

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118545.D
 Acq On : 13 Jan 2020 22:02
 Operator : JU
 Sample : L1103-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:29:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	120555	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	459544	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	231760	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	370252	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	302357	20.00	ng	-0.03
87) Perylene-d12	15.49	264	302621	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	658979	90.23	ng	-0.01
7) Phenol-d6	6.46	99	854216	97.83	ng	-0.02
23) Nitrobenzene-d5	7.38	82	458546	52.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	225928	82.61	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	978141	60.53	ng	-0.02
79) Terphenyl-d14	12.94	244	956173	50.11	ng	-0.02

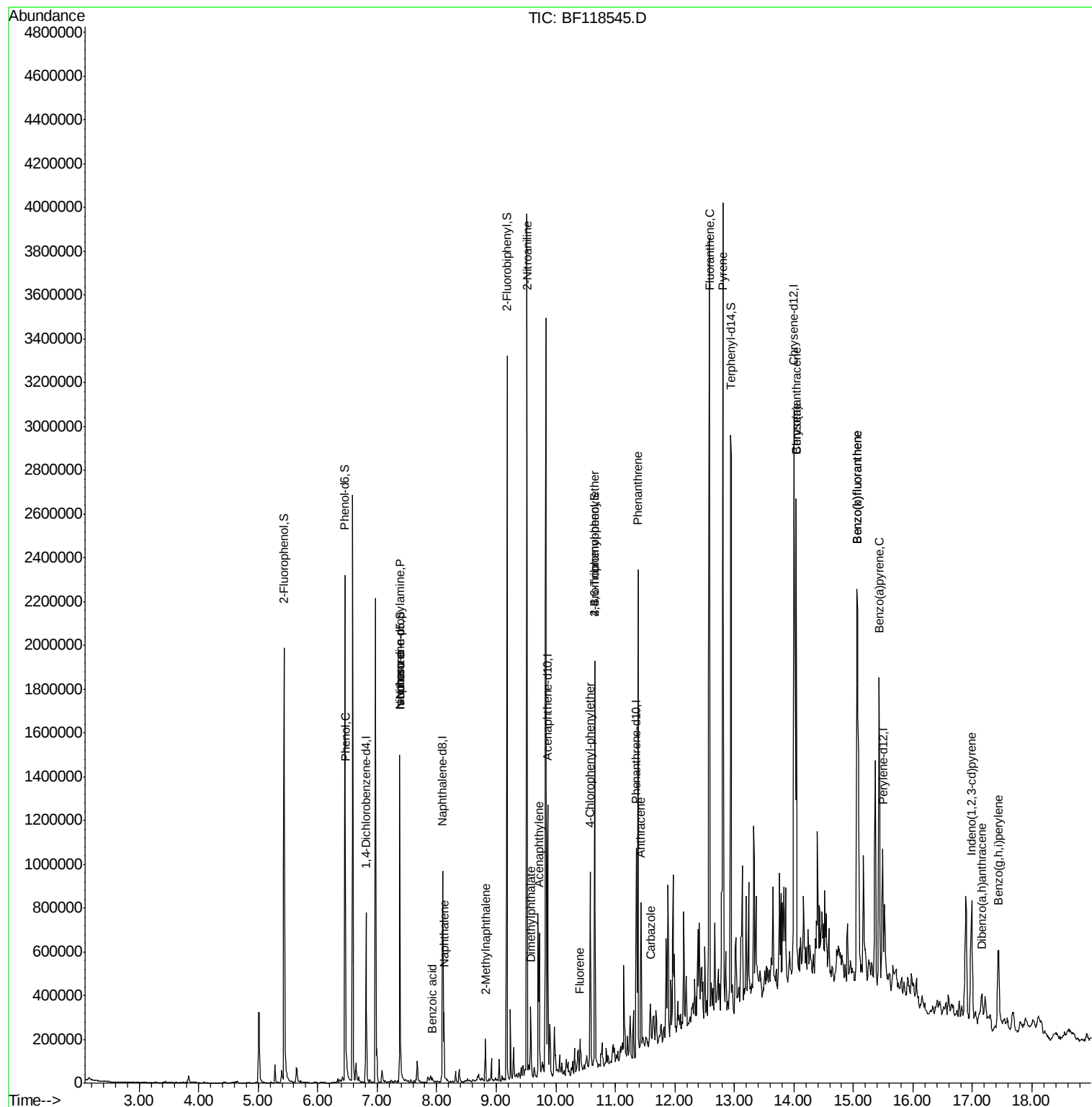
Target Compounds				Qvalue		
10) Phenol	6.47	94	28152	2.910	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	60697	10.793	ng	# 72
25) Isophorone	7.38	82	458543	32.719	ng	# 63
31) Naphthalene	8.12	128	133818	5.567	ng	99
32) Benzoic acid	7.92	122	2015	6.920	ng	# 68
37) 2-Methylnaphthalene	8.82	142	46623	2.826	ng	95
48) 2-Nitroaniline	9.52	65	38087	8.794	ng	# 2
49) Acenaphthylene	9.72	152	265368	11.894	ng	99
50) Dimethylphthalate	9.57	163	107099	6.021	ng	98
58) Fluorene	10.41	166	39624	2.409	ng	97
61) 4-Chlorophenyl-phenylether	10.58	204	17882	2.176	ng	# 34
67) 4-Bromophenyl-phenylether	10.66	248	13844	3.192	ng	# 1
71) Phenanthrene	11.38	178	788635	38.023	ng	99
72) Anthracene	11.43	178	295315	14.312	ng	99
73) Carbazole	11.59	167	57218	3.201	ng	100
75) Fluoranthene	12.58	202	1438148	68.219	ng	99
77) Benzidine	12.66	184	413	Below Cal	#	1
78) Pyrene	12.81	202	1470919	59.129	ng	99
81) Benzo(a)anthracene	14.04	228	798993	37.753	ng	93
83) Chrysene	14.04	228	798993	38.851	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	351814	21.249	ng	94
88) Benzo(b)fluoranthene	15.06	252	1370874	62.657	ng	# 97
89) Benzo(k)fluoranthene	15.06	252	1370874	65.643	ng	# 96
90) Benzo(a)pyrene	15.43	252	649685	36.235	ng	98
91) Dibenzo(a,h)anthracene	17.16	278	81750	4.863	ng	95
92) Benzo(g,h,i)perylene	17.43	276	306694	19.253	ng	98

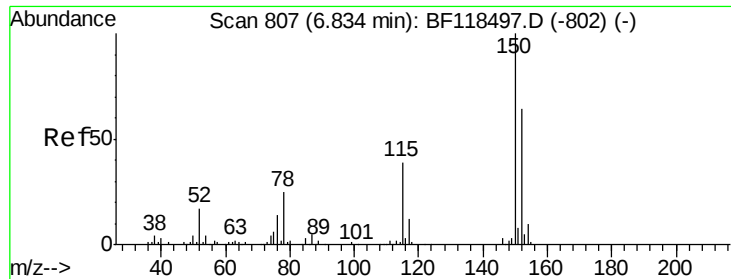
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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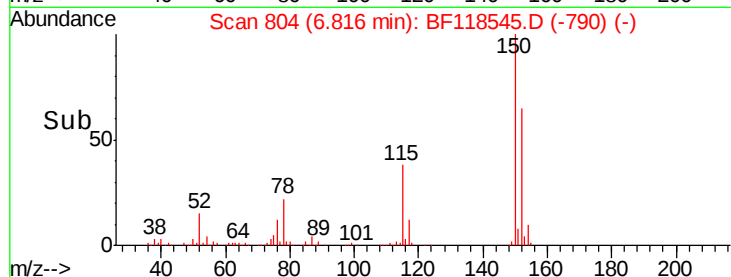
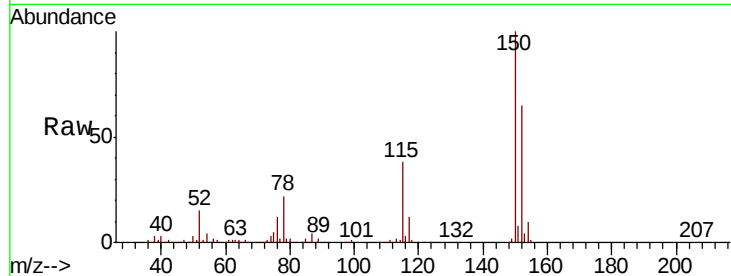


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.7	187.1
115	58.5	49.0	73.6

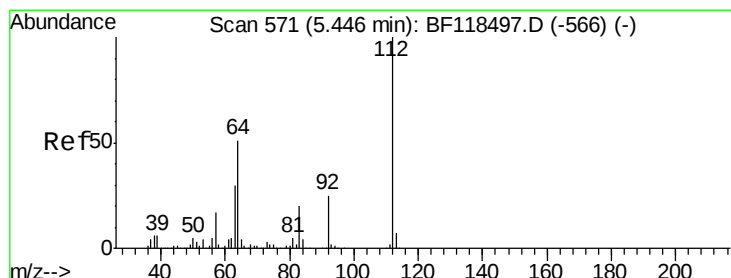
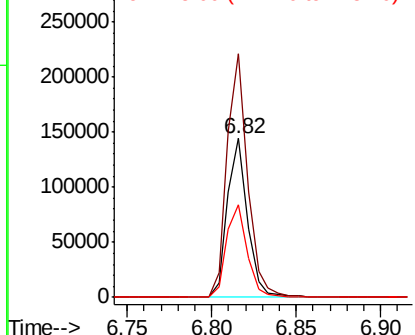


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

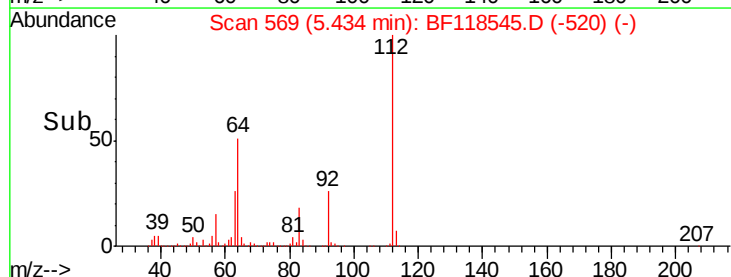
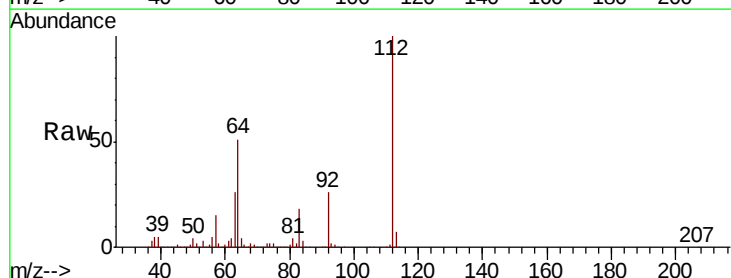
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.233 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.1	61.7
63	26.0	24.1	36.1

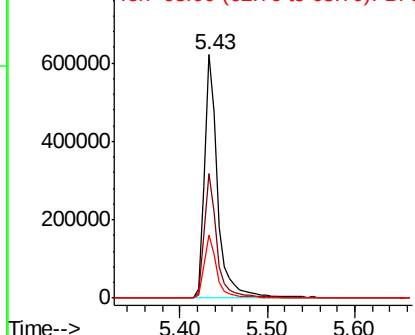


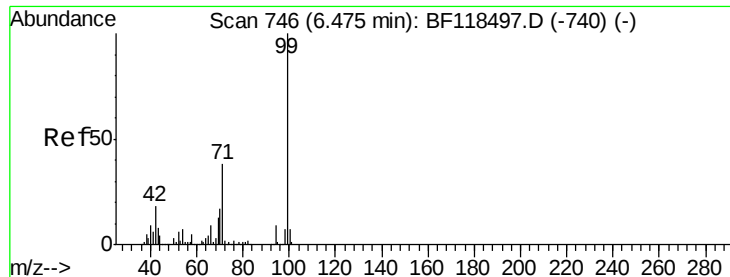
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.835 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

Instrument :

BNA_F

ClientSampleId :

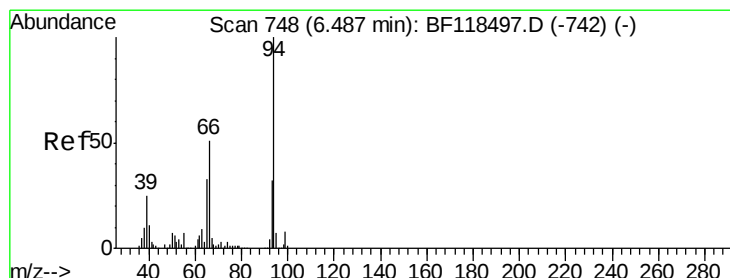
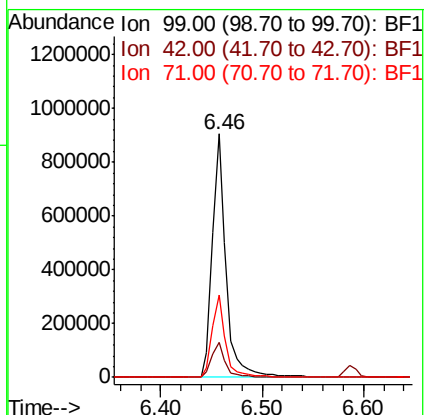
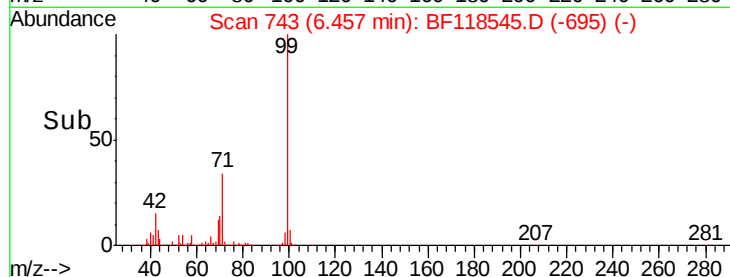
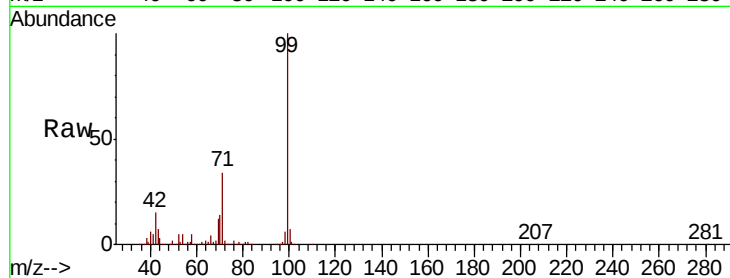
Tot Ion: 99 Resp: 854216

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

71 33.7 30.6 45.8



#10

Phenol

Concen: 2.910 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

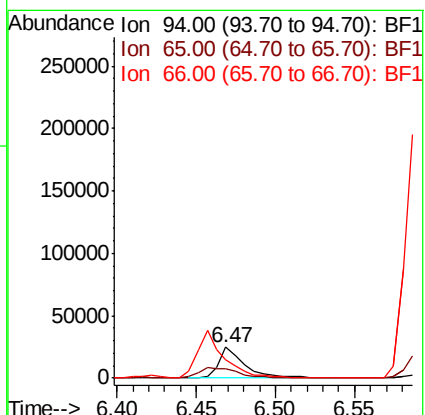
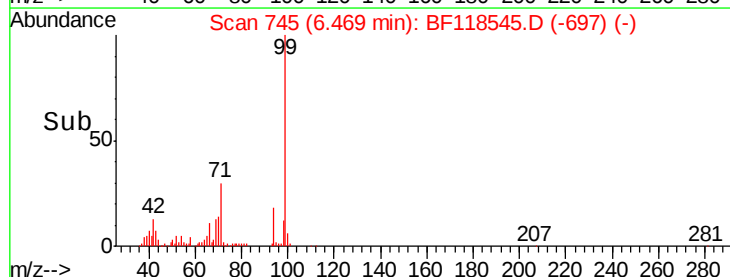
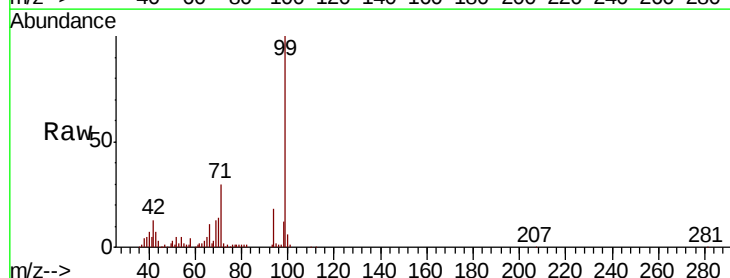
Tgt Ion: 94 Resp: 28152

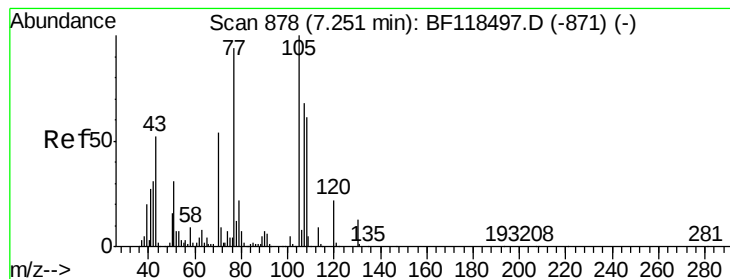
Ion Ratio Lower Upper

94 100

65 29.0 13.3 53.3

66 57.5 30.9 70.9





#19

n-Nitroso-di-n-propylamine

Concen: 10.793 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 60697

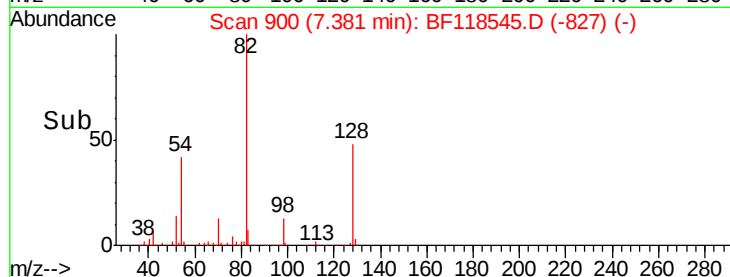
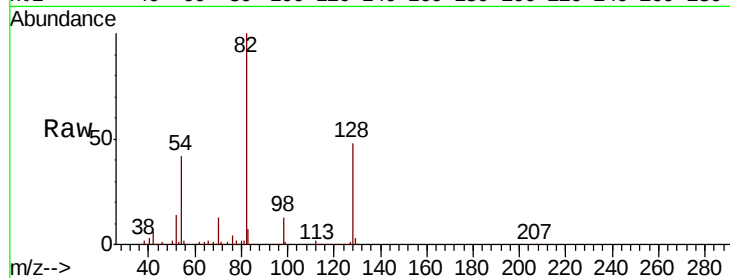
Ion Ratio Lower Upper

70 100

42 41.6 45.6 68.4#

101 0.0 8.2 12.2#

130 2.4 19.2 28.8#

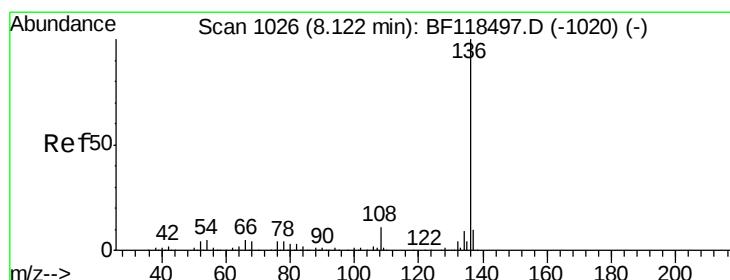
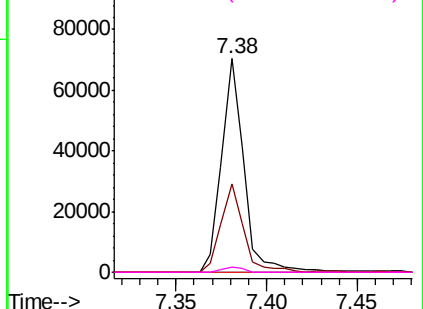


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

Tgt Ion: 136 Resp: 459544

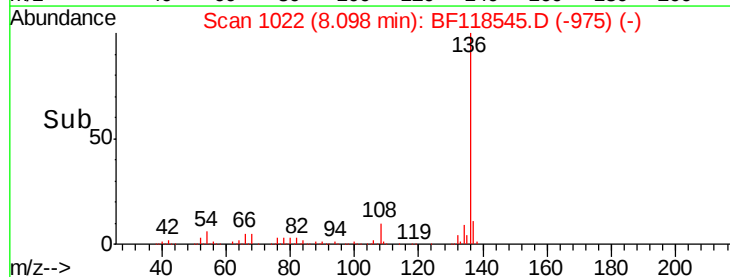
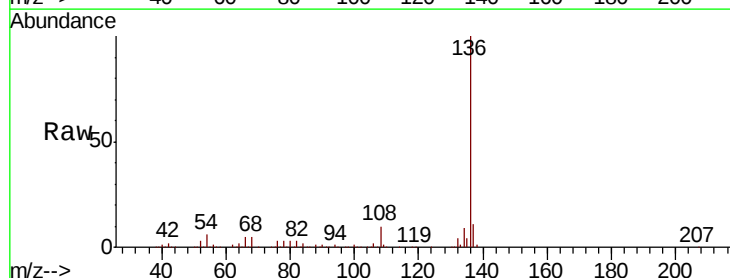
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 5.7 4.2 6.2

68 5.4 3.3 4.9#

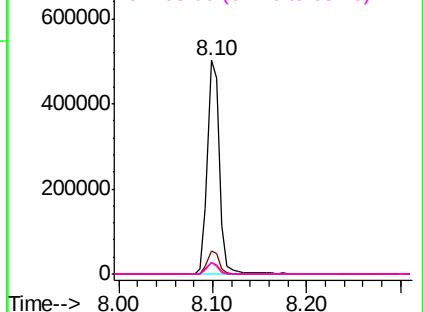


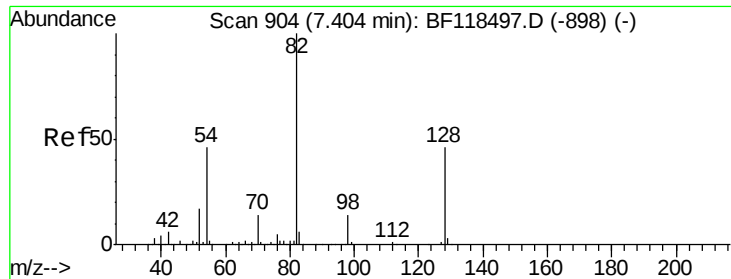
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

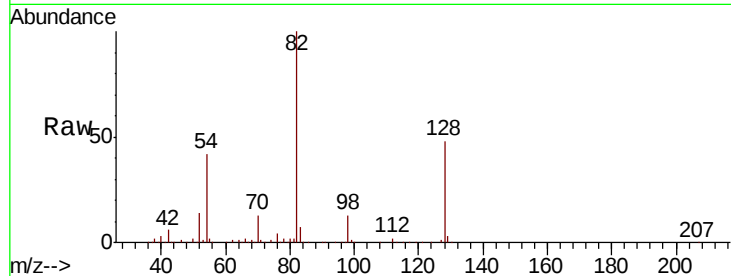




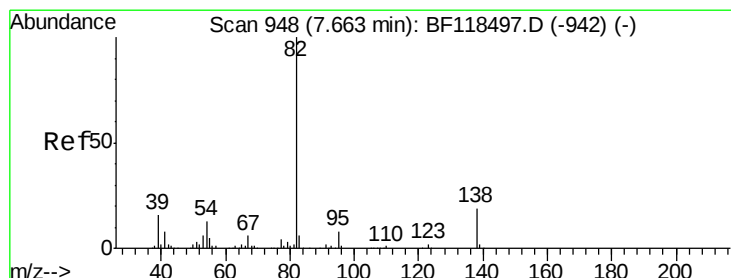
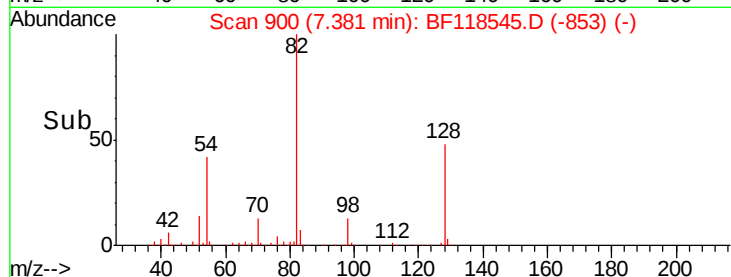
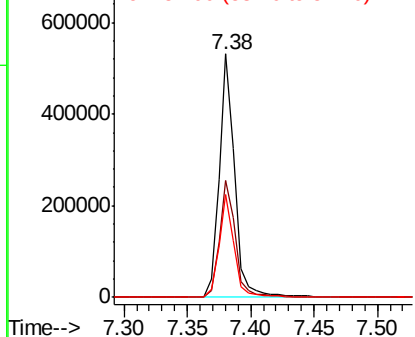
#23
 Nitrobenzene-d5
 Concen: 52.417 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF118545.D
 Acq: 13 Jan 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	458546
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.6	54.8
54	42.1	37.0	55.6

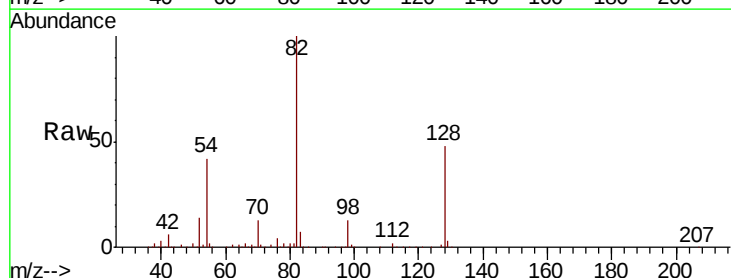


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

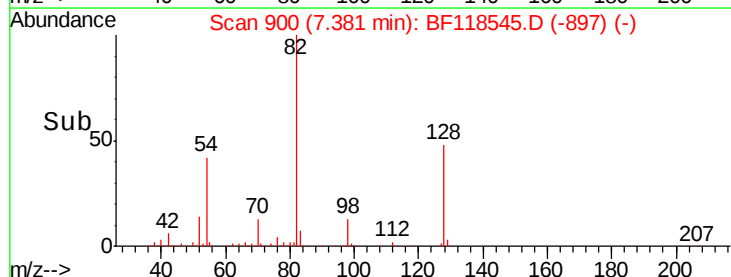
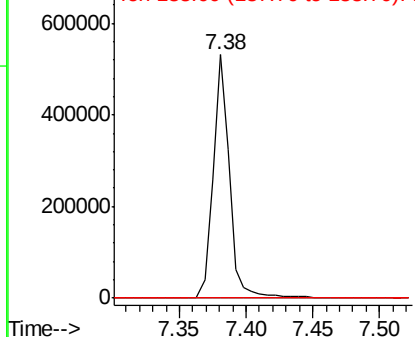


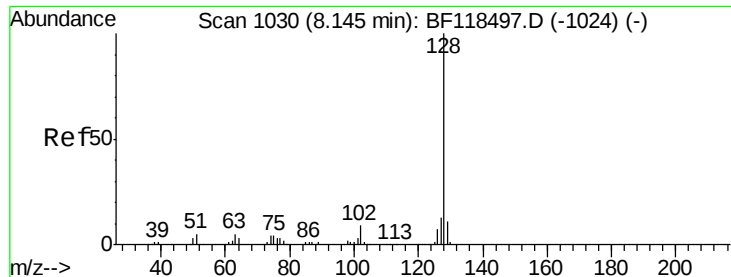
#25
 Isophorone
 Concen: 32.719 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.28 min
 Lab File: BF118545.D
 Acq: 13 Jan 2020 22:02

Tgt Ion	82	Resp	458543
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.6	9.8#
138	0.0	15.4	23.2#



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

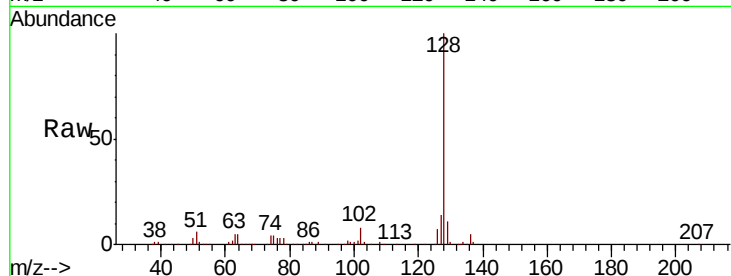




#31
Naphthalene
Concen: 5.567 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.8	10.7	16.1

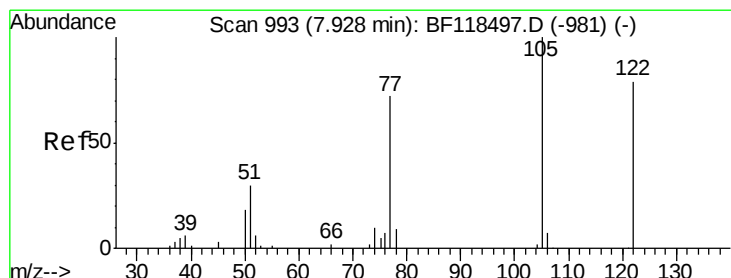
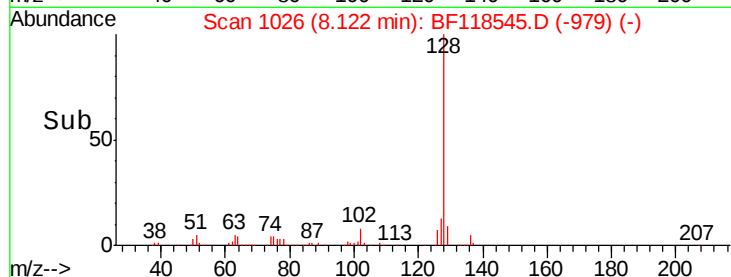
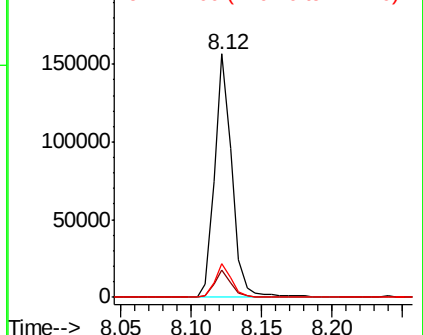


Abundance

Ion 128.00 (127.70 to 128.70): E

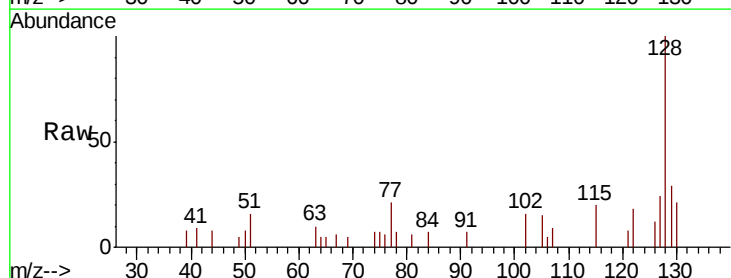
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 6.920 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	82.5	105.7	145.7#
77	114.8	71.0	111.0#

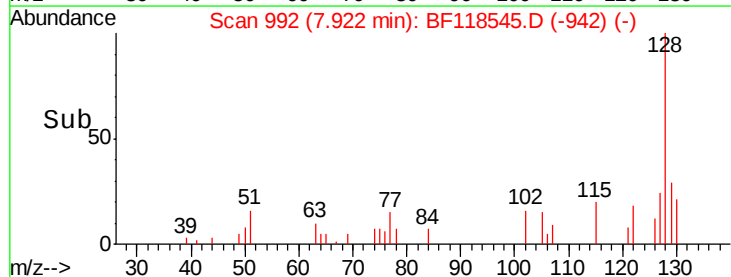
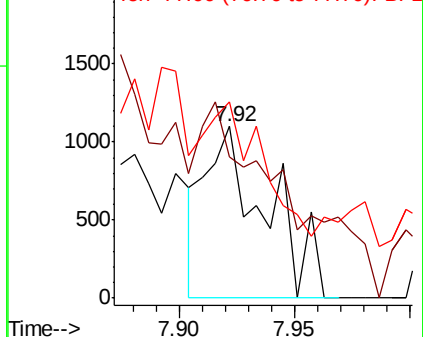


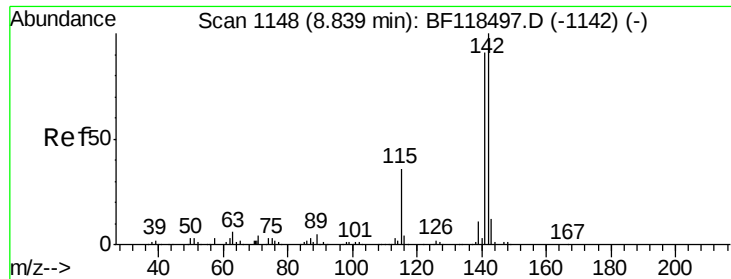
Abundance

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

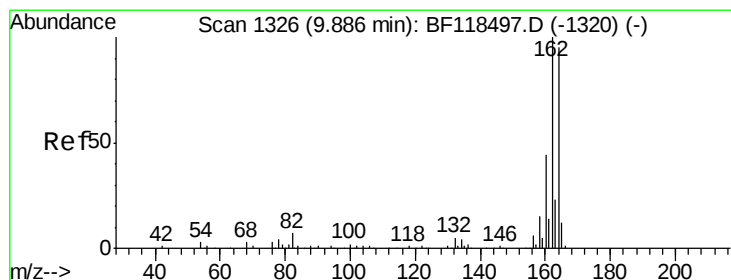
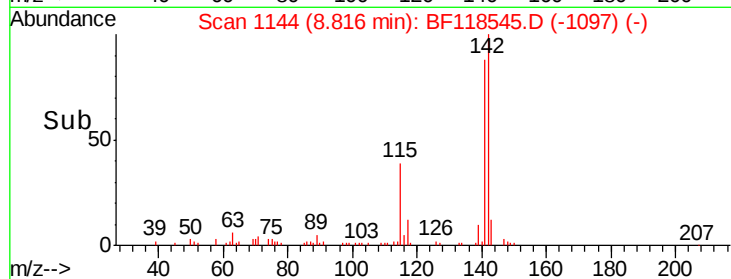
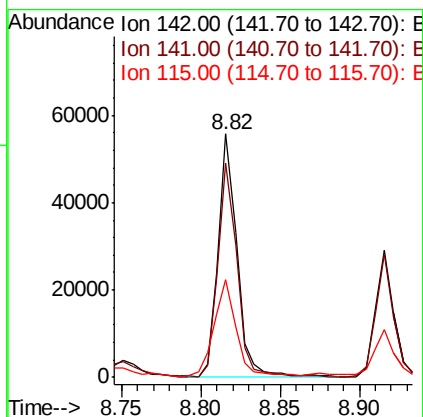
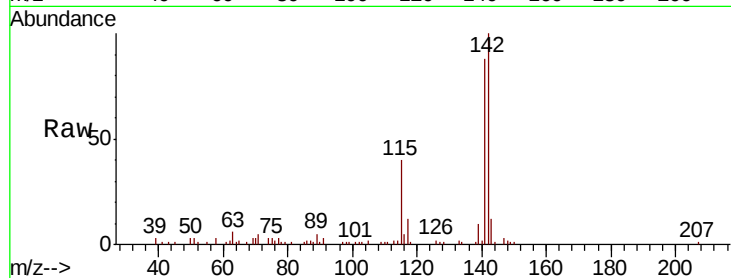




#37
2-Methylnaphthalene
Concen: 2.826 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

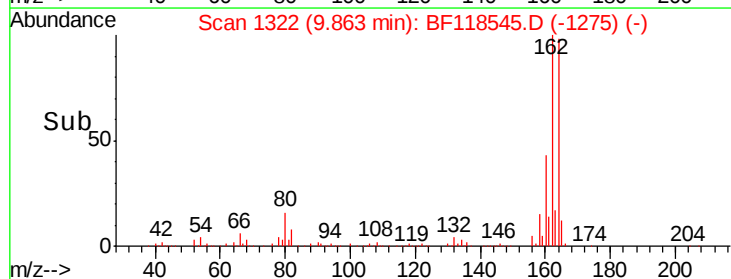
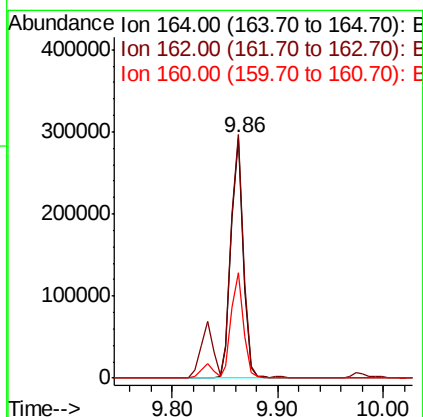
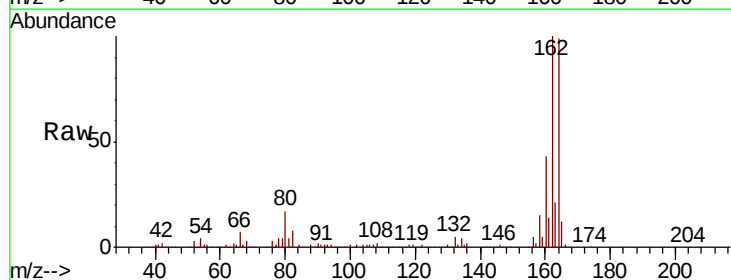
Instrument :
BNA_F
ClientSampleId :

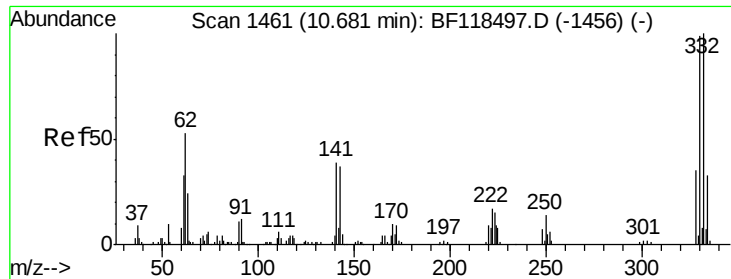
Tot Ion:142 Resp: 46623
Ion Ratio Lower Upper
142 100
141 87.7 73.0 109.6
115 40.1 28.4 42.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion:164 Resp: 231760
Ion Ratio Lower Upper
164 100
162 101.5 84.2 126.4
160 44.1 36.8 55.2

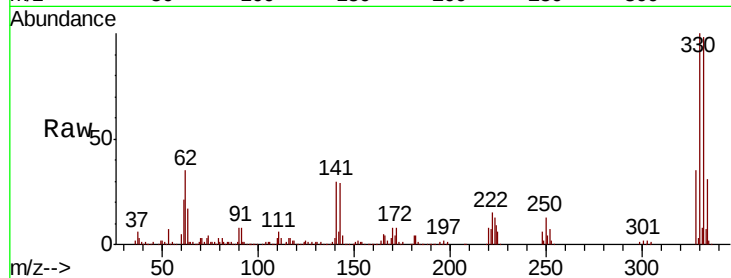




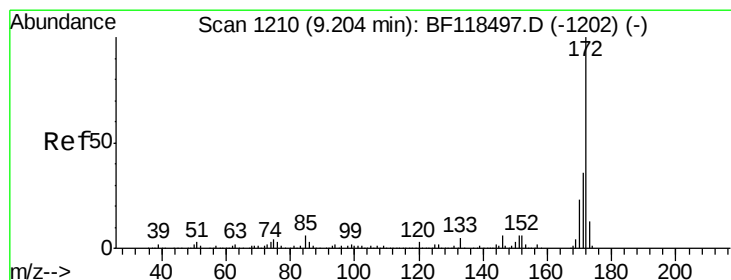
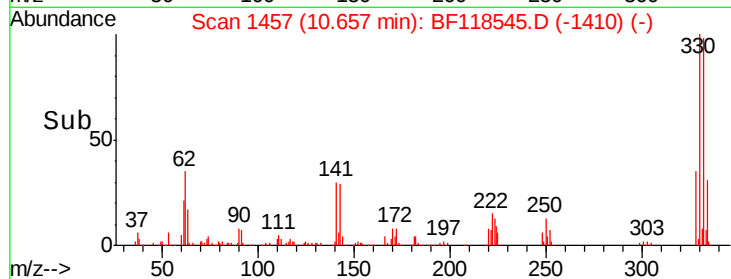
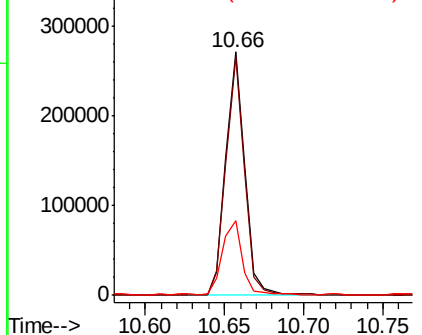
#42
 2,4,6-Tribromophenol
 Concen: 82.614 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF118545.D
 Acq: 13 Jan 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.9	116.9
141	32.5	28.6	43.0

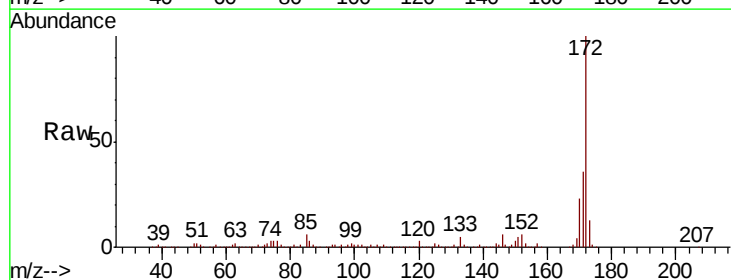


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

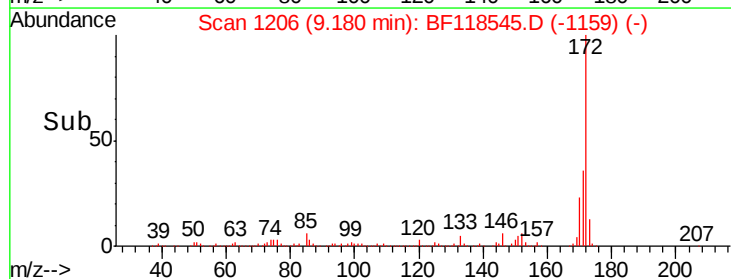
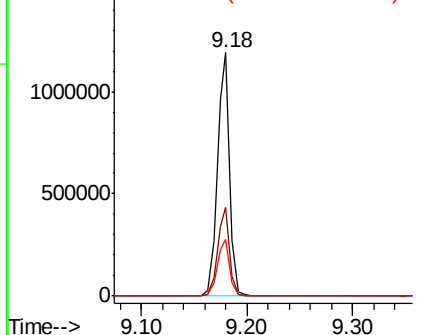


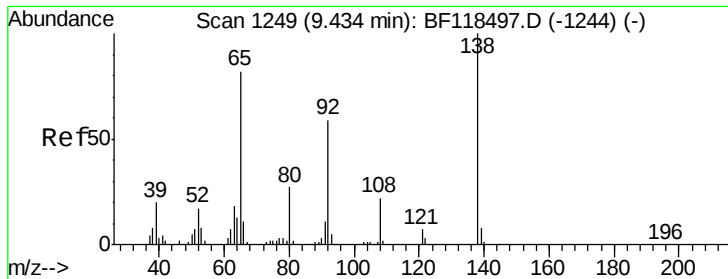
#45
 2-Fluorobiphenyl
 Concen: 60.530 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF118545.D
 Acq: 13 Jan 2020 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.4	18.6	27.8



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

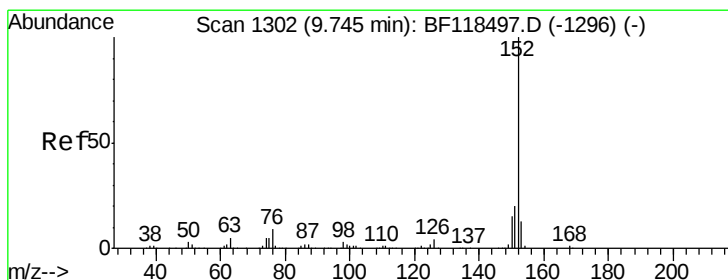
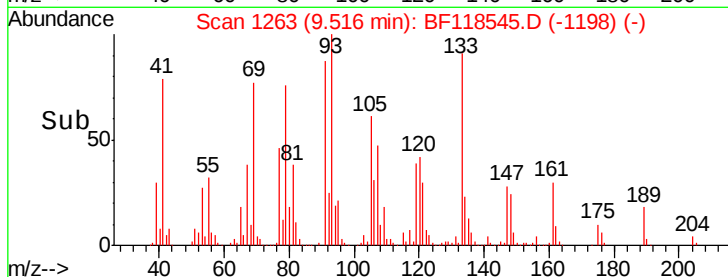
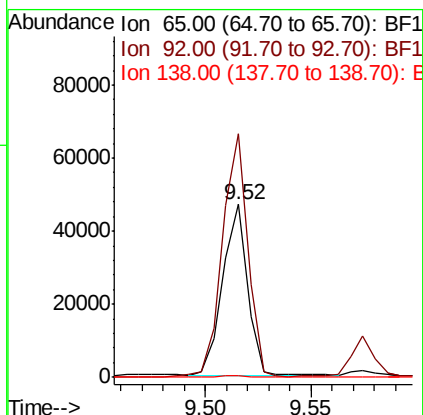
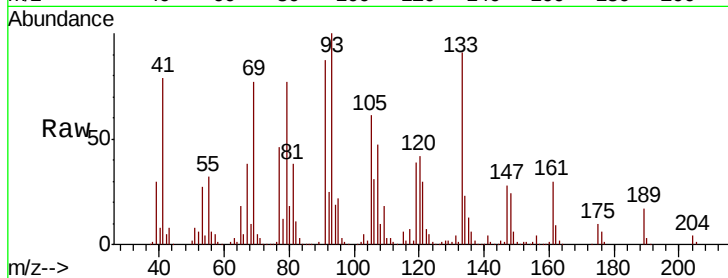




#48
2-Nitroaniline
Concen: 8.794 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.08 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

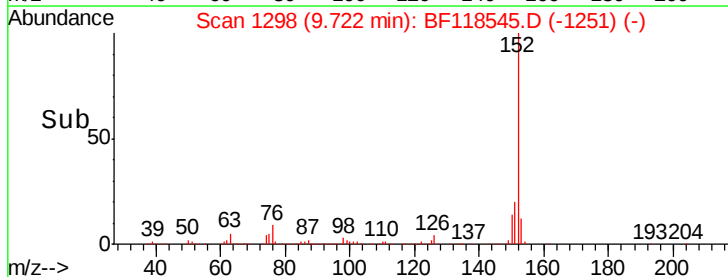
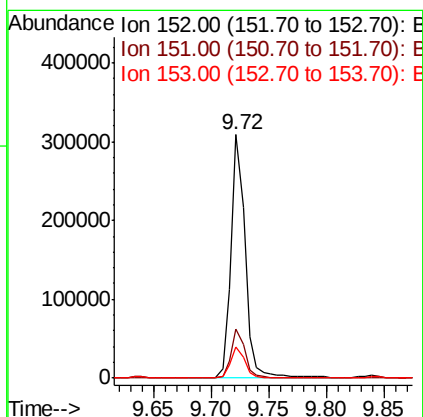
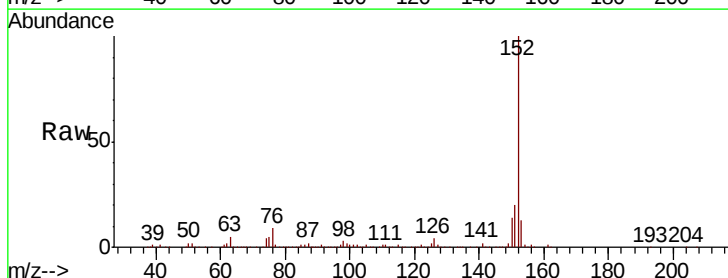
Instrument :
BNA_F
ClientSampleId :

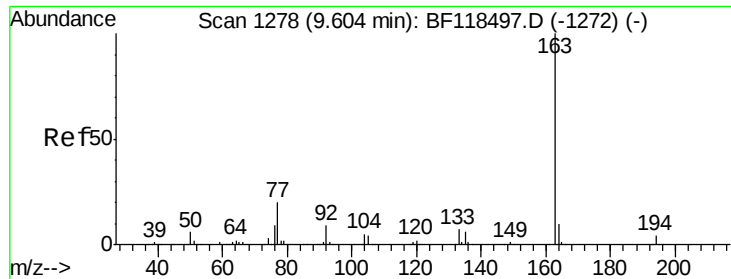
Tot Ion: 65 Resp: 38087
Ion Ratio Lower Upper
65 100
92 140.7 57.7 86.5#
138 1.1 97.2 145.8#



#49
Acenaphthylene
Concen: 11.894 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion: 152 Resp: 265368
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 12.9 10.6 16.0

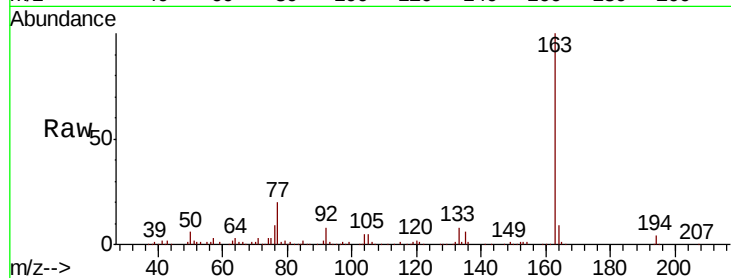




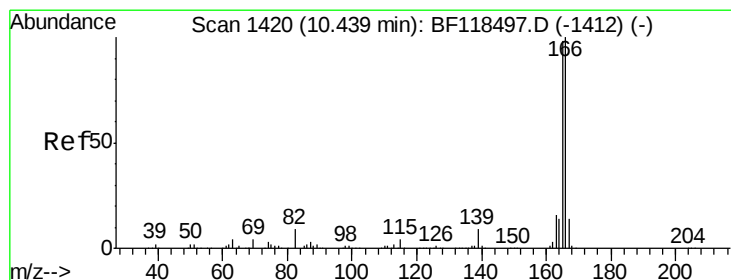
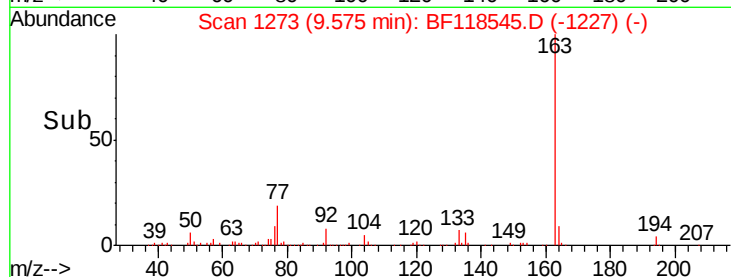
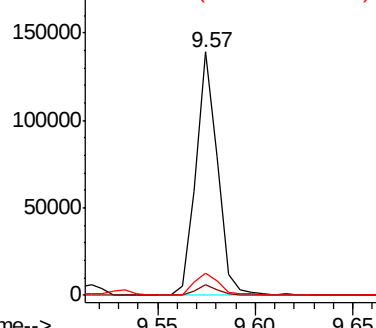
#50
Dimethylphthalate
Concen: 6.021 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	9.4	8.1	12.1

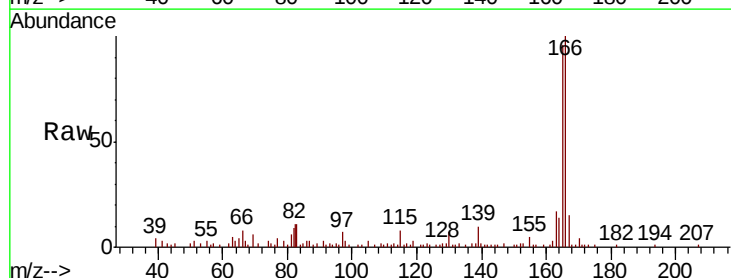


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

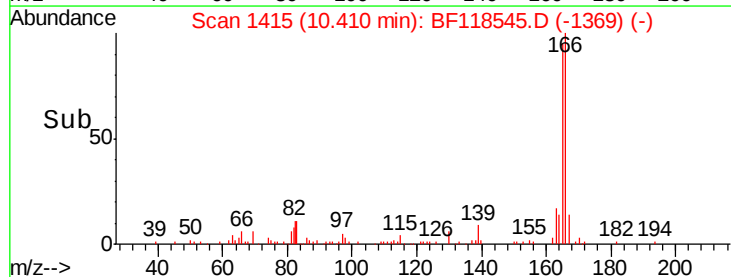
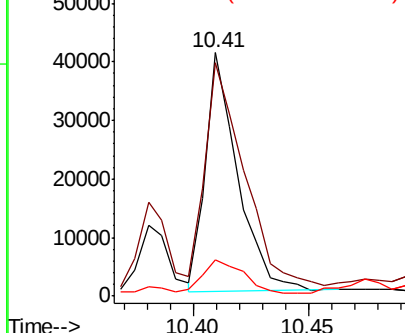


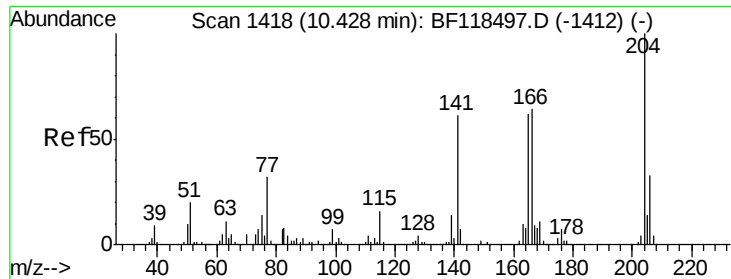
#58
Fluorene
Concen: 2.409 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.03 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.6	117.8
167	15.0	10.8	16.2



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

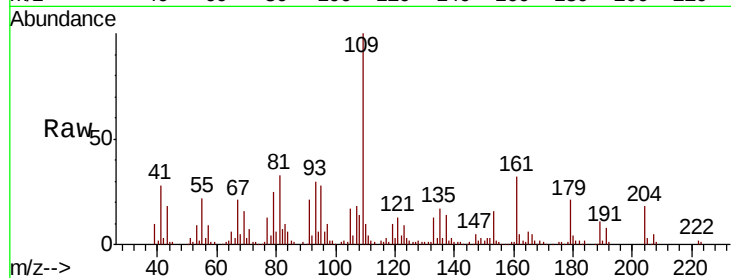




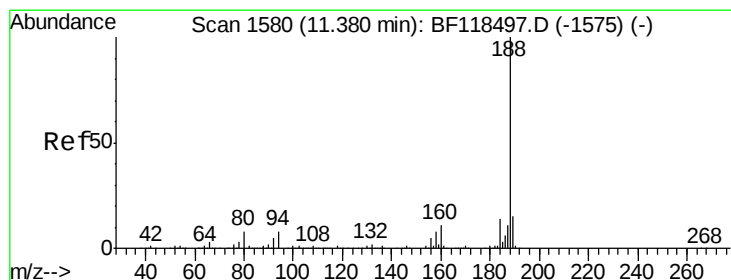
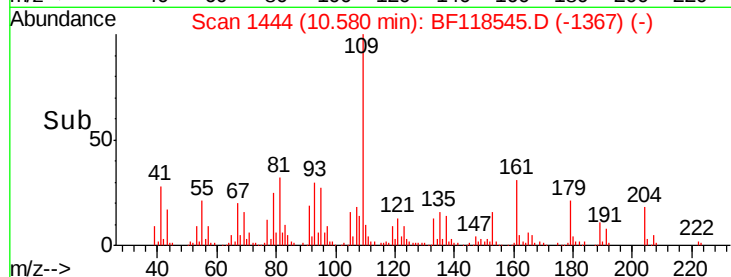
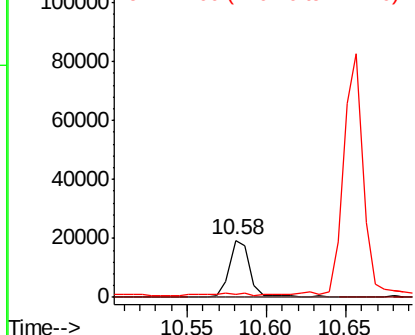
#61
4-Chlorophenyl-phenylether
Concen: 2.176 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.15 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 17882
Ion Ratio Lower Upper
204 100
206 1.8 26.0 39.0#
141 6.3 49.0 73.6#

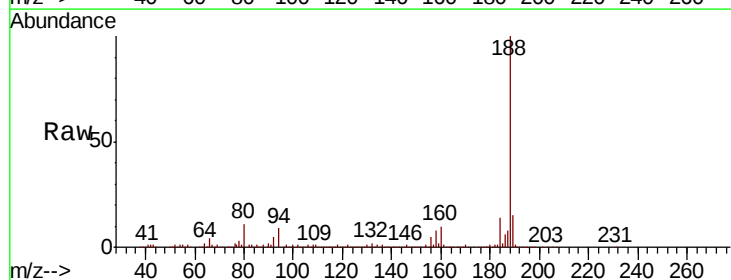


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

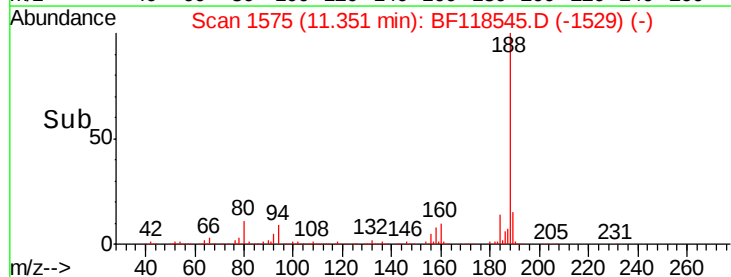
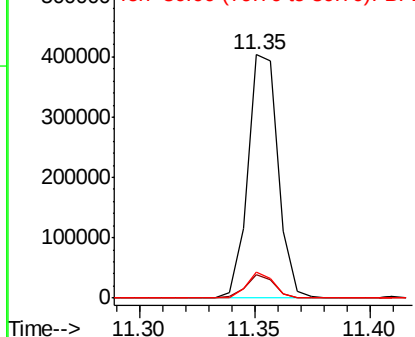


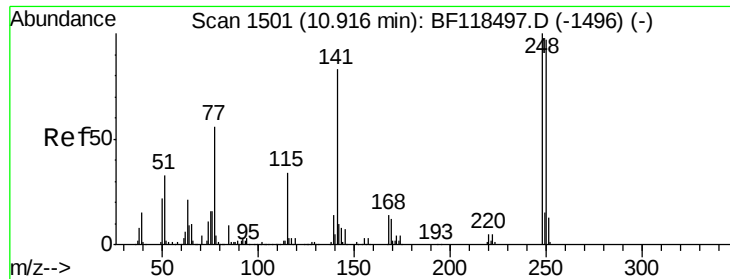
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.03 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion:188 Resp: 370252
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.4#
80 10.7 6.6 10.0#



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

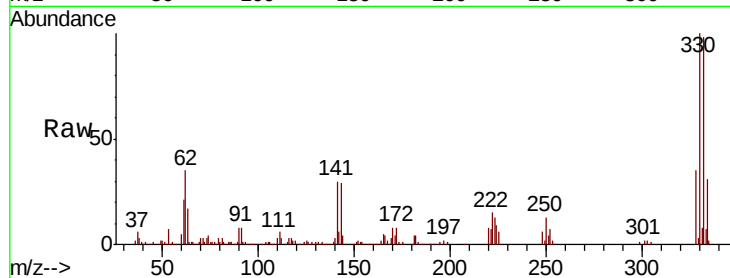




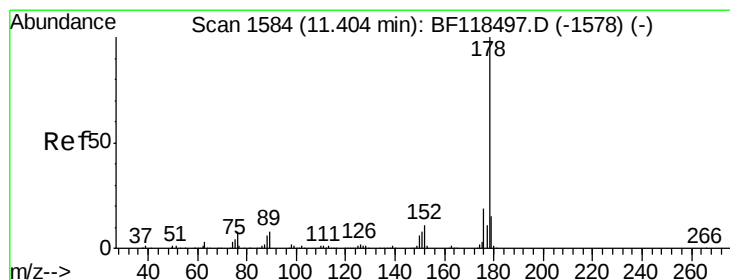
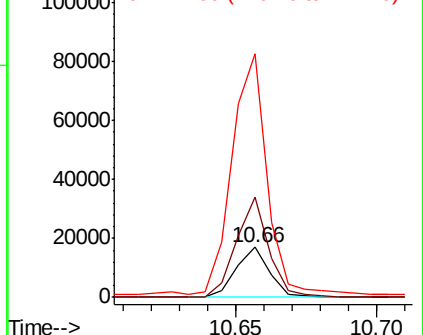
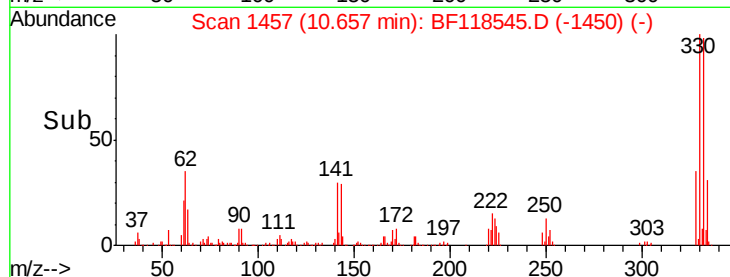
#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13844
Ion Ratio Lower Upper
248 100
250 202.6 77.4 116.0#
141 488.8 66.2 99.4#

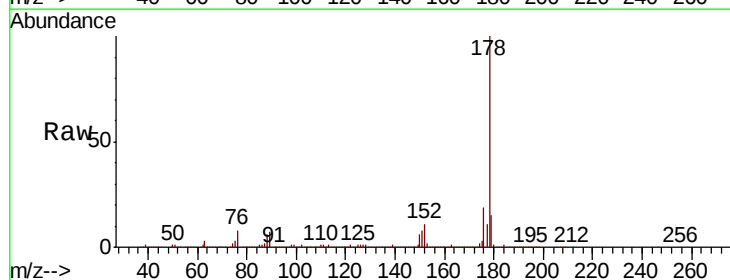


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

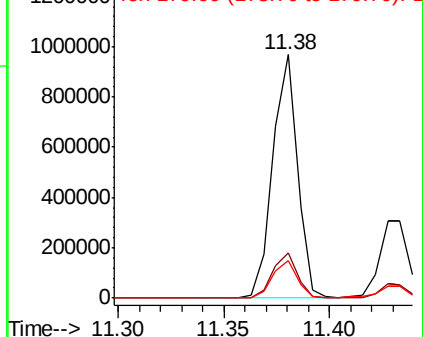
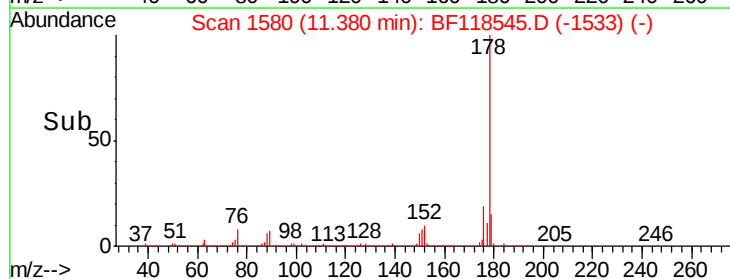


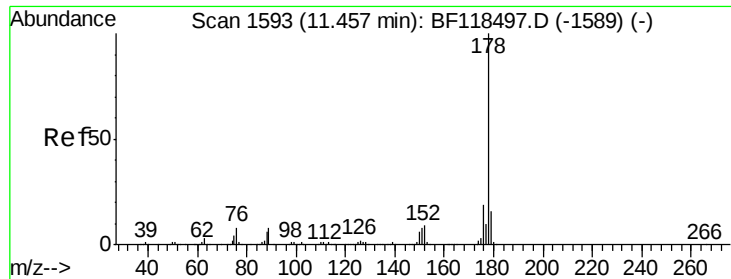
#71
Phenanthrene
Concen: 38.023 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion:178 Resp: 788635
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.3 12.3 18.5



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

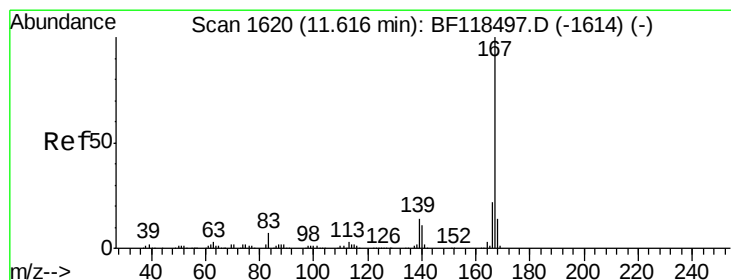
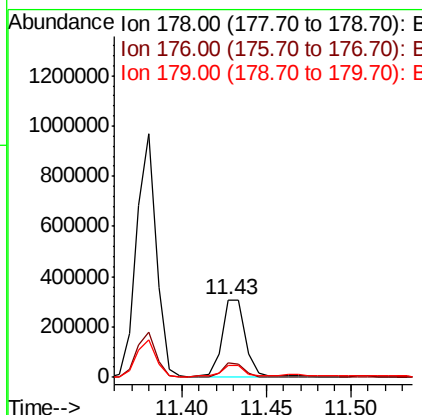
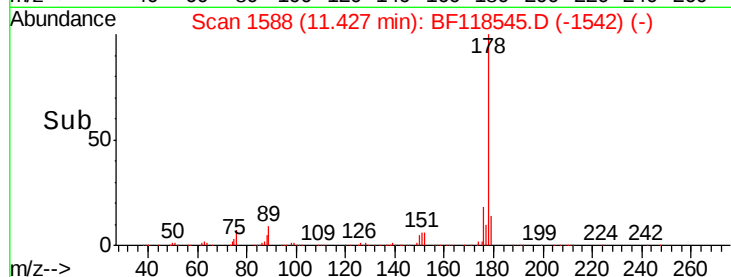
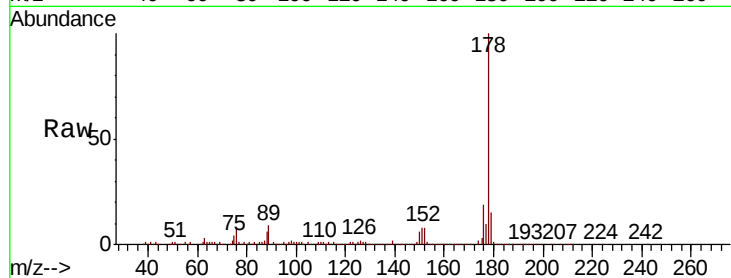




#72
 Anthracene
 Concen: 14.312 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.03 min
 Lab File: BF118545.D
 Acq: 13 Jan 2020 22:02

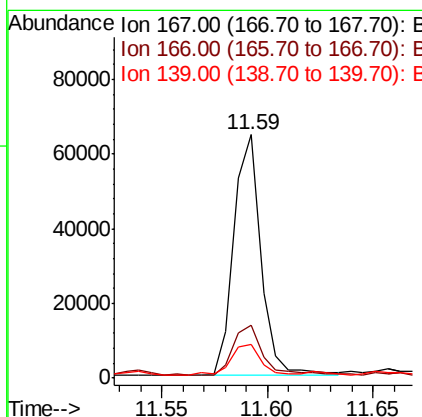
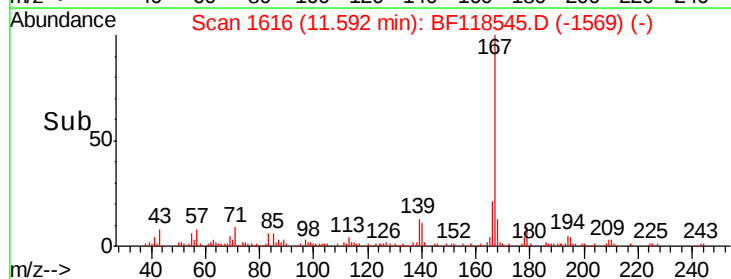
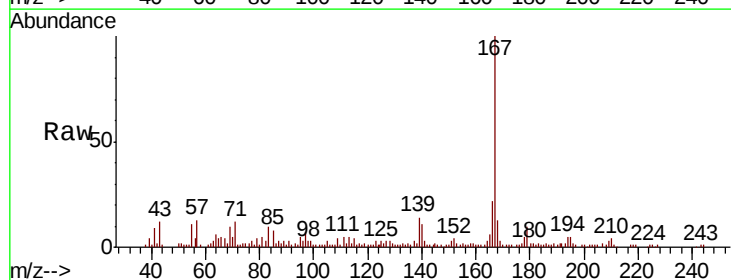
Instrument :
 BNA_F
 ClientSampleId :

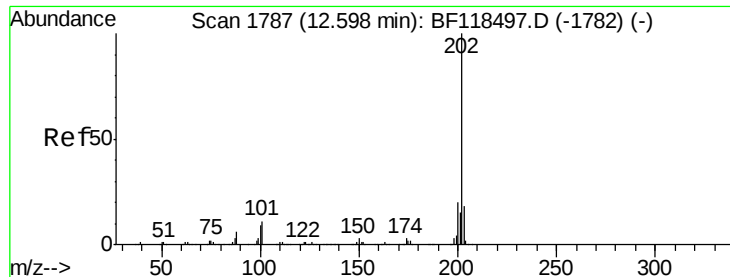
Tot Ion:178 Resp: 295315
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.1 12.6 19.0



#73
 Carbazole
 Concen: 3.201 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF118545.D
 Acq: 13 Jan 2020 22:02

Tgt Ion:167 Resp: 57218
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.7 10.9 16.3





#75

Fluoranthene

Concen: 68.219 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

Instrument :

BNA_F

ClientSampleId :

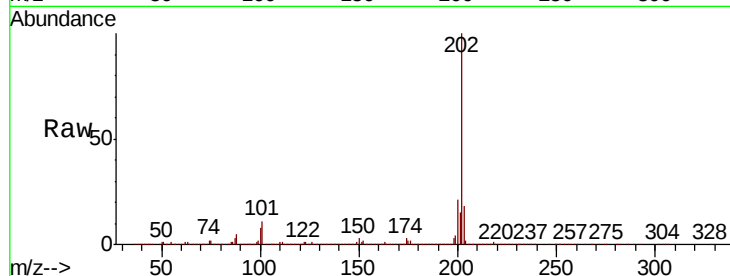
Tot Ion:202 Resp: 1438148

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

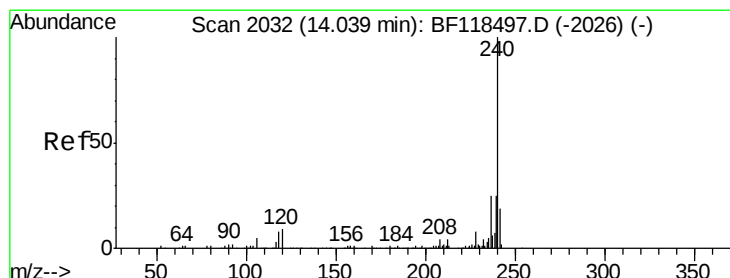
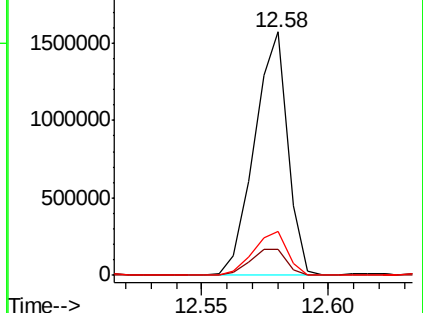
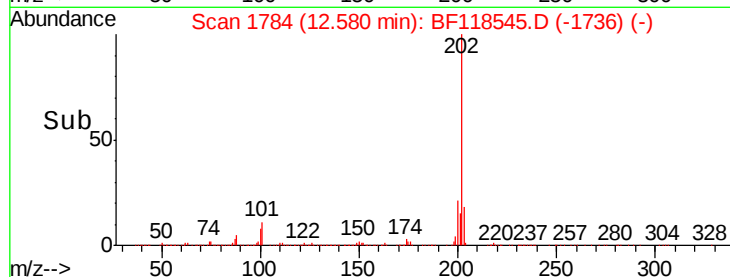
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

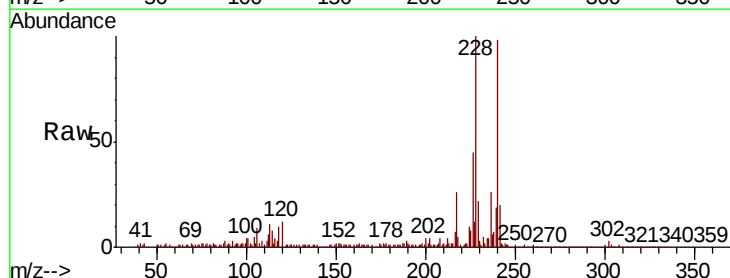
Tgt Ion:240 Resp: 302357

Ion Ratio Lower Upper

240 100

120 12.3 7.0 10.6#

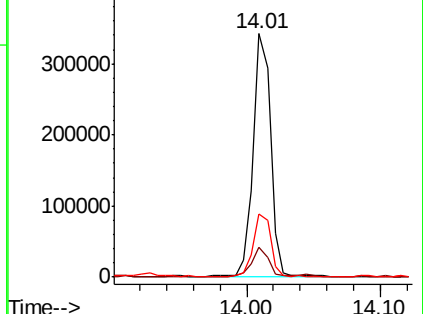
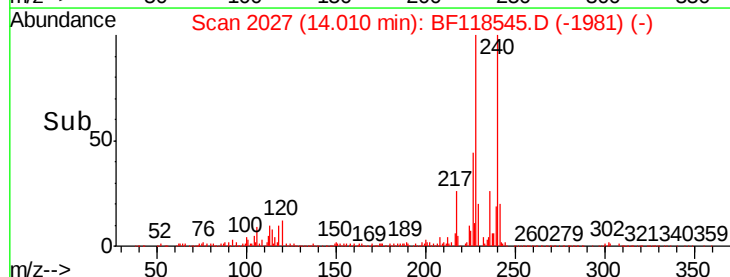
236 26.1 20.1 30.1

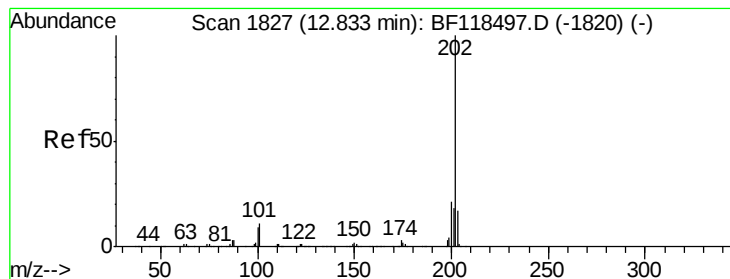


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 59.129 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

Instrument :

BNA_F

ClientSampleId :

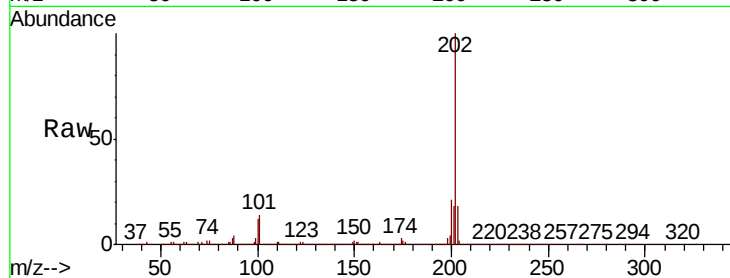
Tot Ion:202 Resp: 1470919

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

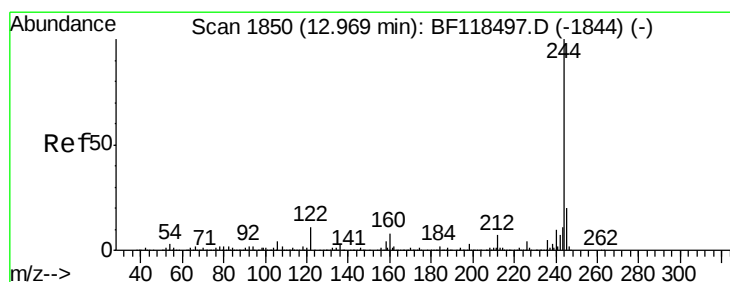
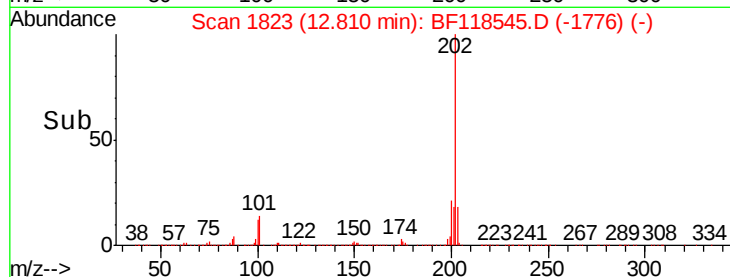
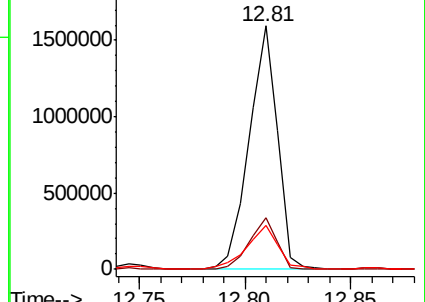
203 18.0 13.9 20.9



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: 50.114 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

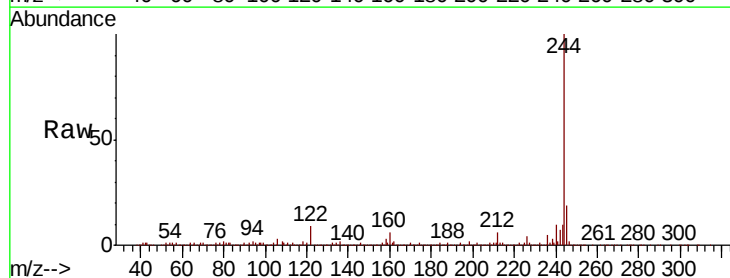
Tgt Ion:244 Resp: 956173

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

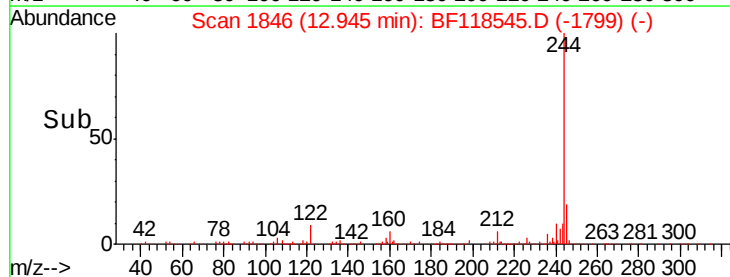
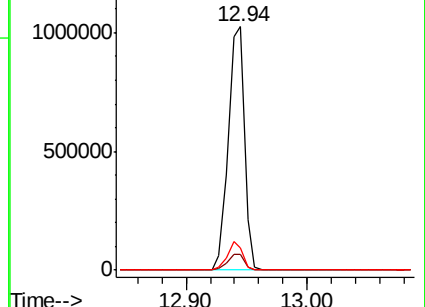
122 9.0 9.0 13.6#

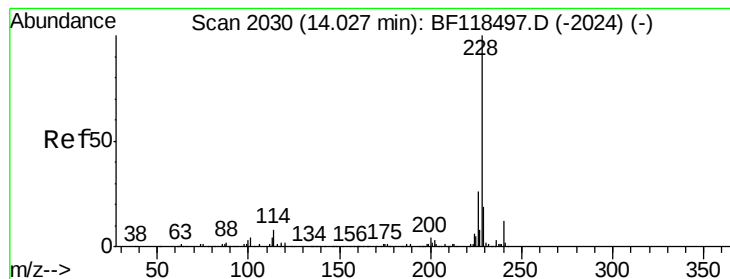


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 37.753 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

Instrument :

BNA_F

ClientSampled :

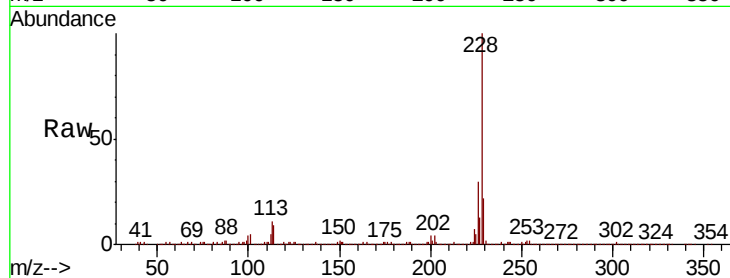
Tot Ion:228 Resp: 798993

Ion Ratio Lower Upper

228 100

226 29.9 20.7 31.1

229 21.9 15.4 23.2

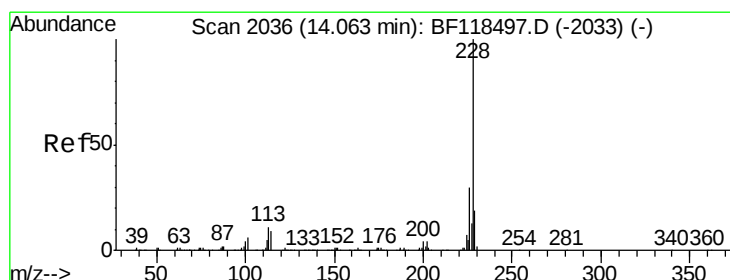
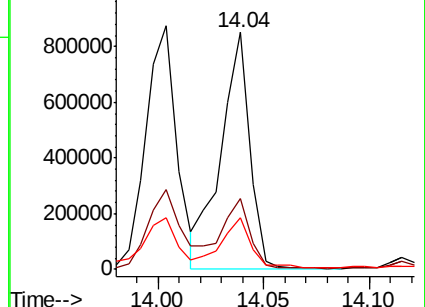
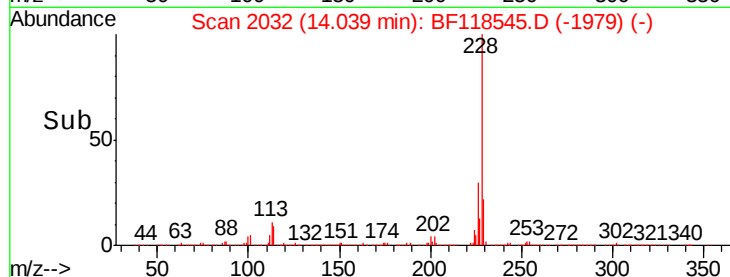


Abundance

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



#83

Chrysene

Concen: 38.851 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

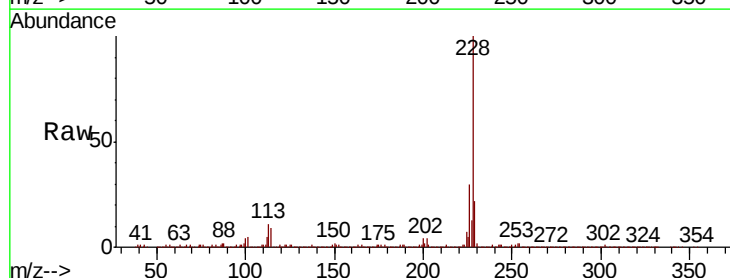
Tgt Ion:228 Resp: 798993

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

229 21.9 15.6 23.4

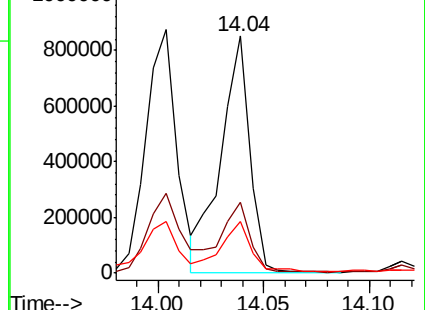
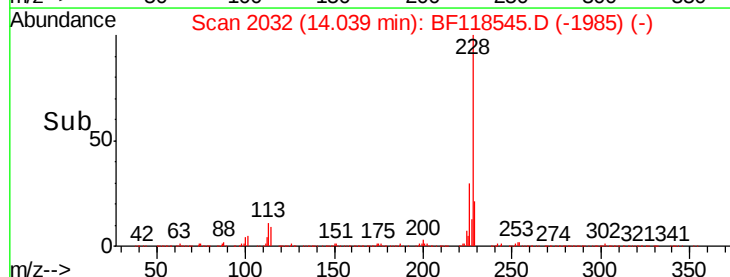


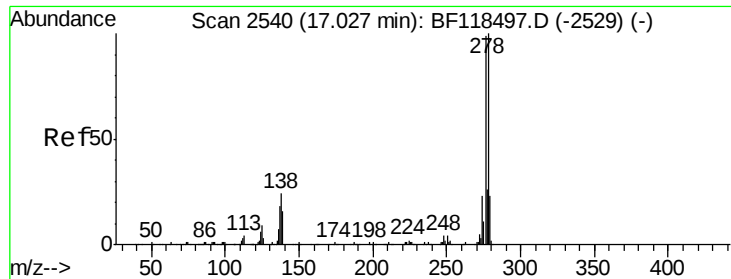
Abundance

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

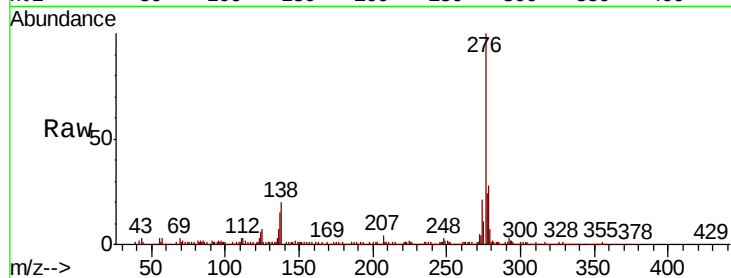




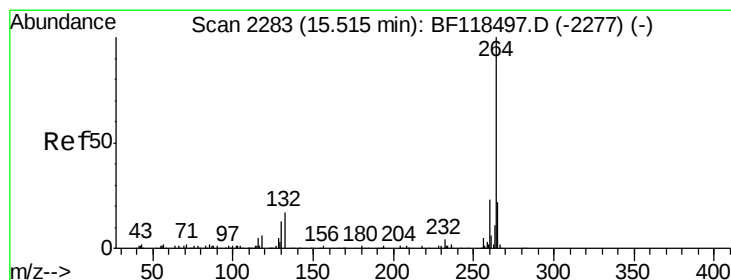
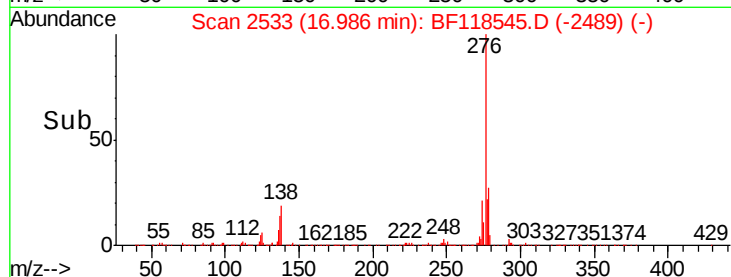
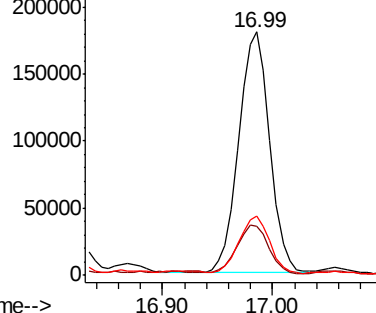
#86
Indeno(1,2,3-cd)pyrene
Concen: 21.249 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 351814
Ion Ratio Lower Upper
276 100
138 20.4 19.0 28.4
277 22.9 20.5 30.7

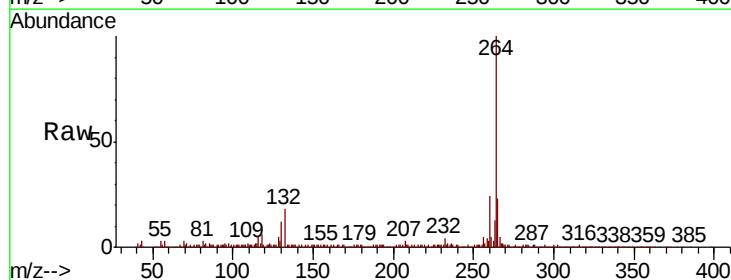


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

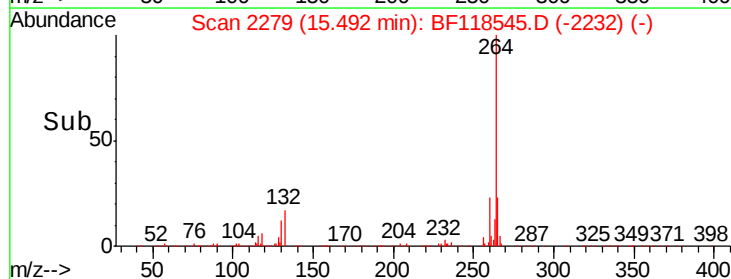
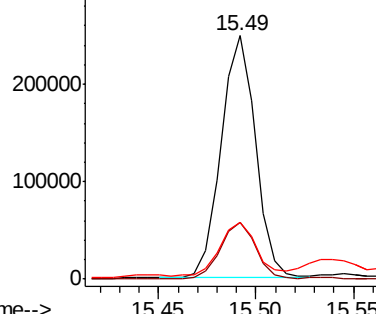


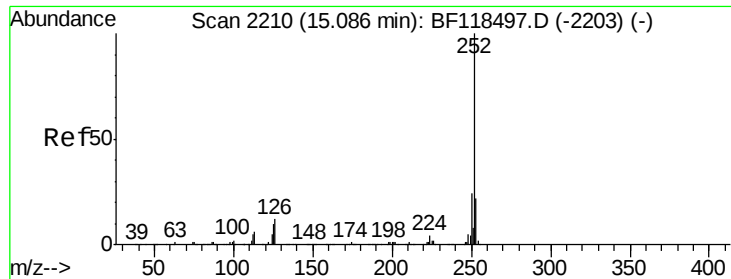
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion:264 Resp: 302621
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 23.1 17.5 26.3



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

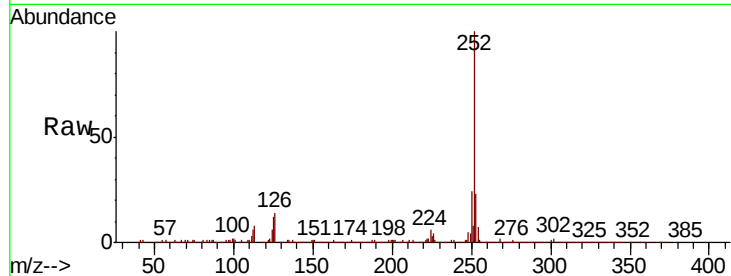




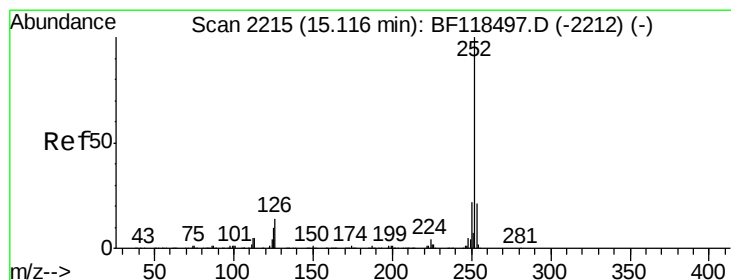
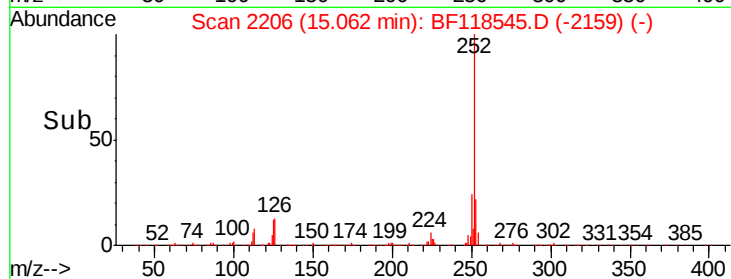
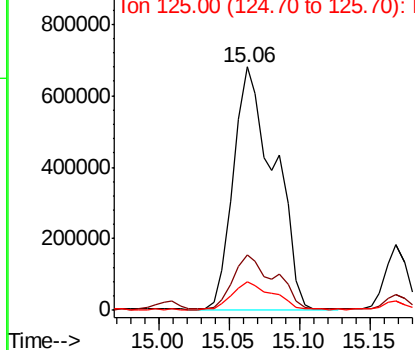
#88
Benzo(b)fluoranthene
Concen: 62.657 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1370874
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.9 7.8 11.6#

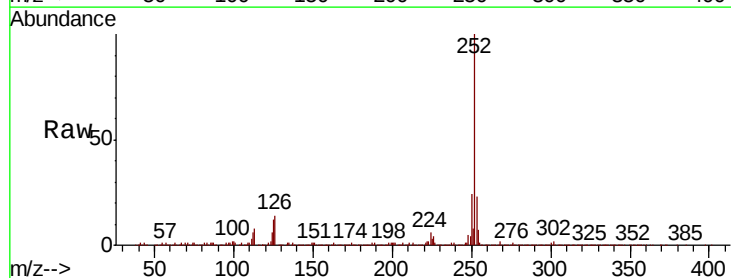


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

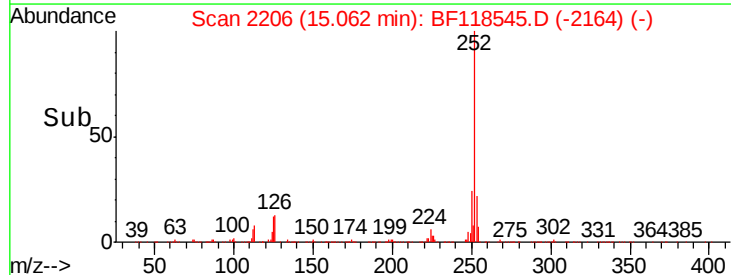
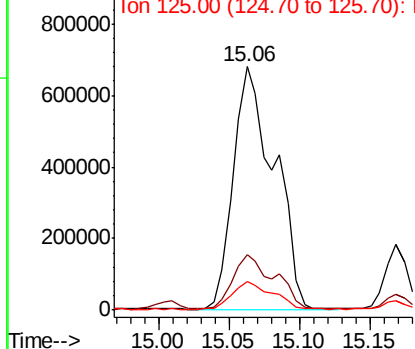


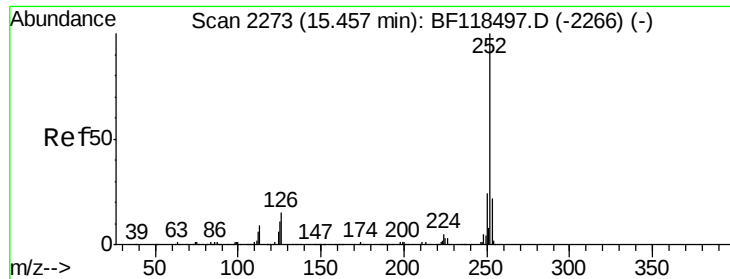
#89
Benzo(k)fluoranthene
Concen: 65.643 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF118545.D
Acq: 13 Jan 2020 22:02

Tgt Ion:252 Resp: 1370874
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 11.9 7.8 11.6#



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





#90

Benzo(a)pyrene

Concen: 36.235 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

Instrument :

BNA_F

ClientSampleId :

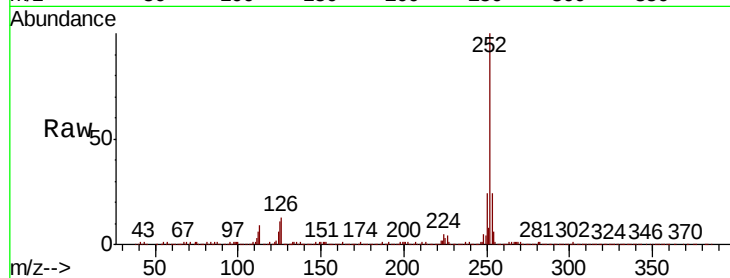
Tot Ion:252 Resp: 649685

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

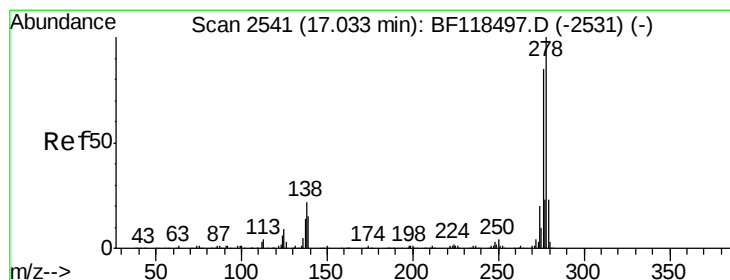
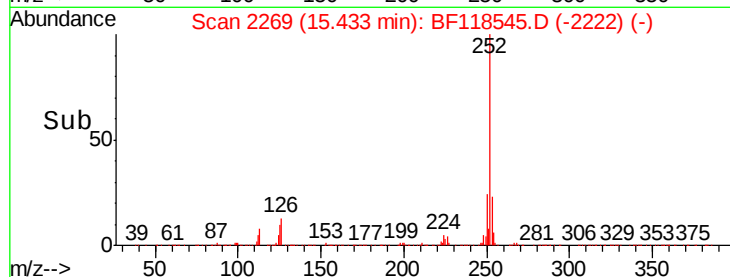
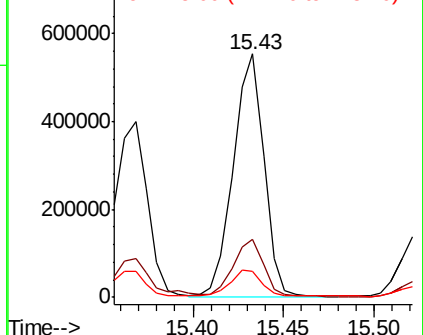
125 10.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 4.863 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.12 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

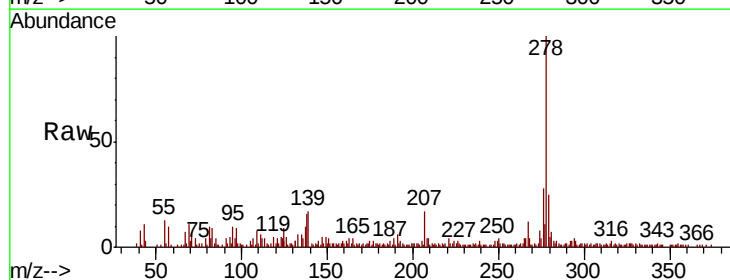
Tgt Ion:278 Resp: 81750

Ion Ratio Lower Upper

278 100

139 17.2 11.9 17.9

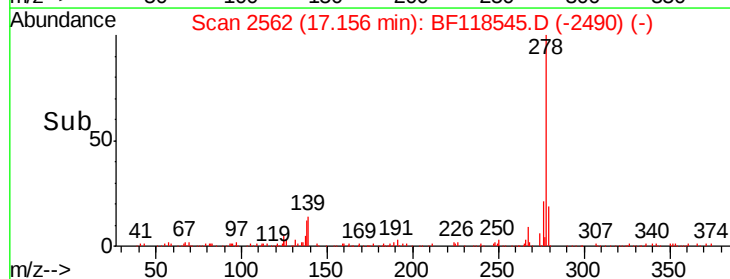
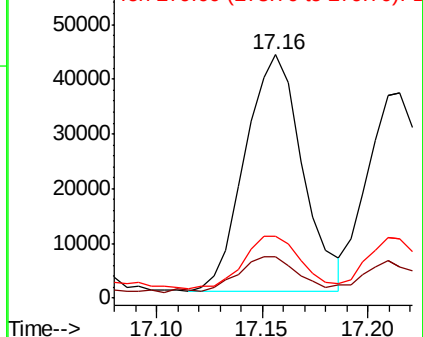
279 25.4 18.6 27.8

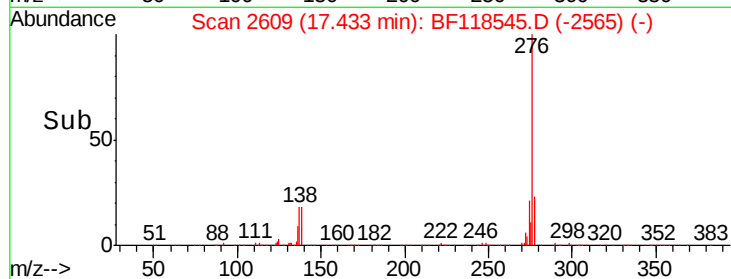
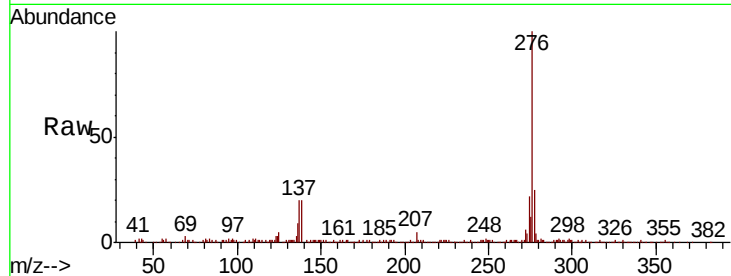
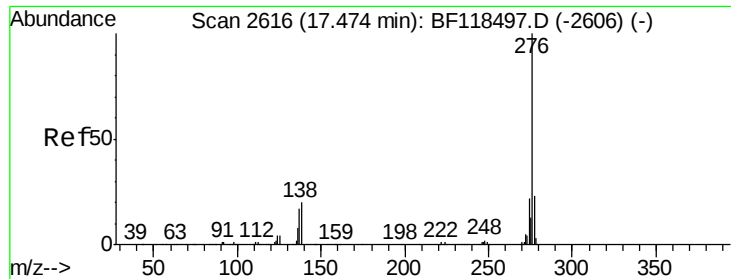


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 19.253 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.04 min

Lab File: BF118545.D

Acq: 13 Jan 2020 22:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 306694

Ion Ratio Lower Upper

276 100

277 24.5 18.2 27.4

138 20.3 16.3 24.5

