

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119027.D
 Acq On : 24 Feb 2020 17:47
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:25:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	190651	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	724862	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	417056	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	797183	20.00	ng	0.00
76) Chrysene-d12	13.92	240	570135	20.00	ng	0.00
87) Perylene-d12	15.34	264	521231	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	917327	80.41	ng	0.00
7) Phenol-d6	6.40	99	1146598	82.64	ng	0.00
23) Nitrobenzene-d5	7.33	82	1095523	79.80	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	458507	84.04	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2136112	75.45	ng	0.00
79) Terphenyl-d14	12.86	244	2657520	80.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	189226	37.254	ng	99
3) Pyridine	3.16	79	547230	39.449	ng	99
4) n-Nitrosodimethylamine	3.12	42	169162	40.256	ng	97
6) Aniline	6.42	93	691097	40.368	ng	# 63
8) 2-Chlorophenol	6.55	128	512065	41.592	ng	96
9) Benzaldehyde	6.30	77	366380	39.524	ng	99
10) Phenol	6.42	94	606298	40.418	ng	90
11) bis(2-Chloroethyl)ether	6.50	93	482361	42.026	ng	98
12) 1,3-Dichlorobenzene	6.70	146	606989	41.134	ng	99
13) 1,4-Dichlorobenzene	6.77	146	611647	41.422	ng	99
14) 1,2-Dichlorobenzene	6.93	146	559263	41.529	ng	98
15) Benzyl Alcohol	6.90	79	436436	43.524	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	422849	42.529	ng	91
17) 2-Methylphenol	7.02	107	419827	42.060	ng	96
18) Hexachloroethane	7.27	117	218217	41.306	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	347967	43.040	ng	99
20) 3+4-Methylphenols	7.17	107	502973	41.130	ng	# 90
22) Acetophenone	7.17	105	680759	40.590	ng	# 97
24) Nitrobenzene	7.34	77	545776	40.201	ng	96
25) Isophorone	7.59	82	977300	40.990	ng	99
26) 2-Nitrophenol	7.66	139	293431	40.793	ng	96
27) 2,4-Dimethylphenol	7.70	122	394965	40.457	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	630236	40.611	ng	100
29) 2,4-Dichlorophenol	7.90	162	465549	40.508	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	535750	39.317	ng	100
31) Naphthalene	8.06	128	1490288	39.643	ng	100
32) Benzoic acid	7.85	122	294783	42.303	ng	98
33) 4-Chloroaniline	8.11	127	646871	40.007	ng	98
34) Hexachlorobutadiene	8.18	225	335973	39.583	ng	98
35) Caprolactam	8.50	113	152669	43.141	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	488878	42.031	ng	97
37) 2-Methylnaphthalene	8.75	142	1038059	41.032	ng	99
38) 1-Methylnaphthalene	8.85	142	968385	40.702	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	543732	38.668	ng	100

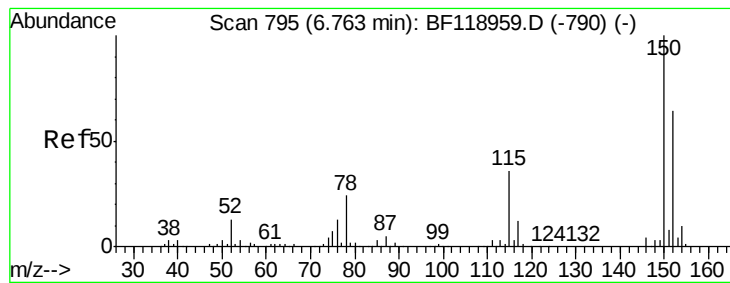
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119027.D
 Acq On : 24 Feb 2020 17:47
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:25:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	171341	38.939	nq	97
43) 2,4,6-Trichlorophenol	9.03	196	353887	39.854	nq	98
44) 2,4,5-Trichlorophenol	9.08	196	372060	39.929	nq	97
46) 1,1'-Biphenyl	9.22	154	1313353	38.964	nq	98
47) 2-Chloronaphthalene	9.24	162	1061311	39.073	nq	97
48) 2-Nitroaniline	9.34	65	313793	41.419	nq	99
49) Acenaphthylene	9.66	152	1560037	39.766	nq	100
50) Dimethylphthalate	9.52	163	1317846	41.323	nq	100
51) 2,6-Dinitrotoluene	9.58	165	293984	41.492	nq	96
52) Acenaphthene	9.83	154	943368	39.879	nq	99
53) 3-Nitroaniline	9.75	138	322401	41.044	nq	96
54) 2,4-Dinitrophenol	9.86	184	130288	41.774	nq	# 90
55) Dibenzofuran	10.00	168	1397792	39.588	nq	98
56) 4-Nitrophenol	9.92	139	184083	39.005	nq	94
57) 2,4-Dinitrotoluene	9.99	165	378471	41.210	nq	# 92
58) Fluorene	10.34	166	1118090	40.752	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	318930	40.564	nq	98
60) Diethylphthalate	10.22	149	1256127	41.796	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	591678	40.742	nq	98
62) 4-Nitroaniline	10.37	138	338000	42.058	nq	99
63) Azobenzene	10.49	77	1071290	41.009	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	205720	42.646	nq	96
66) n-Nitrosodiphenylamine	10.45	169	1032456	39.554	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	415396	39.864	nq	97
68) Hexachlorobenzene	10.89	284	477989	39.786	nq	98
69) Atrazine	10.98	200	344099	37.730	nq	99
70) Pentachlorophenol	11.09	266	194821	40.256	nq	99
71) Phenanthrene	11.30	178	1700144	39.107	nq	99
72) Anthracene	11.35	178	1721584	39.633	nq	99
73) Carbazole	11.51	167	1543902	39.896	nq	99
74) Di-n-butylphthalate	11.84	149	1955536	41.728	nq	100
75) Fluoranthene	12.49	202	1843681	39.952	nq	99
77) Benzidine	12.60	184	849371	36.631	nq	99
78) Pyrene	12.72	202	1833973	40.060	nq	99
80) Butylbenzylphthalate	13.33	149	825666	42.852	nq	99
81) Benzo(a)anthracene	13.90	228	1572280	40.474	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	622248	41.251	nq	98
83) Chrysene	13.94	228	1525652	39.415	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1043406	42.864	nq	98
85) Di-n-octyl phthalate	14.50	149	1602705	41.323	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	1292122	34.475	nq	99
88) Benzo(b)fluoranthene	14.93	252	1451978	42.262	nq	99
89) Benzo(k)fluoranthene	14.96	252	1340872	42.114	nq	99
90) Benzo(a)pyrene	15.28	252	1248047	40.249	nq	99
91) Dibenzo(a,h)anthracene	16.76	278	1063133	38.966	nq	99
92) Benzo(g,h,i)perylene	17.17	276	1039207	38.550	nq	98

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

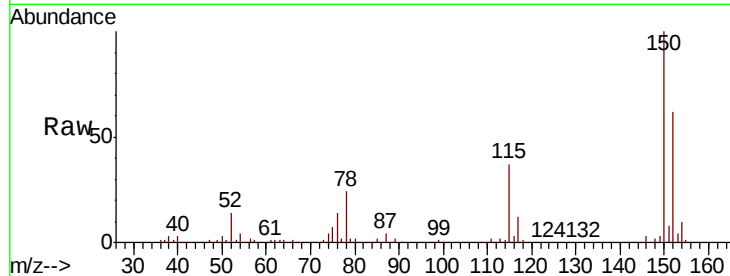


#1

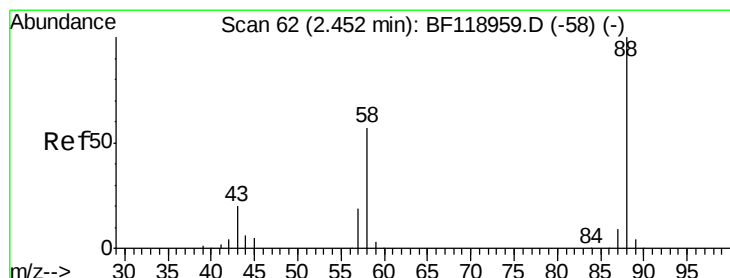
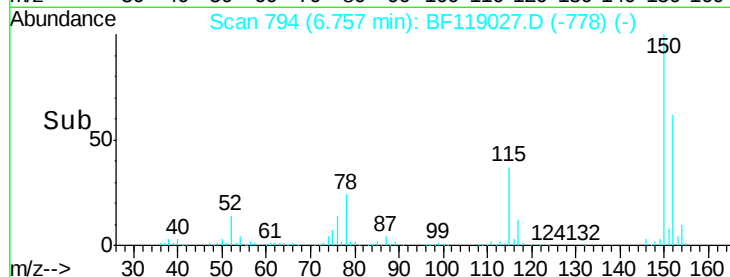
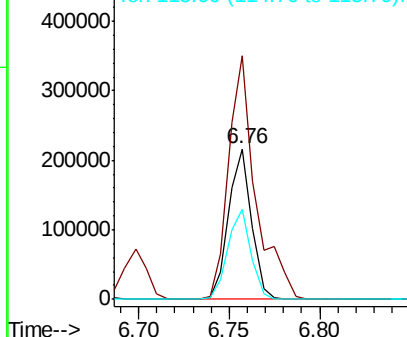
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 190651
Ion Ratio Lower Upper
152 100
150 161.8 124.3 186.5
115 60.0 44.6 67.0



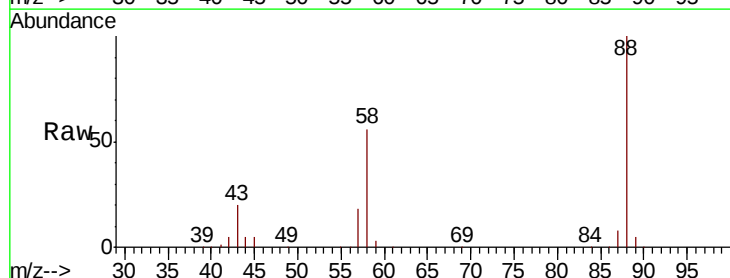
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



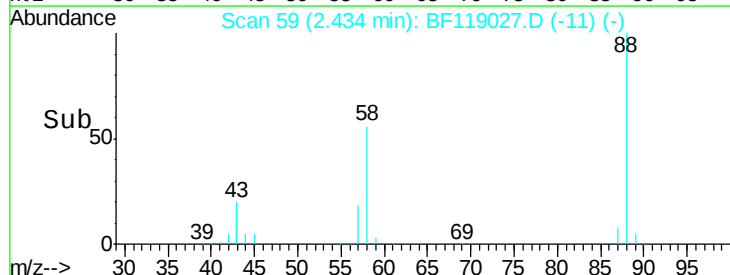
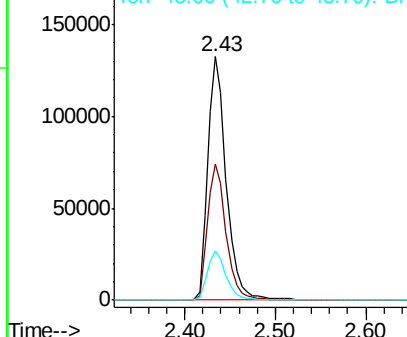
#2

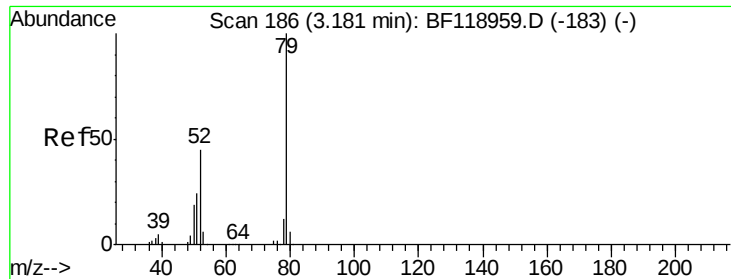
1,4-Dioxane
Concen: 37.254 ng
RT: 2.43 min Scan# 59
Delta R.T. -0.02 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion: 88 Resp: 189226
Ion Ratio Lower Upper
88 100
58 56.5 44.6 66.8
43 20.7 16.0 24.0



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: 39.449 ng

RT: 3.16 min Scan# 183

Delta R.T. -0.02 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

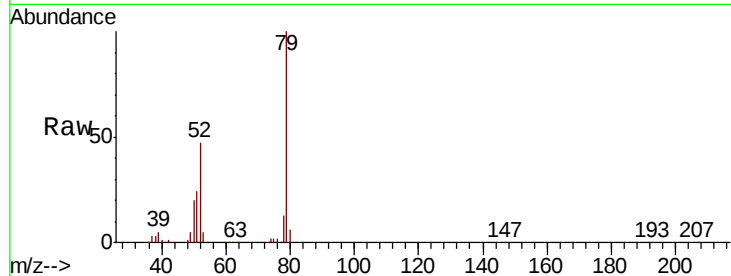
Tot Ion: 79 Resp: 547230

Ion Ratio Lower Upper

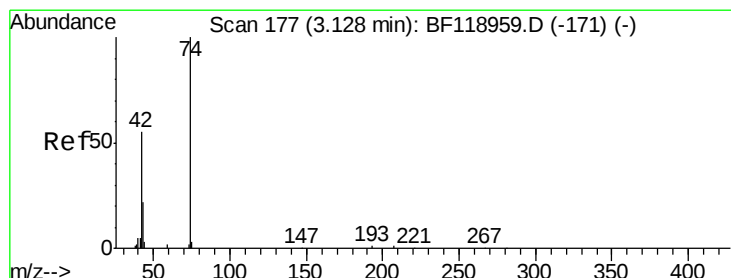
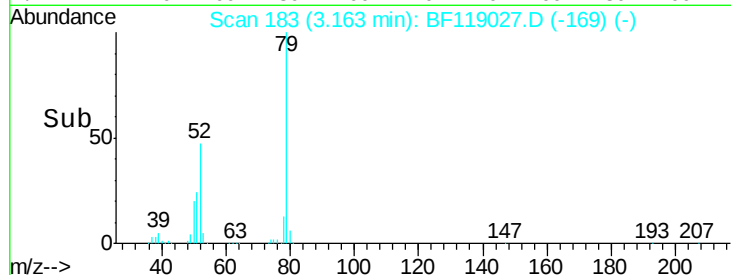
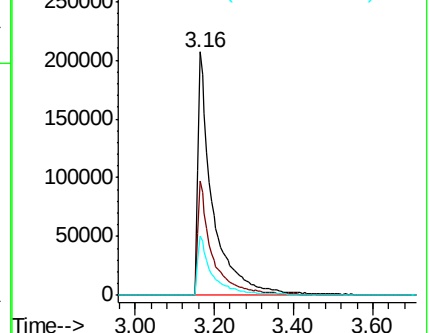
79 100

52 46.8 36.3 54.5

51 24.4 19.5 29.3



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



#4

n-Nitrosodimethylamine

Concen: 40.256 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

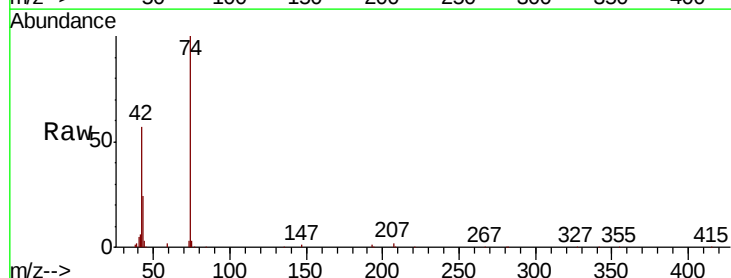
Tgt Ion: 42 Resp: 169162

Ion Ratio Lower Upper

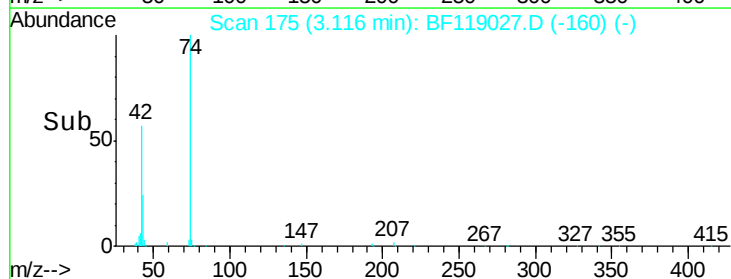
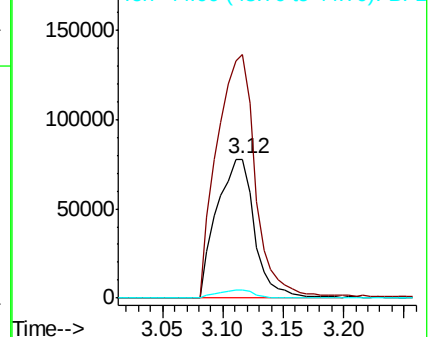
42 100

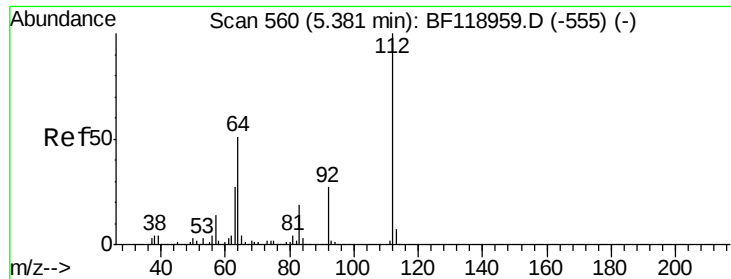
74 175.6 144.4 216.6

44 5.8 4.5 6.7



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





#5

2-Fluorophenol

Concen: 80.410 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

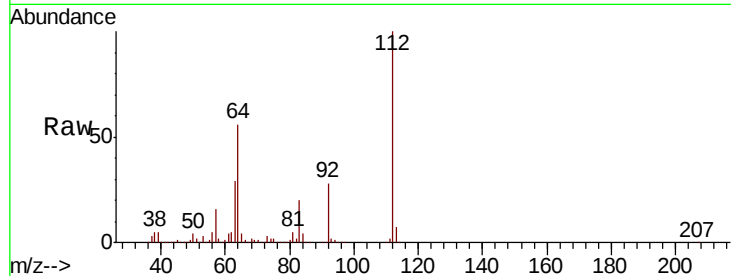
Tot Ion:112 Resp: 917327

Ion Ratio Lower Upper

112 100

64 55.6 40.4 60.6

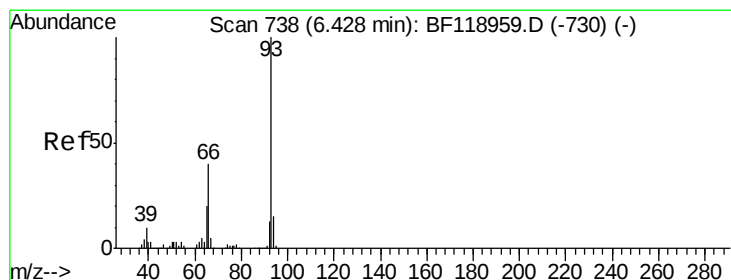
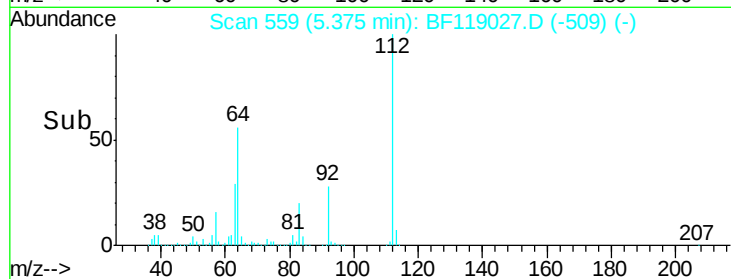
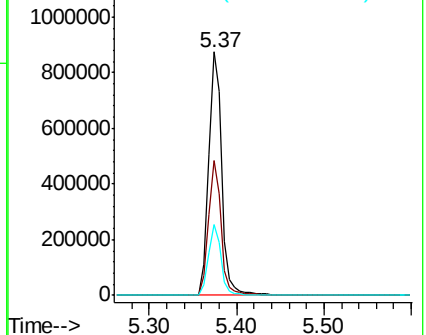
63 29.2 21.3 31.9



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: 40.368 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

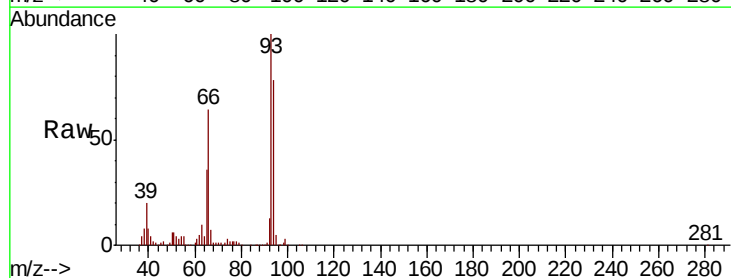
Tgt Ion: 93 Resp: 691097

Ion Ratio Lower Upper

93 100

66 63.6 32.2 48.2#

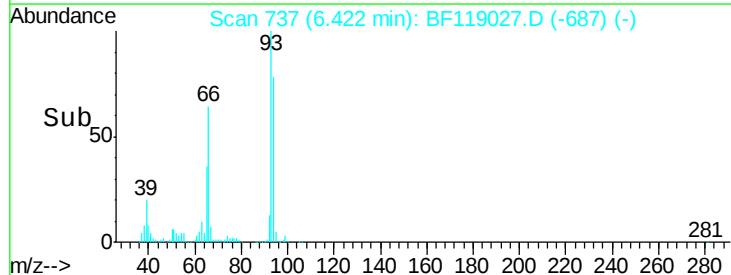
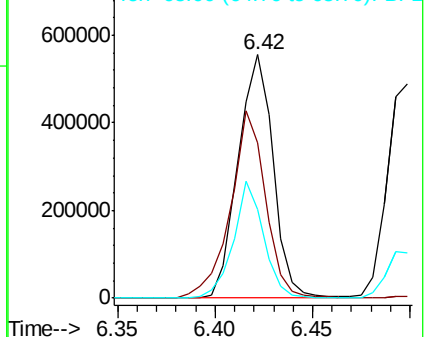
65 36.2 16.1 24.1#



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: 82.641 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

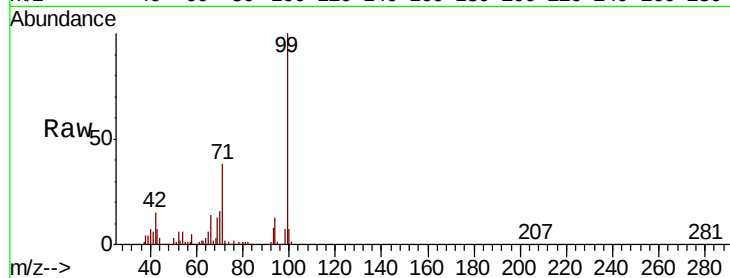
Tot Ion: 99 Resp: 1146598

Ion Ratio Lower Upper

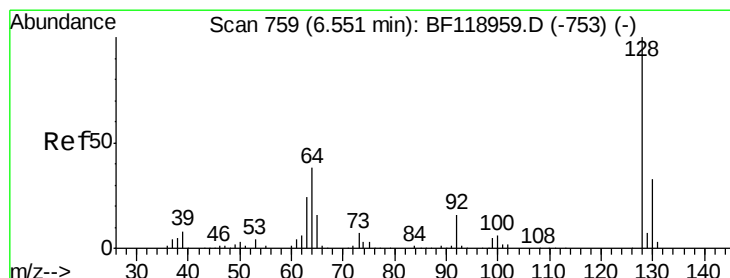
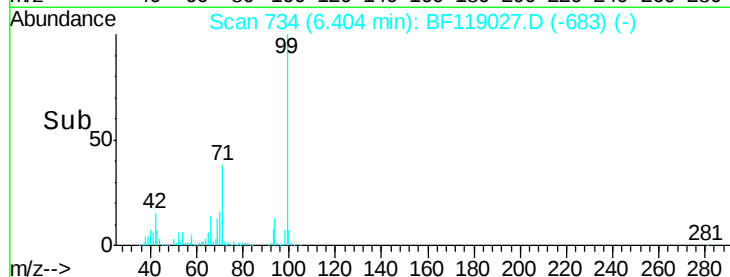
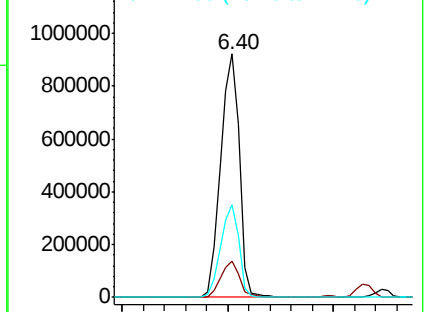
99 100

42 15.0 11.4 17.0

71 38.1 29.8 44.6



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: 41.592 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

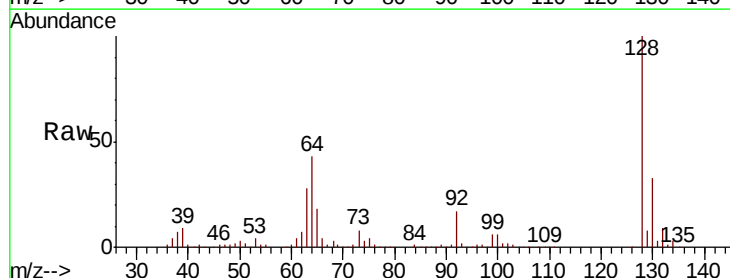
Tgt Ion:128 Resp: 512065

Ion Ratio Lower Upper

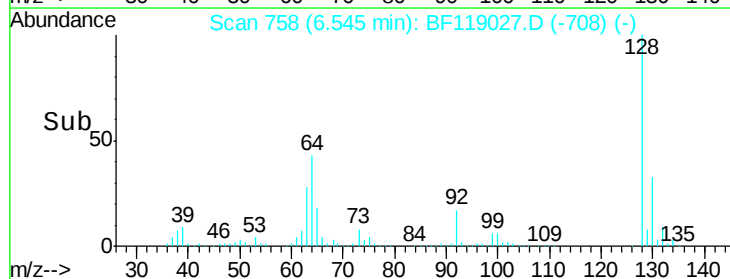
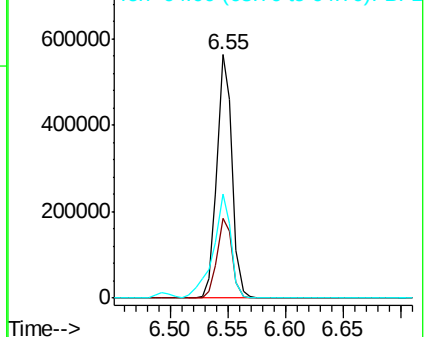
128 100

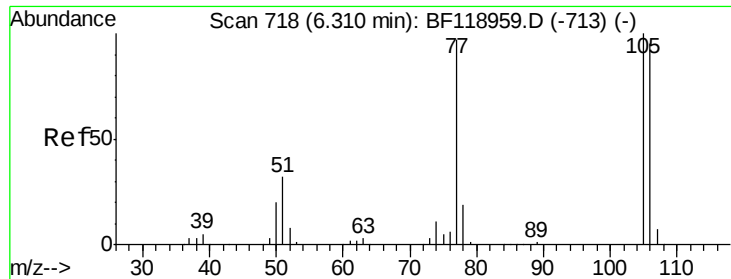
130 32.5 12.7 52.7

64 42.5 18.7 58.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.524 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

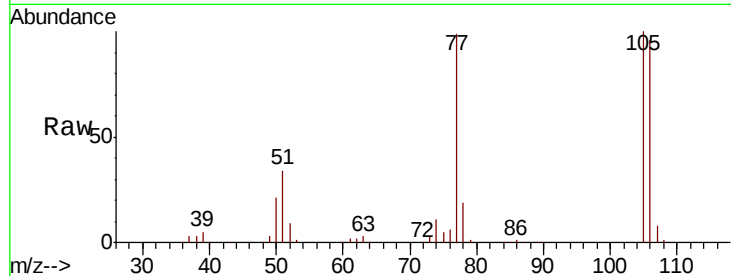
Tot Ion: 77 Resp: 366380

Ion Ratio Lower Upper

77 100

105 101.2 83.0 123.0

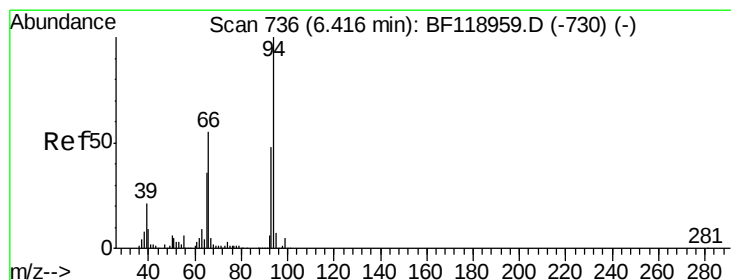
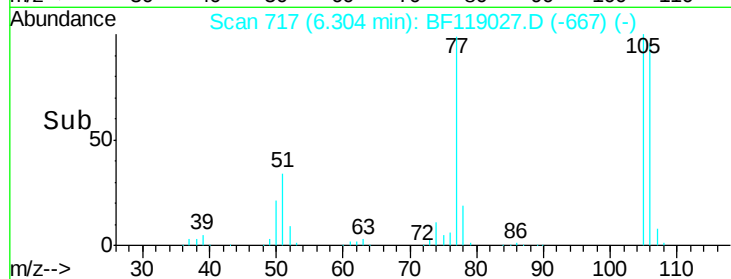
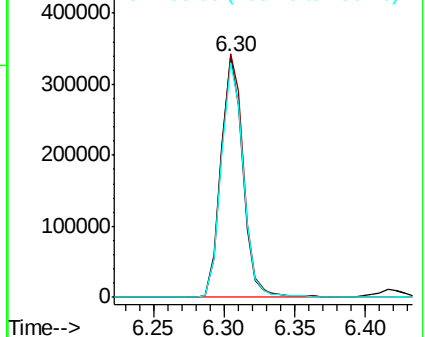
106 97.6 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.418 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

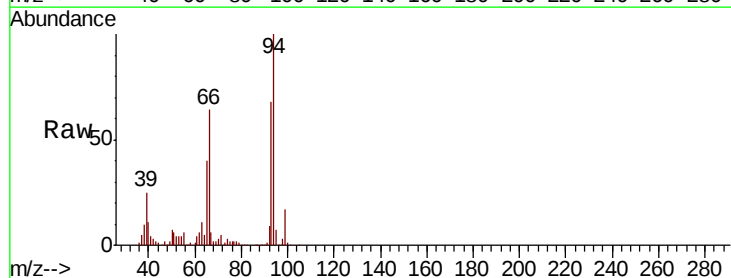
Tgt Ion: 94 Resp: 606298

Ion Ratio Lower Upper

94 100

65 40.2 15.5 55.5

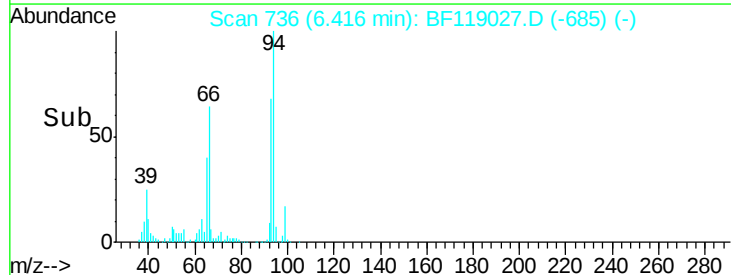
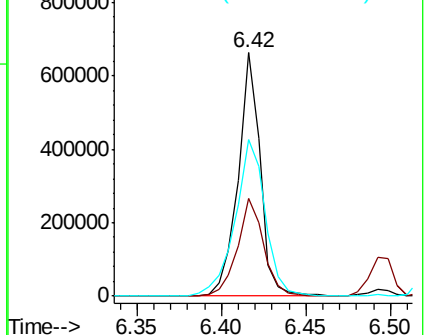
66 64.3 35.6 75.6

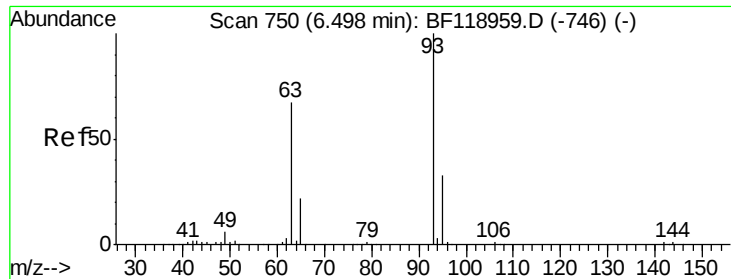


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

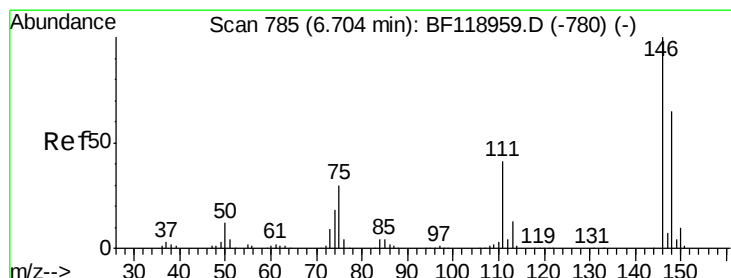
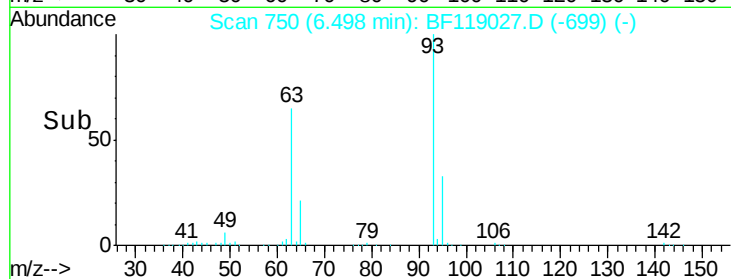
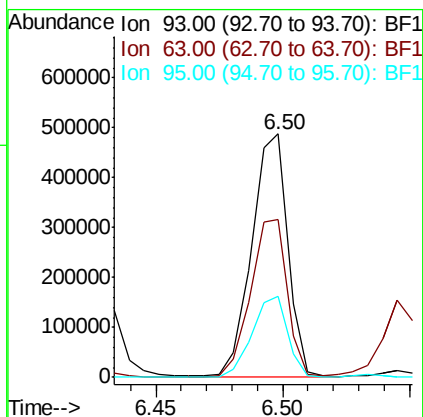
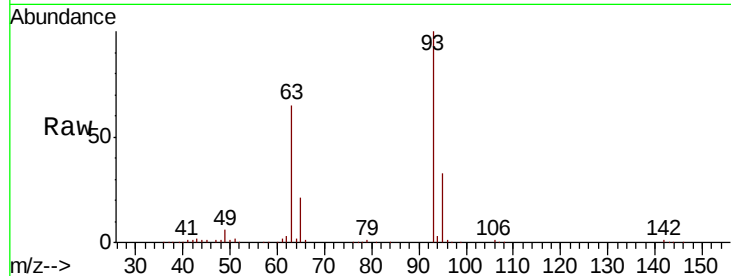




#11
bis(2-Chloroethyl)ether
Concen: 42.026 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

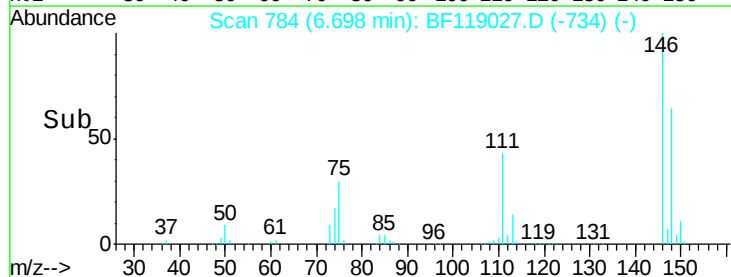
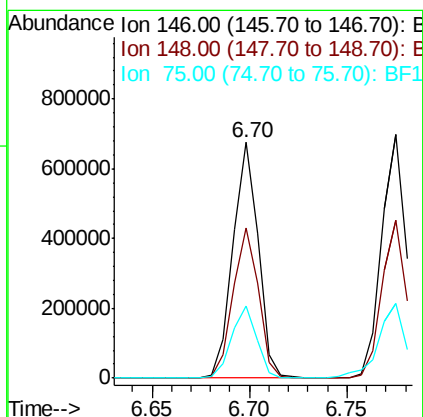
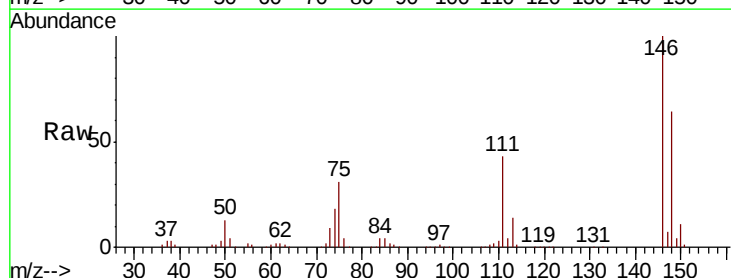
Instrument :
BNA_F
ClientSampleId :

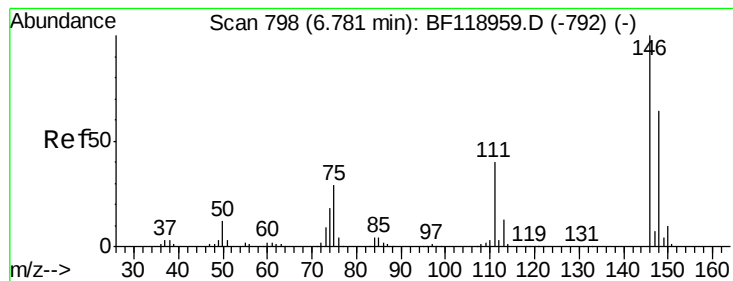
Tot Ion: 93 Resp: 482361
Ion Ratio Lower Upper
93 100
63 64.9 46.8 86.8
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.134 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion: 146 Resp: 606989
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
75 30.7 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 41.422 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampled :

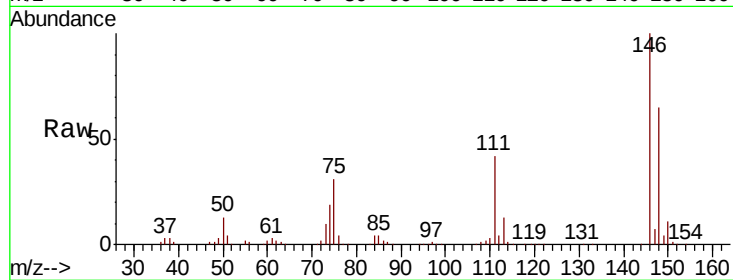
Tot Ion:146 Resp: 611647

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

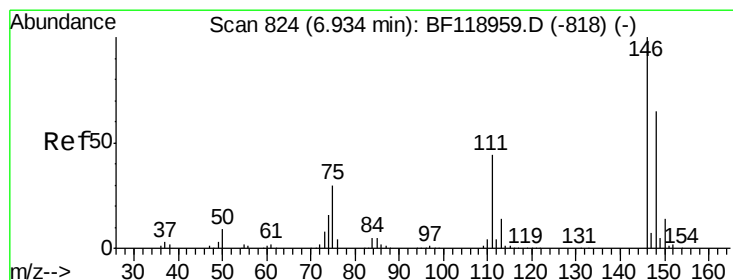
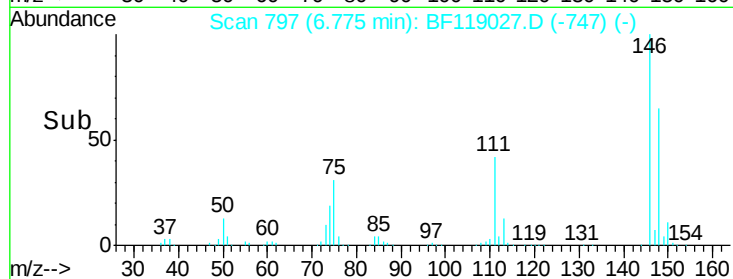
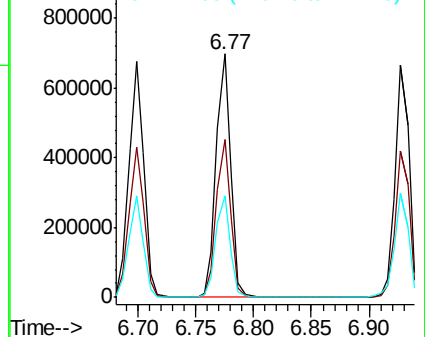
111 41.7 31.9 47.9



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



#14

1,2-Dichlorobenzene

Concen: 41.529 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

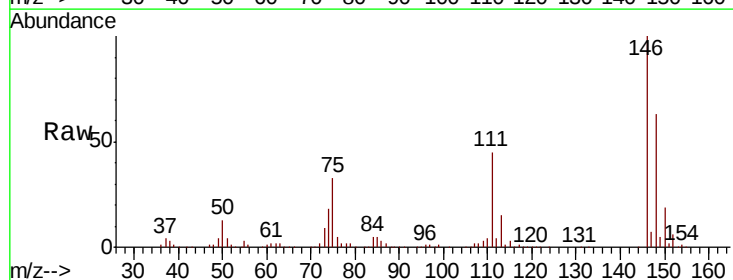
Tgt Ion:146 Resp: 559263

Ion Ratio Lower Upper

146 100

148 63.0 52.1 78.1

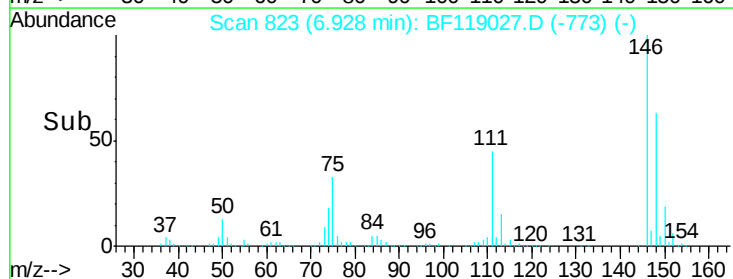
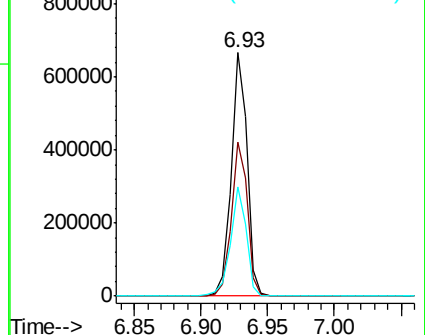
111 44.9 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.524 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampled :

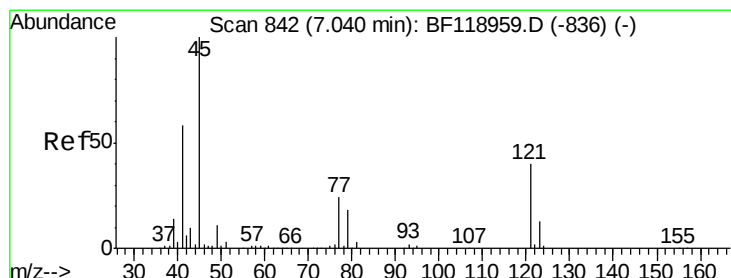
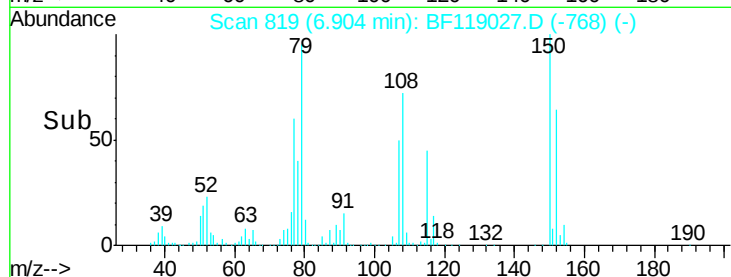
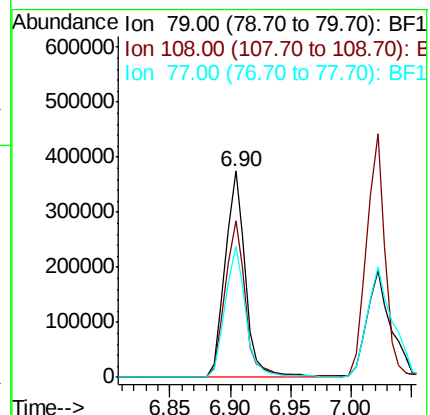
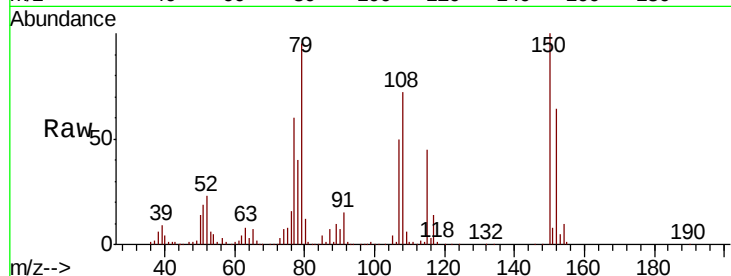
Tot Ion: 79 Resp: 436436

Ion Ratio Lower Upper

79 100

108 75.7 61.1 91.7

77 63.2 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.529 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

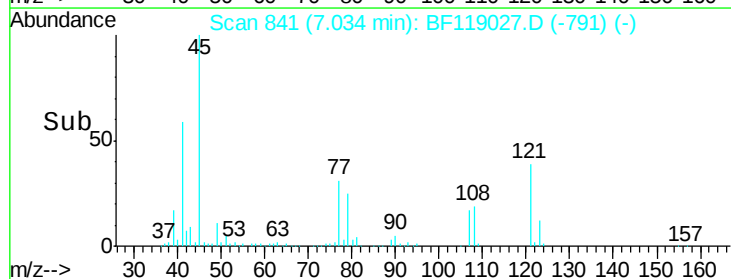
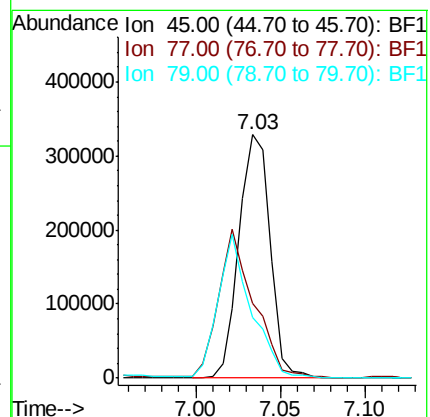
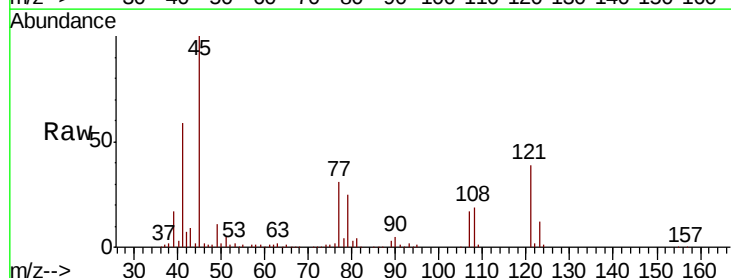
Tgt Ion: 45 Resp: 422849

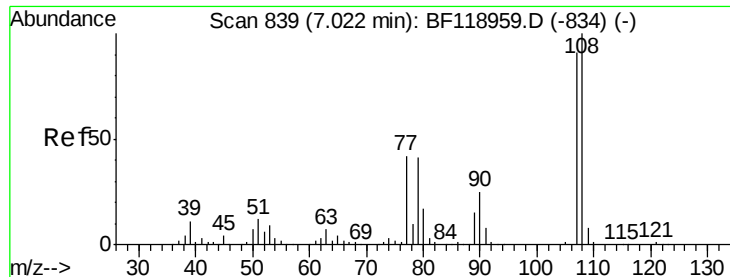
Ion Ratio Lower Upper

45 100

77 30.7 6.1 46.1

79 24.8 0.5 40.5

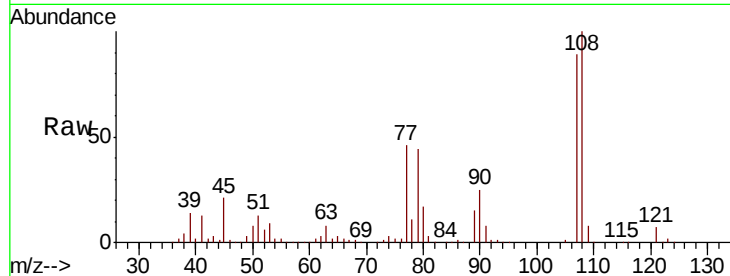




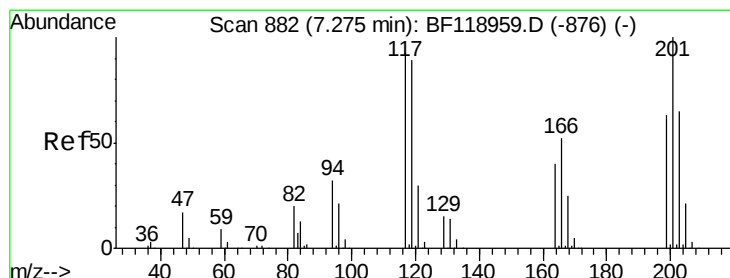
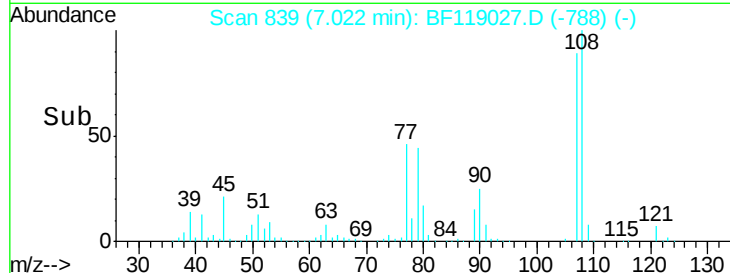
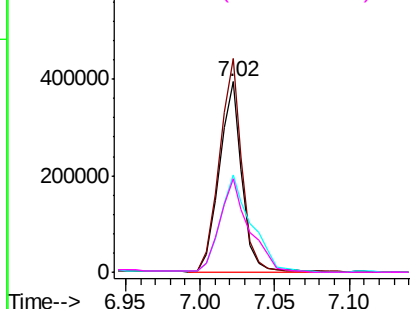
#17
2-Methylphenol
Concen: 42.060 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	419827
Ion	Ratio	Lower	Upper
107	100		
108	112.1	87.7	131.5
77	51.0	36.8	55.2
79	49.3	36.4	54.6

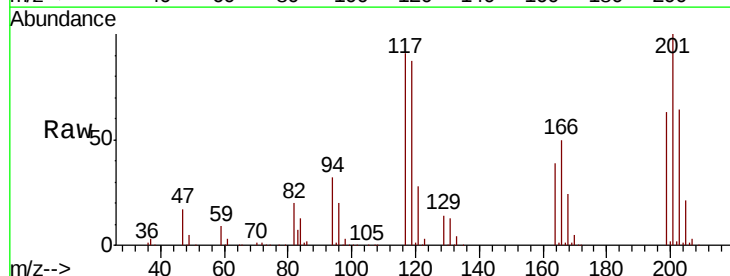


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

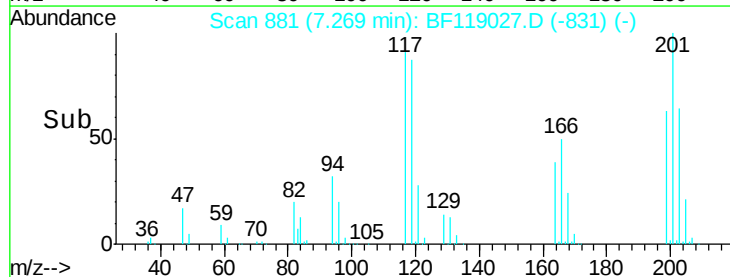
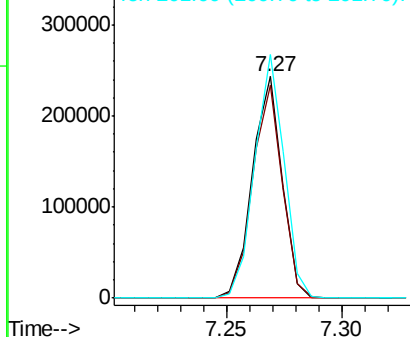


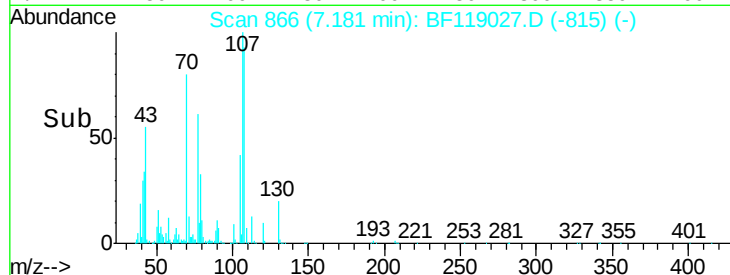
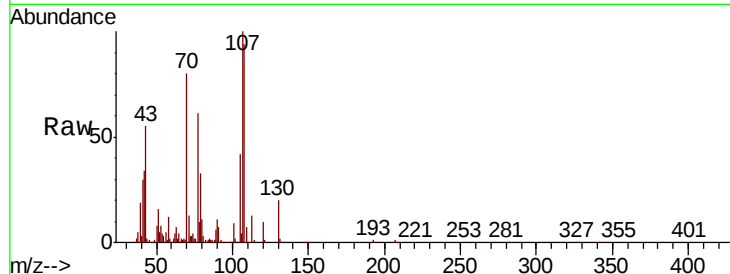
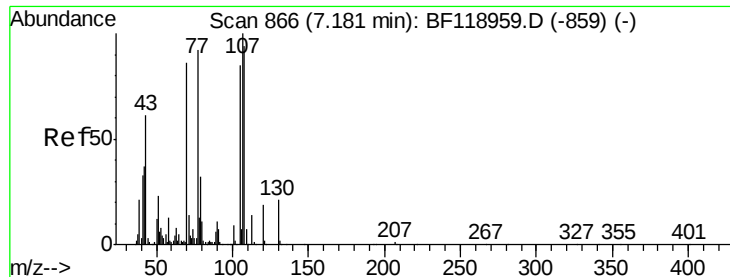
#18
Hexachloroethane
Concen: 41.306 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion:	117	Resp:	218217
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
201	110.0	86.4	129.6



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

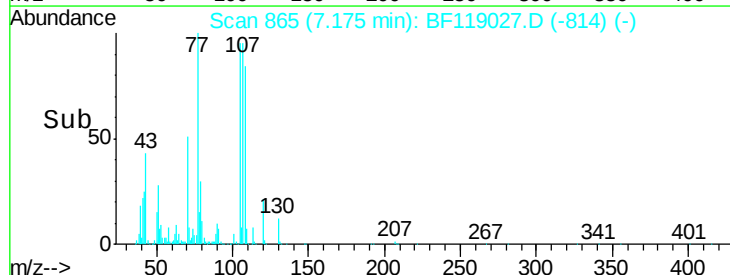
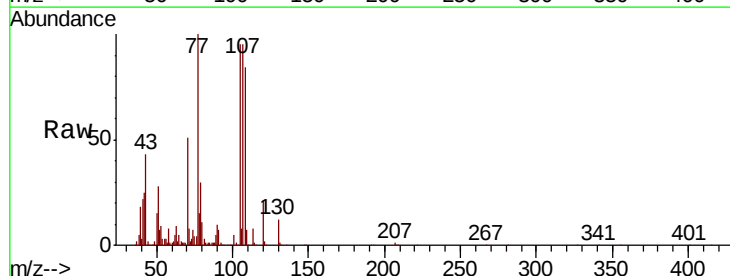
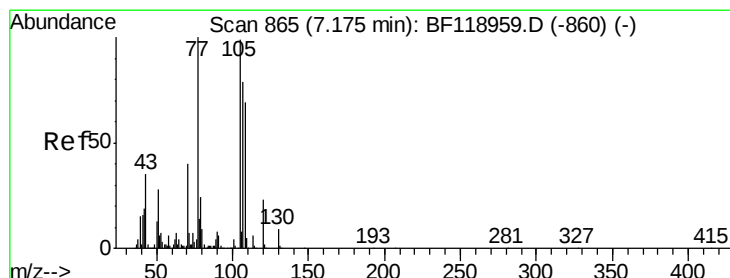
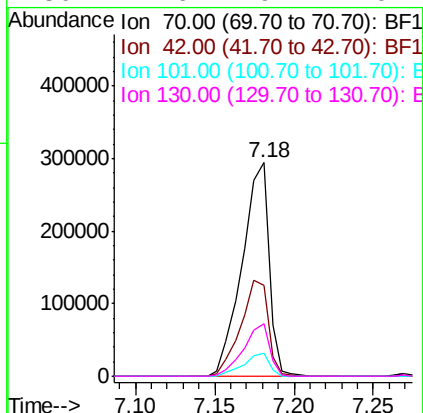




#19
n-Nitroso-di-n-propylamine
Concen: 43.040 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

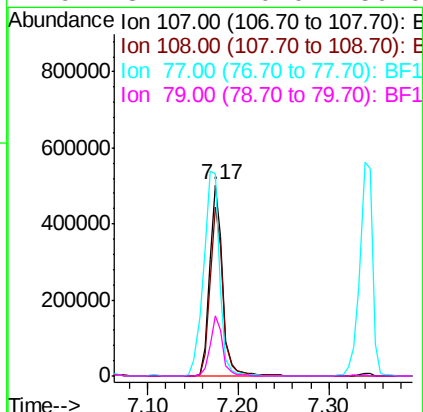
Instrument :
BNA_F
ClientSampleId :

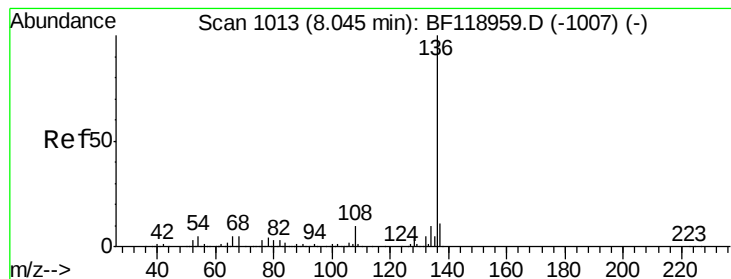
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	34.6	51.8
101	10.7	8.1	12.1
130	24.6	19.4	29.2



#20
3+4-Methylphenols
Concen: 41.130 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.0	107.0
77	105.7	106.2	146.2#
79	31.2	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 724862

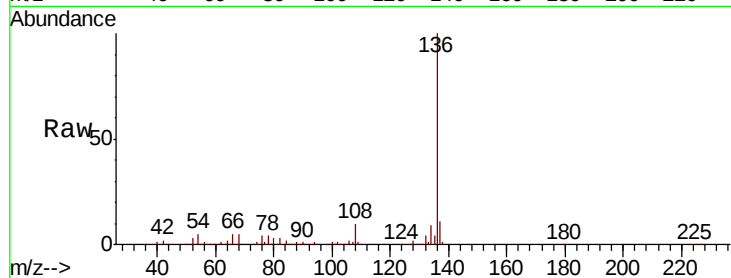
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.2 3.8 5.6

68 5.1 4.2 6.2

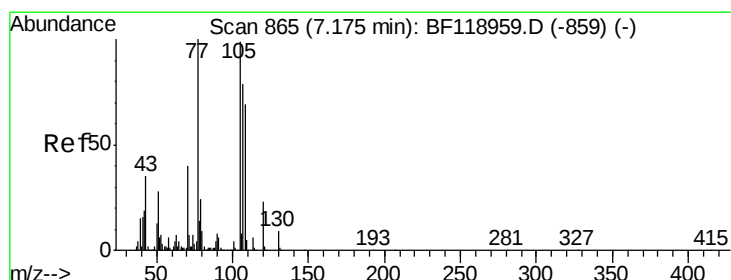
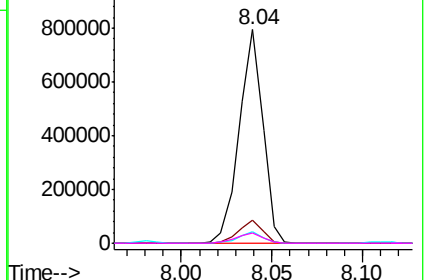
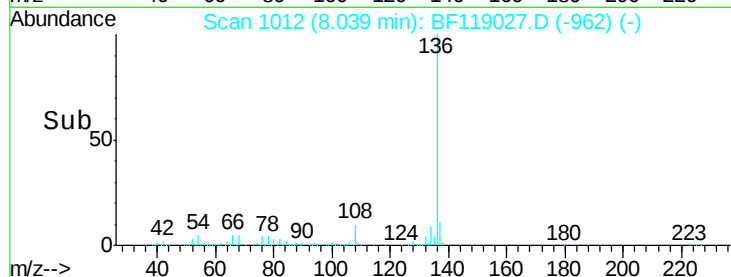


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.590 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Tgt Ion:105 Resp: 680759

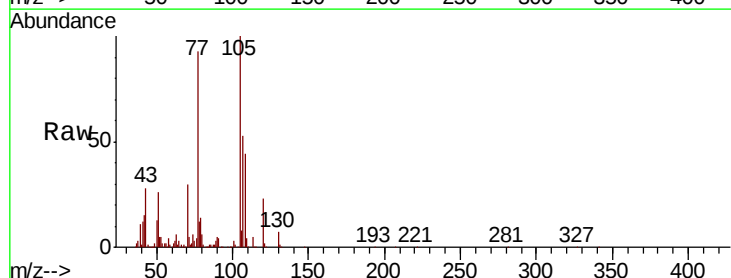
Ion Ratio Lower Upper

105 100

71 5.1 5.4 8.0#

51 25.8 22.5 33.7

120 22.6 18.4 27.6

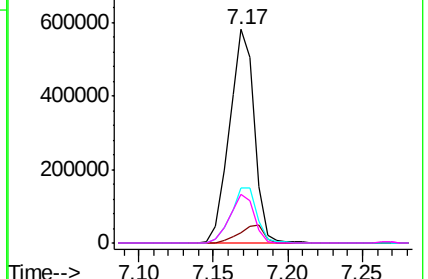
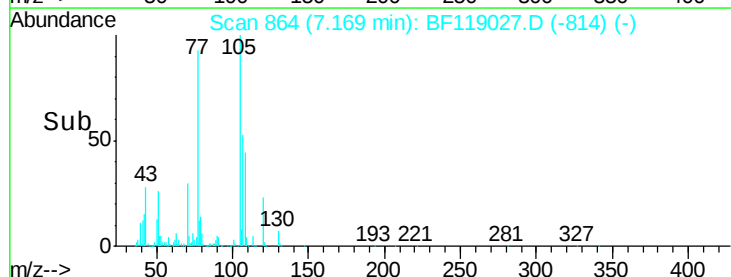


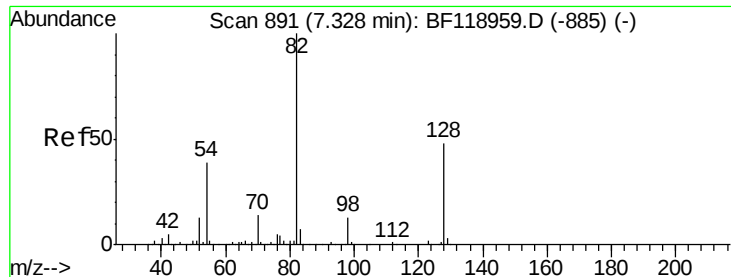
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

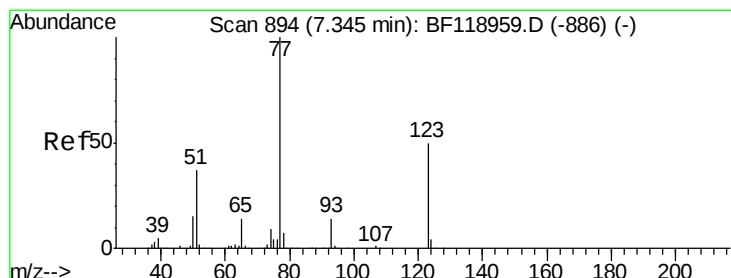
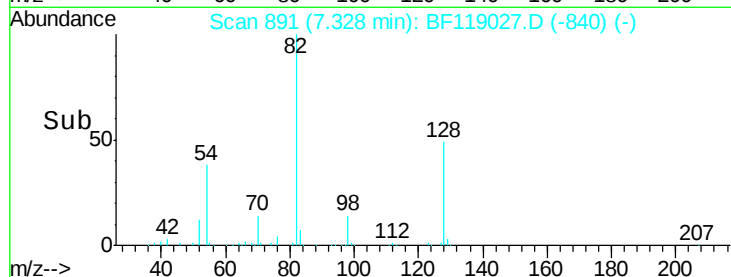
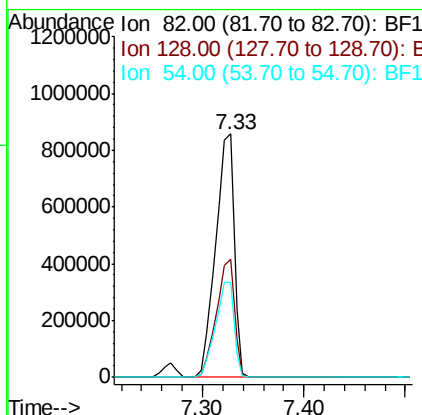
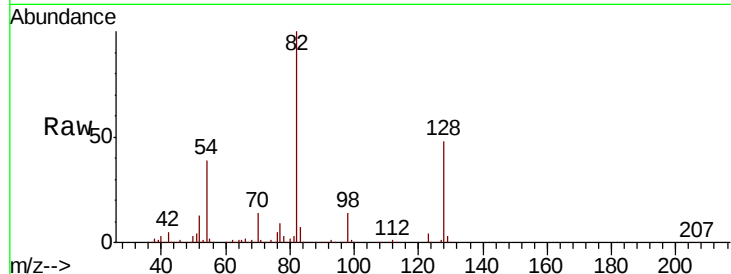




#23
Nitrobenzene-d5
Concen: 79.800 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

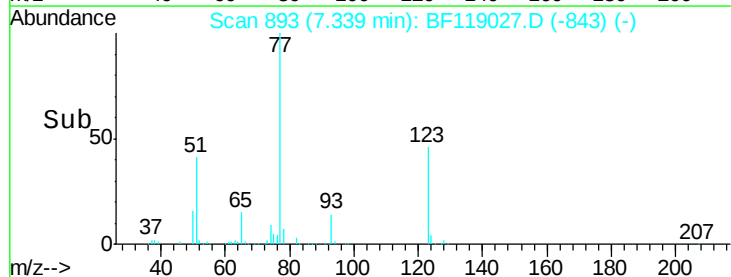
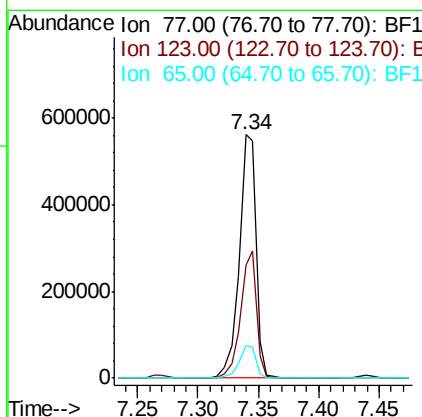
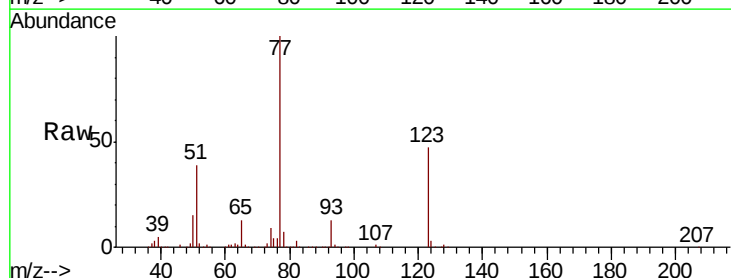
Instrument :
BNA_F
ClientSampleId :

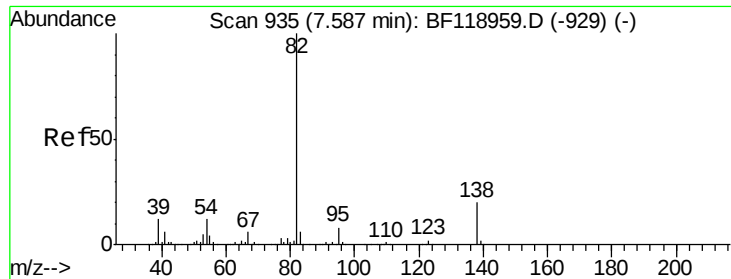
Tot Ion: 82 Resp: 1095523
Ion Ratio Lower Upper
82 100
128 48.5 38.2 57.2
54 38.9 31.3 46.9



#24
Nitrobenzene
Concen: 40.201 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion: 77 Resp: 545776
Ion Ratio Lower Upper
77 100
123 46.5 40.1 60.1
65 13.5 10.9 16.3

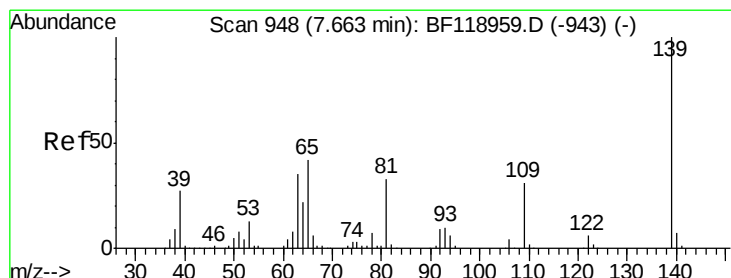
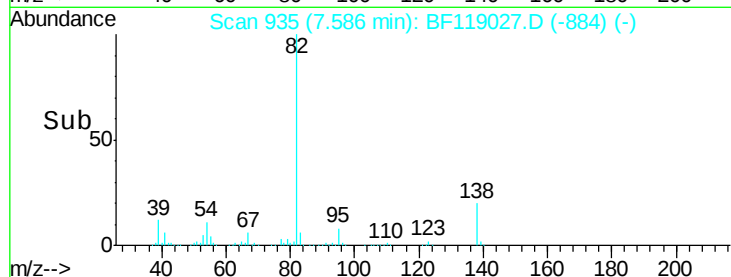
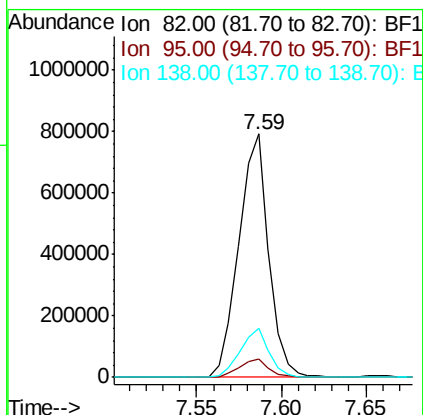
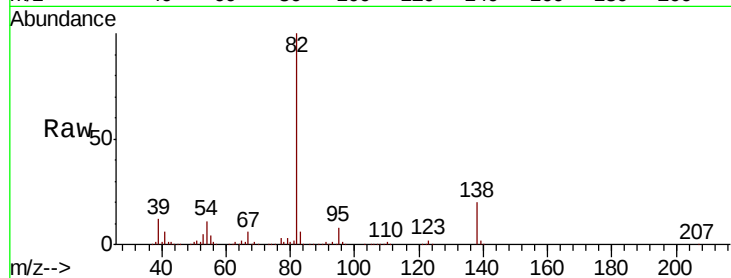




#25
Isophorone
Concen: 40.990 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

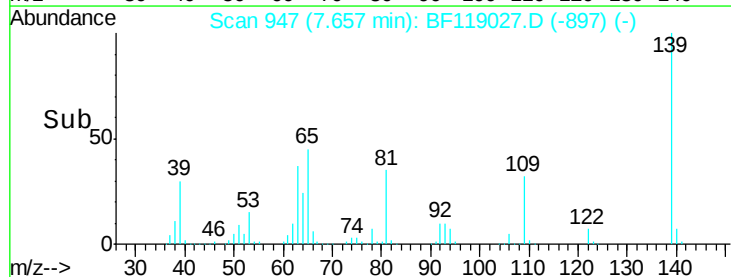
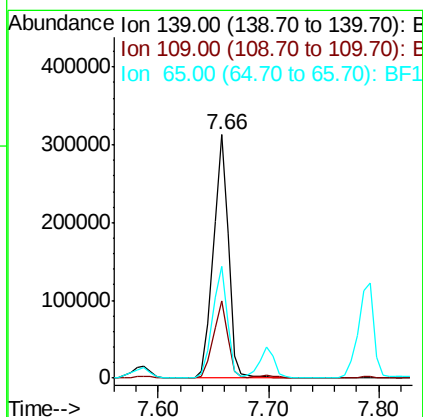
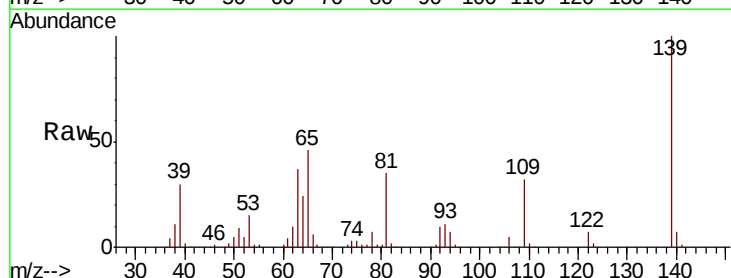
Instrument :
BNA_F
ClientSampled :

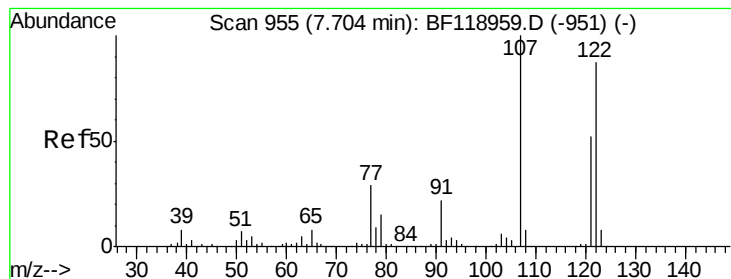
Tot Ion: 82 Resp: 977300
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 20.2 15.8 23.6



#26
2-Nitrophenol
Concen: 40.793 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion: 139 Resp: 293431
Ion Ratio Lower Upper
139 100
109 31.7 24.6 36.8
65 45.7 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 40.457 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

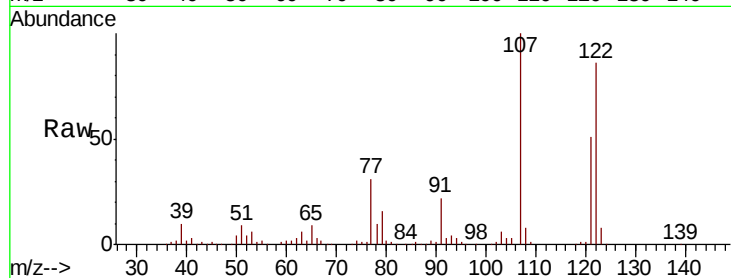
Tot Ion:122 Resp: 394965

Ion Ratio Lower Upper

122 100

107 116.4 91.8 137.8

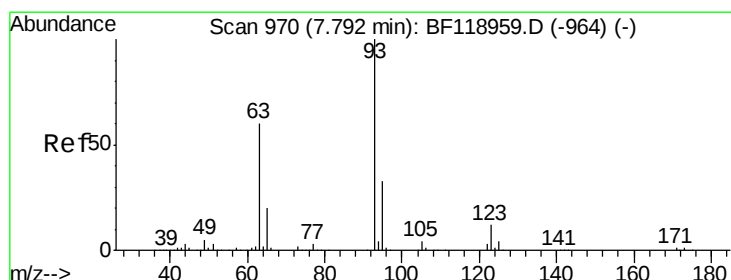
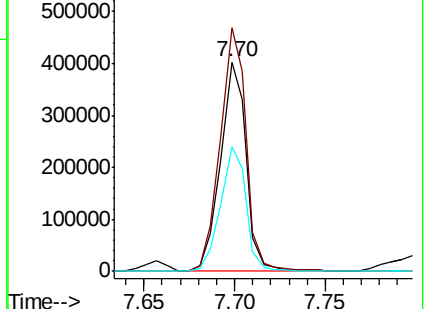
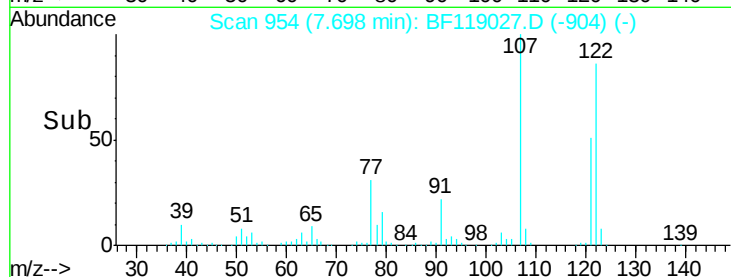
121 59.3 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.611 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

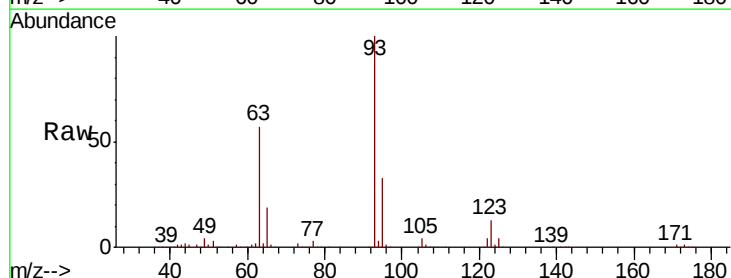
Tgt Ion: 93 Resp: 630236

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

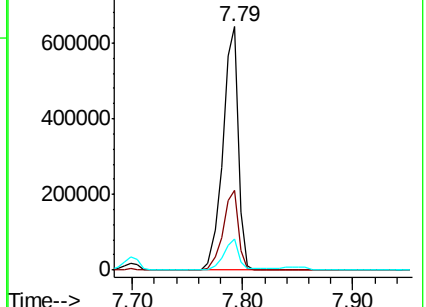
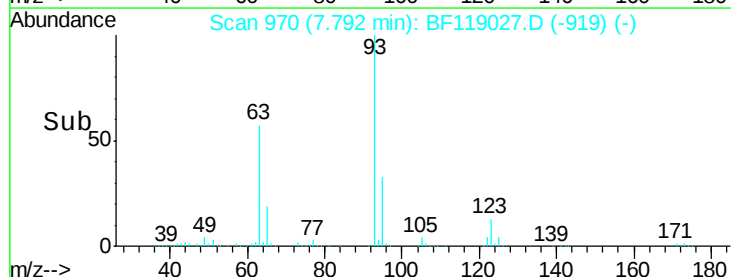
123 12.8 9.8 14.8

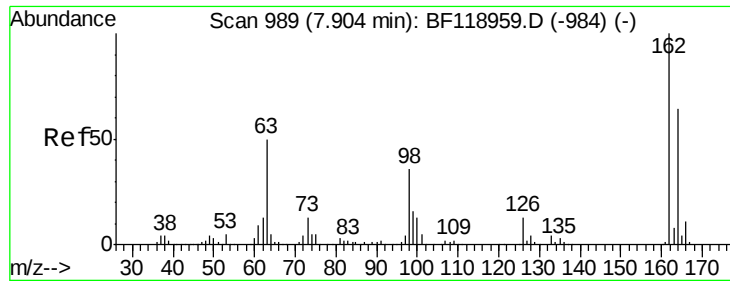


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

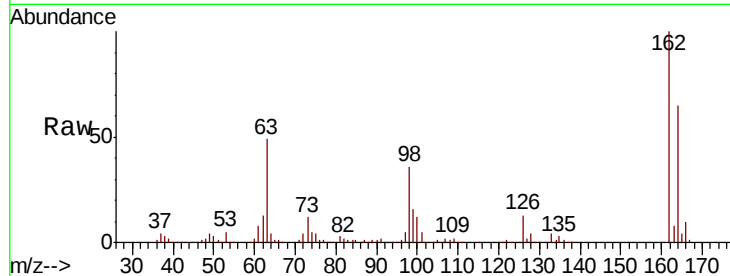




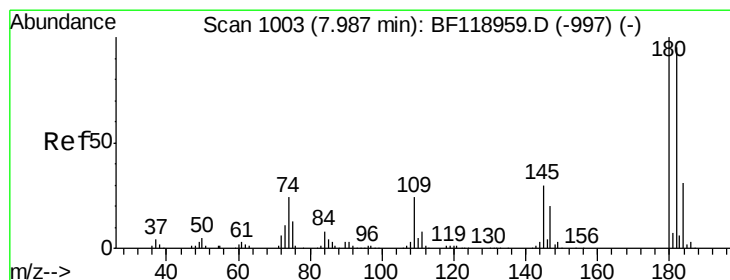
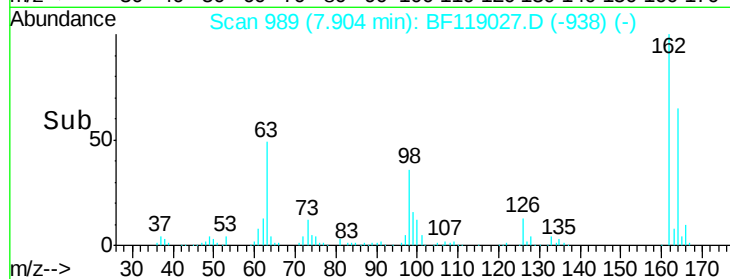
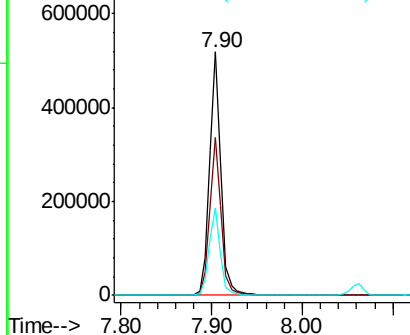
#29
2,4-Dichlorophenol
Concen: 40.508 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.1	84.1
98	35.9	16.4	56.4

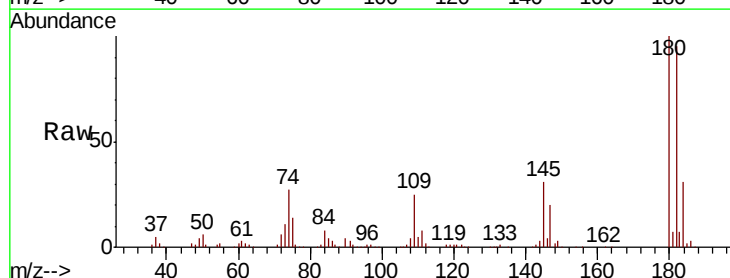


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

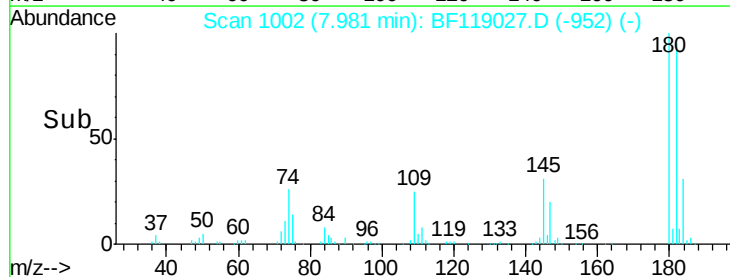
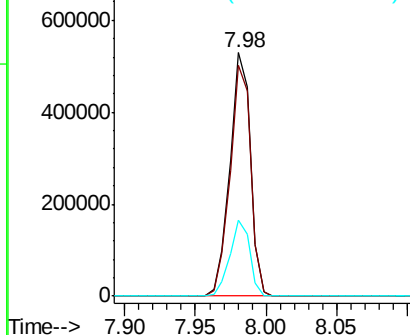


#30
1,2,4-Trichlorobenzene
Concen: 39.317 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.8
145	31.2	24.2	36.2



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: 39.643 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

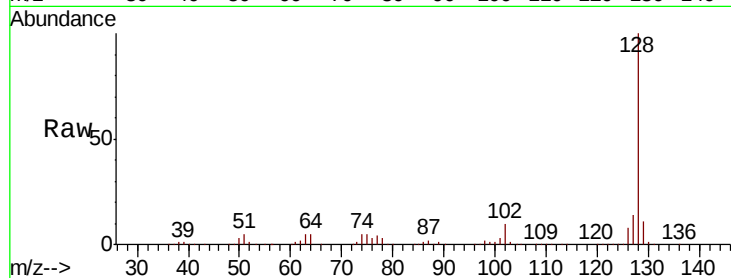
Tot Ion:128 Resp: 1490288

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

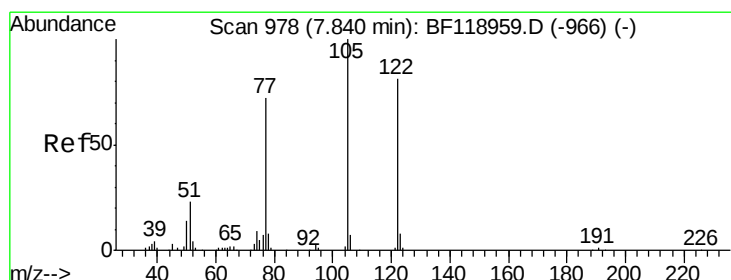
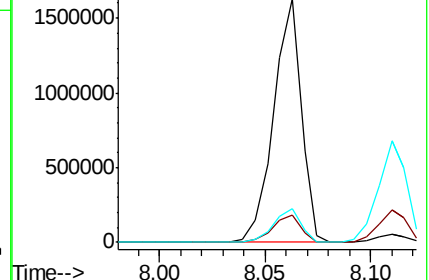
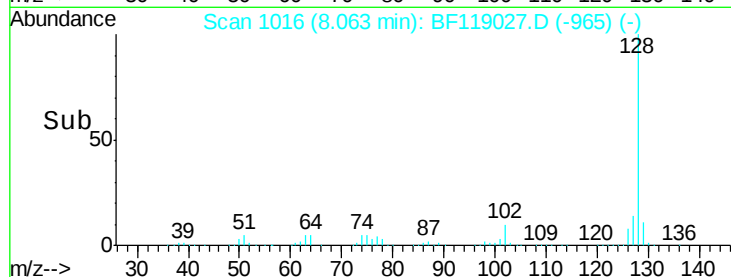
127 13.9 10.9 16.3



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: 42.303 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

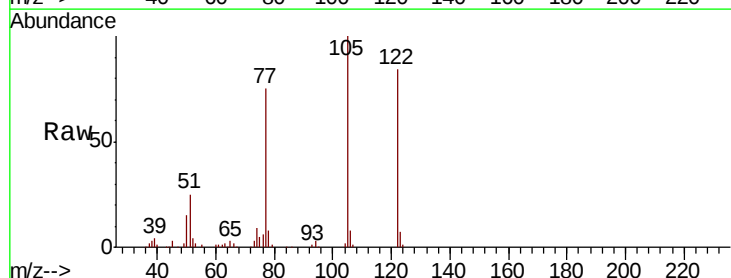
Tgt Ion:122 Resp: 294783

Ion Ratio Lower Upper

122 100

105 119.3 102.2 142.2

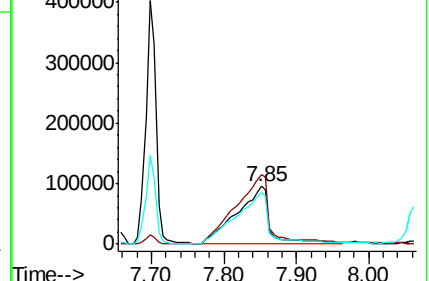
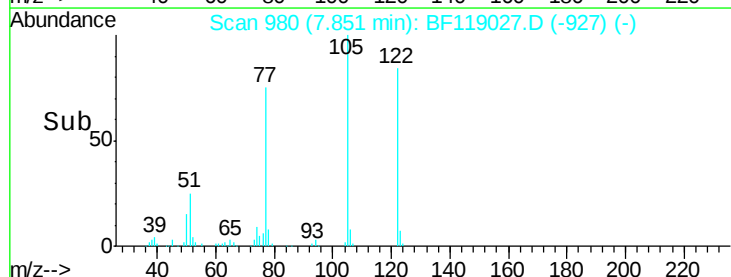
77 89.4 68.6 108.6



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

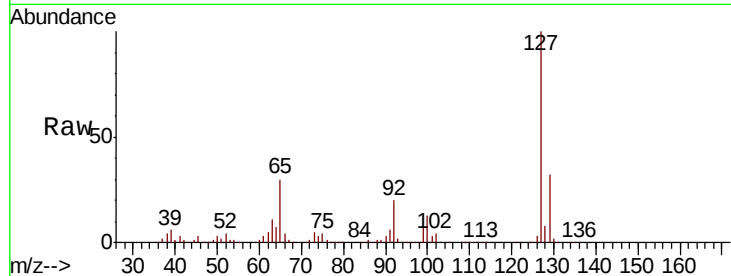




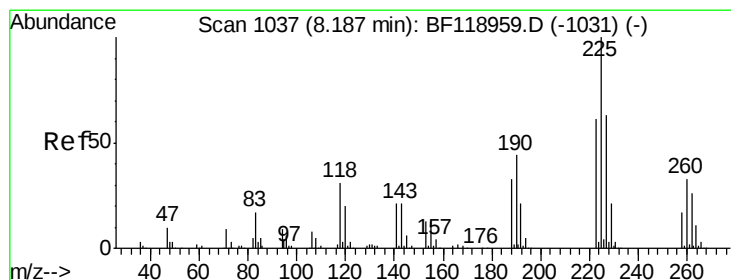
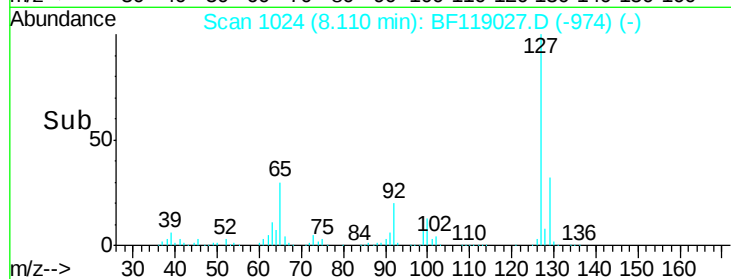
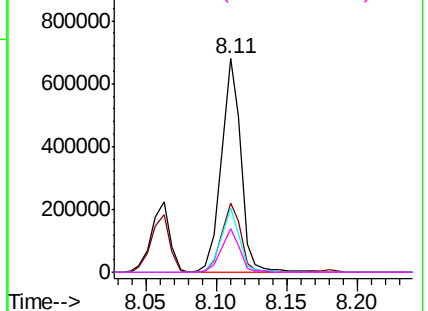
#33
4-Chloroaniline
Concen: 40.007 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	646871
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	29.9	22.0	33.0
92	20.2	15.5	23.3

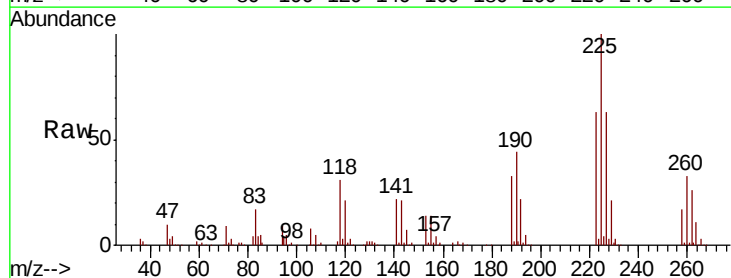


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

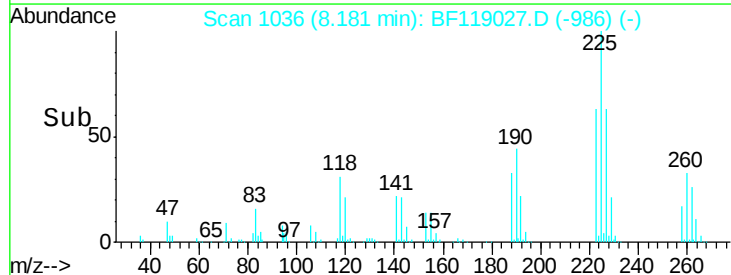
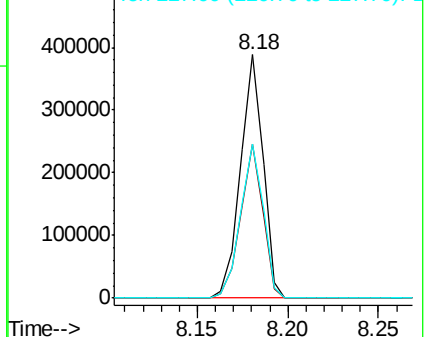


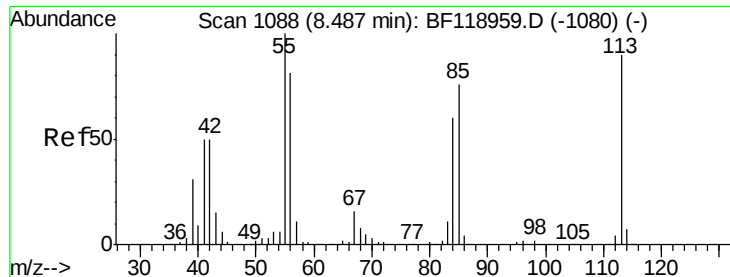
#34
Hexachlorobutadiene
Concen: 39.583 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion:	225	Resp:	335973
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.9	73.3
227	63.4	50.4	75.6



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

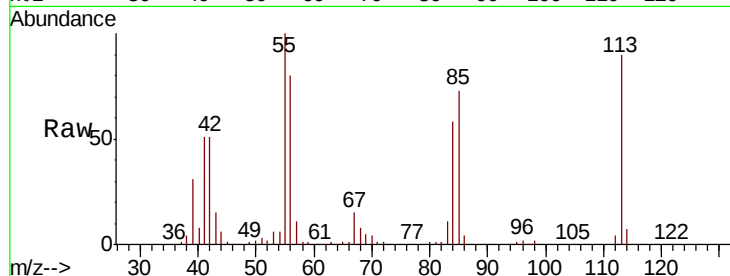




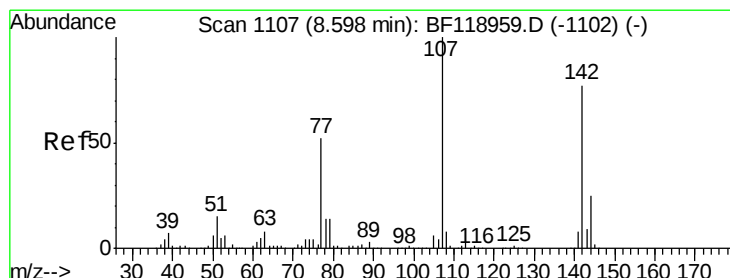
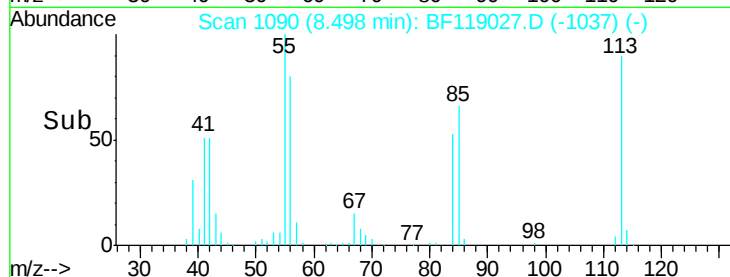
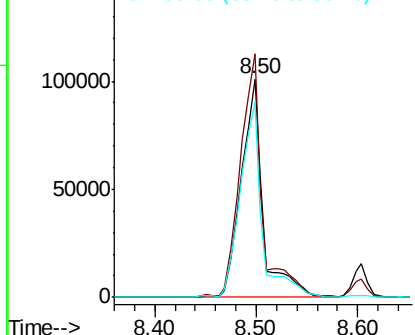
#35
Caprolactam
Concen: 43.141 ng
RT: 8.50 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 152669
Ion Ratio Lower Upper
113 100
55 111.5 90.8 130.8
56 89.0 70.0 110.0

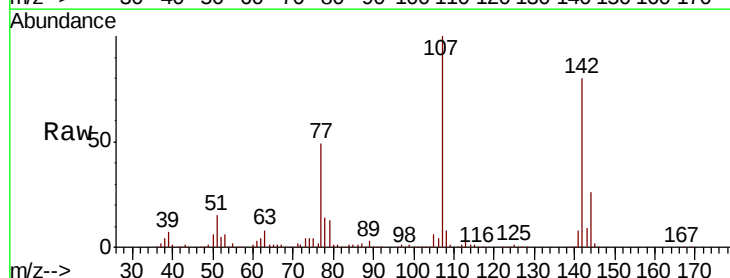


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

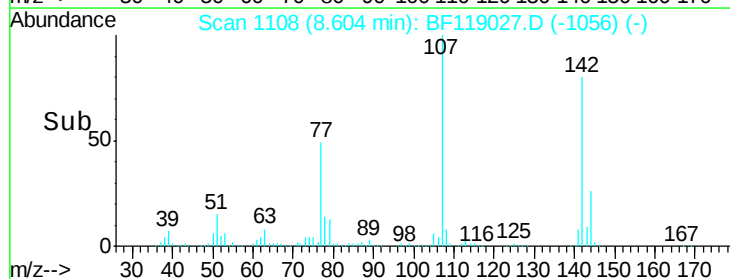
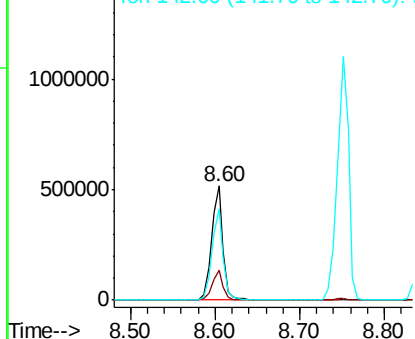


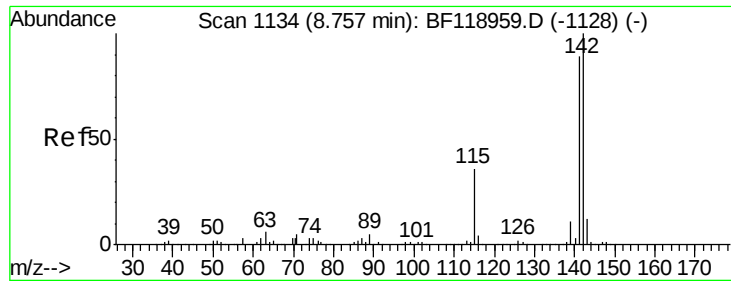
#36
4-Chloro-3-methylphenol
Concen: 42.031 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion:107 Resp: 488878
Ion Ratio Lower Upper
107 100
144 26.0 19.8 29.8
142 79.8 61.3 91.9



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

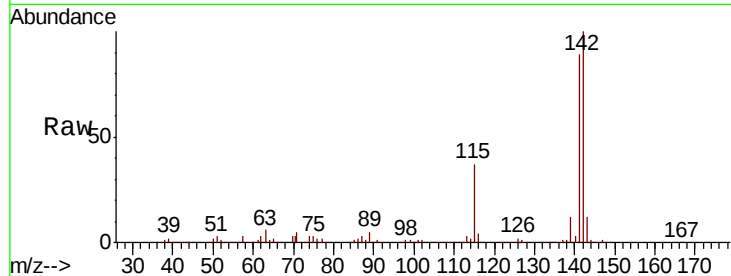




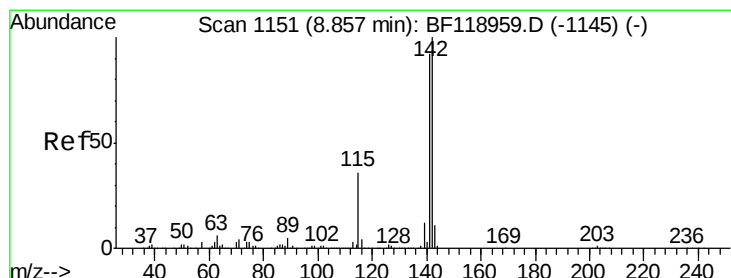
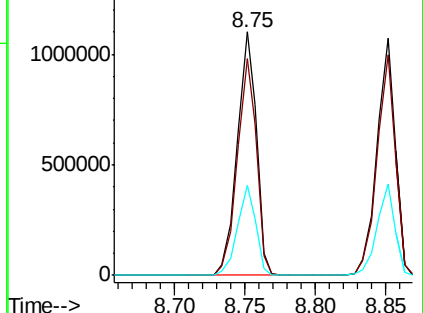
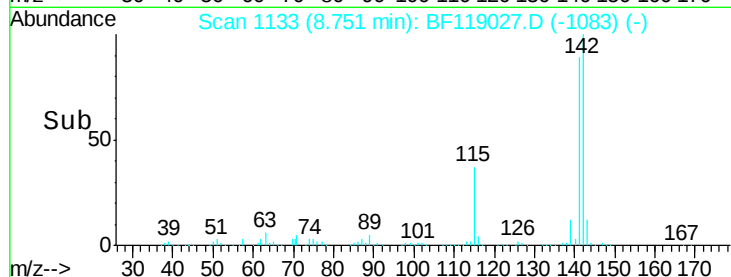
#37
2-Methylnaphthalene
Concen: 41.032 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1038059
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4
115 36.8 28.6 42.8

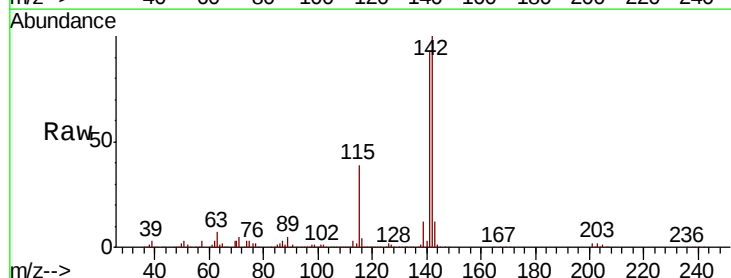


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

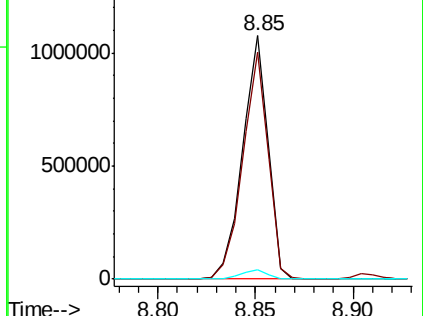
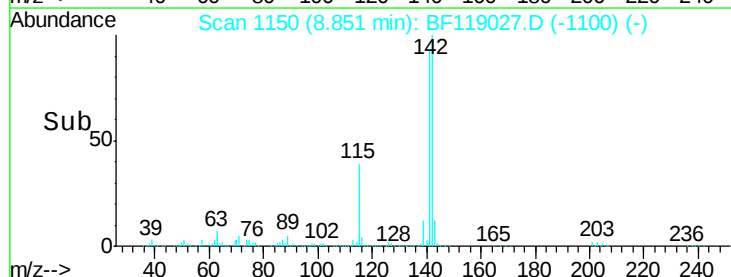


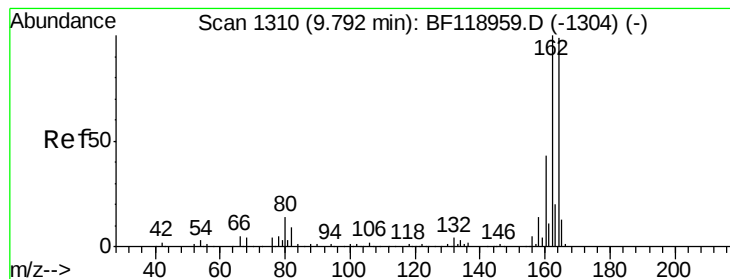
#38
1-Methylnaphthalene
Concen: 40.702 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion:142 Resp: 968385
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5
116 4.0 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: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

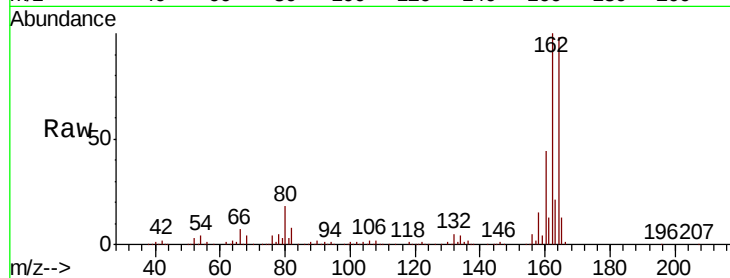
Tot Ion:164 Resp: 417056

Ion Ratio Lower Upper

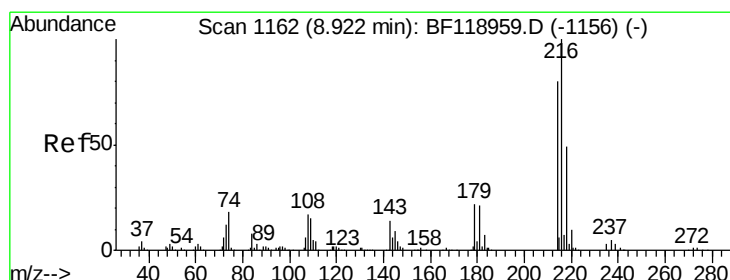
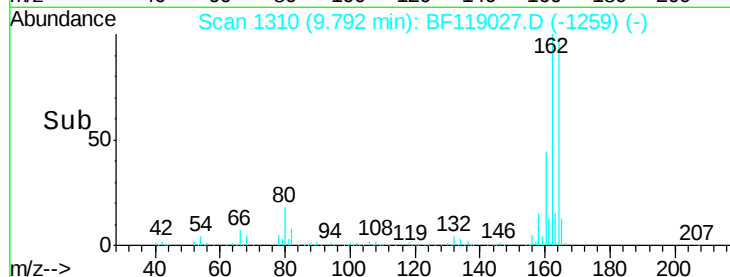
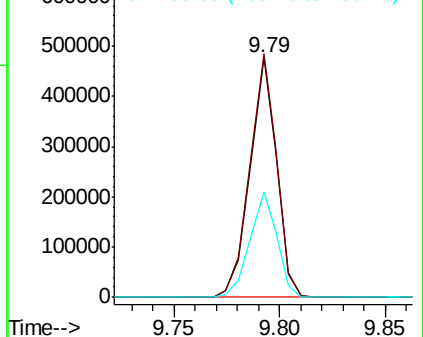
164 100

162 101.6 81.2 121.8

160 44.2 35.2 52.8



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.668 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Tgt Ion:216 Resp: 543732

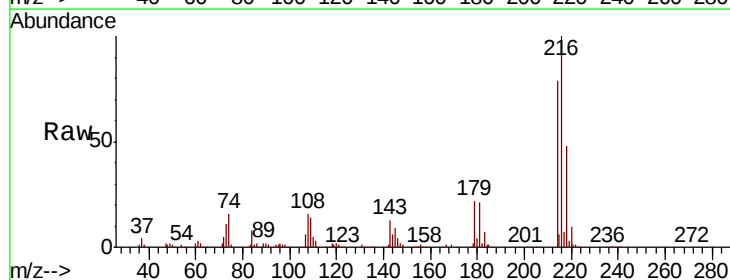
Ion Ratio Lower Upper

216 100

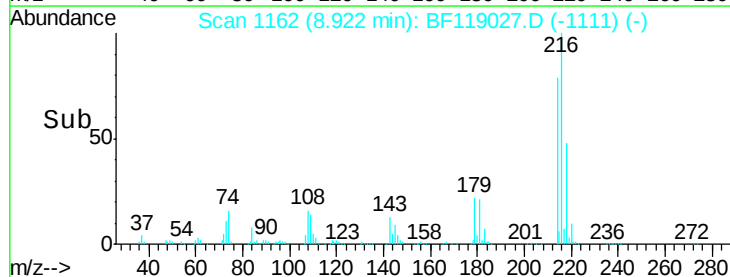
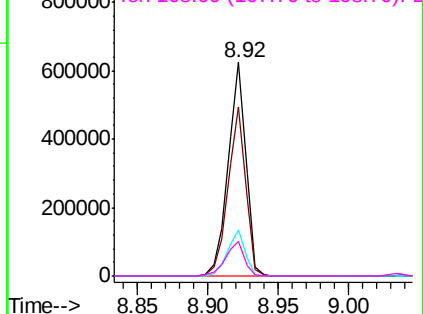
214 78.6 63.1 94.7

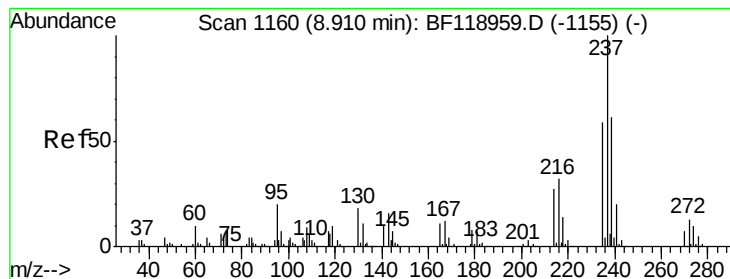
179 21.5 17.2 25.8

108 17.0 13.4 20.0



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





#41

Hexachlorocyclopentadiene

Concen: 38.939 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampled :

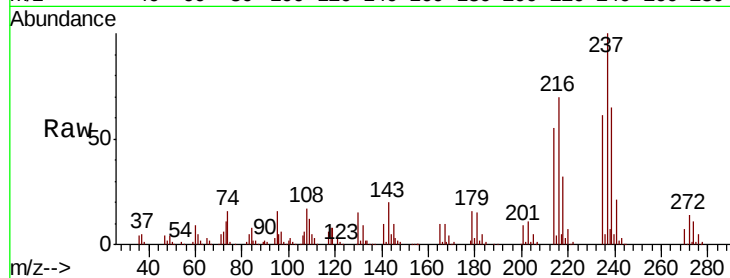
Tot Ion:237 Resp: 171341

Ion Ratio Lower Upper

237 100

235 61.3 39.4 79.4

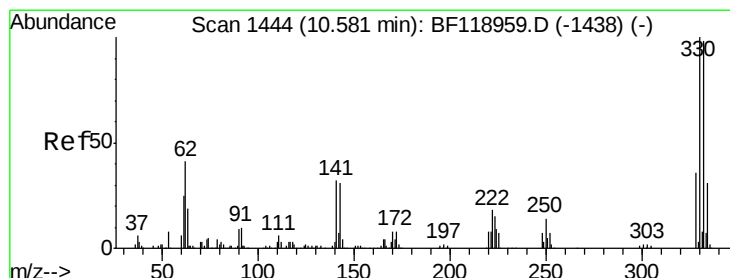
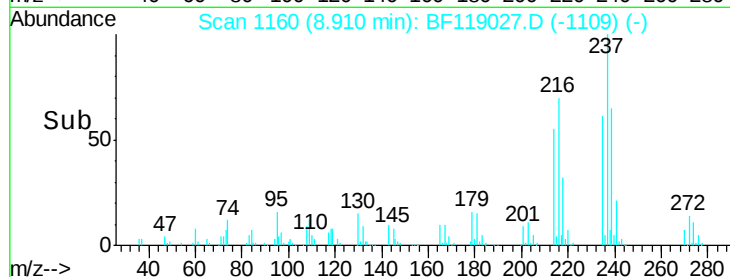
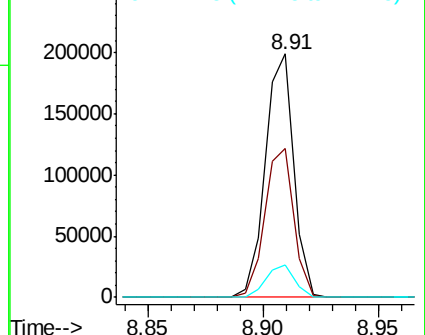
272 13.5 0.0 32.6



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: 84.040 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

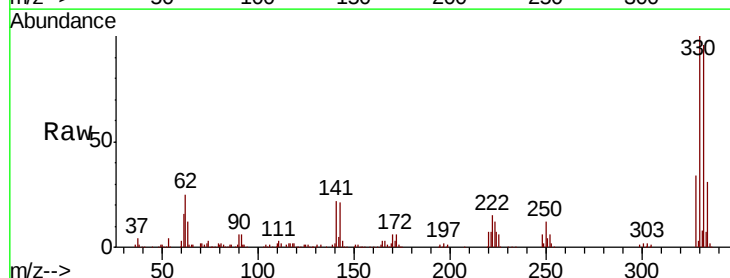
Tgt Ion:330 Resp: 458507

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

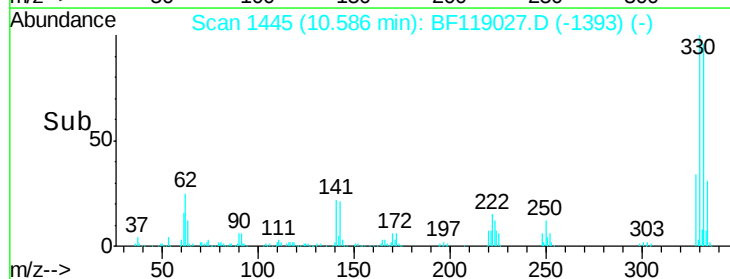
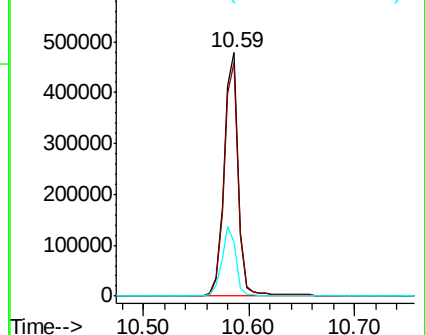
141 28.6 23.0 34.6

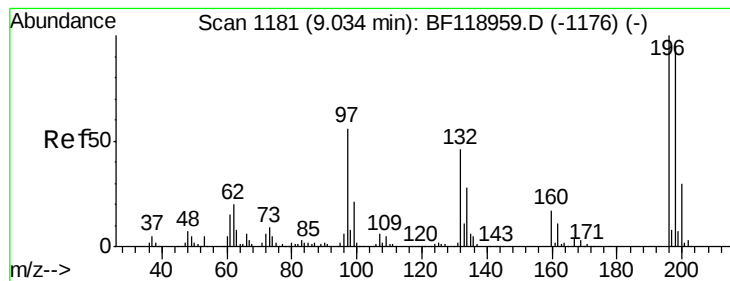


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.854 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampled :

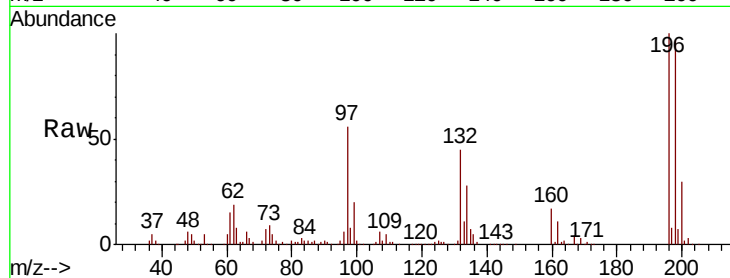
Tot Ion:196 Resp: 353887

Ion Ratio Lower Upper

196 100

198 97.4 75.8 113.6

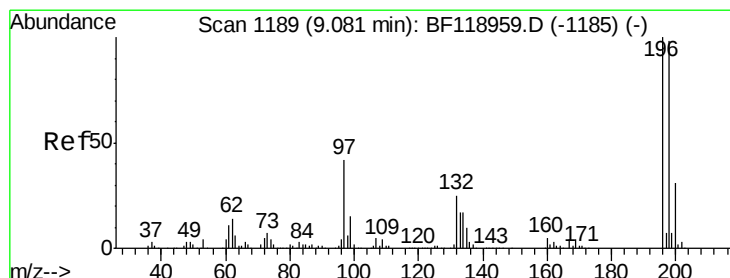
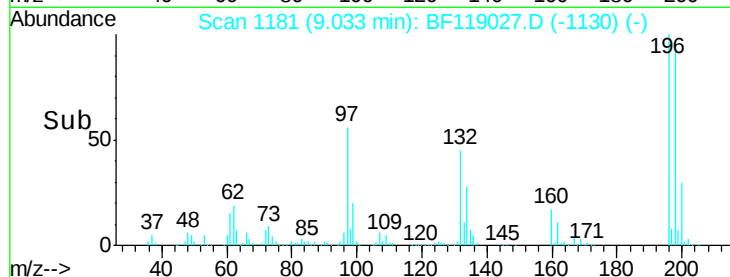
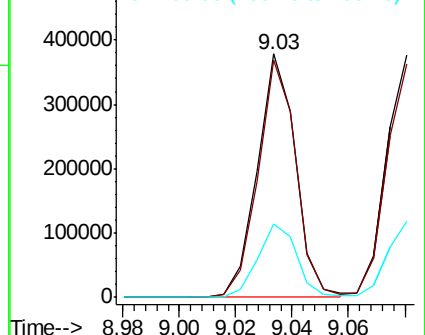
200 30.0 24.1 36.1



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: 39.929 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Tgt Ion:196 Resp: 372060

Ion Ratio Lower Upper

196 100

198 96.2 78.4 117.6

97 46.2 33.4 50.0

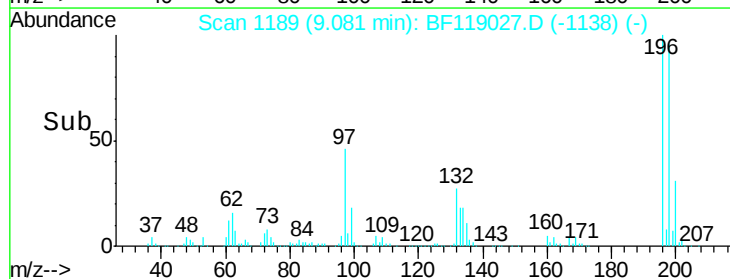
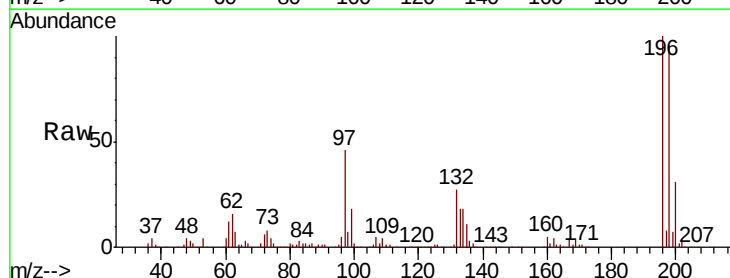
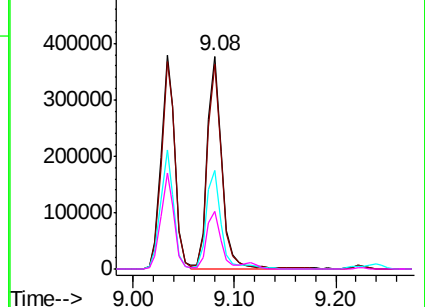
132 27.1 20.6 30.8

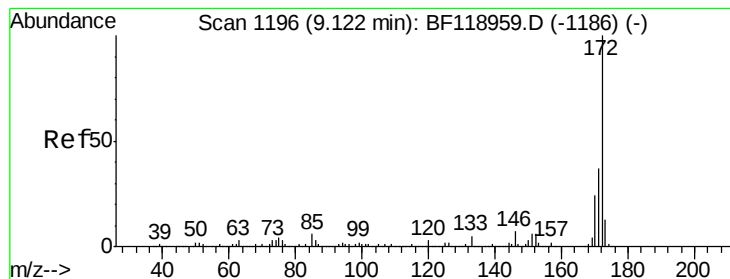
Abundance Ion 196.00 (195.70 to 196.70): E

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: 75.454 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

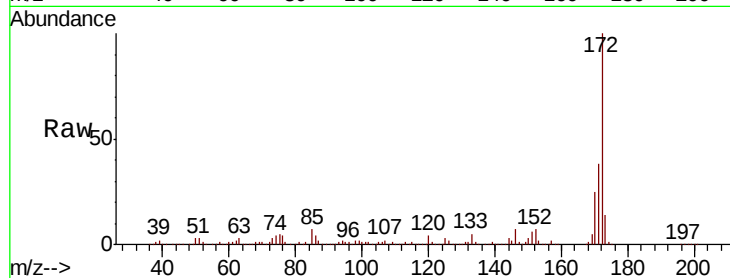
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 2136112

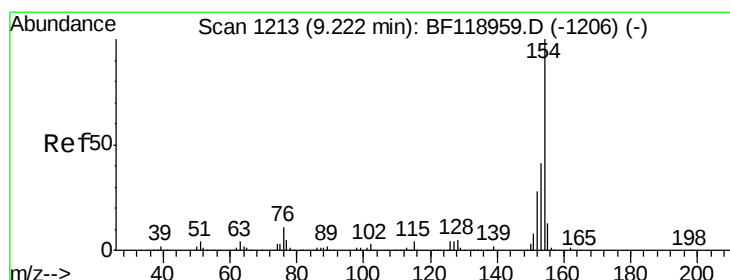
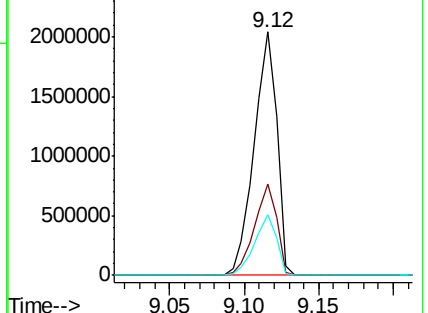
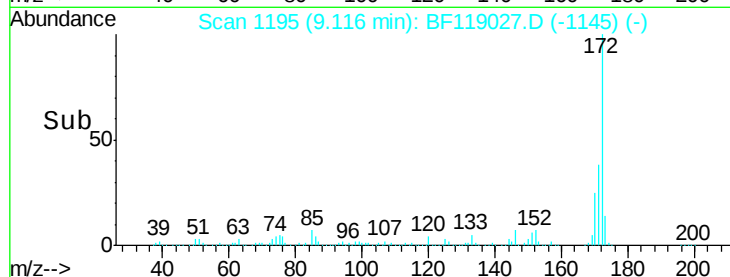
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.2
170	24.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.964 ng

RT: 9.22 min Scan# 1212

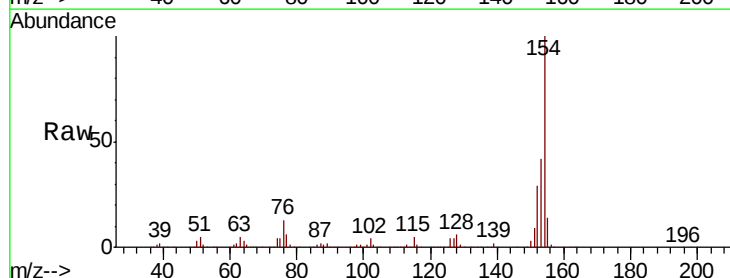
Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Tgt Ion:154 Resp: 1313353

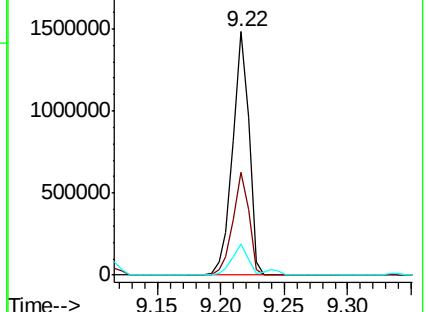
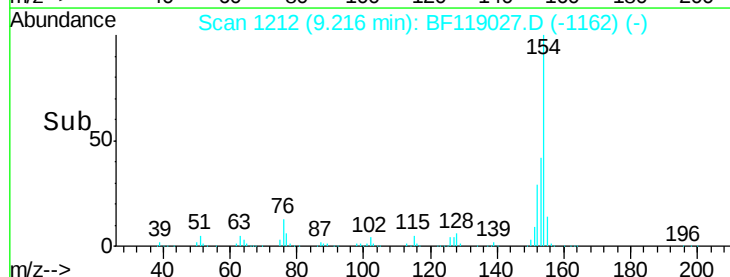
Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.2	61.2
76	12.7	0.0	31.1

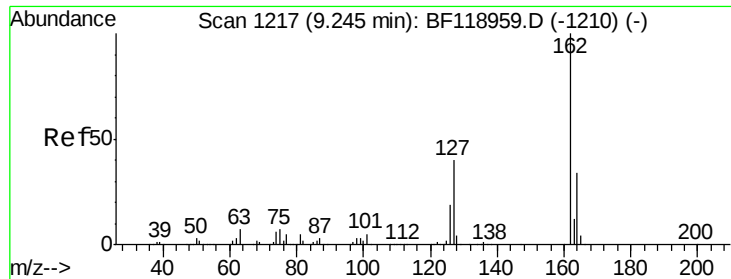


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

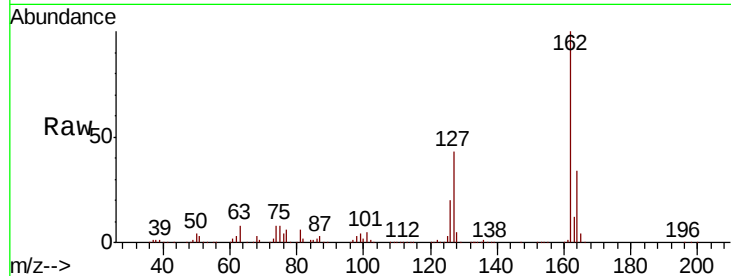




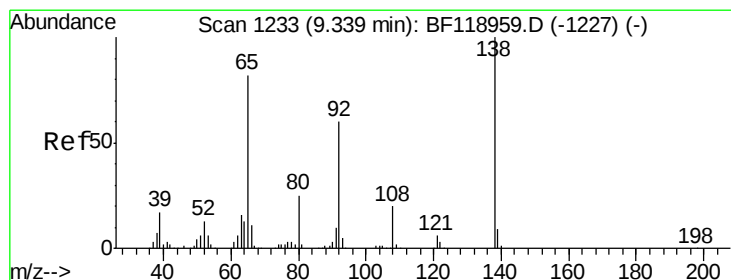
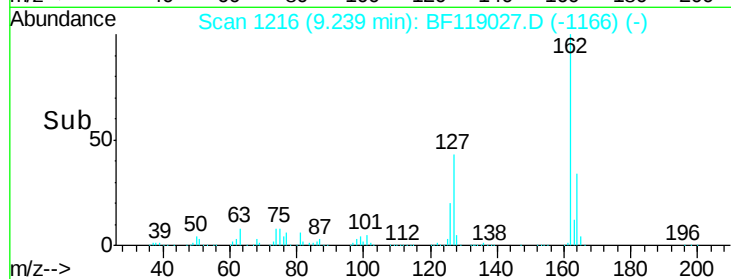
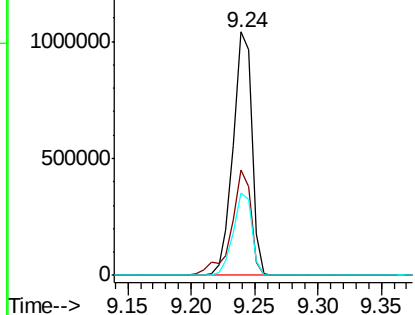
#47
2-Chloronaphthalene
Concen: 39.073 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1061311
Ion Ratio Lower Upper
162 100
127 43.1 31.9 47.9
164 33.7 26.8 40.2

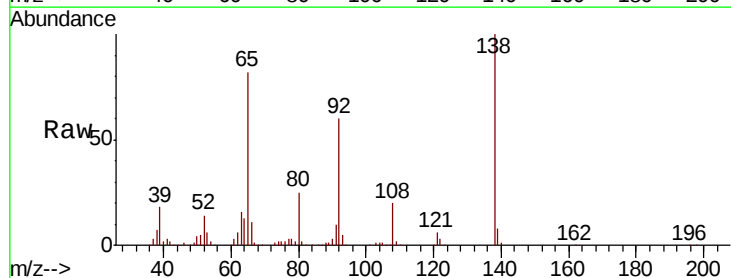


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

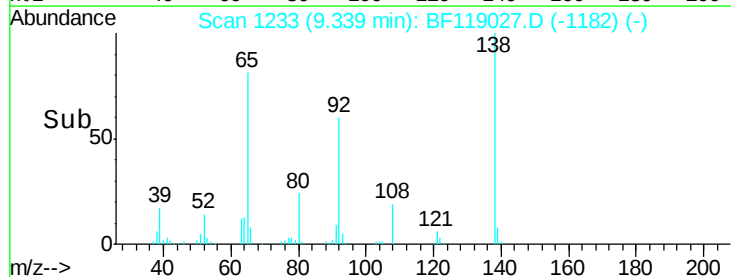
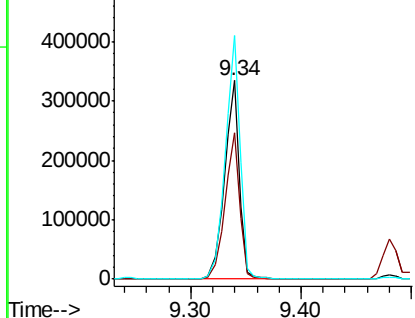


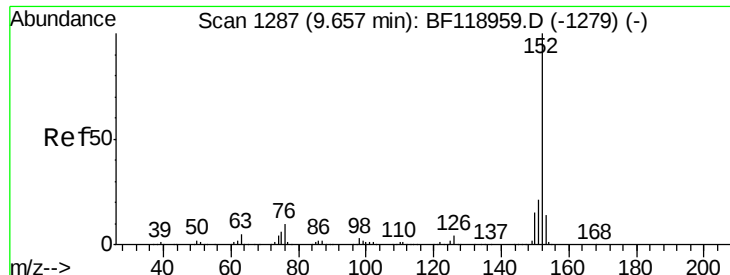
#48
2-Nitroaniline
Concen: 41.419 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion: 65 Resp: 313793
Ion Ratio Lower Upper
65 100
92 73.7 58.6 87.8
138 122.6 97.5 146.3



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: 39.766 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

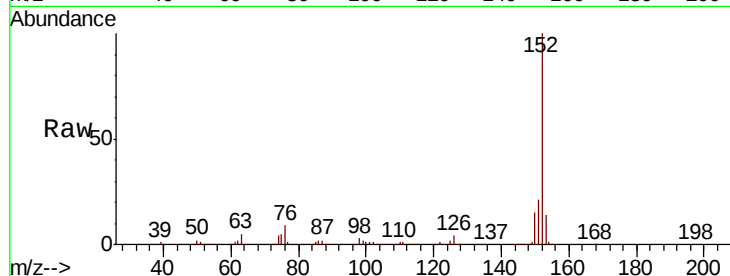
Tot Ion:152 Resp: 1560037

Ion Ratio Lower Upper

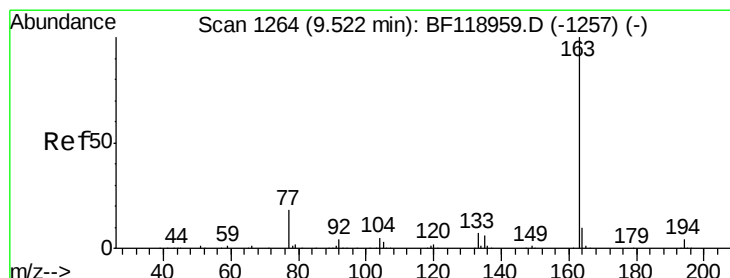
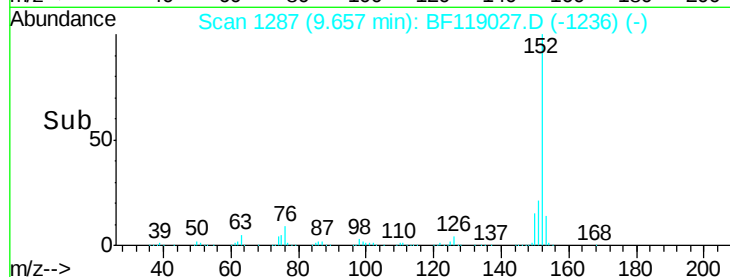
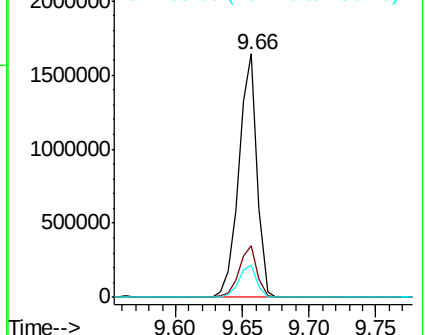
152 100

151 21.0 16.7 25.1

153 13.6 10.9 16.3



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



#50

Dimethylphthalate

Concen: 41.323 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

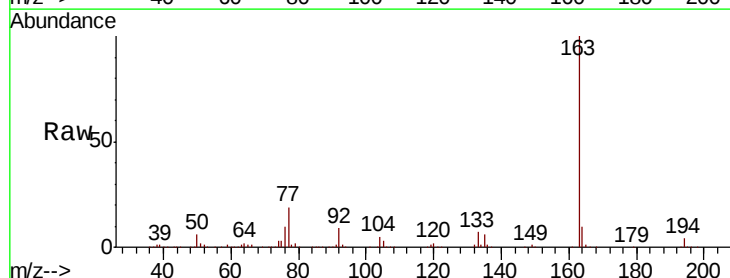
Tgt Ion:163 Resp: 1317846

Ion Ratio Lower Upper

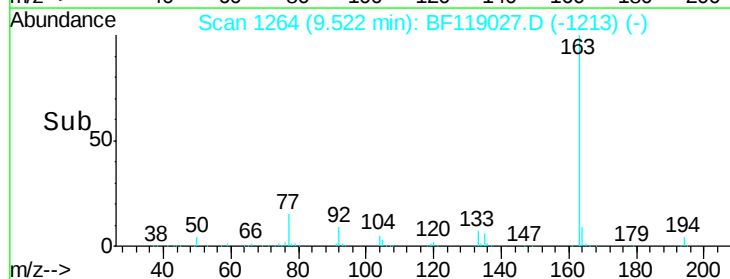
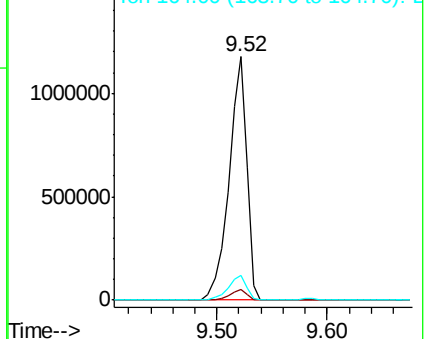
163 100

194 4.4 3.4 5.2

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

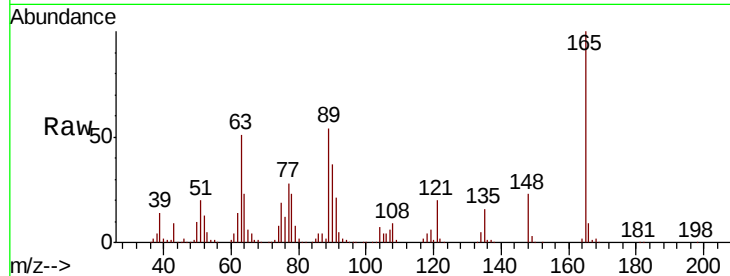




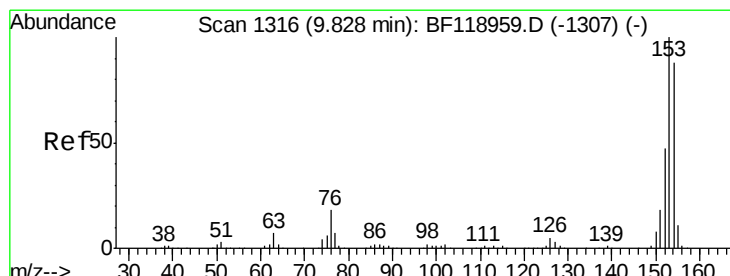
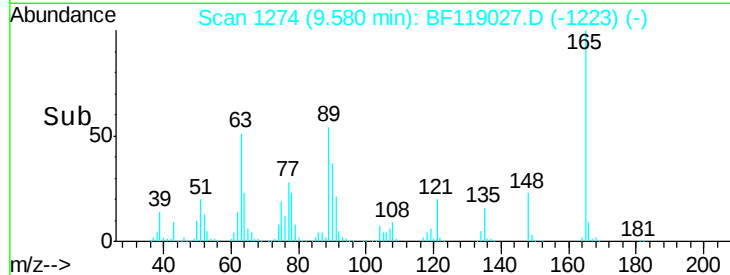
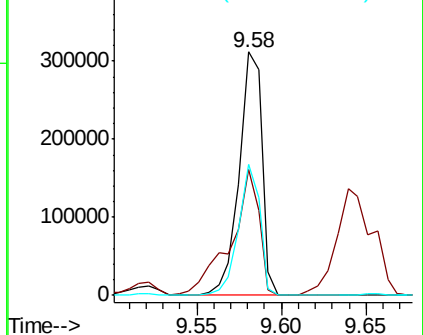
#51
 2,6-Dinitrotoluene
 Concen: 41.492 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF119027.D
 Acq: 24 Feb 2020 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 293984
 Ion Ratio Lower Upper
 165 100
 63 51.5 37.9 56.9
 89 53.8 41.4 62.0

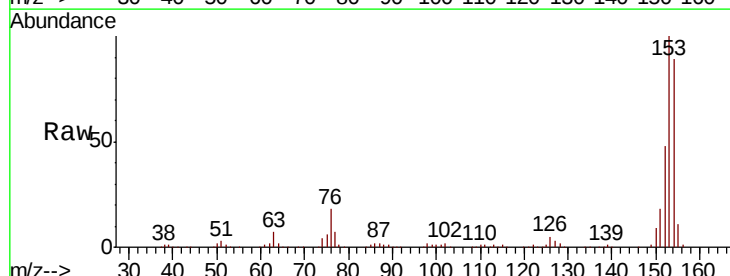


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

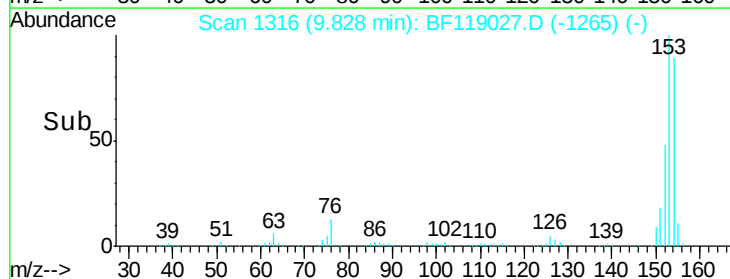
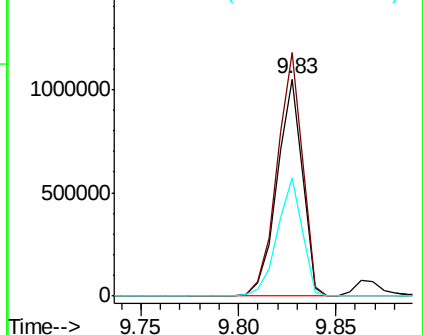


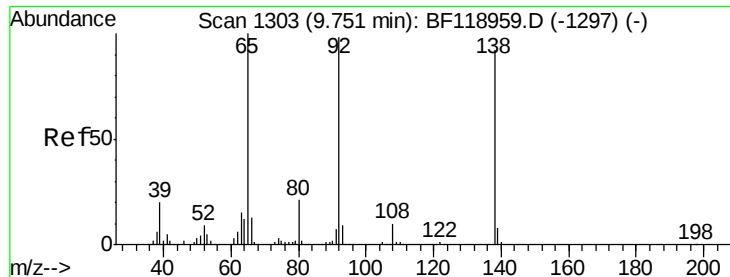
#52
 Acenaphthene
 Concen: 39.879 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF119027.D
 Acq: 24 Feb 2020 17:47

Tgt Ion:154 Resp: 943368
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.4 135.6
 152 54.2 42.9 64.3



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

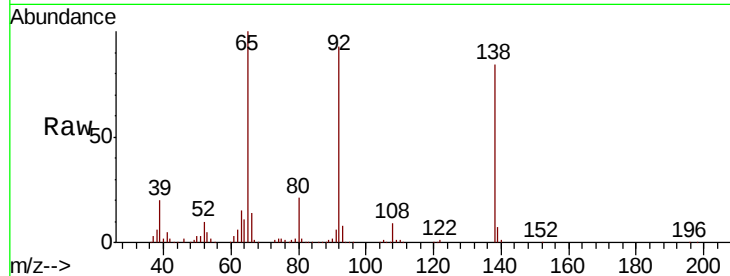




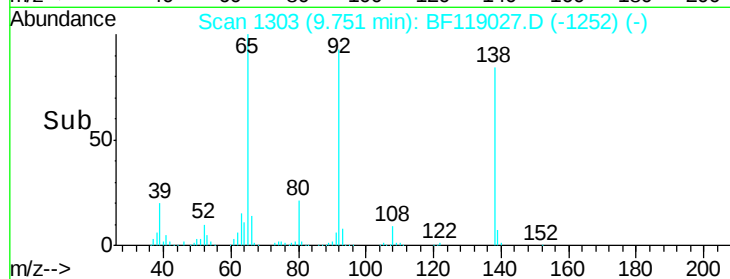
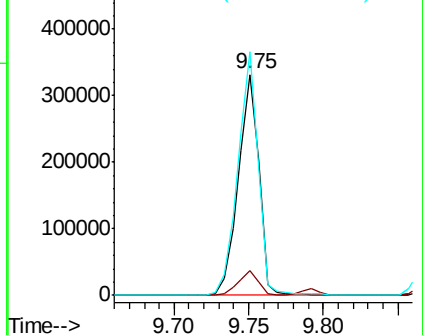
#53
3-Nitroaniline
Concen: 41.044 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 322401
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 110.4 84.6 127.0

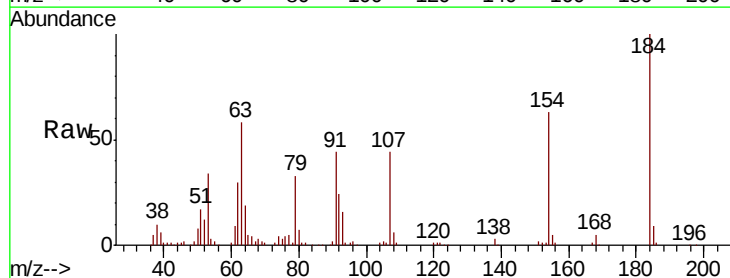


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

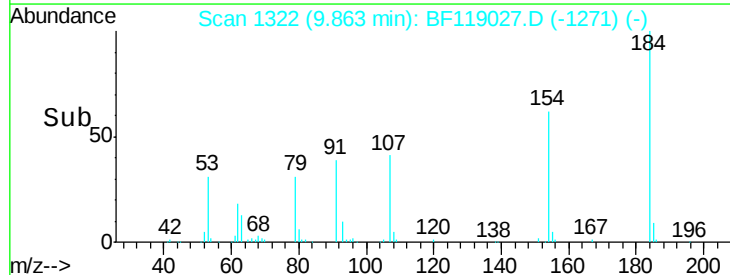
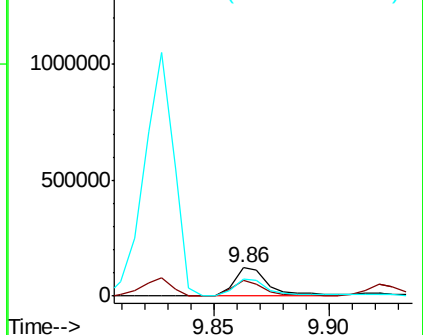


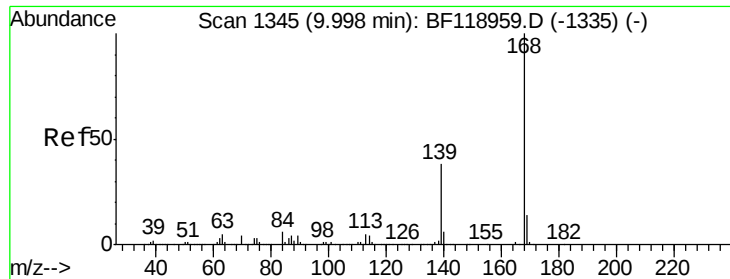
#54
2,4-Dinitrophenol
Concen: 41.774 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion:184 Resp: 130288
Ion Ratio Lower Upper
184 100
63 58.0 37.8 56.6#
154 62.8 47.6 71.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

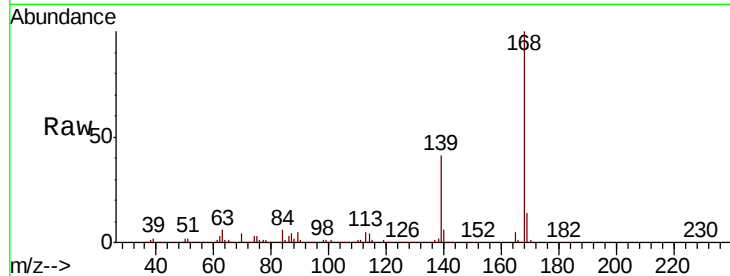




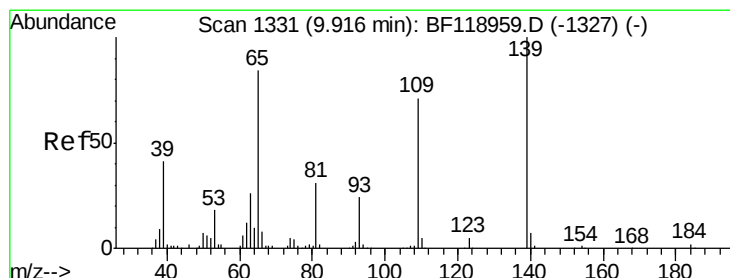
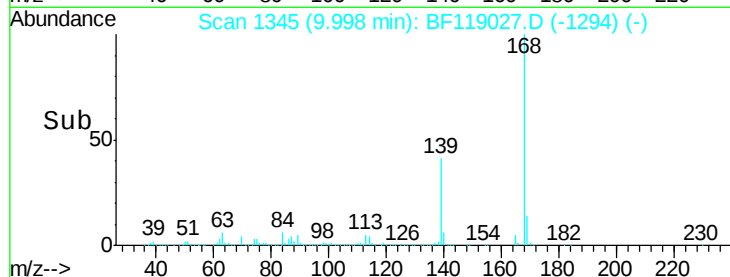
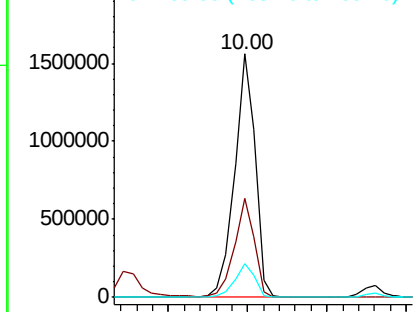
#55
Dibenzofuran
Concen: 39.588 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1397792
Ion Ratio Lower Upper
168 100
139 40.7 31.7 47.5
169 14.0 11.0 16.4

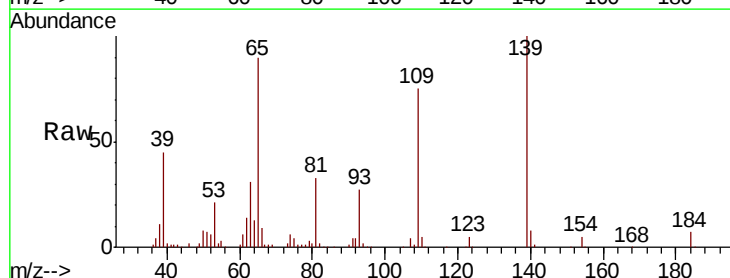


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

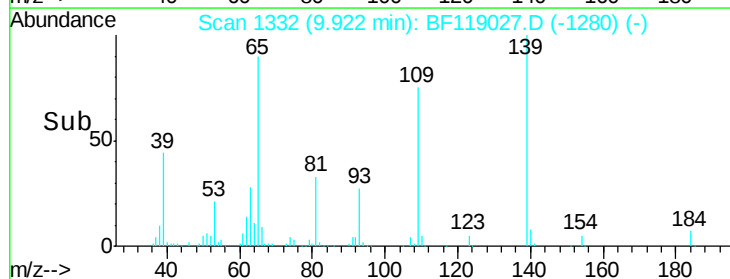
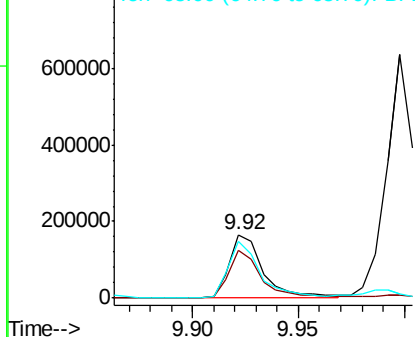


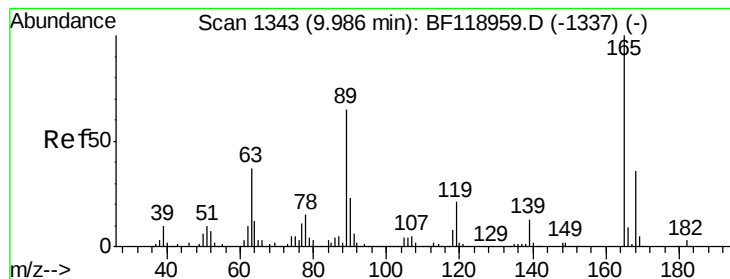
#56
4-Nitrophenol
Concen: 39.005 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion:139 Resp: 184083
Ion Ratio Lower Upper
139 100
109 75.4 51.1 91.1
65 90.3 64.7 104.7



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





#57

2,4-Dinitrotoluene

Concen: 41.210 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 378471

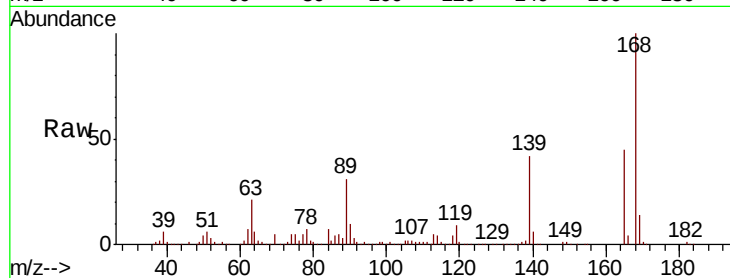
Ion Ratio Lower Upper

165 100

63 45.7 29.8 44.8#

89 68.3 51.9 77.9

182 3.3 2.3 3.5

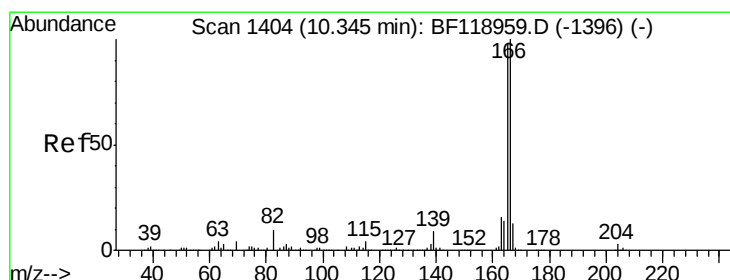
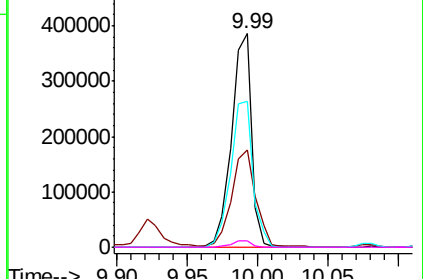
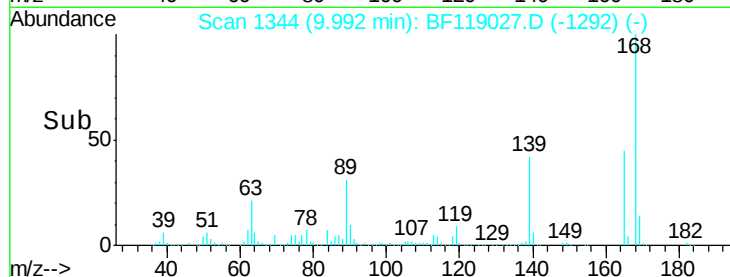


Abundance Ion 165.00 (164.70 to 165.70): E

600000 Ion 63.00 (62.70 to 63.70): BF1

500000 Ion 89.00 (88.70 to 89.70): BF1

400000 Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.752 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

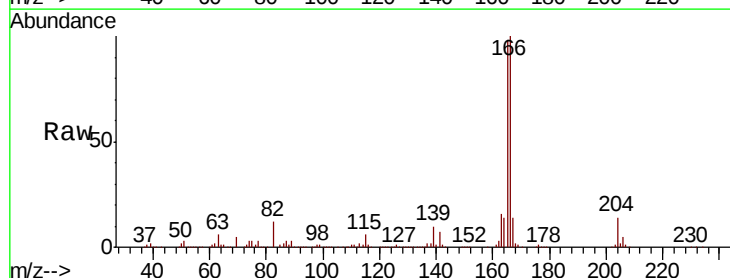
Tgt Ion:166 Resp: 1118090

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

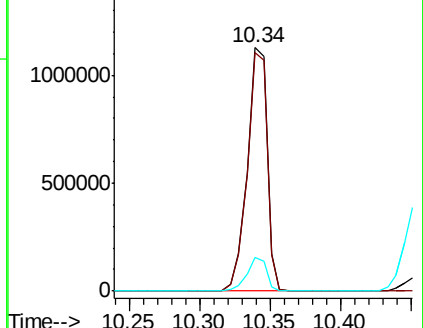
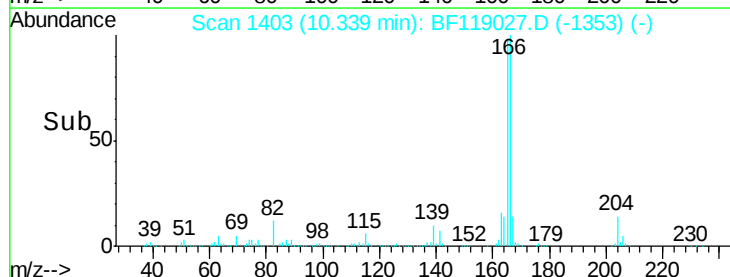
167 13.9 10.6 16.0

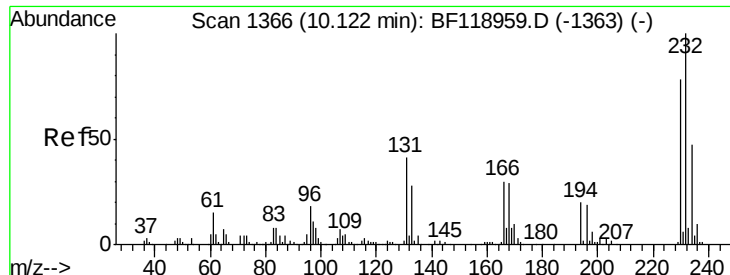


Abundance Ion 166.00 (165.70 to 166.70): E

1500000 Ion 165.00 (164.70 to 165.70): E

1000000 Ion 167.00 (166.70 to 167.70): E

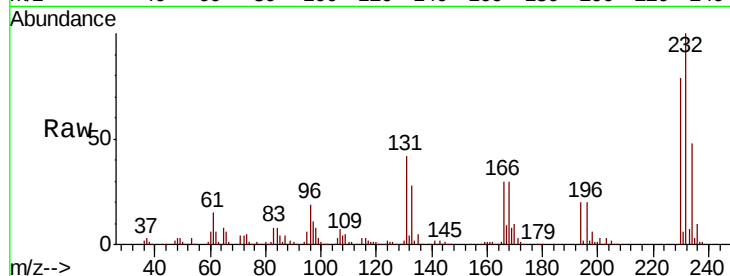




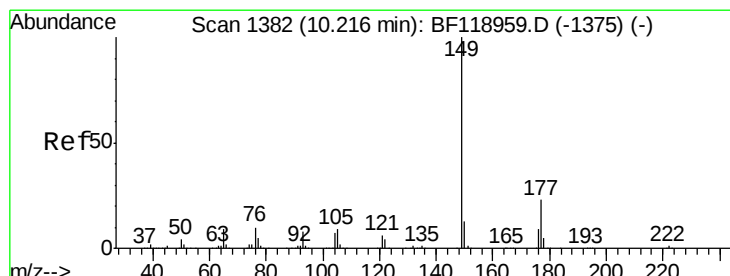
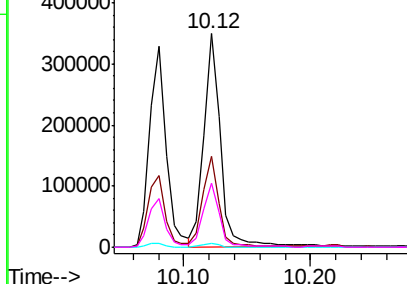
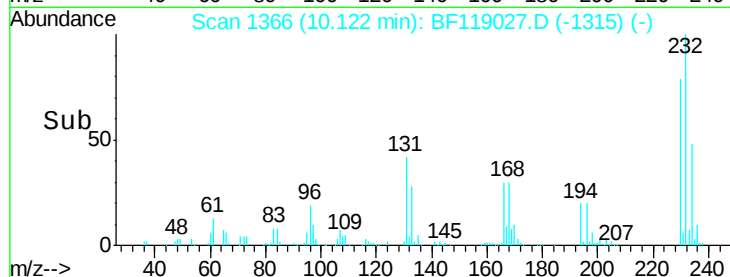
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.564 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119027.D
 Acq: 24 Feb 2020 17:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 318930
 Ion Ratio Lower Upper
 232 100
 131 40.8 34.0 51.0
 130 2.1 1.6 2.4
 166 28.8 23.6 35.4

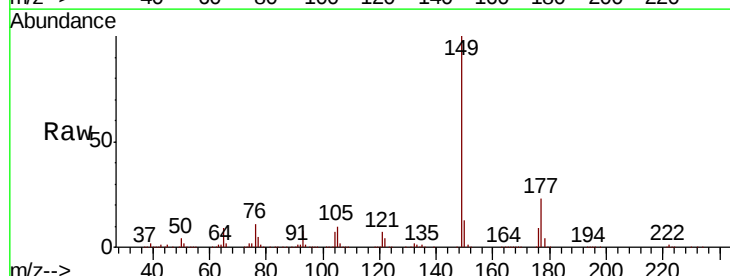


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

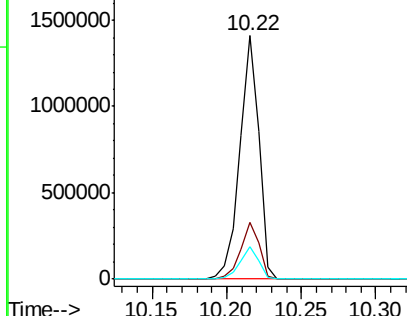
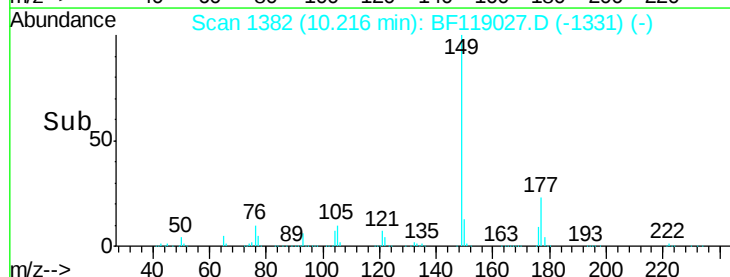


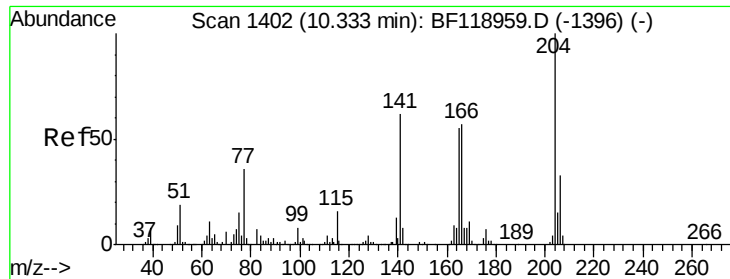
#60
 Diethylphthalate
 Concen: 41.796 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119027.D
 Acq: 24 Feb 2020 17:47

Tgt Ion:149 Resp: 1256127
 Ion Ratio Lower Upper
 149 100
 177 23.2 18.1 27.1
 150 13.1 10.4 15.6



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

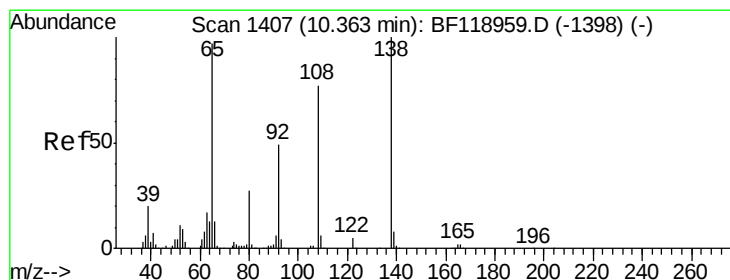
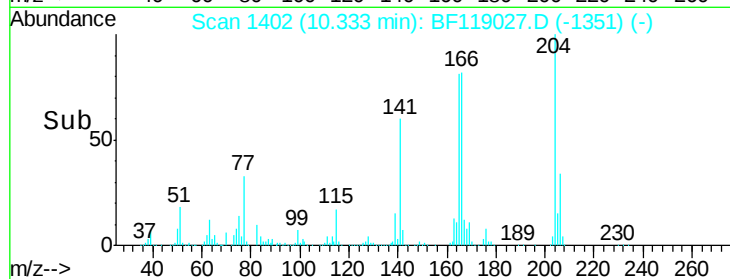
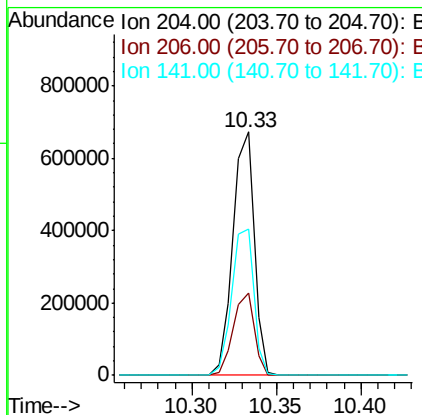
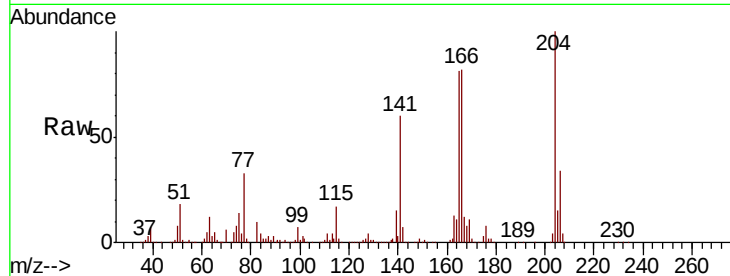




#61
4-Chlorophenyl-phenylether
Concen: 40.742 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

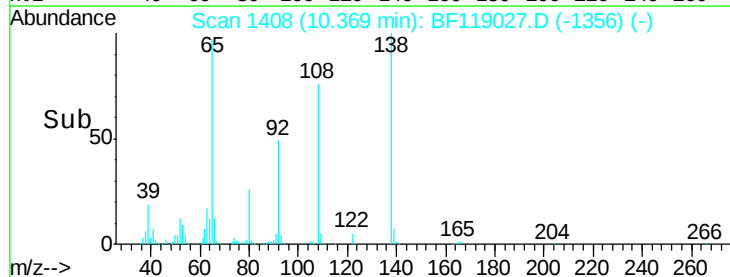
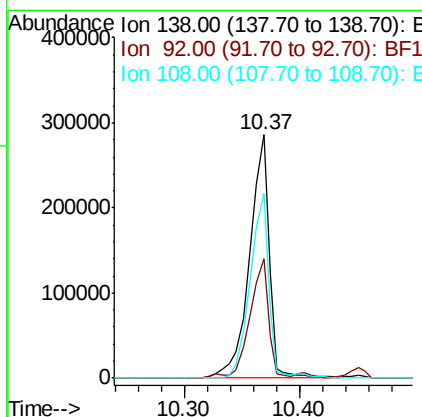
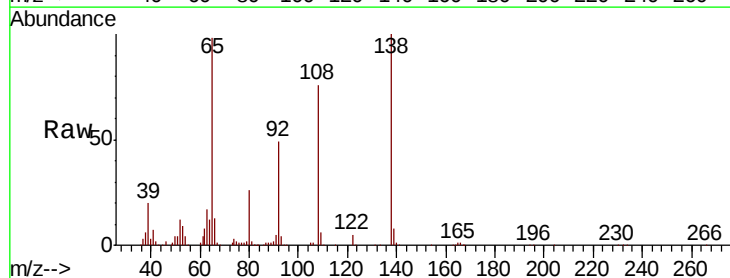
Instrument :
BNA_F
ClientSampleId :

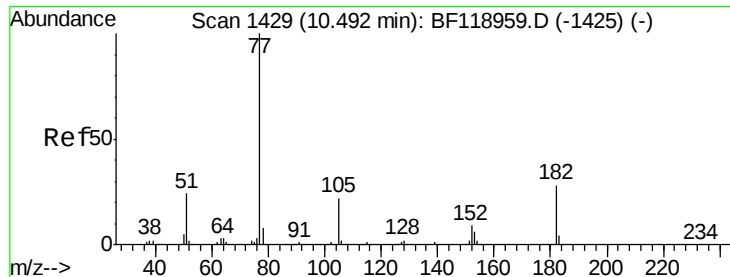
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	59.8	49.5	74.3



#62
4-Nitroaniline
Concen: 42.058 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	28.7	68.7
108	76.1	56.8	96.8





#63

Azobenzene

Concen: 41.009 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1071290

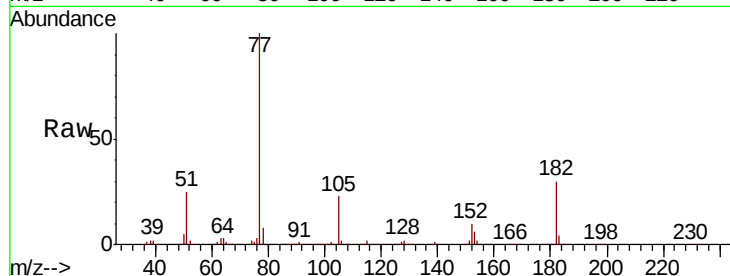
Ion	Ratio	Lower	Upper
77	100		
182	29.8	8.2	48.2
105	23.2	2.3	42.3
51	24.5	3.6	43.6

77 100

182 29.8 8.2 48.2

105 23.2 2.3 42.3

51 24.5 3.6 43.6

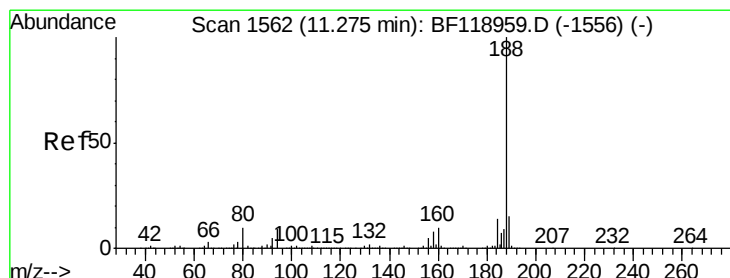
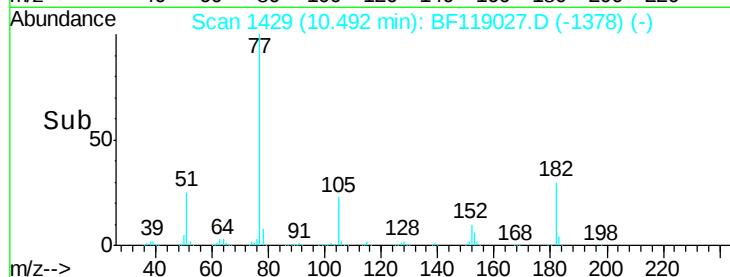
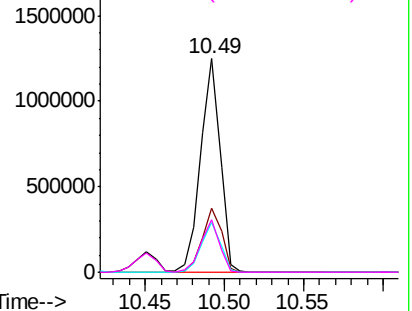


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

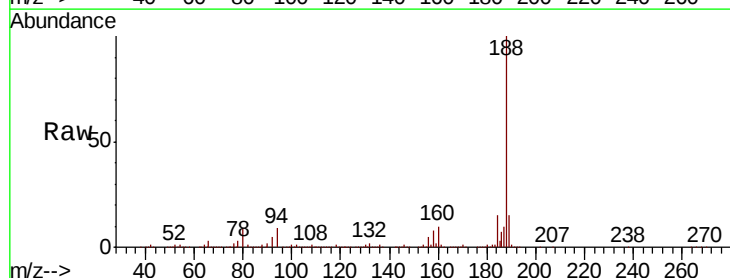
Tgt Ion: 188 Resp: 797183

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.3	7.9	11.9

188 100

94 8.6 7.0 10.6

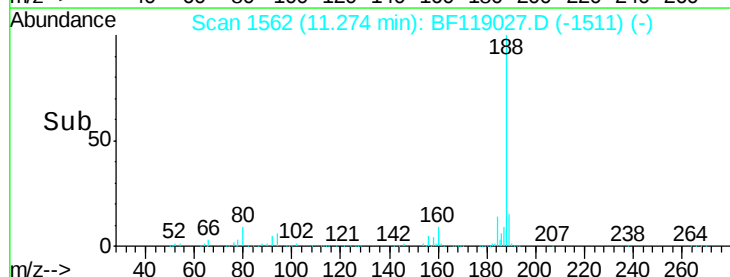
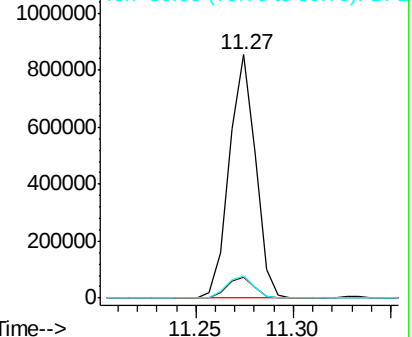
80 9.3 7.9 11.9

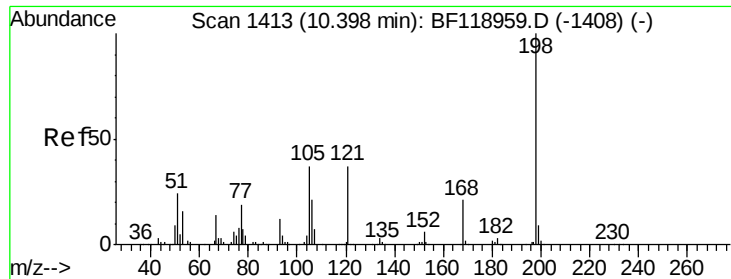


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.646 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

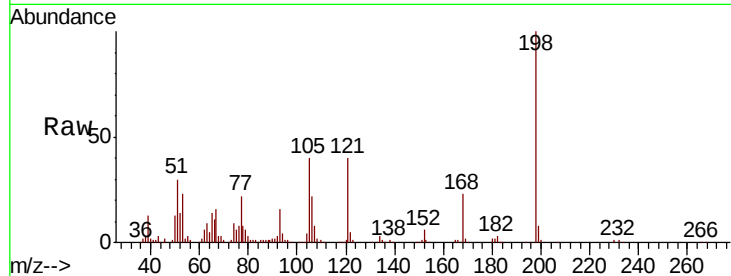
Tot Ion:198 Resp: 205720

Ion Ratio Lower Upper

198 100

51 29.8 7.1 47.1

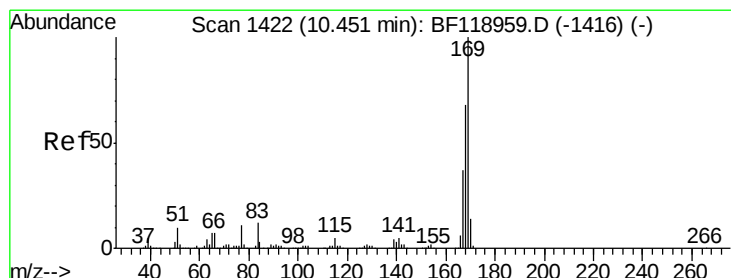
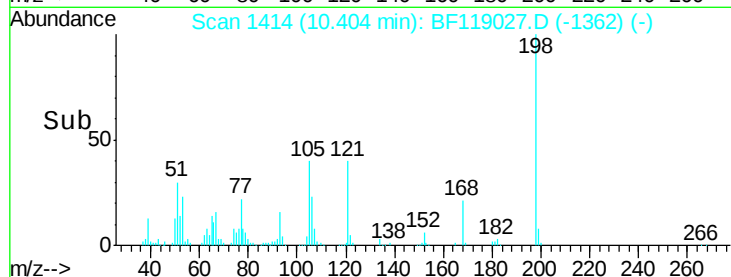
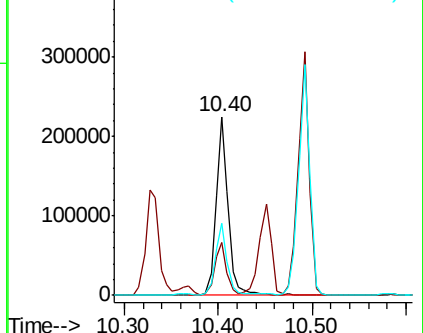
105 40.1 18.3 58.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.554 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

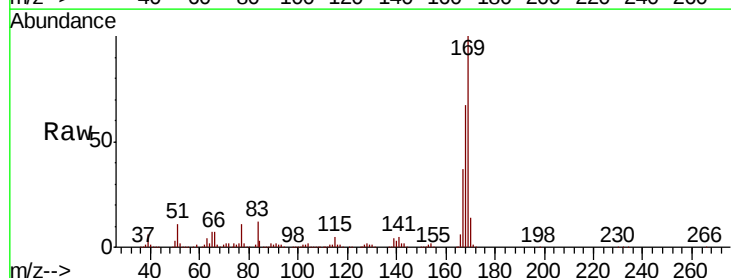
Tgt Ion:169 Resp: 1032456

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

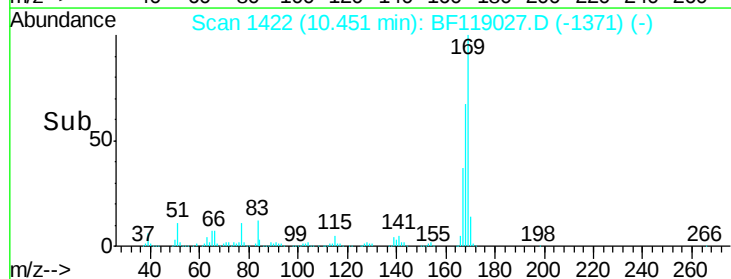
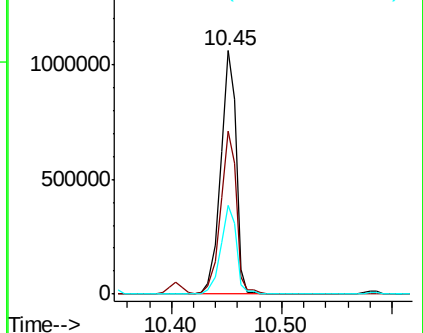
167 36.7 29.4 44.2

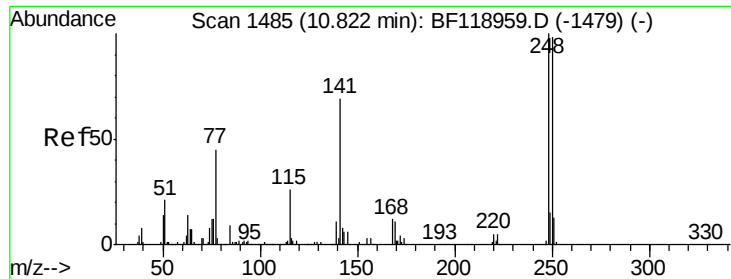


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

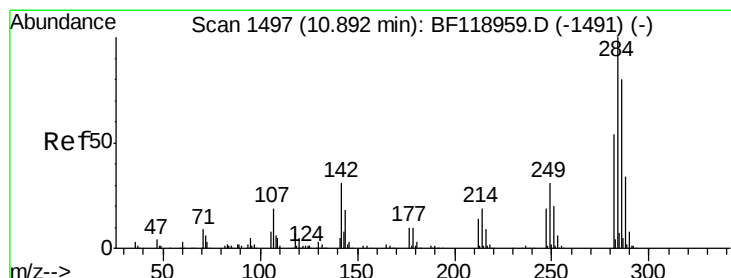
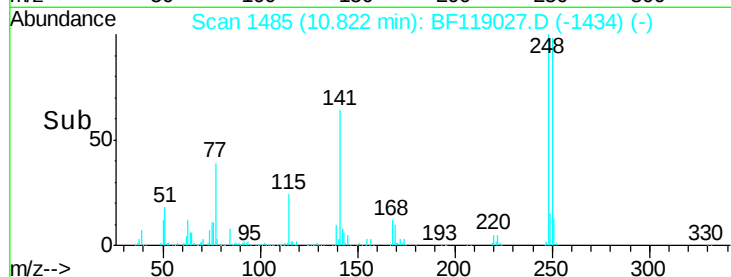
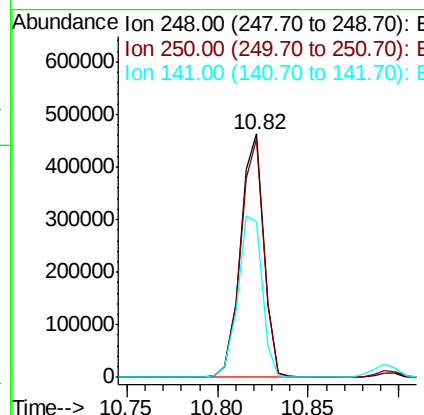
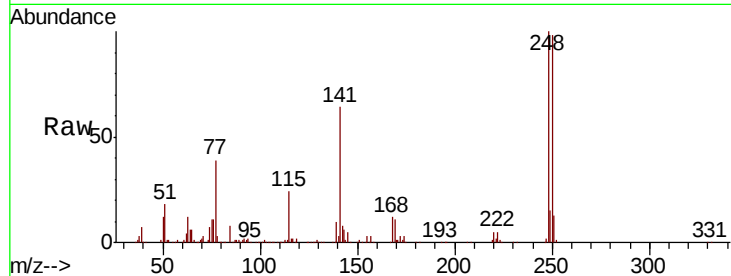




#67
4-Bromophenyl-phenylether
Concen: 39.864 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

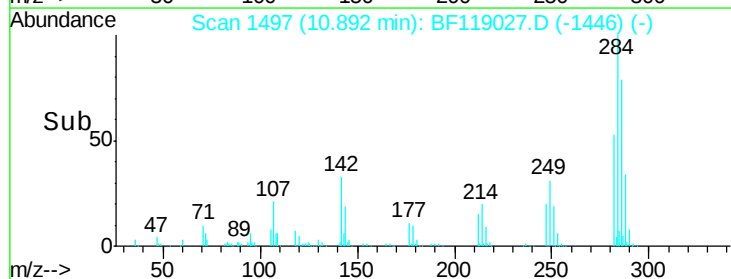
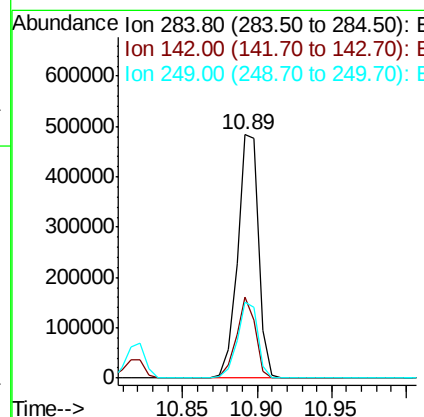
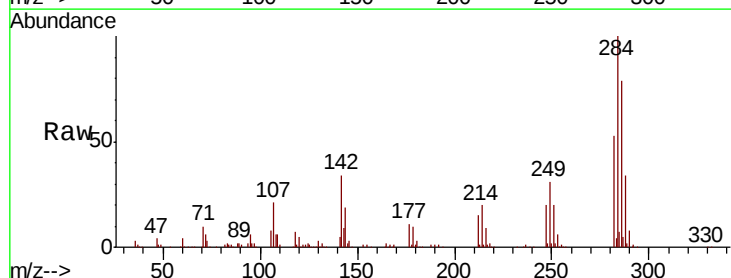
Instrument :
BNA_F
ClientSampleId :

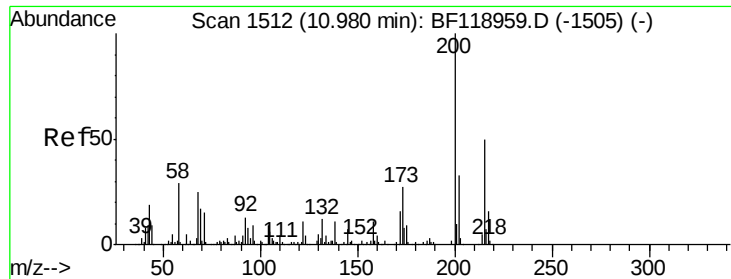
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.8	118.2
141	63.8	55.3	82.9



#68
Hexachlorobenzene
Concen: 39.786 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.0	37.6
249	31.2	25.0	37.4

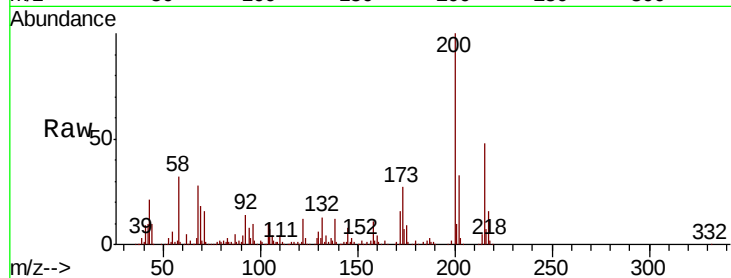




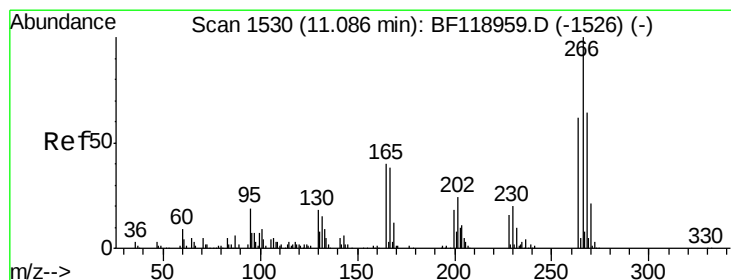
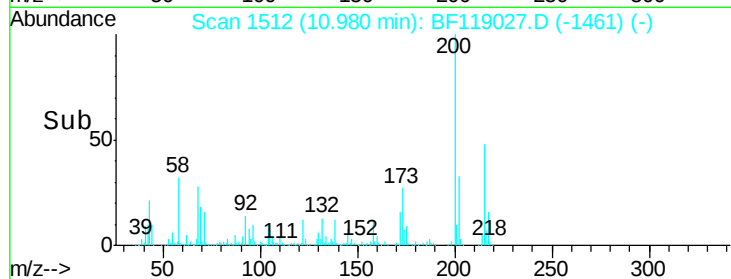
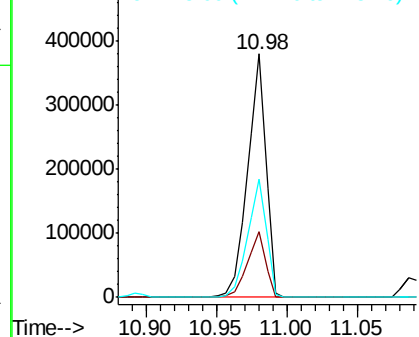
#69
Atrazine
Concen: 37.730 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	48.3	29.7	69.7

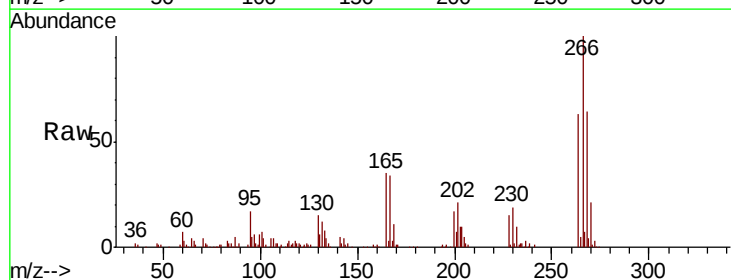


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

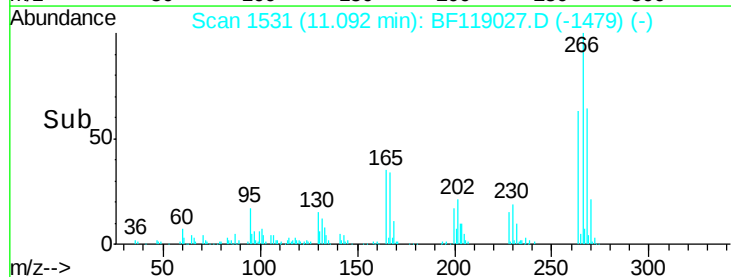
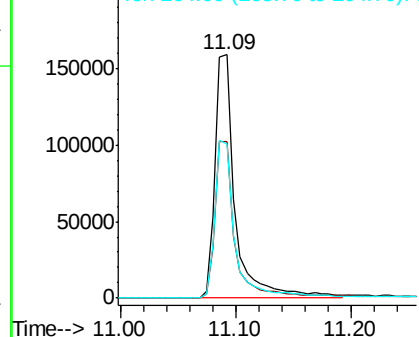


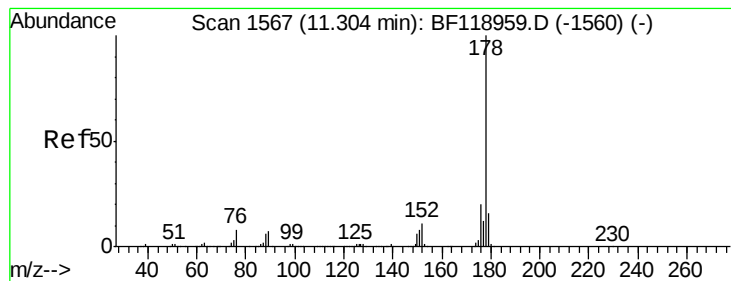
#70
Pentachlorophenol
Concen: 40.256 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.4	77.0
264	63.1	49.5	74.3



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: 39.107 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

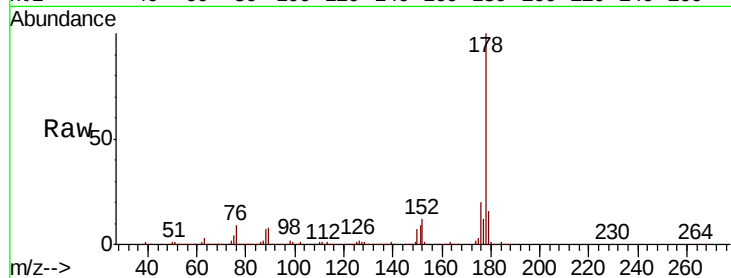
Tot Ion:178 Resp: 1700144

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

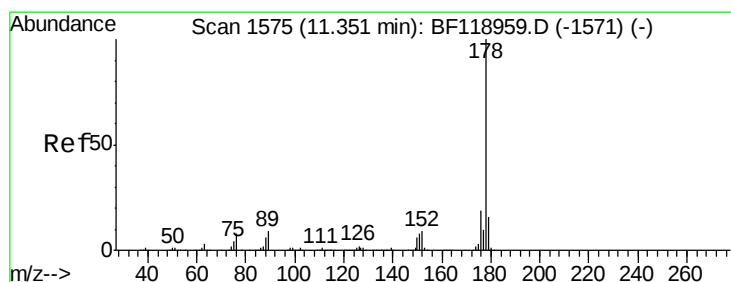
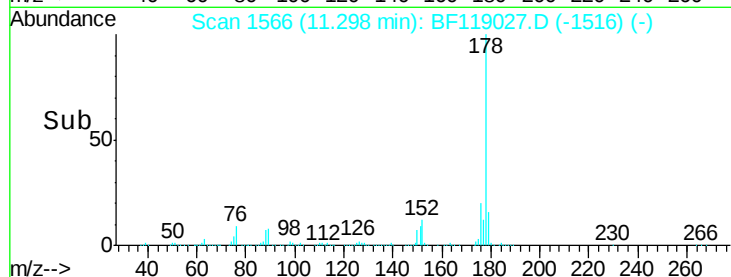
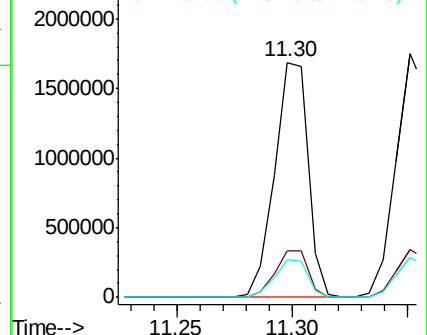
179 16.0 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.633 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

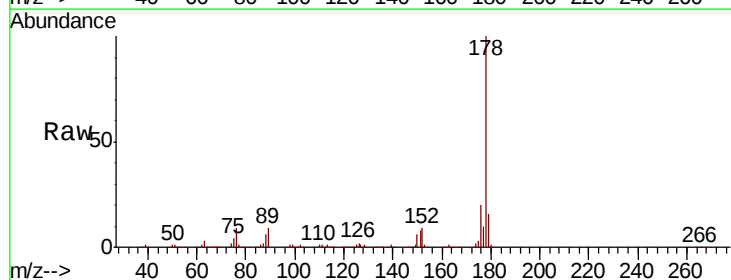
Tgt Ion:178 Resp: 1721584

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

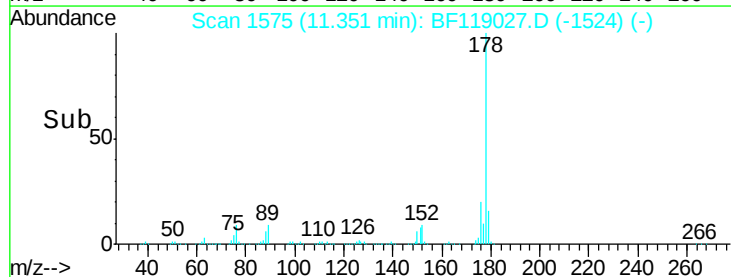
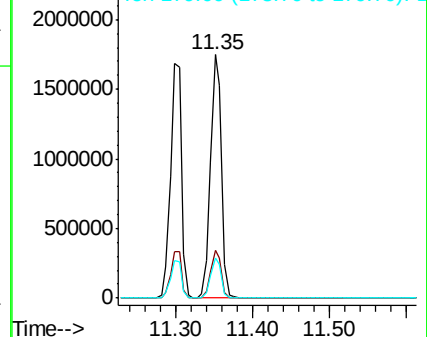
179 16.3 12.8 19.2

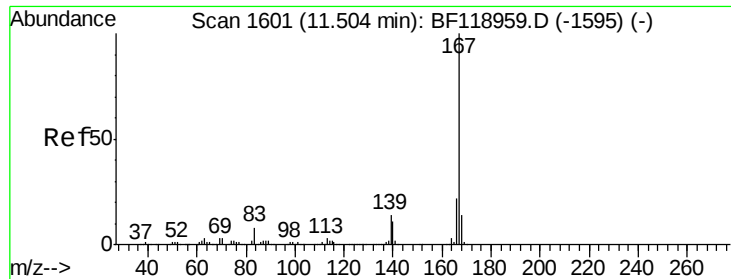


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

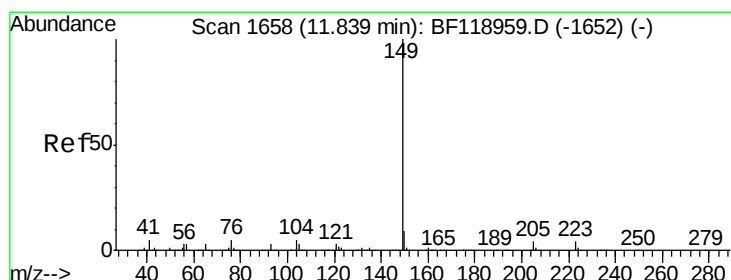
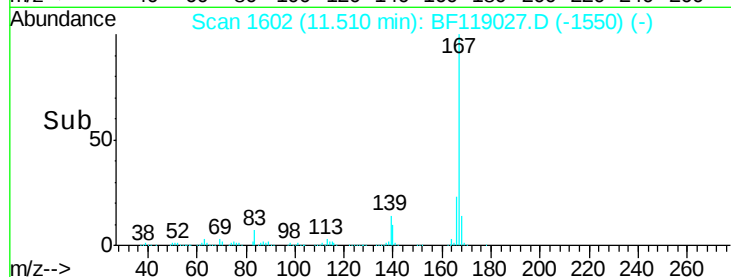
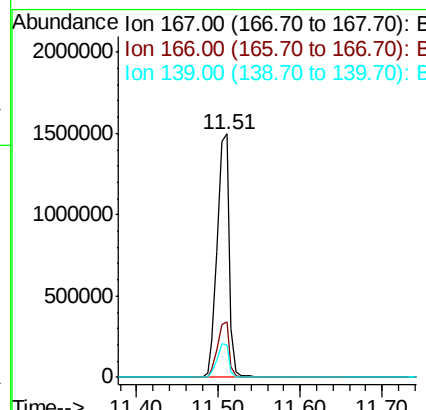
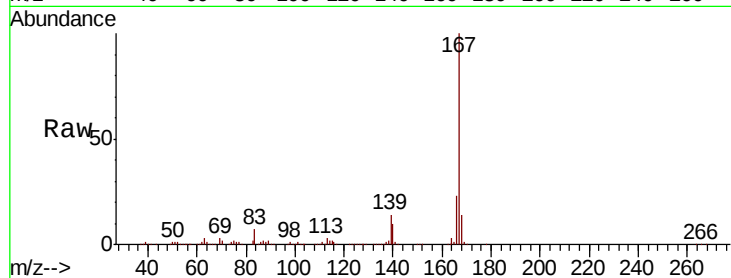




#73
 Carbazole
 Concen: 39.896 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF119027.D
 Acq: 24 Feb 2020 17:47

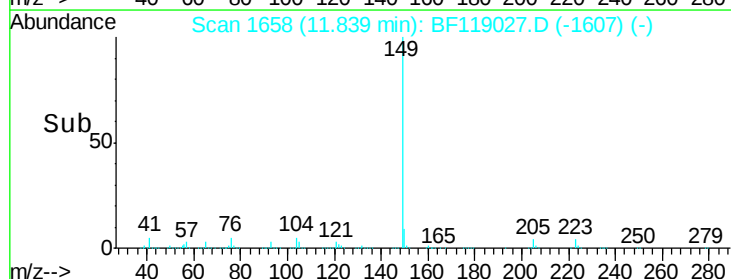
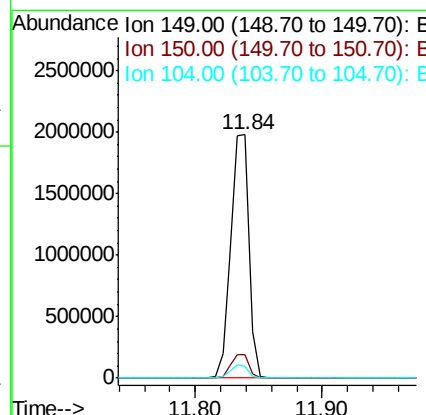
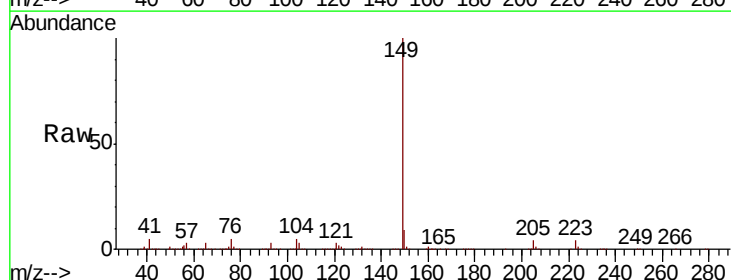
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1543902
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 13.6 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 41.728 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119027.D
 Acq: 24 Feb 2020 17:47

Tgt Ion:149 Resp: 1955536
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.0 6.0



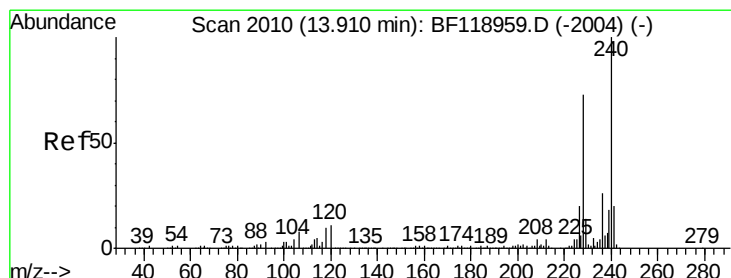
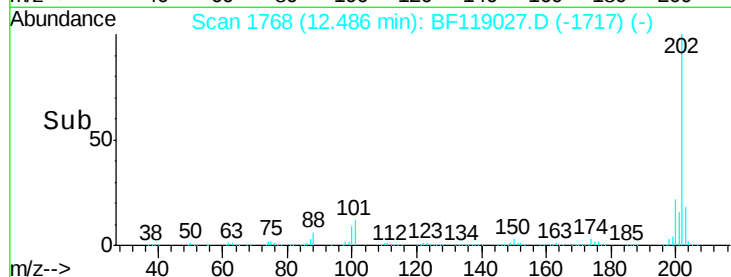
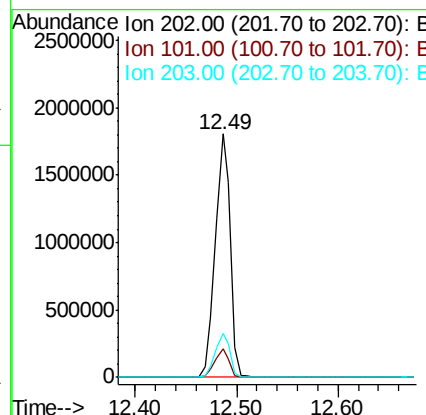
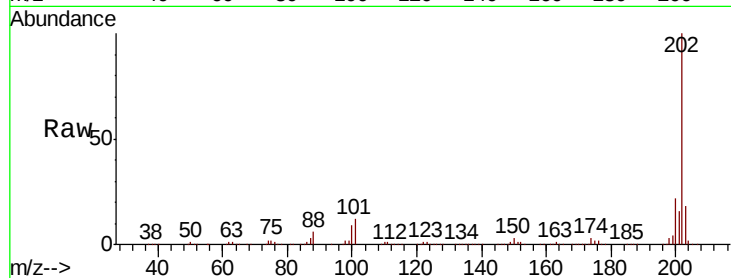


#75
 Fluoranthene
 Concen: 39.952 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF119027.D
 Acq: 24 Feb 2020 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1843681

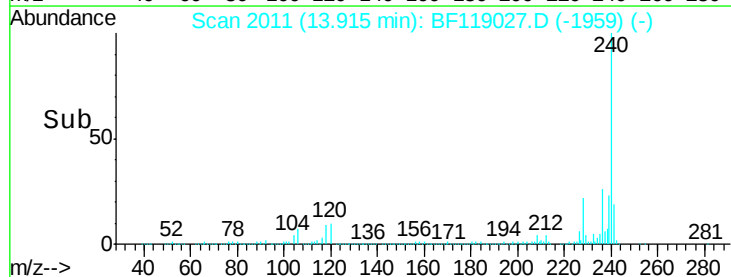
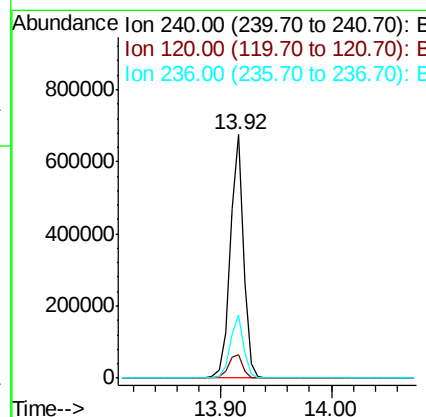
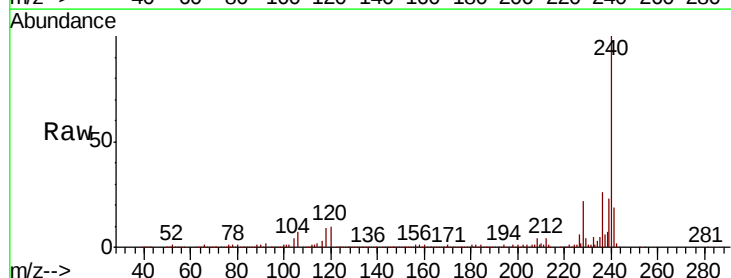
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.1
203	18.3	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119027.D
 Acq: 24 Feb 2020 17:47

Tgt Ion:240 Resp: 570135

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.9	13.3
236	26.2	20.6	30.8





#77

Benzidine

Concen: 36.631 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

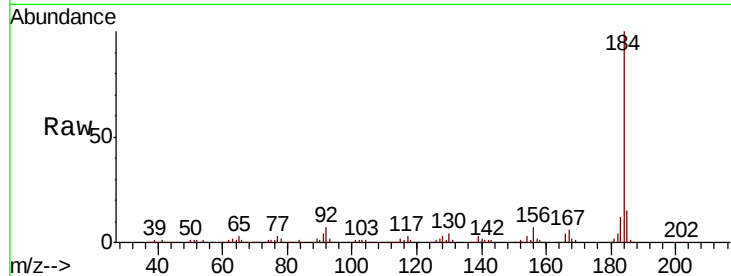
Tot Ion:184 Resp: 849371

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

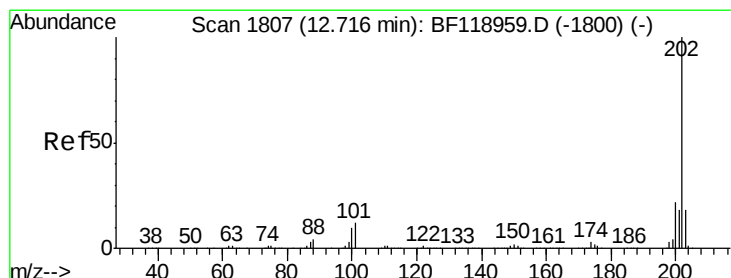
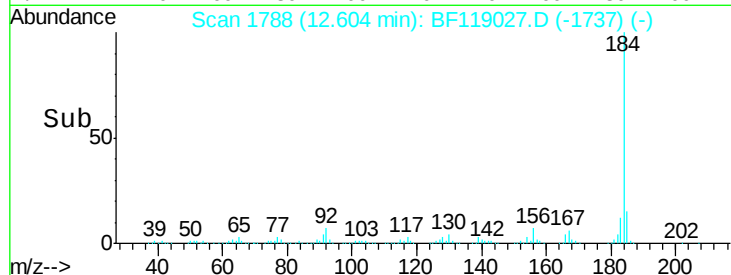
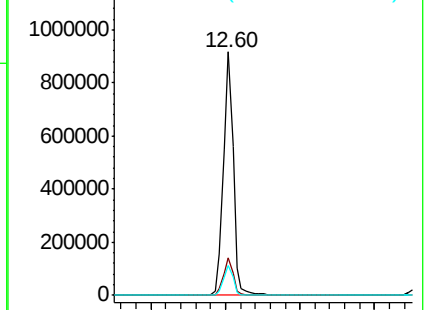
183 12.3 9.9 14.9



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: 40.060 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

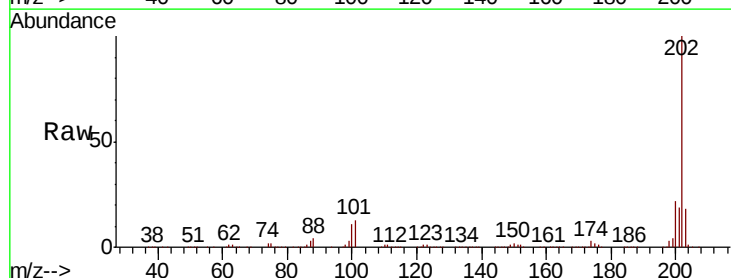
Tgt Ion:202 Resp: 1833973

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.0

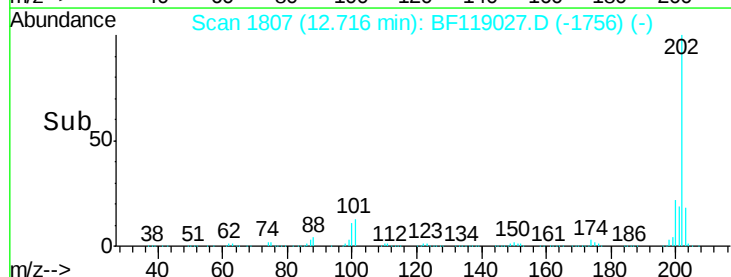
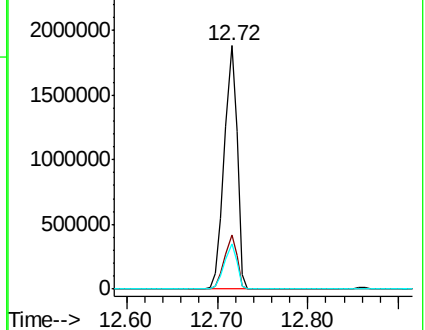
203 18.3 14.5 21.7

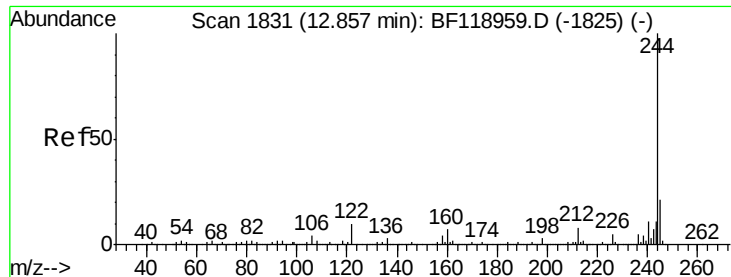


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.251 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

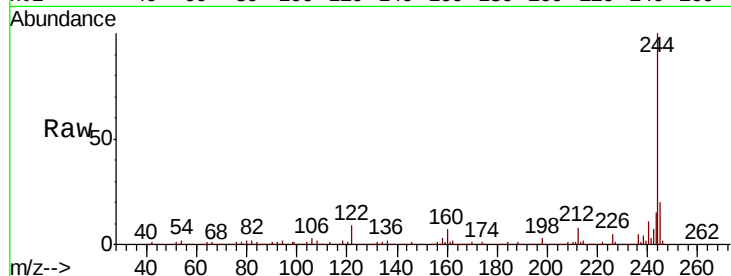
Tot Ion:244 Resp: 2657520

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

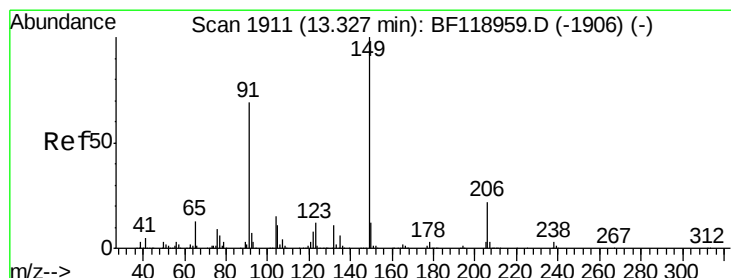
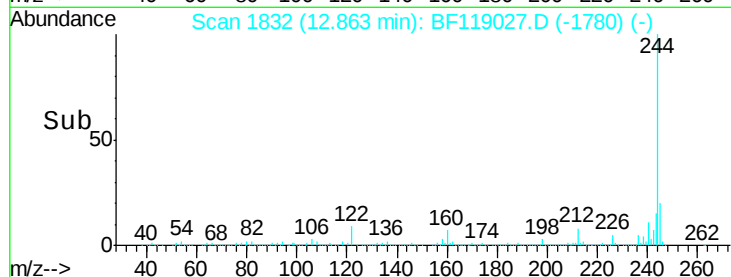
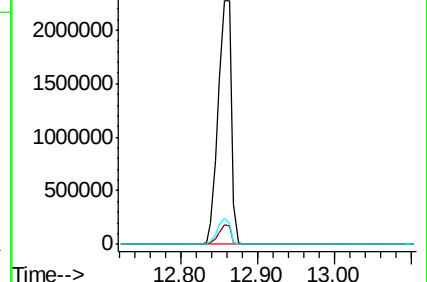
122 8.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.852 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

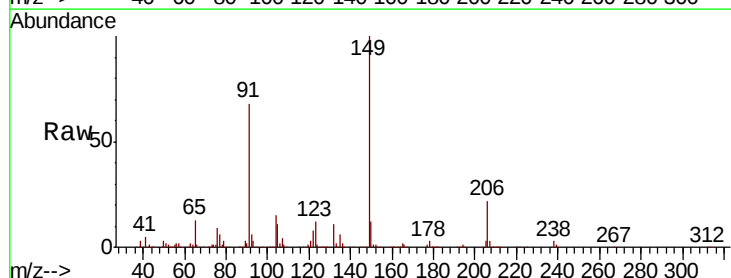
Tgt Ion:149 Resp: 825666

Ion Ratio Lower Upper

149 100

91 68.5 55.4 83.2

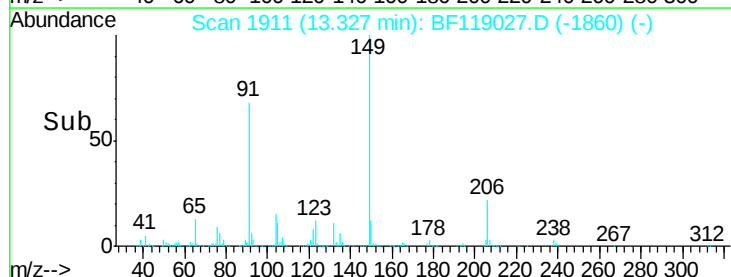
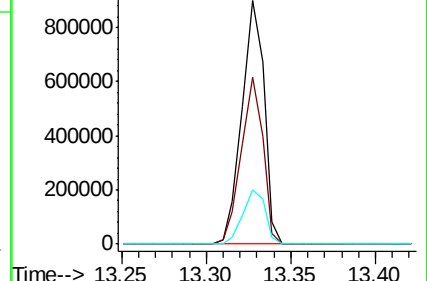
206 22.5 17.7 26.5

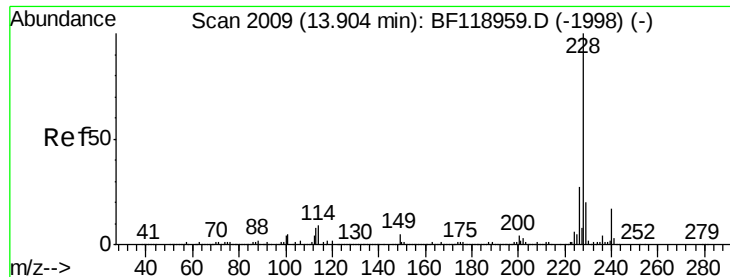


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.474 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

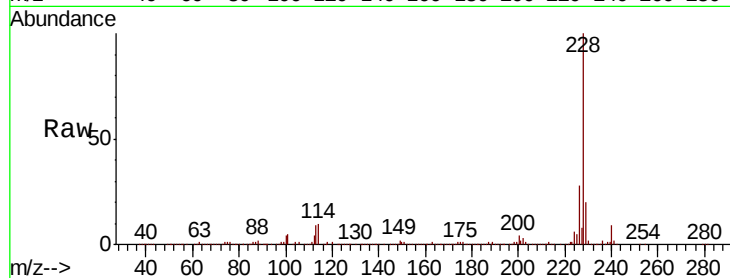
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1572280

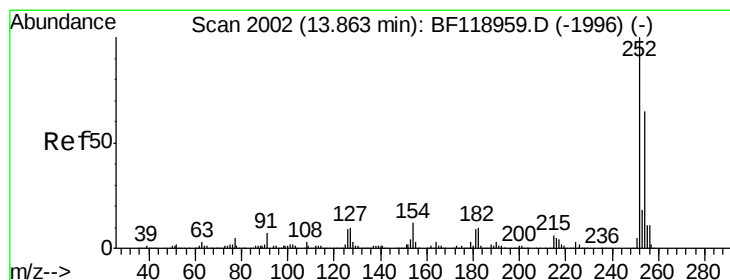
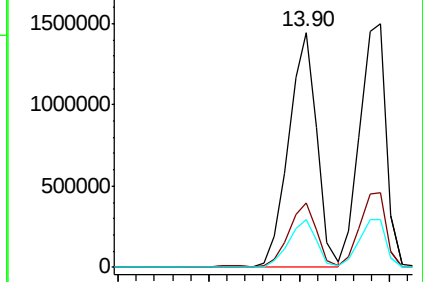
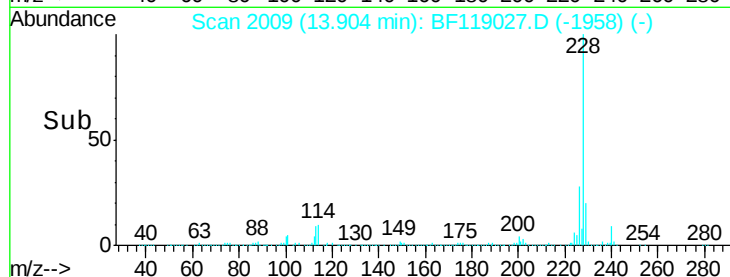
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.3	16.0	24.0



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: 41.251 ng

RT: 13.86 min Scan# 2002

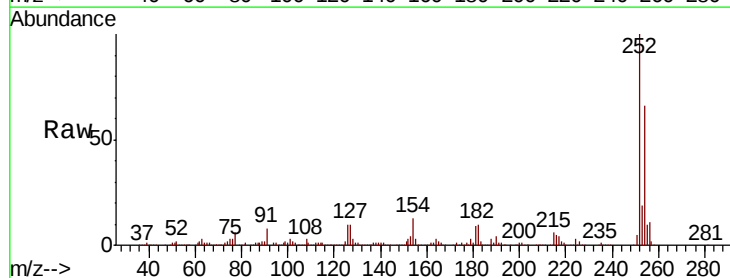
Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Tgt Ion:252 Resp: 622248

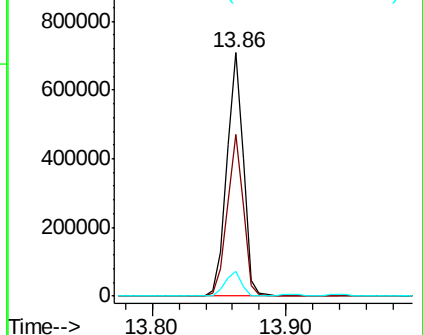
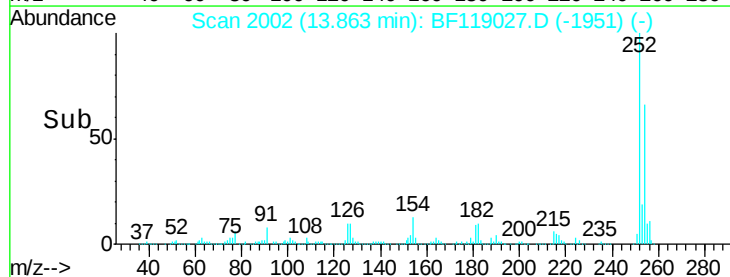
Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.1	78.1
126	10.2	7.3	10.9

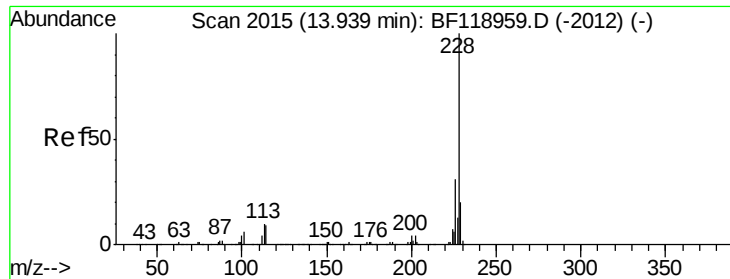


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.415 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

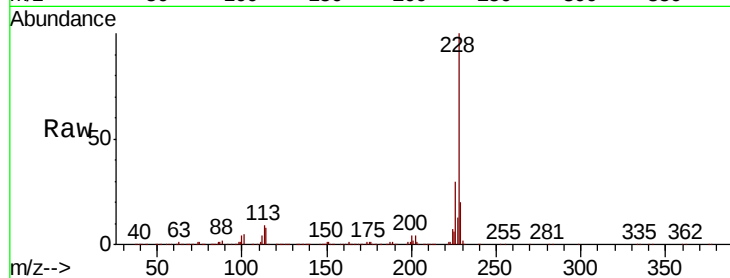
Tot Ion:228 Resp: 1525652

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

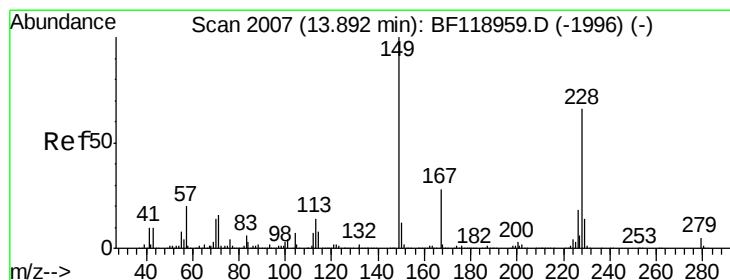
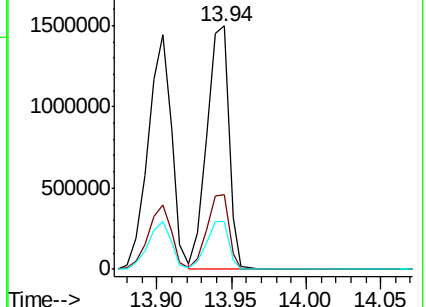
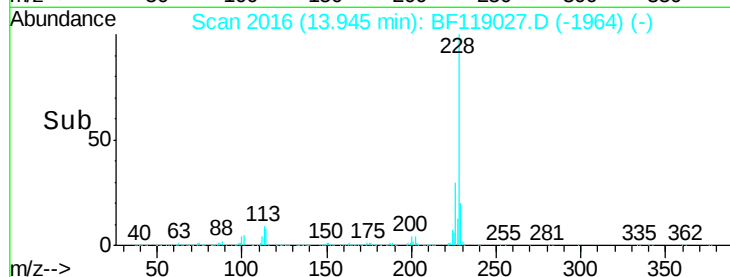
229 19.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.864 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

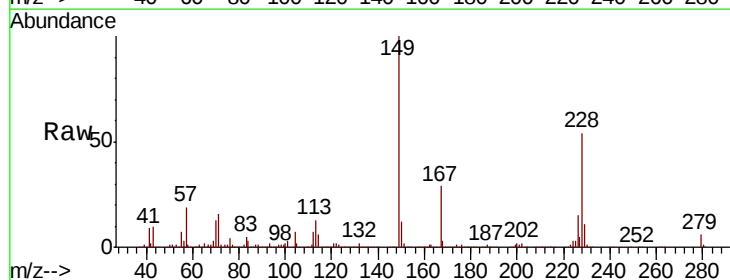
Tgt Ion:149 Resp: 1043406

Ion Ratio Lower Upper

149 100

167 28.7 22.3 33.5

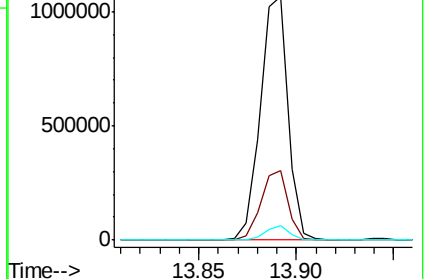
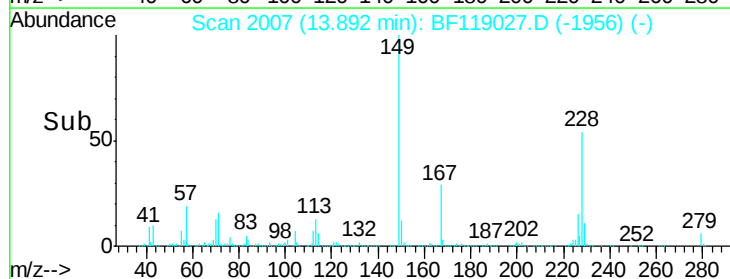
279 6.0 4.2 6.4

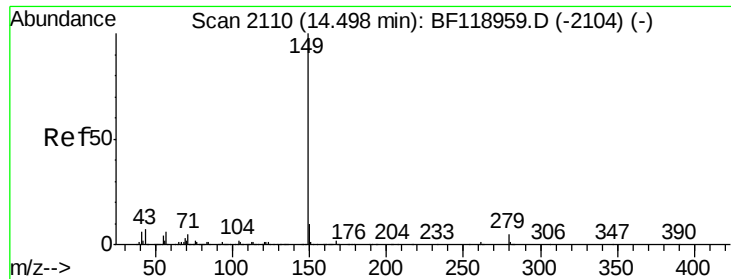


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.323 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

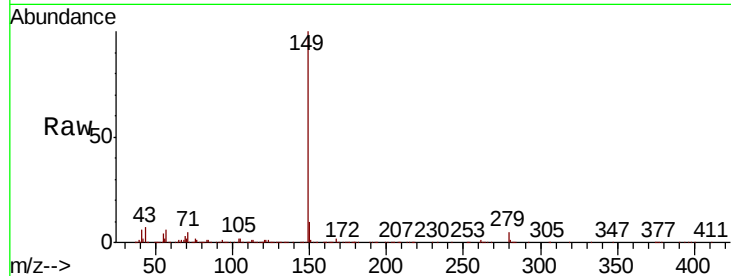
Tot Ion:149 Resp: 1602705

Ion Ratio Lower Upper

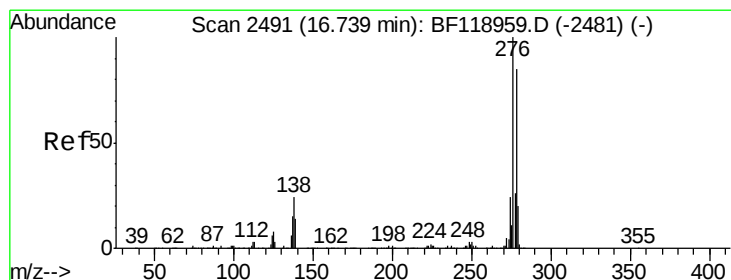
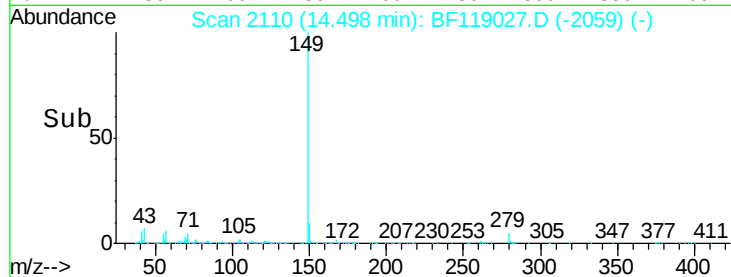
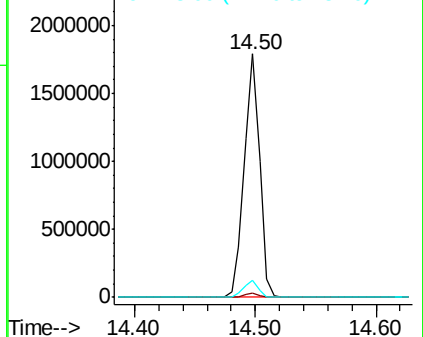
149 100

167 1.6 1.3 1.9

43 6.8 5.2 7.8



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: 34.475 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

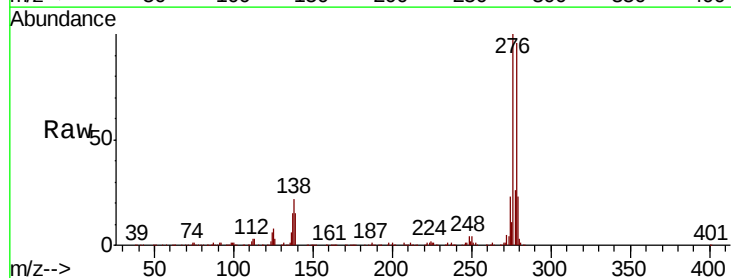
Tgt Ion:276 Resp: 1292122

Ion Ratio Lower Upper

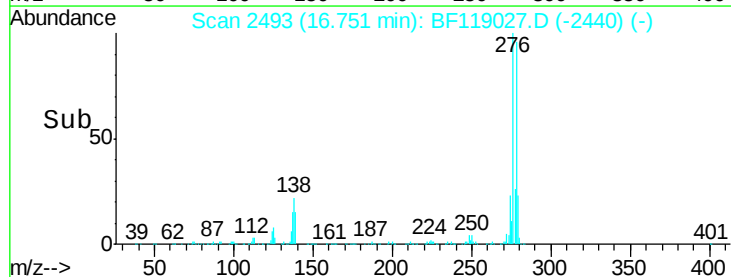
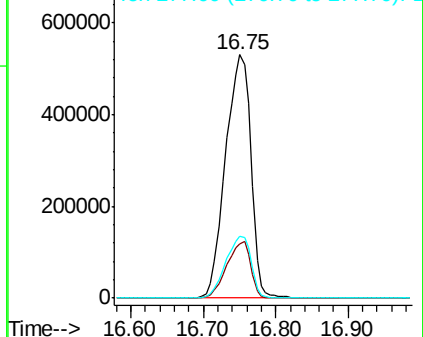
276 100

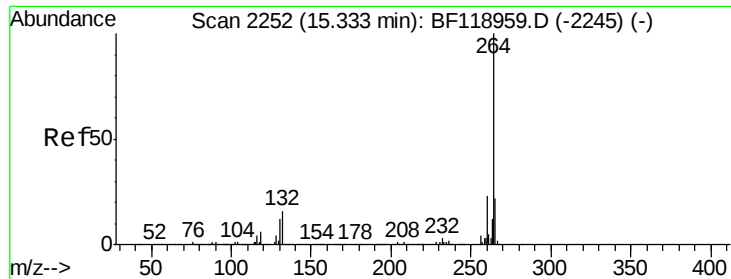
138 22.1 18.7 28.1

277 25.5 20.3 30.5



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

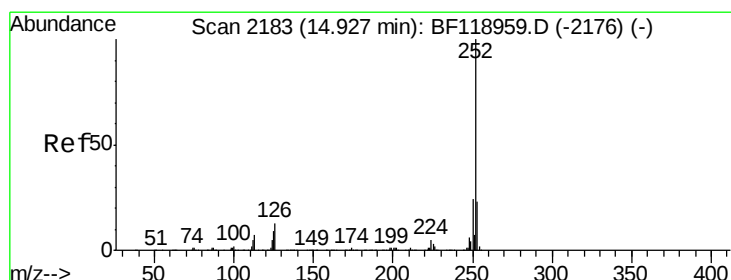
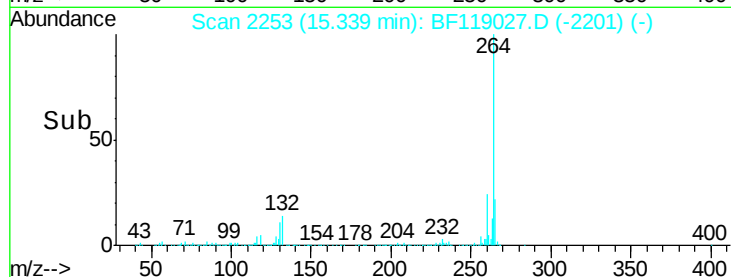
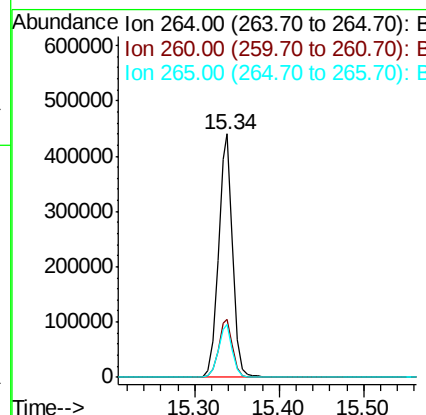
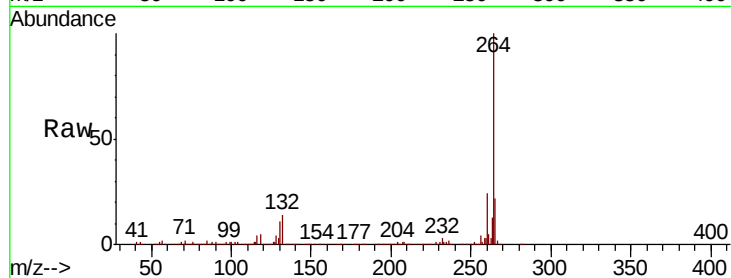




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

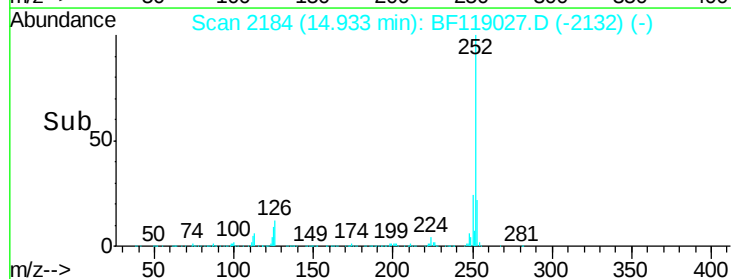
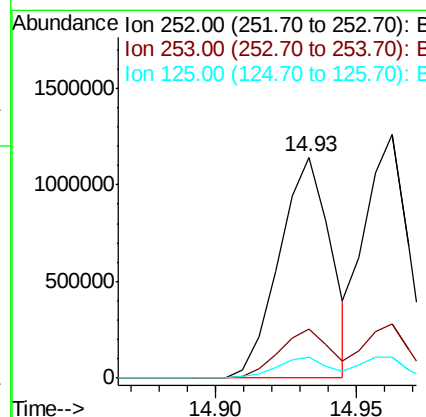
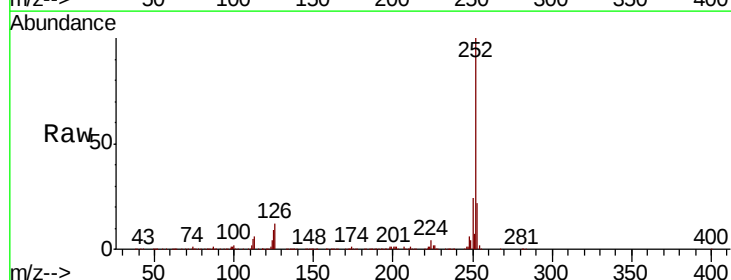
Instrument :
BNA_F
ClientSampleId :

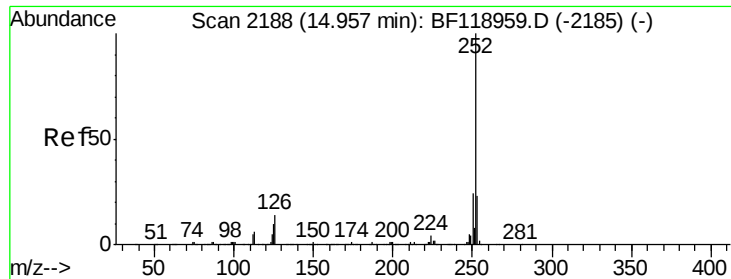
Tot Ion:264 Resp: 521231
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.5 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 42.262 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF119027.D
Acq: 24 Feb 2020 17:47

Tgt Ion:252 Resp: 1451978
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 42.114 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Instrument :

BNA_F

ClientSampleId :

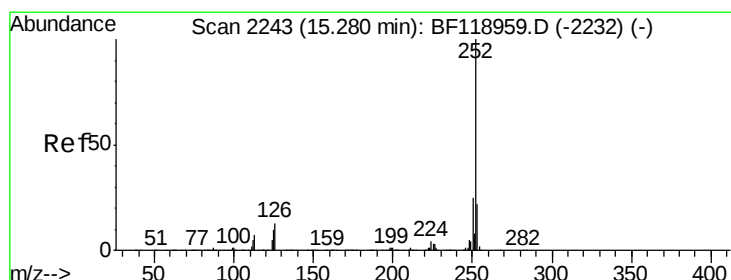
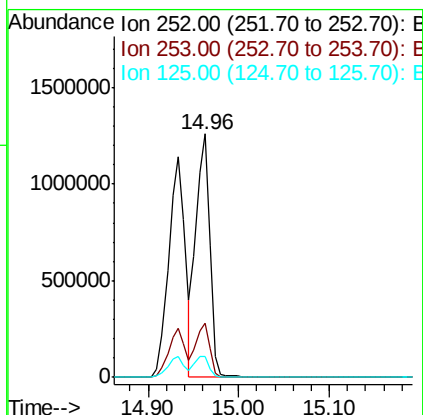
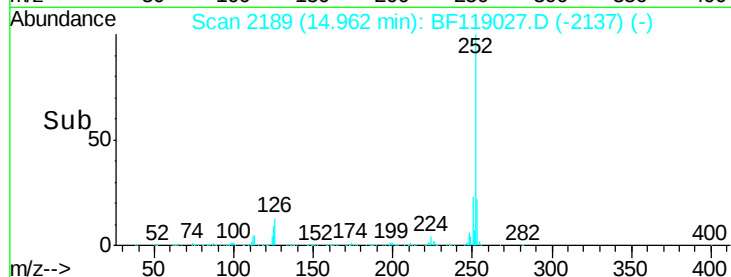
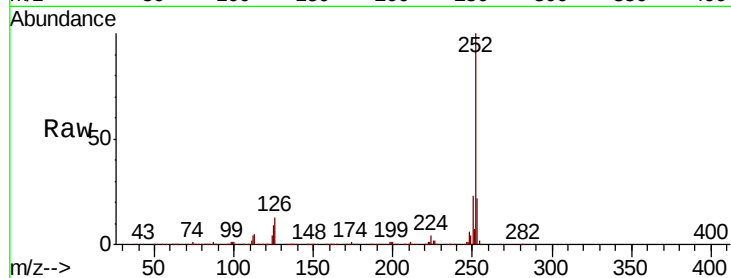
Tot Ion:252 Resp: 1340872

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 40.249 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

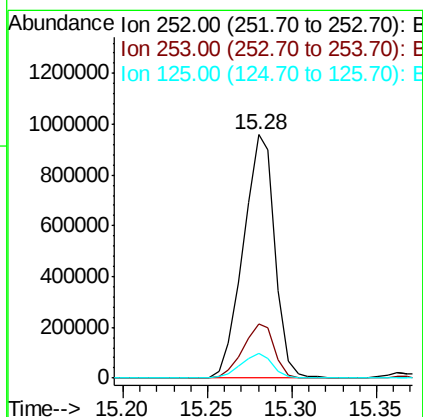
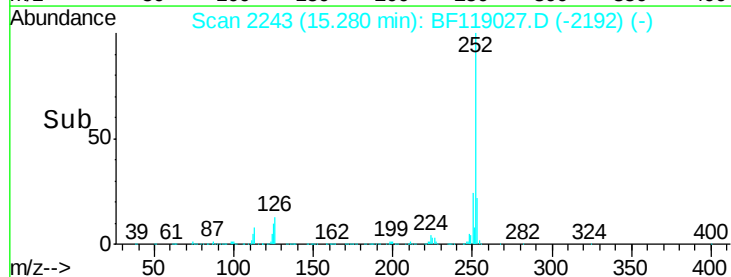
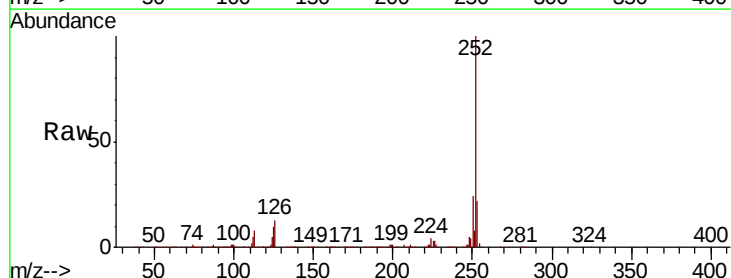
Tgt Ion:252 Resp: 1248047

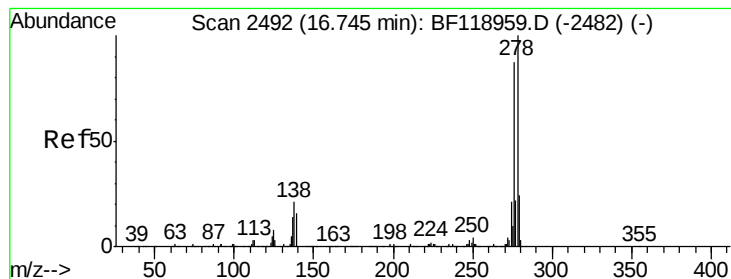
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 10.3 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 38.966 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

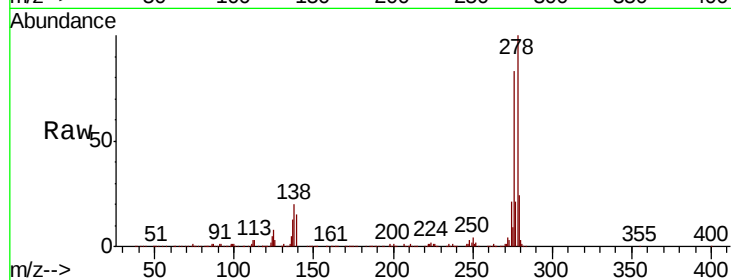
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1063133

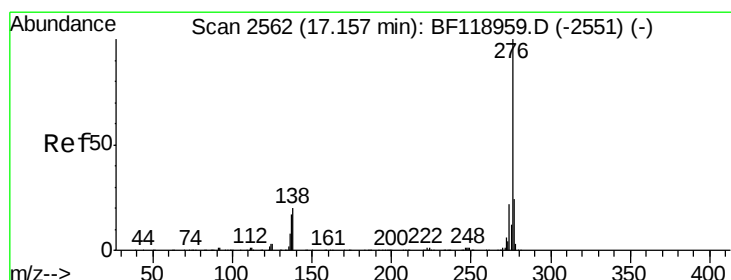
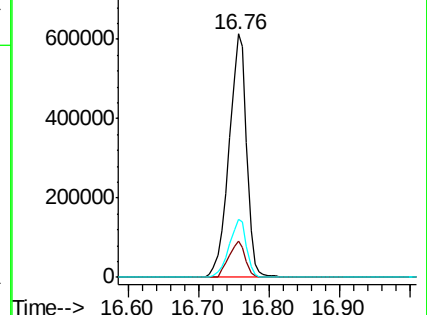
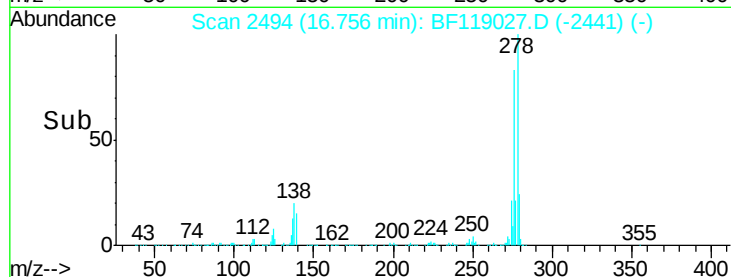
Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.6	18.8
279	23.8	19.0	28.6



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: 38.550 ng

RT: 17.17 min Scan# 2564

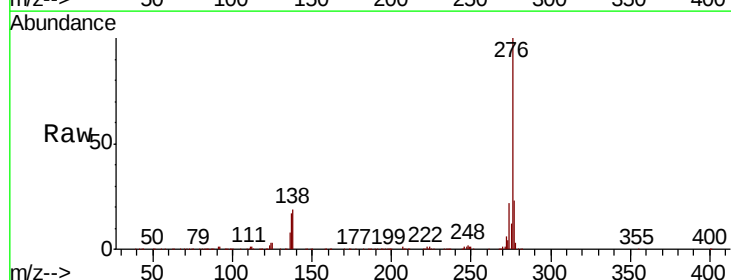
Delta R.T. 0.01 min

Lab File: BF119027.D

Acq: 24 Feb 2020 17:47

Tgt Ion:276 Resp: 1039207

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	18.9	16.2	24.4



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

