

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118747.D
 Acq On : 29 Jan 2020 22:28
 Operator : CG/JU
 Sample : L1013-12MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:12:52 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	285138	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1056364	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	557831	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	949884	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	630111	20.00	ng	-0.02
87) Perylene-d12	15.46	264	722376	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1883377	122.67	ng	0.00
7) Phenol-d6	6.49	99	2128374	106.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1645096	87.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	863068	133.77	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3119332	91.91	ng	-0.01
79) Terphenyl-d14	12.95	244	3323325	115.04	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.82	88	299742	40.309	ng	# 87
3) Pyridine	3.52	79	377651	18.019	ng	99
4) n-Nitrosodimethylamine	3.45	42	335746	37.366	ng	99
6) Aniline	6.51	93	233986	8.905	ng	100
8) 2-Chlorophenol	6.63	128	881422	51.149	ng	99
9) Benzaldehyde	6.40	77	436346	35.956	ng	98
10) Phenol	6.50	94	888982	39.092	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	814400	48.269	ng	98
12) 1,3-Dichlorobenzene	6.79	146	969519	48.068	ng	99
13) 1,4-Dichlorobenzene	6.87	146	982578	48.530	ng	100
14) 1,2-Dichlorobenzene	7.02	146	903499	47.470	ng	99
15) Benzyl Alcohol	6.99	79	736736	46.557	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	955299	40.650	ng	98
17) 2-Methylphenol	7.10	107	682211	47.528	ng	99
18) Hexachloroethane	7.36	117	345717	47.090	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	577968	42.896	ng	100
20) 3+4-Methylphenols	7.26	107	781249	44.579	ng	# 82
22) Acetophenone	7.26	105	1104268	44.128	ng	97
24) Nitrobenzene	7.43	77	877699	45.388	ng	100
25) Isophorone	7.67	82	1598708	46.411	ng	99
26) 2-Nitrophenol	7.75	139	475291	57.636	ng	99
27) 2,4-Dimethylphenol	7.79	122	727505	51.089	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1005058	45.282	ng	100
29) 2,4-Dichlorophenol	7.99	162	757279	48.106	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	858636	47.043	ng	100
31) Naphthalene	8.15	128	2426904	50.858	ng	99
32) Benzoic acid	7.90	122	383932	35.924	ng	97
33) 4-Chloroaniline	8.19	127	118717	5.383	ng	99
34) Hexachlorobutadiene	8.27	225	514310	46.270	ng	98
35) Caprolactam	8.56	113	102081	19.816	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	749075	48.188	ng	99
37) 2-Methylnaphthalene	8.85	142	1691477	50.217	ng	99
38) 1-Methylnaphthalene	8.95	142	1598002	49.937	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	820929	47.033	ng	99

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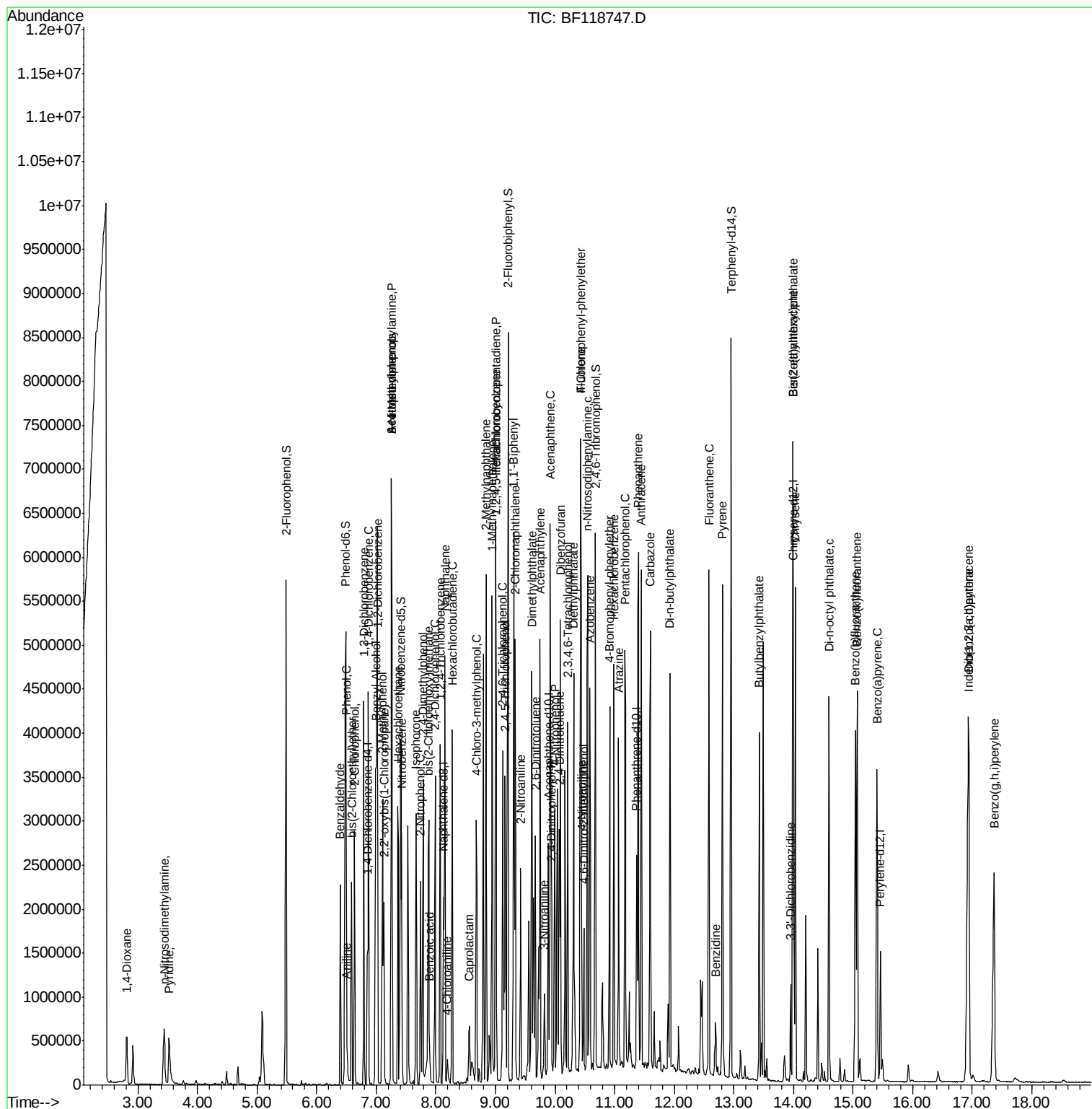
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	822432	93.392	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	572949	49.468	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	589361	49.824	ng	99
46) 1,1'-Biphenyl	9.31	154	1986337	51.666	ng	100
47) 2-Chloronaphthalene	9.33	162	1597720	49.305	ng	100
48) 2-Nitroaniline	9.42	65	426407	42.807	ng	98
49) Acenaphthylene	9.75	152	2409472	52.854	ng	99
50) Dimethylphthalate	9.61	163	1968213	54.156	ng	99
51) 2,6-Dinitrotoluene	9.67	165	435269	53.484	ng	91
52) Acenaphthene	9.92	154	1576123	51.705	ng	100
53) 3-Nitroaniline	9.83	138	100301	10.793	ng	98
54) 2,4-Dinitrophenol	9.94	184	276471	85.094	ng	# 91
55) Dibenzofuran	10.09	168	2161289	51.162	ng	99
56) 4-Nitrophenol	10.00	139	586159	83.555	ng	97
57) 2,4-Dinitrotoluene	10.07	165	562046	54.783	ng	94
58) Fluorene	10.43	166	1601684	48.297	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	491193	47.211	ng	100
60) Diethylphthalate	10.31	149	1733996	49.209	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	850185	47.136	ng	97
62) 4-Nitroaniline	10.45	138	359058	37.668	ng	95
63) Azobenzene	10.59	77	1559277	45.691	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	241371	57.787	ng	95
66) n-Nitrosodiphenylamine	10.55	169	1493274	52.128	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	576996	49.167	ng	98
68) Hexachlorobenzene	10.99	284	638769	48.010	ng	98
69) Atrazine	11.07	200	530362	53.416	ng	100
70) Pentachlorophenol	11.17	266	649341	87.780	ng	99
71) Phenanthrene	11.40	178	2315080	50.518	ng	100
72) Anthracene	11.44	178	2399968	52.927	ng	99
73) Carbazole	11.60	167	2028603	48.774	ng	100
74) Di-n-butylphthalate	11.93	149	2457851	53.189	ng	100
75) Fluoranthene	12.58	202	2356046	48.745	ng	99
77) Benzidine	12.69	184	209705	12.456	ng	100
78) Pyrene	12.81	202	2352432	54.990	ng	100
80) Butylbenzylphthalate	13.43	149	999129	57.068	ng	97
81) Benzo(a)anthracene	14.00	228	1926869	50.835	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	232684	17.227	ng	98
83) Chrysene	14.03	228	1904904	52.437	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1318807	61.656	ng	98
85) Di-n-octyl phthalate	14.60	149	2215059	69.963	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2650762	83.978	ng	100
88) Benzo(b)fluoranthene	15.04	252	2045622	45.051	ng	99
89) Benzo(k)fluoranthene	15.07	252	2033075	48.329	ng	100
90) Benzo(a)pyrene	15.40	252	1922111	49.072	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	2175475	62.789	ng	99
92) Benzo(g,h,i)perylene	17.37	276	2268686	67.439	ng	100

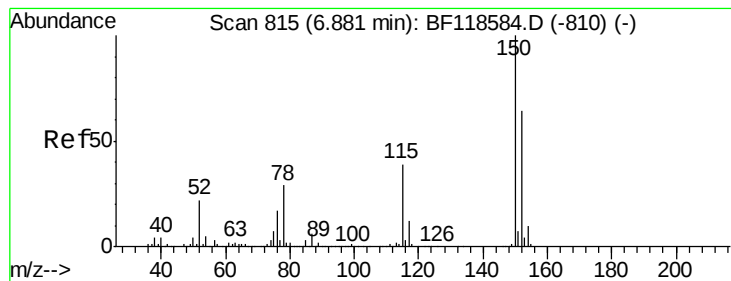
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

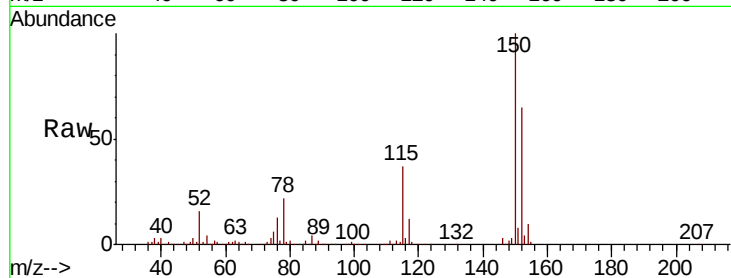
Tot Ion:152 Resp: 285138

Ion Ratio Lower Upper

152 100

150 154.1 123.7 185.5

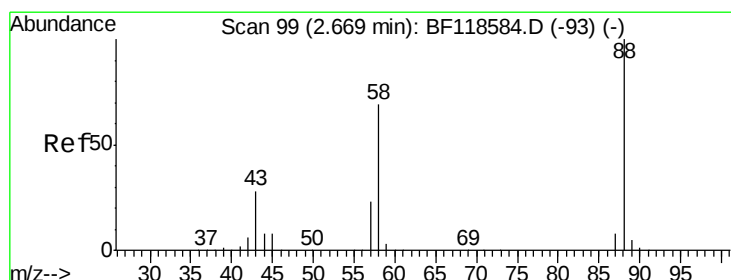
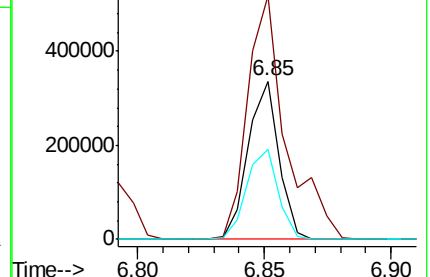
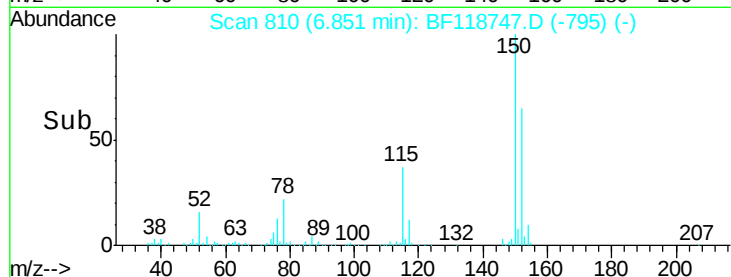
115 56.8 45.1 67.7



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: 40.309 ng

RT: 2.82 min Scan# 124

Delta R.T. 0.19 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

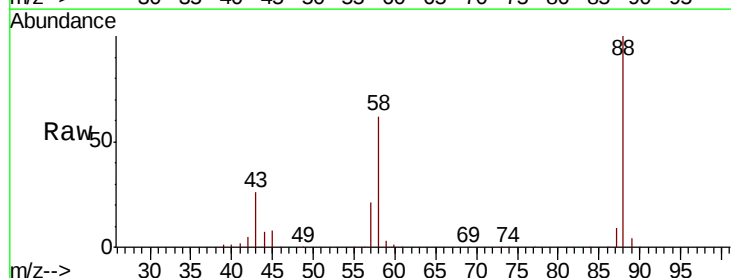
Tgt Ion: 88 Resp: 299742

Ion Ratio Lower Upper

88 100

58 64.9 51.9 77.9

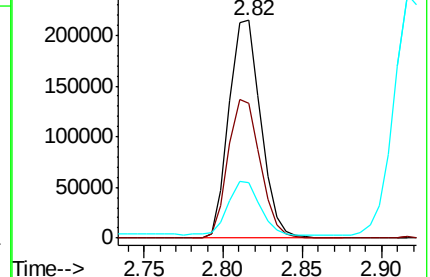
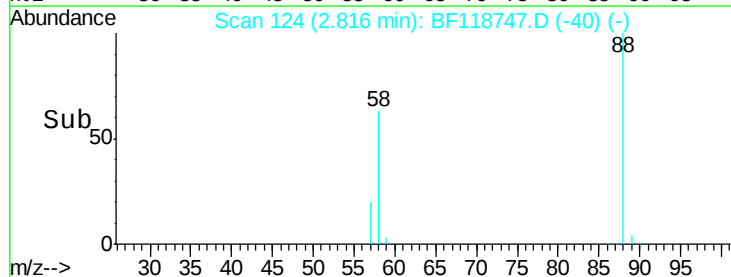
43 0.0 19.3 28.9#

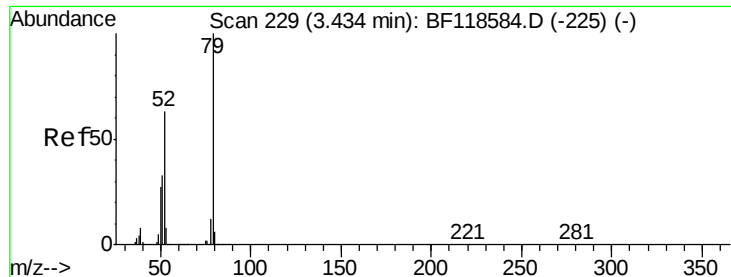


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 18.019 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.14 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

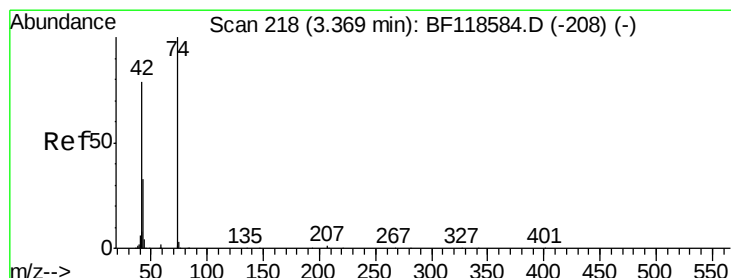
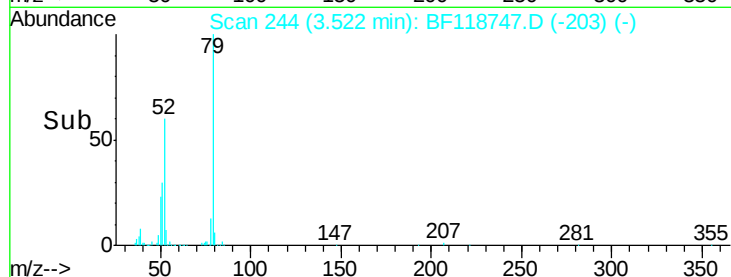
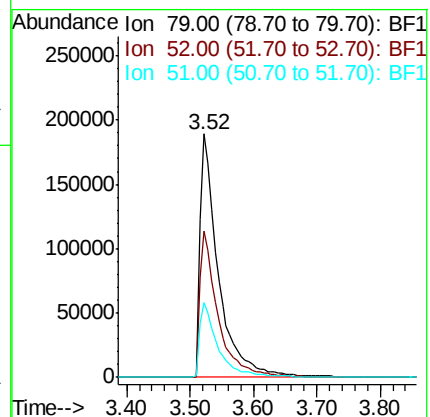
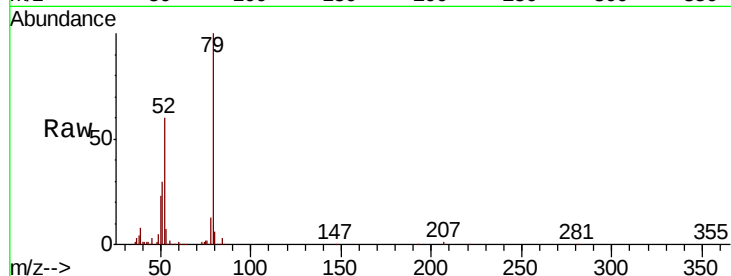
Tot Ion: 79 Resp: 377651

Ion Ratio Lower Upper

79 100

52 60.1 48.8 73.2

51 30.4 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 37.366 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.12 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

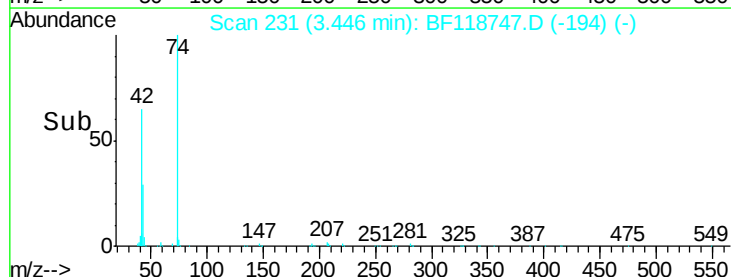
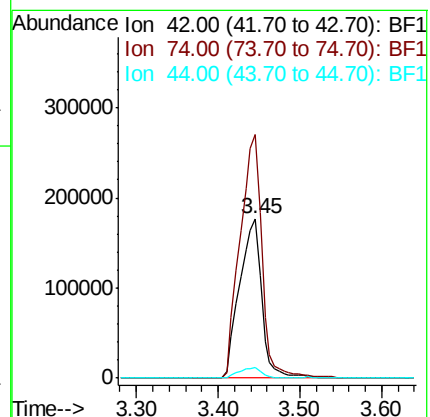
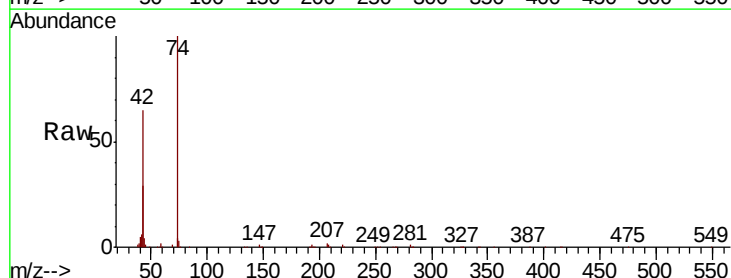
Tgt Ion: 42 Resp: 335746

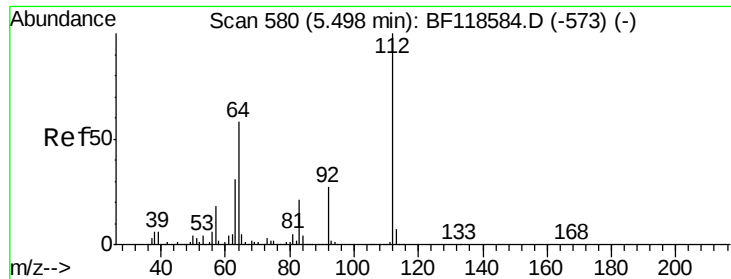
Ion Ratio Lower Upper

42 100

74 153.0 123.5 185.3

44 6.5 5.6 8.4





#5

2-Fluorophenol

Concen: 122.674 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

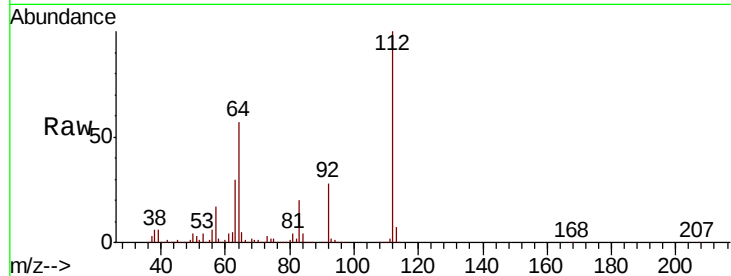
Tot Ion:112 Resp: 1883377

Ion Ratio Lower Upper

112 100

64 56.7 42.4 63.6

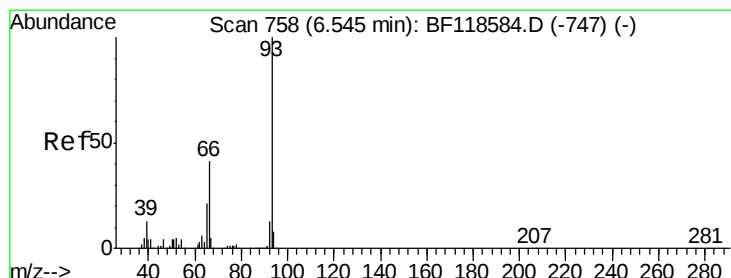
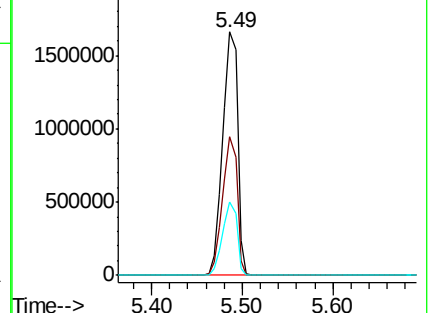
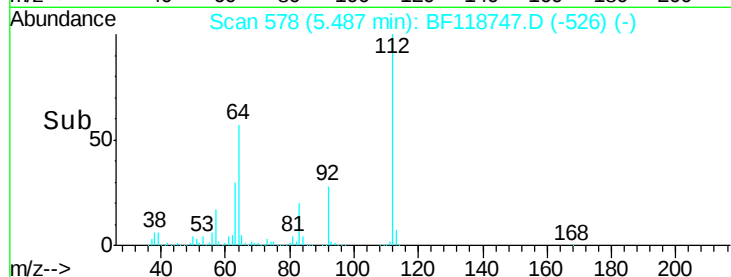
63 29.9 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.905 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

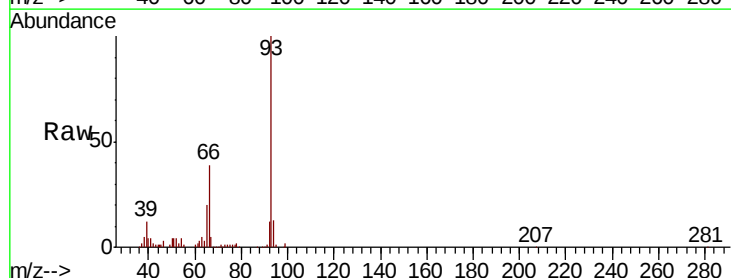
Tgt Ion: 93 Resp: 233986

Ion Ratio Lower Upper

93 100

66 39.2 31.3 46.9

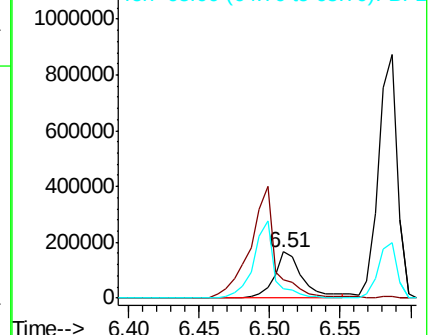
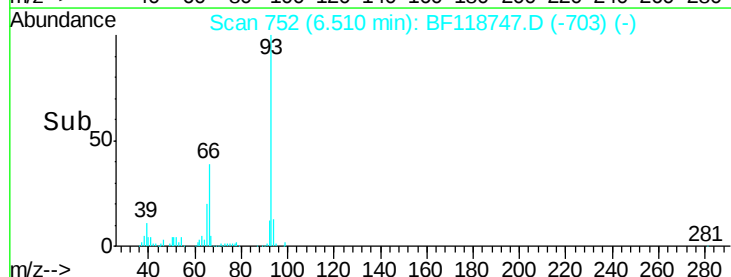
65 19.6 15.3 22.9

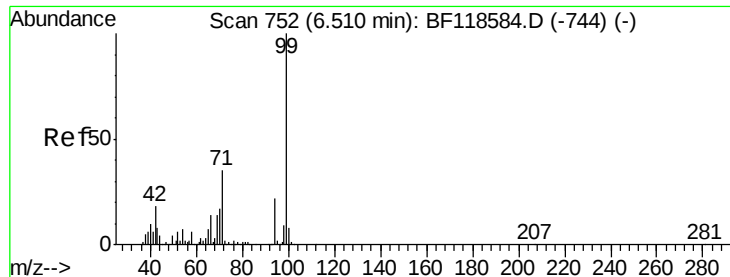


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.661 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

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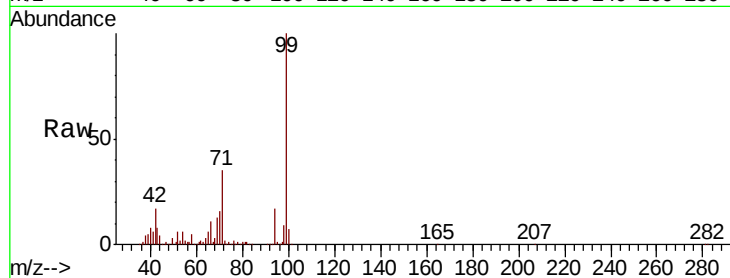
Tot Ion: 99 Resp: 2128374

Ion Ratio Lower Upper

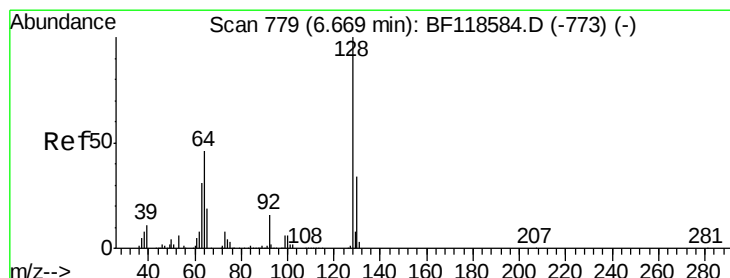
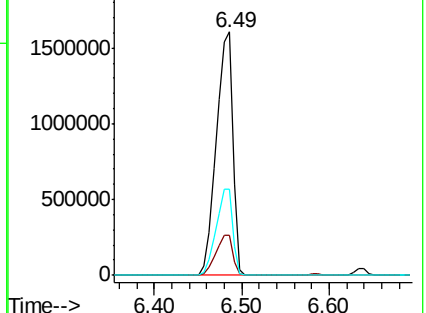
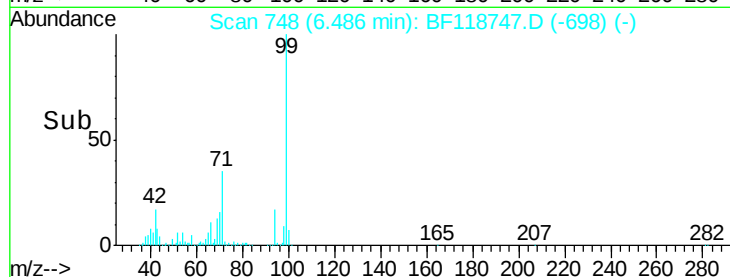
99 100

42 16.6 13.1 19.7

71 35.4 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: 51.149 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

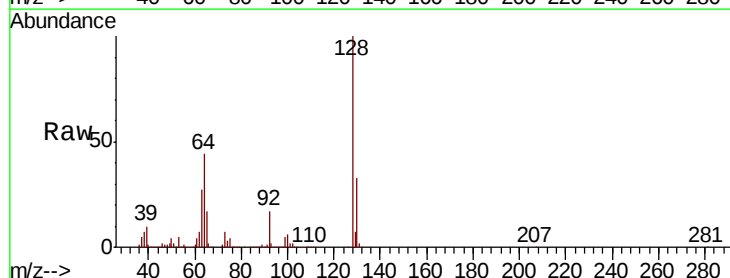
Tgt Ion: 128 Resp: 881422

Ion Ratio Lower Upper

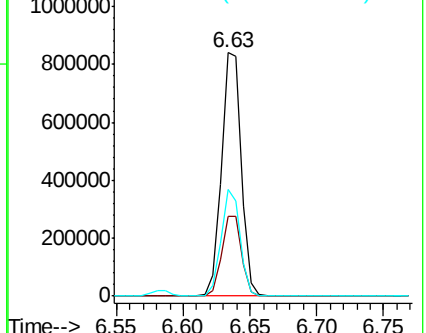
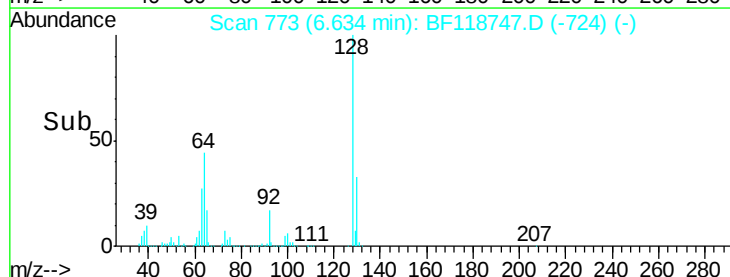
128 100

130 32.7 12.8 52.8

64 44.0 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: 35.956 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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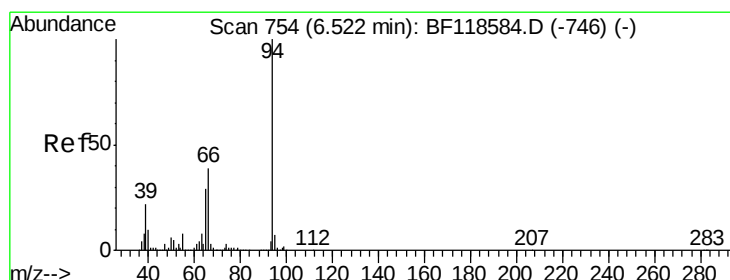
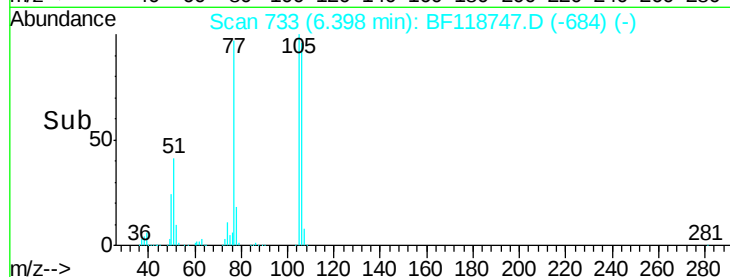
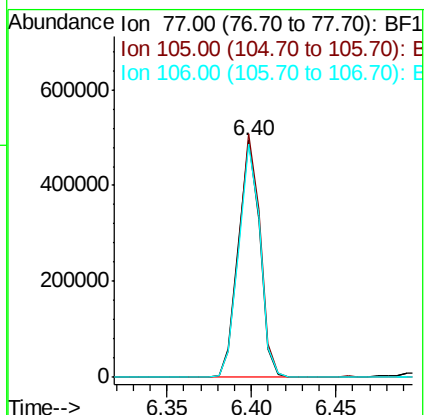
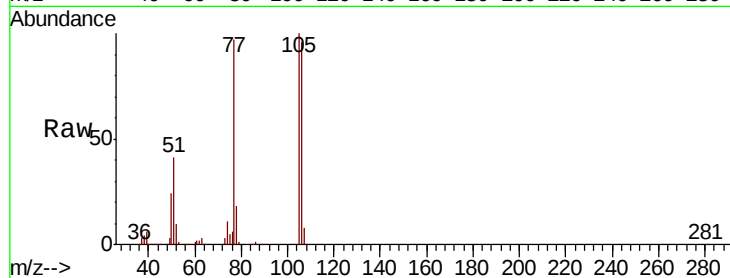
Tot Ion: 77 Resp: 436346

Ion Ratio Lower Upper

77 100

105 102.7 84.3 124.3

106 98.6 80.4 120.4



#10

Phenol

Concen: 39.092 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

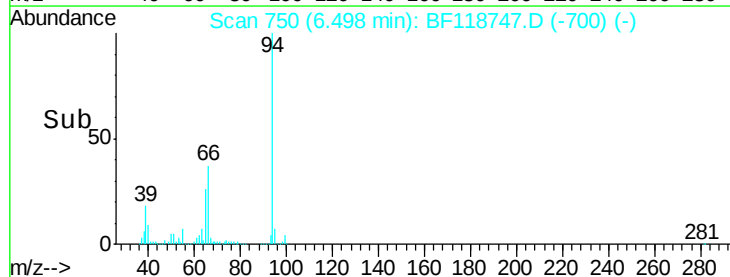
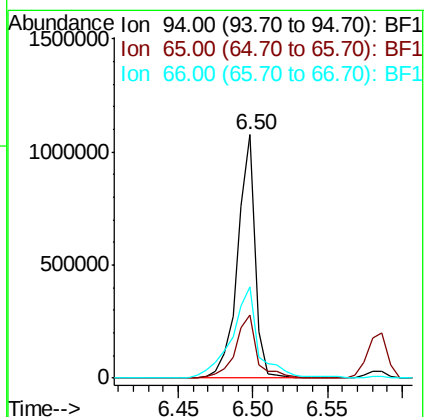
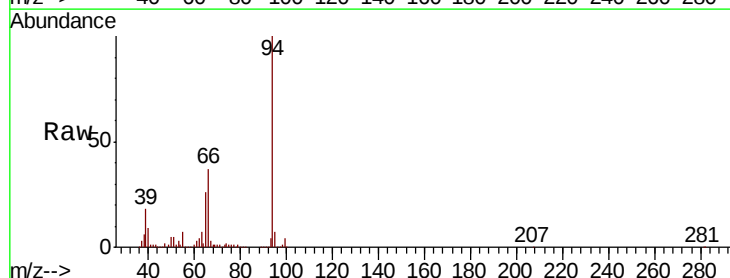
Tgt Ion: 94 Resp: 888982

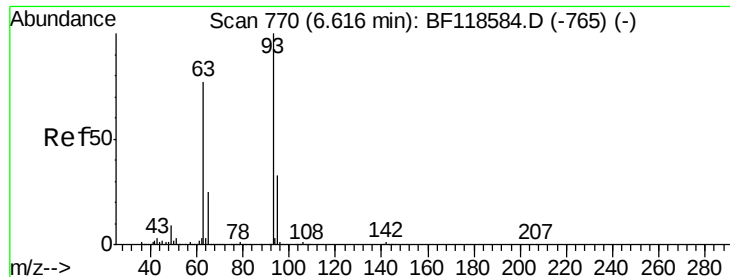
Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

66 37.4 19.1 59.1

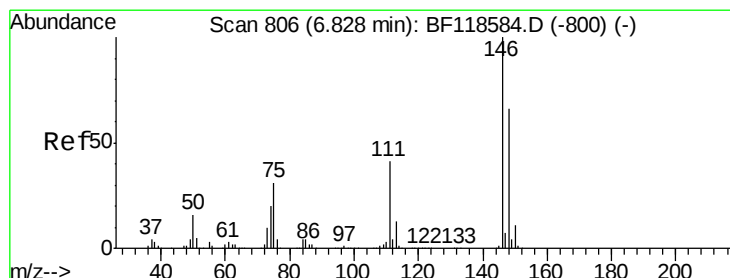
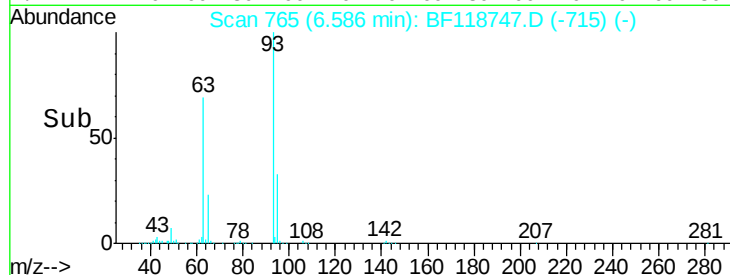
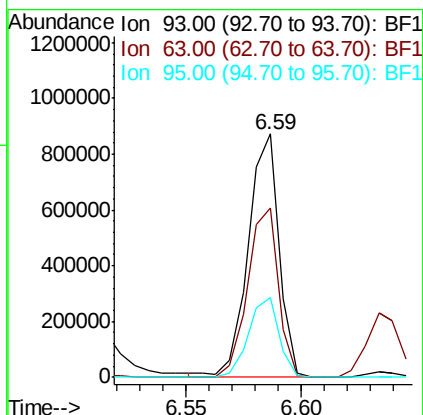
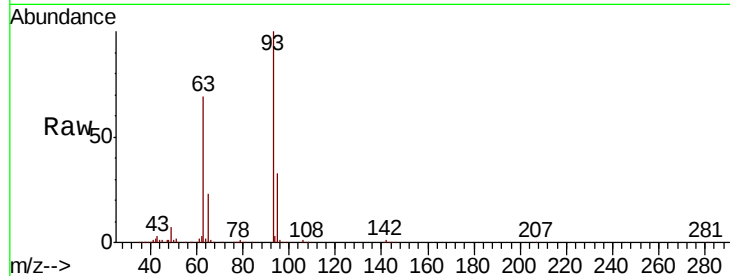




#11
bis(2-Chloroethyl)ether
Concen: 48.269 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

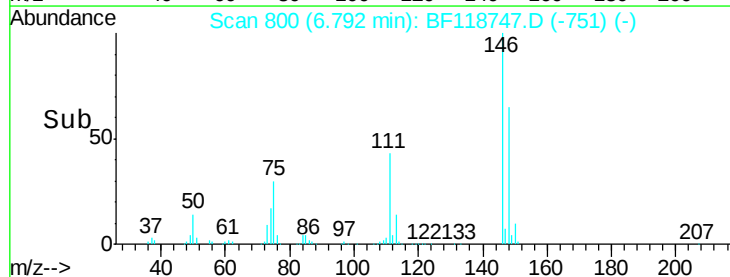
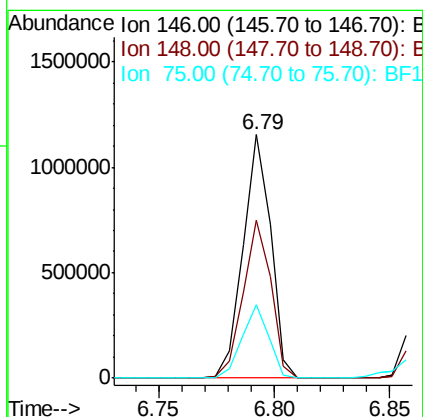
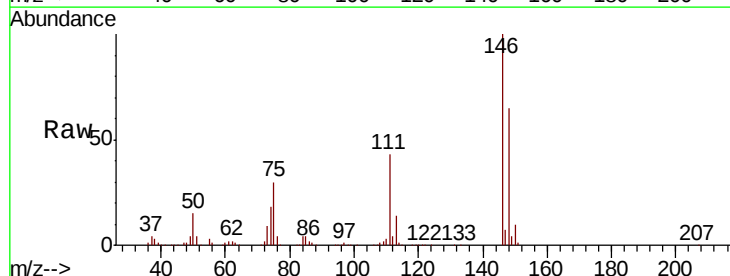
Instrument :
BNA_F
ClientSampleId :

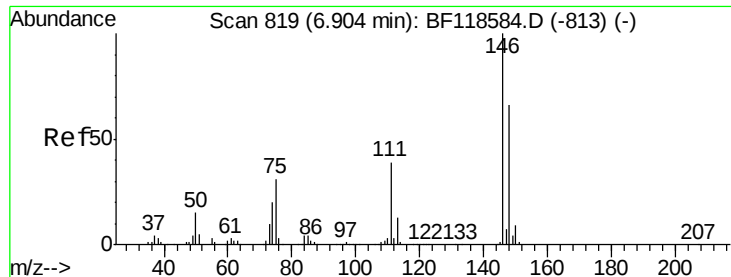
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	52.1	92.1
95	32.9	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 48.068 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
75	30.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 48.530 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

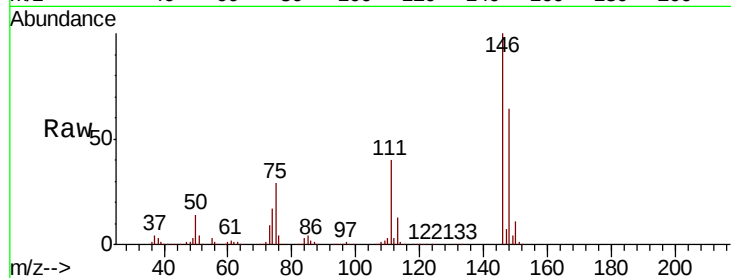
Tot Ion:146 Resp: 982578

Ion Ratio Lower Upper

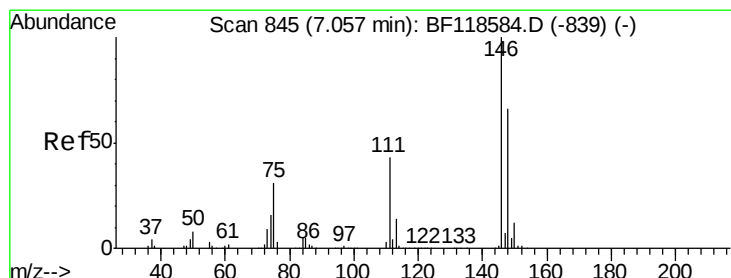
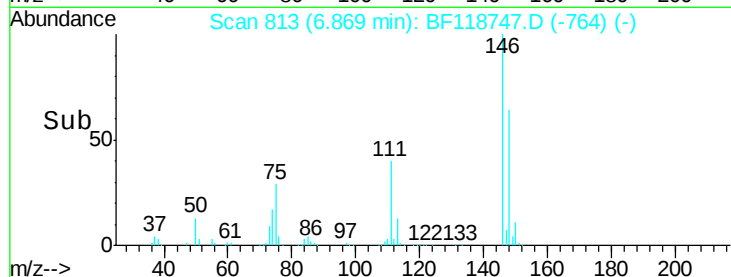
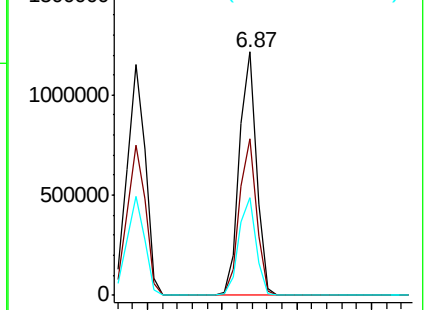
146 100

148 64.2 51.5 77.3

111 40.0 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: 47.470 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

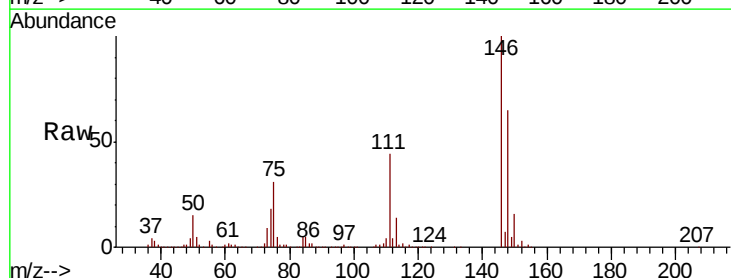
Tgt Ion:146 Resp: 903499

Ion Ratio Lower Upper

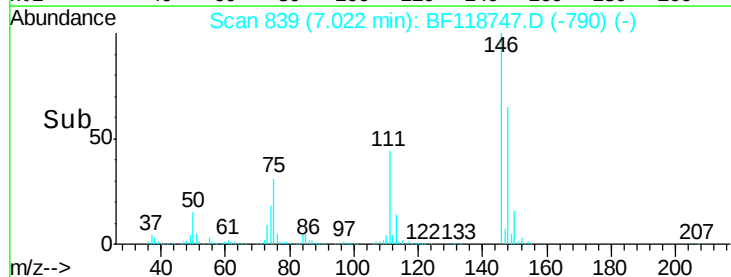
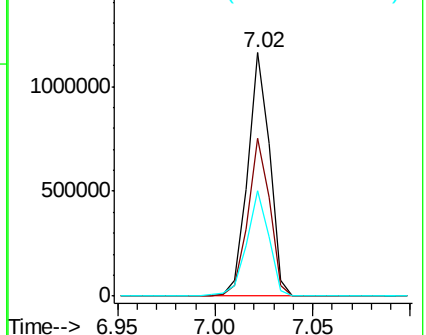
146 100

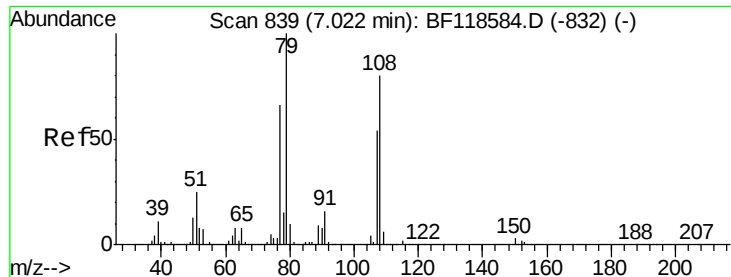
148 64.9 51.7 77.5

111 43.5 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

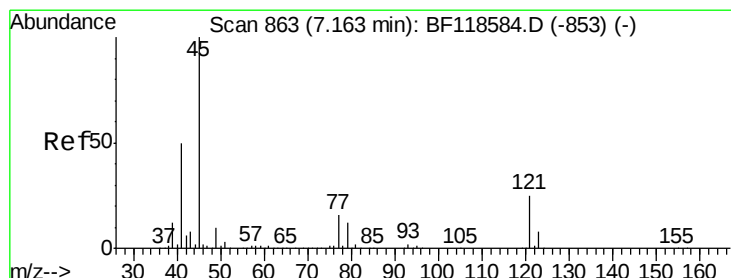
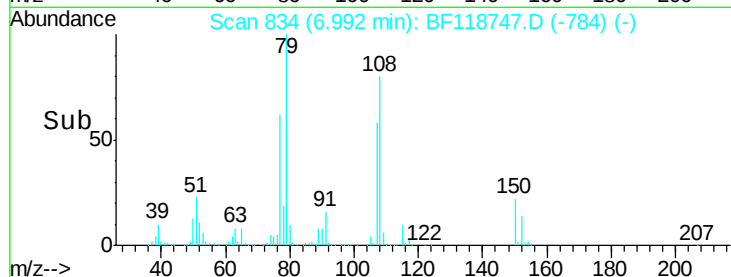
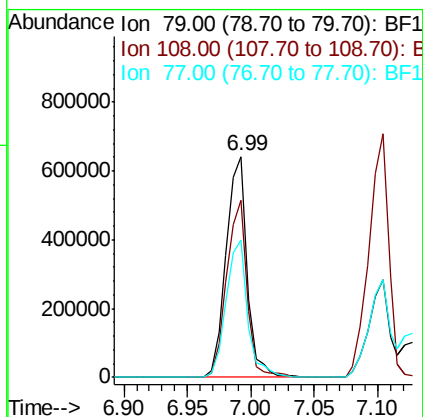
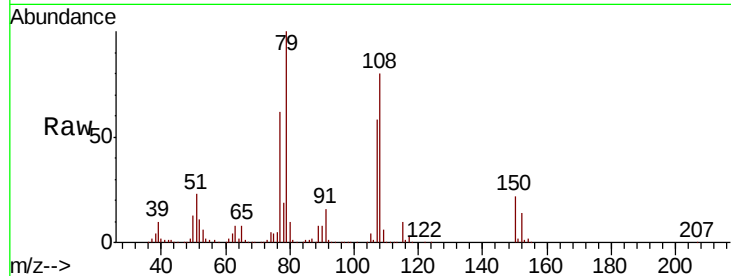




#15
Benzyl Alcohol
Concen: 46.557 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

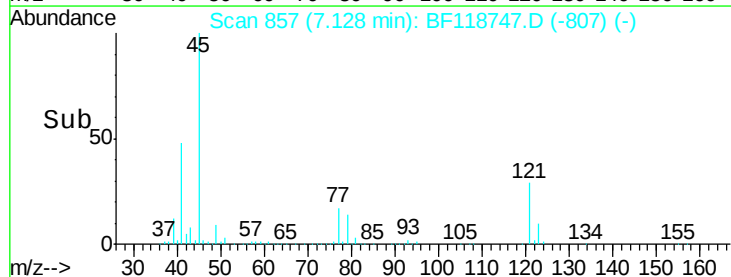
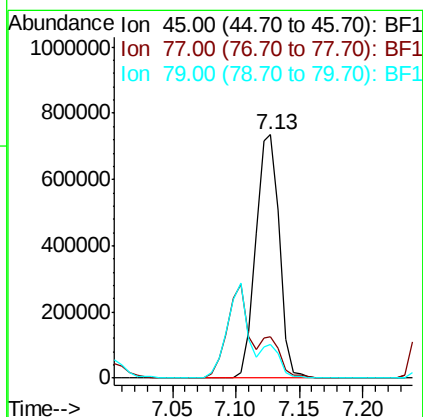
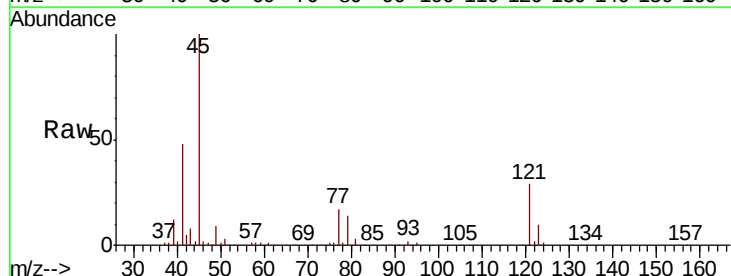
Instrument :
BNA_F
ClientSampled :

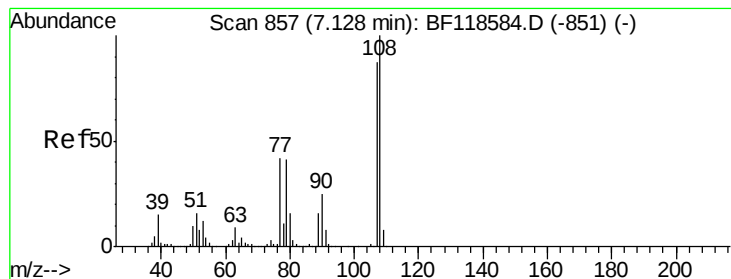
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.4	95.2
77	62.5	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.650 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	36.9
79	13.7	0.0	32.5





#17

2-Methylphenol

Concen: 47.528 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 682211

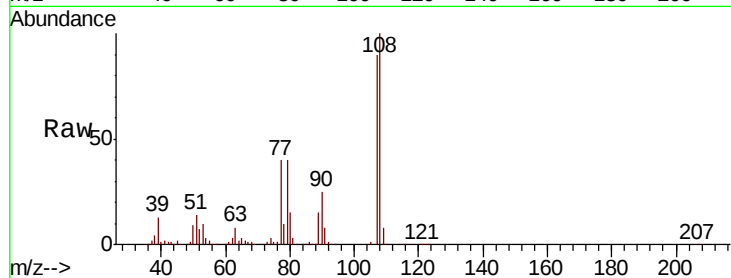
Ion Ratio Lower Upper

107 100

108 110.7 88.0 132.0

77 44.3 35.3 52.9

79 44.7 35.4 53.2

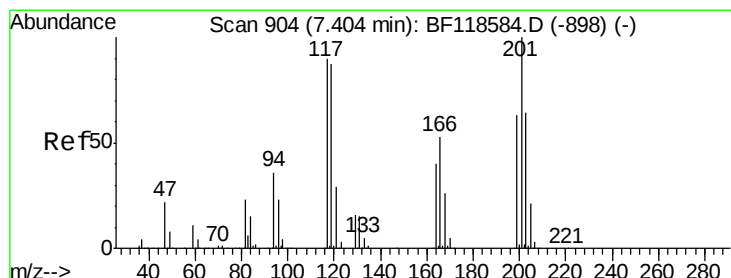
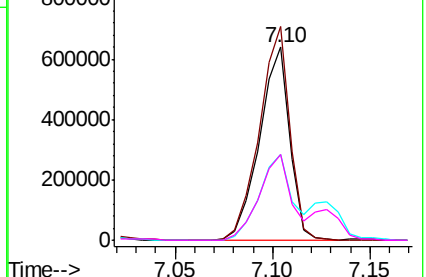
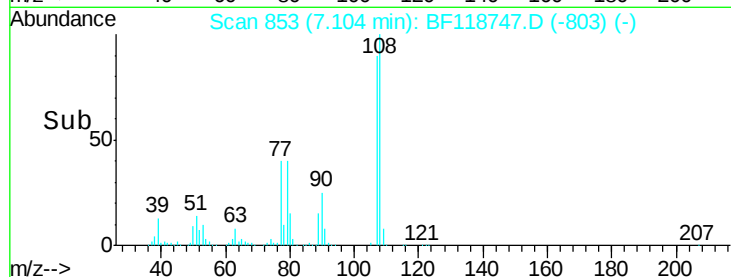


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.090 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

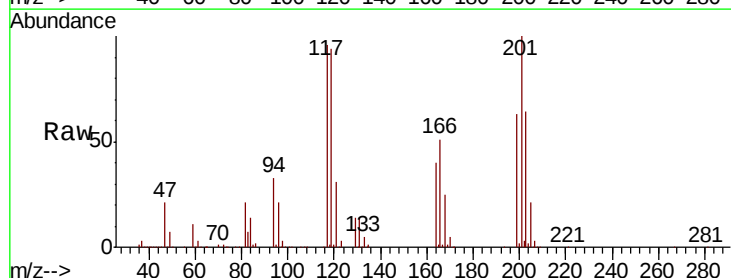
Tgt Ion:117 Resp: 345717

Ion Ratio Lower Upper

117 100

119 97.7 76.2 114.2

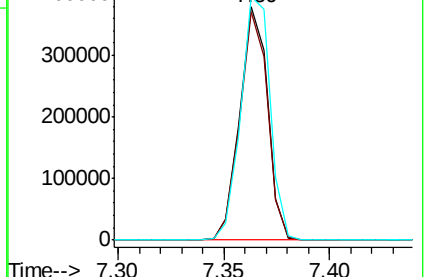
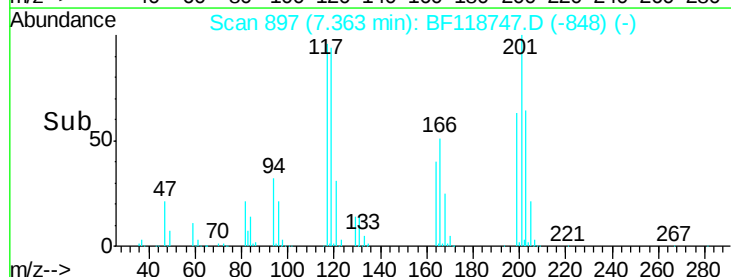
201 104.5 83.3 124.9

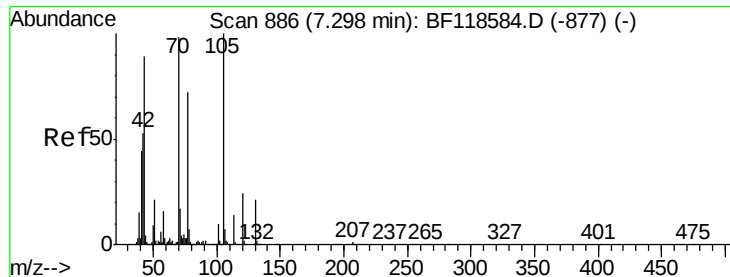


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

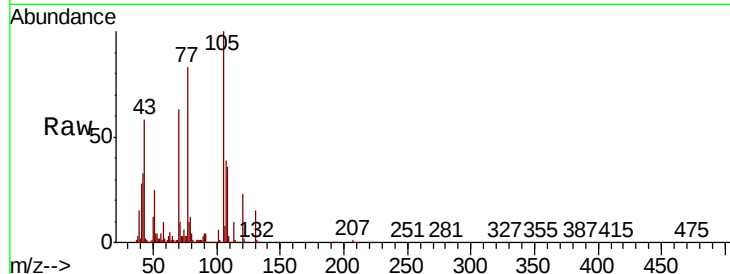




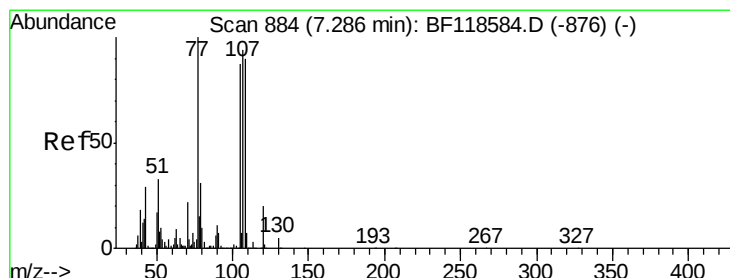
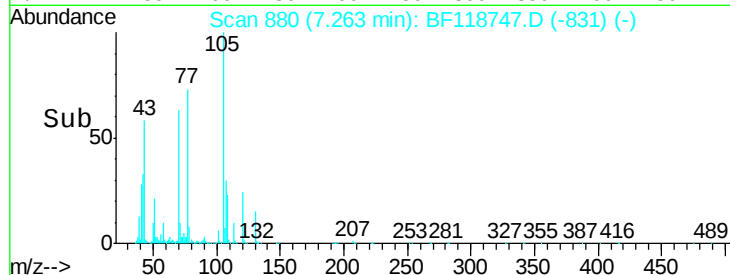
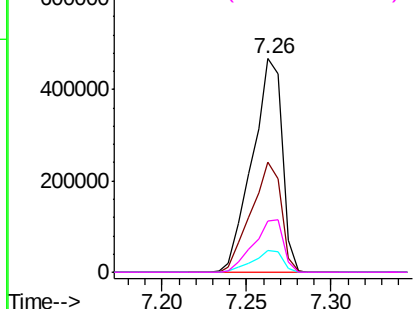
#19
n-Nitroso-di-n-propylamine
Concen: 42.896 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	577968
Ion	Ratio	Lower	Upper
70	100		
42	51.9	41.6	62.4
101	10.3	7.9	11.9
130	23.8	19.0	28.6

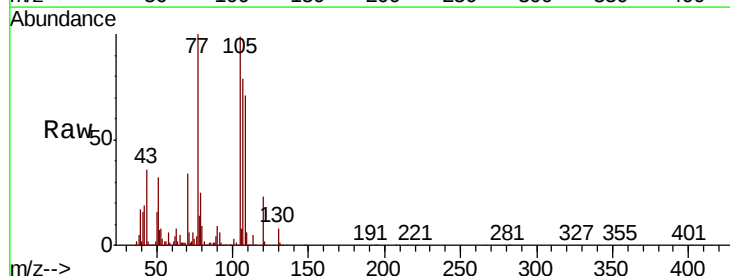


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

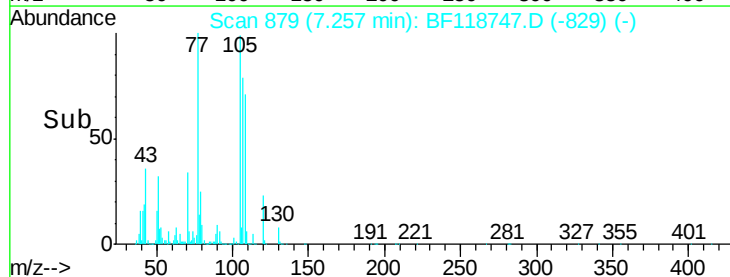
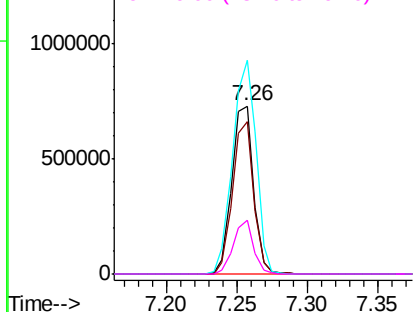


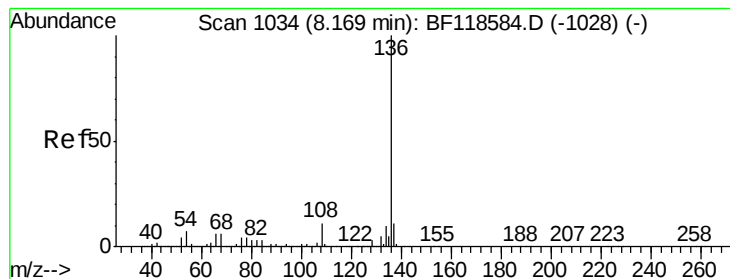
#20
3+4-Methylphenols
Concen: 44.579 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion:	107	Resp:	781249
Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.5	107.5
77	127.4	73.6	113.6#
79	32.0	9.3	49.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1056364

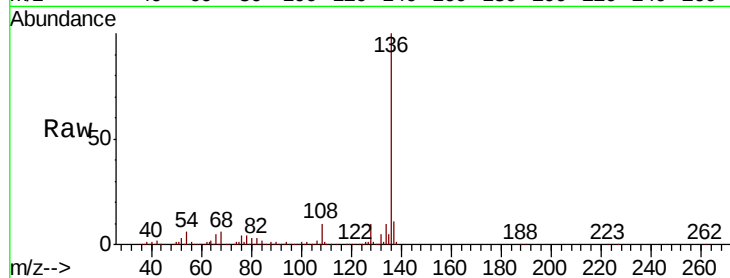
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.2 5.1 7.7

68 5.5 4.3 6.5

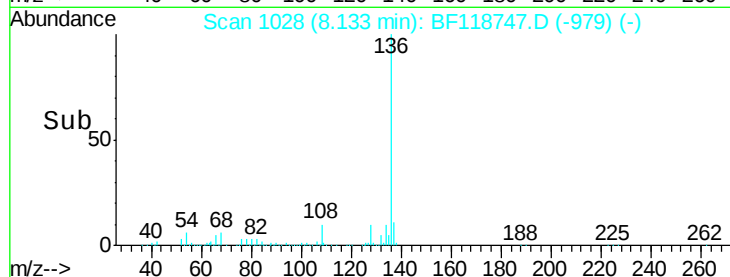


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

1500000

1000000

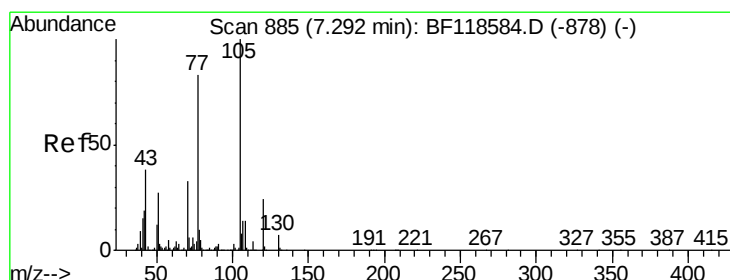
500000

0

8.13

8.05 8.10 8.15 8.20 8.25

Time-->



#22

Acetophenone

Concen: 44.128 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Tgt Ion:105 Resp: 1104268

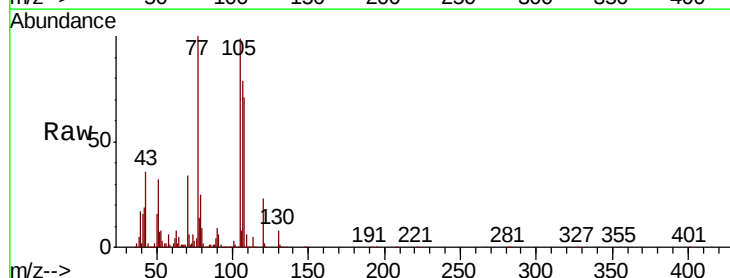
Ion Ratio Lower Upper

105 100

71 5.6 4.3 6.5

51 32.7 23.5 35.3

120 22.9 18.6 28.0

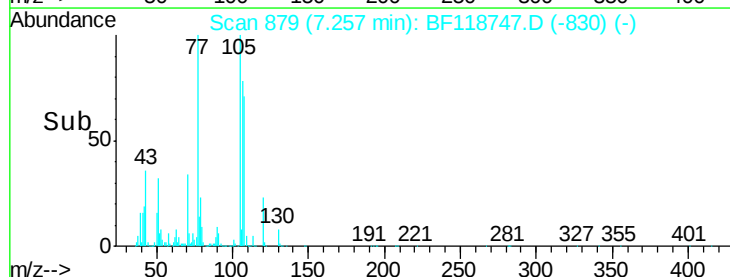


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

1000000

500000

0

7.26

7.20 7.25 7.30 7.35

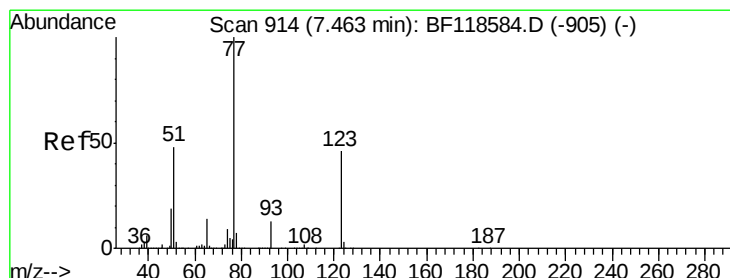
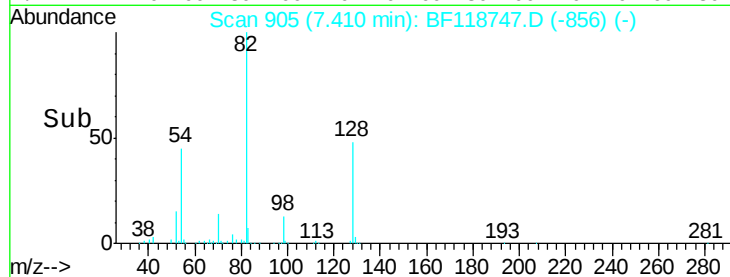
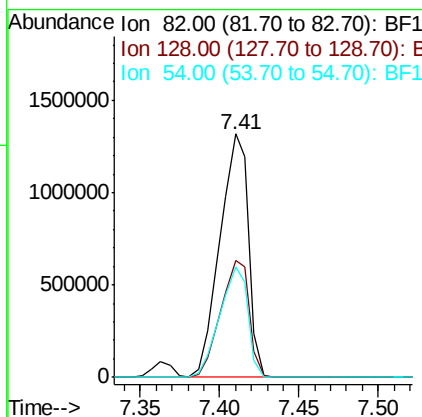
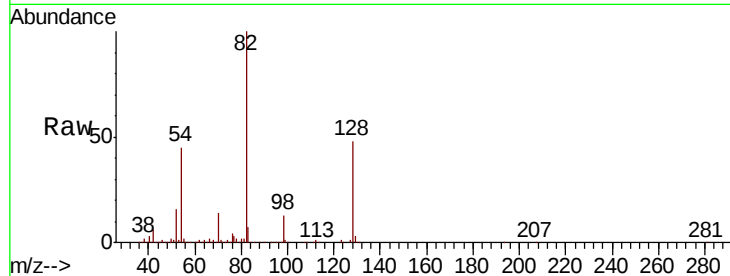
Time-->



#23
 Nitrobenzene-d5
 Concen: 87.107 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

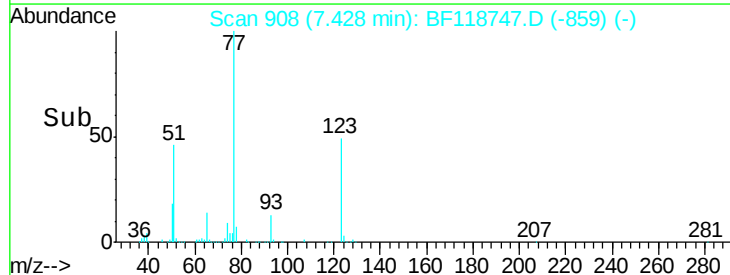
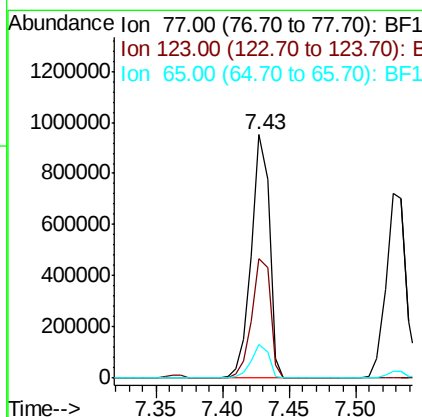
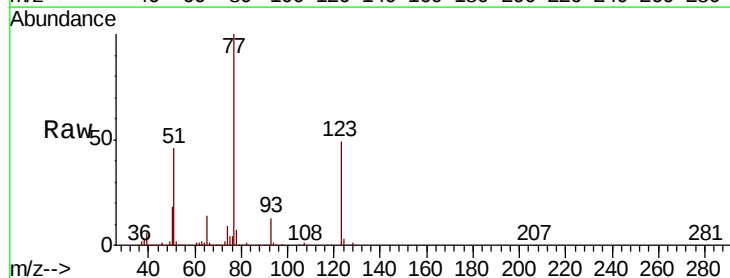
Instrument :
 BNA_F
 ClientSampleId :

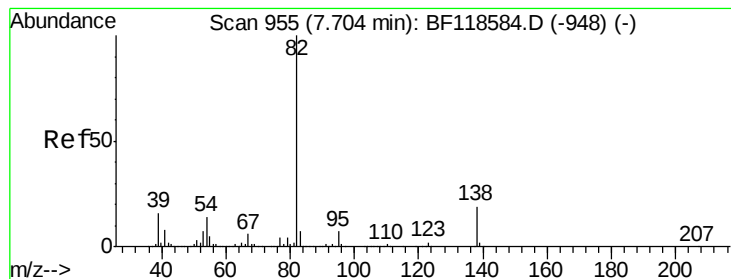
Tot Ion: 82 Resp: 1645096
 Ion Ratio Lower Upper
 82 100
 128 47.8 38.2 57.2
 54 45.2 36.1 54.1



#24
 Nitrobenzene
 Concen: 45.388 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Tgt Ion: 77 Resp: 877699
 Ion Ratio Lower Upper
 77 100
 123 48.8 39.2 58.8
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 46.411 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

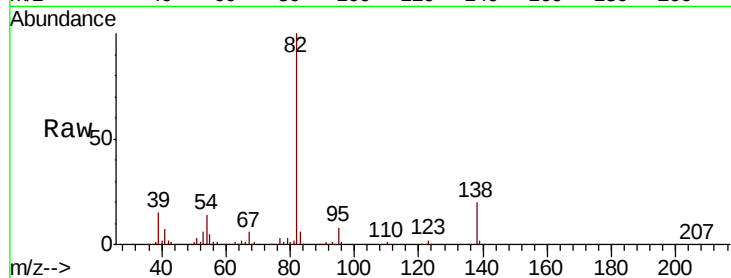
Tot Ion: 82 Resp: 1598708

Ion Ratio Lower Upper

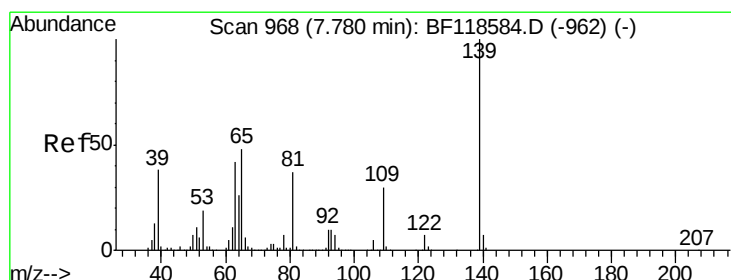
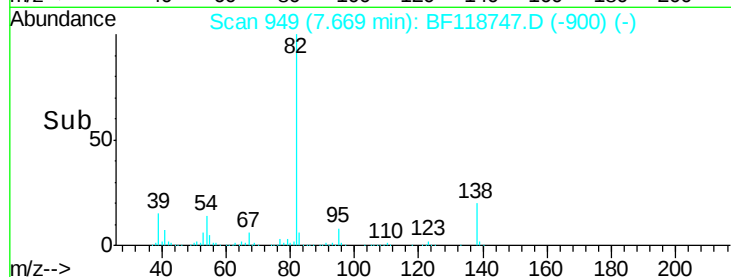
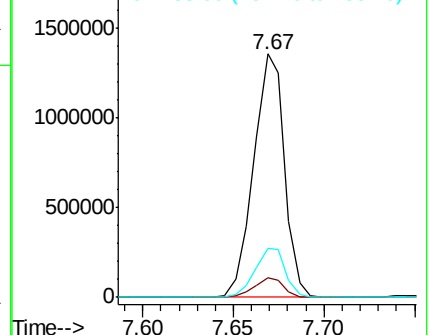
82 100

95 7.8 5.8 8.8

138 20.0 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: 57.636 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

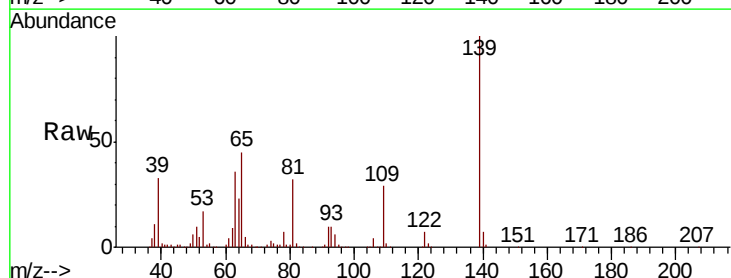
Tgt Ion: 139 Resp: 475291

Ion Ratio Lower Upper

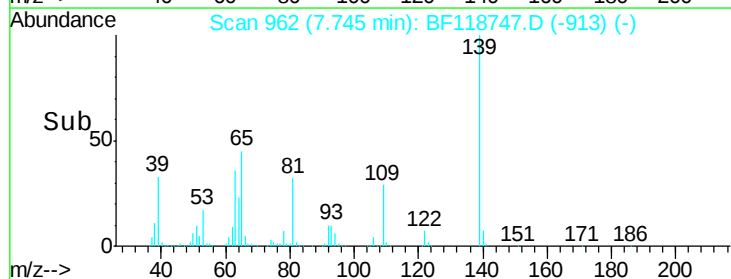
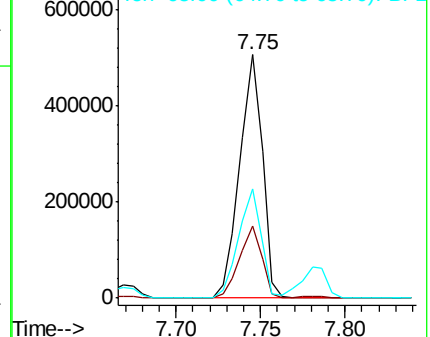
139 100

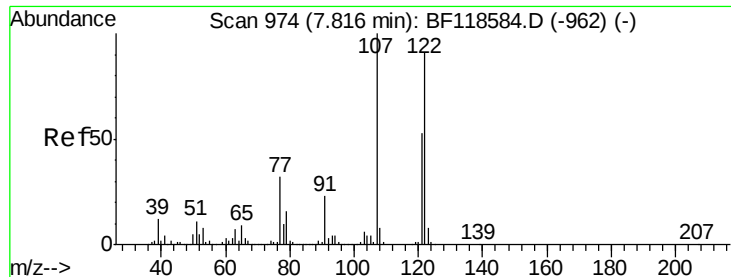
109 29.4 23.1 34.7

65 44.8 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

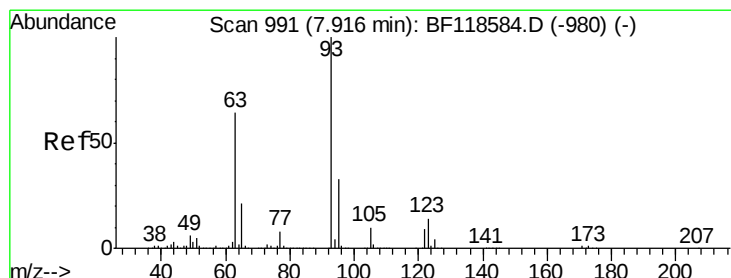
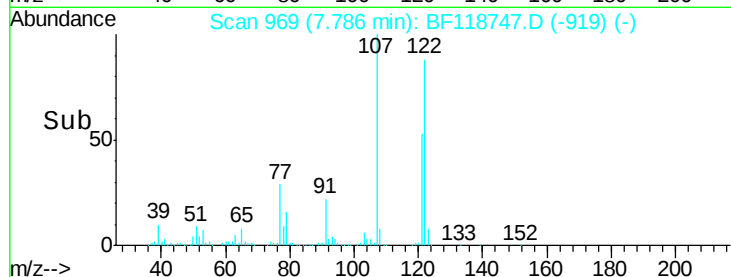
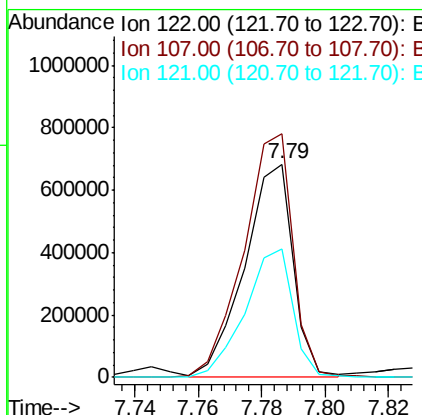
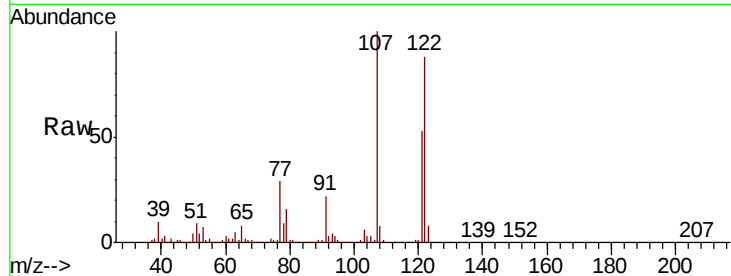




#27
 2,4-Dimethylphenol
 Concen: 51.089 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

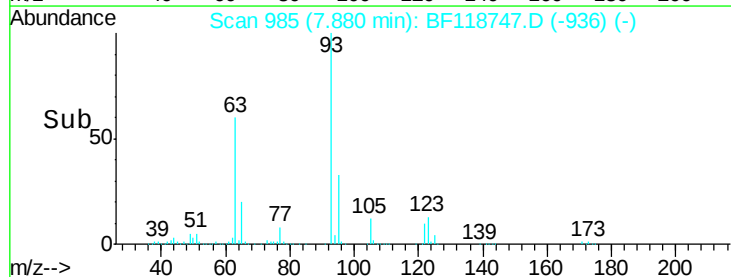
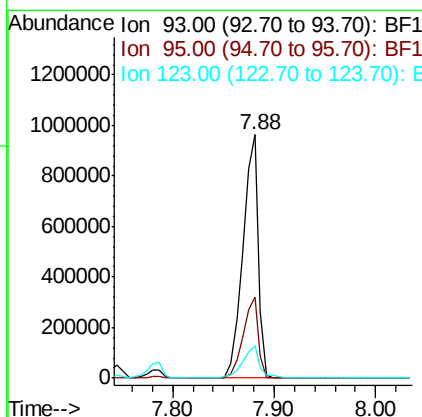
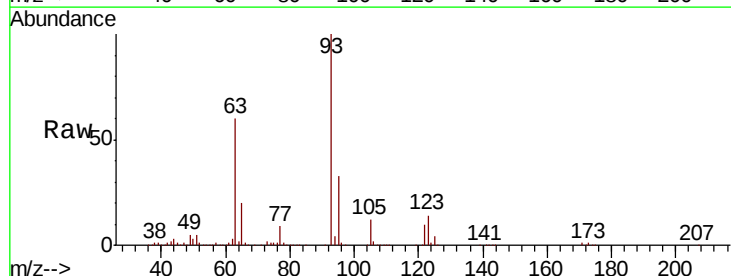
Instrument :
 BNA_F
 ClientSampled :

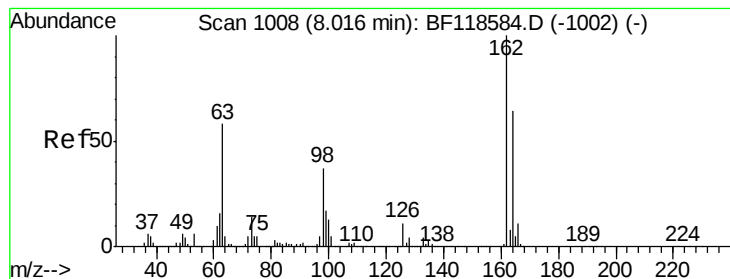
Tot Ion:122 Resp: 727505
 Ion Ratio Lower Upper
 122 100
 107 114.1 91.8 137.8
 121 60.0 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.282 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Tgt Ion: 93 Resp: 1005058
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.8 40.2
 123 13.6 10.7 16.1





#29

2,4-Dichlorophenol

Concen: 48.106 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampled :

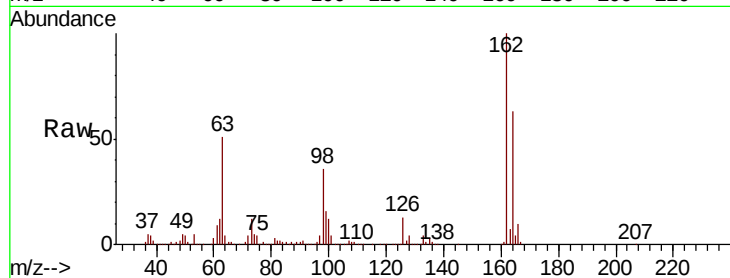
Tot Ion:162 Resp: 757279

Ion Ratio Lower Upper

162 100

164 63.3 43.8 83.8

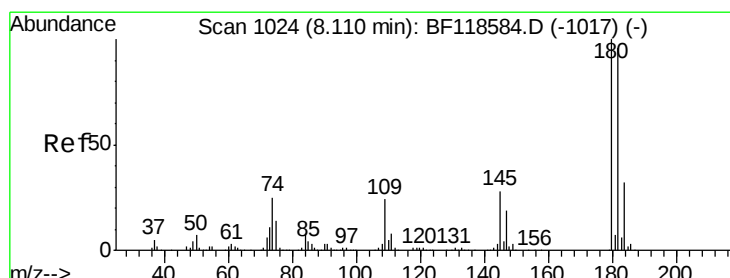
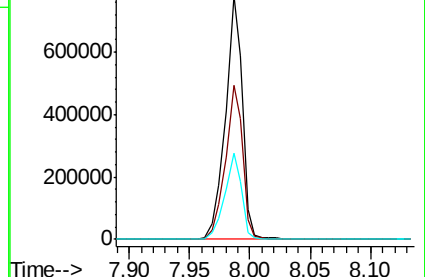
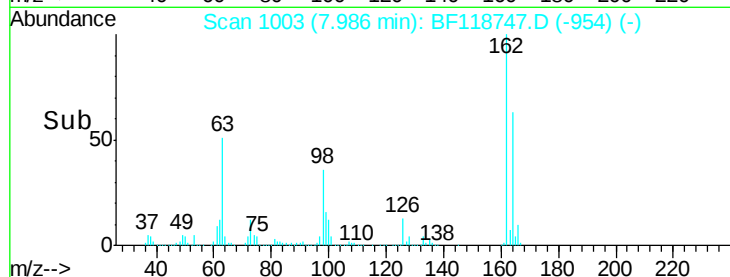
98 35.5 15.0 55.0



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: 47.043 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

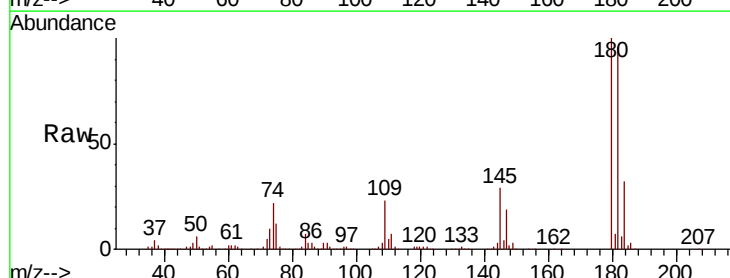
Tgt Ion:180 Resp: 858636

Ion Ratio Lower Upper

180 100

182 96.1 77.0 115.4

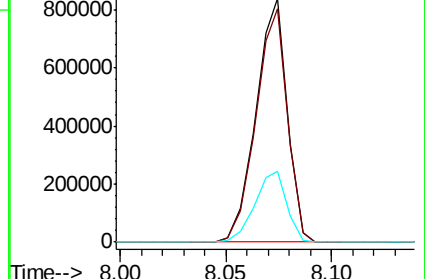
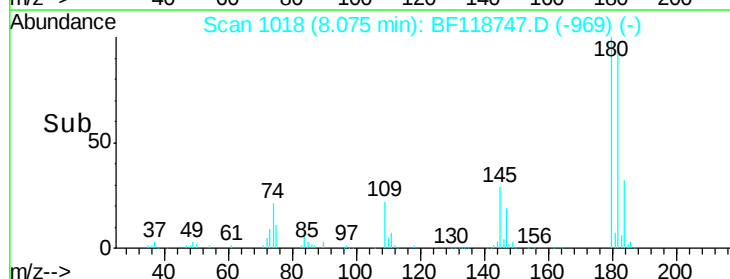
145 29.1 23.5 35.3

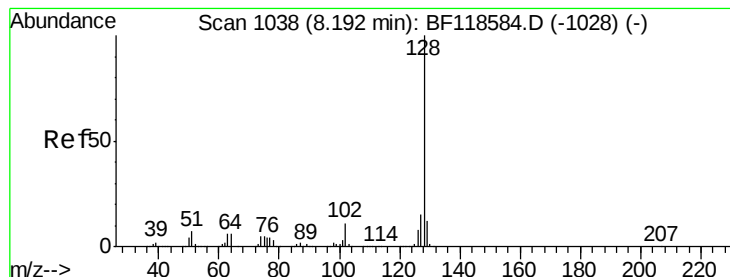


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.858 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

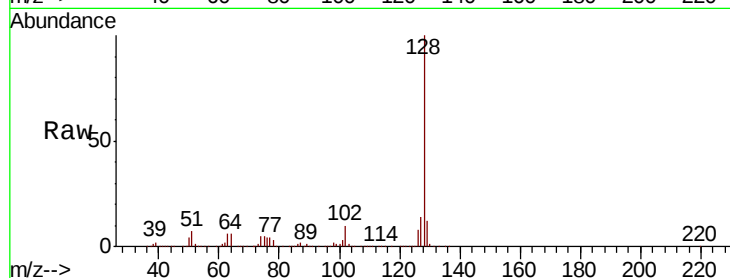
Tot Ion:128 Resp: 2426904

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.0

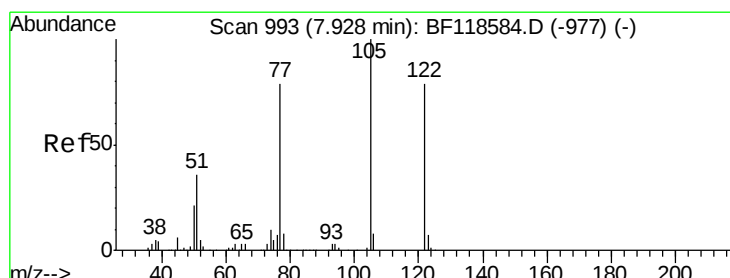
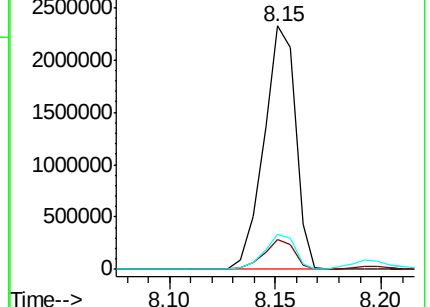
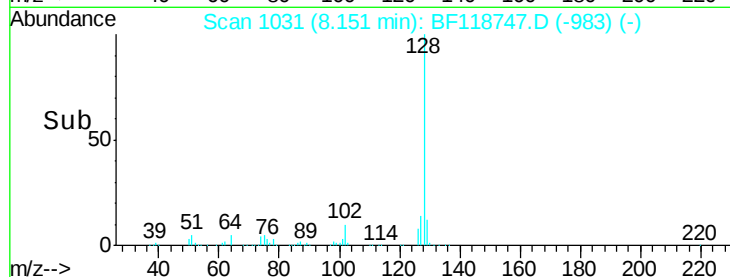
127 14.3 11.3 16.9



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: 35.924 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

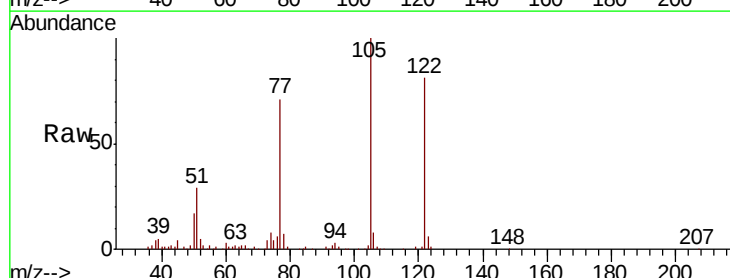
Tgt Ion:122 Resp: 383932

Ion Ratio Lower Upper

122 100

105 123.7 100.9 140.9

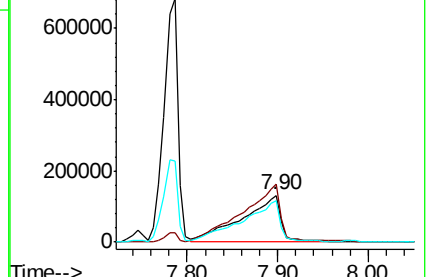
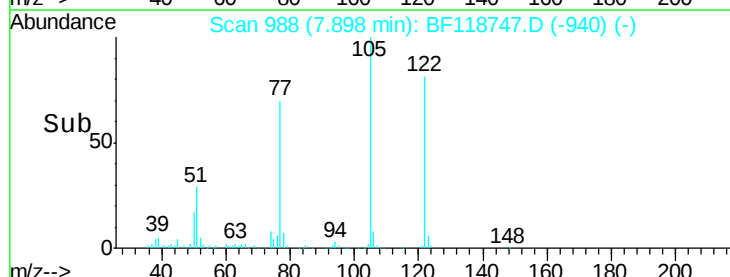
77 87.9 65.1 105.1

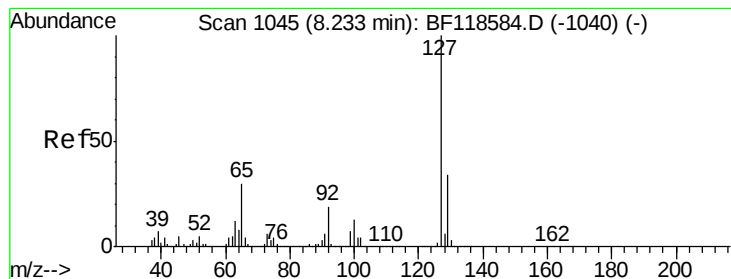


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 5.383 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF118747.D

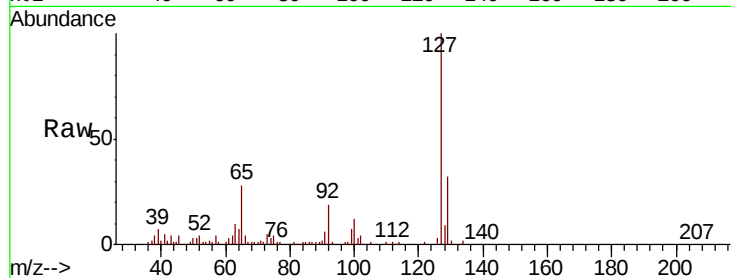
Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	118717
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	28.2	22.6	33.8
92	19.4	15.3	22.9

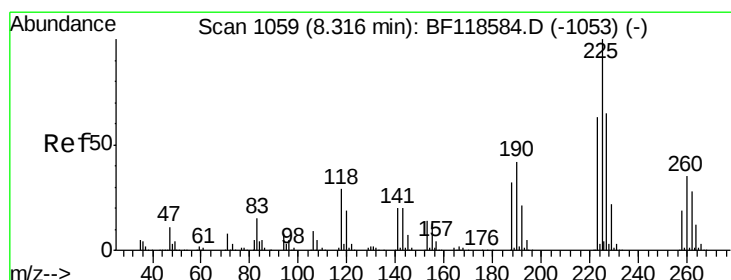
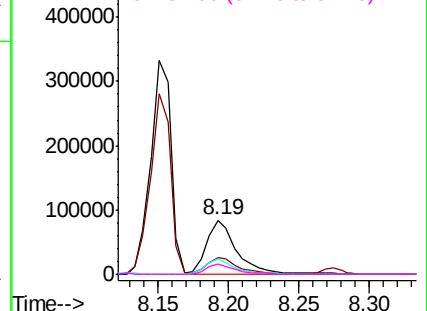
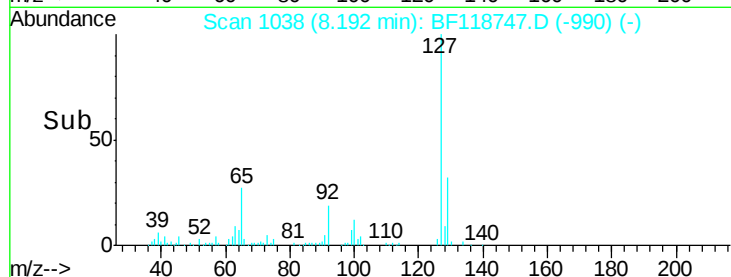


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 46.270 ng

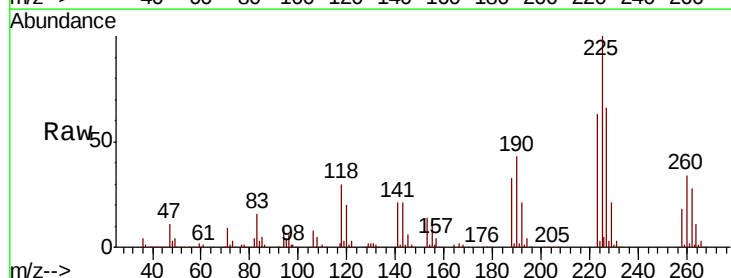
RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

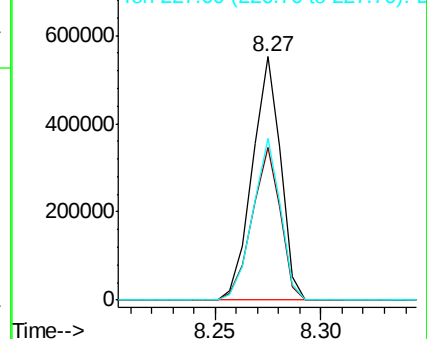
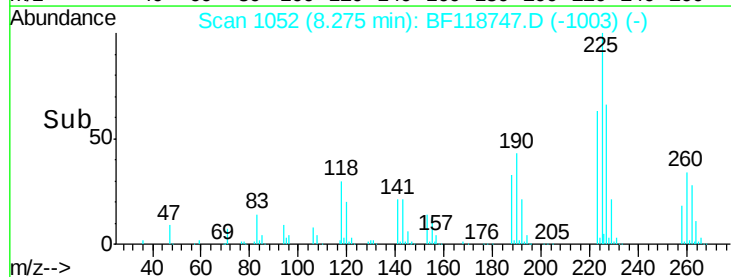
Tgt Ion:	225	Resp:	514310
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	66.2	50.5	75.7

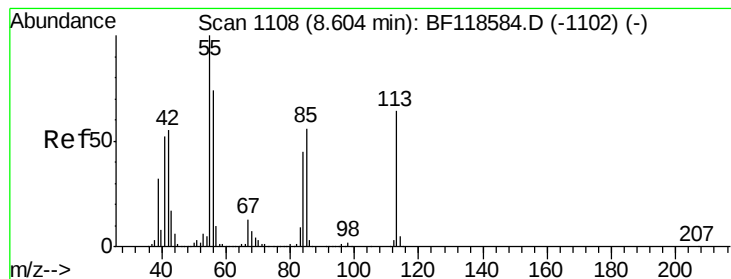


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.816 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

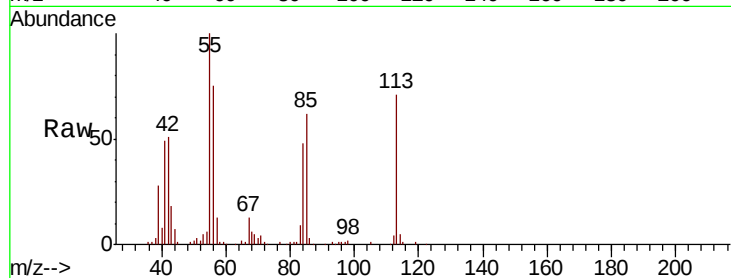
Tot Ion:113 Resp: 102081

Ion Ratio Lower Upper

113 100

55 140.4 119.0 159.0

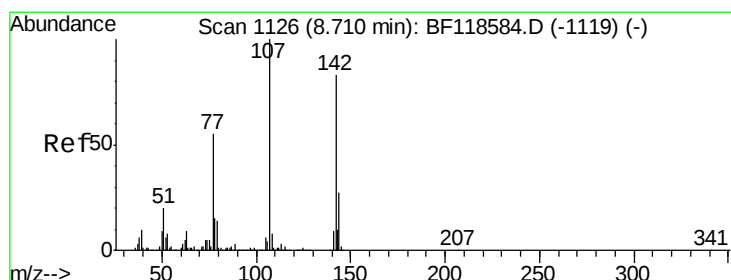
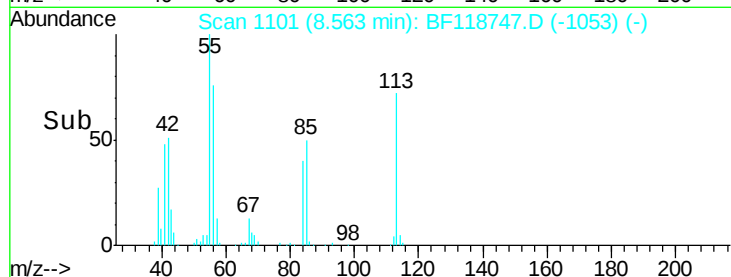
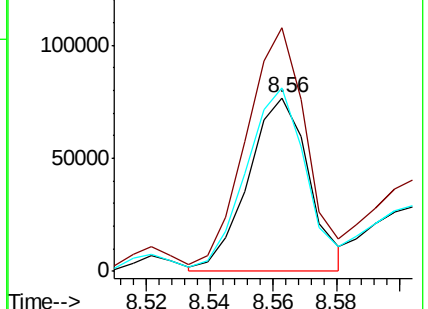
56 105.5 85.4 125.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.188 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

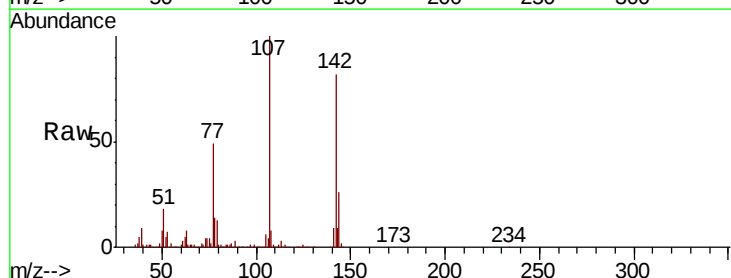
Tgt Ion:107 Resp: 749075

Ion Ratio Lower Upper

107 100

144 26.3 20.9 31.3

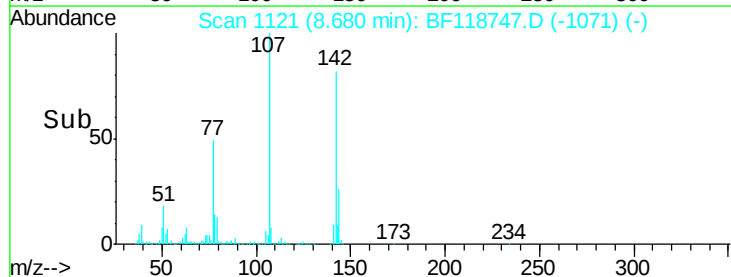
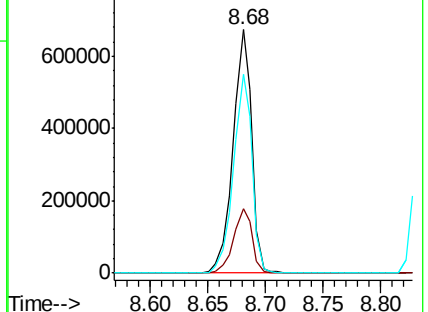
142 81.9 64.5 96.7

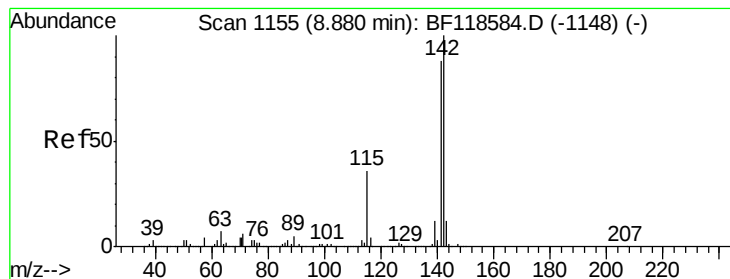


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.217 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

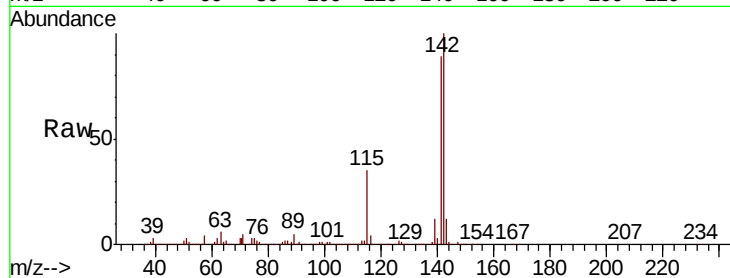
Tot Ion:142 Resp: 1691477

Ion Ratio Lower Upper

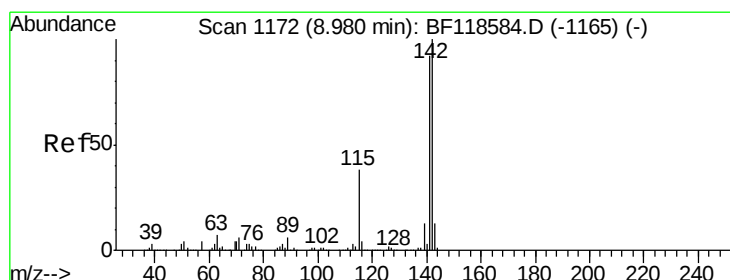
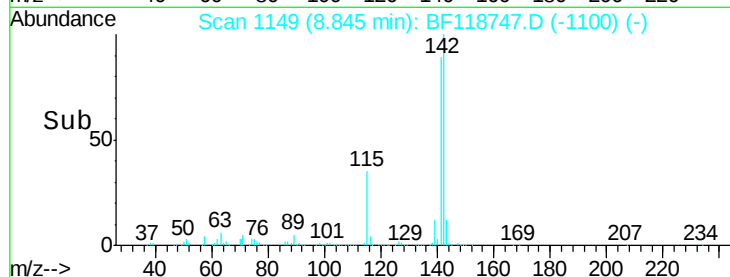
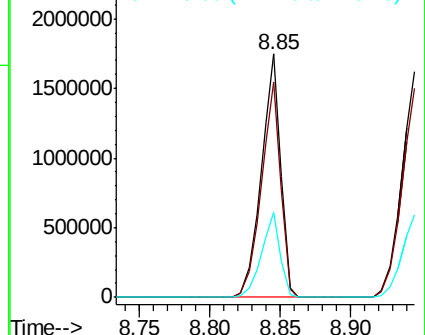
142 100

141 88.6 71.4 107.0

115 34.9 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: 49.937 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

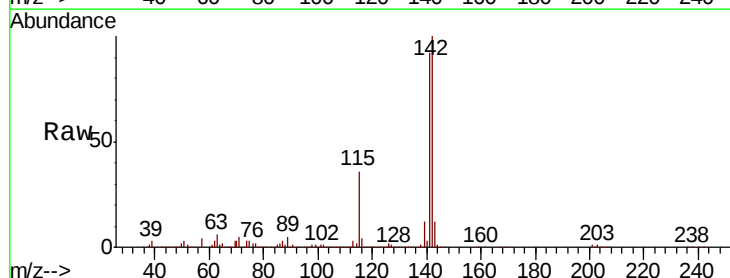
Tgt Ion:142 Resp: 1598002

Ion Ratio Lower Upper

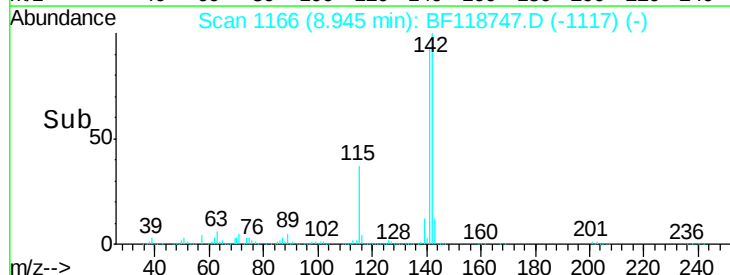
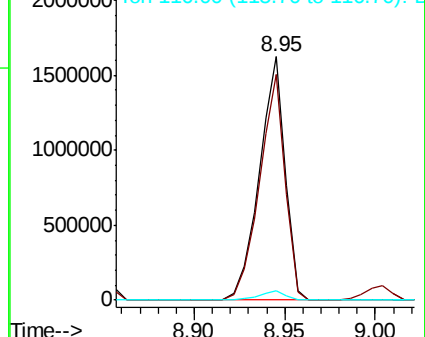
142 100

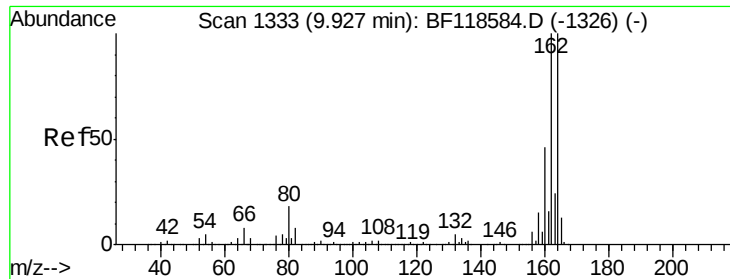
141 92.5 73.5 110.3

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

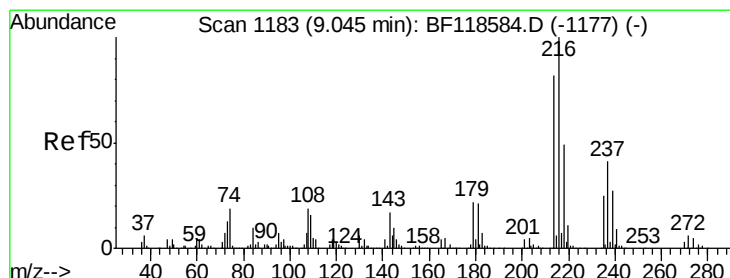
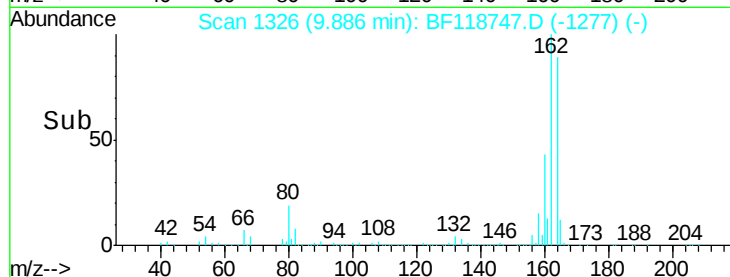
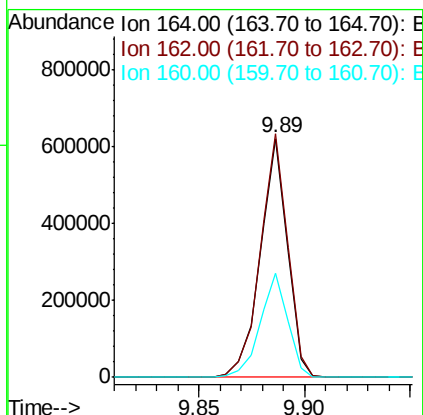
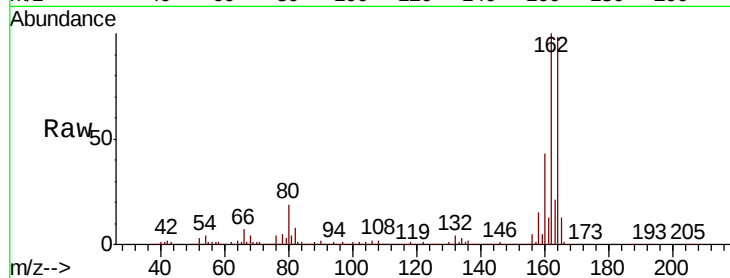




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

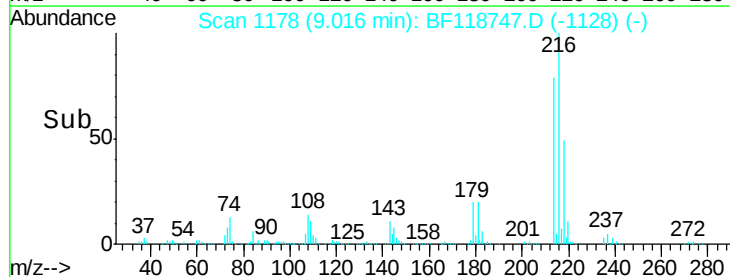
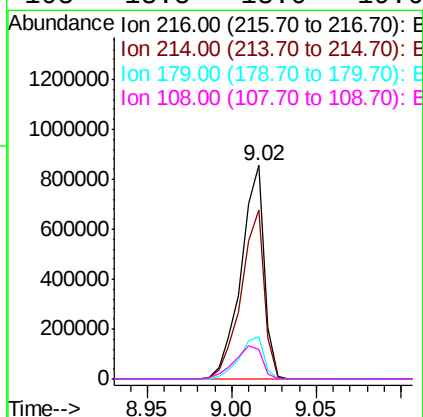
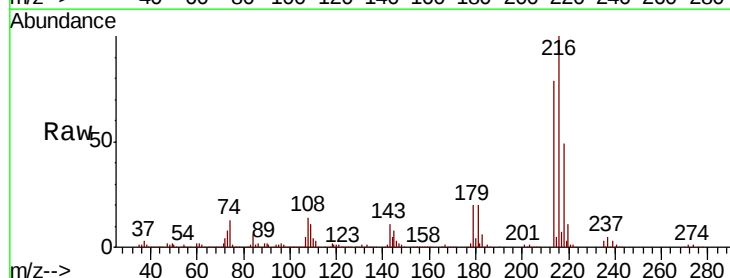
Instrument :
 BNA_F
 ClientSampleId :

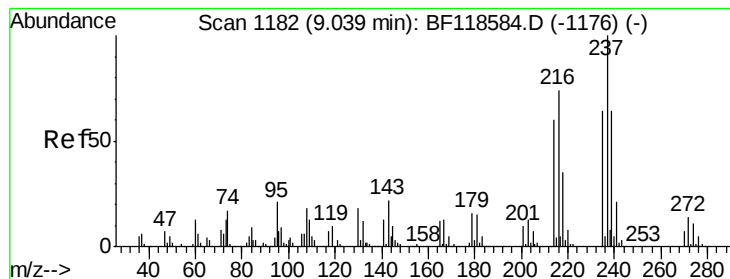
Tot Ion:164 Resp: 557831
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.8 121.2
 160 43.5 35.4 53.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.033 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Tgt Ion:216 Resp: 820929
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.4 95.2
 179 20.9 17.0 25.4
 108 18.5 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 93.392 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampled :

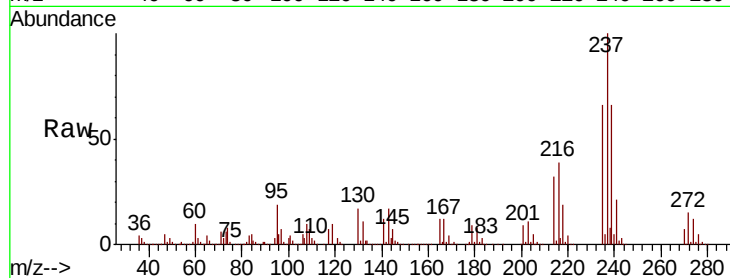
Tot Ion:237 Resp: 822432

Ion Ratio Lower Upper

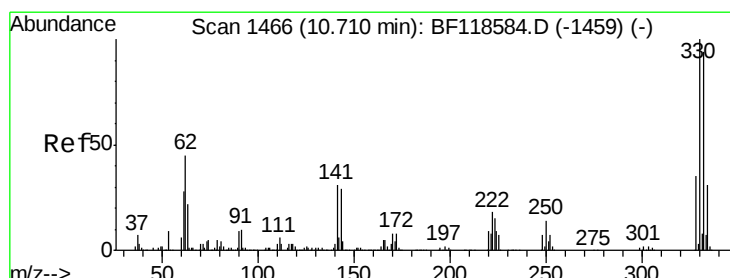
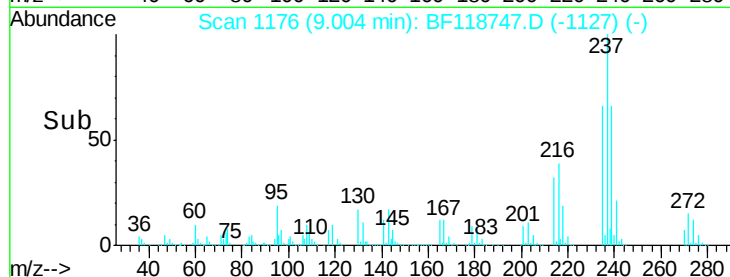
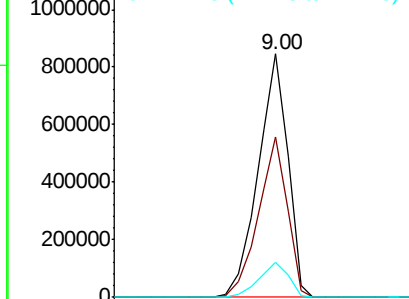
237 100

235 65.7 42.7 82.7

272 14.5 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: 133.767 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

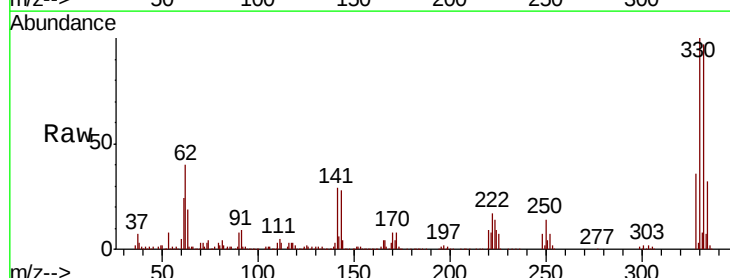
Tgt Ion:330 Resp: 863068

Ion Ratio Lower Upper

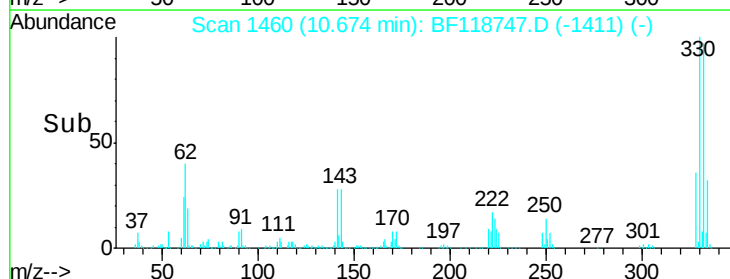
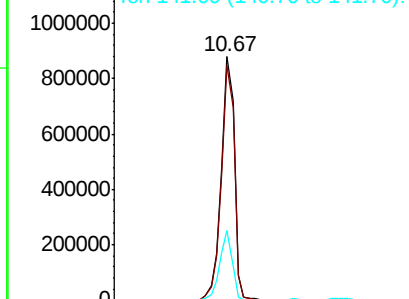
330 100

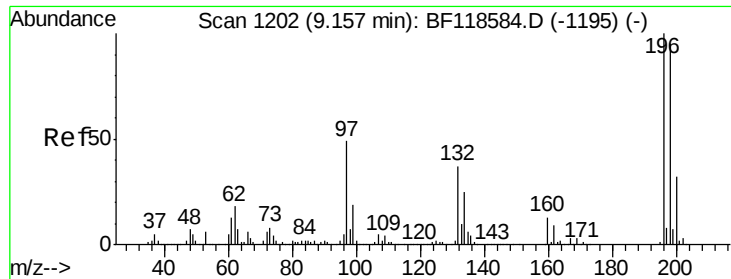
332 96.3 77.6 116.4

141 27.0 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

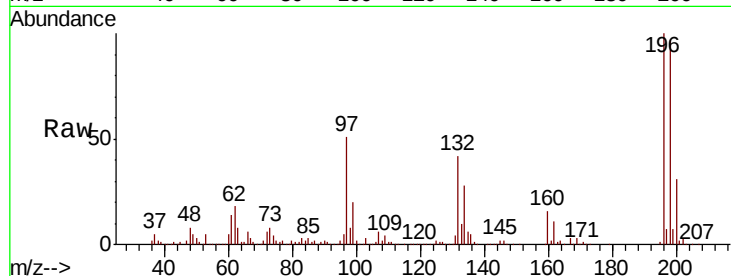




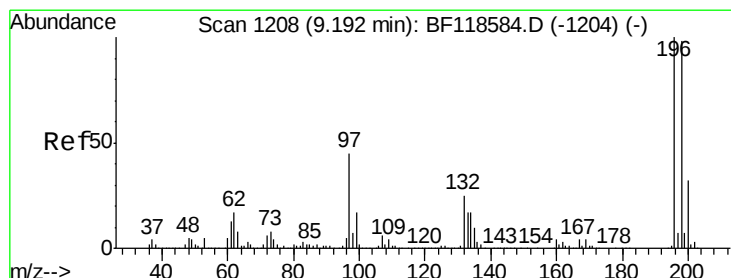
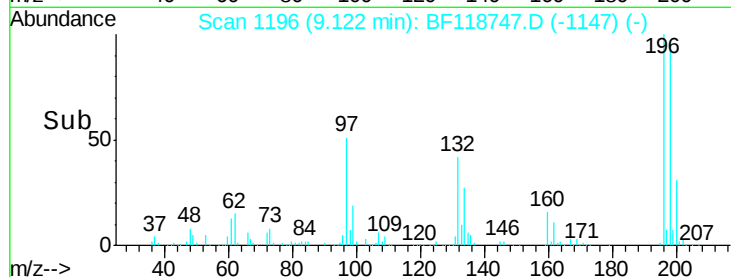
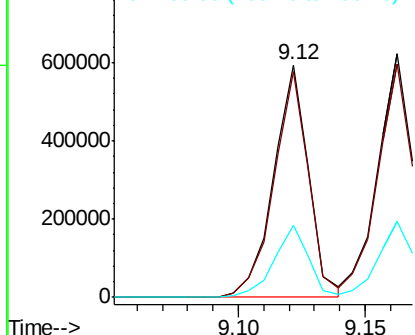
#43
 2,4,6-Trichlorophenol
 Concen: 49.468 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 572949
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.4 114.6
 200 31.0 25.4 38.2

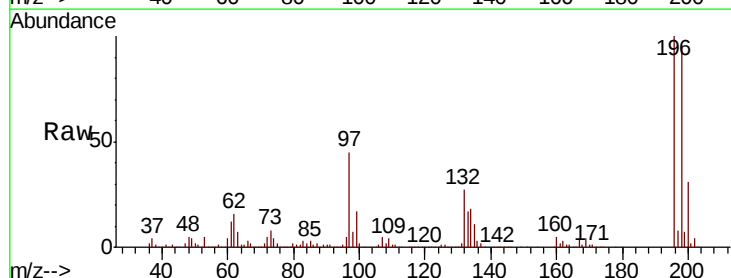


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

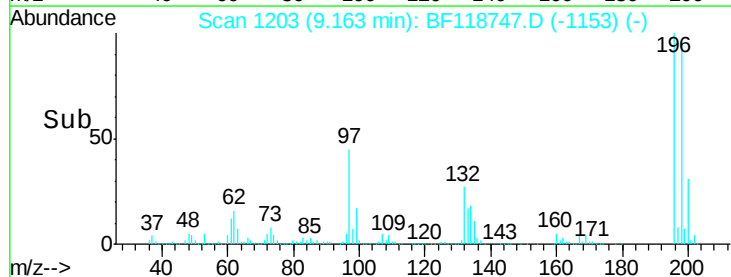
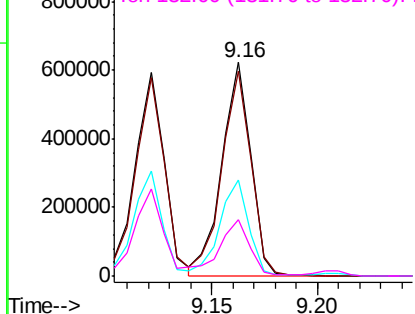


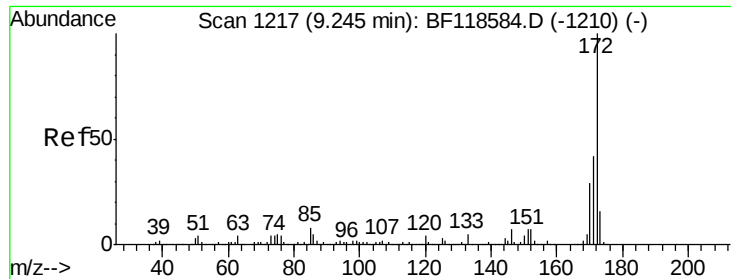
#44
 2,4,5-Trichlorophenol
 Concen: 49.824 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Tgt Ion:196 Resp: 589361
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 97 44.9 35.7 53.5
 132 26.5 21.4 32.0



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



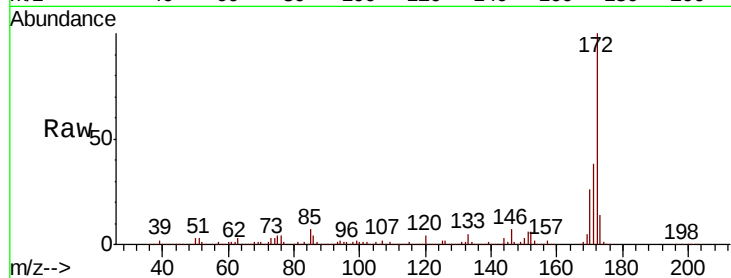


#45
 2-Fluorobiphenyl
 Concen: 91.909 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

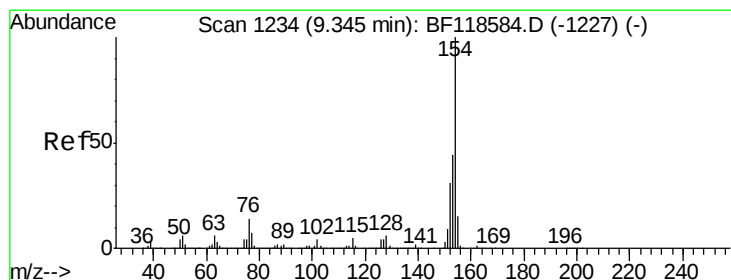
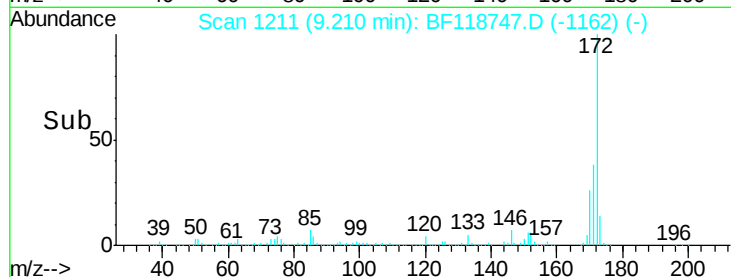
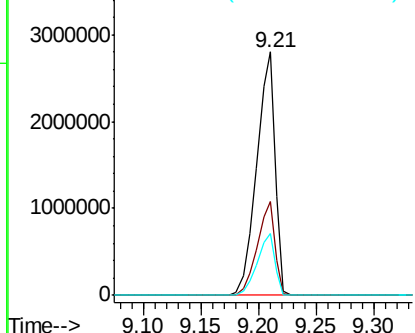
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3119332

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.6	20.7	31.1



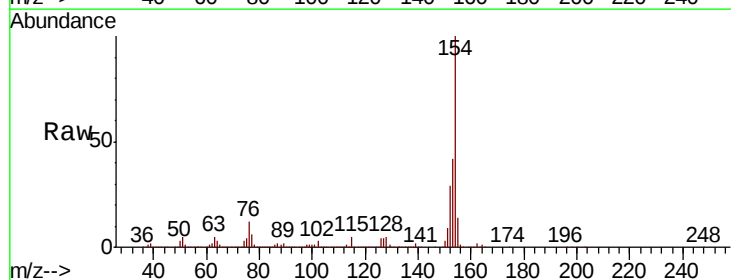
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



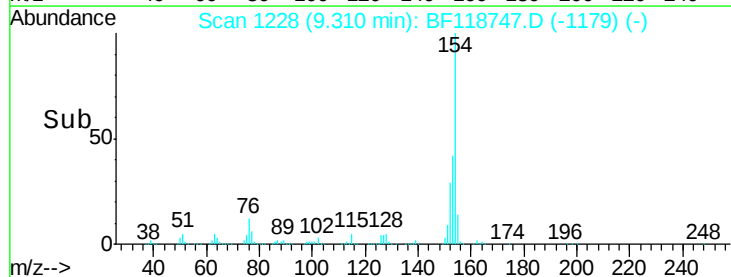
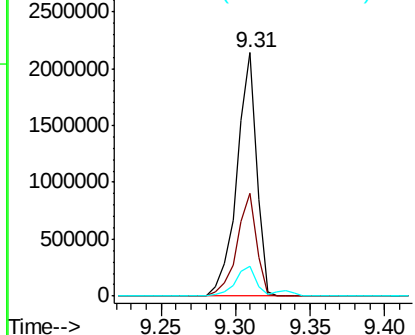
#46
 1,1'-Biphenyl
 Concen: 51.666 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

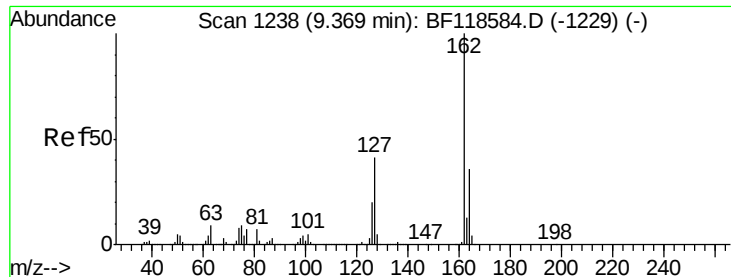
Tgt Ion:154 Resp: 1986337

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.3	62.3
76	12.4	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

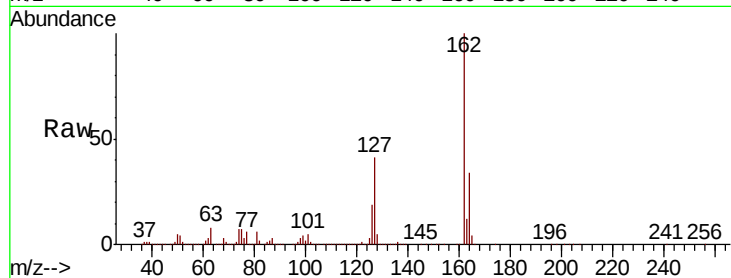




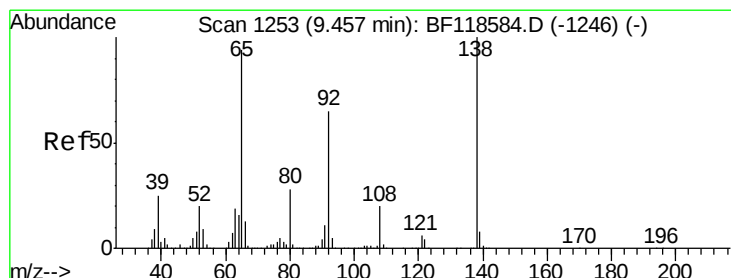
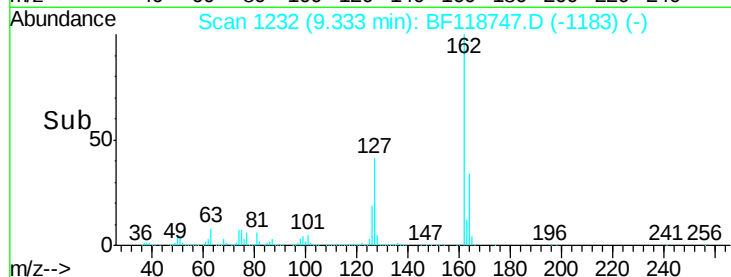
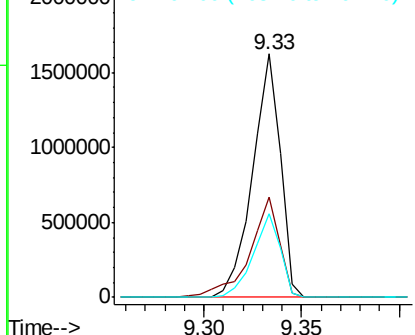
#47
2-Chloronaphthalene
Concen: 49.305 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1597720
Ion Ratio Lower Upper
162 100
127 41.0 32.9 49.3
164 34.1 27.5 41.3

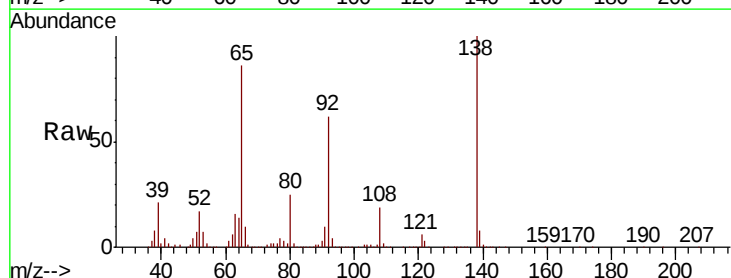


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

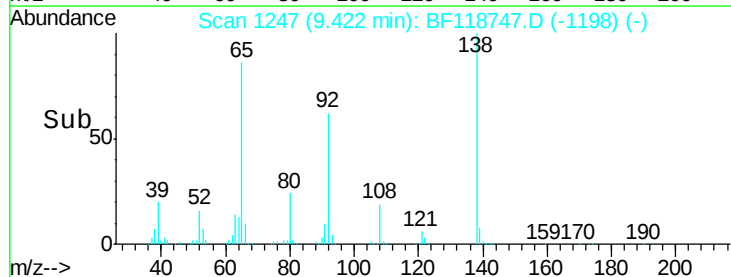
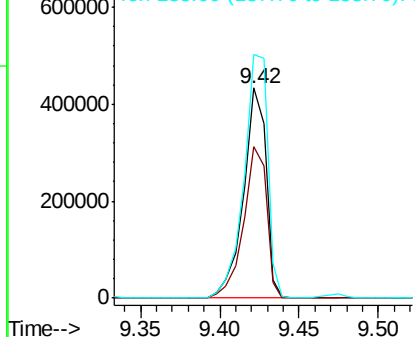


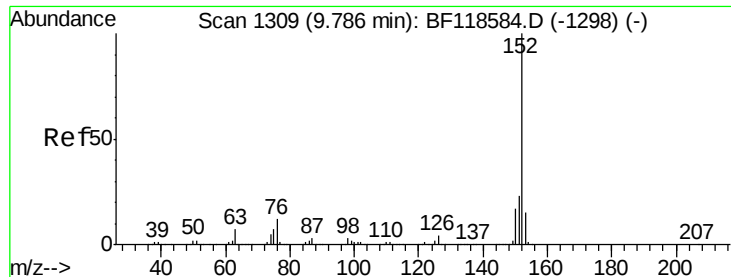
#48
2-Nitroaniline
Concen: 42.807 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion: 65 Resp: 426407
Ion Ratio Lower Upper
65 100
92 72.0 57.8 86.6
138 115.9 95.1 142.7



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





#49

Acenaphthylene

Concen: 52.854 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

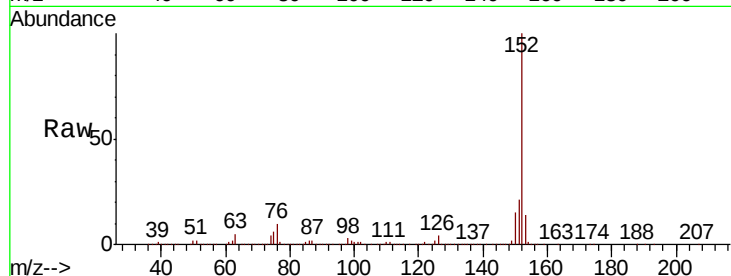
Tot Ion:152 Resp: 2409472

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

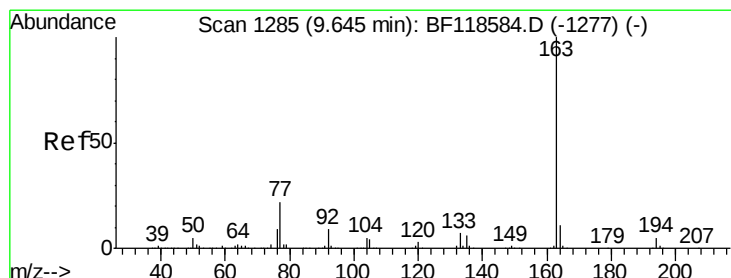
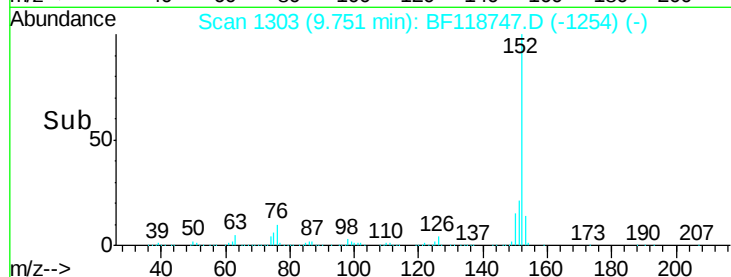
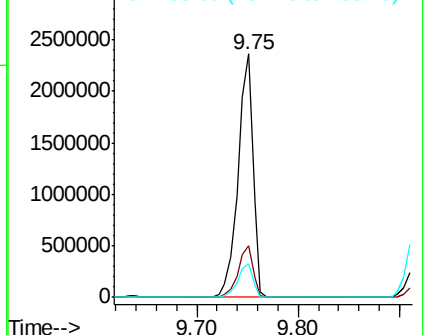
153 14.0 11.0 16.4



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: 54.156 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

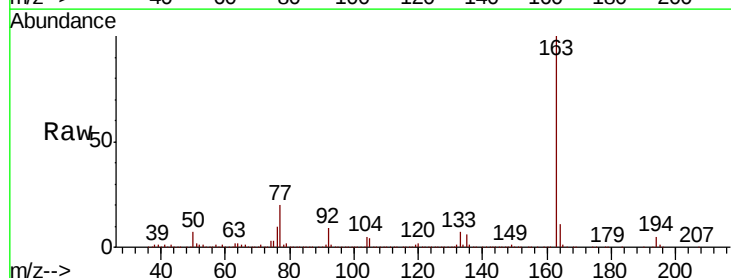
Tgt Ion:163 Resp: 1968213

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

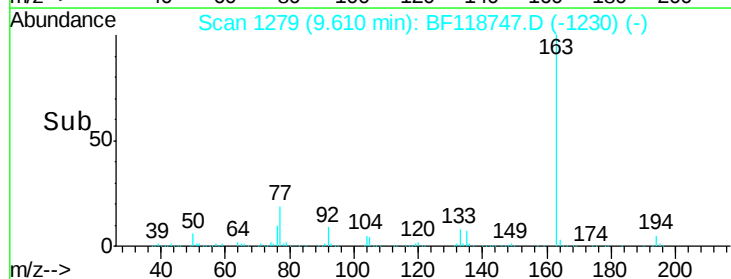
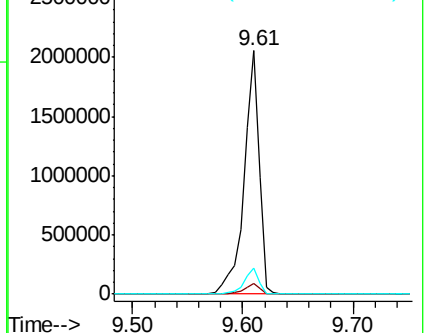
164 10.8 8.2 12.2

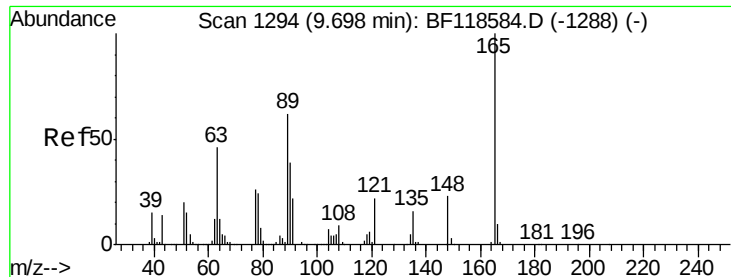


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.484 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

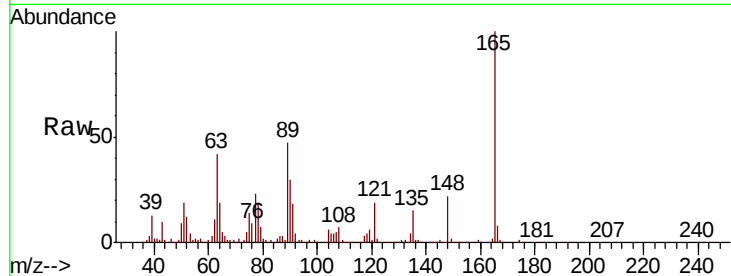
Tot Ion:165 Resp: 435269

Ion Ratio Lower Upper

165 100

63 42.0 39.8 59.6

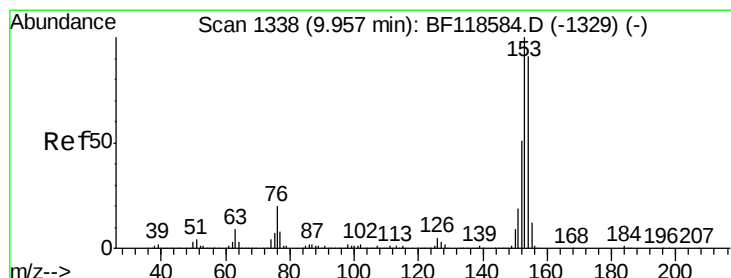
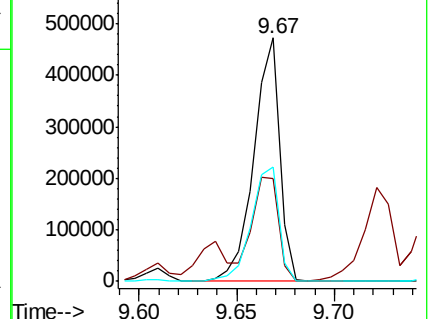
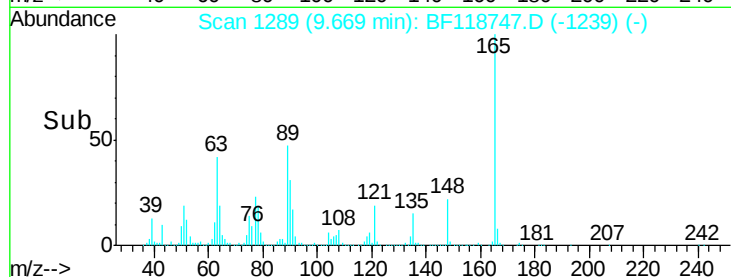
89 47.0 41.4 62.2



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: 51.705 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

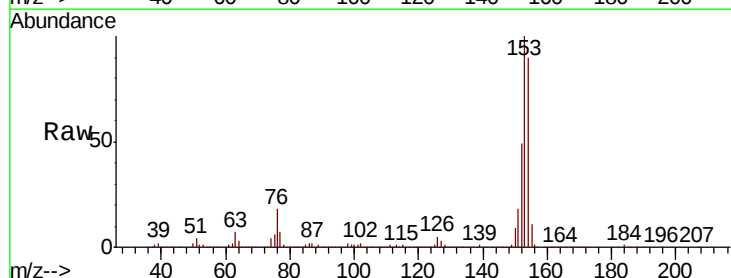
Tgt Ion:154 Resp: 1576123

Ion Ratio Lower Upper

154 100

153 111.1 89.1 133.7

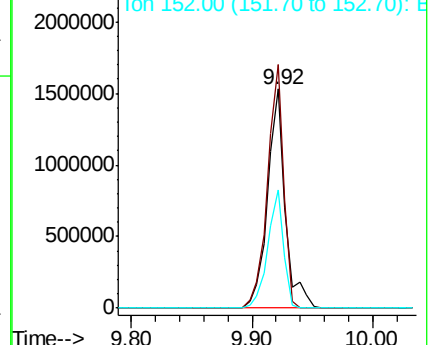
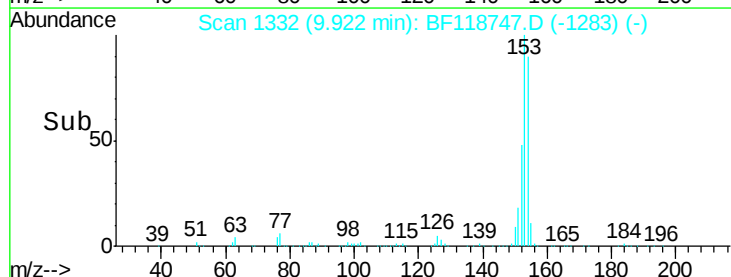
152 54.1 43.0 64.6

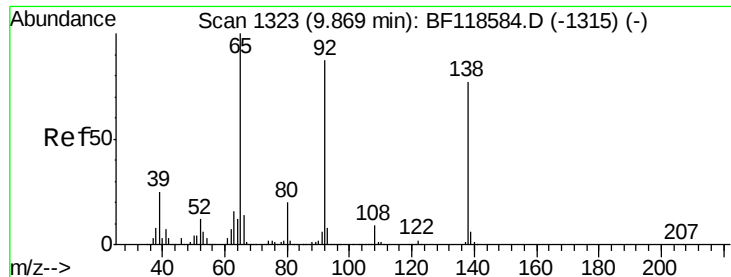


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

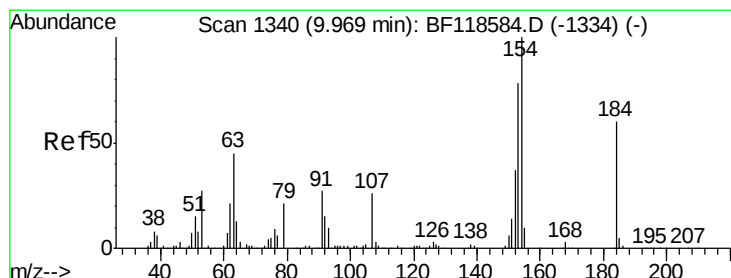
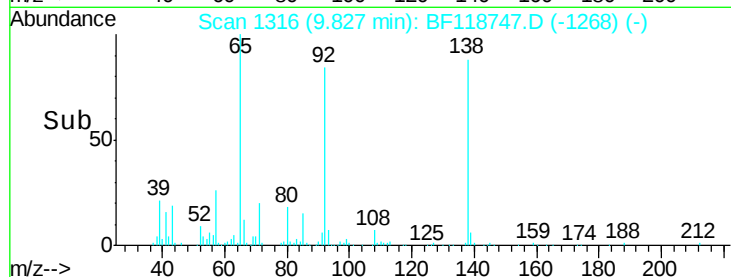
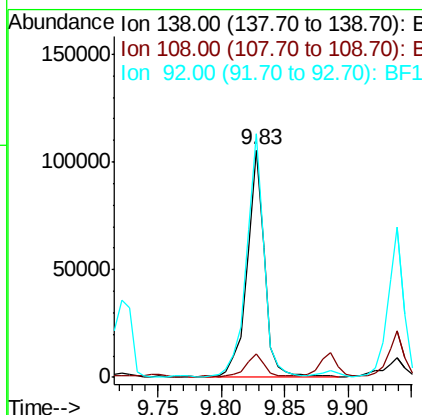
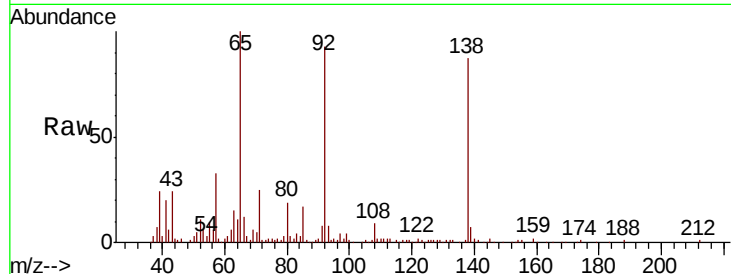




#53
3-Nitroaniline
Concen: 10.793 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

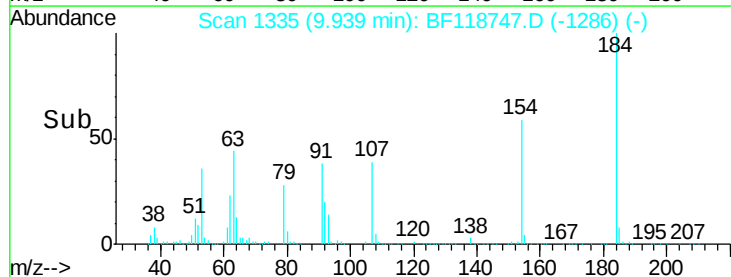
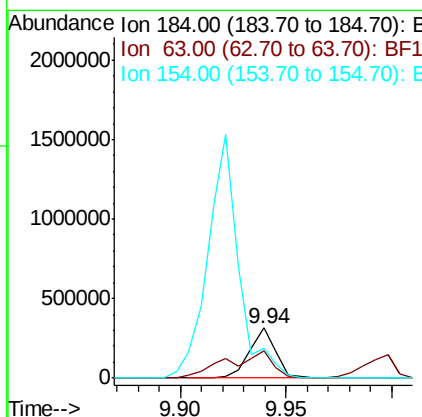
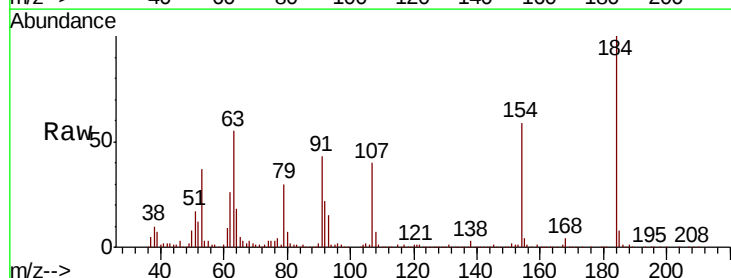
Instrument :
BNA_F
ClientSampleId :

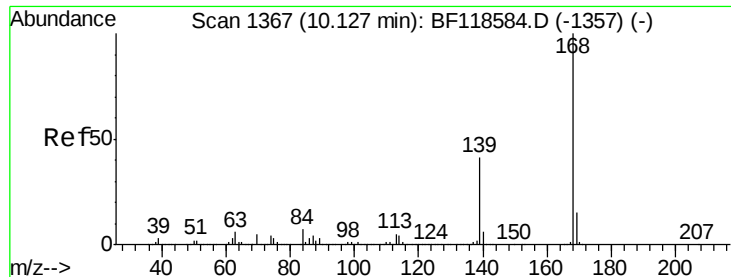
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.8	13.2
92	107.2	87.8	131.6



#54
2,4-Dinitrophenol
Concen: 85.094 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.8	36.0	54.0#
154	58.6	44.6	66.8

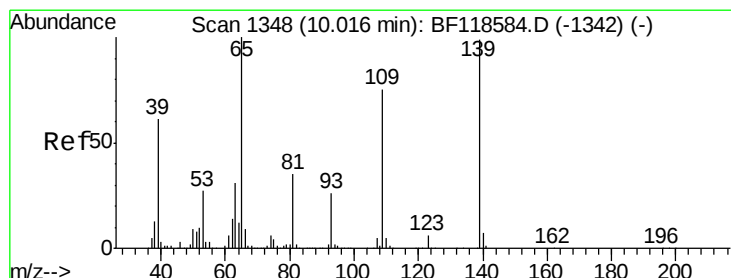
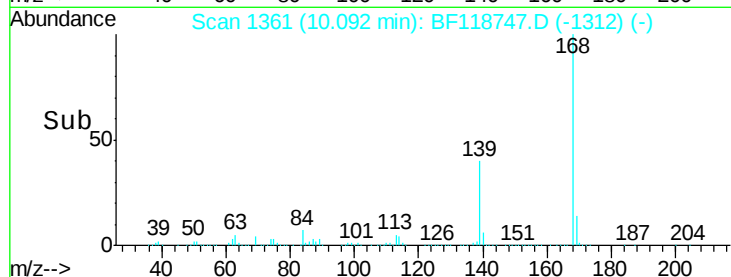
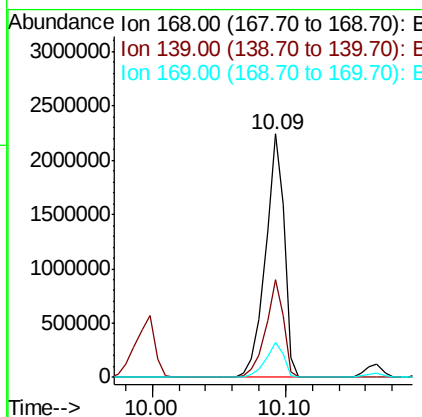
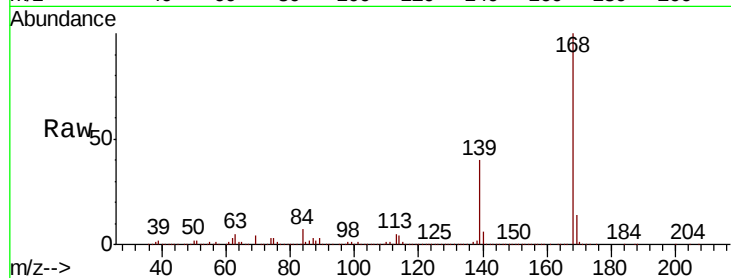




#55
Dibenzofuran
Concen: 51.162 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

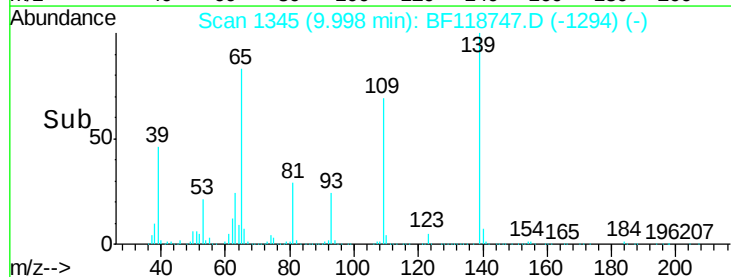
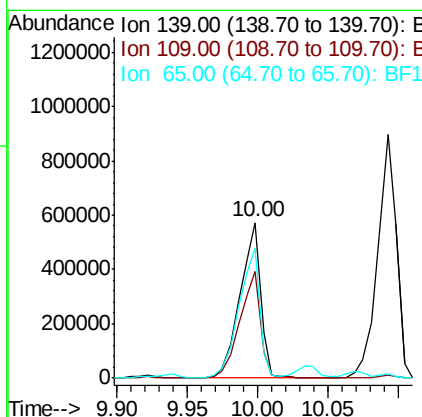
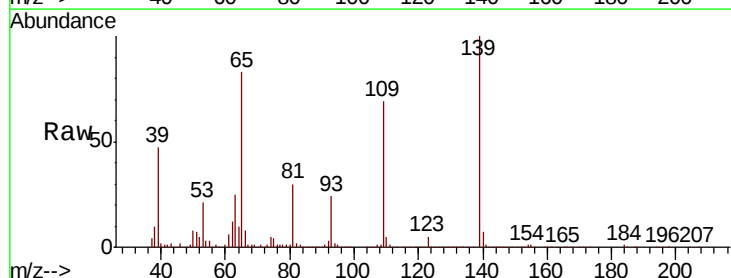
Instrument :
BNA_F
ClientSampleID :

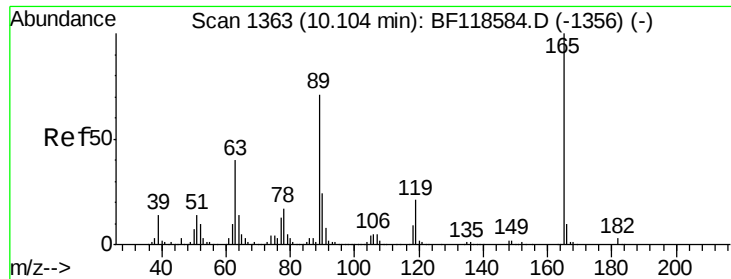
Tot Ion:168 Resp: 2161289
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 14.4 11.4 17.0



#56
4-Nitrophenol
Concen: 83.555 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion:139 Resp: 586159
Ion Ratio Lower Upper
139 100
109 68.8 47.0 87.0
65 83.1 65.7 105.7

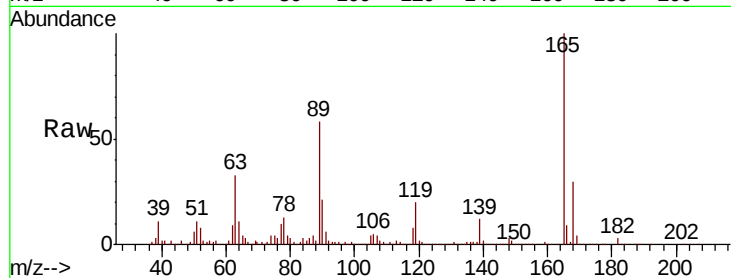




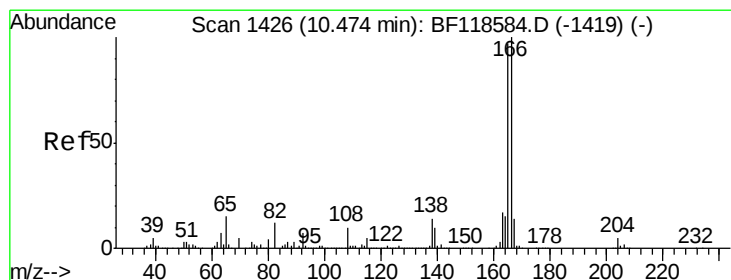
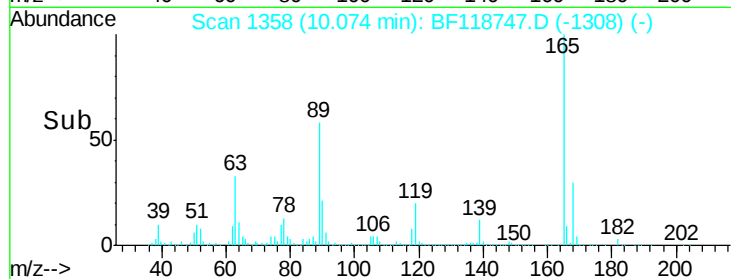
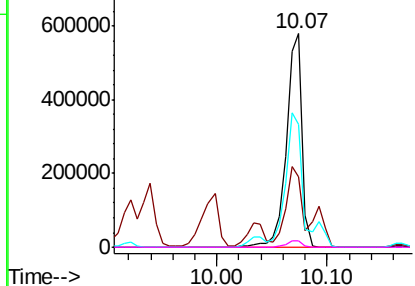
#57
2,4-Dinitrotoluene
Concen: 54.783 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 562046
Ion Ratio Lower Upper
165 100
63 33.0 28.5 42.7
89 57.5 50.4 75.6
182 3.2 2.3 3.5

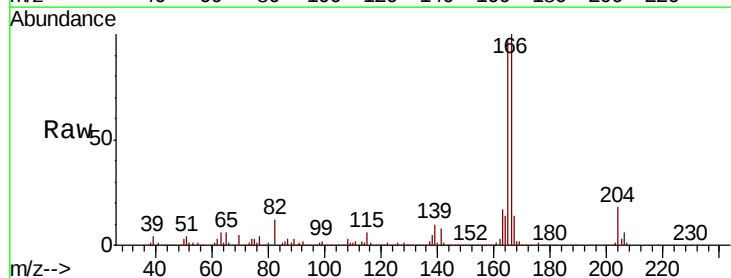


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

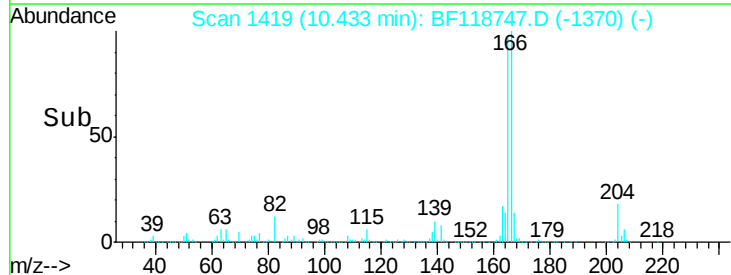
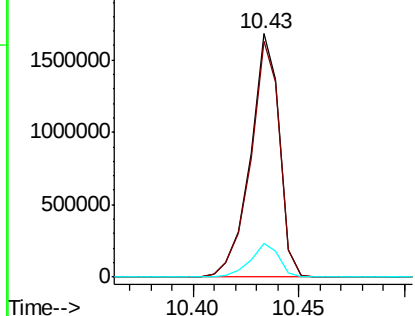


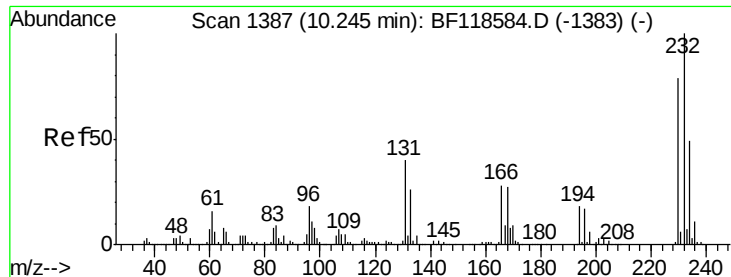
#58
Fluorene
Concen: 48.297 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion:166 Resp: 1601684
Ion Ratio Lower Upper
166 100
165 96.9 78.6 118.0
167 13.9 11.4 17.2



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

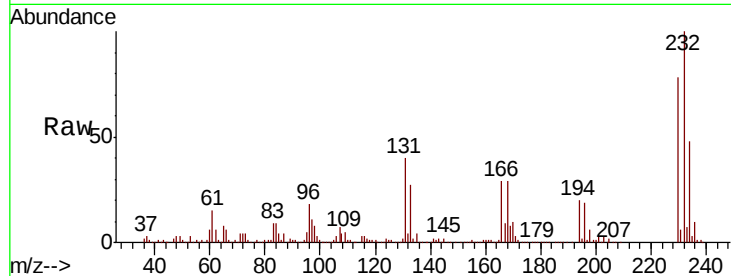




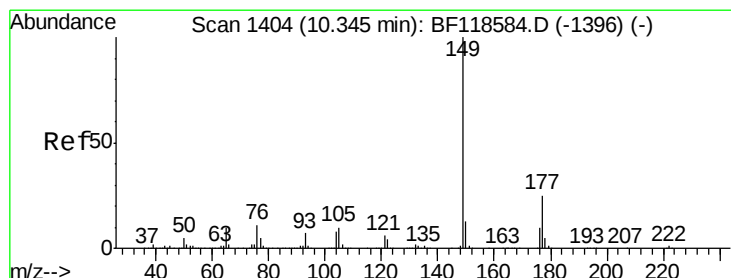
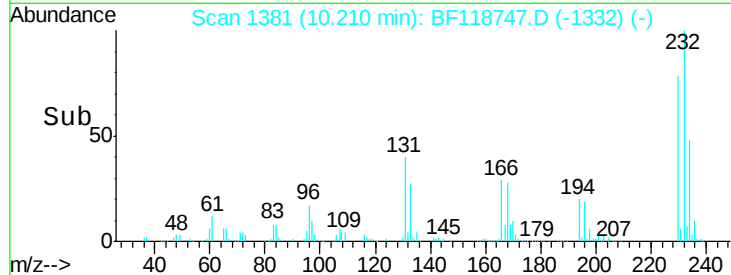
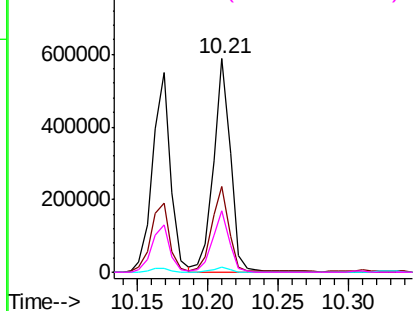
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.211 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	491193
Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	2.1	1.5	2.3
166	28.3	22.8	34.2

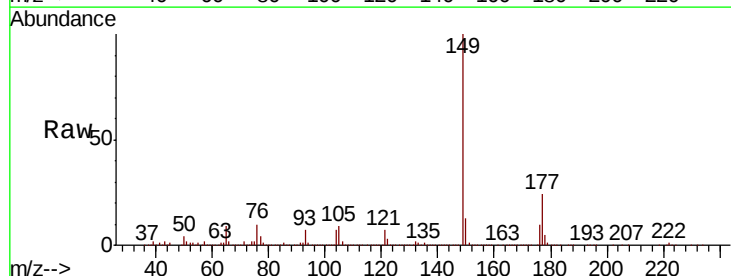


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

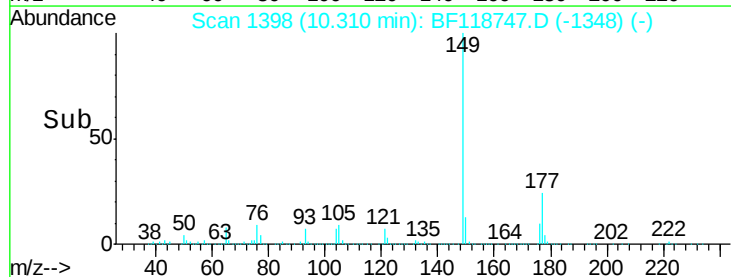
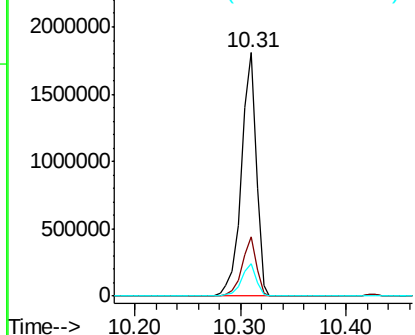


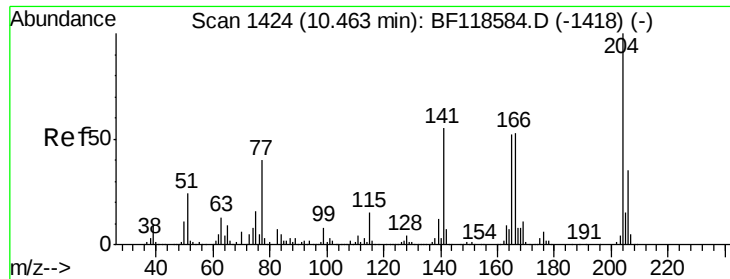
#60
 Diethylphthalate
 Concen: 49.209 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Tgt Ion:	149	Resp:	1733996
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.1	28.7
150	13.3	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

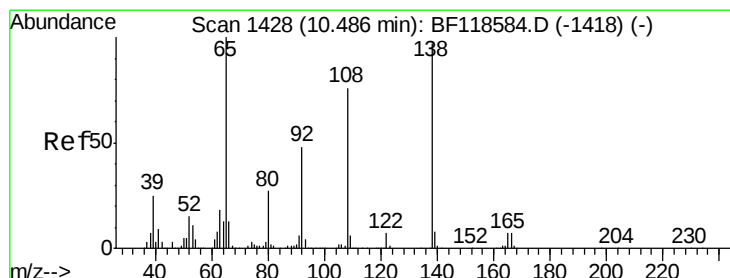
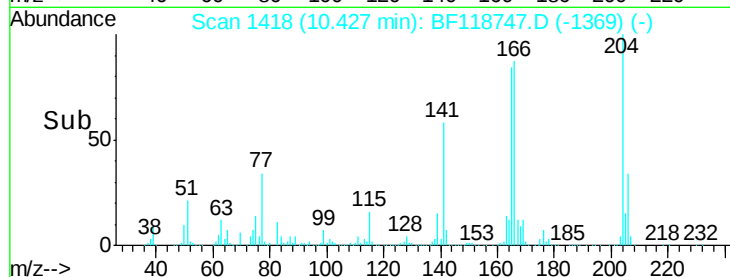
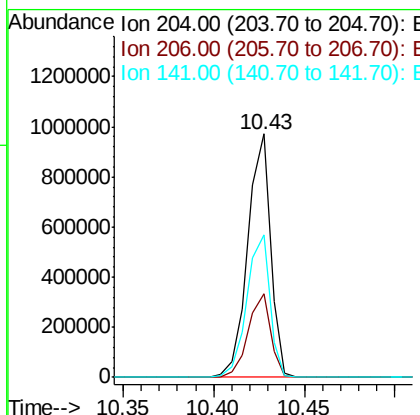
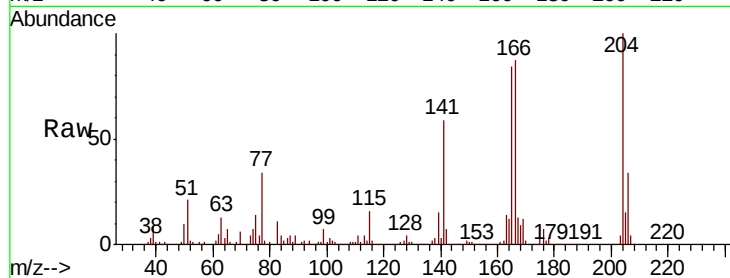




#61
 4-Chlorophenyl-phenylether
 Concen: 47.136 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

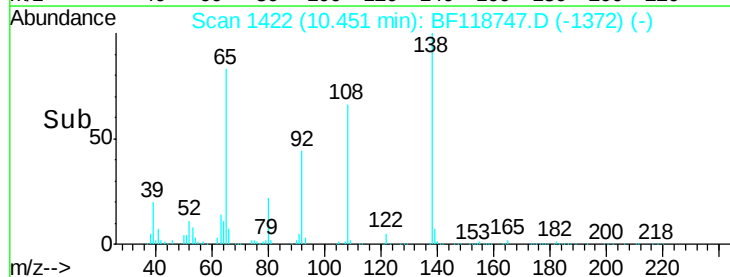
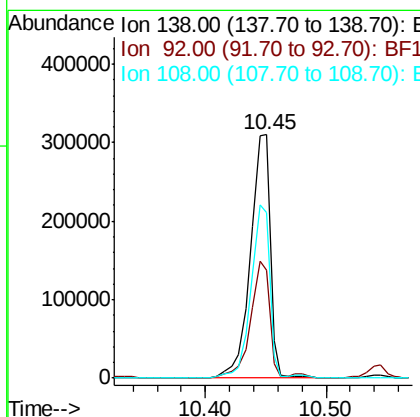
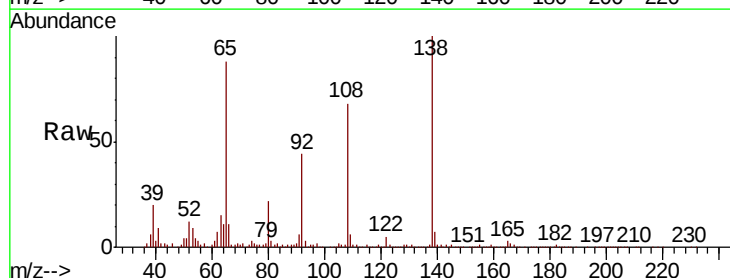
Instrument :
 BNA_F
 ClientSampleId :

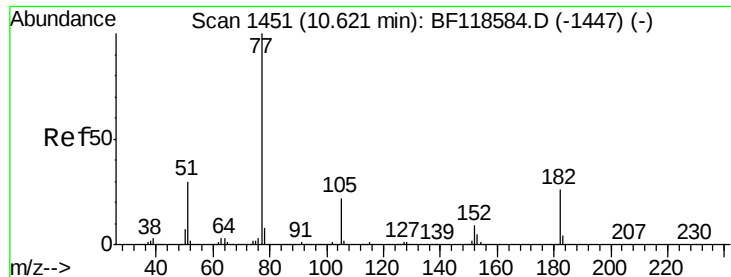
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.0	40.6
141	58.5	43.9	65.9



#62
 4-Nitroaniline
 Concen: 37.668 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.2	29.2	69.2
108	67.9	50.8	90.8

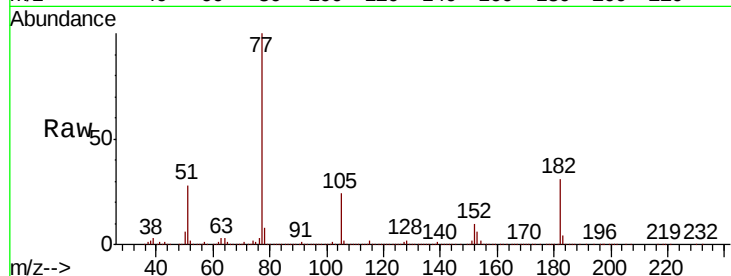




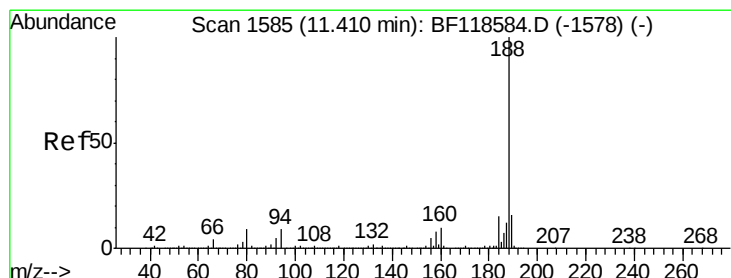
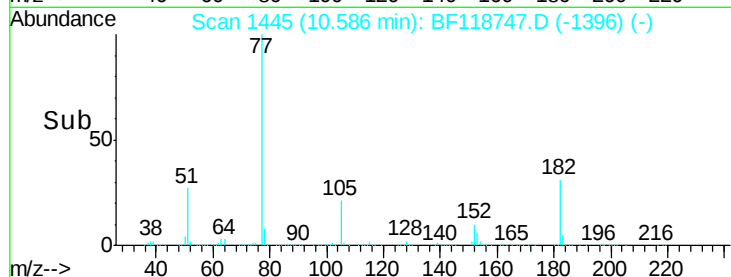
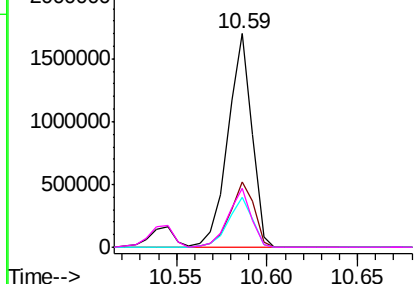
#63
Azobenzene
Concen: 45.691 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	1559277
Ion	Ratio	Lower	Upper
77	100		
182	30.8	12.3	52.3
105	23.6	4.0	44.0
51	27.8	7.2	47.2

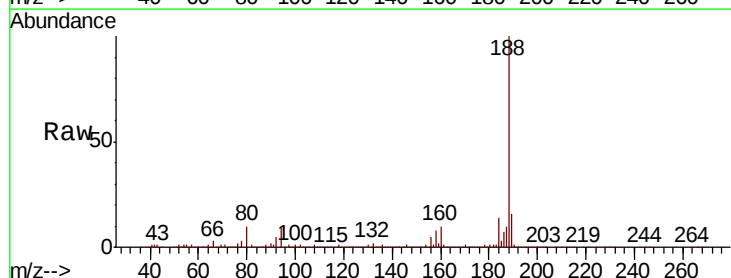


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

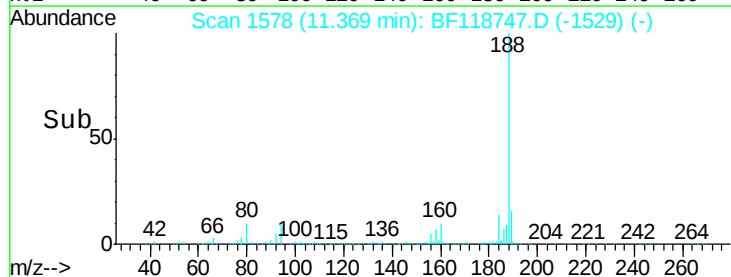
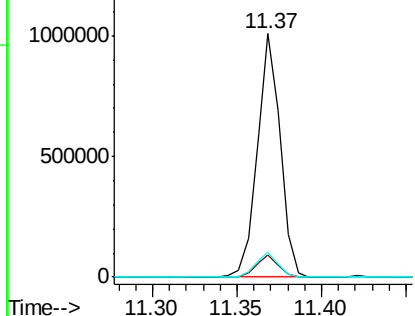


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion:	188	Resp:	949884
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	10.0	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

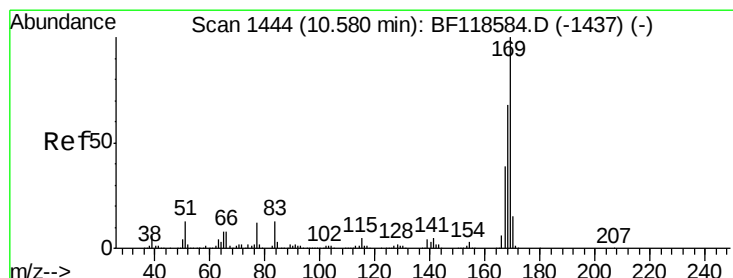
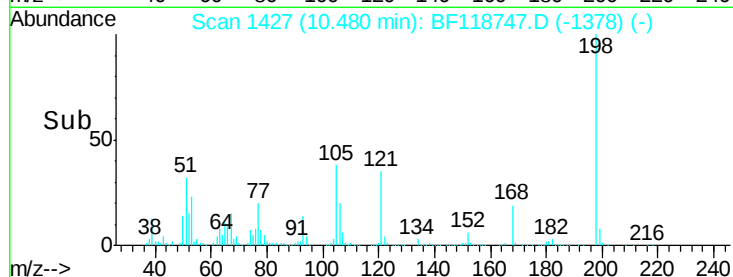
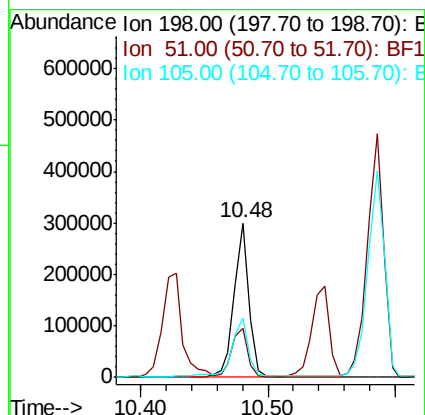
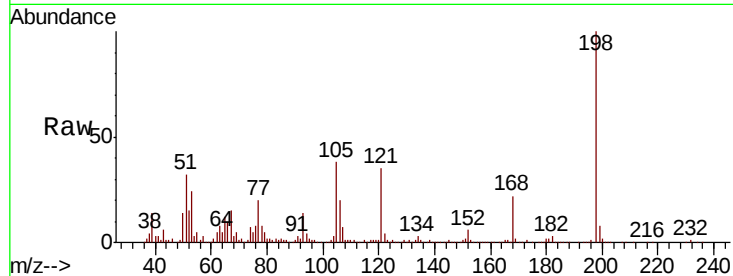




#65
4,6-Dinitro-2-methylphenol
Concen: 57.787 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

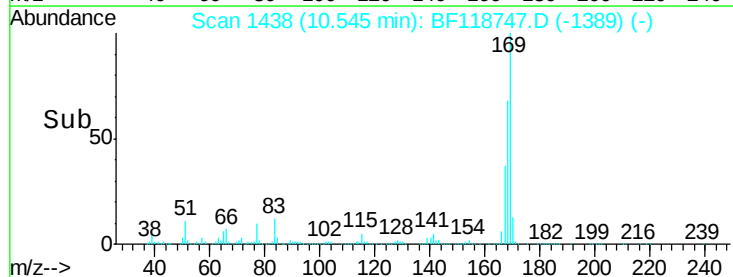
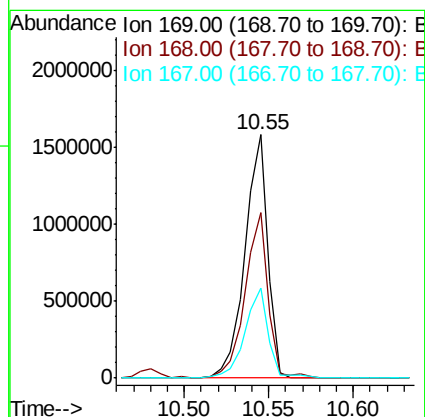
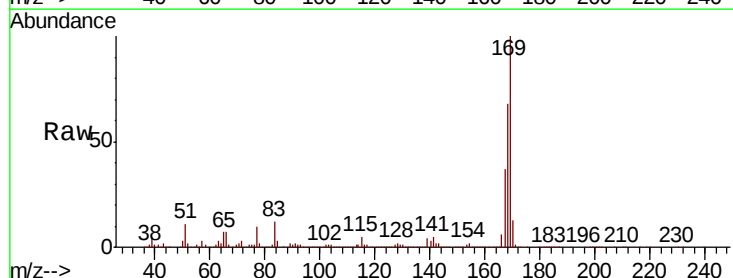
Instrument :
BNA_F
ClientSampleId :

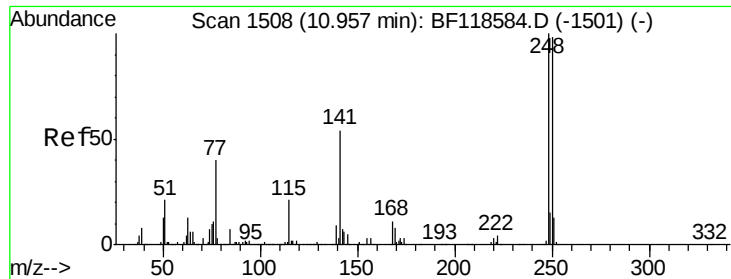
Tot Ion:198 Resp: 241371
Ion Ratio Lower Upper
198 100
51 32.0 9.6 49.6
105 38.5 15.5 55.5



#66
n-Nitrosodiphenylamine
Concen: 52.128 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion:169 Resp: 1493274
Ion Ratio Lower Upper
169 100
168 67.8 53.4 80.0
167 36.7 29.2 43.8

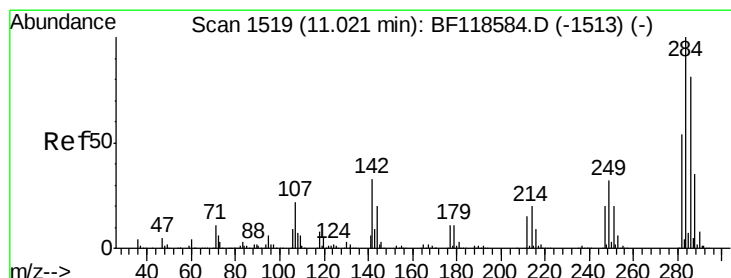
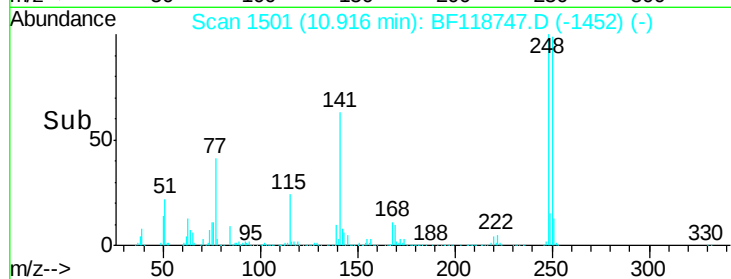
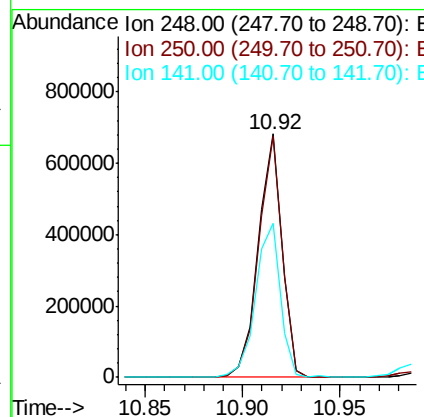
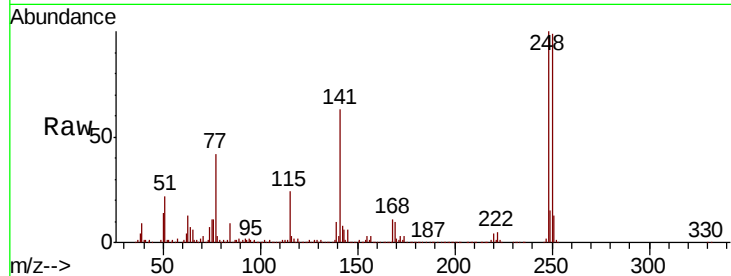




#67
4-Bromophenyl-phenylether
Concen: 49.167 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

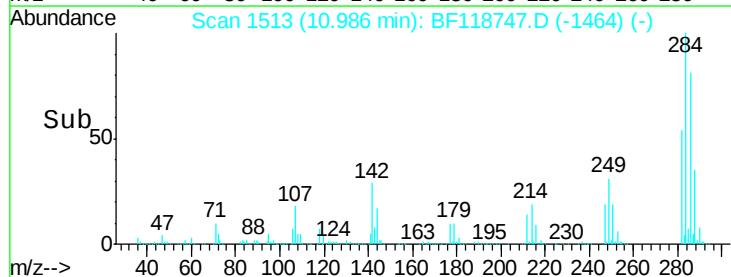
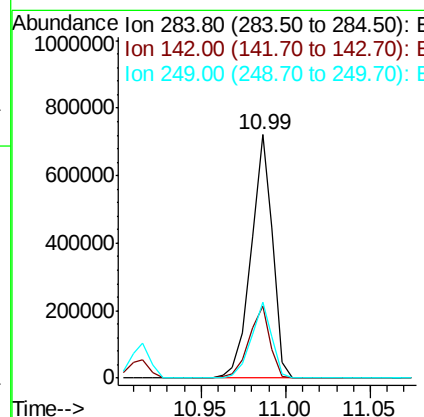
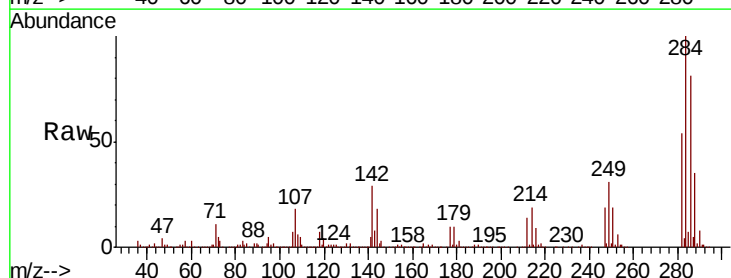
Instrument :
BNA_F
ClientSampleId :

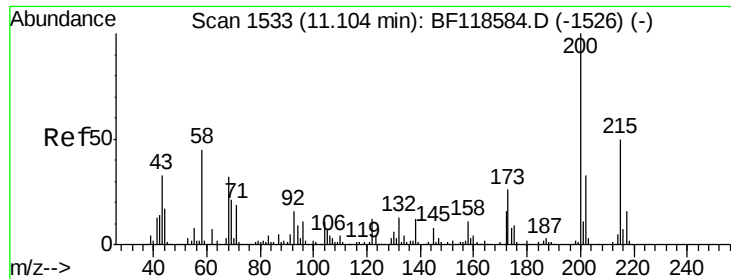
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.7	118.1
141	63.3	48.4	72.6



#68
Hexachlorobenzene
Concen: 48.010 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	23.1	34.7
249	31.1	24.0	36.0





#69

Atrazine

Concen: 53.416 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

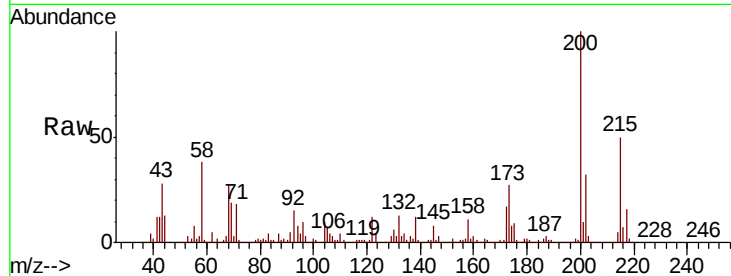
Tot Ion:200 Resp: 530362

Ion Ratio Lower Upper

200 100

173 26.8 6.8 46.8

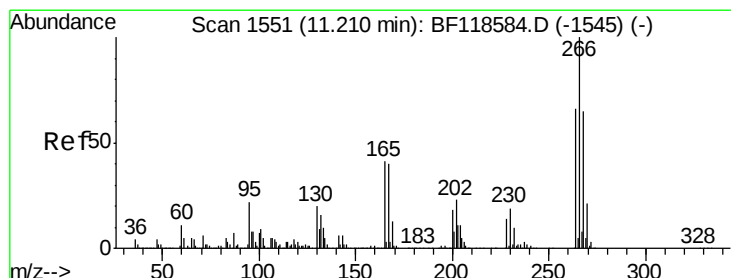
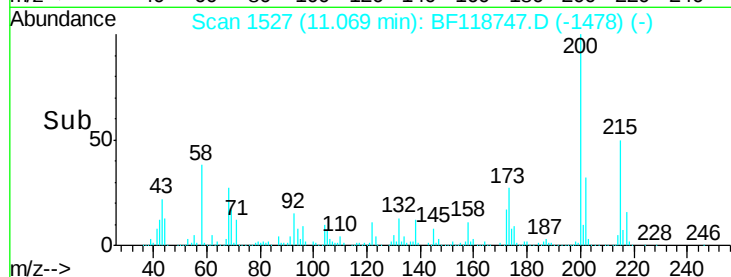
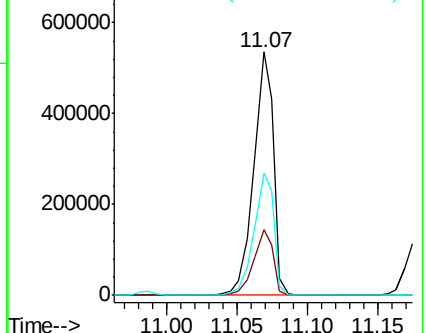
215 50.0 30.4 70.4



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: 87.780 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

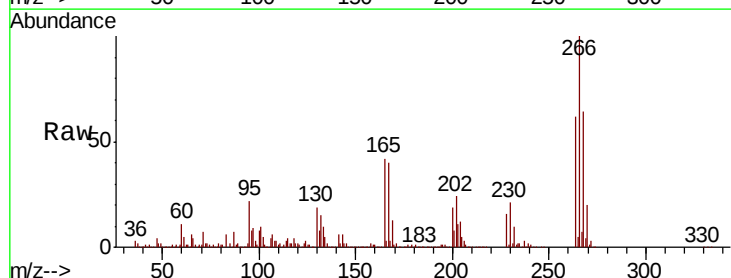
Tgt Ion:266 Resp: 649341

Ion Ratio Lower Upper

266 100

268 63.7 51.6 77.4

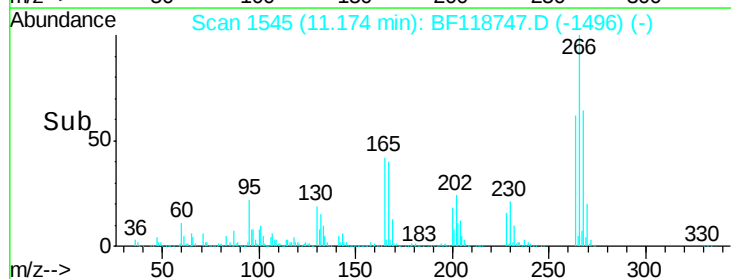
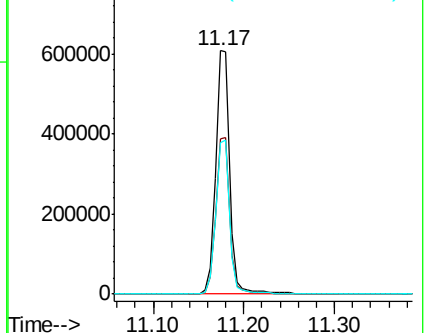
264 62.4 50.9 76.3

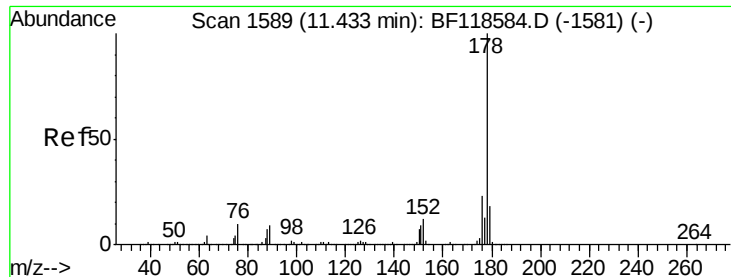


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

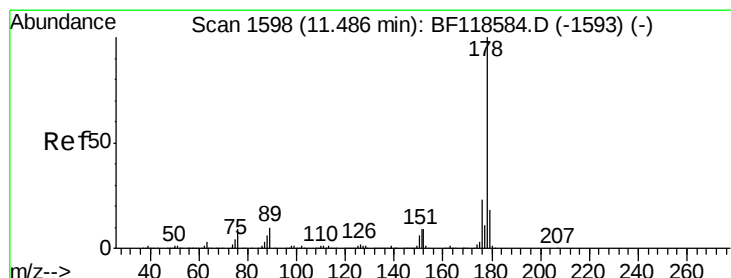
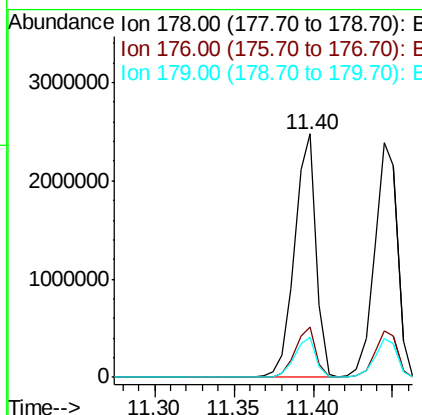
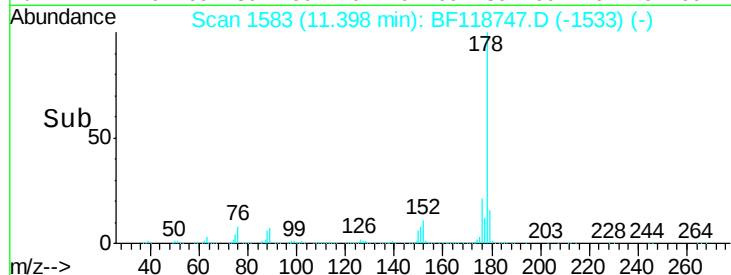
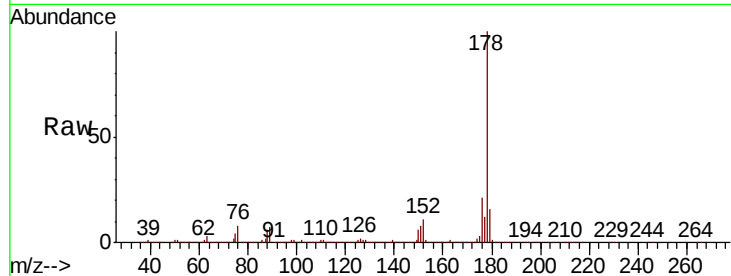




#71
Phenanthrene
Concen: 50.518 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

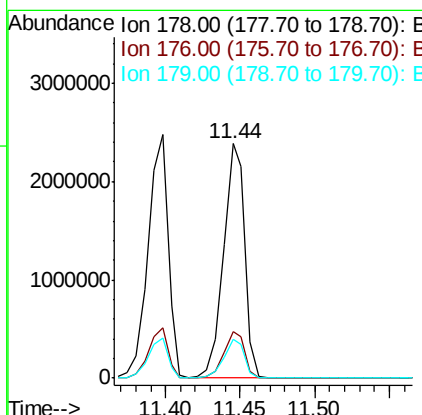
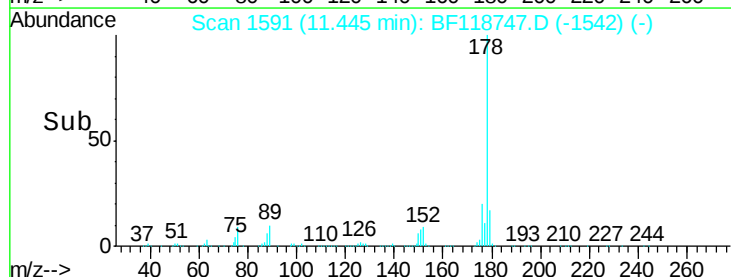
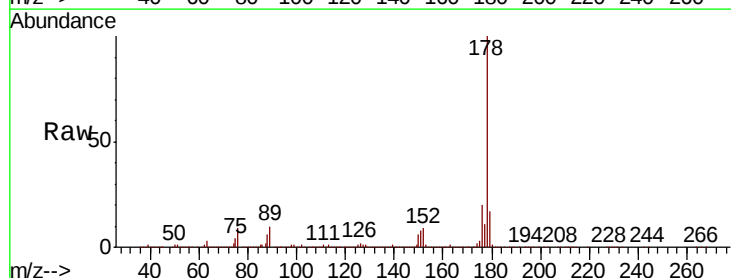
Instrument :
BNA_F
ClientSampleId :

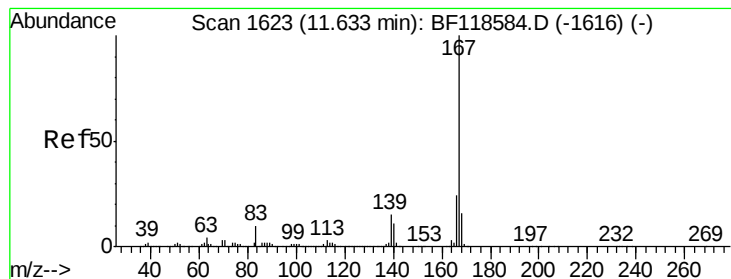
Tot Ion:178 Resp: 2315080
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 16.5 13.3 19.9



#72
Anthracene
Concen: 52.927 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion:178 Resp: 2399968
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 16.8 13.3 19.9





#73

Carbazole

Concen: 48.774 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

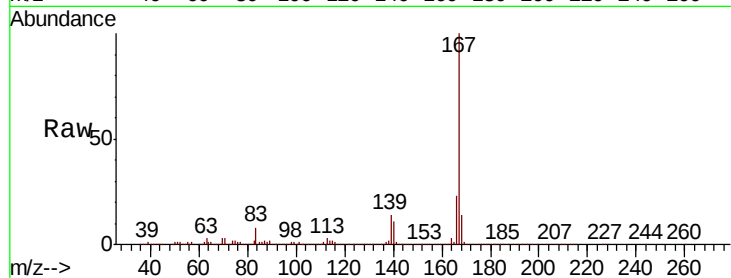
Tot Ion:167 Resp: 2028603

Ion Ratio Lower Upper

167 100

166 22.8 18.3 27.5

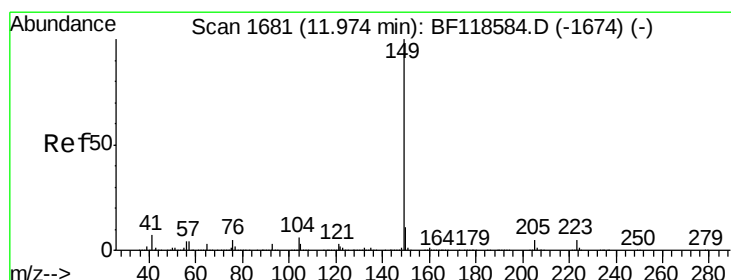
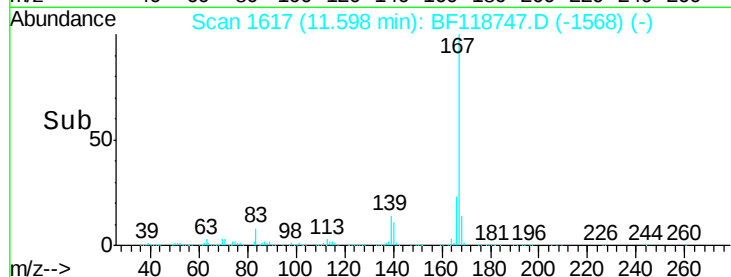
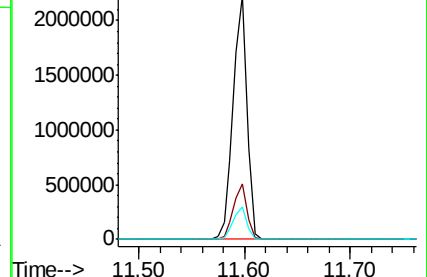
139 13.6 11.0 16.4



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: 53.189 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

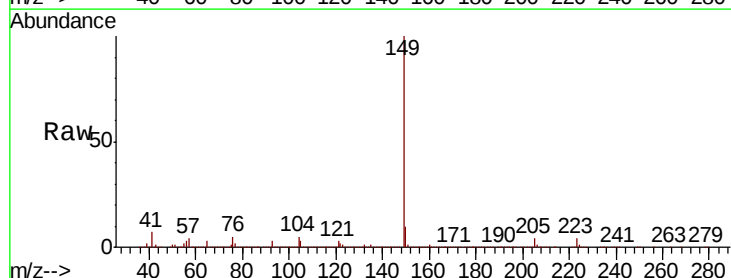
Tgt Ion:149 Resp: 2457851

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.2

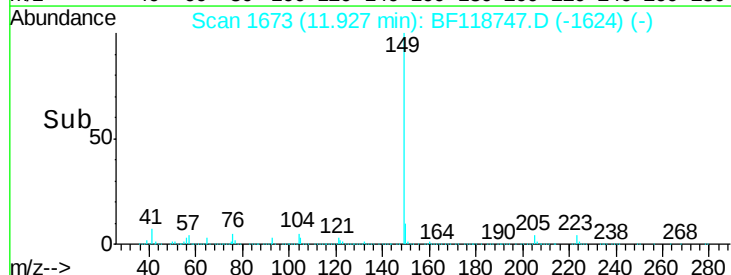
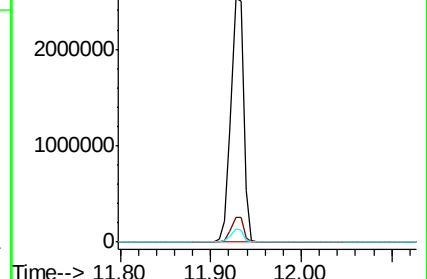
104 5.3 4.2 6.4



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: 48.745 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

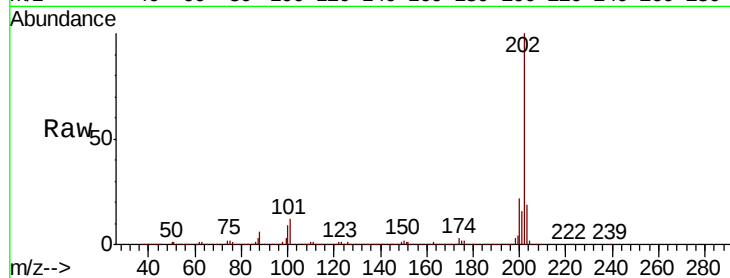
Tot Ion:202 Resp: 2356046

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.1

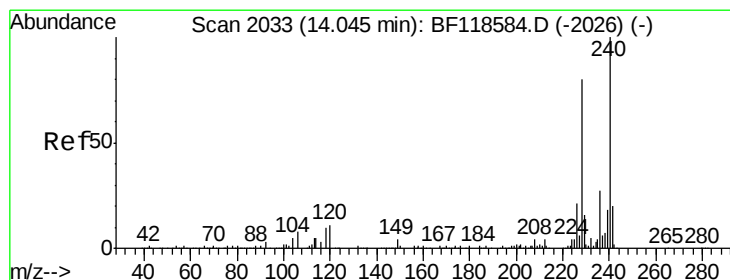
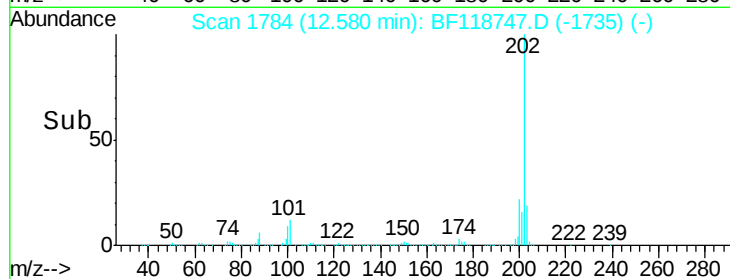
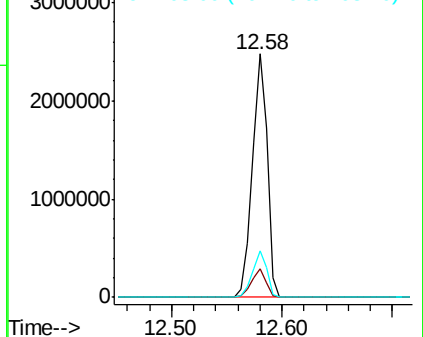
203 19.1 0.0 38.9



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: BF118747.D

Acq: 29 Jan 2020 22:28

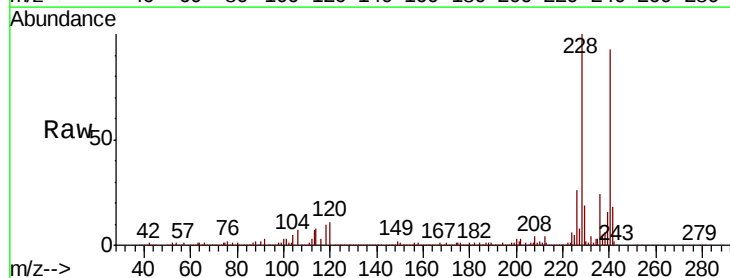
Tgt Ion:240 Resp: 630111

Ion Ratio Lower Upper

240 100

120 11.6 7.6 11.4#

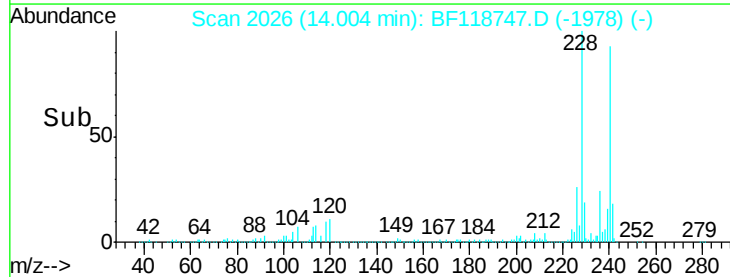
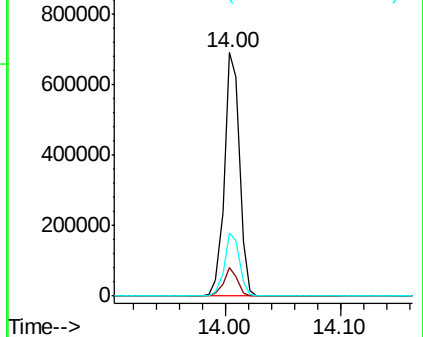
236 25.9 21.0 31.4

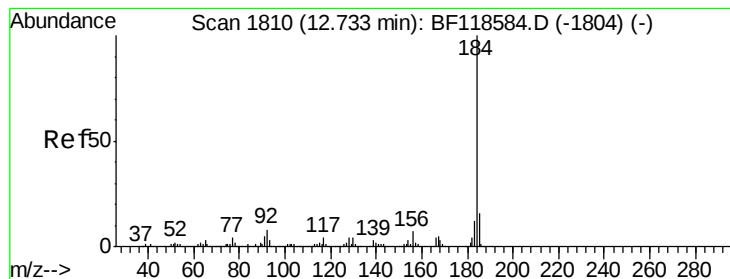


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.456 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

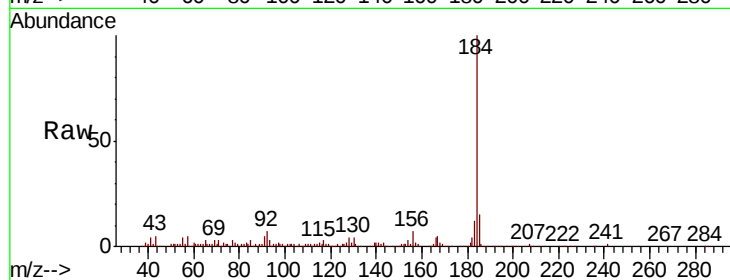
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 209705

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	12.2	9.7	14.5

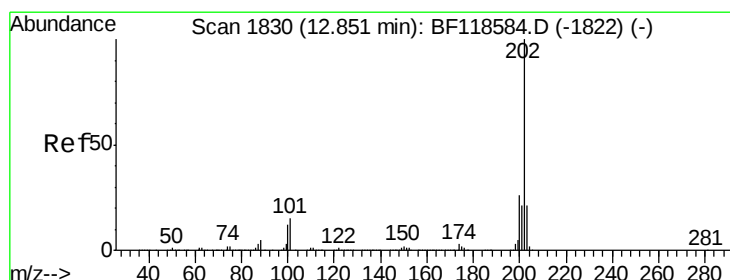
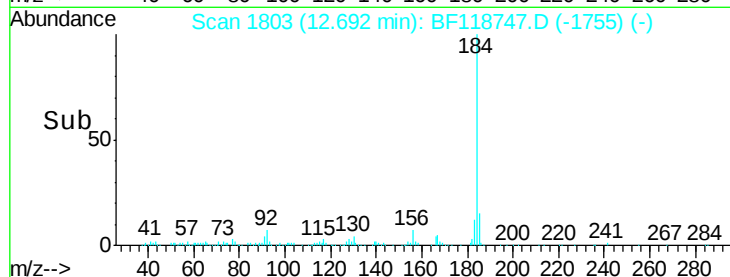
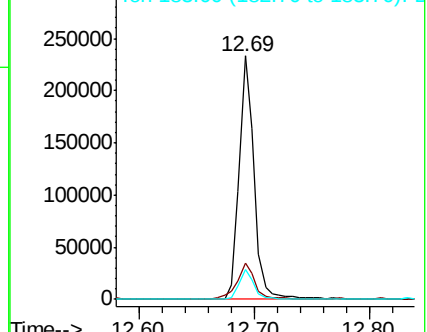


Abundance

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: 54.990 ng

RT: 12.81 min Scan# 1823

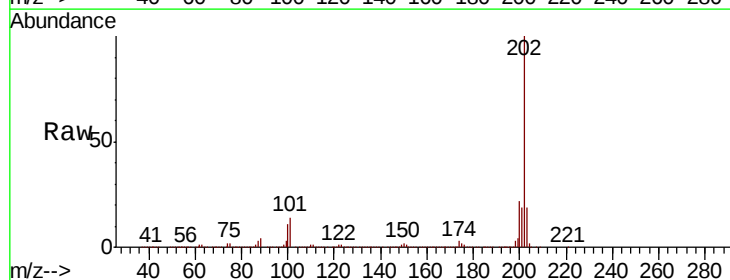
Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Tgt Ion:202 Resp: 2352432

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.1	27.1
203	18.7	15.2	22.8

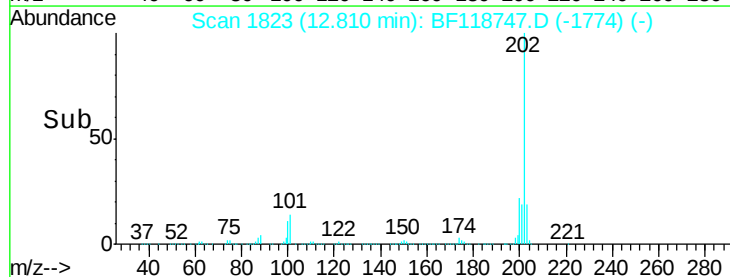
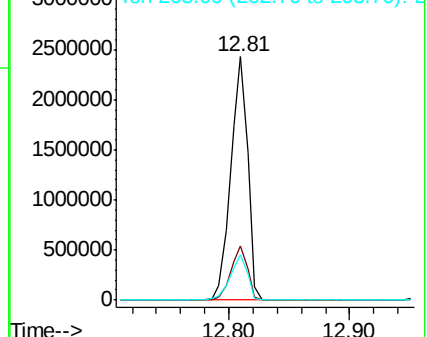


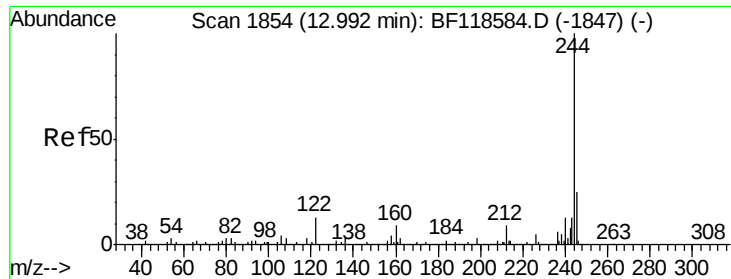
Abundance

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: 115.035 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

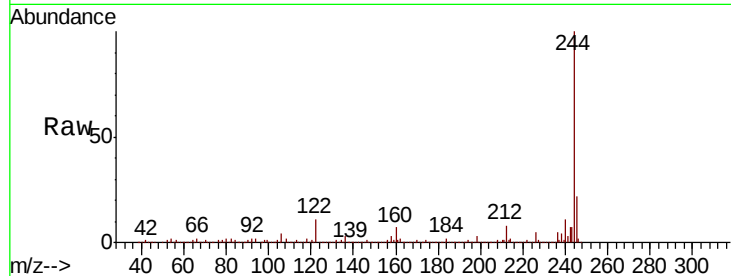
Tot Ion:244 Resp: 3323325

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

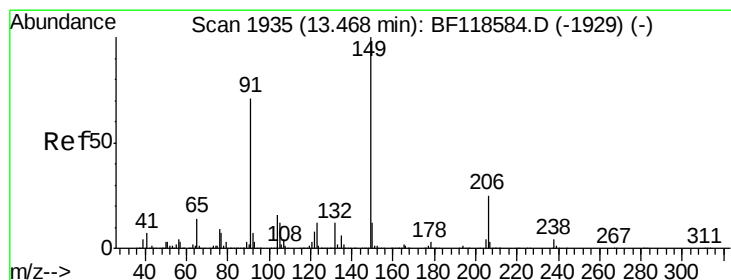
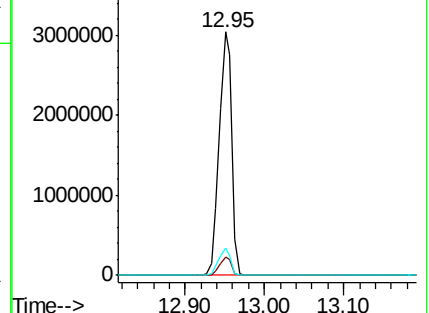
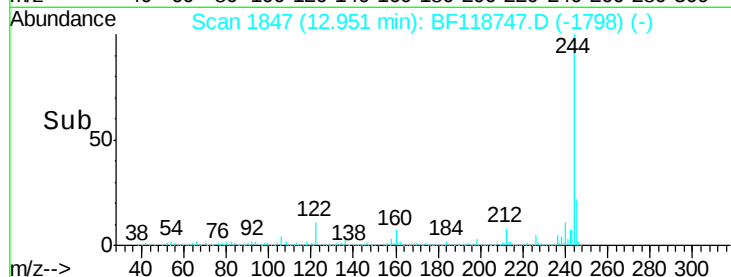
122 11.2 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.068 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

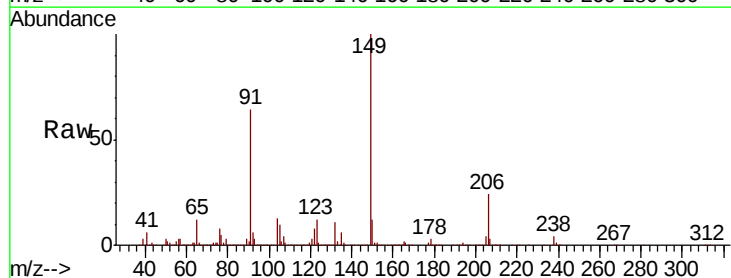
Tgt Ion:149 Resp: 999129

Ion Ratio Lower Upper

149 100

91 64.3 49.6 74.4

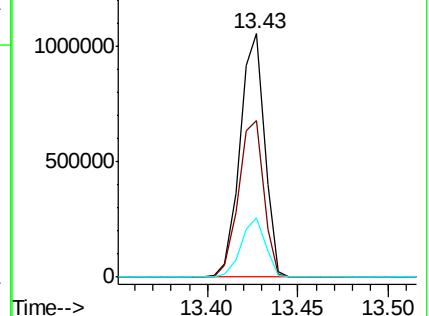
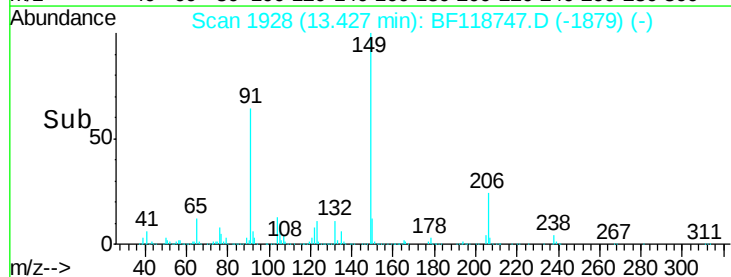
206 24.1 19.9 29.9

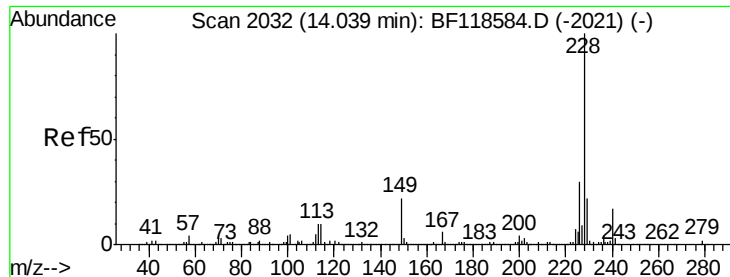


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.835 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

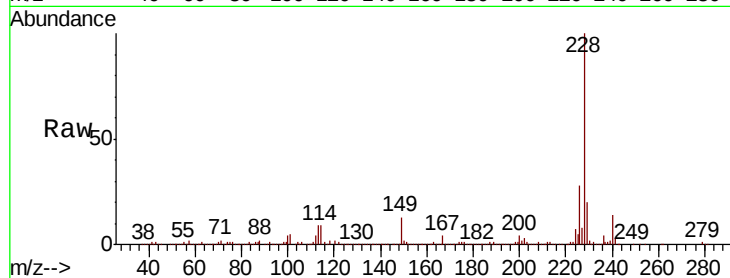
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1926869

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.2	16.6	25.0

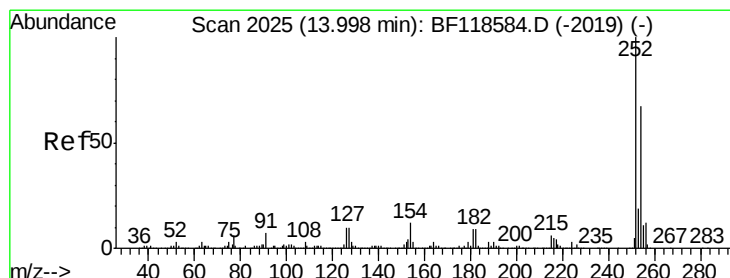
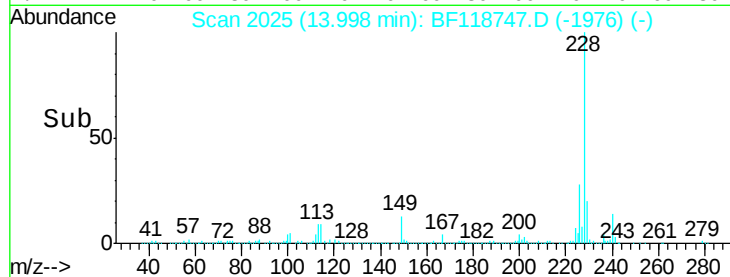
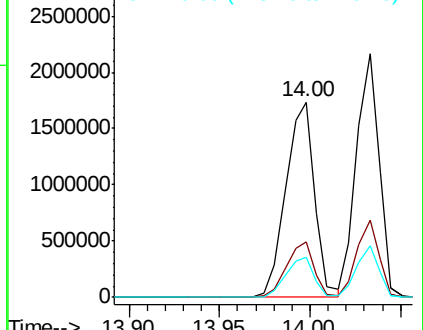


Abundance

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: 17.227 ng

RT: 13.95 min Scan# 2017

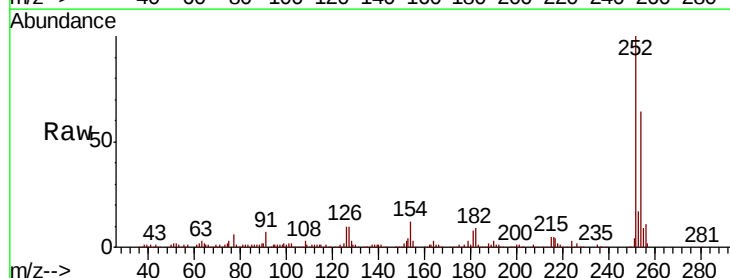
Delta R.T. -0.02 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Tgt Ion:252 Resp: 232684

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	10.5	8.1	12.1

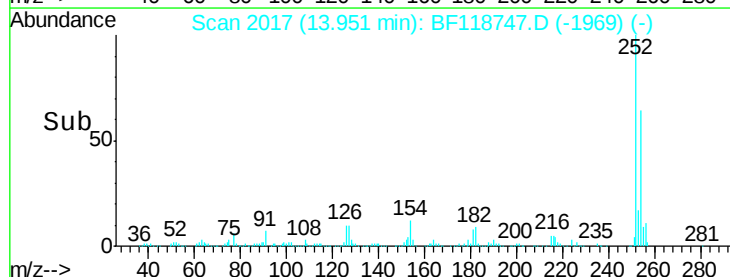
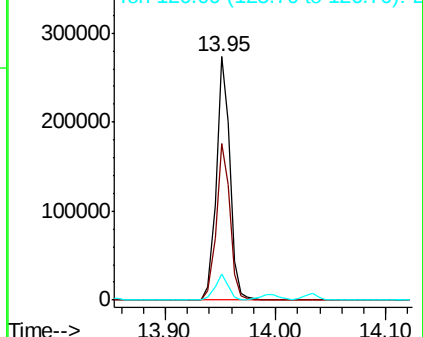


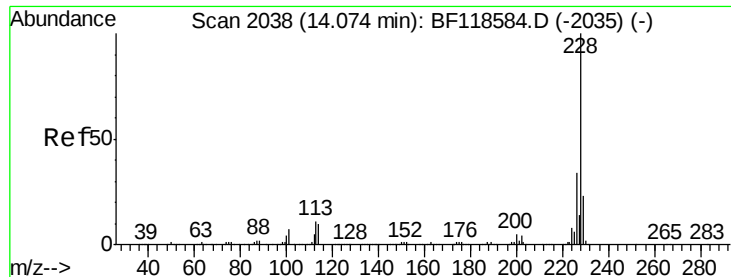
Abundance

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

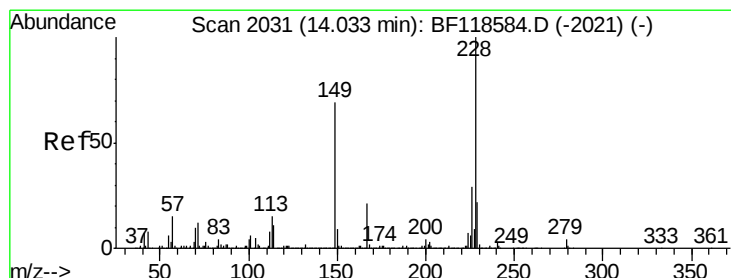
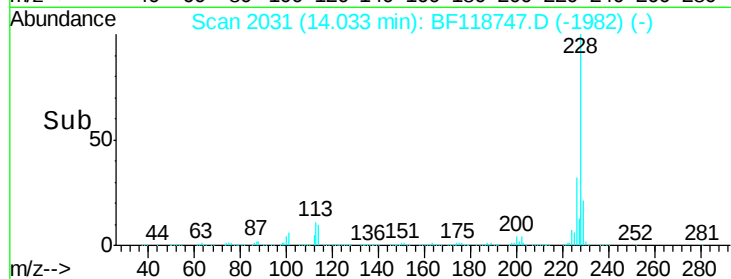
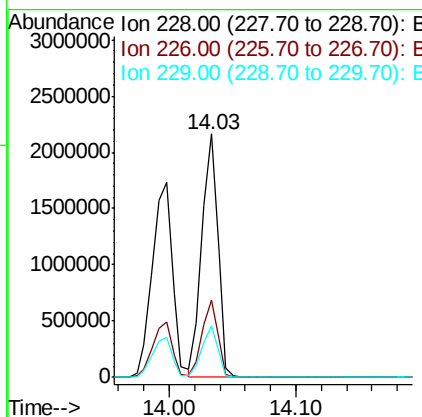
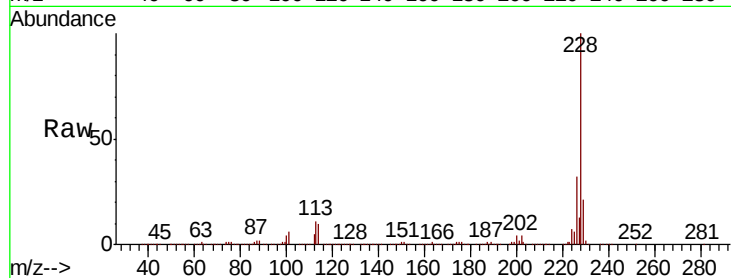




#83
 Chrvsene
 Concen: 52.437 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

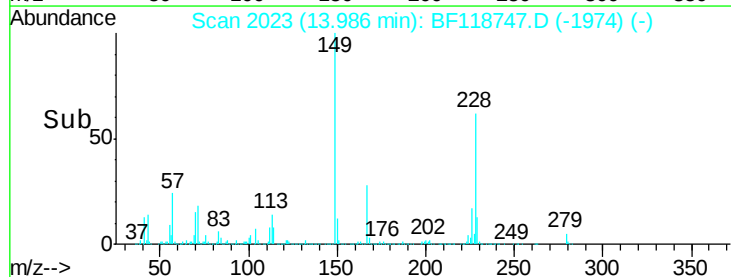
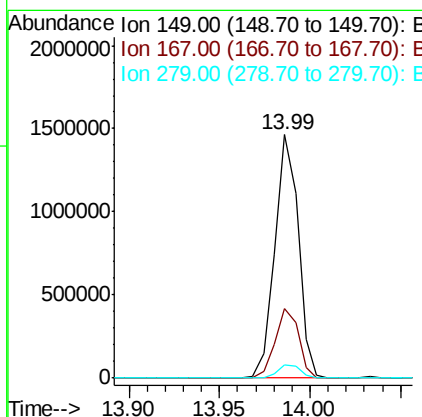
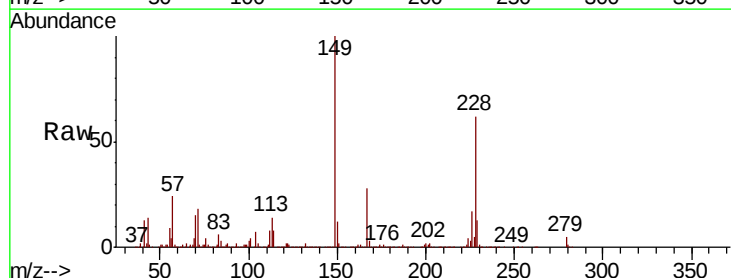
Instrument :
 BNA_F
 ClientSampled :

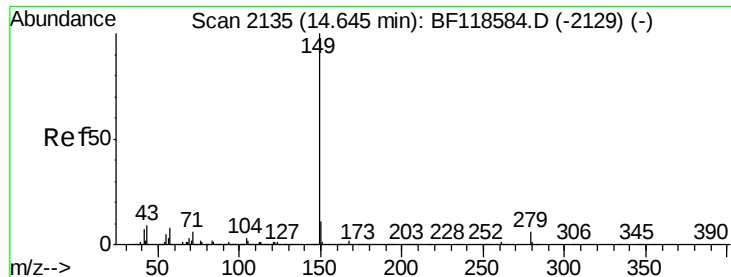
Tot Ion:228 Resp: 1904904
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.6 38.4
 229 21.2 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.656 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118747.D
 Acq: 29 Jan 2020 22:28

Tgt Ion:149 Resp: 1318807
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.6 35.4
 279 5.2 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 69.963 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Instrument :

BNA_F

ClientSampleId :

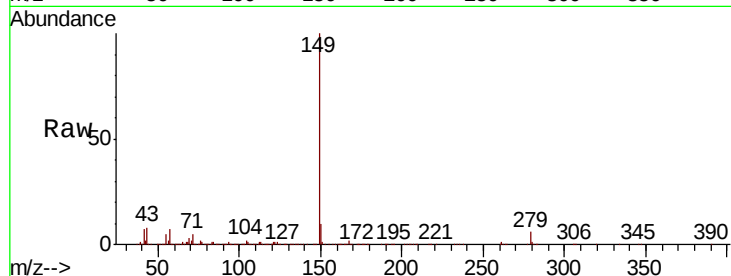
Tot Ion:149 Resp: 2215059

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

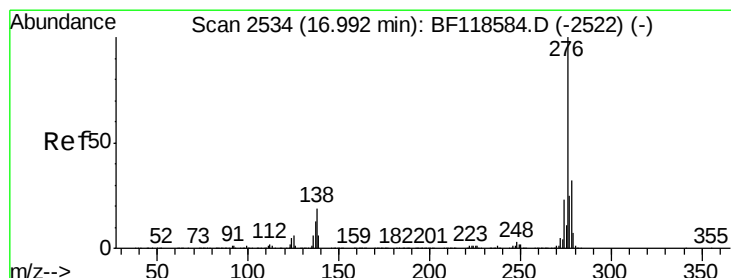
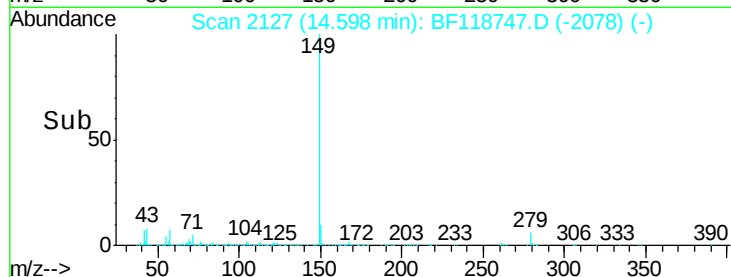
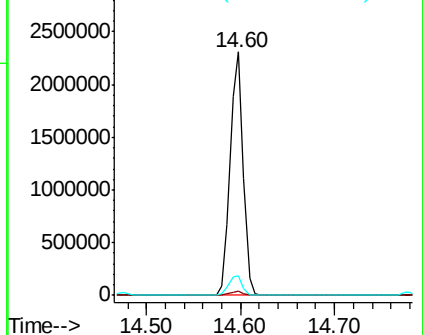
43 8.3 6.6 10.0



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: 83.978 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

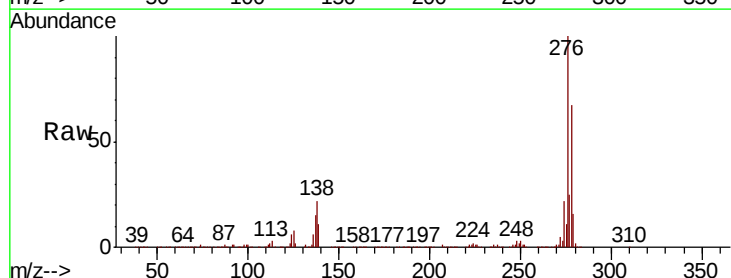
Tgt Ion:276 Resp: 2650762

Ion Ratio Lower Upper

276 100

138 23.0 18.2 27.4

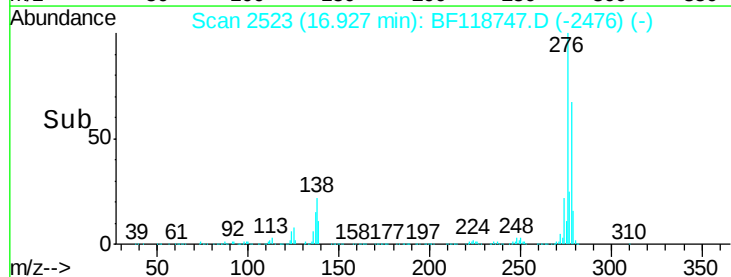
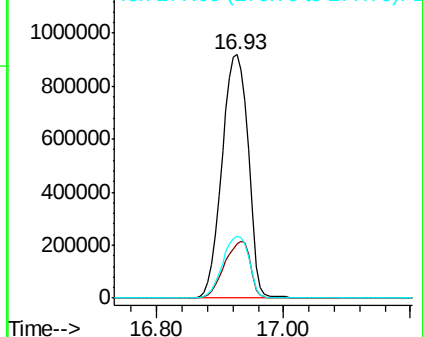
277 25.6 20.4 30.6

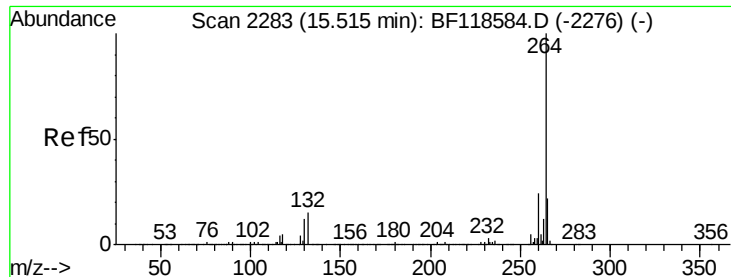


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

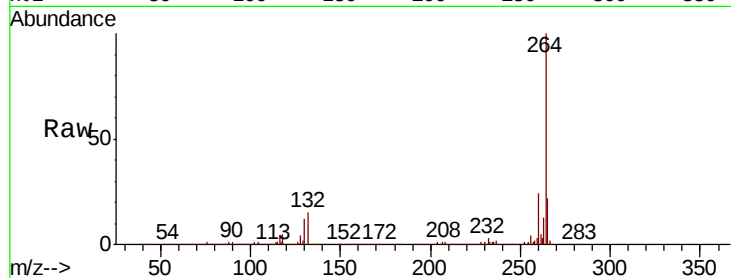




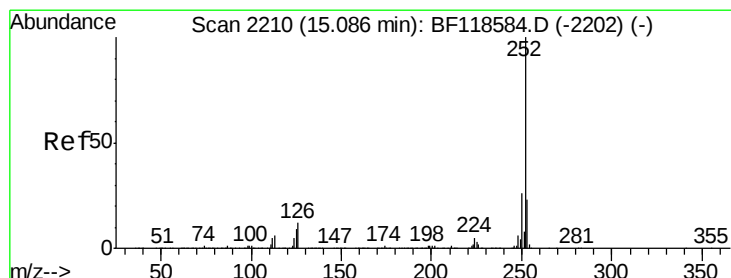
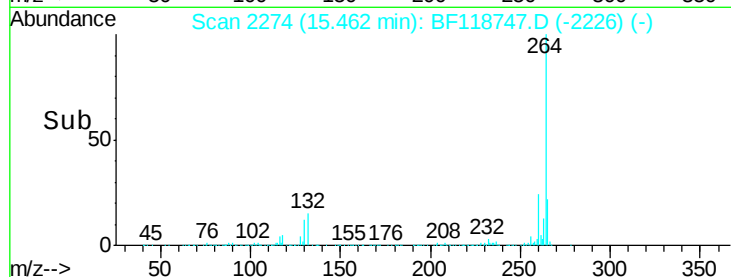
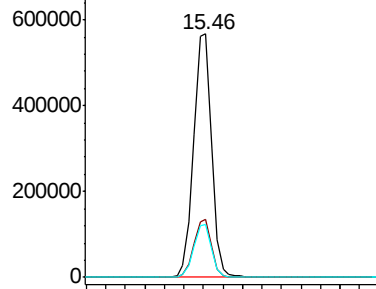
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 722376
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.7 17.0 25.6

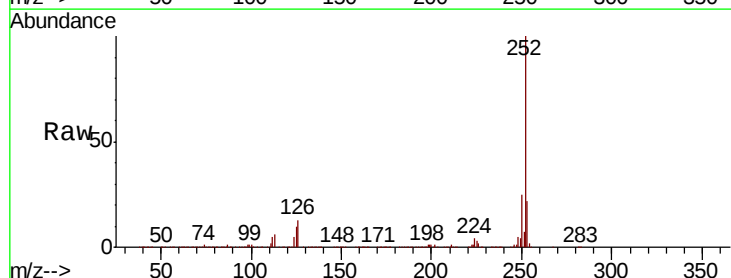


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

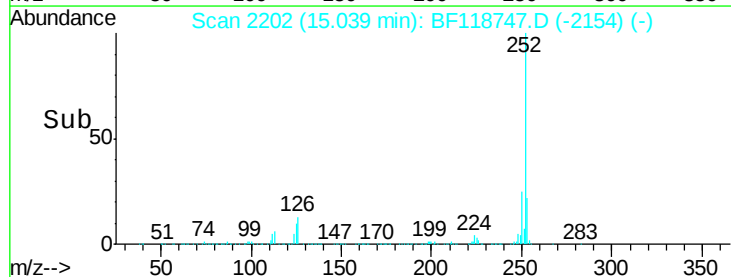
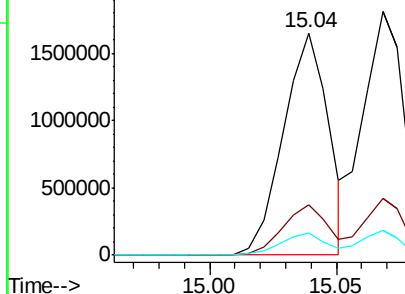


#88
Benzo(b)fluoranthene
Concen: 45.051 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion:252 Resp: 2045622
Ion Ratio Lower Upper
252 100
253 22.5 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

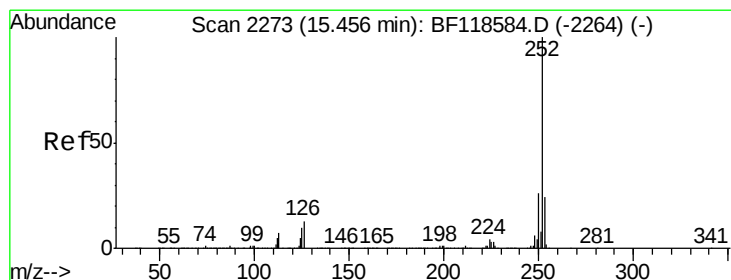
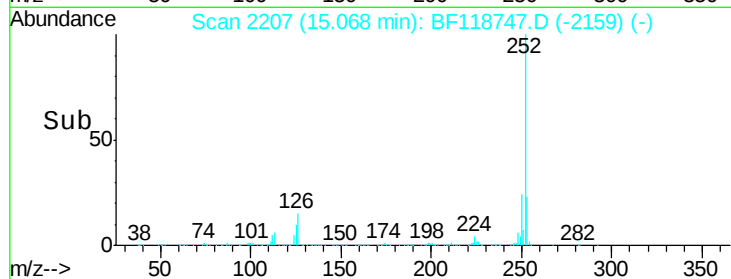
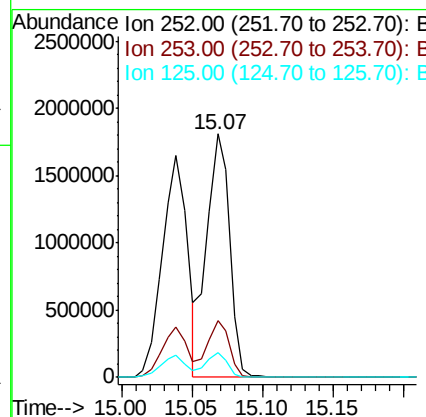
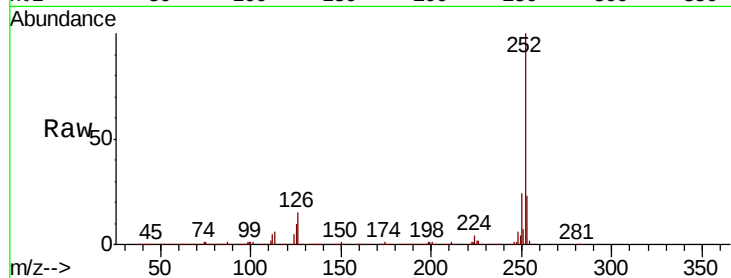




#89
Benzo(k)fluoranthene
Concen: 48.329 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

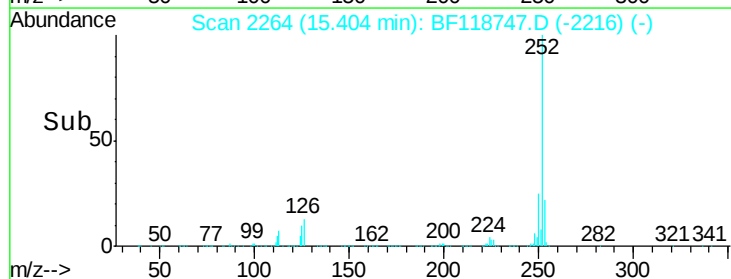
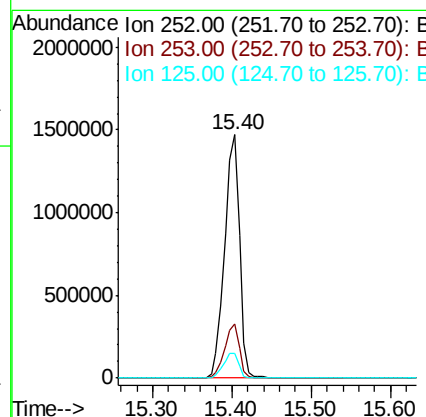
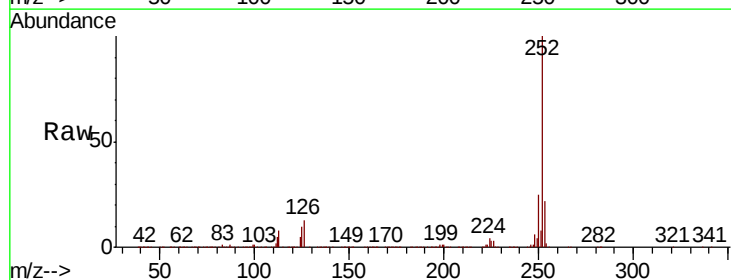
Instrument :
BNA_F
ClientSampled :

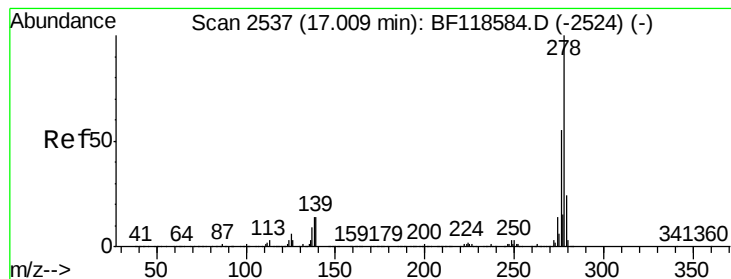
Tot Ion:252 Resp: 2033075
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 10.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 49.072 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118747.D
Acq: 29 Jan 2020 22:28

Tgt Ion:252 Resp: 1922111
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 62.789 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

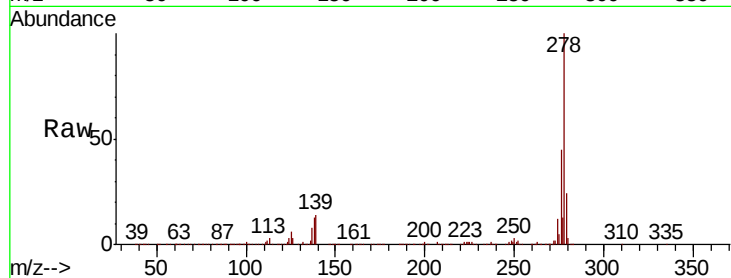
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2175475

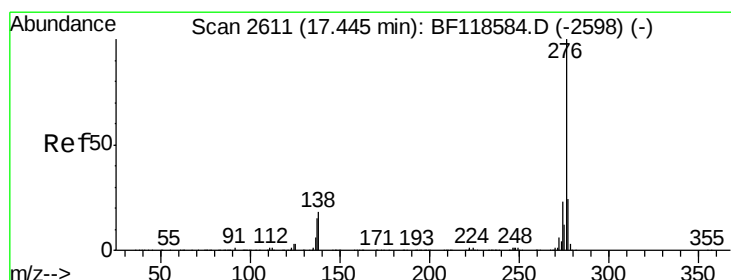
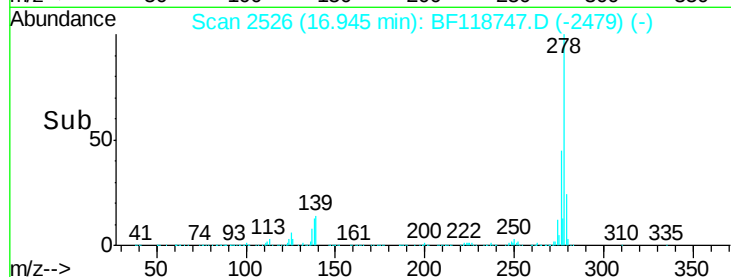
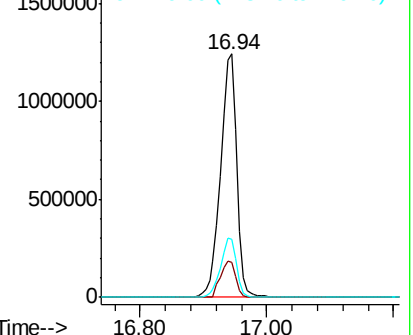
Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.8	17.6
279	24.0	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 67.439 ng

RT: 17.37 min Scan# 2598

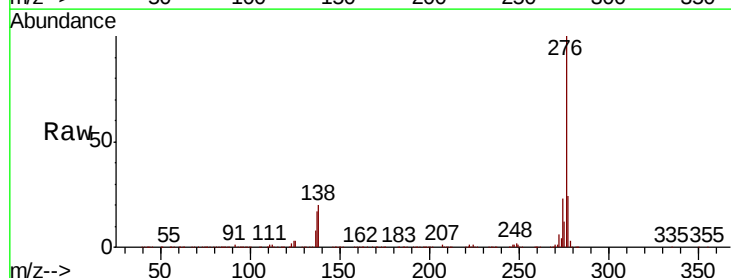
Delta R.T. -0.02 min

Lab File: BF118747.D

Acq: 29 Jan 2020 22:28

Tgt Ion:276 Resp: 2268686

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	19.7	15.4	23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

