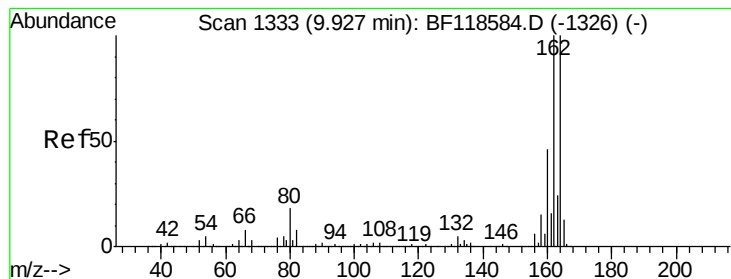
#38
1-Methylnaphthalene
Concen: 49.992 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:142 Resp: 1559034
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 3.8 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

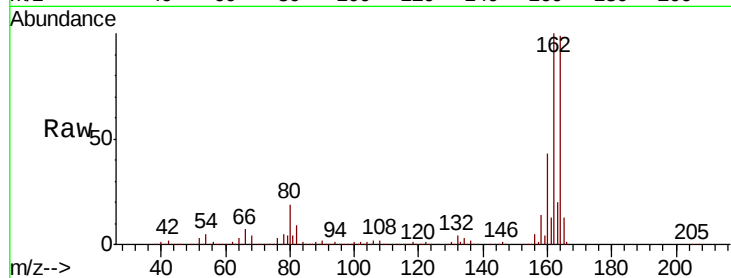
Tot Ion:164 Resp: 551815

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

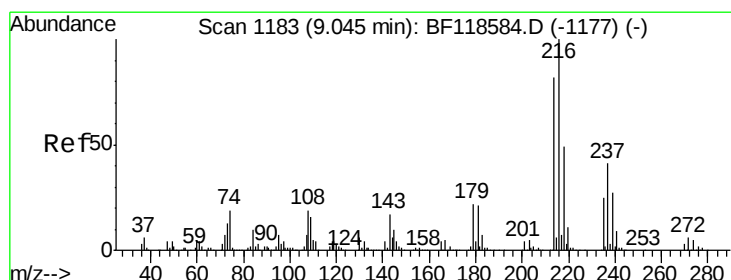
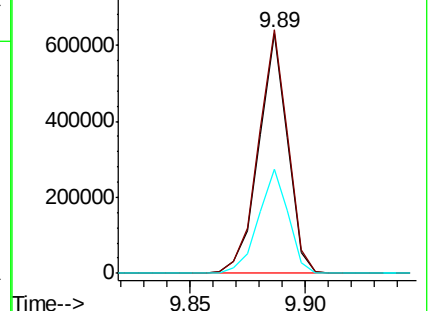
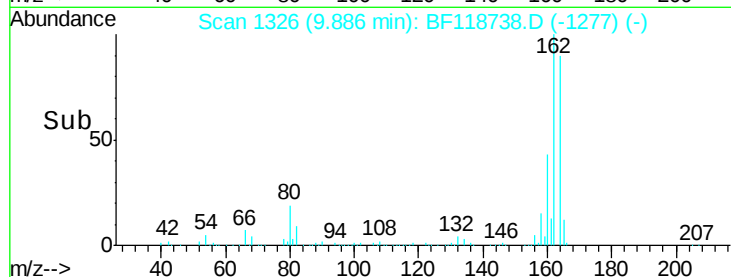
160 43.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.744 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:216 Resp: 807078

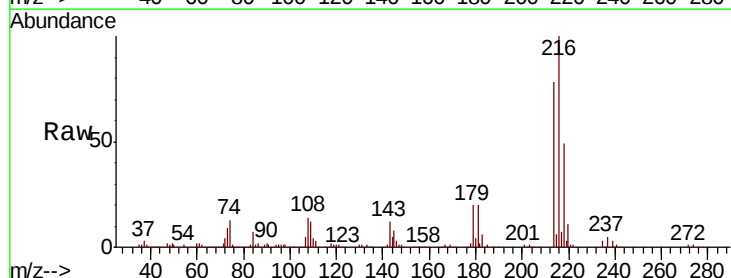
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 21.1 17.0 25.4

108 18.5 13.0 19.6

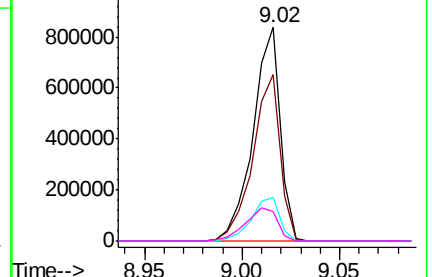
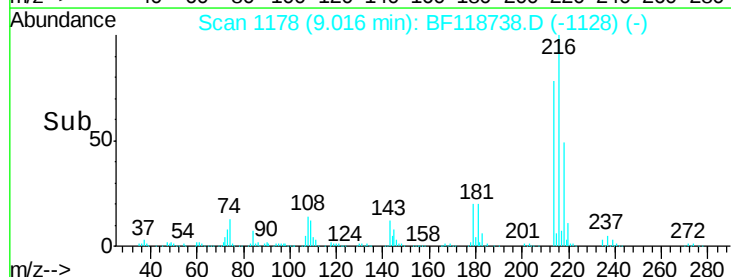


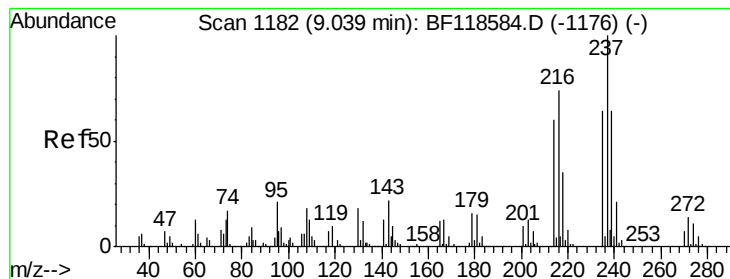
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.141 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

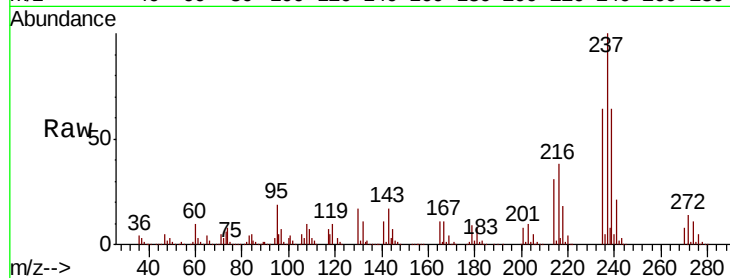
Tot Ion:237 Resp: 802663

Ion Ratio Lower Upper

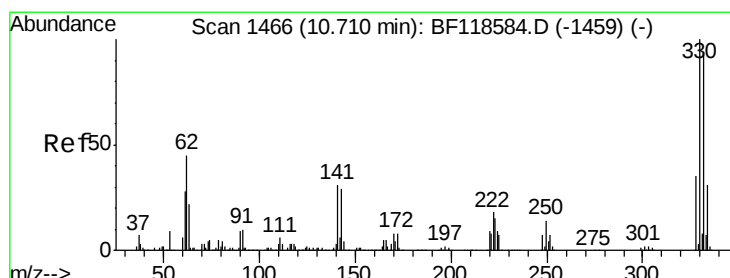
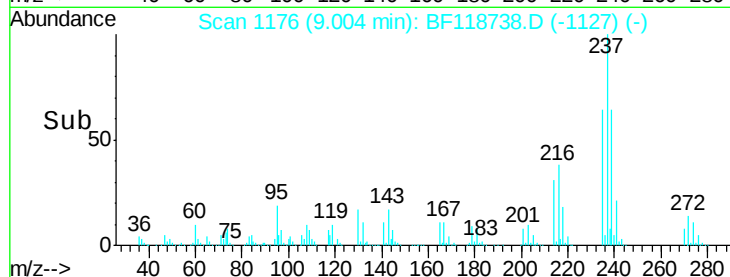
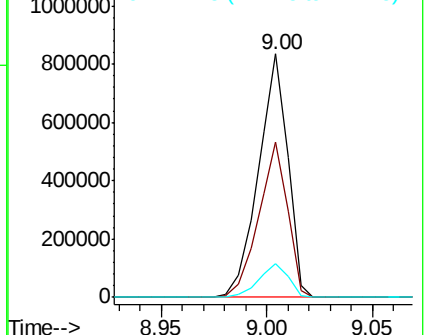
237 100

235 63.8 42.7 82.7

272 13.9 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: 134.560 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

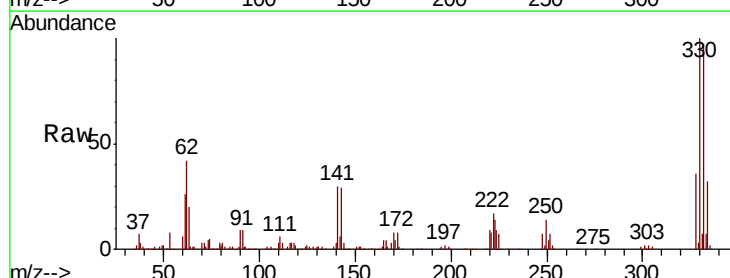
Tgt Ion:330 Resp: 858821

Ion Ratio Lower Upper

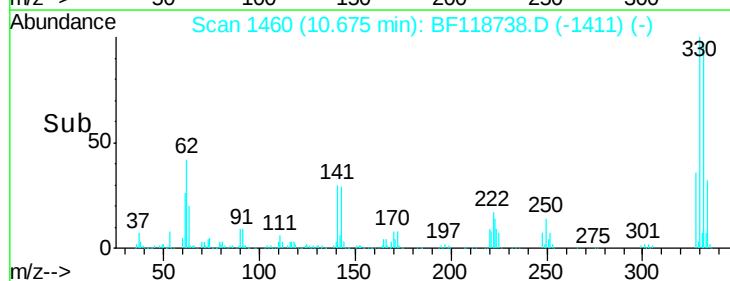
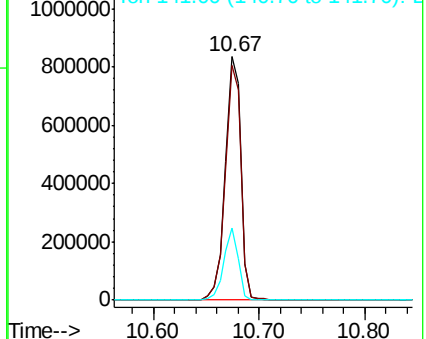
330 100

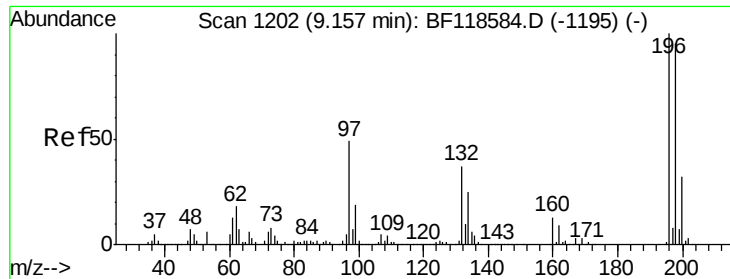
332 96.6 77.6 116.4

141 27.8 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

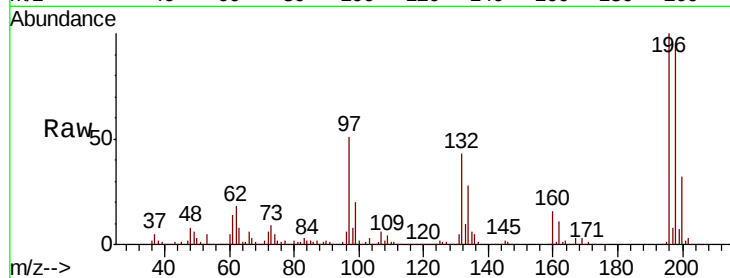




#43
 2,4,6-Trichlorophenol
 Concen: 49.404 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.4	114.6
200	31.6	25.4	38.2

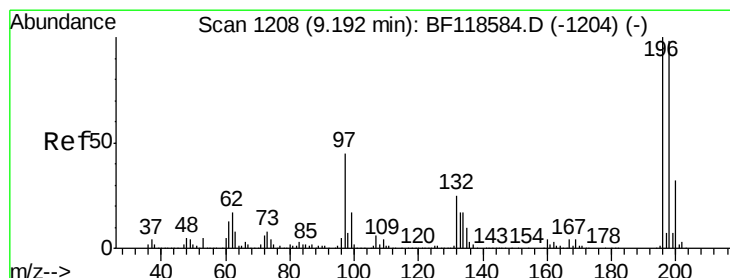
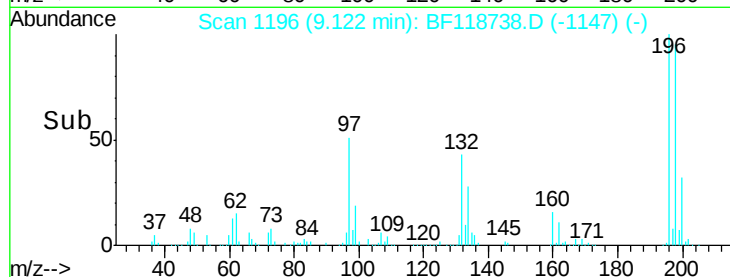
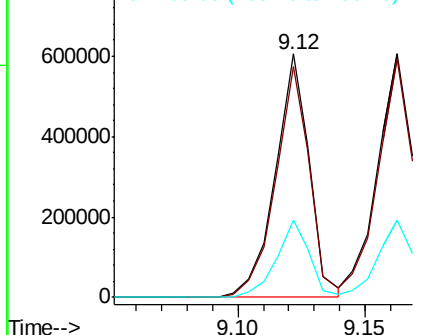


Abundance

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: 49.802 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.4
97	45.1	35.7	53.5
132	26.4	21.4	32.0

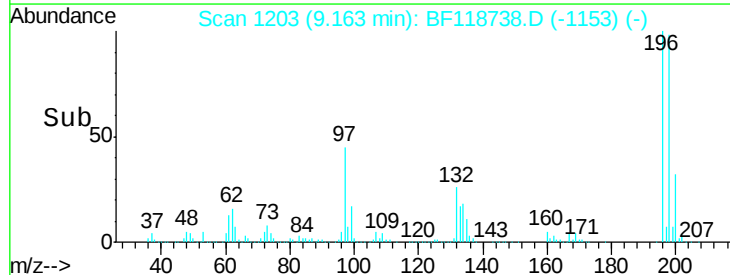
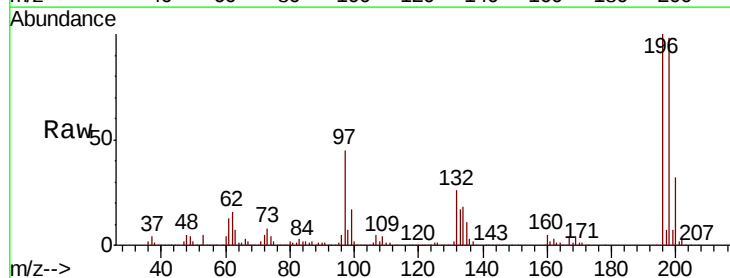
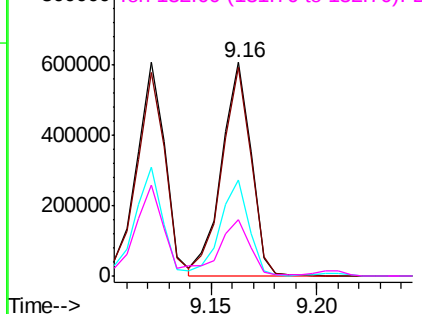
Abundance

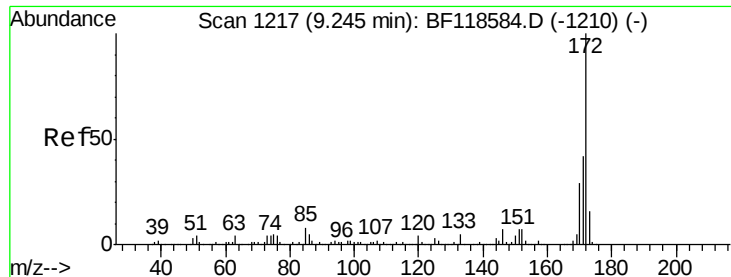
Ion 196.00 (195.70 to 196.70): E

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



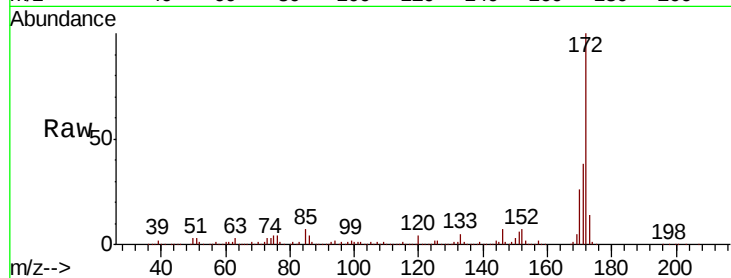


#45
 2-Fluorobiphenyl
 Concen: 91.711 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

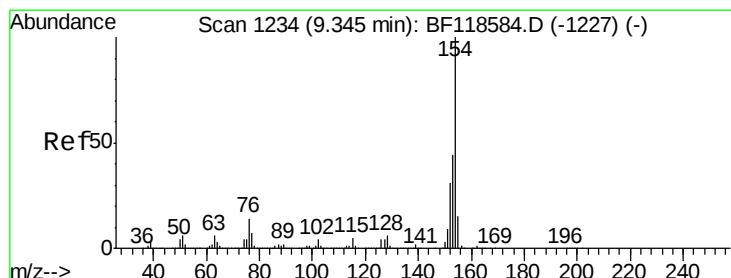
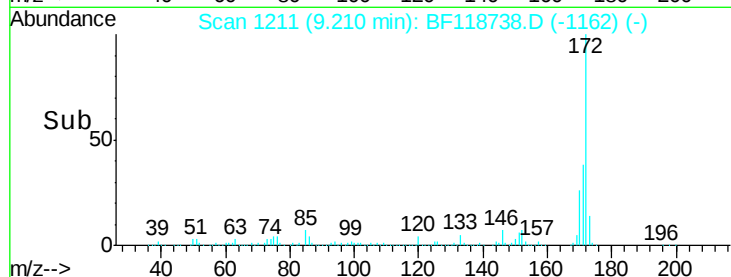
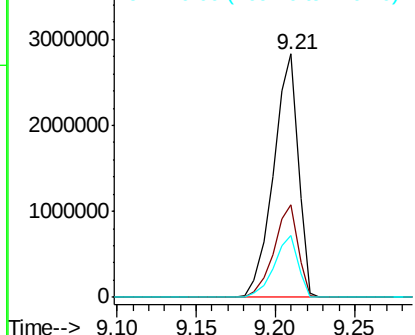
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3079021

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.6	20.7	31.1



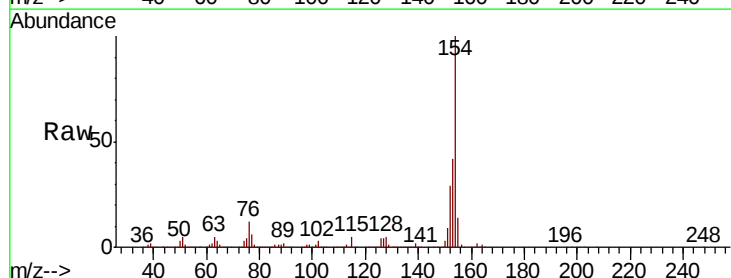
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



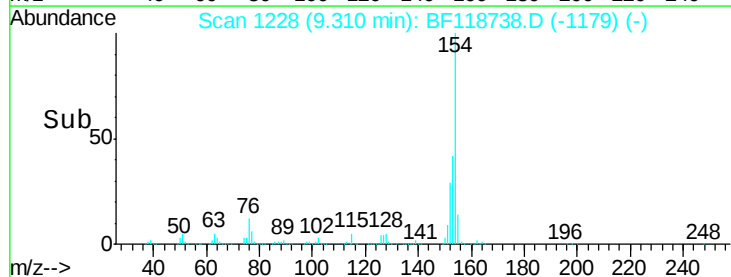
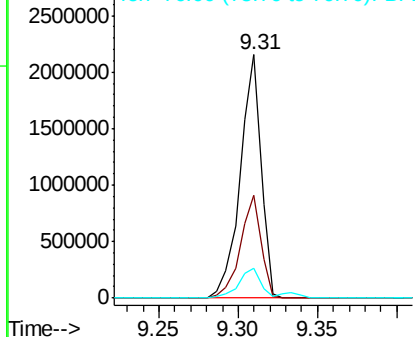
#46
 1,1'-Biphenyl
 Concen: 51.592 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

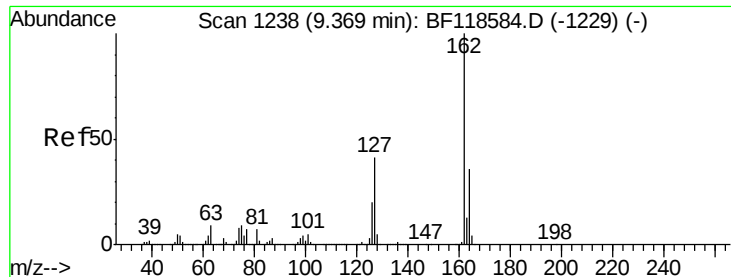
Tgt Ion:154 Resp: 1962092

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.3	62.3
76	12.5	0.0	32.0



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

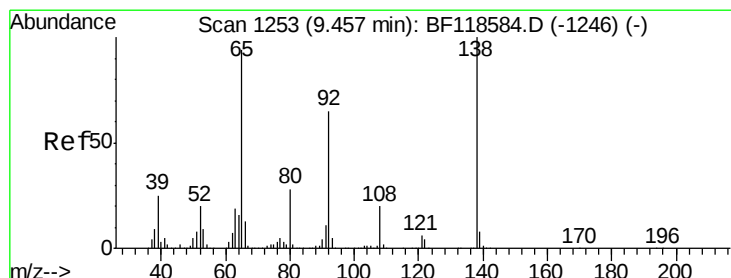
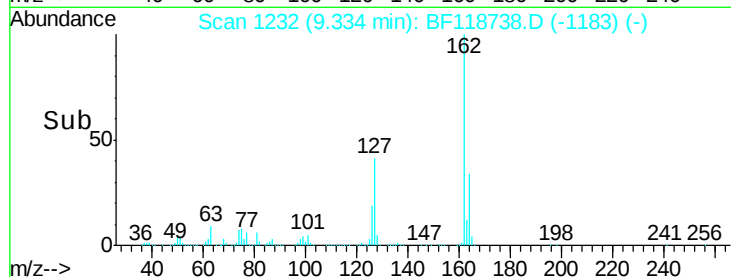
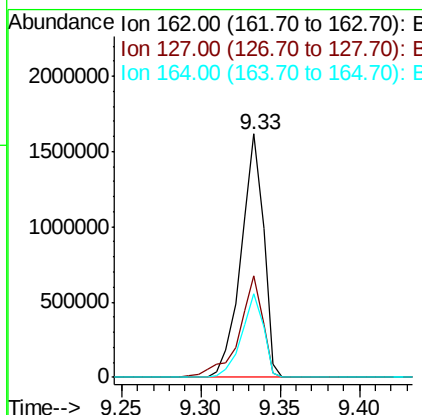
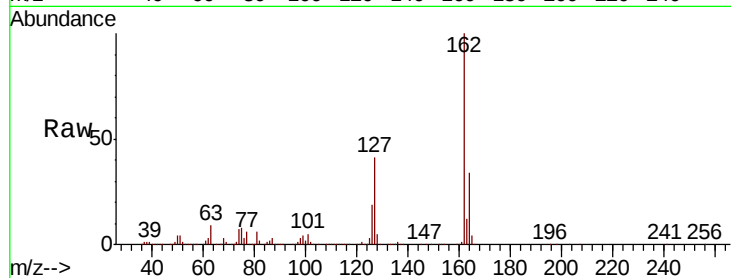




#47
 2-Chloronaphthalene
 Concen: 49.357 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

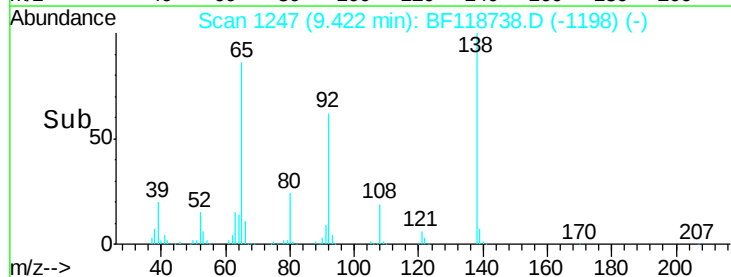
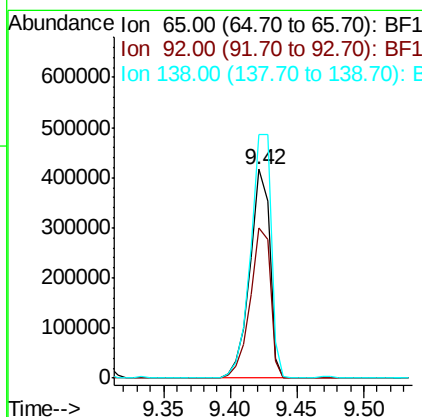
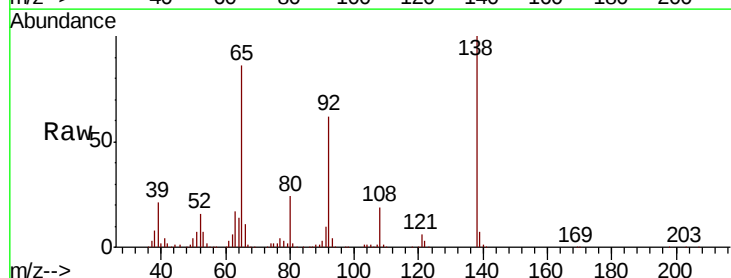
Instrument :
 BNA_F
 ClientSampleId :

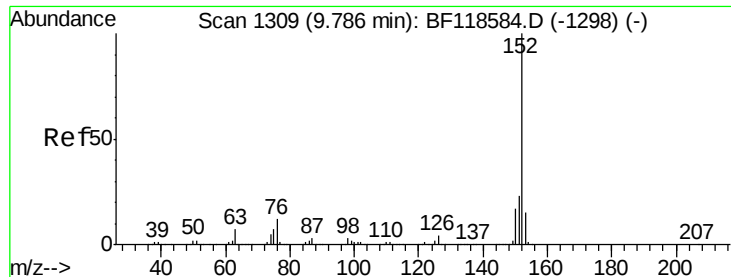
Tot Ion:162 Resp: 1582162
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.9 49.3
 164 34.1 27.5 41.3



#48
 2-Nitroaniline
 Concen: 42.962 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion: 65 Resp: 423338
 Ion Ratio Lower Upper
 65 100
 92 72.2 57.8 86.6
 138 116.7 95.1 142.7





#49

Acenaphthylene

Concen: 53.204 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

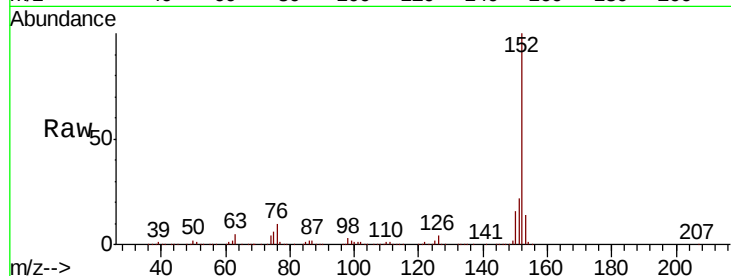
Tot Ion:152 Resp: 2399267

Ion Ratio Lower Upper

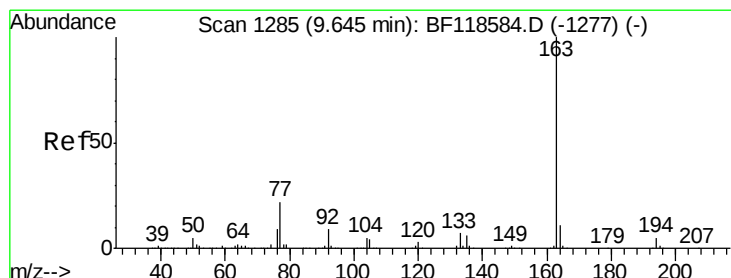
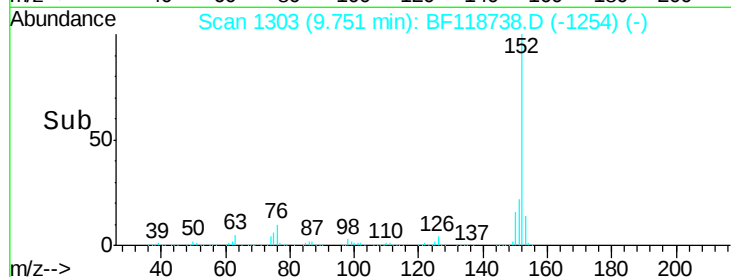
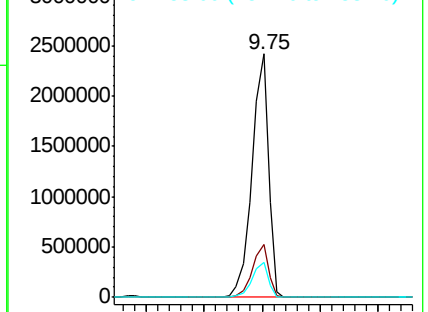
152 100

151 21.7 17.1 25.7

153 14.1 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: 53.602 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

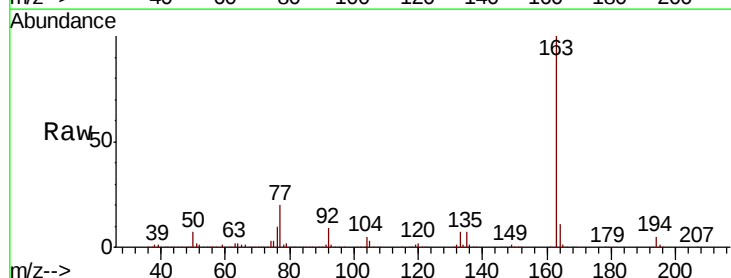
Tgt Ion:163 Resp: 1927059

Ion Ratio Lower Upper

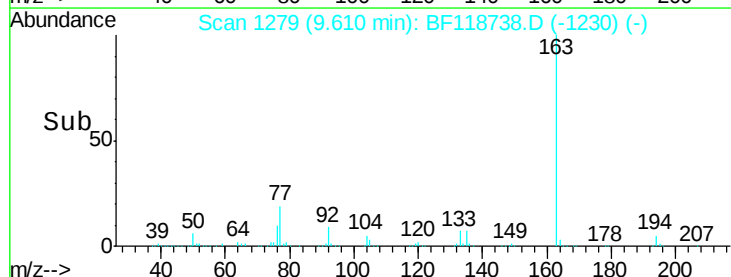
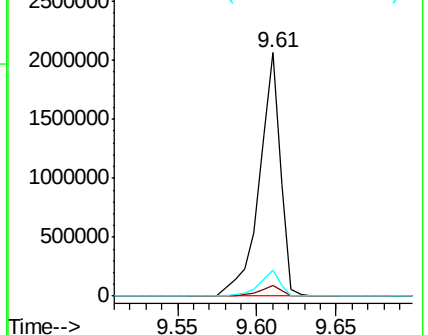
163 100

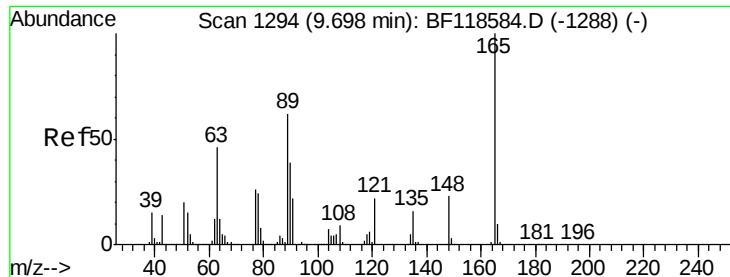
194 4.6 3.7 5.5

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

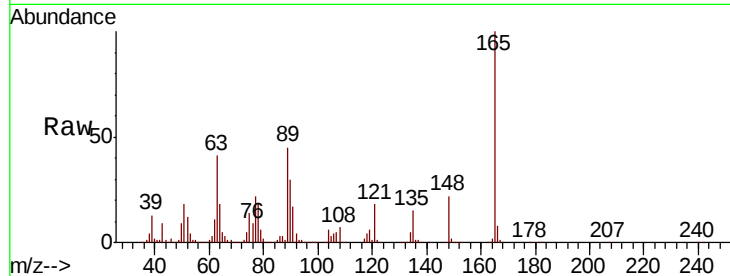




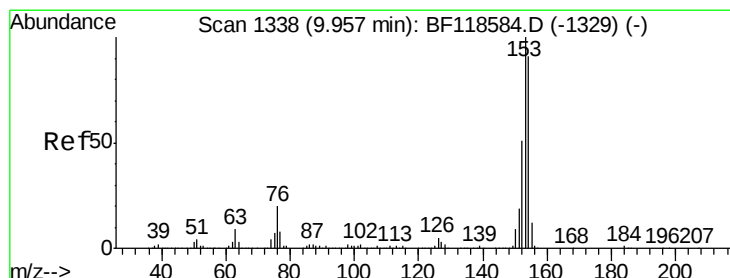
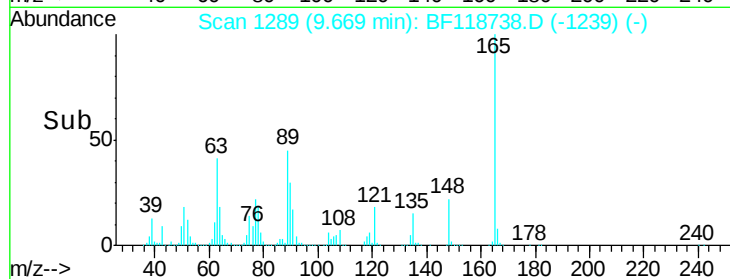
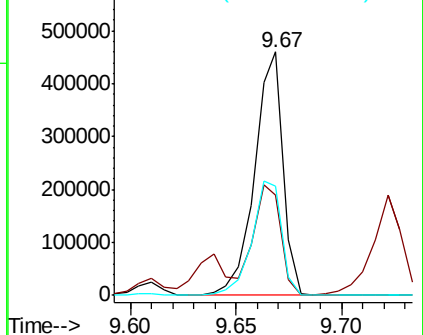
#51
2,6-Dinitrotoluene
Concen: 53.384 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 429772
Ion Ratio Lower Upper
165 100
63 41.2 39.8 59.6
89 45.1 41.4 62.2

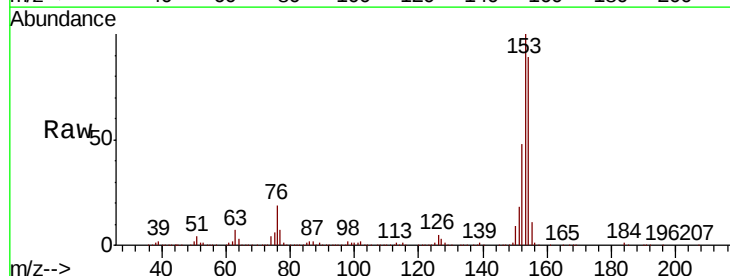


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

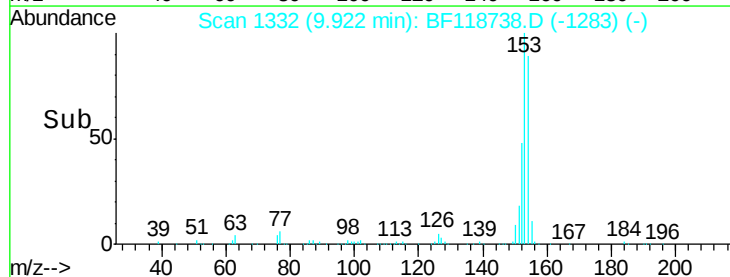
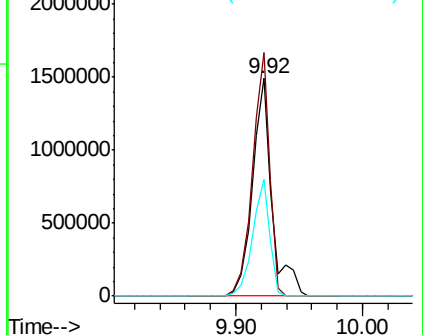


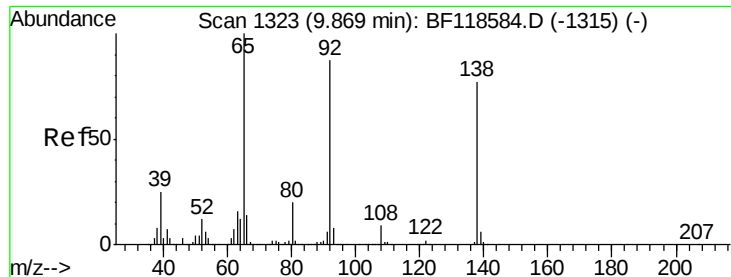
#52
Acenaphthene
Concen: 53.258 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:154 Resp: 1605954
Ion Ratio Lower Upper
154 100
153 111.8 89.1 133.7
152 53.9 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

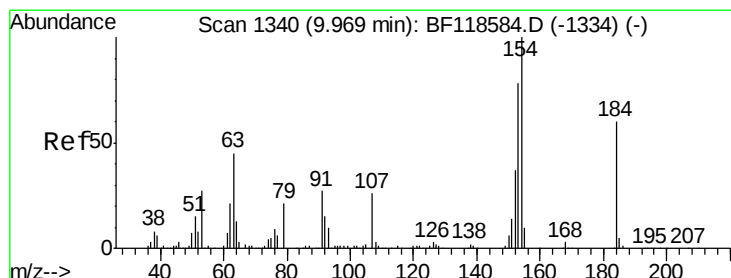
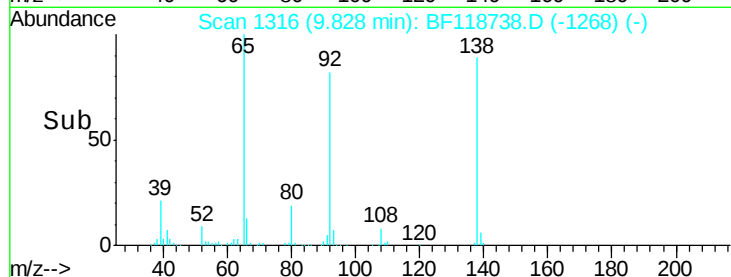
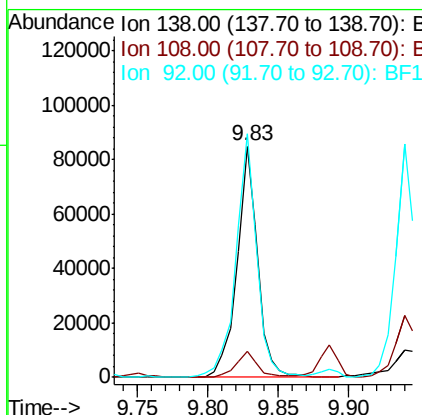
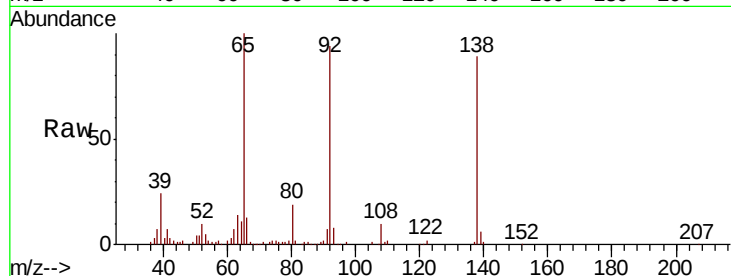




#53
3-Nitroaniline
Concen: 9.378 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

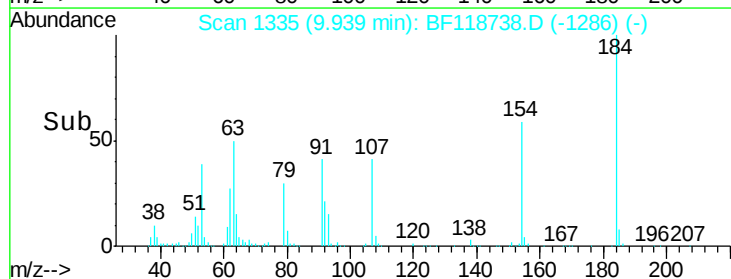
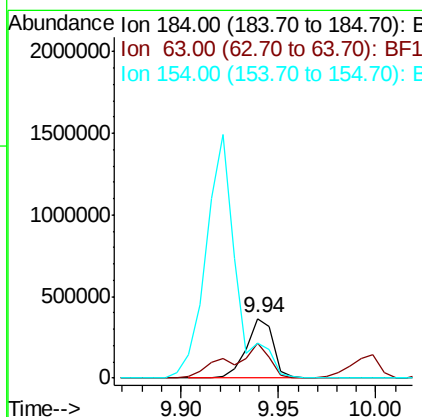
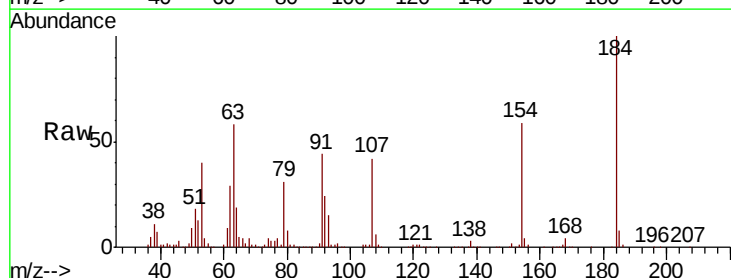
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 86209
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 105.4 87.8 131.6



#54
2,4-Dinitrophenol
Concen: 110.032 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:184 Resp: 353642
Ion Ratio Lower Upper
184 100
63 58.5 36.0 54.0#
154 58.9 44.6 66.8

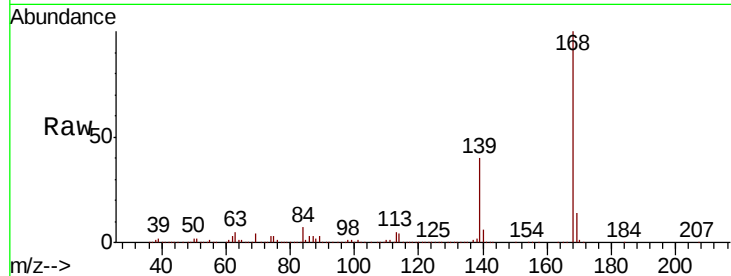




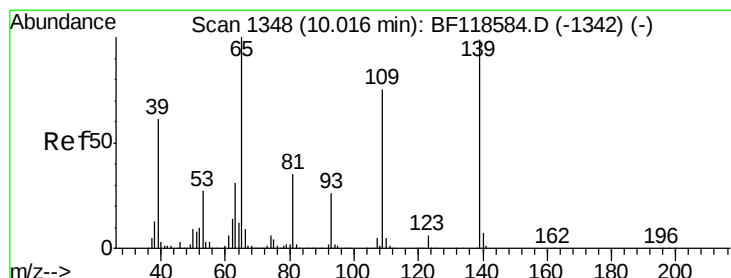
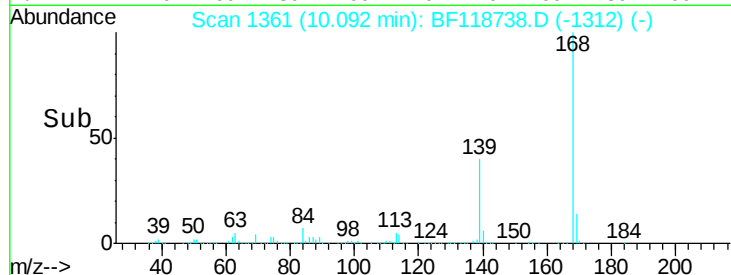
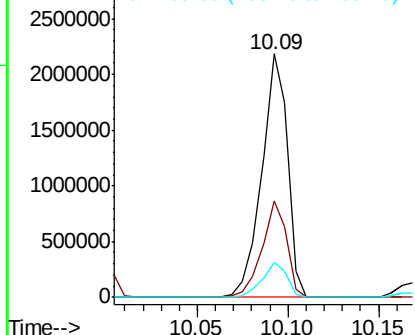
#55
Dibenzofuran
Concen: 51.702 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 2160527
Ion Ratio Lower Upper
168 100
139 39.7 31.6 47.4
169 14.3 11.4 17.0

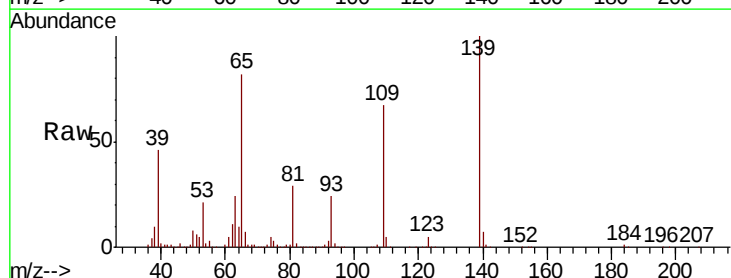


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

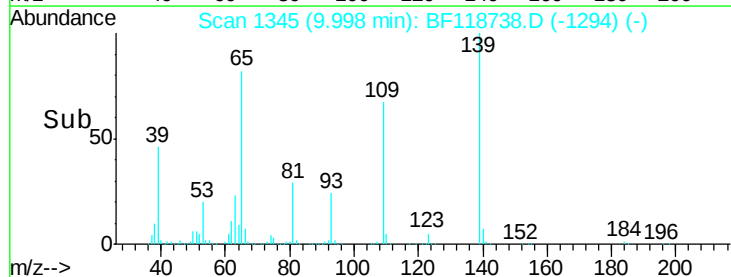
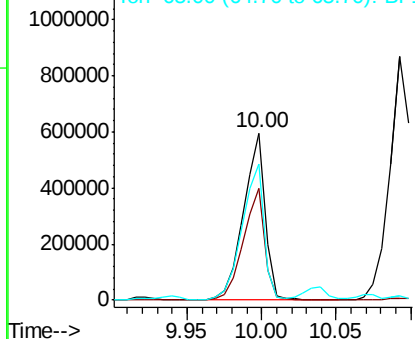


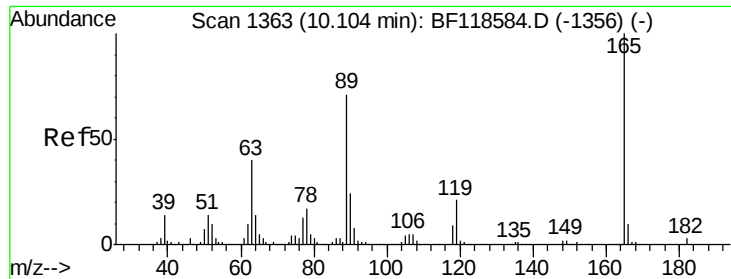
#56
4-Nitrophenol
Concen: 86.157 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:139 Resp: 597893
Ion Ratio Lower Upper
139 100
109 67.3 47.0 87.0
65 81.9 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

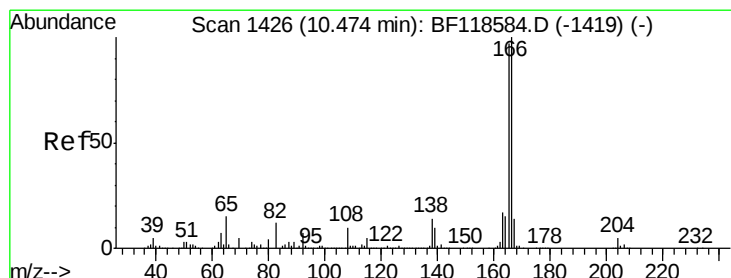
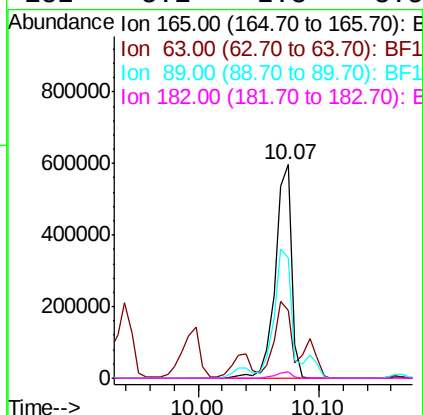
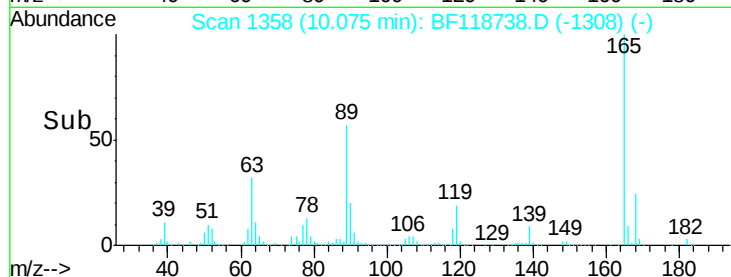
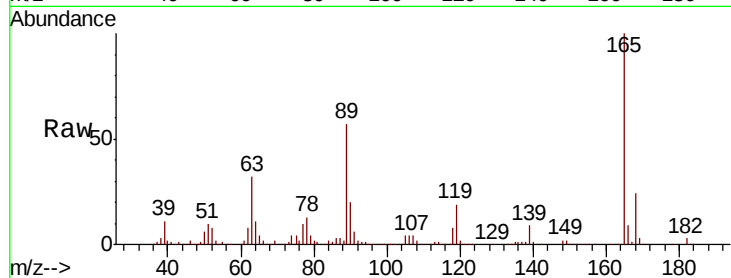




#57
2,4-Dinitrotoluene
Concen: 55.551 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

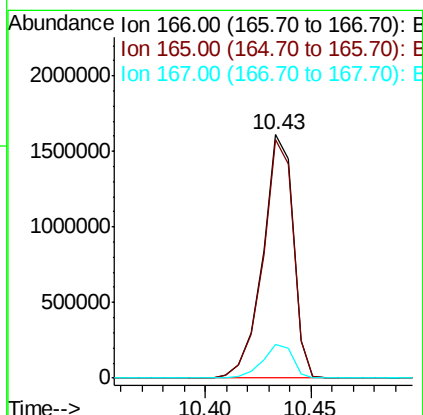
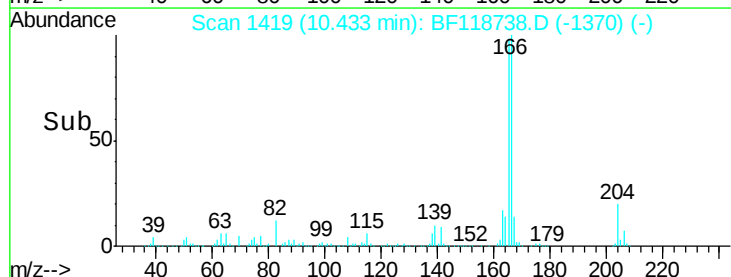
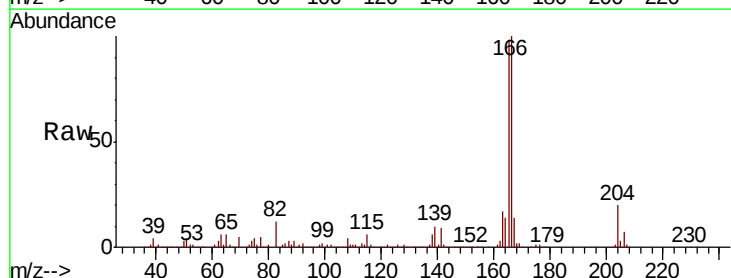
Instrument :
BNA_F
ClientSampleId :

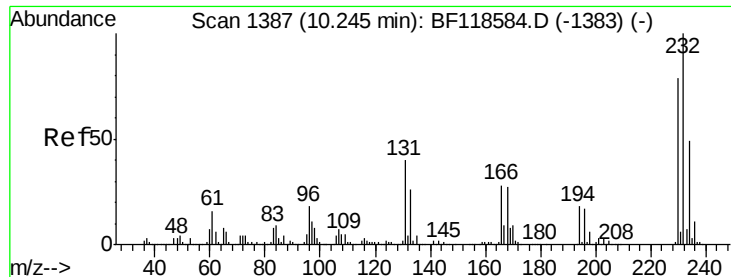
Tot Ion:165	Resp:	563777	
Ion Ratio	Lower	Upper	
165 100			
63 32.1	28.5	42.7	
89 56.6	50.4	75.6	
182 3.1	2.3	3.5	



#58
Fluorene
Concen: 49.176 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt	Ion:166	Resp:	1613252
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	14.0	11.4	17.2

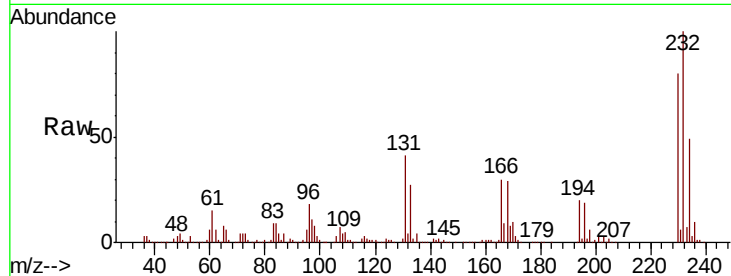




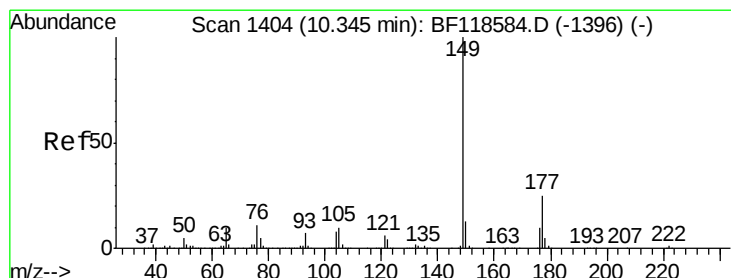
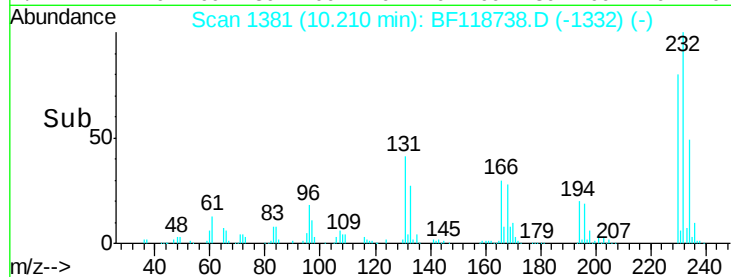
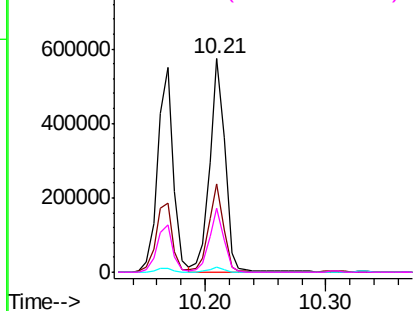
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.593 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	500123
Ion	Ratio	Lower	Upper
232	100		
131	39.6	31.8	47.6
130	2.1	1.5	2.3
166	28.4	22.8	34.2

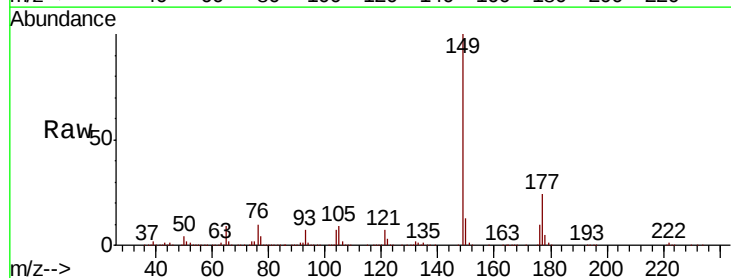


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

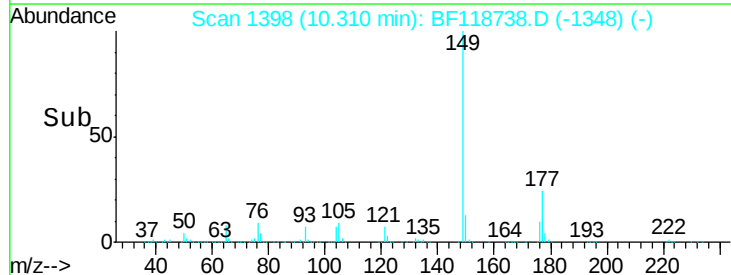
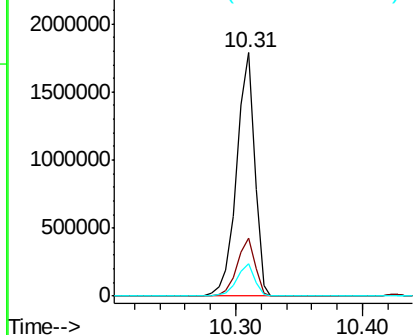


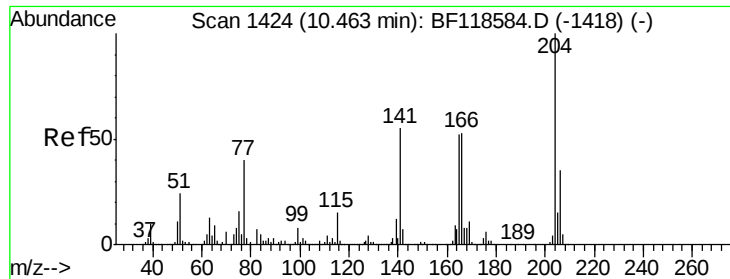
#60
 Diethylphthalate
 Concen: 49.844 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion:	149	Resp:	1737453
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	13.2	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

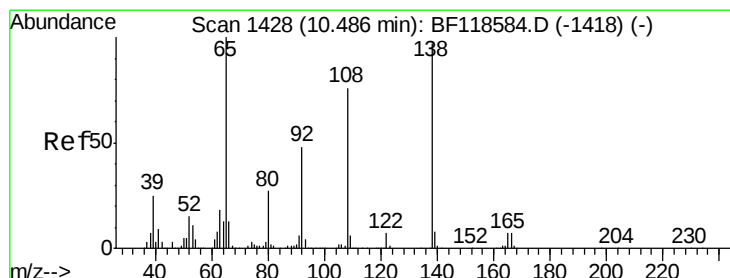
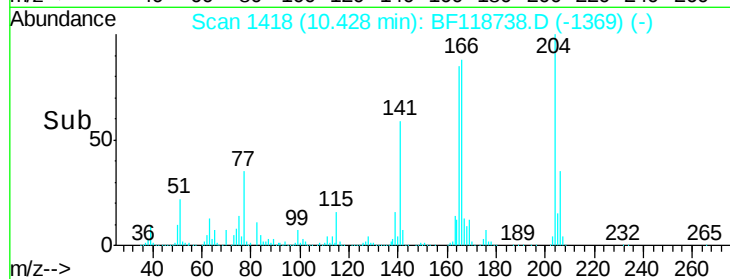
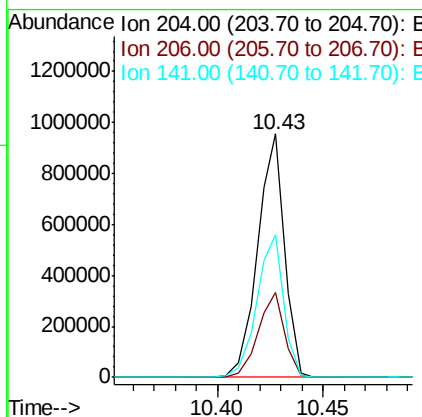
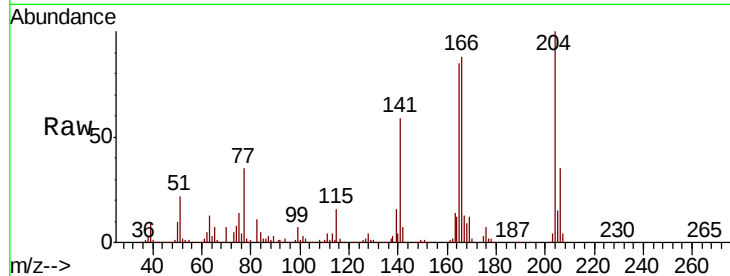




#61
 4-Chlorophenyl-phenylether
 Concen: 47.336 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

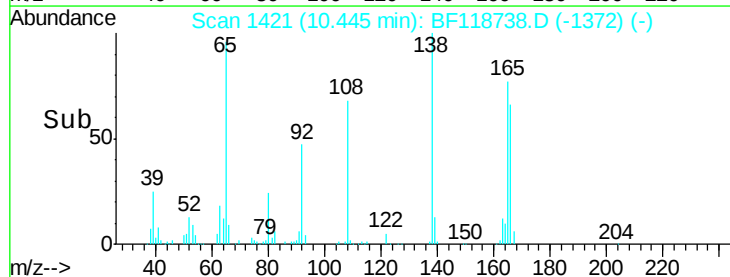
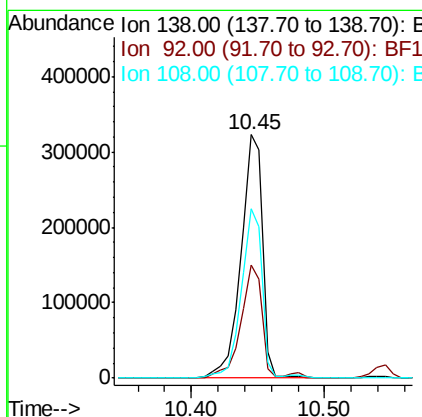
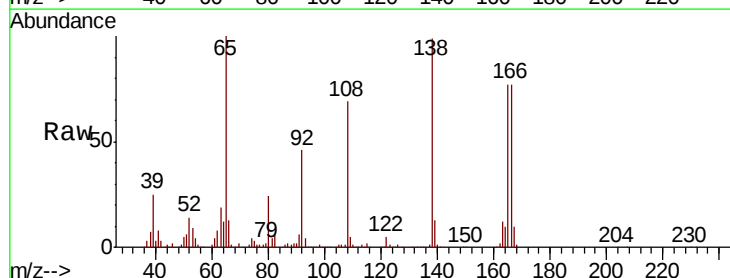
Instrument :
 BNA_F
 ClientSampleId :

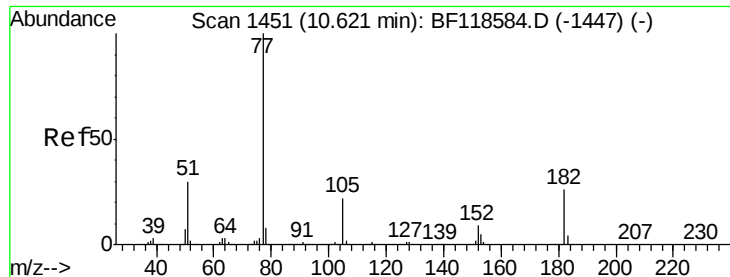
Tot Ion:204 Resp: 844581
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.0 40.6
 141 58.8 43.9 65.9



#62
 4-Nitroaniline
 Concen: 38.163 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion:138 Resp: 359853
 Ion Ratio Lower Upper
 138 100
 92 46.6 29.2 69.2
 108 69.6 50.8 90.8





#63

Azobenzene

Concen: 46.398 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1566330

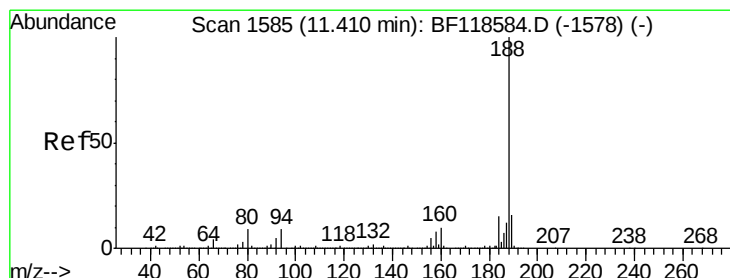
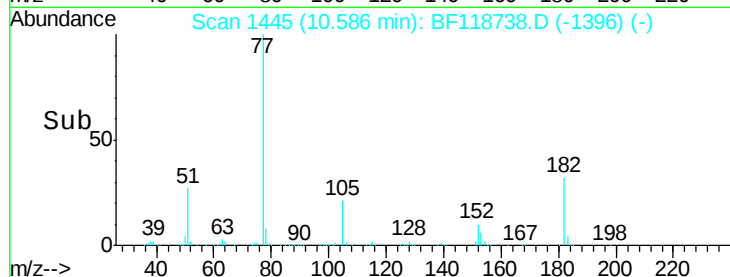
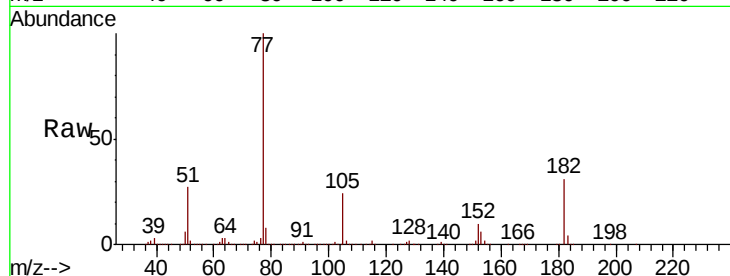
Ion	Ratio	Lower	Upper
77	100		
182	31.5	12.3	52.3
105	23.6	4.0	44.0
51	27.3	7.2	47.2

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: BF118738.D

Acq: 29 Jan 2020 18:22

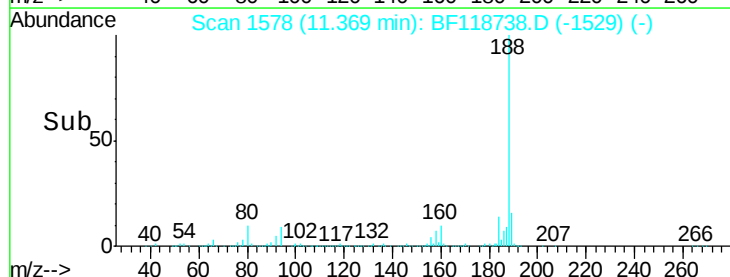
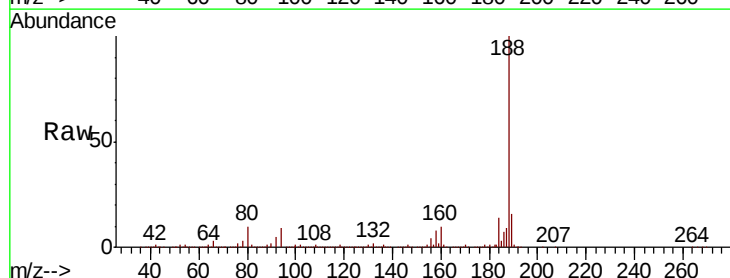
Tgt Ion: 188 Resp: 980118

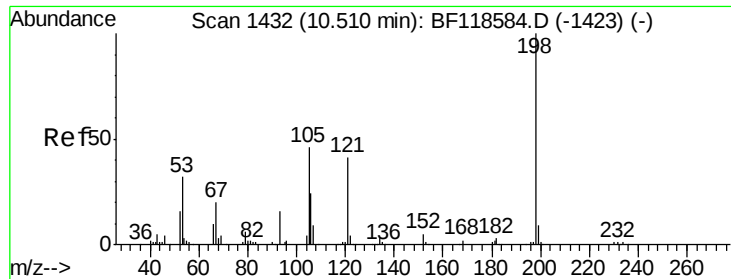
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.2	7.8	11.8

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: 64.285 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

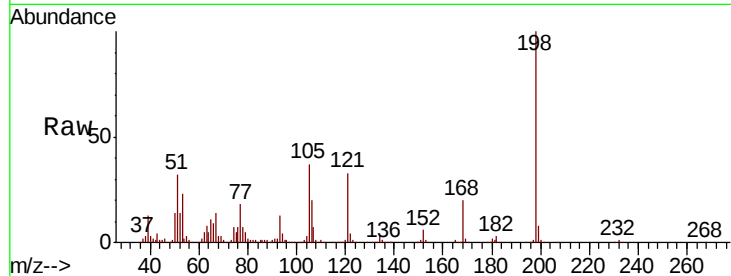
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 277055

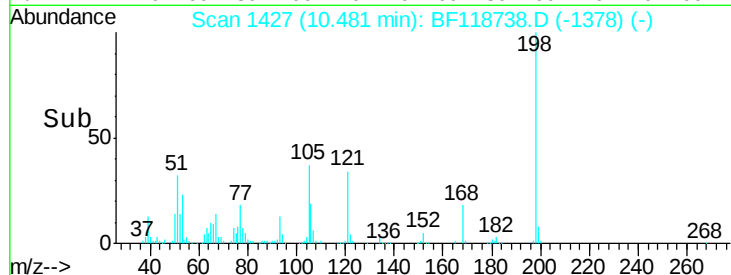
Ion	Ratio	Lower	Upper
198	100		
51	31.9	9.6	49.6
105	36.8	15.5	55.5



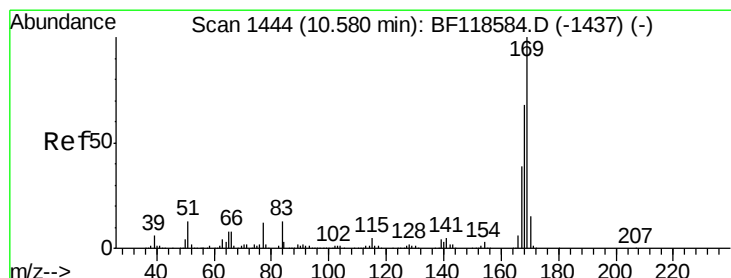
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 50.921 ng

RT: 10.55 min Scan# 1438

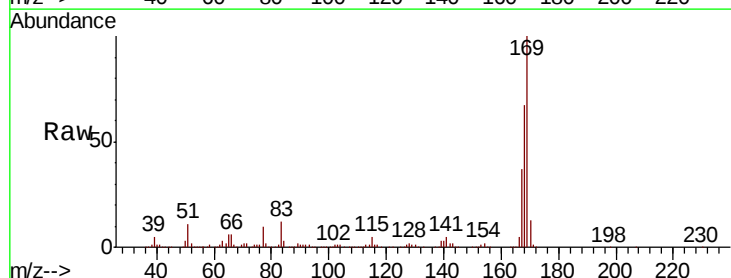
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:169 Resp: 1505134

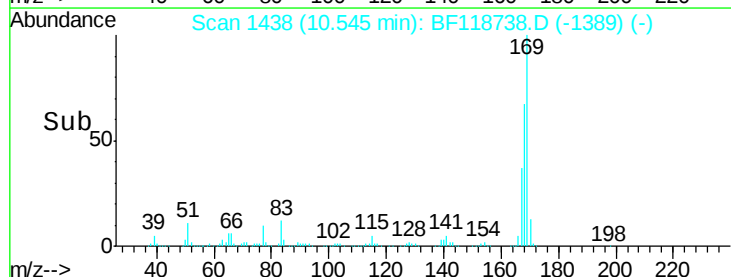
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.0
167	36.8	29.2	43.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



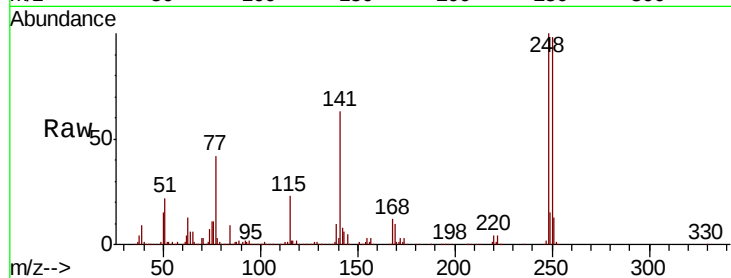
Time-->



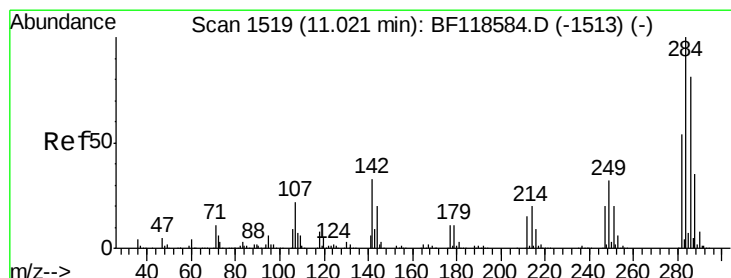
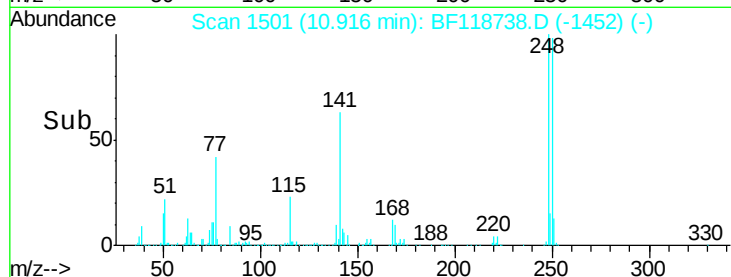
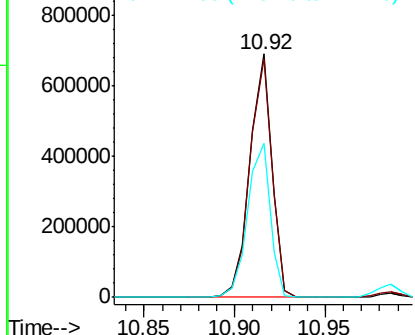
#67
4-Bromophenyl-phenylether
Concen: 48.371 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 585717
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 63.1 48.4 72.6

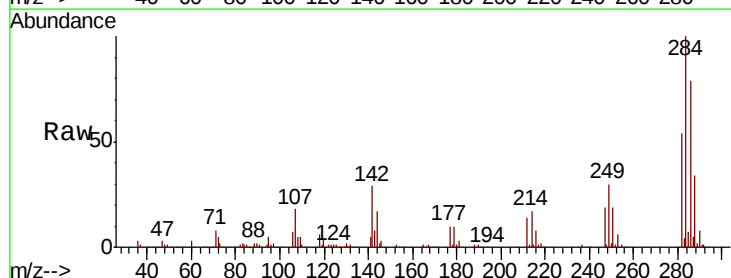


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

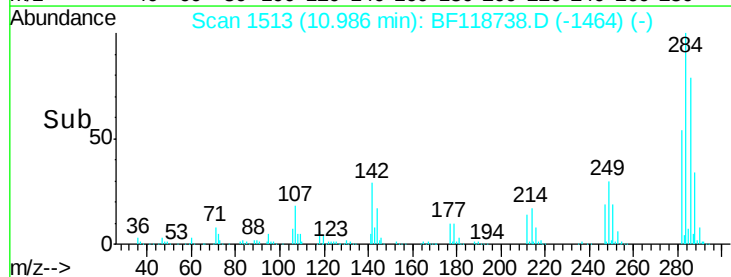
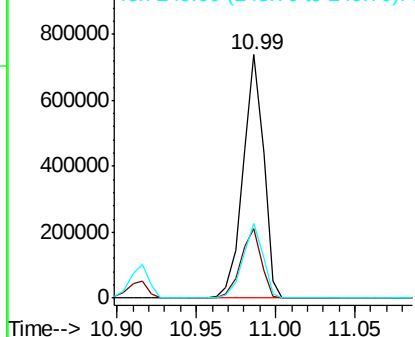


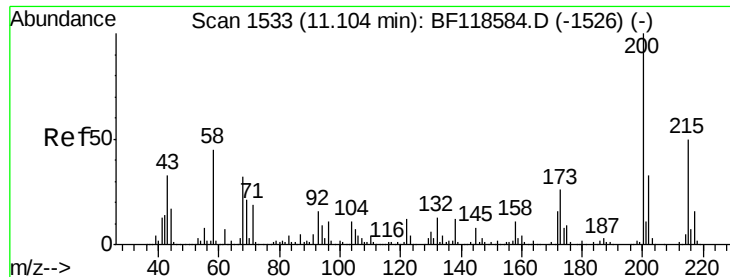
#68
Hexachlorobenzene
Concen: 48.100 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:284 Resp: 660335
Ion Ratio Lower Upper
284 100
142 28.8 23.1 34.7
249 30.4 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: 51.645 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

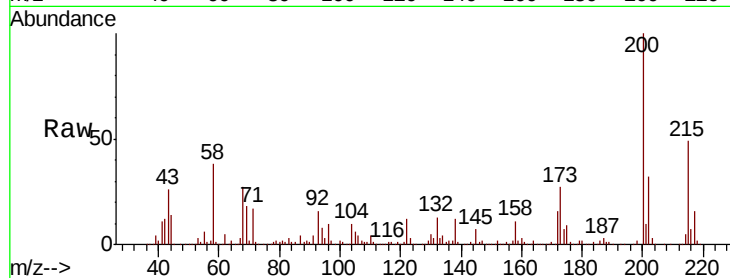
Tot Ion:200 Resp: 529101

Ion Ratio Lower Upper

200 100

173 26.8 6.8 46.8

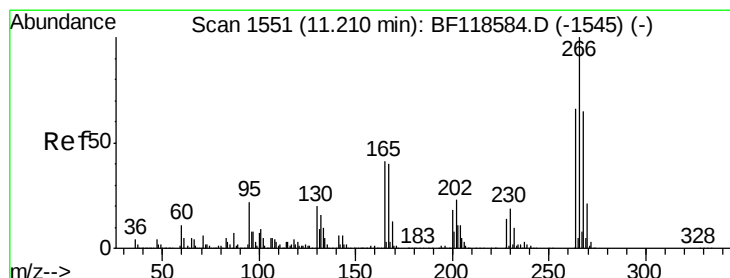
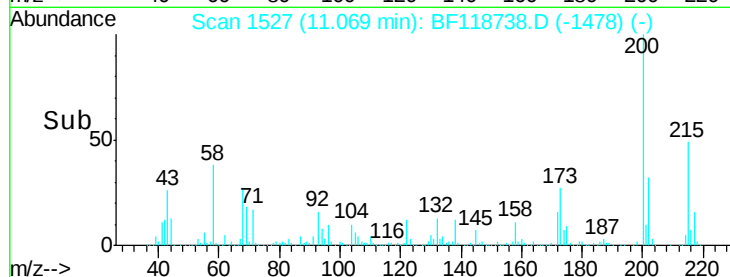
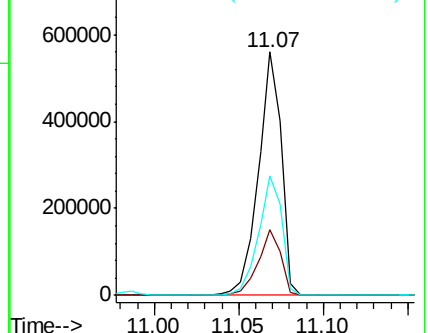
215 49.3 30.4 70.4



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: 89.739 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

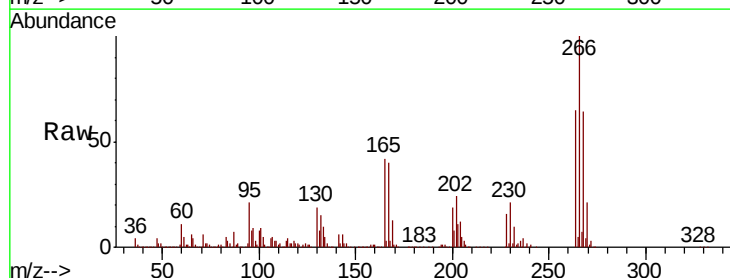
Tgt Ion:266 Resp: 684958

Ion Ratio Lower Upper

266 100

268 64.2 51.6 77.4

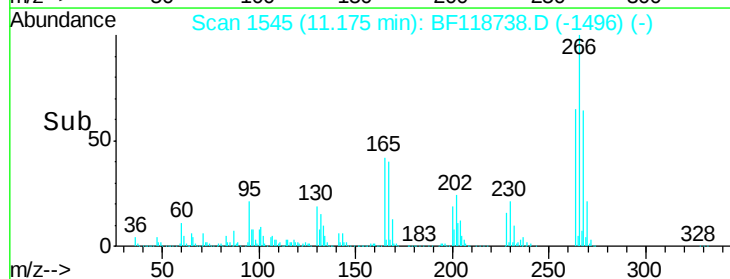
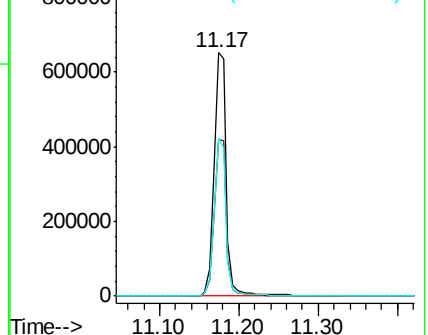
264 64.9 50.9 76.3

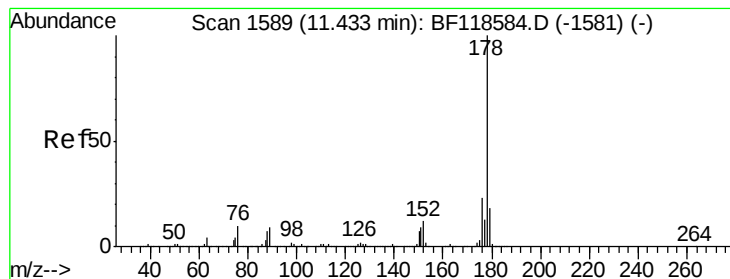


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.801 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

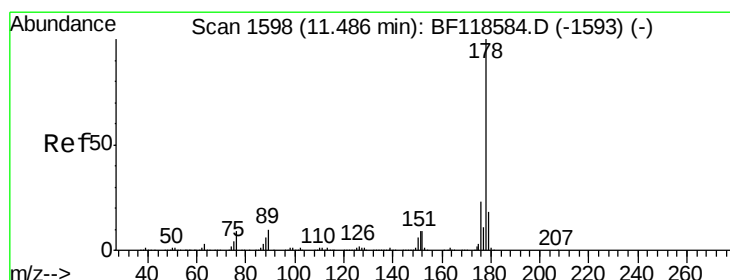
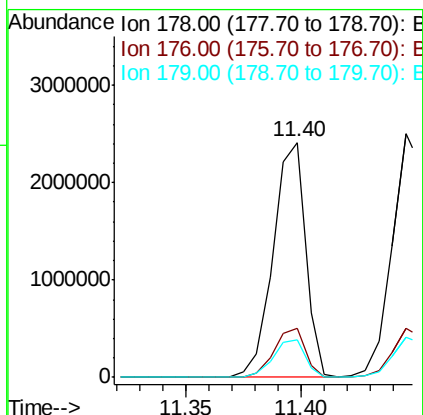
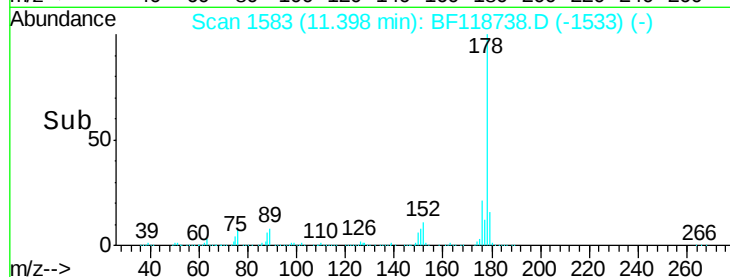
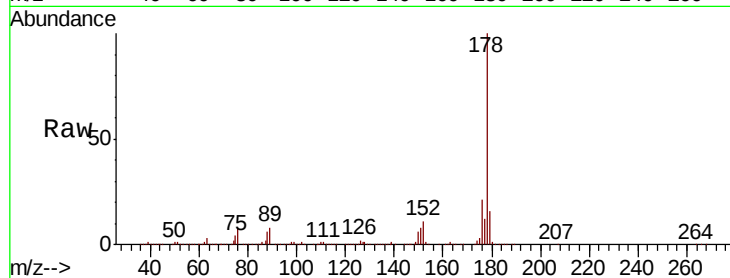
Tot Ion:178 Resp: 2354860

Ion Ratio Lower Upper

178 100

176 20.6 16.5 24.7

179 16.2 13.3 19.9



#72

Anthracene

Concen: 51.976 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

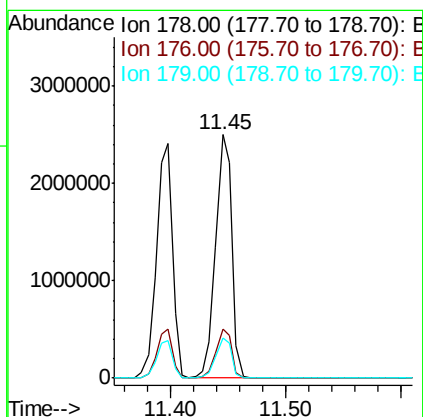
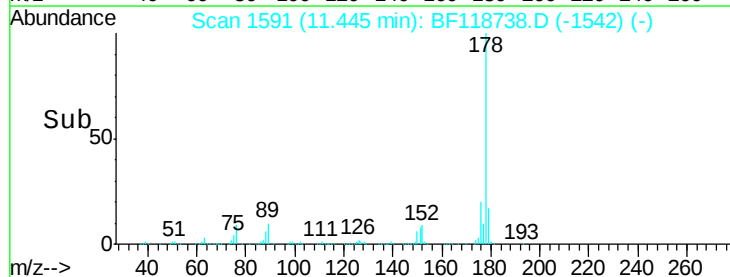
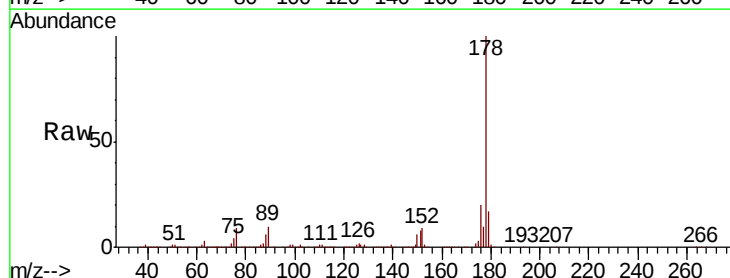
Tgt Ion:178 Resp: 2431865

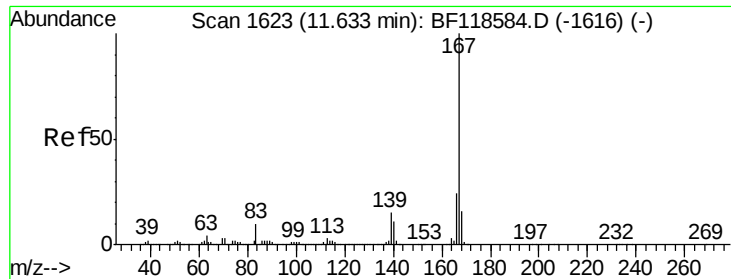
Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 16.6 13.3 19.9





#73

Carbazole

Concen: 48.666 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

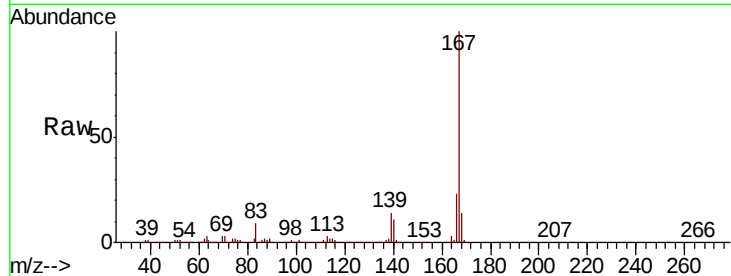
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 2088538

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	13.6	11.0	16.4

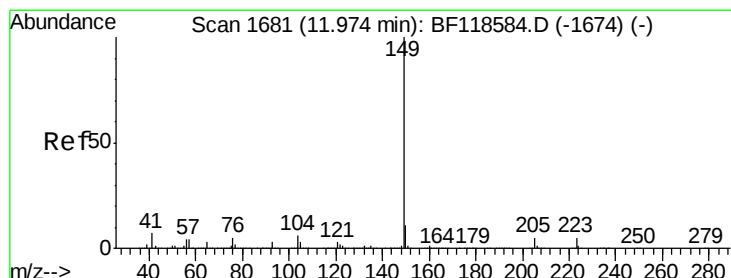
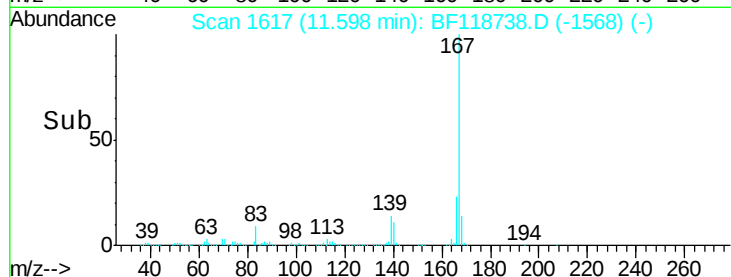
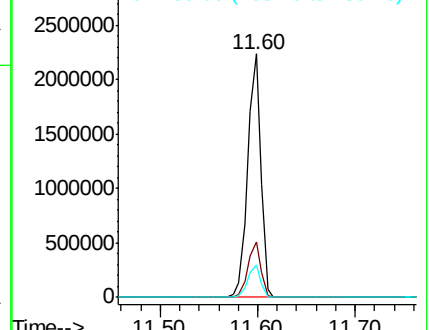


Abundance

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



#74

Di-n-butylphthalate

Concen: 52.863 ng

RT: 11.93 min Scan# 1674

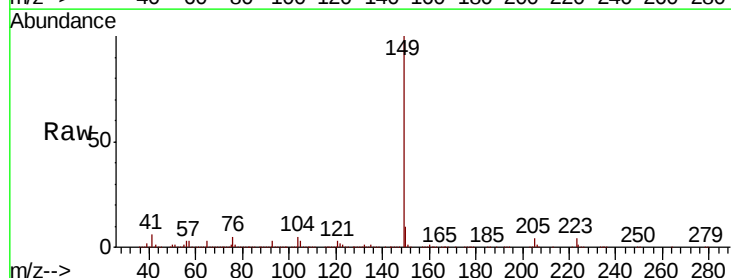
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:149 Resp: 2520548

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.0	4.2	6.4

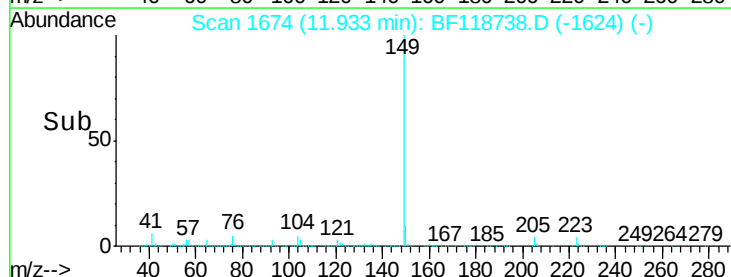
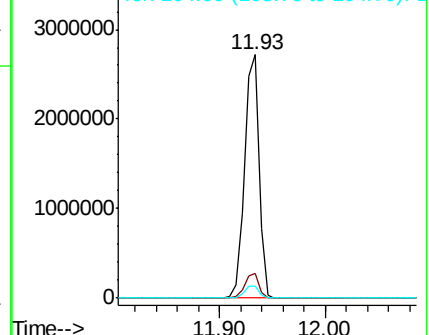


Abundance

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





#75

Fluoranthene

Concen: 48.862 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

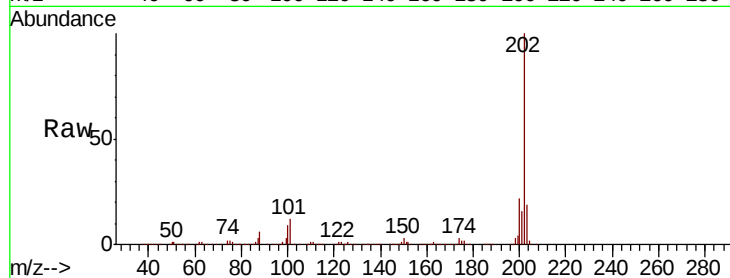
Tot Ion:202 Resp: 2436858

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.1

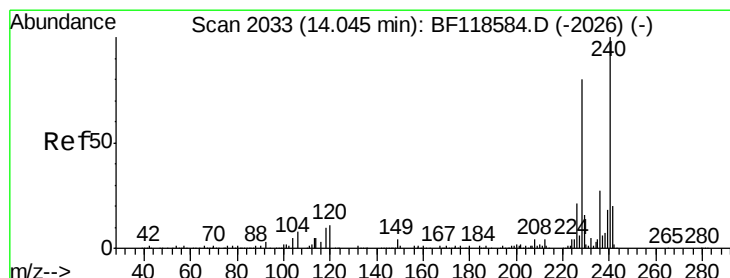
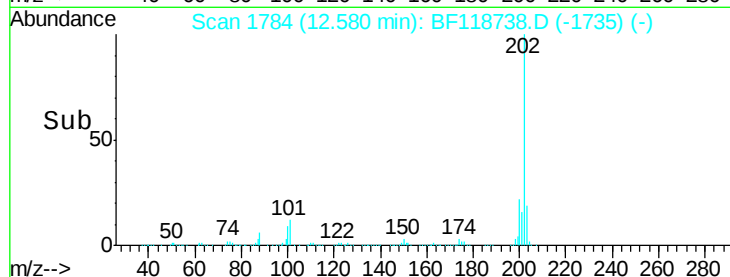
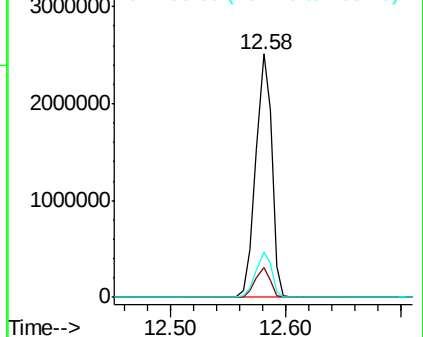
203 18.7 0.0 38.9



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: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

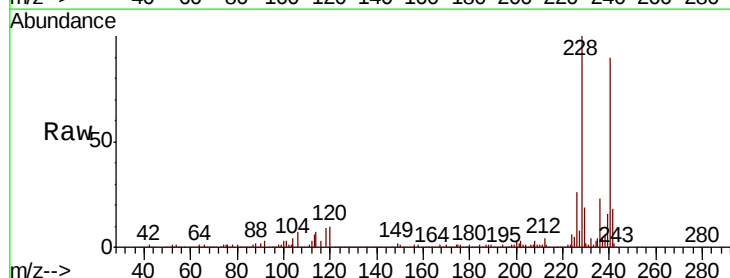
Tgt Ion:240 Resp: 629542

Ion Ratio Lower Upper

240 100

120 11.5 7.6 11.4#

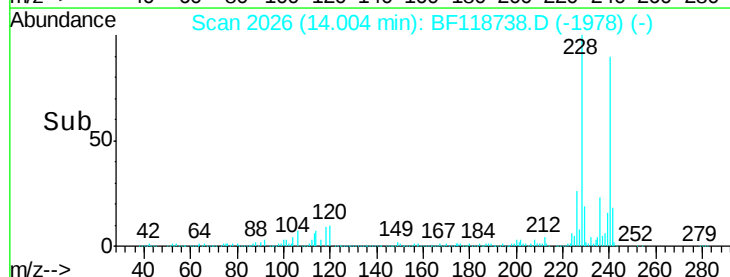
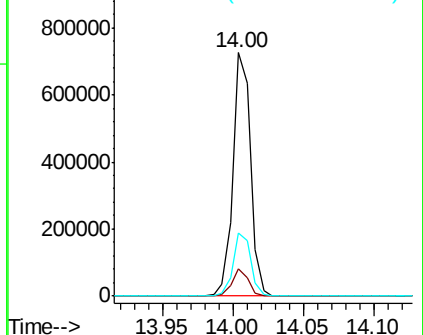
236 25.9 21.0 31.4

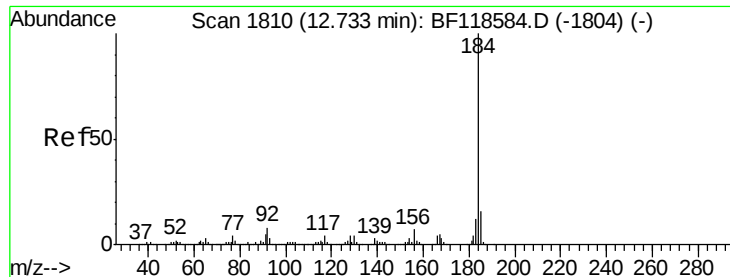


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.890 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

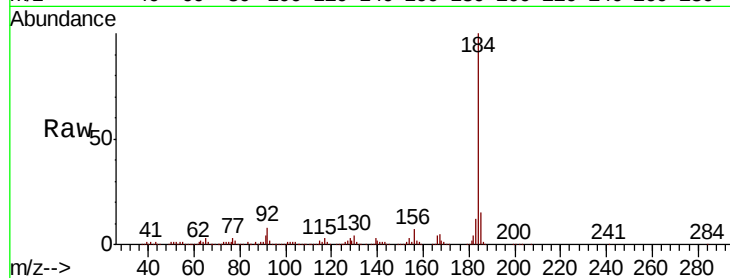
Tot Ion:184 Resp: 654171

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

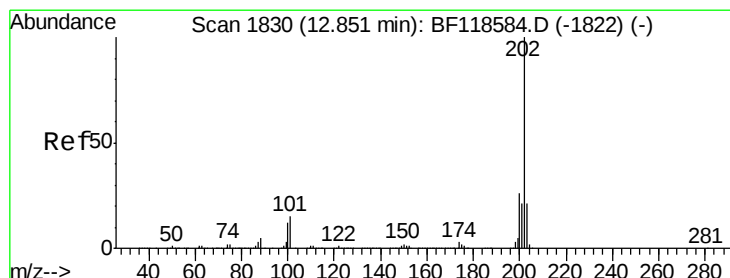
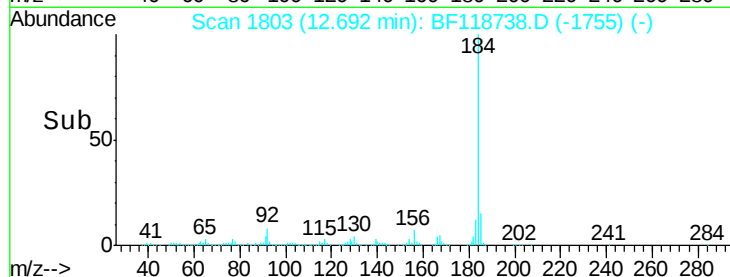
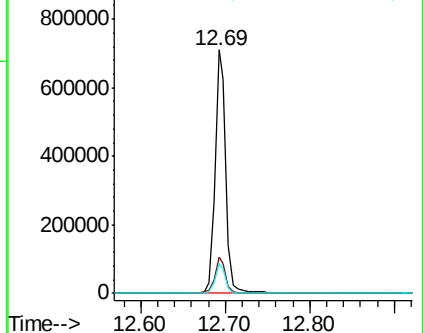
183 12.3 9.7 14.5



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: 56.097 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

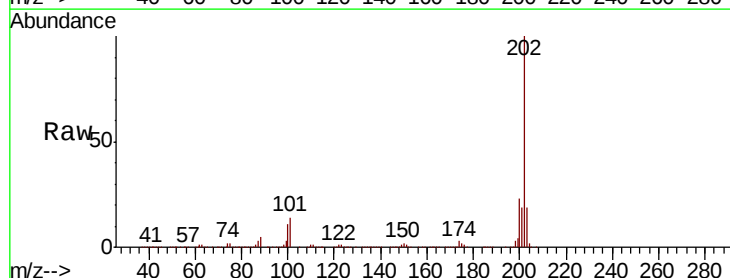
Tgt Ion:202 Resp: 2397589

Ion Ratio Lower Upper

202 100

200 22.8 18.1 27.1

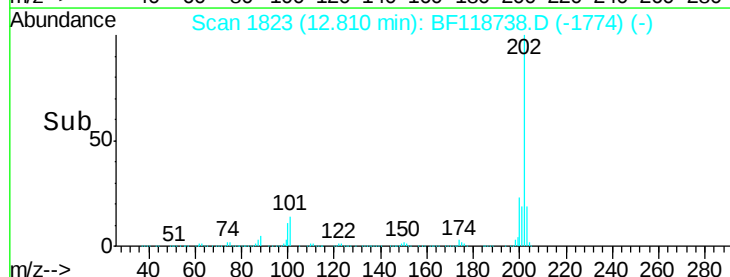
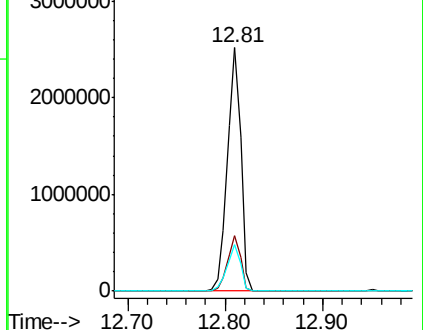
203 18.9 15.2 22.8

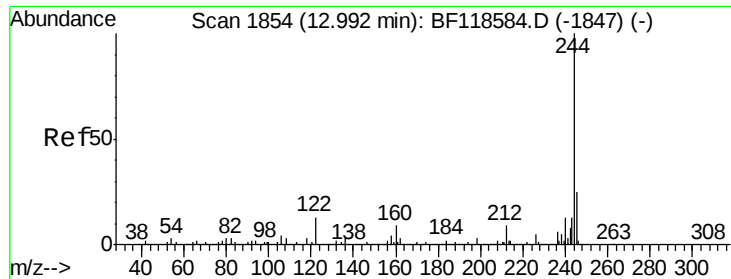


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 114.689 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

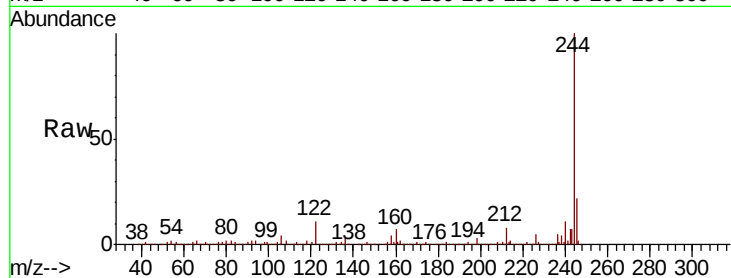
Tot Ion:244 Resp: 3310333

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

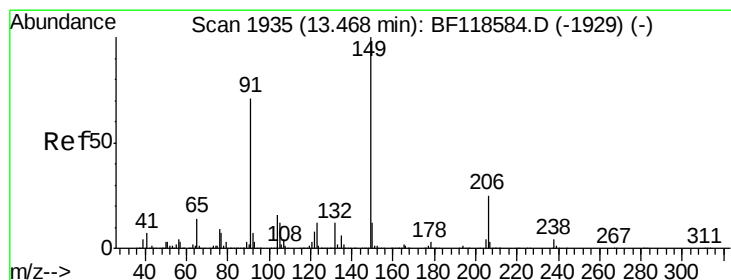
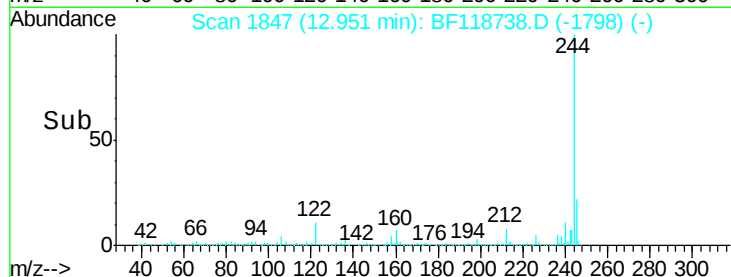
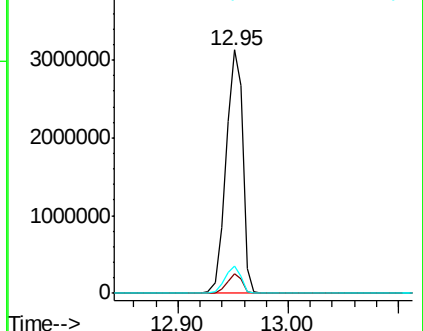
122 11.3 9.2 13.8



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: 57.468 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

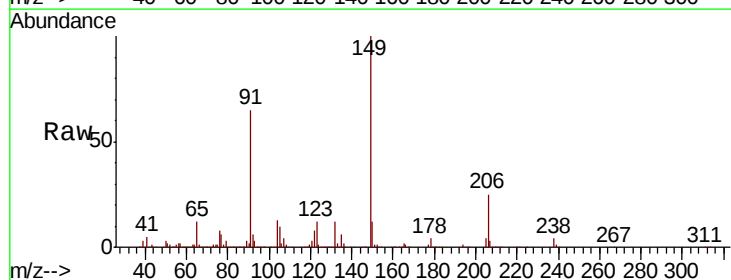
Tgt Ion:149 Resp: 1005221

Ion Ratio Lower Upper

149 100

91 64.8 49.6 74.4

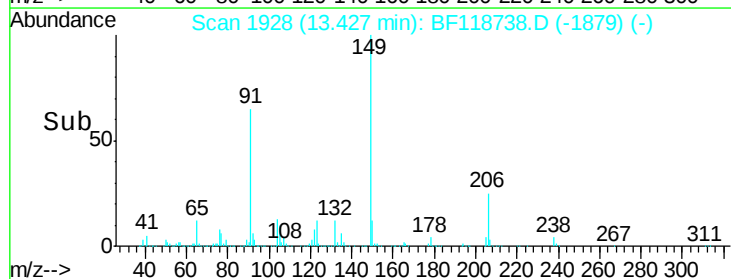
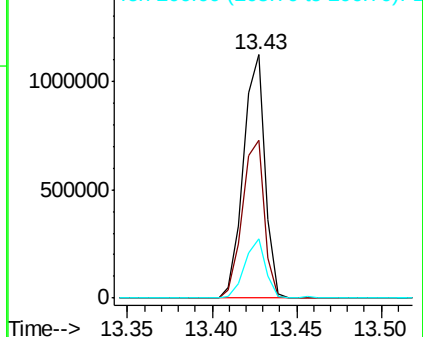
206 24.6 19.9 29.9

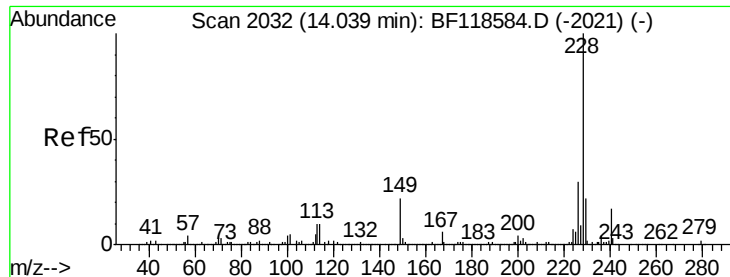


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.964 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

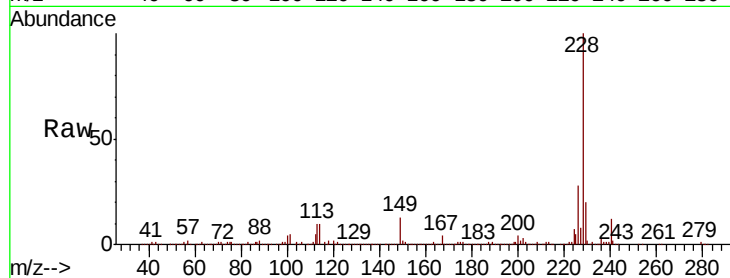
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1930011

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.4	16.6	25.0

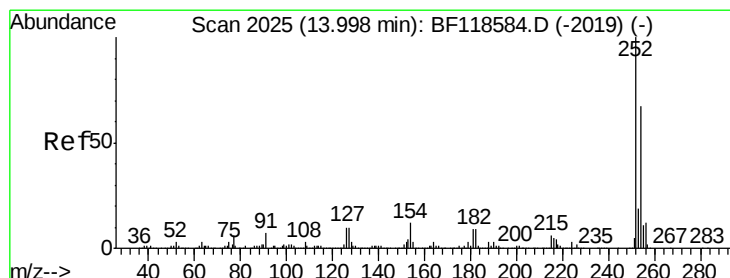
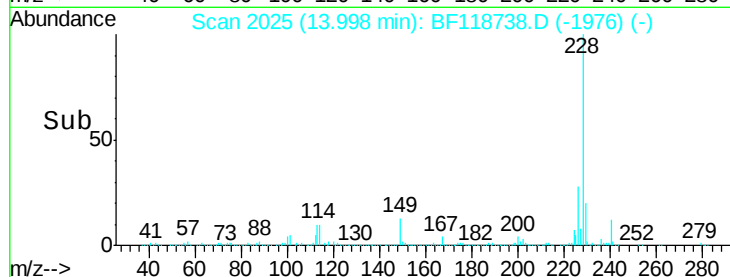
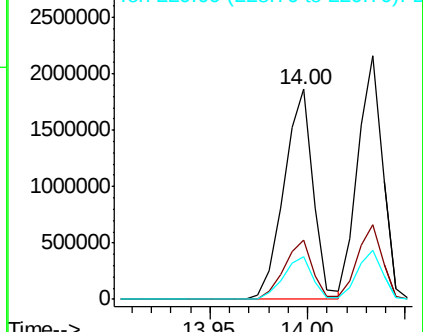


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.926 ng

RT: 13.95 min Scan# 2017

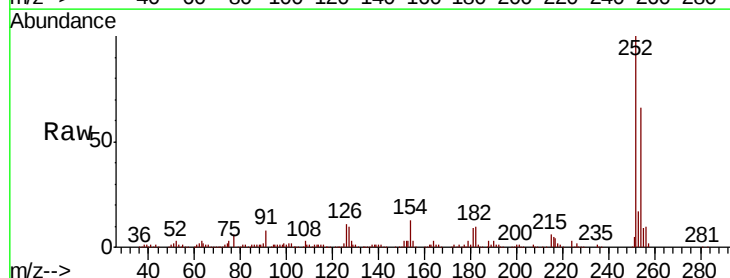
Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:252 Resp: 228402

Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.6	78.8
126	10.6	8.1	12.1

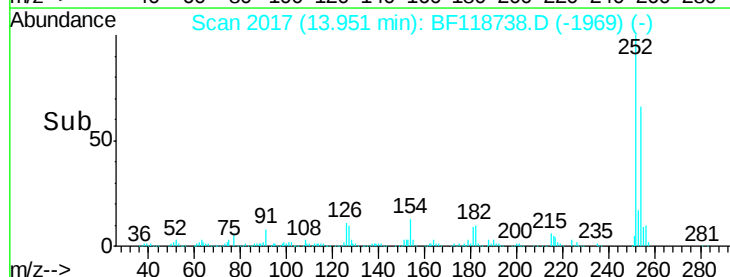
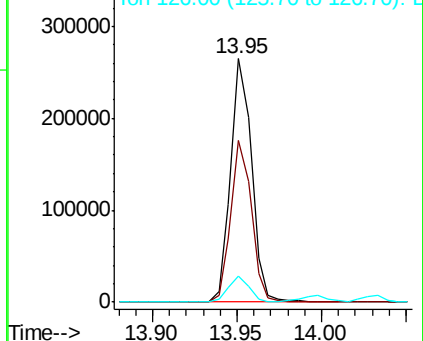


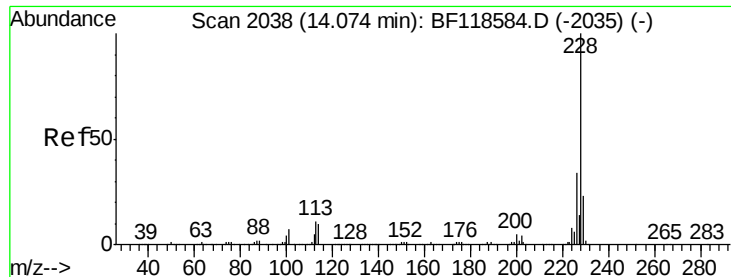
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

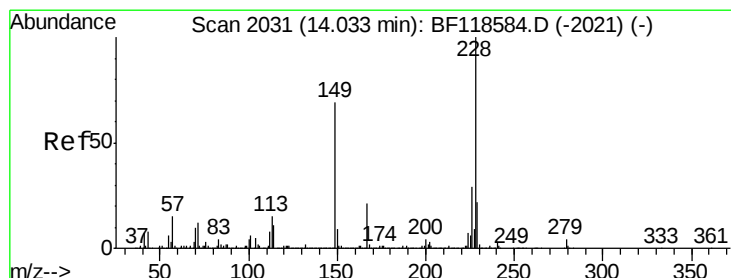
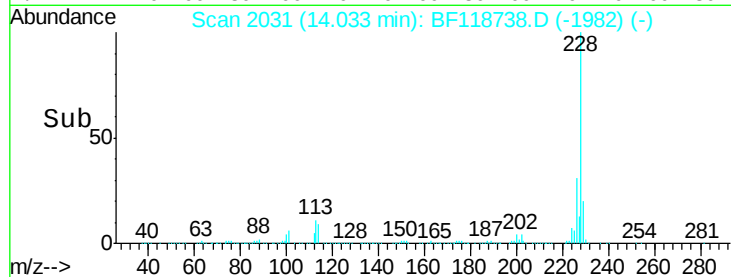
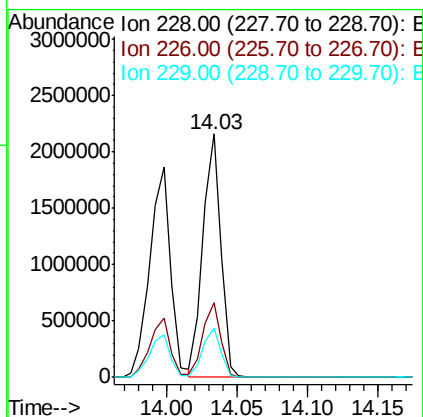
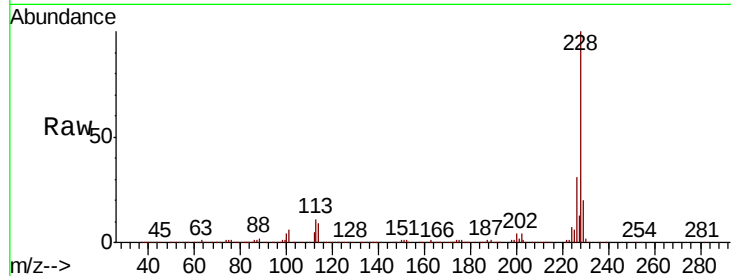




#83
 Chrvsene
 Concen: 52.662 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

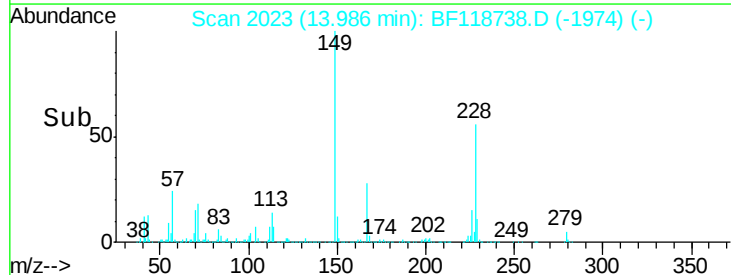
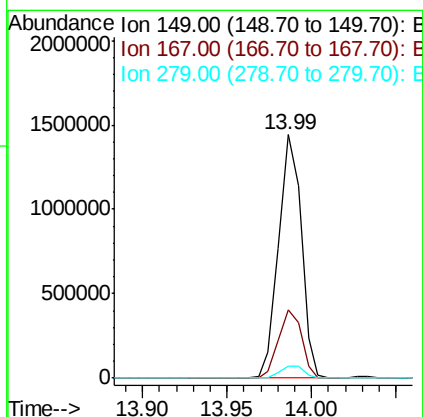
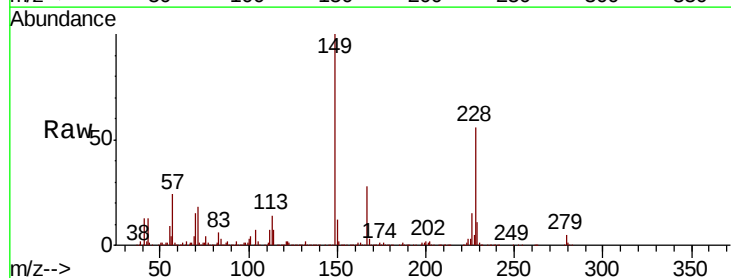
Instrument :
 BNA_F
 ClientSampled :

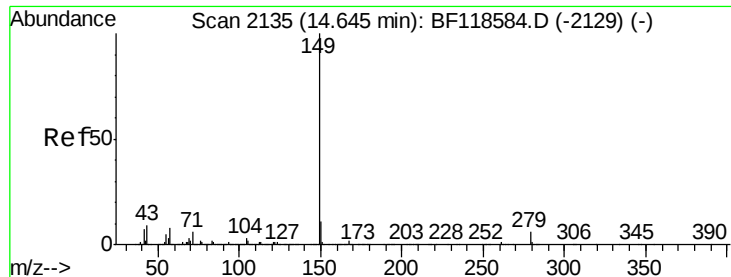
Tot Ion:228 Resp: 1911371
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.6 38.4
 229 20.3 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.322 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion:149 Resp: 1331853
 Ion Ratio Lower Upper
 149 100
 167 28.3 23.6 35.4
 279 5.1 4.5 6.7

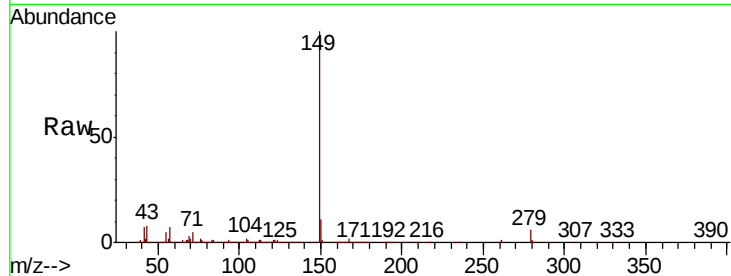




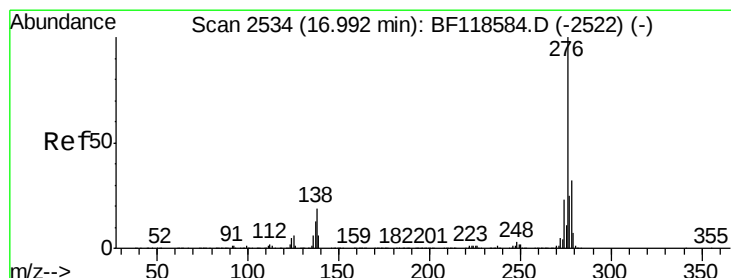
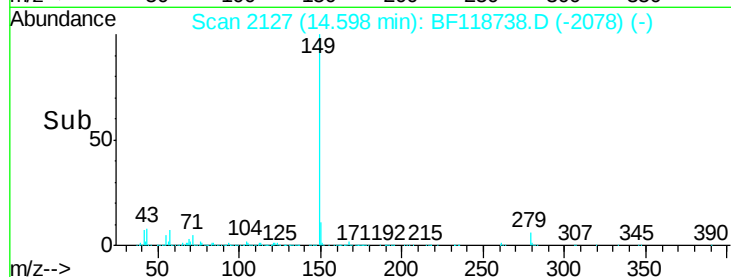
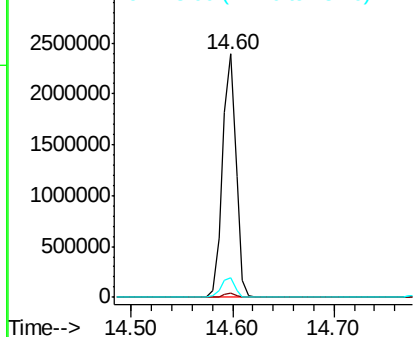
#85
Di-n-octyl phthalate
Concen: 69.770 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2206952
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.1 6.6 10.0

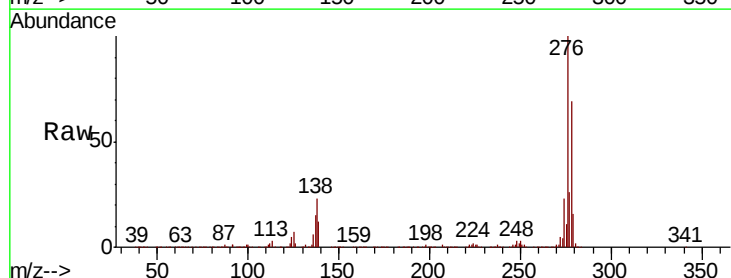


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

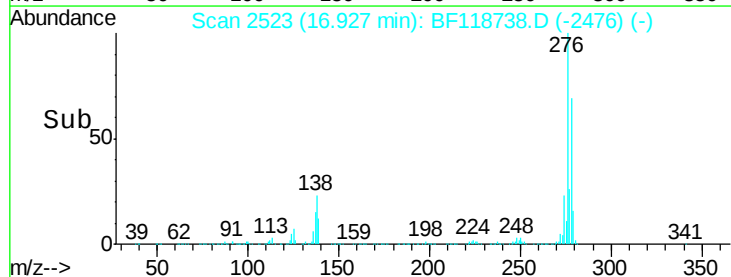
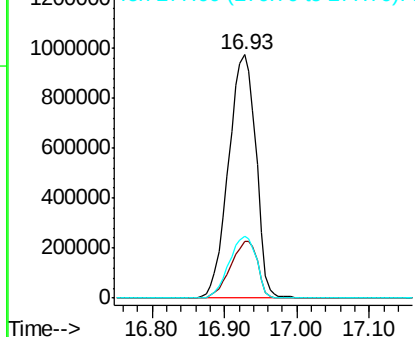


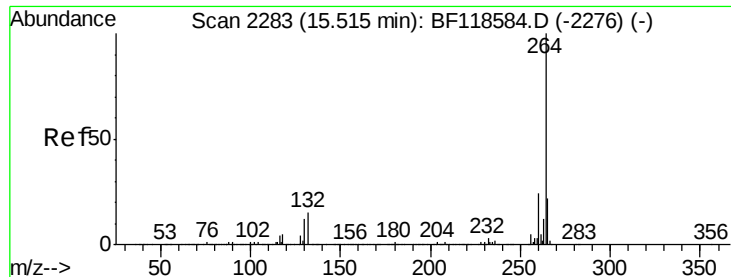
#86
Indeno(1,2,3-cd)pyrene
Concen: 81.074 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:276 Resp: 2556784
Ion Ratio Lower Upper
276 100
138 23.2 18.2 27.4
277 25.7 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: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

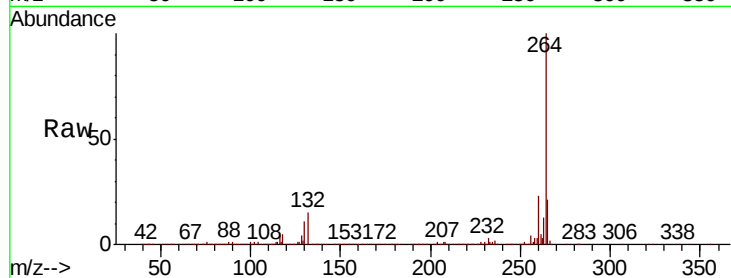
Tot Ion:264 Resp: 706582

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.3 17.0 25.6

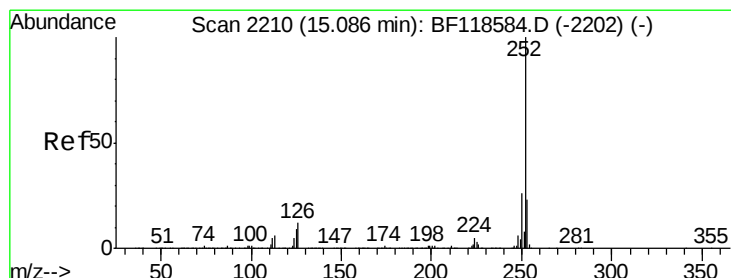
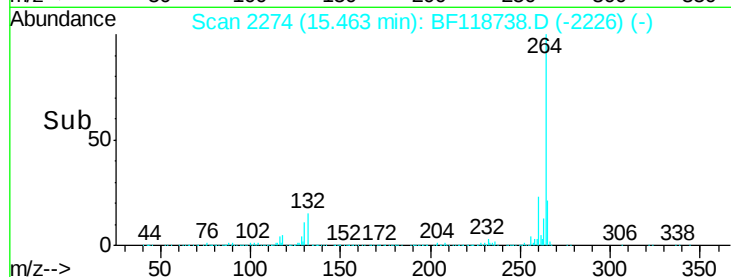
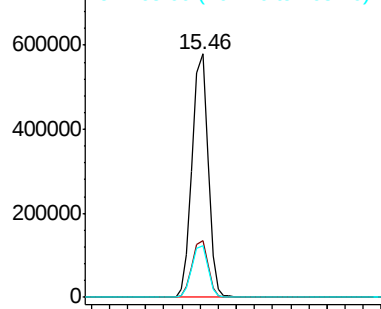


Abundance

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: 45.236 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

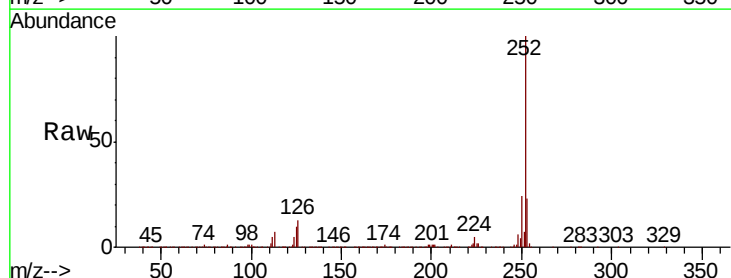
Tgt Ion:252 Resp: 2009091

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 9.8 7.7 11.5

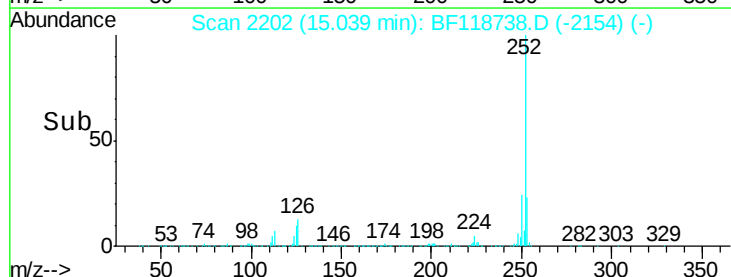
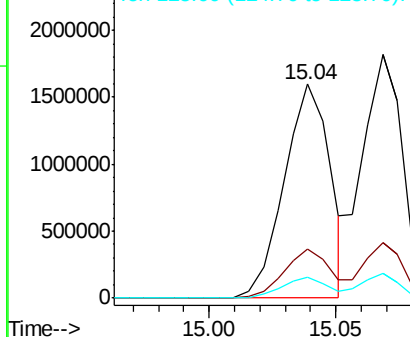


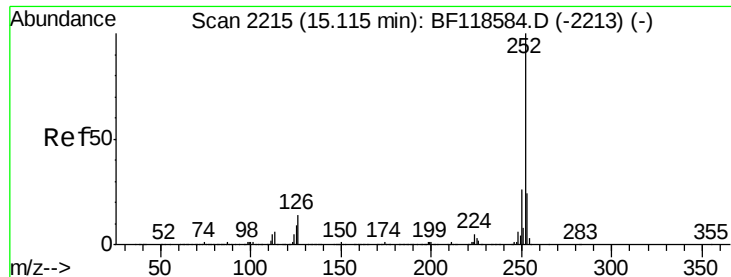
Abundance

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

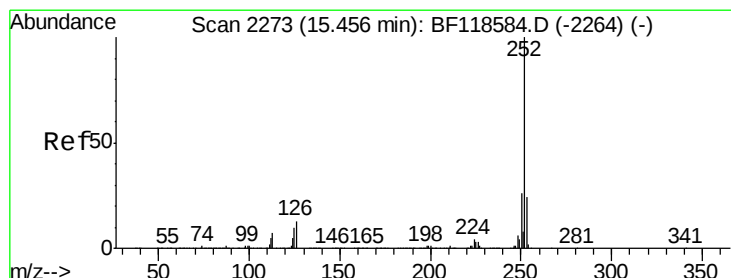
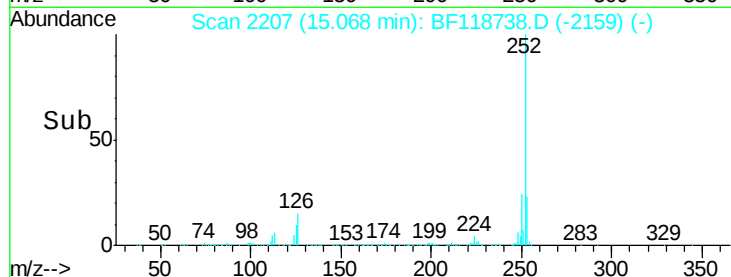
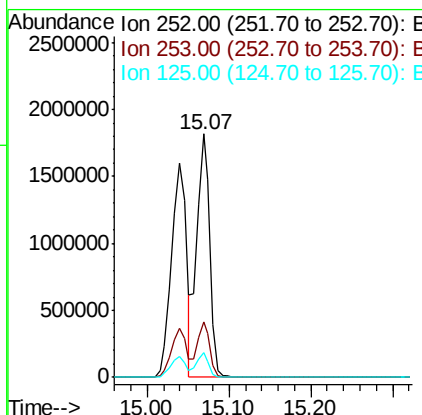
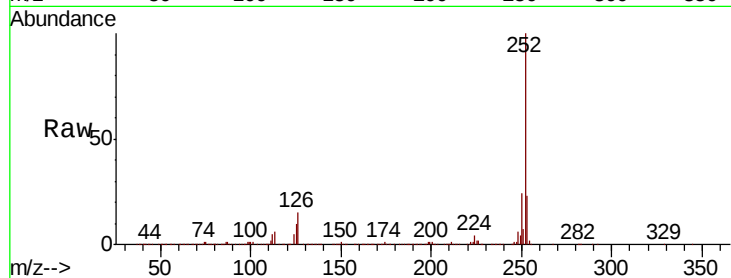




#89
Benzo(k)fluoranthene
Concen: 48.969 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

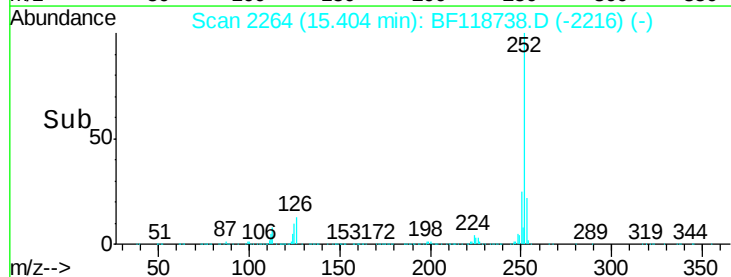
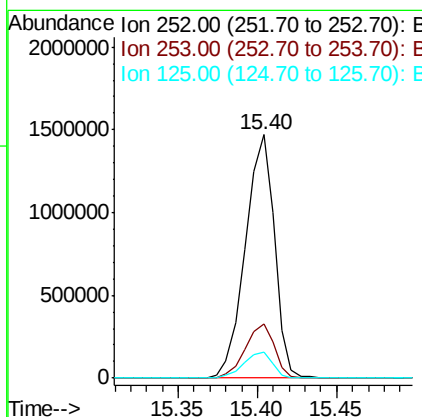
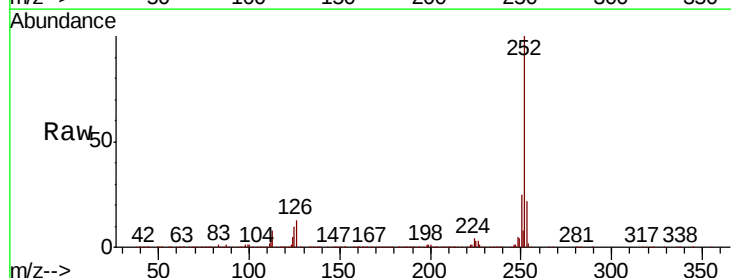
Instrument :
BNA_F
ClientSampled :

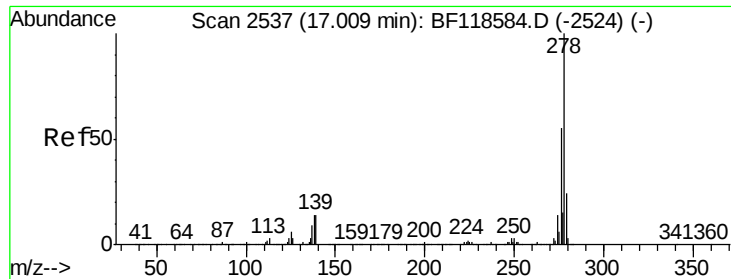
Tot Ion:252 Resp: 2014963
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 10.1 8.1 12.1



#90
Benzo(a)pyrene
Concen: 49.041 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:252 Resp: 1878908
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.5 8.3 12.5

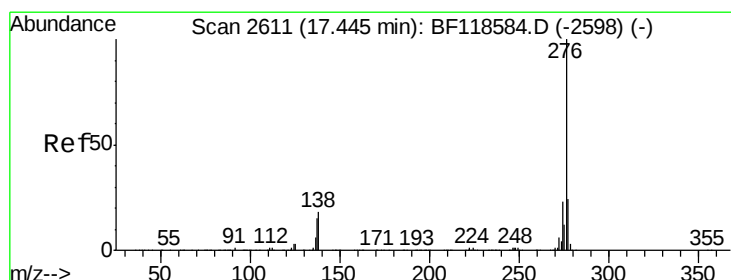
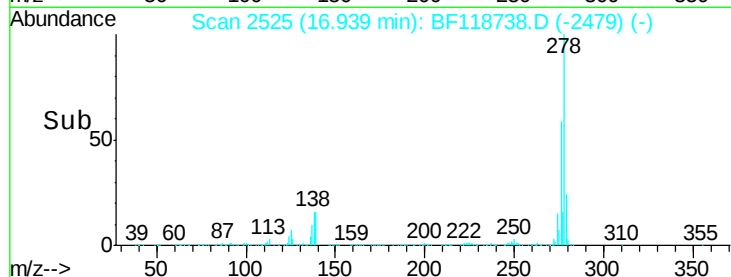
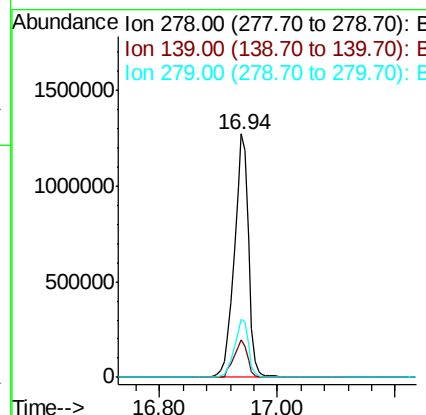
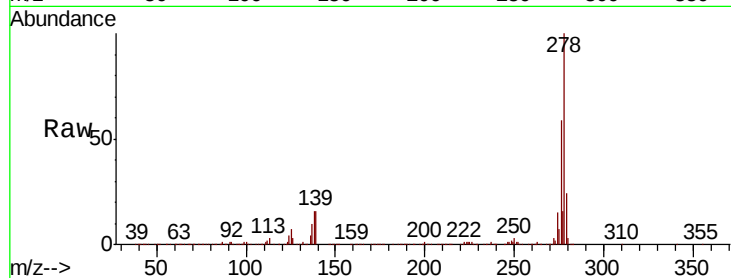




#91
Dibenzo(a,h)anthracene
Concen: 62.952 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2133448
Ion Ratio Lower Upper
278 100
139 15.5 11.8 17.6
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 67.682 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:276 Resp: 2227102
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 20.0 15.4 23.2

