

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116744.D
 Acq On : 1 Sep 2019 15:59
 Operator : HP/JU
 Sample : K4544-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 05:24:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121397	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	476316	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	237165	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	334587	20.00	ng	0.00
76) Chrysene-d12	14.00	240	219241	20.00	ng	0.00
87) Perylene-d12	15.47	264	234136	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	684286	91.32	ng	0.00
7) Phenol-d6	6.47	99	925893	94.10	ng	0.00
23) Nitrobenzene-d5	7.40	82	562359	67.40	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	137769	86.89	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	885074	62.95	ng	0.00
79) Terphenyl-d14	12.95	244	630682	53.22	ng	0.00

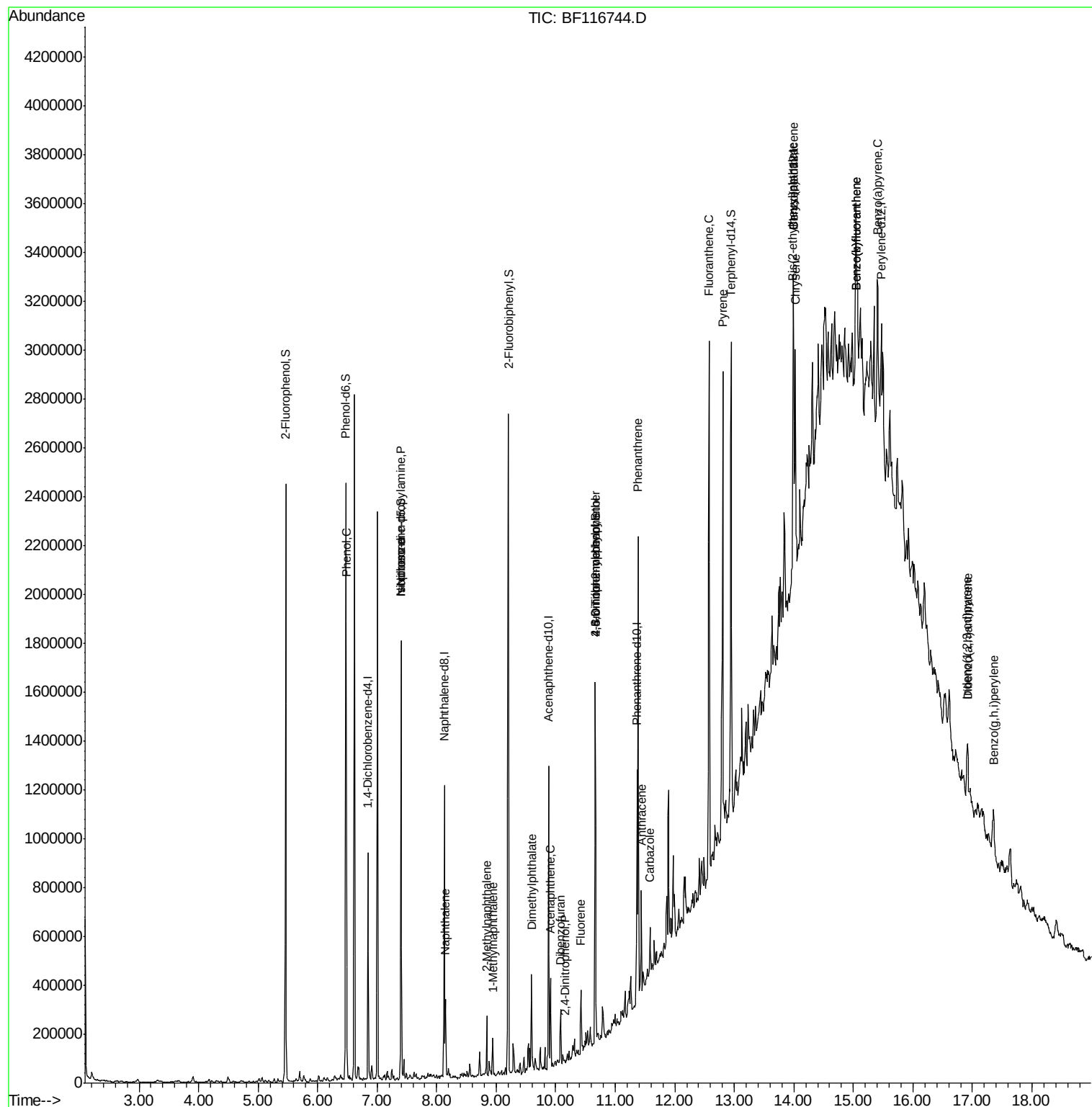
Target Compounds				Qvalue		
10) Phenol	6.49	94	68672	6.303	ng	94
19) n-Nitroso-di-n-propylamine	7.40	70	76118	11.749	ng	# 71
25) Isophorone	7.40	82	558106	33.010	ng	# 67
31) Naphthalene	8.15	128	126581	5.589	ng	99
37) 2-Methylnaphthalene	8.84	142	58020	3.850	ng	94
38) 1-Methylnaphthalene	8.94	142	39012	2.742	ng	95
50) Dimethylphthalate	9.59	163	135024	8.246	ng	97
52) Acenaphthene	9.91	154	66682	5.037	ng	95
54) 2,4-Dinitrophenol	10.16	184	245	9.237	ng	# 14
55) Dibenzofuran	10.08	168	58636	3.142	ng	# 96
58) Fluorene	10.42	166	62354	4.385	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.66	198	411	7.733	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	8783	2.584	ng	# 1
71) Phenanthrene	11.39	178	662134	35.550	ng	99
72) Anthracene	11.43	178	163164	8.703	ng	99
73) Carbazole	11.59	167	79149	4.432	ng	97
75) Fluoranthene	12.57	202	833561	45.540	ng	97
78) Pyrene	12.80	202	772307	39.628	ng	98
81) Benzo(a)anthracene	13.99	228	410110	29.556	ng	97
83) Chrysene	14.03	228	385125	26.941	ng	97
84) Bis(2-ethylhexyl)phthalate	13.98	149	33303	2.847	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	173833	15.139	ng	98
88) Benzo(b)fluoranthene	15.04	252	599191	42.329	ng	# 88
89) Benzo(k)fluoranthene	15.04	252	599191	46.425	ng	# 88
90) Benzo(a)pyrene	15.40	252	320285	26.007	ng	# 89
91) Dibenzo(a,h)anthracene	16.92	278	47527	4.409	ng	# 69
92) Benzo(g,h,i)perylene	17.35	276	159979	14.551	ng	# 89

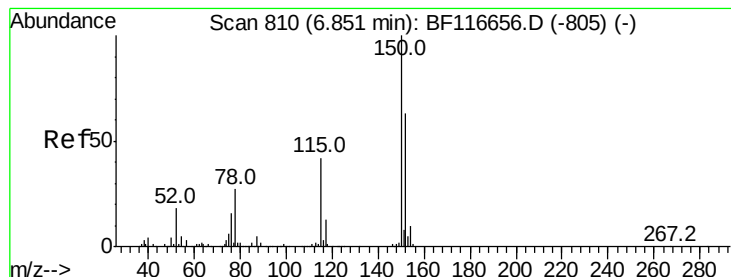
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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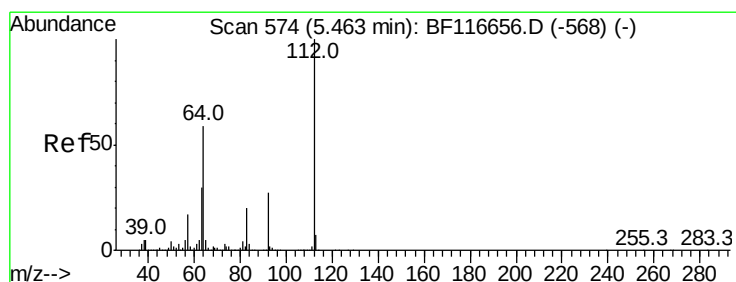
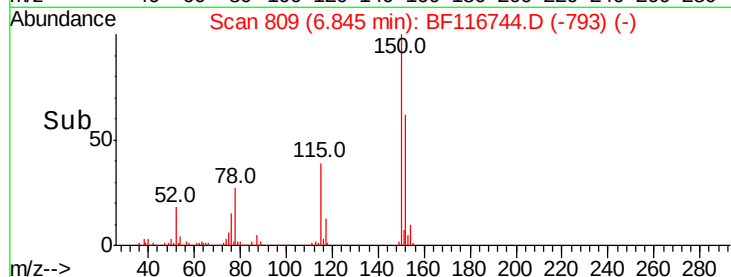
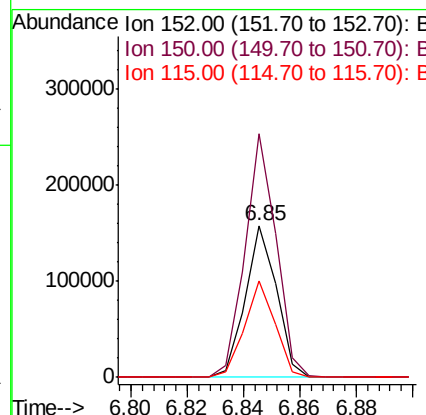
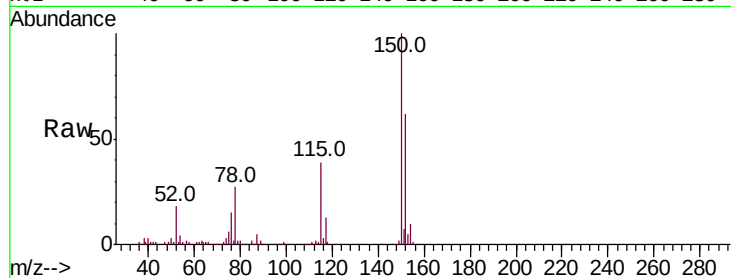


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Instrument :
BNA_F
ClientSampleId :

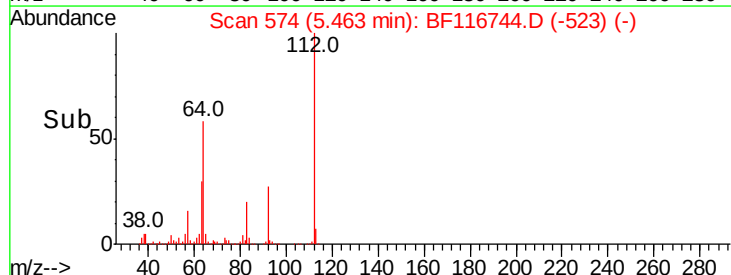
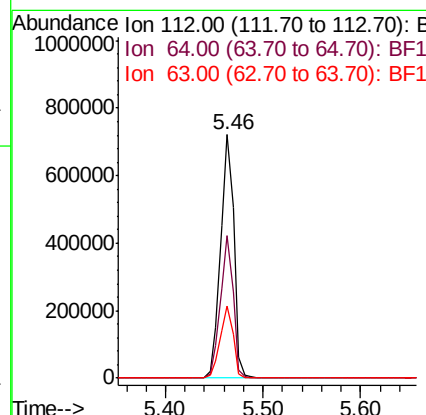
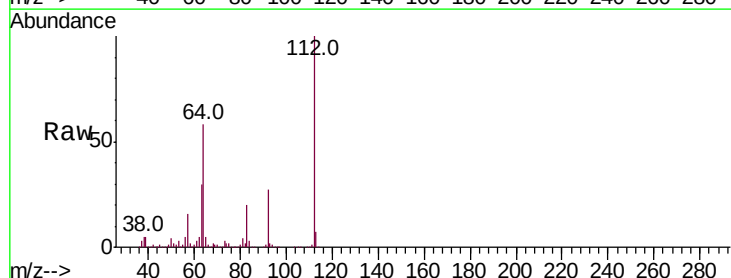
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.4	186.6
115	63.5	49.9	74.9

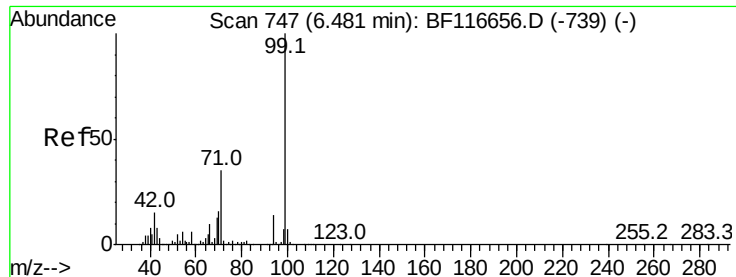


#5

2-Fluorophenol
Concen: 91.319 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.1	70.7
63	29.5	24.9	37.3





#7

Phenol-d6

Concen: 94.098 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

Instrument :

BNA_F

ClientSampleId :

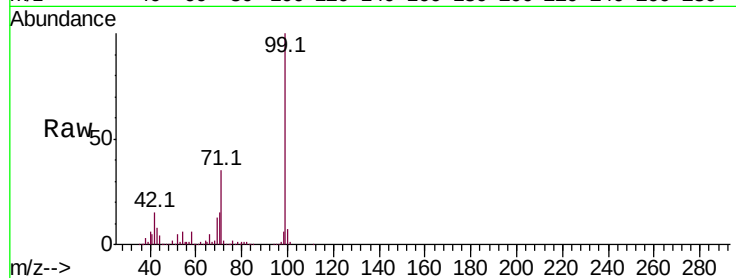
Tot Ion: 99 Resp: 925893

Ion Ratio Lower Upper

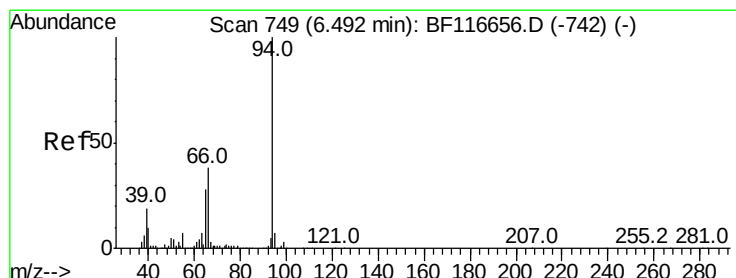
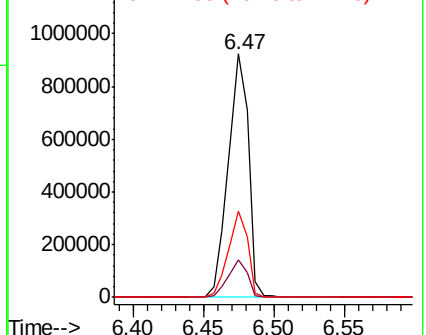
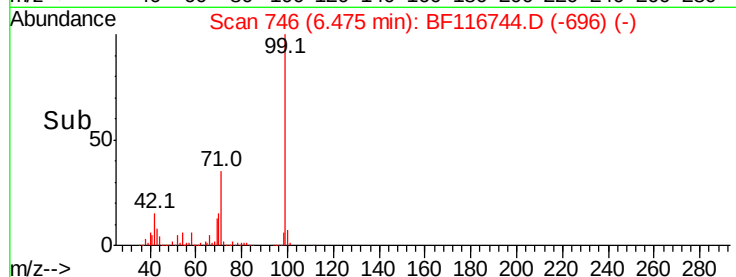
99 100

42 15.3 13.7 20.5

71 35.2 30.8 46.2



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



#10

Phenol

Concen: 6.303 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

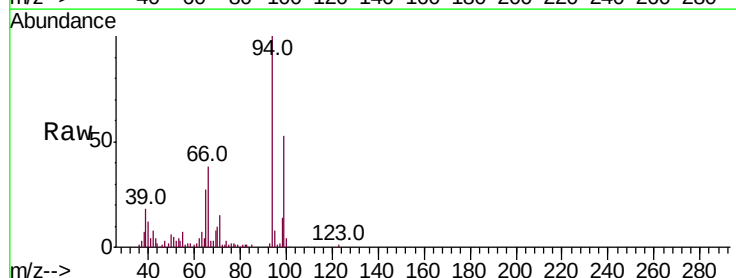
Tgt Ion: 94 Resp: 68672

Ion Ratio Lower Upper

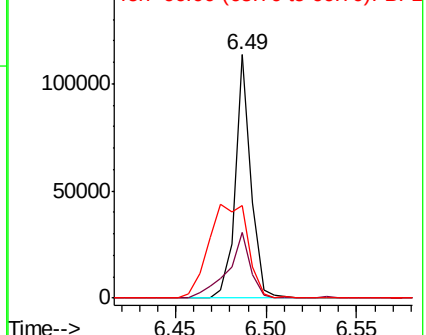
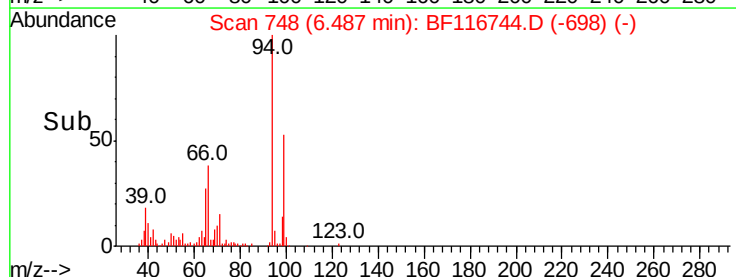
94 100

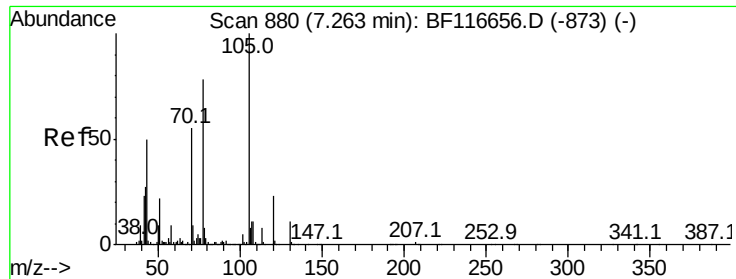
65 27.0 10.8 50.8

66 38.0 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

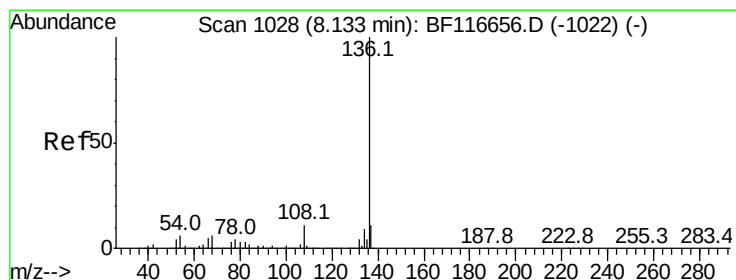
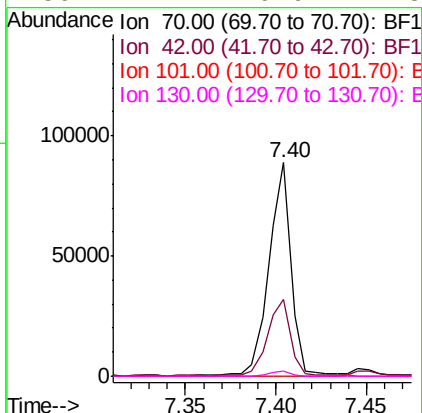
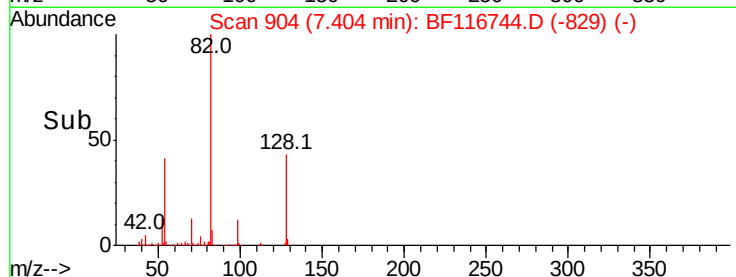
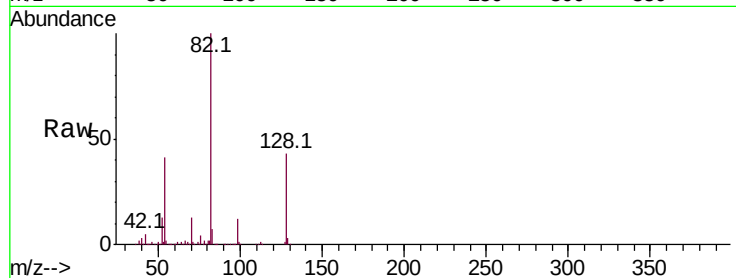




#19
n-Nitroso-di-n-propylamine
Concen: 11.749 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

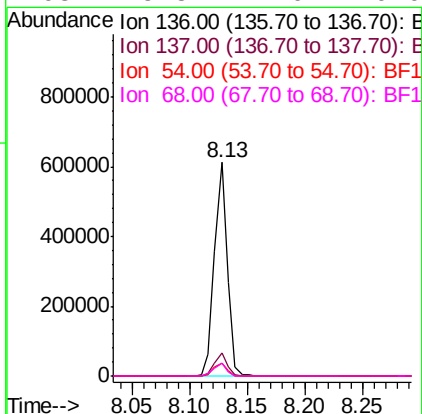
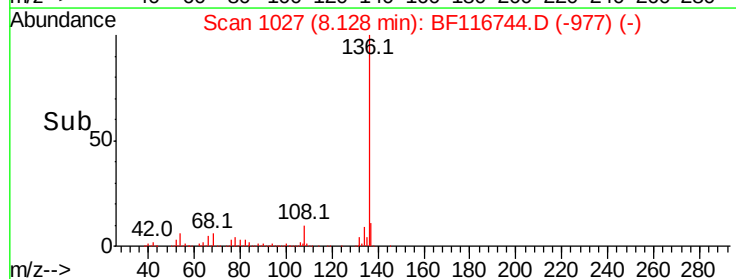
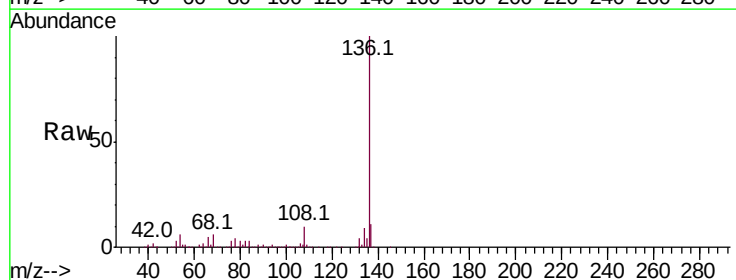
Instrument :
BNA_F
ClientSampleId :

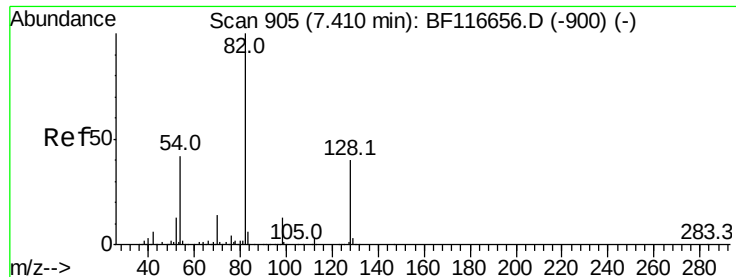
Tot Ion: 70 Resp: 76118
Ion Ratio Lower Upper
70 100
42 35.7 43.5 65.3#
101 0.0 7.8 11.6#
130 2.4 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Tgt Ion: 136 Resp: 476316
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.3 4.8 7.2
68 5.8 4.0 6.0

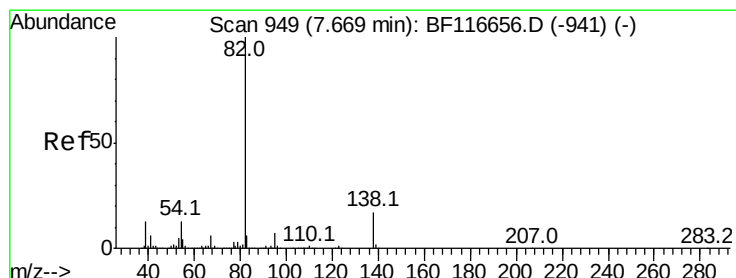
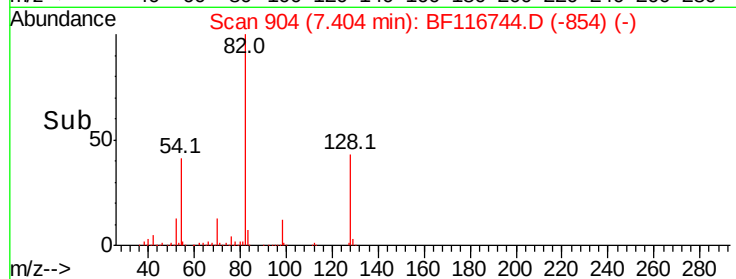
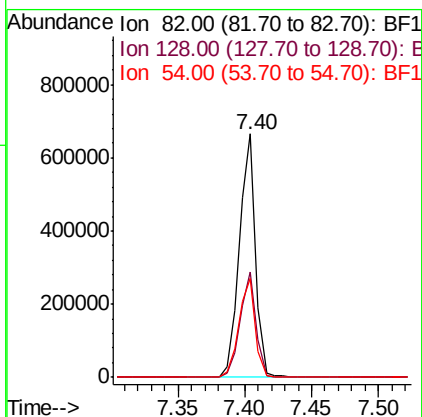
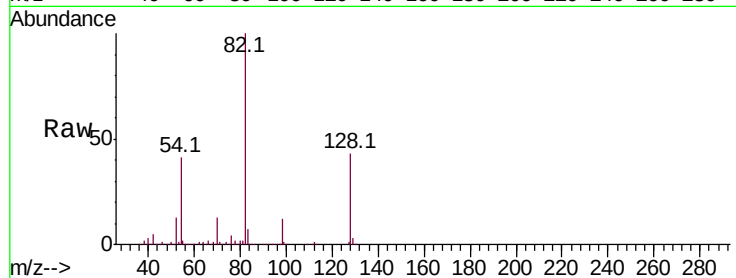




#23
Nitrobenzene-d5
Concen: 67.400 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

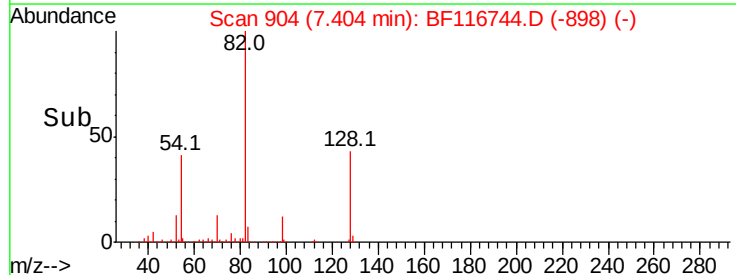
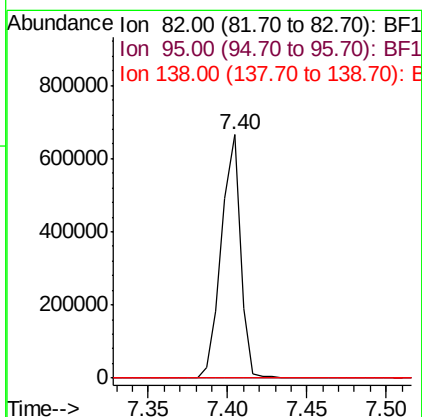
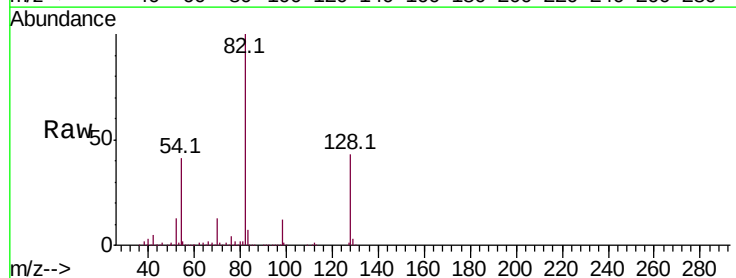
Instrument :
BNA_F
ClientSampleId :

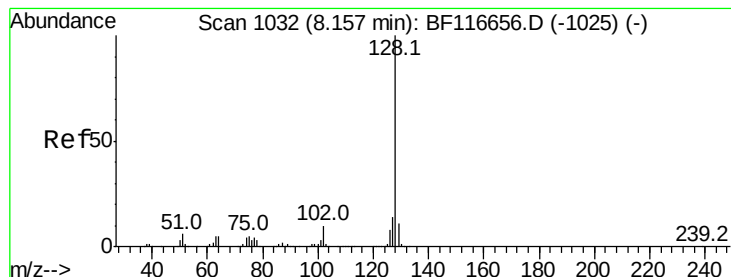
Tot Ion	82	Resp	562359
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.8	49.2
54	40.6	36.9	55.3



#25
Isophorone
Concen: 33.010 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Tgt Ion	82	Resp	558106
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.8	8.6#
138	0.0	13.5	20.3#





#31

Naphthalene

Concen: 5.589 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

Instrument :

BNA_F

ClientSampleId :

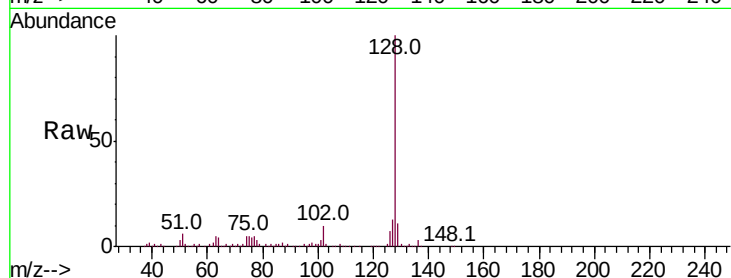
Tot Ion:128 Resp: 126581

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

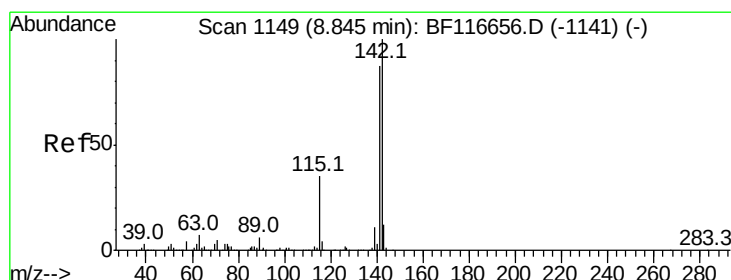
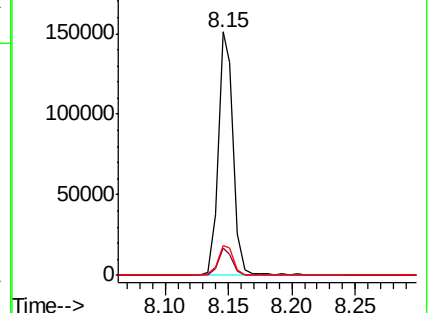
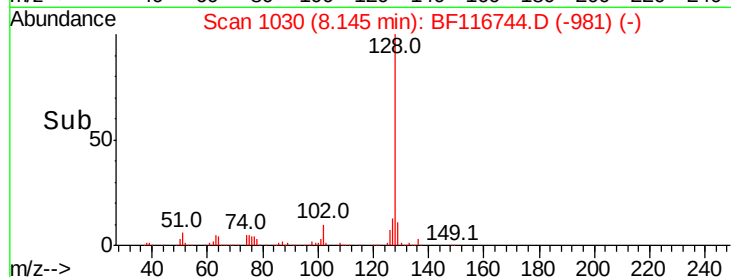
127 12.5 10.4 15.6



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



#37

2-Methylnaphthalene

Concen: 3.850 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

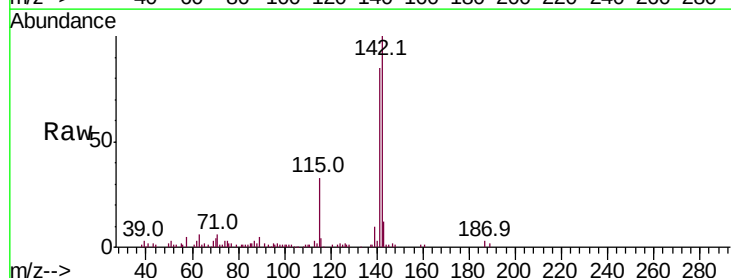
Tgt Ion:142 Resp: 58020

Ion Ratio Lower Upper

142 100

141 85.3 72.6 109.0

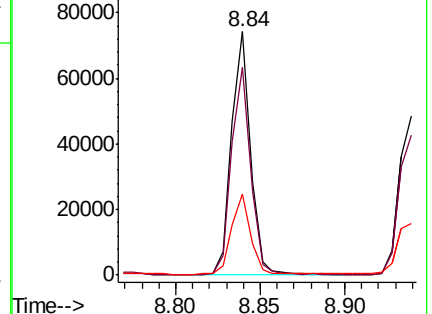
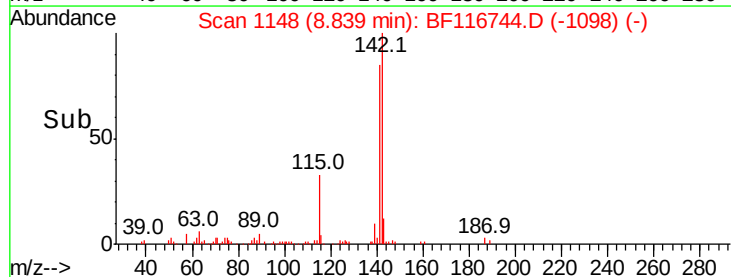
115 33.2 29.8 44.6

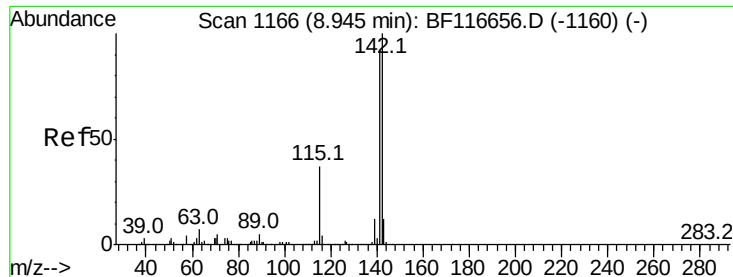


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

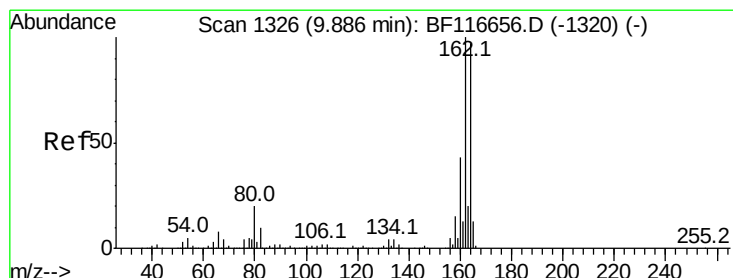
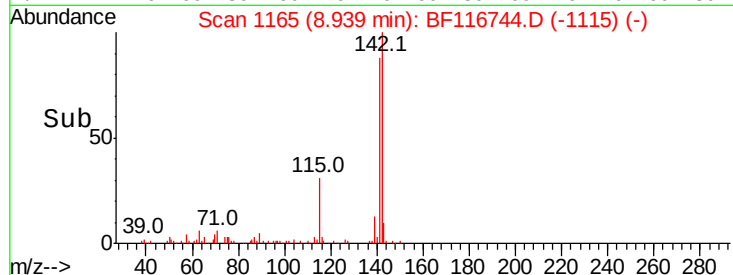
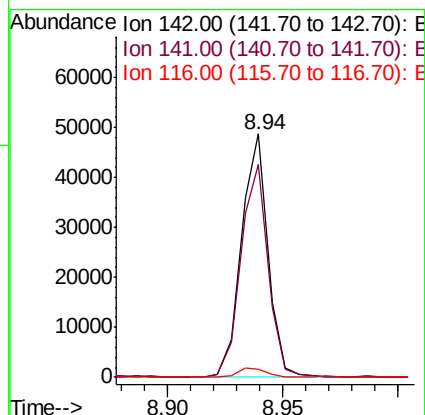
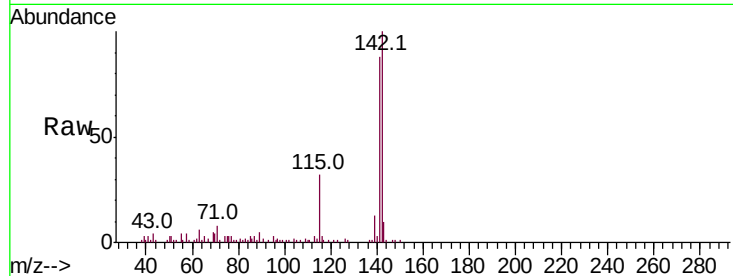




#38
1-Methylnaphthalene
Concen: 2.742 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

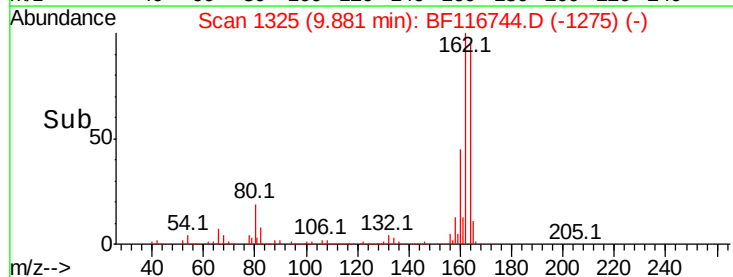
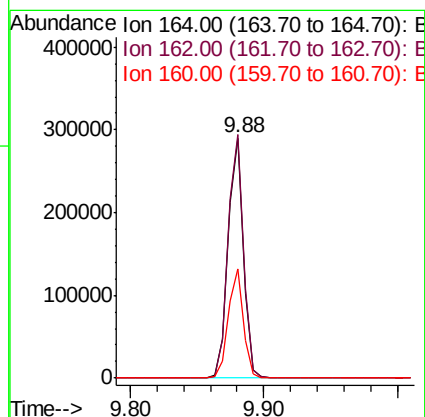
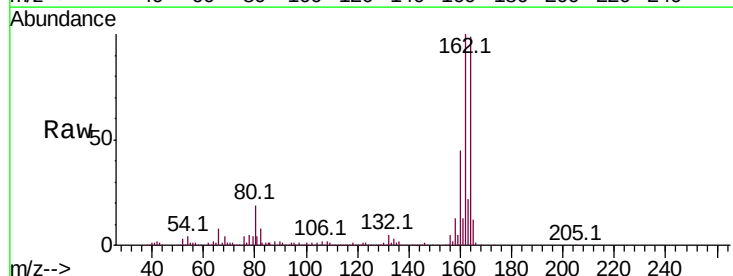
Instrument :
BNA_F
ClientSampleId :

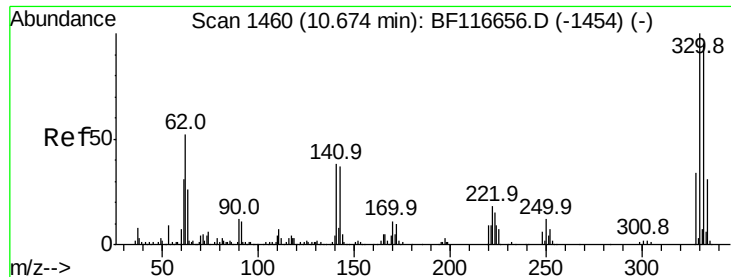
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	73.9	110.9
116	3.2	3.0	4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	45.2	35.4	53.2

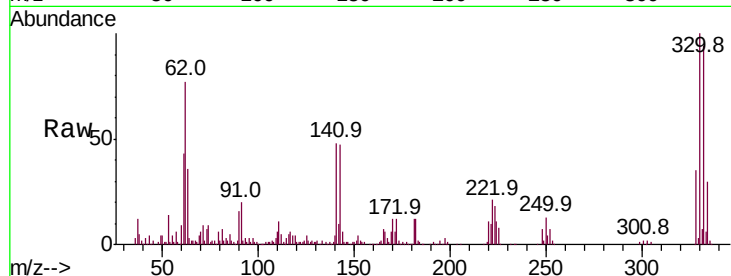




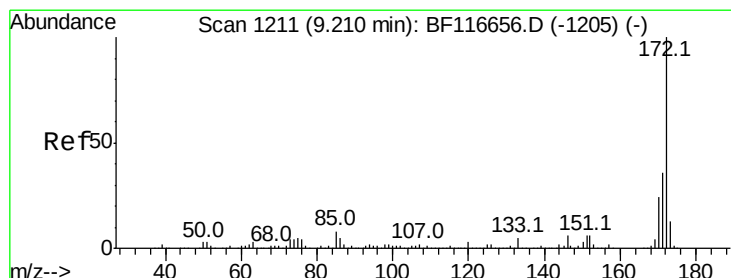
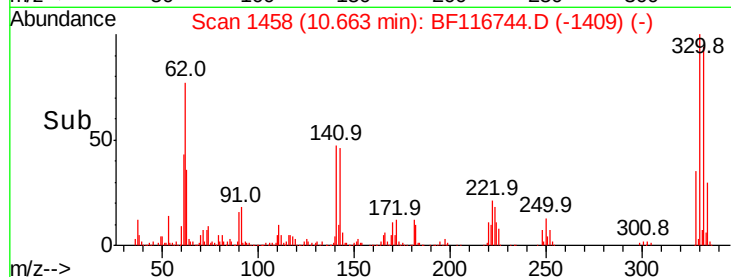
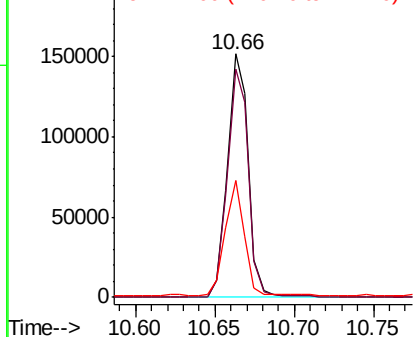
#42
 2,4,6-Tribromophenol
 Concen: 86.893 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	42.9	31.4	47.2

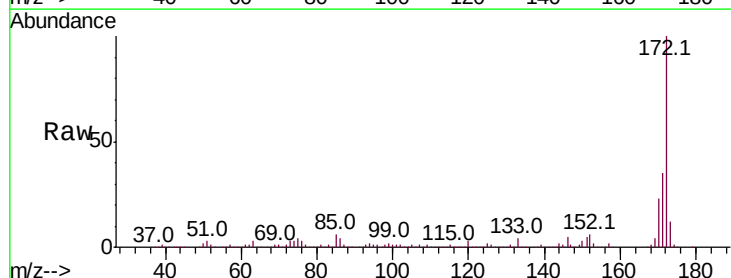


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

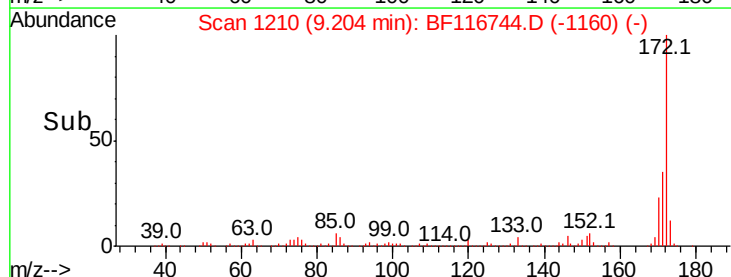
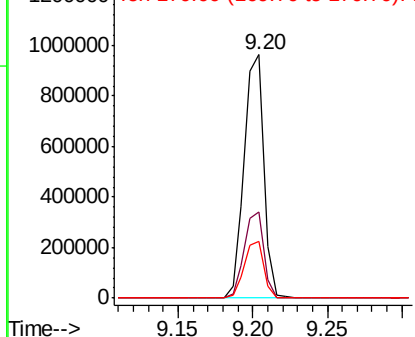


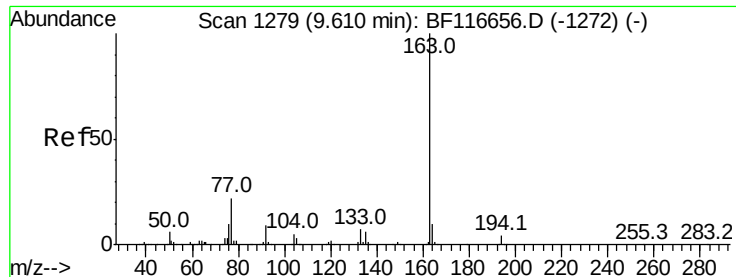
#45
 2-Fluorobiphenyl
 Concen: 62.953 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.4	18.9	28.3



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

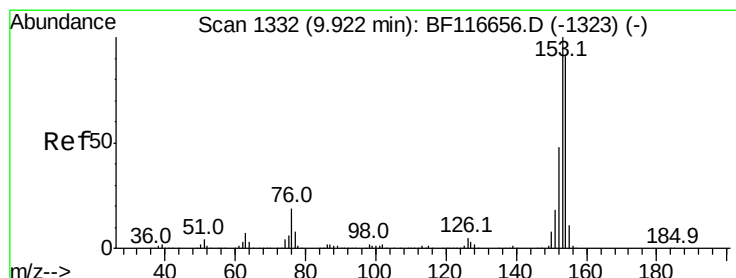
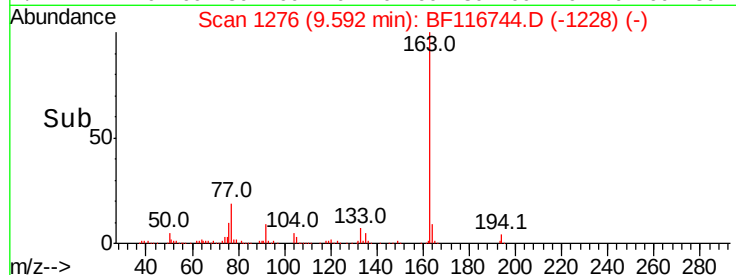
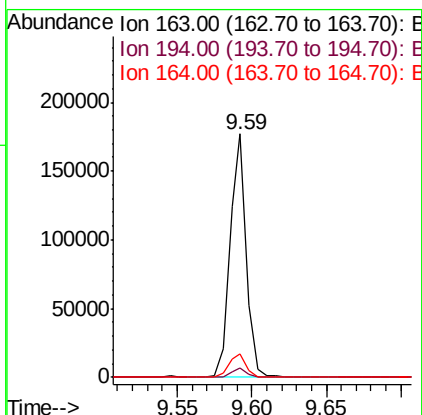
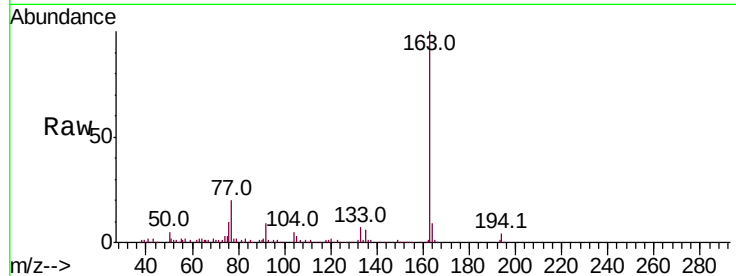




#50
Dimethylphthalate
Concen: 8.246 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

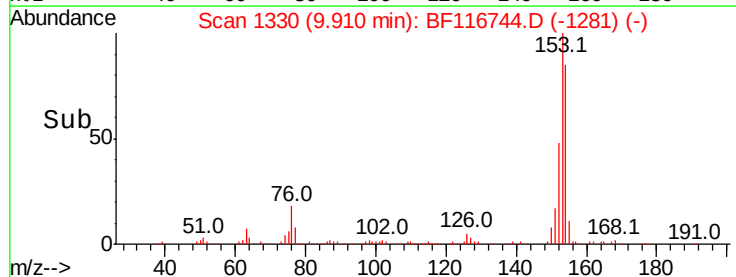
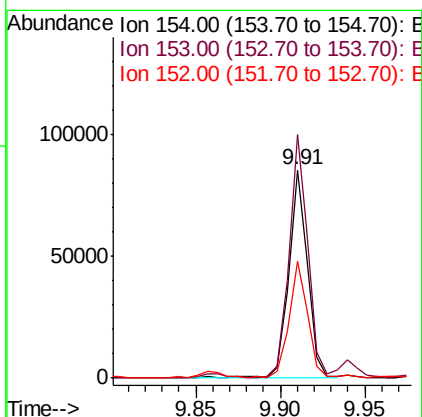
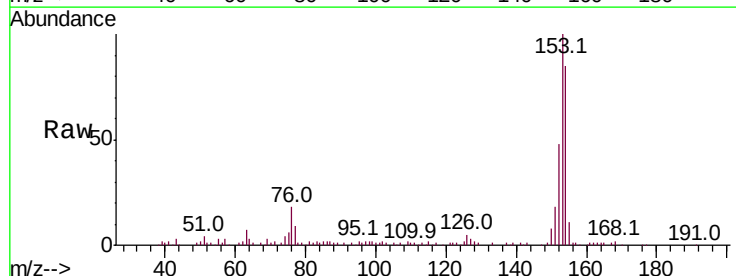
Instrument :
BNA_F
ClientSampleId :

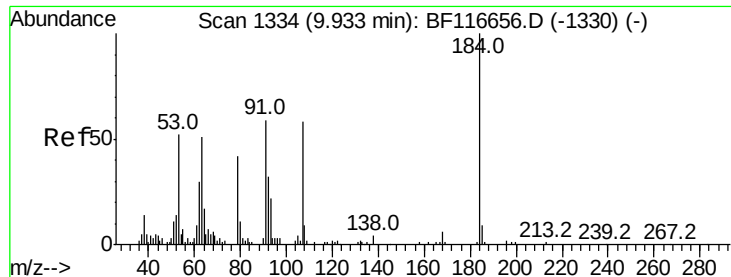
Tot Ion:163 Resp: 135024
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.4 8.6 12.8



#52
Acenaphthene
Concen: 5.037 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Tgt Ion:154 Resp: 66682
Ion Ratio Lower Upper
154 100
153 117.0 89.5 134.3
152 56.4 41.9 62.9

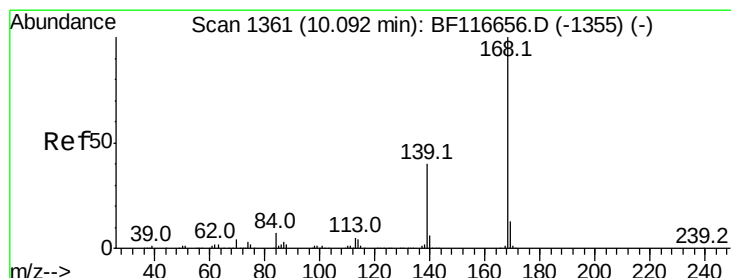
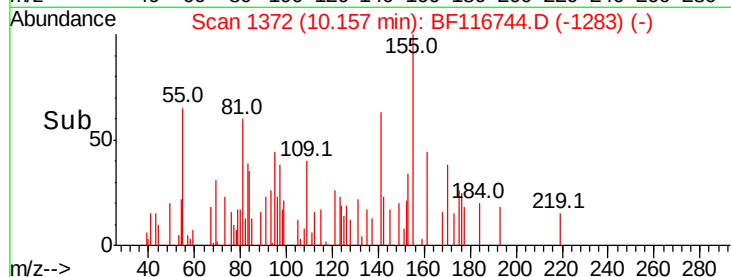
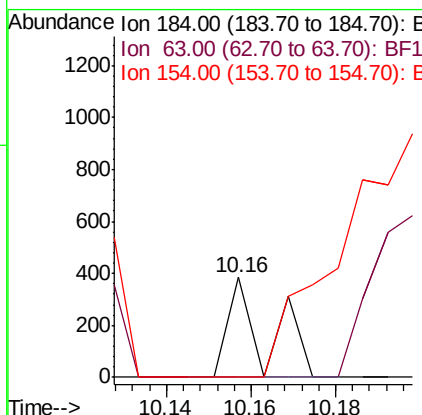
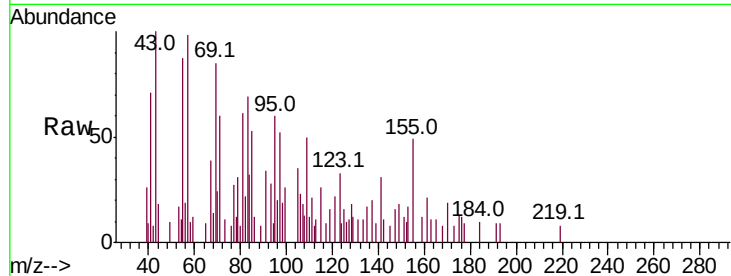




#54
2,4-Dinitrophenol
Concen: 9.237 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.22 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

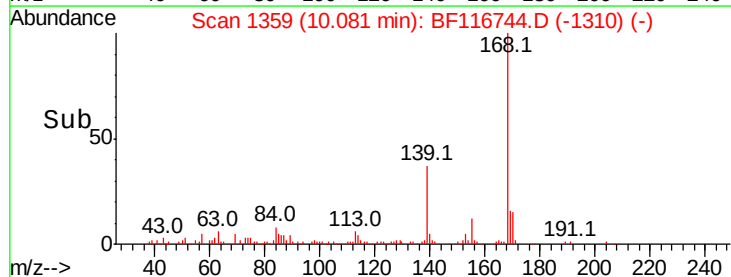
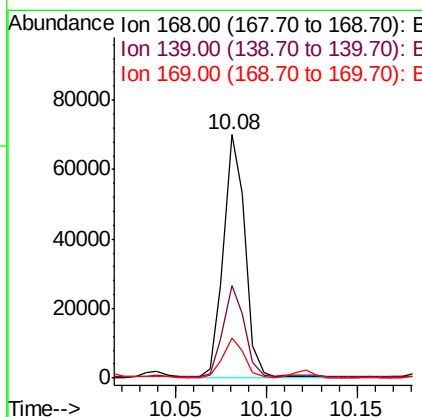
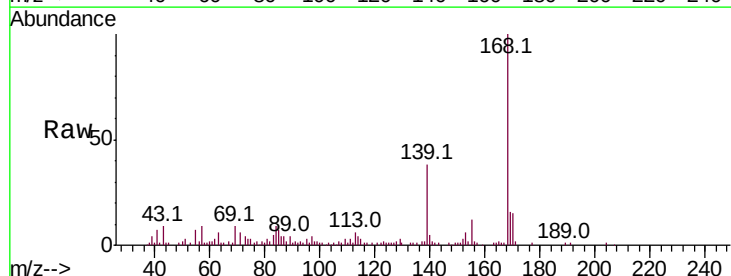
Instrument :
BNA_F
ClientSampled :

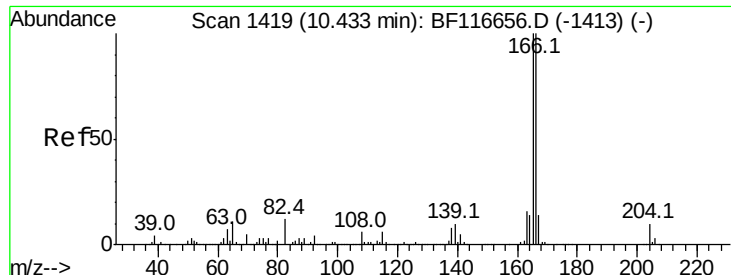
Tot Ion:184 Resp: 245
Ion Ratio Lower Upper
184 100
63 0.0 52.2 78.2#
154 0.0 60.8 91.2#



#55
Dibenzofuran
Concen: 3.142 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Tgt Ion:168 Resp: 58636
Ion Ratio Lower Upper
168 100
139 38.1 31.5 47.3
169 16.4 10.3 15.5#

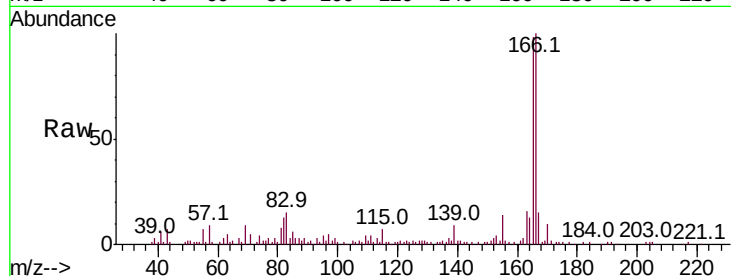




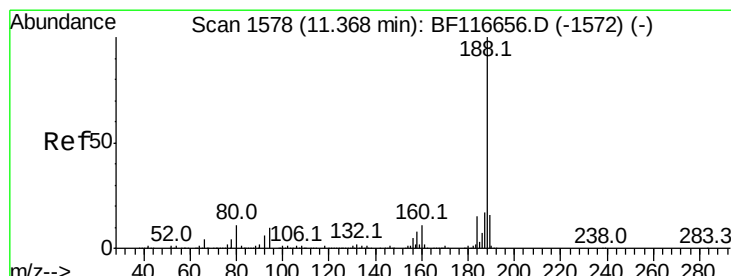
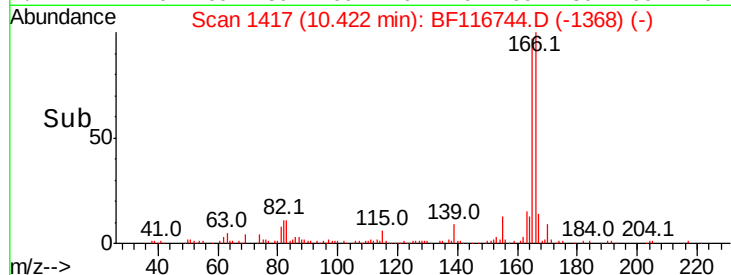
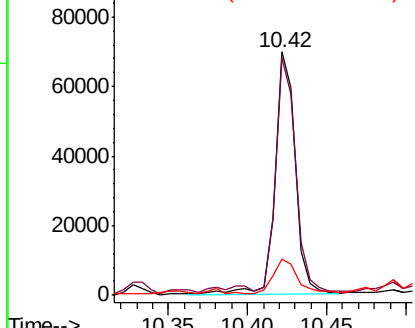
#58
 Fluorene
 Concen: 4.385 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 62354
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.8 118.2
 167 15.1 10.0 15.0#

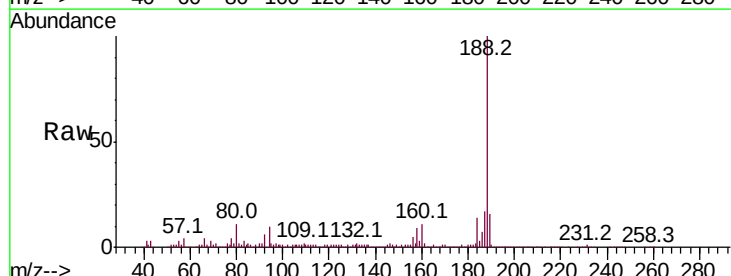


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

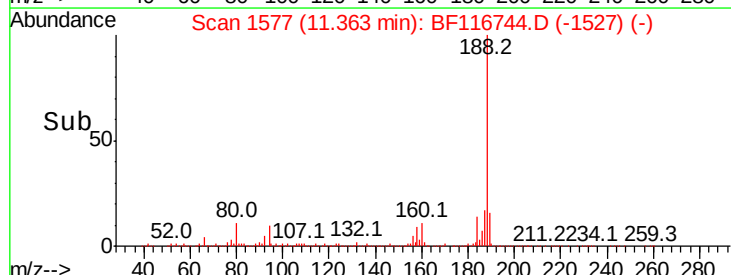
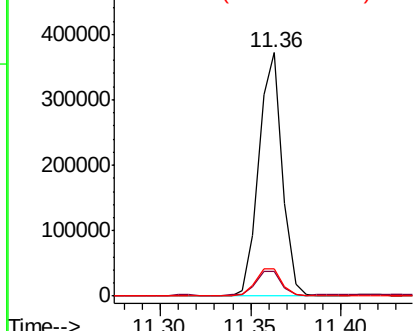


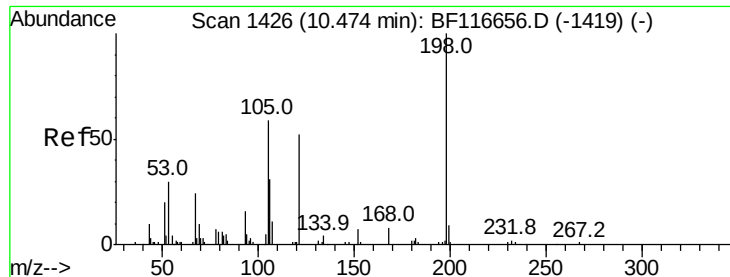
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

Tgt Ion:188 Resp: 334587
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.3 10.9
 80 11.5 8.4 12.6



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

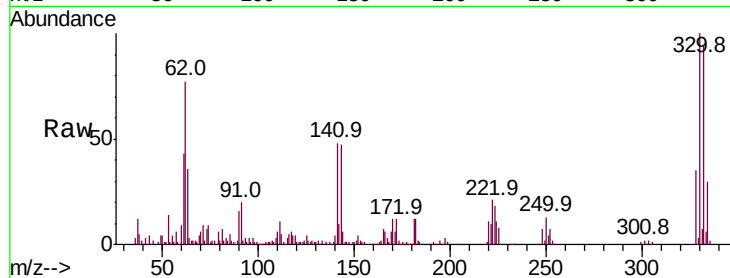




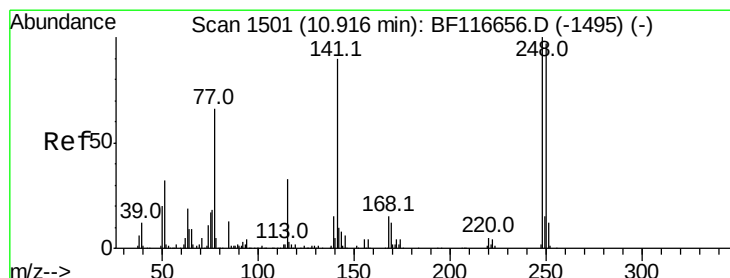
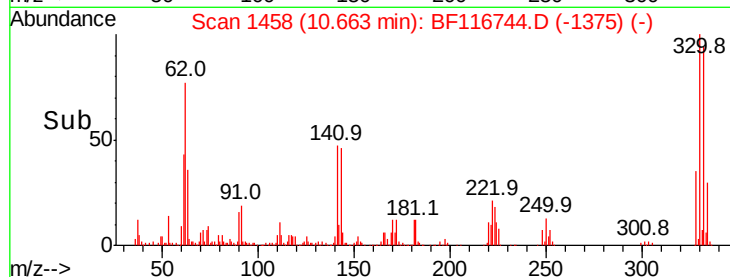
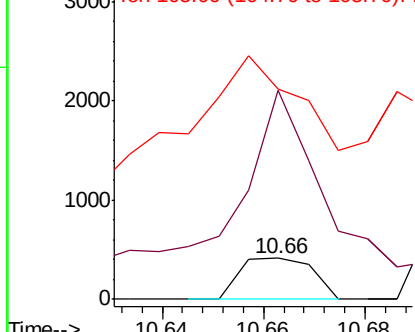
#65
4,6-Dinitro-2-methylphenol
Concen: 7.733 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 411
Ion Ratio Lower Upper
198 100
51 507.7 18.4 58.4#
105 510.3 22.9 62.9#

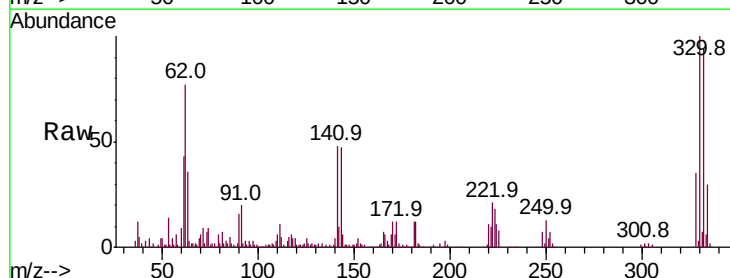


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

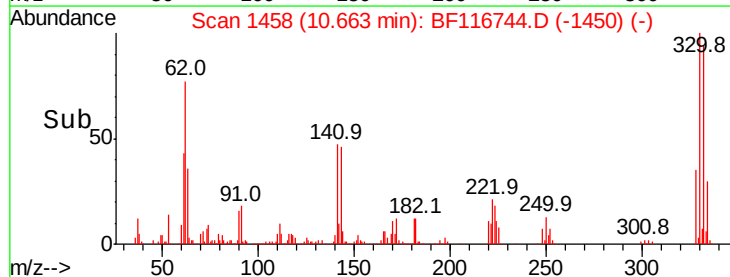
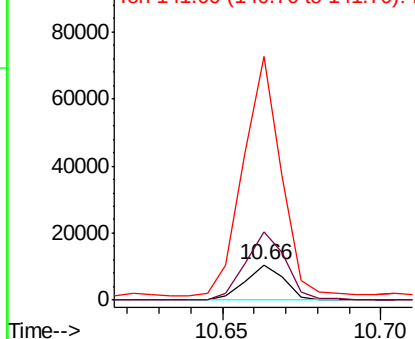


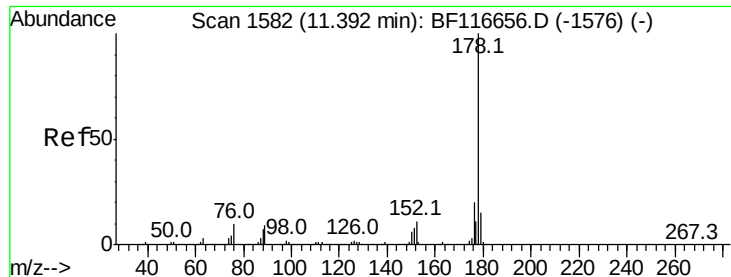
#67
4-Bromophenyl-phenylether
Concen: 2.584 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Tgt Ion:248 Resp: 8783
Ion Ratio Lower Upper
248 100
250 195.3 77.8 116.8#
141 695.7 75.9 113.9#



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: 35.550 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

Instrument :

BNA_F

ClientSampleId :

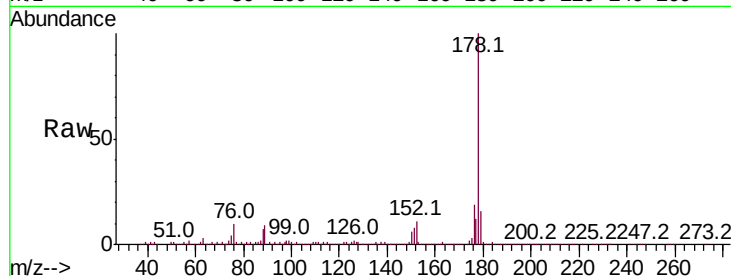
Tot Ion:178 Resp: 662134

Ion Ratio Lower Upper

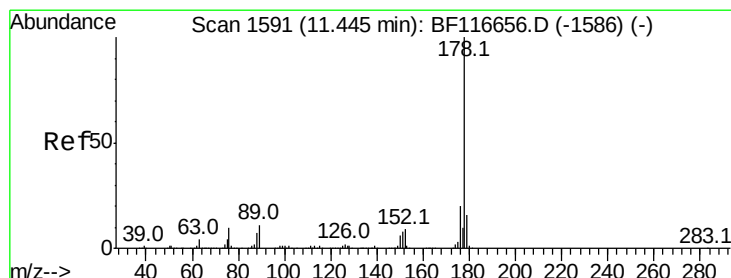
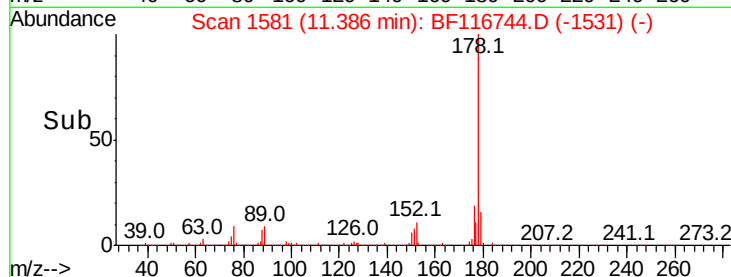
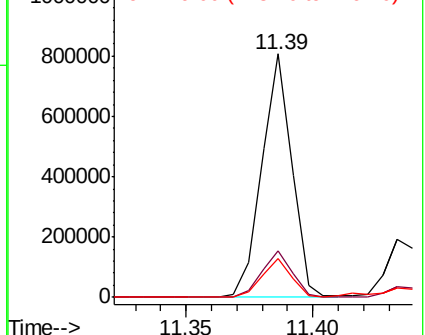
178 100

176 19.2 15.4 23.0

179 15.7 12.2 18.2



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



#72

Anthracene

Concen: 8.703 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

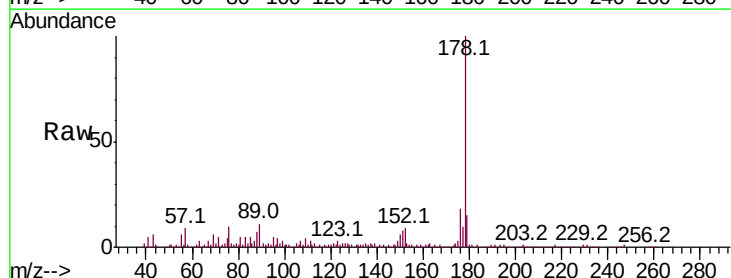
Tgt Ion:178 Resp: 163164

Ion Ratio Lower Upper

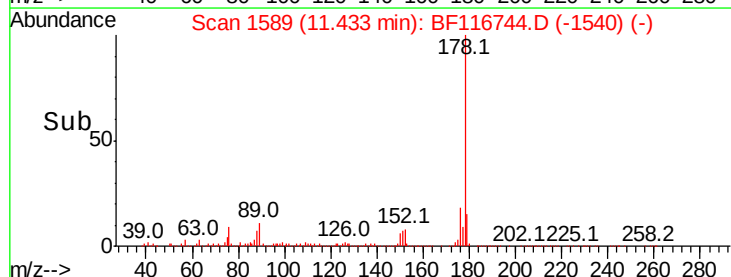
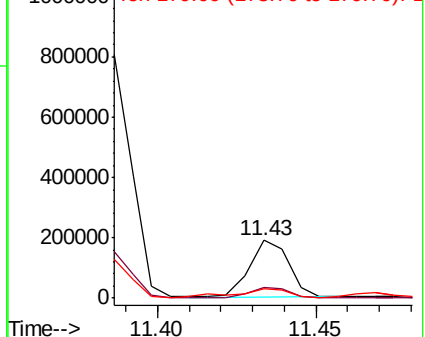
178 100

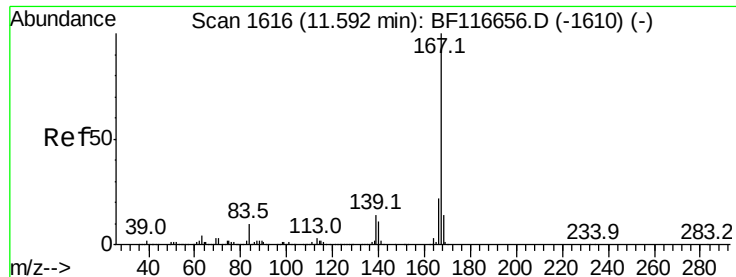
176 18.3 15.4 23.0

179 15.2 12.5 18.7



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

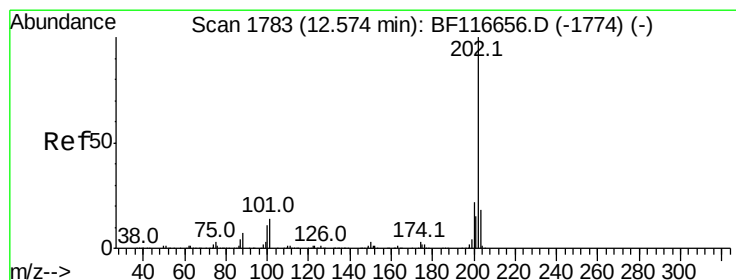
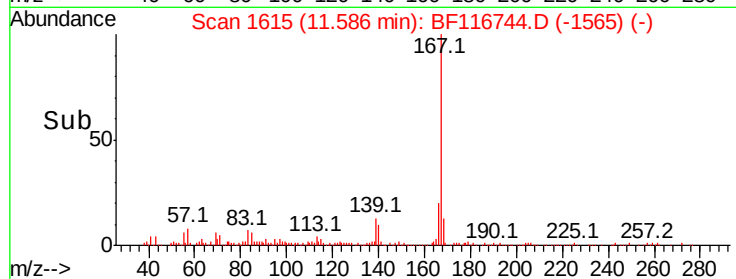
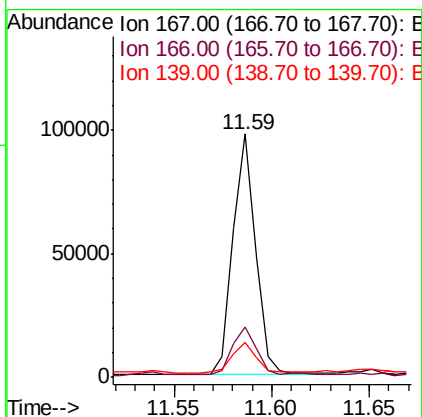
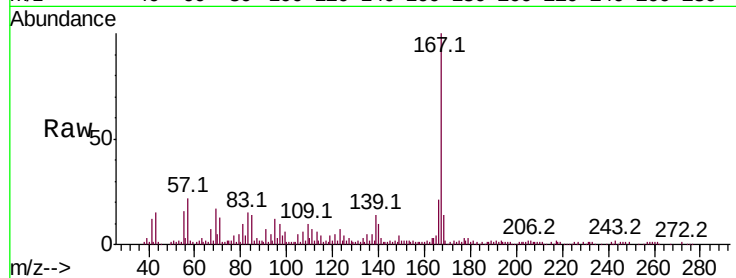




#73
 Carbazole
 Concen: 4.432 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

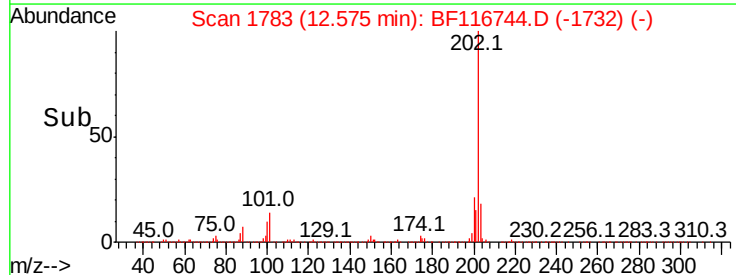
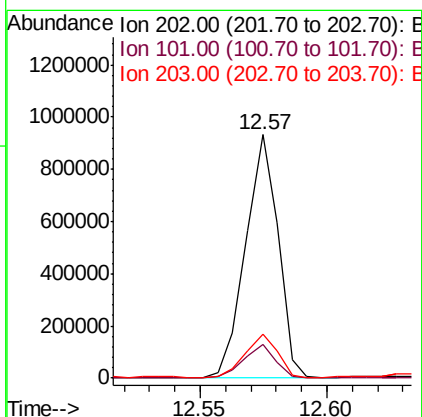
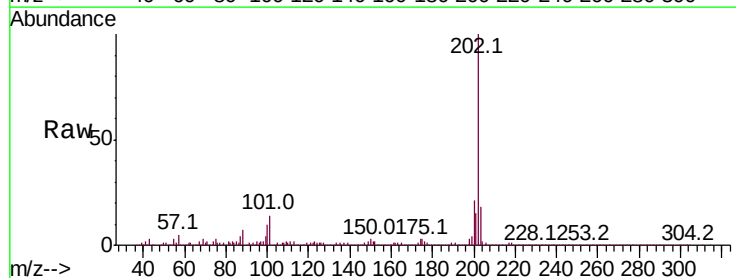
Instrument :
 BNA_F
 ClientSampleId :

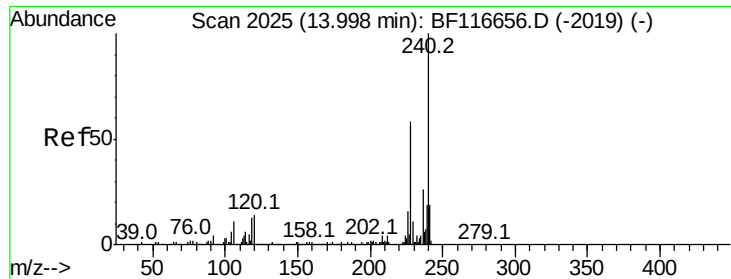
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.8	26.6
139	14.5	11.1	16.7



#75
 Fluoranthene
 Concen: 45.540 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	31.3
203	18.0	0.0	37.6

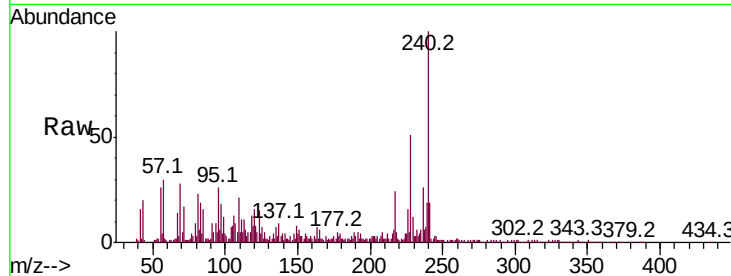




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

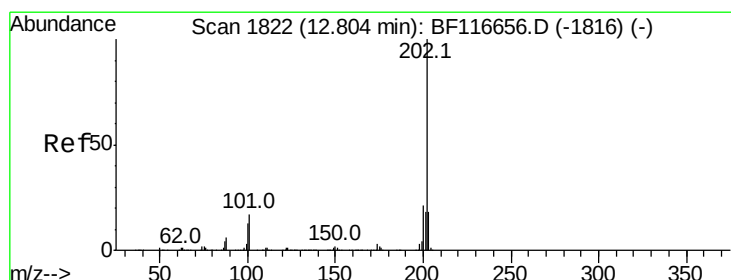
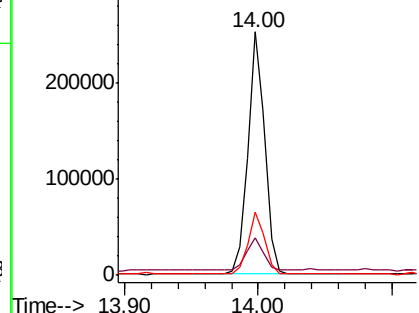
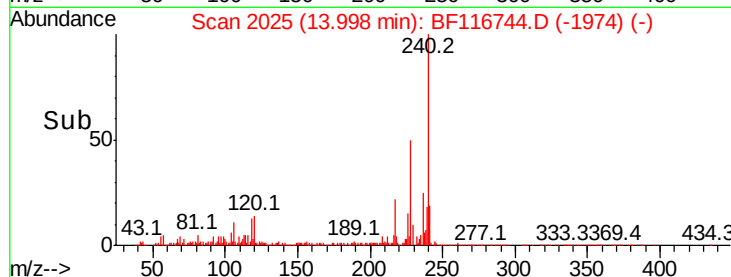
Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 219241
Ion Ratio Lower Upper
240 100
120 15.6 9.1 13.7#
236 25.8 21.1 31.7



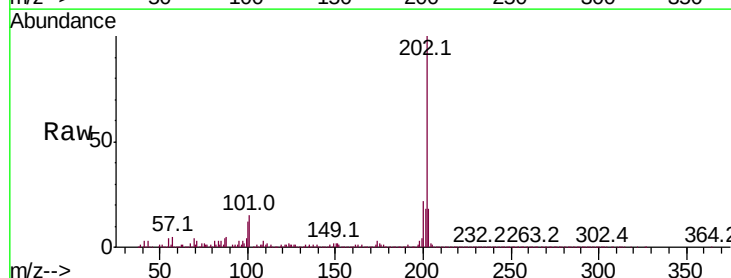
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.00



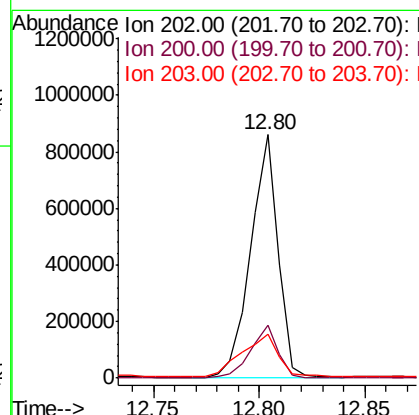
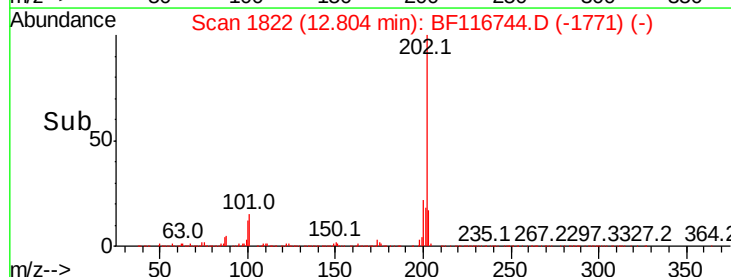
#78
Pyrene
Concen: 39.628 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

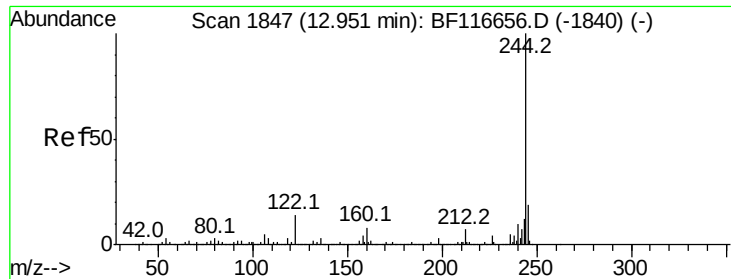
Tgt Ion:202 Resp: 772307
Ion Ratio Lower Upper
202 100
200 21.6 16.5 24.7
203 17.9 13.7 20.5



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

12.80





#79

Terphenyl-d14

Concen: 53.217 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

Instrument :

BNA_F

ClientSampled :

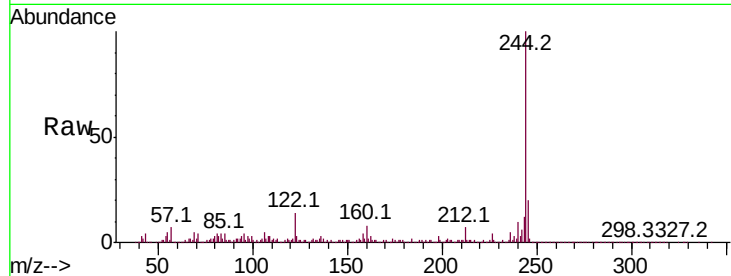
Tot Ion:244 Resp: 630682

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

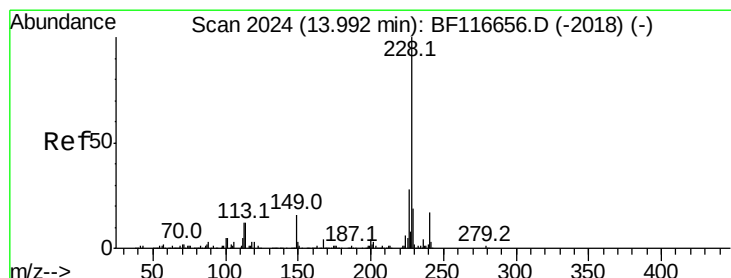
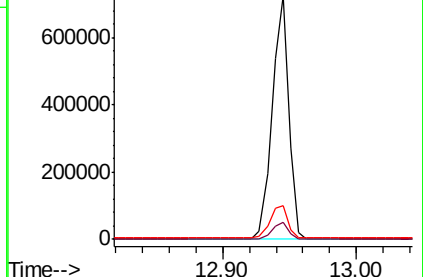
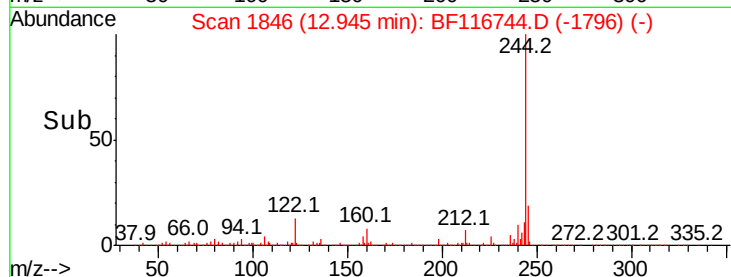
122 13.9 10.2 15.4



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: 29.556 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

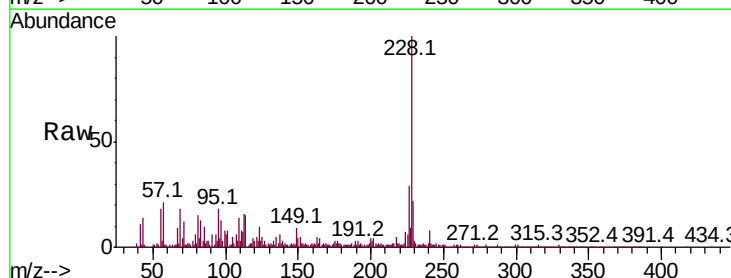
Tgt Ion:228 Resp: 410110

Ion Ratio Lower Upper

228 100

226 29.1 22.0 33.0

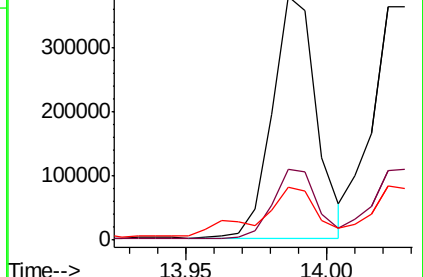
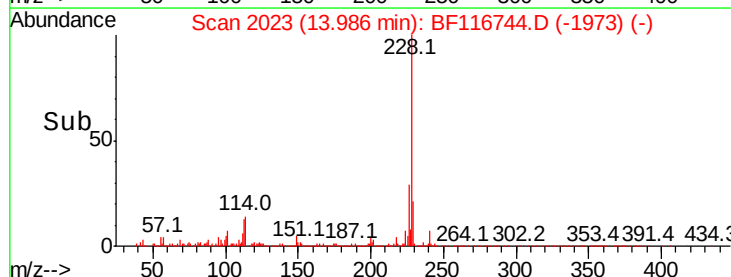
229 21.6 16.4 24.6

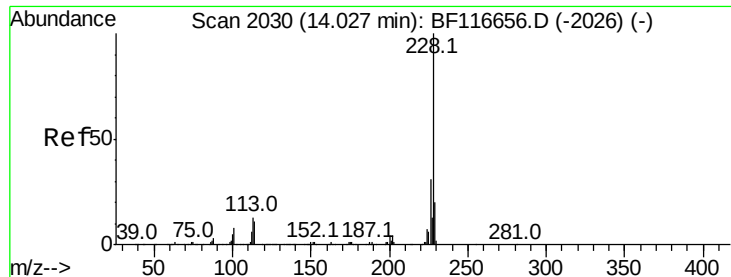


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

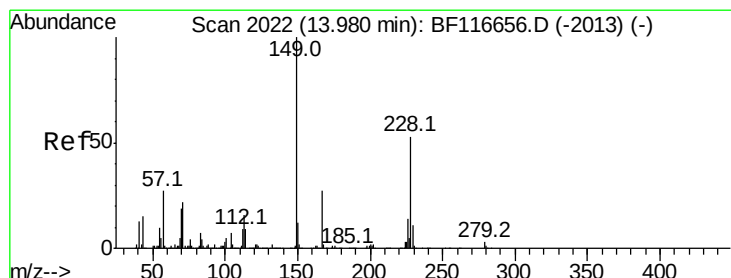
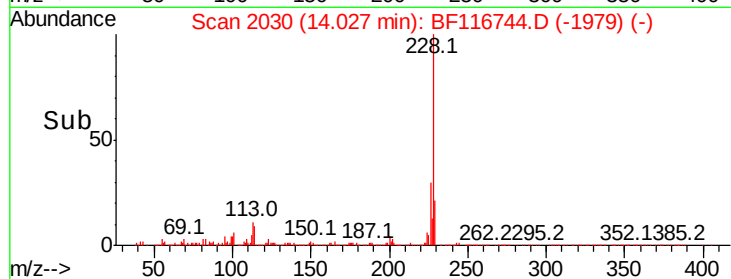
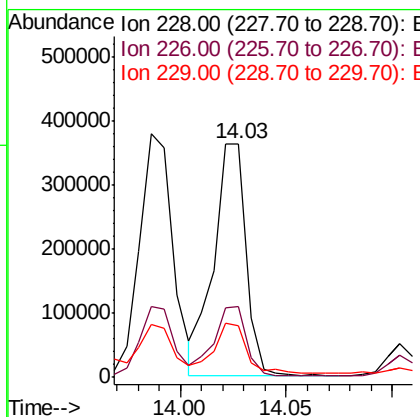
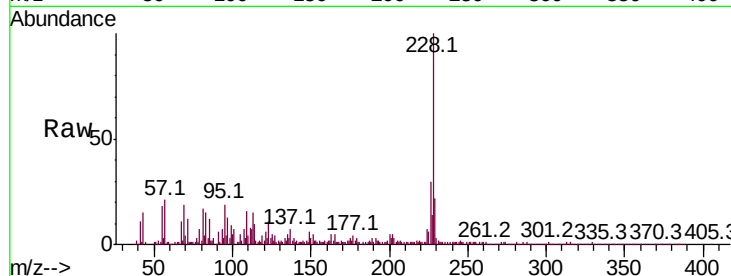




#83
 Chrysene
 Concen: 26.941 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

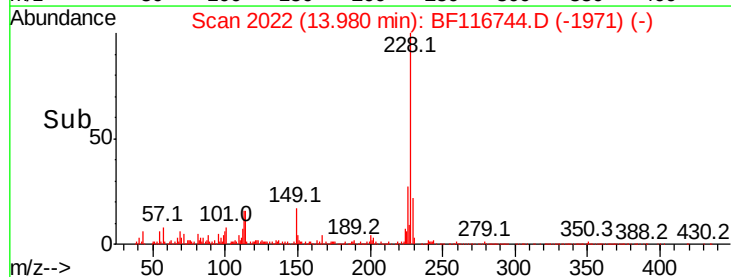
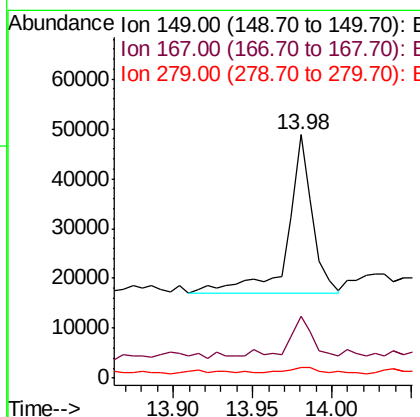
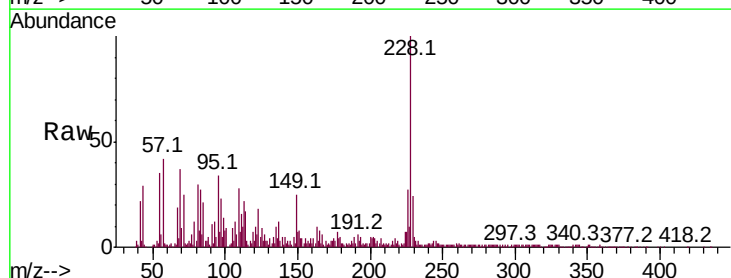
Instrument :
 BNA_F
 ClientSampleId :

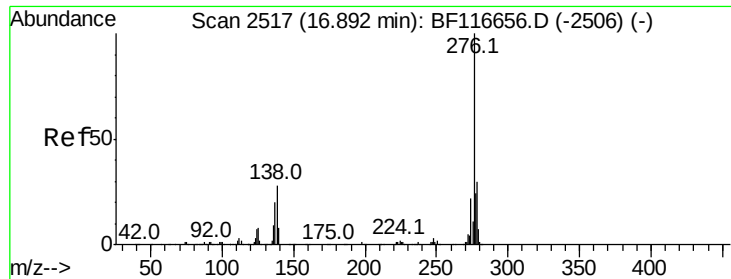
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	22.3	15.4	23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.847 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	4.1	2.8	4.2

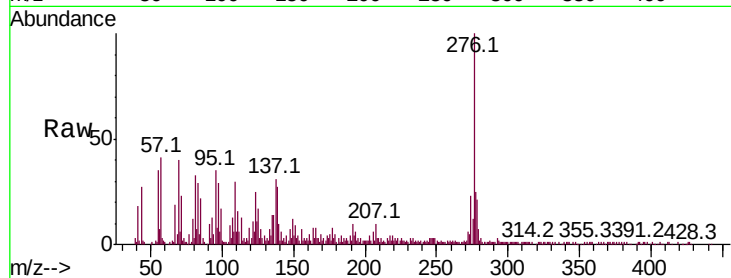




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 15.139 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.02 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.4	29.2
277	25.6	20.5	30.7

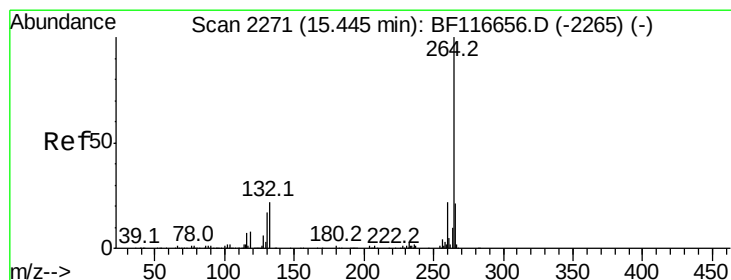
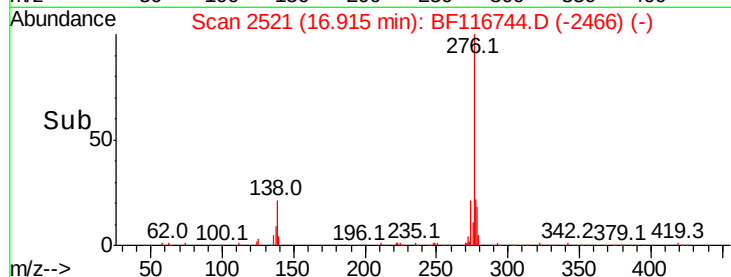
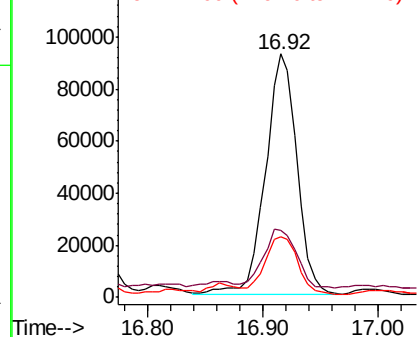


Abundance

Ion 276.00 (275.70 to 276.70): E

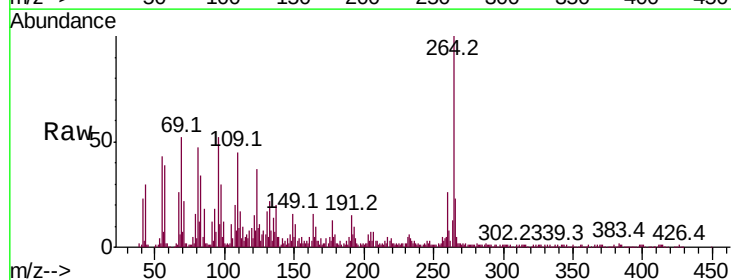
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.02 min
 Lab File: BF116744.D
 Acq: 1 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.3	27.5
265	23.2	16.5	24.7

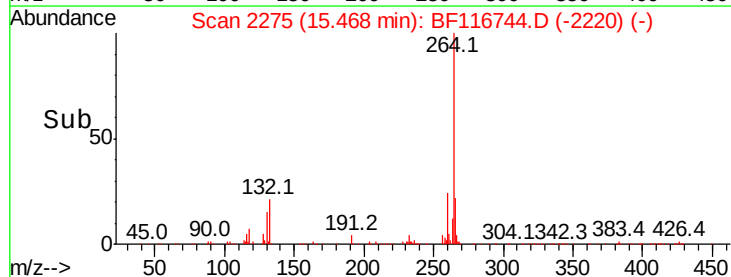
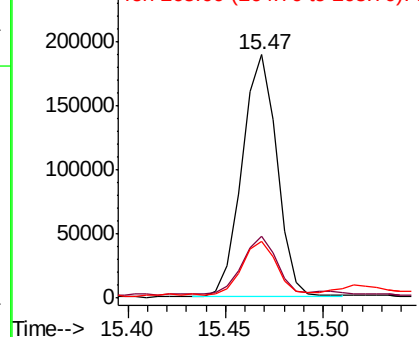


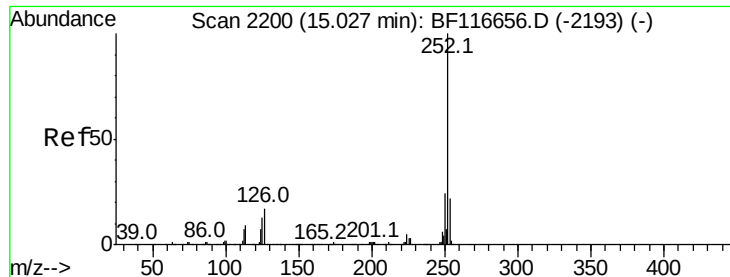
Abundance

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

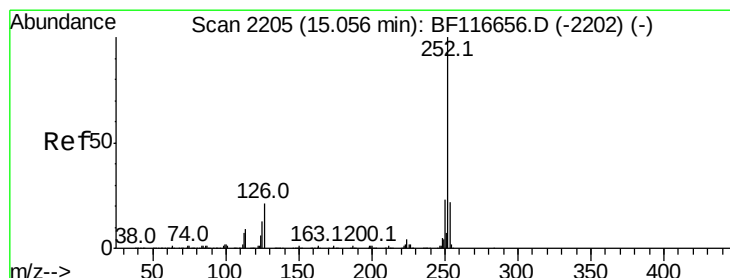
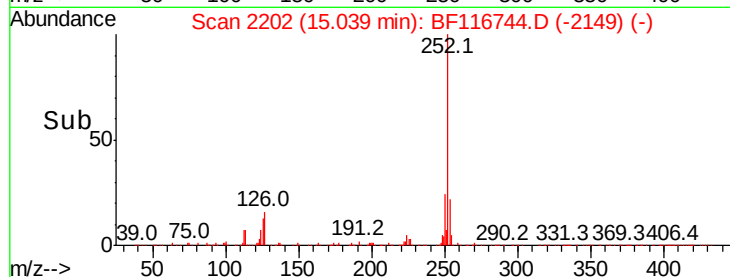
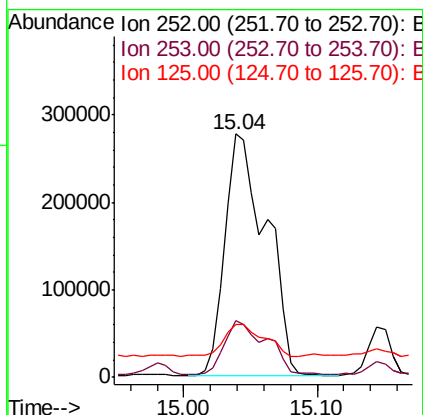
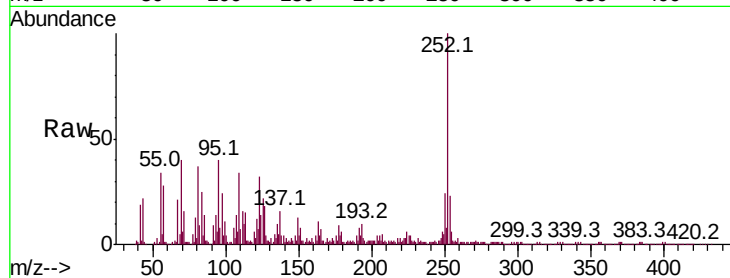




#88
Benzo(b)fluoranthene
Concen: 42.329 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

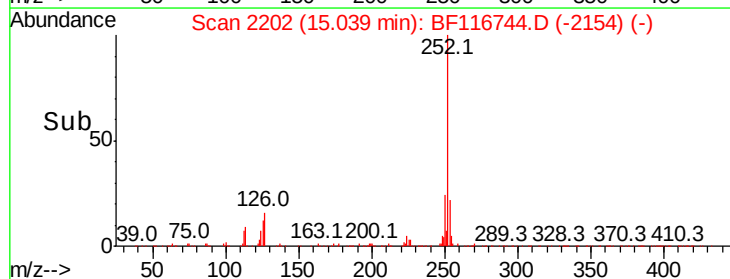
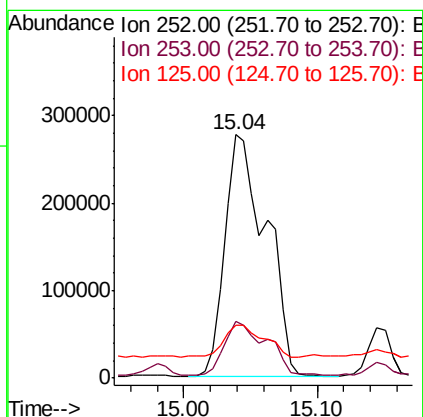
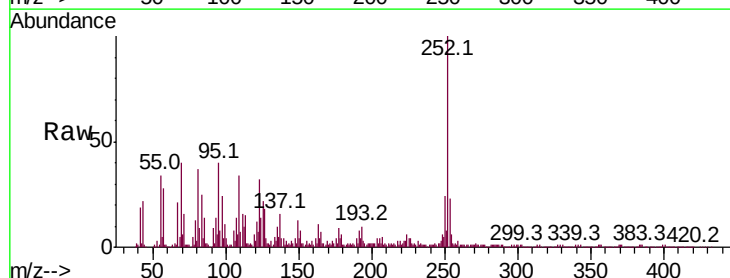
Instrument :
BNA_F
ClientSampleId :

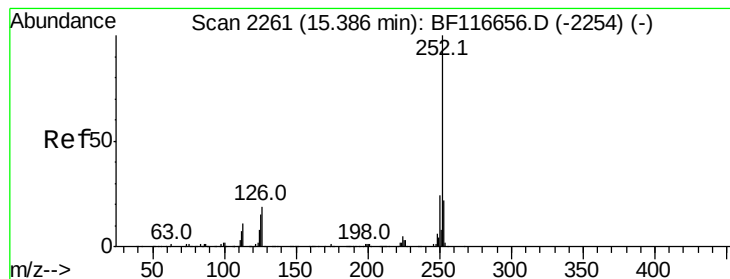
Tot Ion:252 Resp: 599191
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 22.0 8.2 12.2#



#89
Benzo(k)fluoranthene
Concen: 46.425 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF116744.D
Acq: 1 Sep 2019 15:59

Tgt Ion:252 Resp: 599191
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 22.0 8.6 13.0#





#90

Benzo(a)pyrene

Concen: 26.007 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

Instrument :

BNA_F

ClientSampleId :

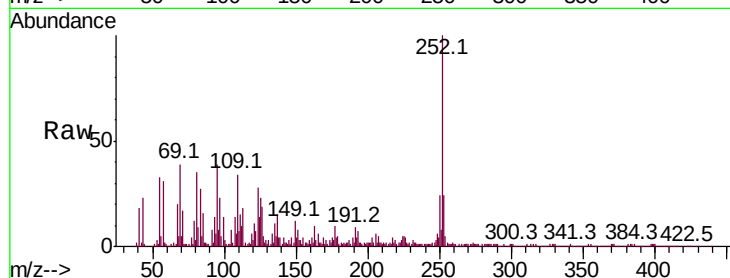
Tot Ion:252 Resp: 320285

Ion Ratio Lower Upper

252 100

253 24.1 18.1 27.1

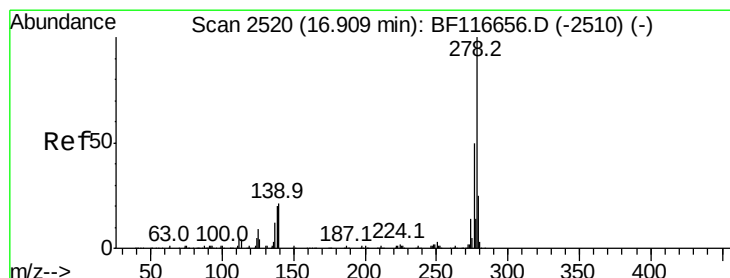
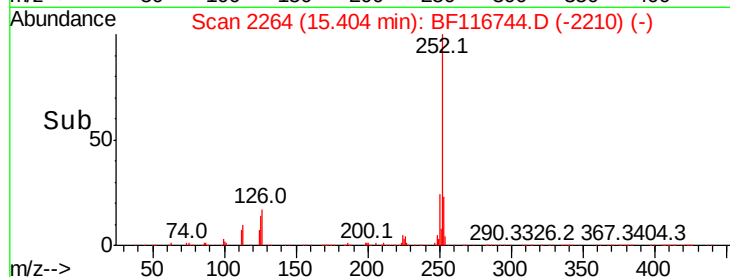
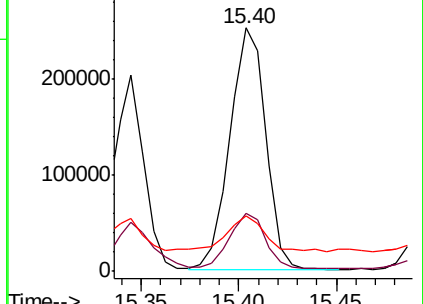
125 22.8 9.8 14.8#



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: 4.409 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

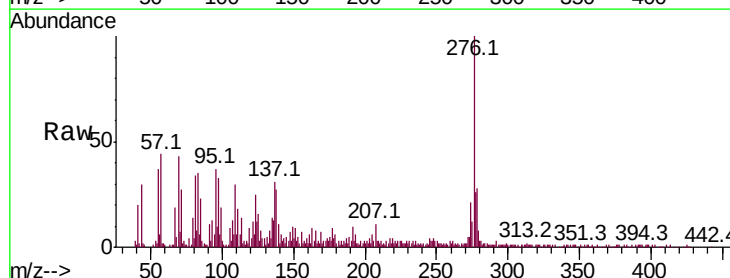
Tgt Ion:278 Resp: 47527

Ion Ratio Lower Upper

278 100

139 39.4 12.4 18.6#

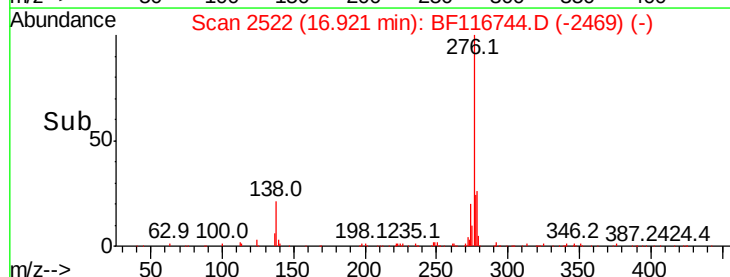
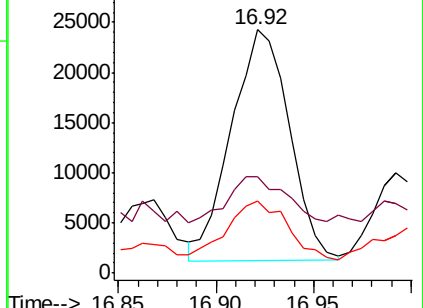
279 29.7 18.2 27.4#

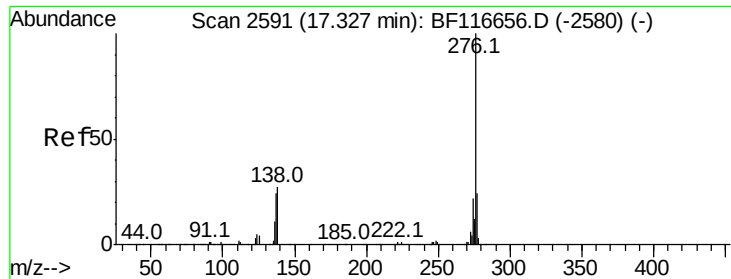


Abundance Ion 278.00 (277.70 to 278.70): E

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: 14.551 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.02 min

Lab File: BF116744.D

Acq: 1 Sep 2019 15:59

Instrument :

BNA_F

ClientSampleId :

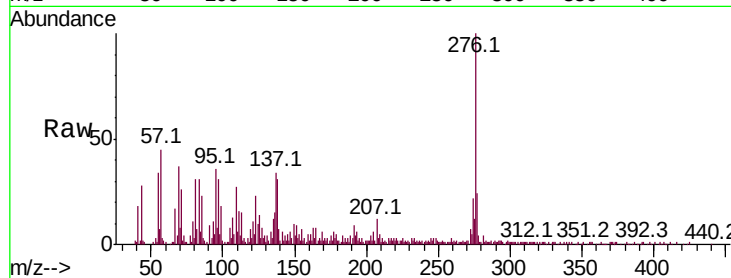
Tot Ion: 276 Resp: 159979

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 30.6 16.2 24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

