

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116847.D
 Acq On : 5 Sep 2019 19:21
 Operator : HP/JU
 Sample : K4692-06 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 03:56:44 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	69022	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	283768	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	147936	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	221249	20.00	ng	0.00
76) Chrysene-d12	14.00	240	159265	20.00	ng	0.00
87) Perylene-d12	15.47	264	122709	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	250507	58.80	ng	0.00
7) Phenol-d6	6.47	99	353174	63.13	ng	0.00
23) Nitrobenzene-d5	7.40	82	214357	43.12	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	70995	71.79	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	412955	47.09	ng	-0.01
79) Terphenyl-d14	12.94	244	367871	42.73	ng	0.00

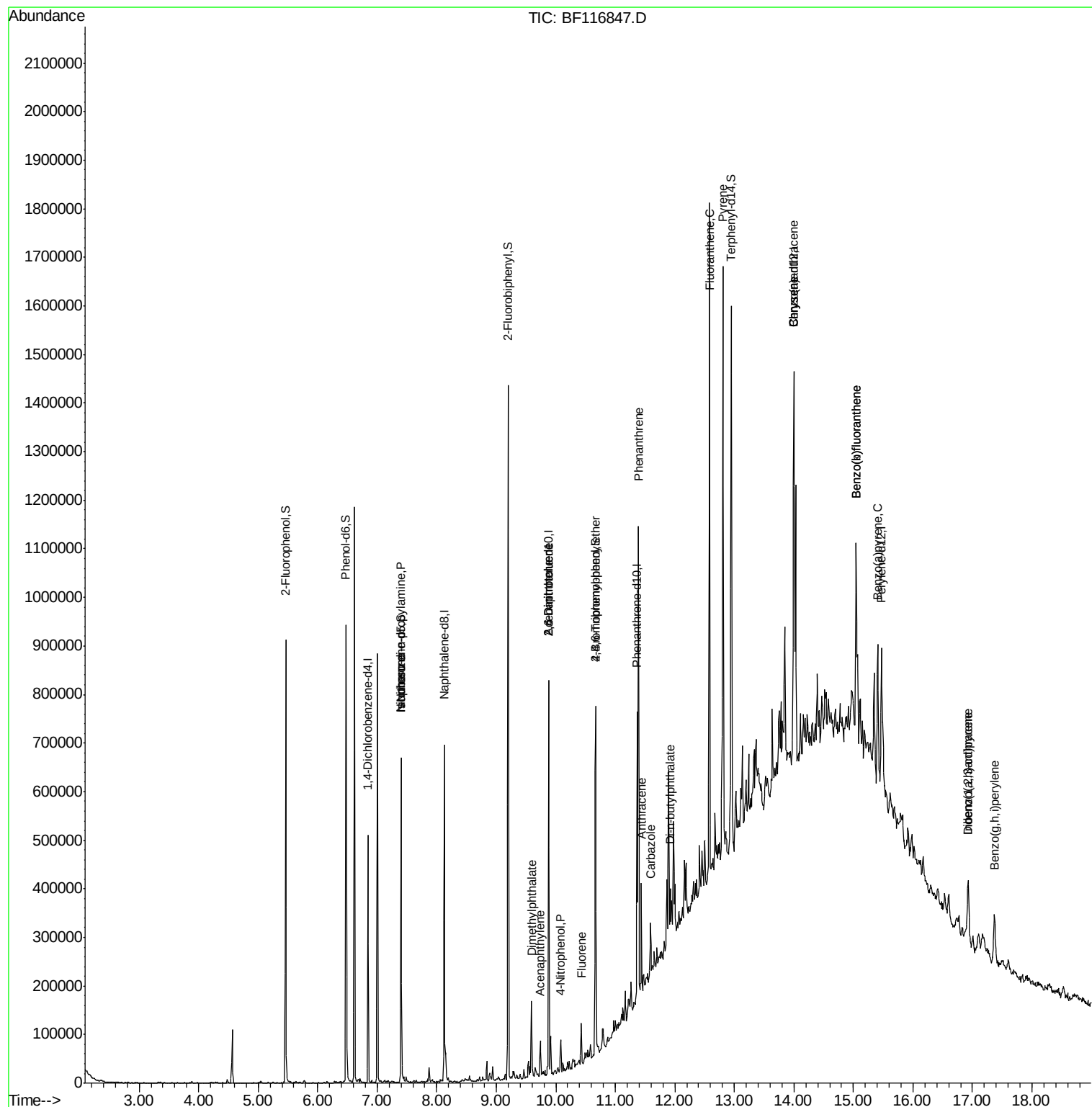
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.40	70	28609	7.767	ng	# 72
25) Isophorone	7.40	82	214353	21.281	ng	# 66
49) Acenaphthylene	9.74	152	29965	2.230	ng	99
50) Dimethylphthalate	9.59	163	57904	5.669	ng	99
51) 2,6-Dinitrotoluene	9.88	165	20016	10.272	ng	# 19
56) 4-Nitrophenol	10.09	139	6462	3.859	ng	# 12
57) 2,4-Dinitrotoluene	9.88	165	20016	8.400	ng	# 19
58) Fluorene	10.43	166	24325	2.742	ng	96
67) 4-Bromophenyl-phenylether	10.67	248	4584	2.040	ng	# 1
71) Phenanthrene	11.39	178	347015	28.176	ng	100
72) Anthracene	11.44	178	78888	6.363	ng	99
73) Carbazole	11.59	167	41260	3.494	ng	99
74) Di-n-butylphthalate	11.92	149	49656	3.280	ng	97
75) Fluoranthene	12.58	202	516641	42.684	ng	98
78) Pyrene	12.81	202	480143	33.914	ng	99
81) Benzo(a)anthracene	14.00	228	239124	23.723	ng	96
83) Chrysene	14.00	228	239124	23.027	ng	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	74875	8.976	ng	99
88) Benzo(b)fluoranthene	15.04	252	273801	36.906	ng	# 93
89) Benzo(k)fluoranthene	15.04	252	273801	40.477	ng	# 94
90) Benzo(a)pyrene	15.41	252	133912	20.747	ng	98
91) Dibenzo(a,h)anthracene	16.93	278	20116	3.561	ng	# 76
92) Benzo(g,h,i)perylene	17.37	276	73654	12.783	ng	96

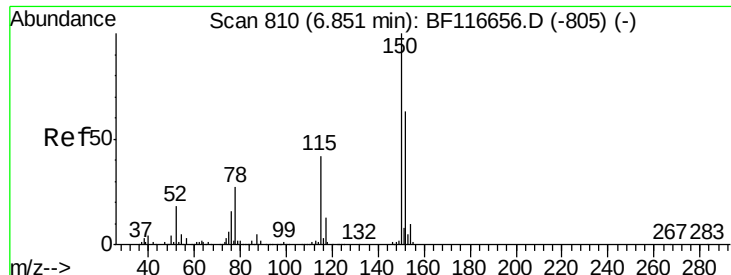
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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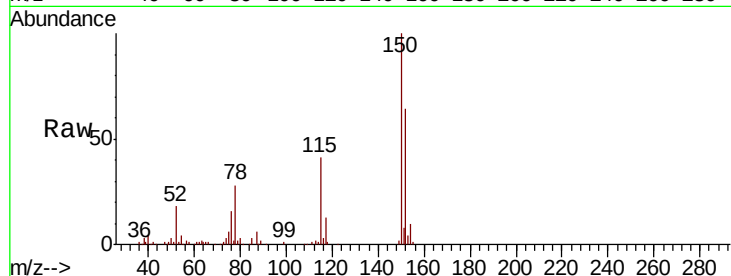


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.4	186.6
115	64.5	49.9	74.9

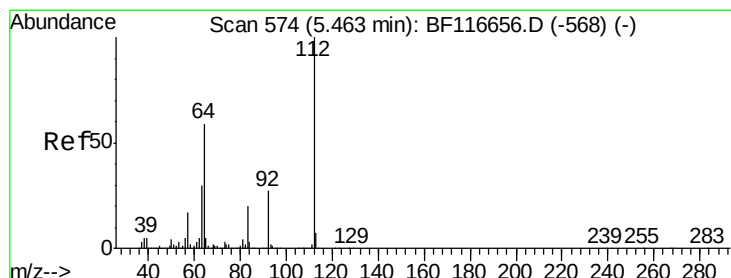
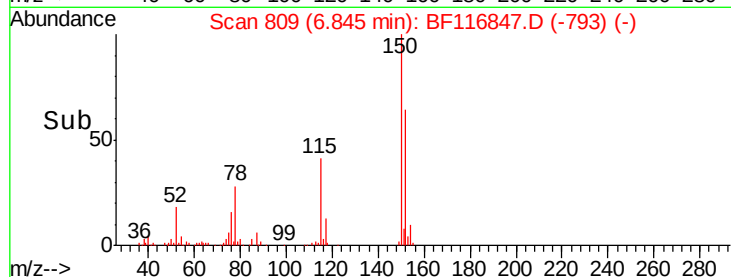
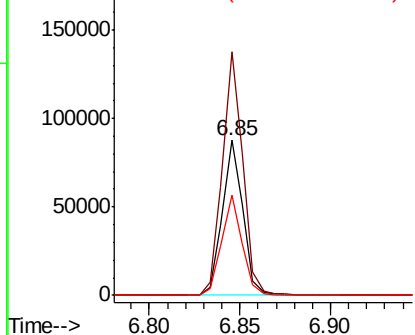


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

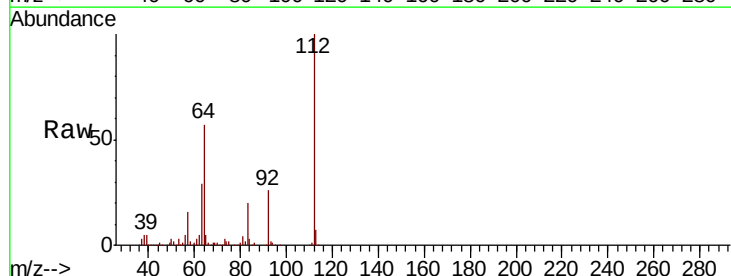
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.798 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.1	70.7
63	28.9	24.9	37.3

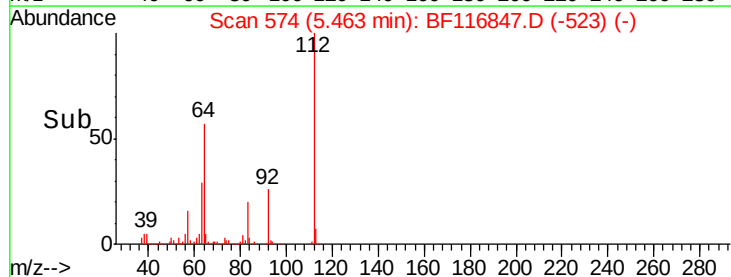
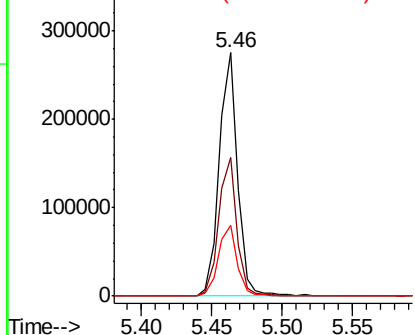


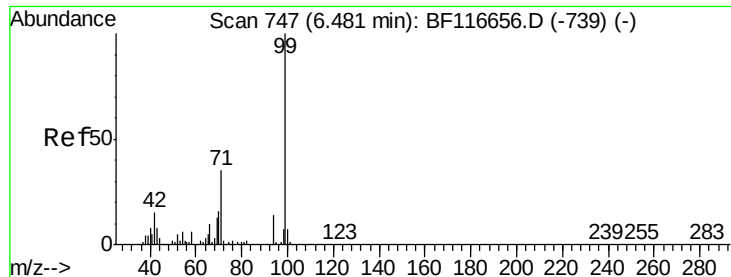
Abundance

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: 63.129 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

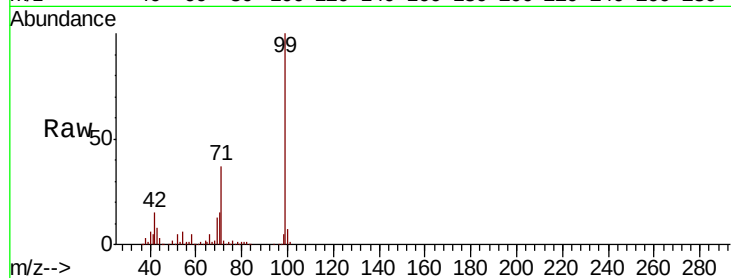
Tot Ion: 99 Resp: 353174

Ion Ratio Lower Upper

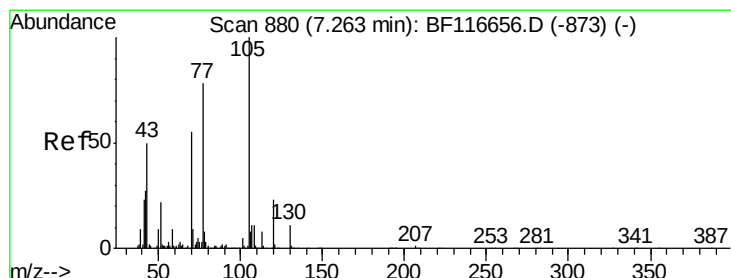
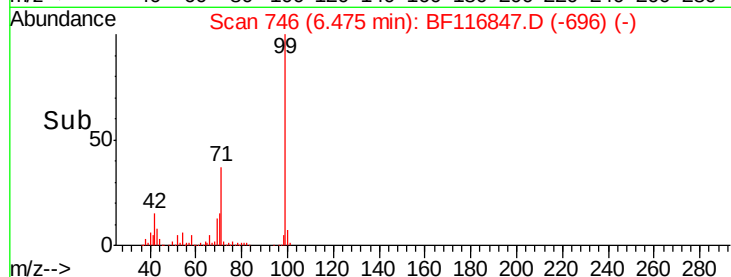
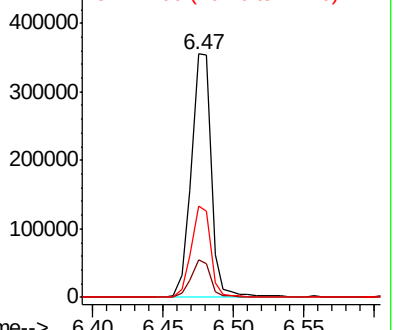
99 100

42 15.2 13.7 20.5

71 37.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 7.767 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

Tgt Ion: 70 Resp: 28609

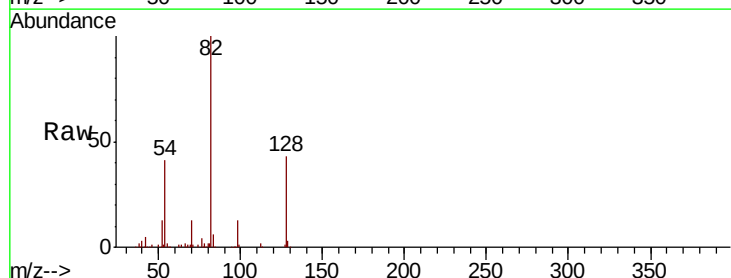
Ion Ratio Lower Upper

70 100

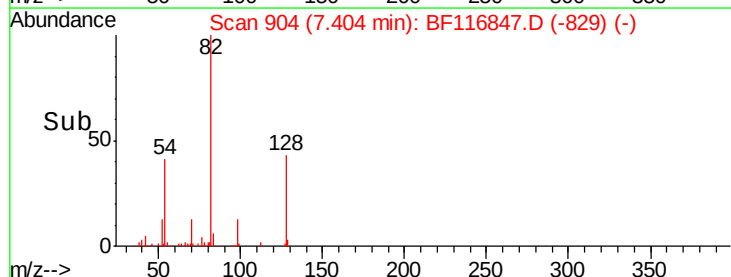
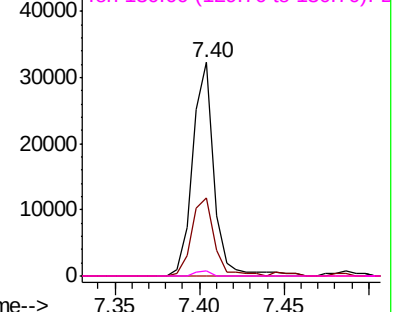
42 36.8 43.5 65.3#

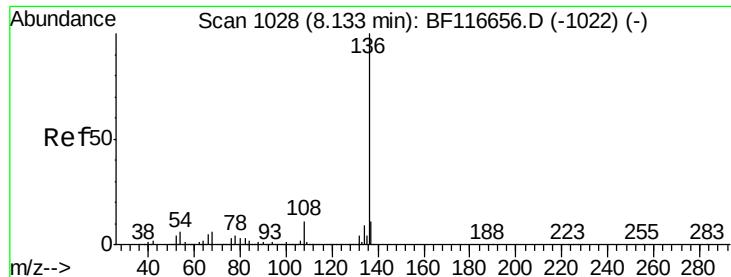
101 0.0 7.8 11.6#

130 2.2 16.6 24.8#



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

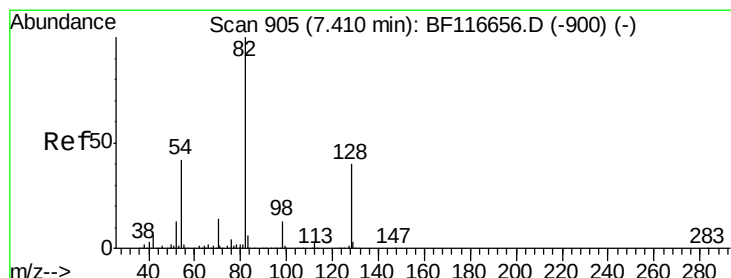
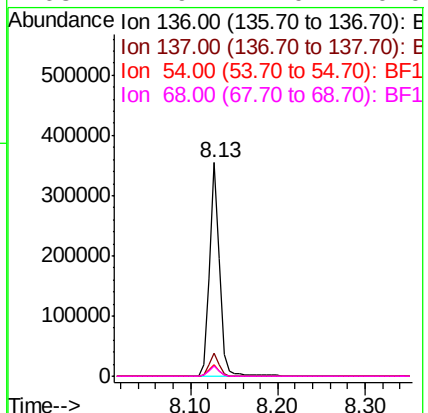
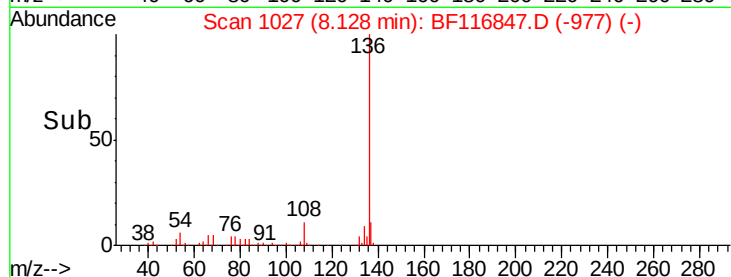
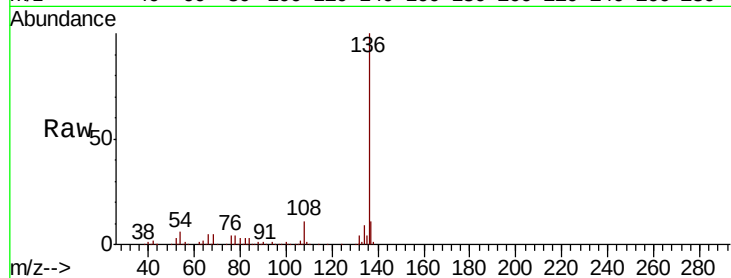




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

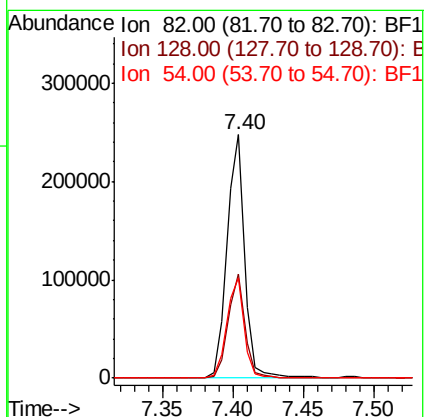
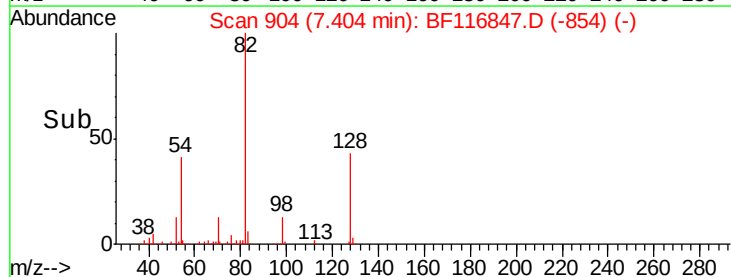
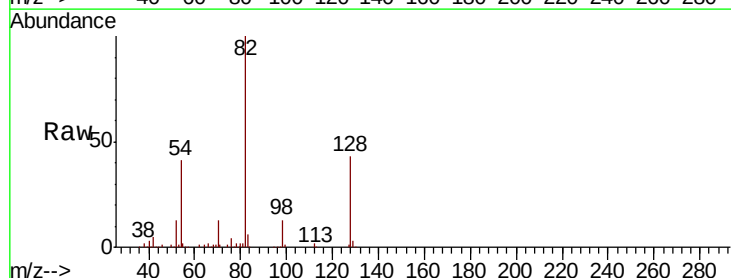
Instrument :
BNA_F
ClientSampleId :

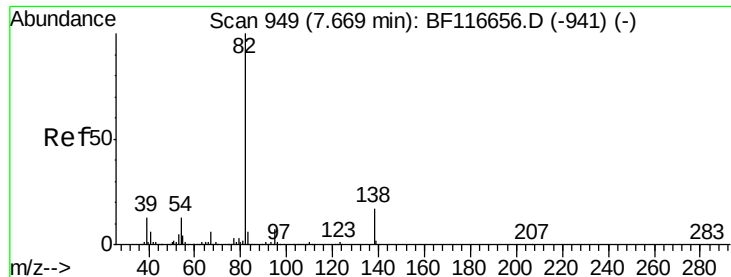
Tot Ion:136	Resp:	283768
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	5.6	4.8 7.2
68	4.9	4.0 6.0



#23
Nitrobenzene-d5
Concen: 43.124 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Tgt Ion: 82	Resp:	214357
Ion Ratio	Lower	Upper
82	100	
128	42.9	32.8 49.2
54	41.2	36.9 55.3





#25

Isophorone

Concen: 21.281 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

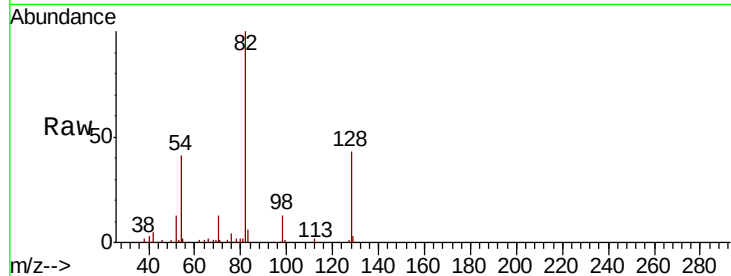
Tot Ion: 82 Resp: 214353

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

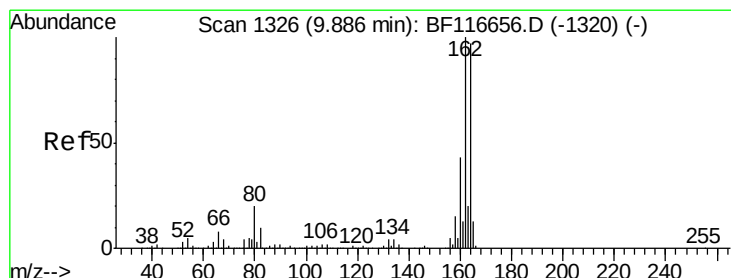
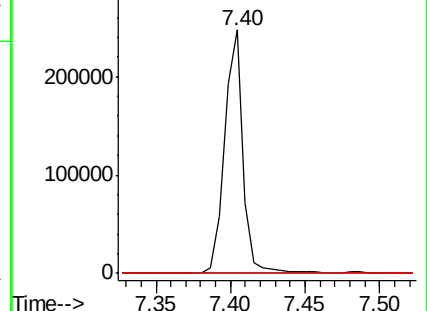
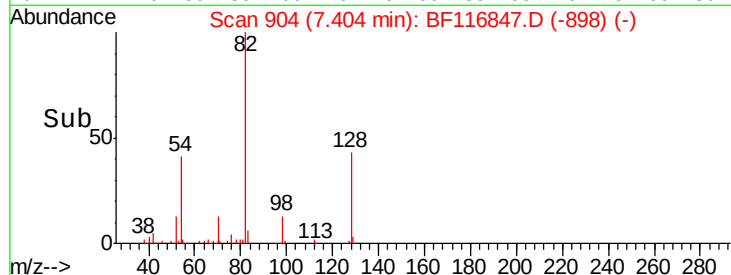
138 0.0 13.5 20.3#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

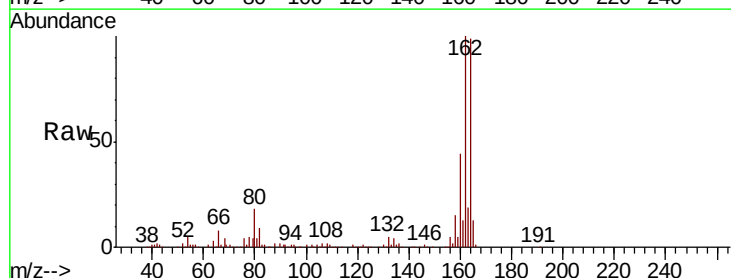
Tgt Ion:164 Resp: 147936

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

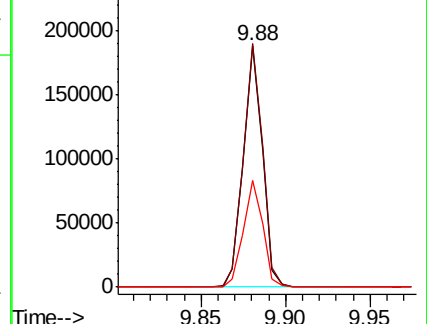
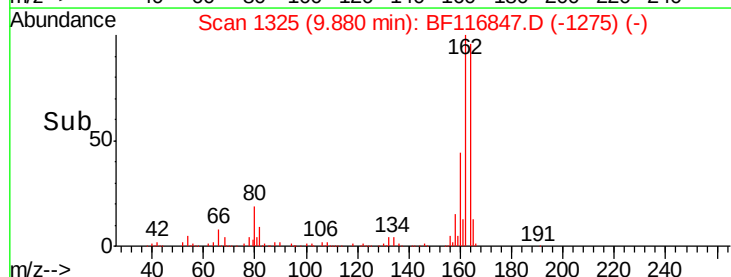
160 44.3 35.4 53.2

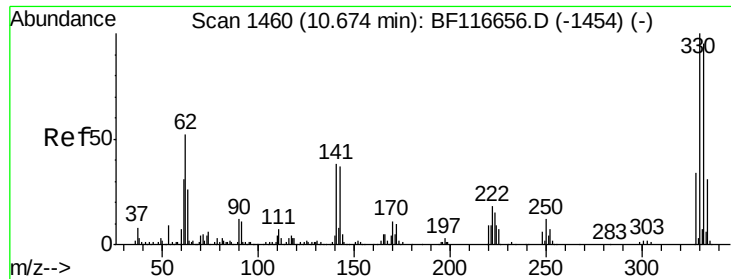


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

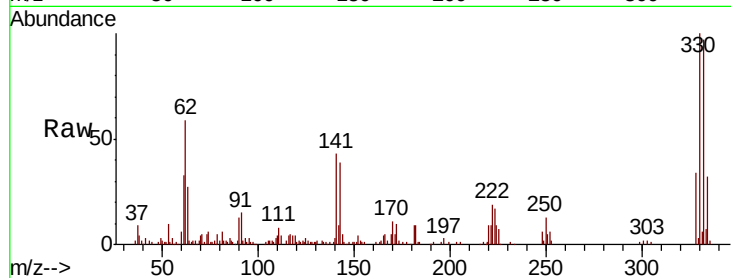




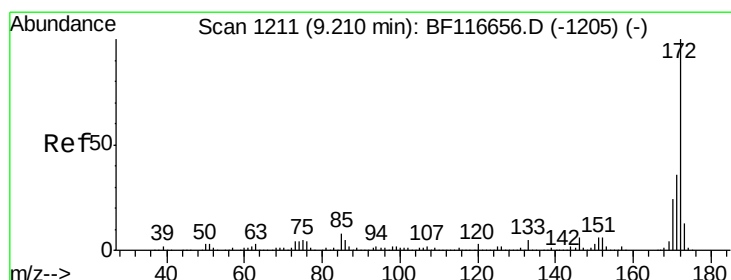
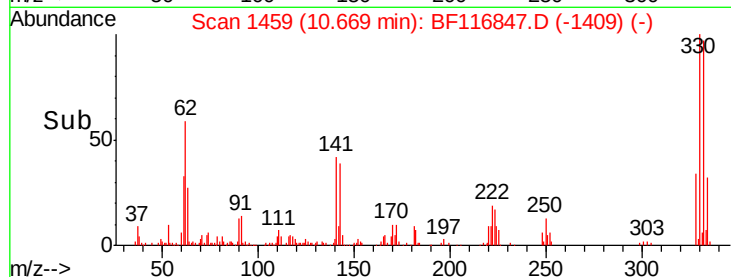
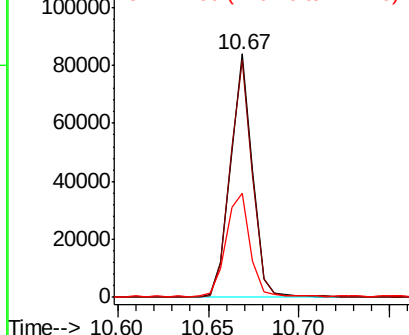
#42
 2,4,6-Tribromophenol
 Concen: 71.786 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.9	115.3
141	49.8	31.4	47.2#

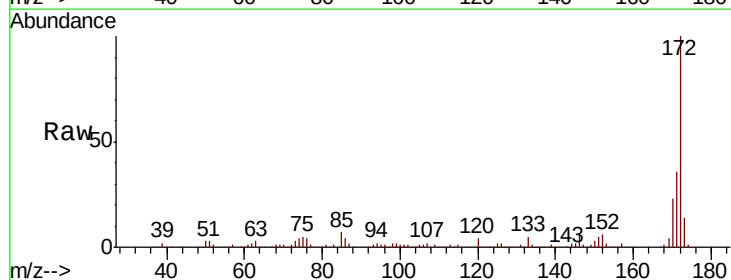


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

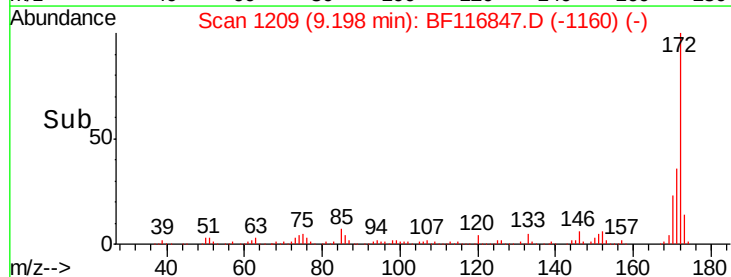
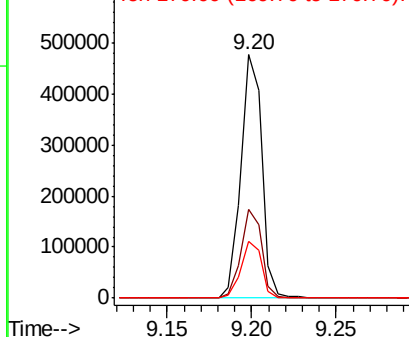


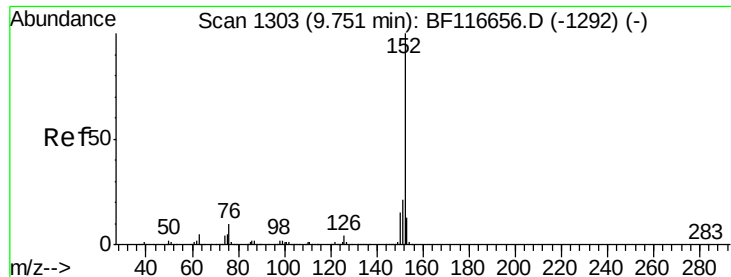
#45
 2-Fluorobiphenyl
 Concen: 47.089 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.6
170	23.3	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





#49

Acenaphthylene

Concen: 2.230 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

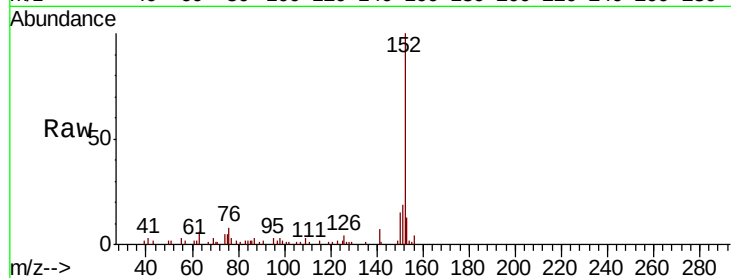
Tot Ion:152 Resp: 29965

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

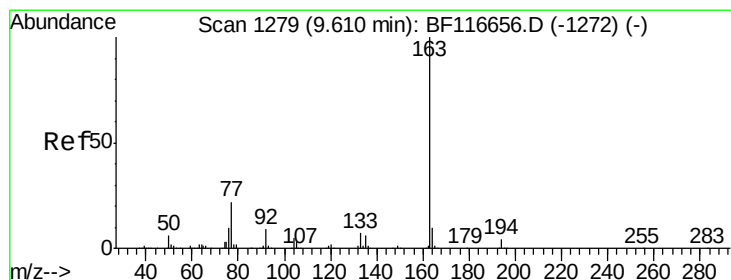
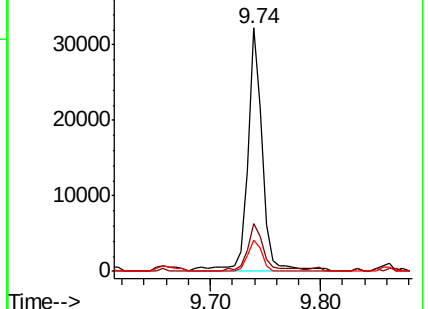
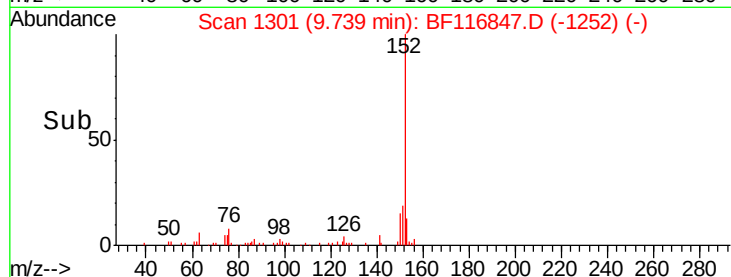
153 12.7 10.9 16.3



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: 5.669 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

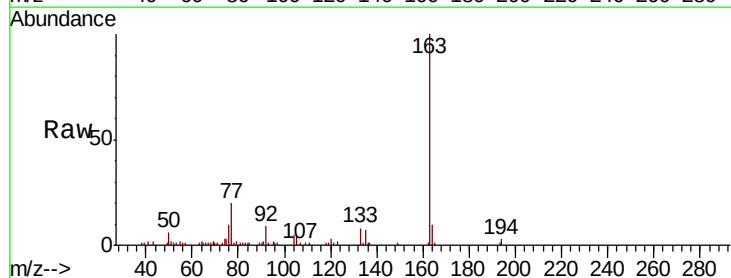
Tgt Ion:163 Resp: 57904

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

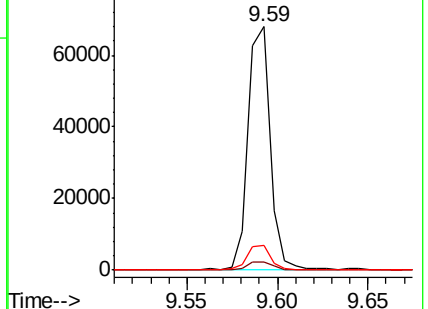
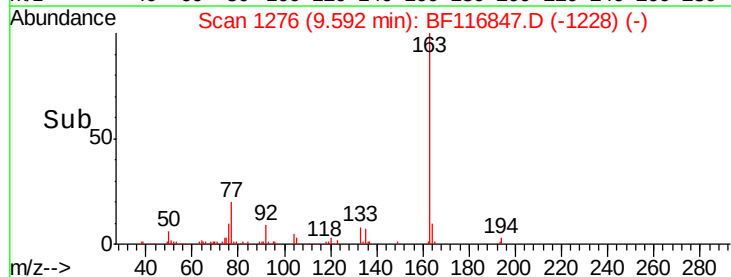
164 10.2 8.6 12.8

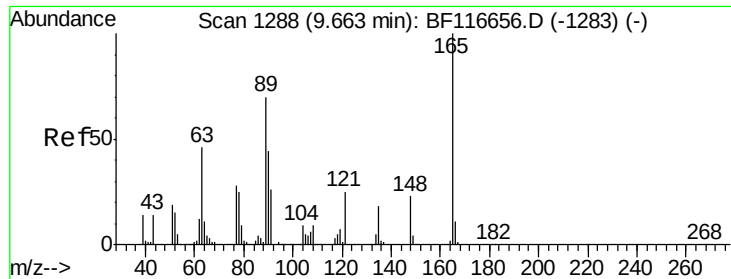


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

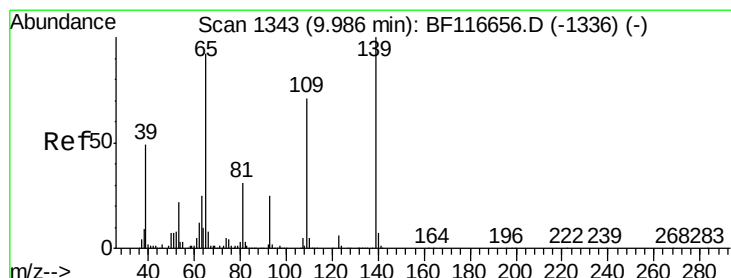
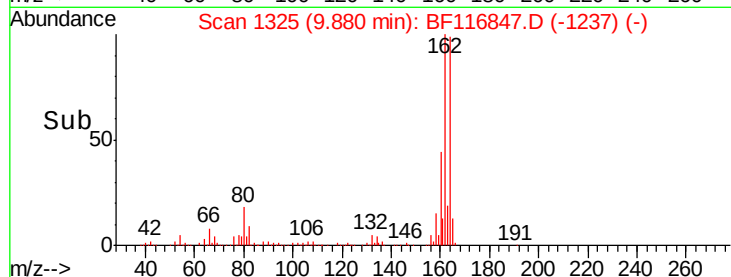
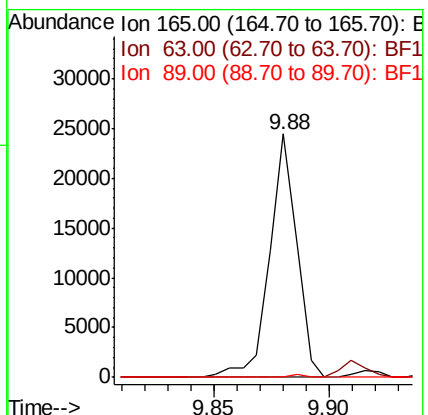
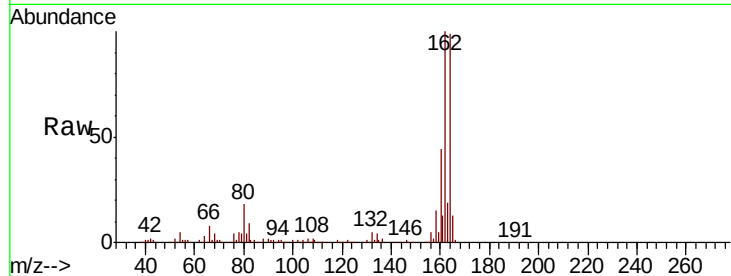




#51
 2,6-Dinitrotoluene
 Concen: 10.272 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.22 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

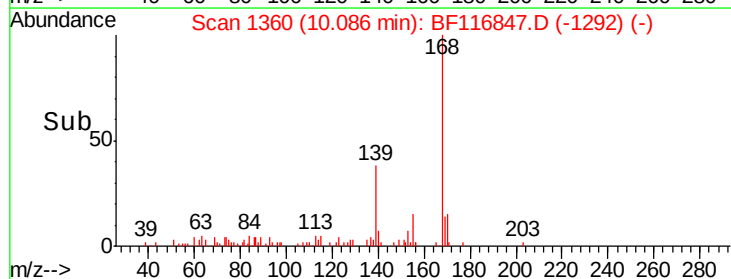
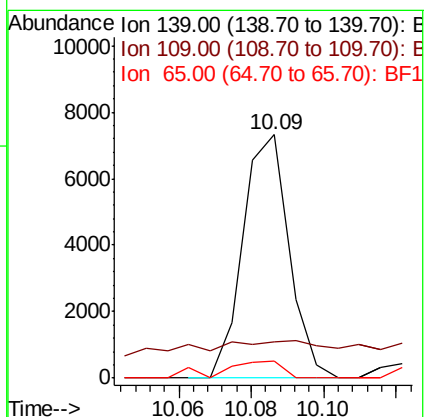
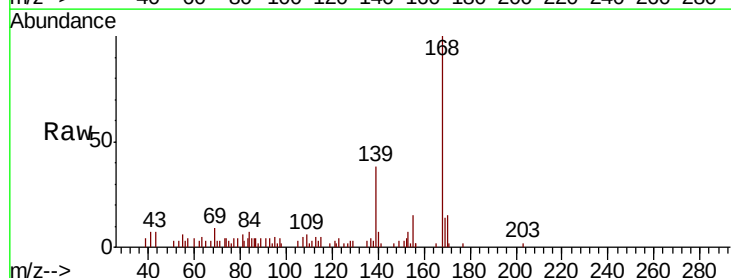
Instrument :
 BNA_F
 ClientSampleId :

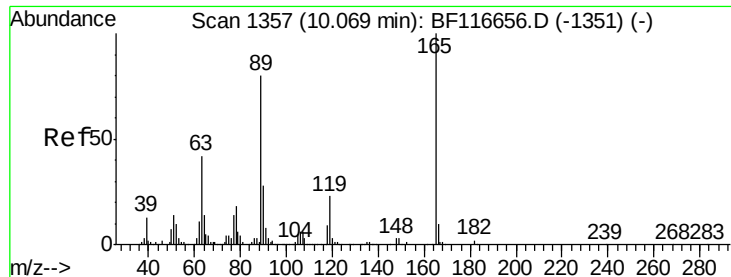
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	52.5	78.7#



#56
 4-Nitrophenol
 Concen: 3.859 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.10 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	14.9	61.7	101.7#
65	6.7	89.1	129.1#

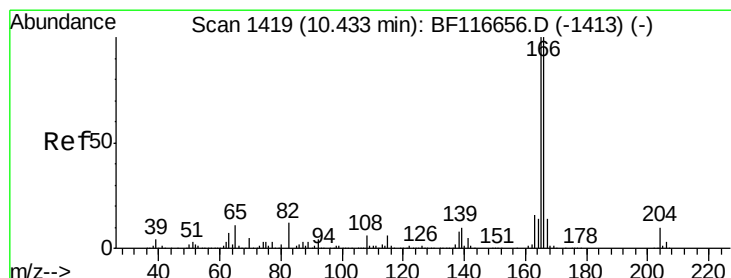
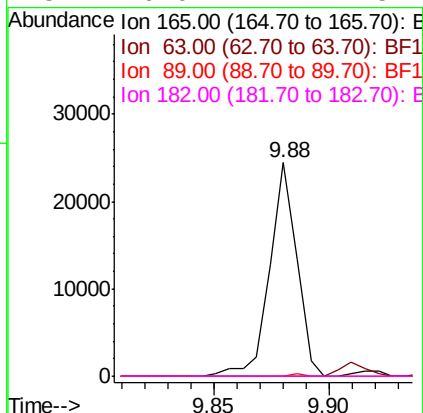
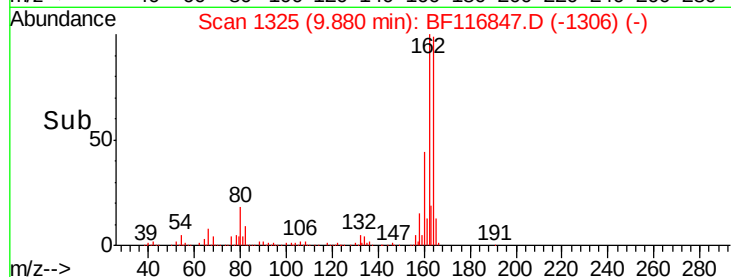
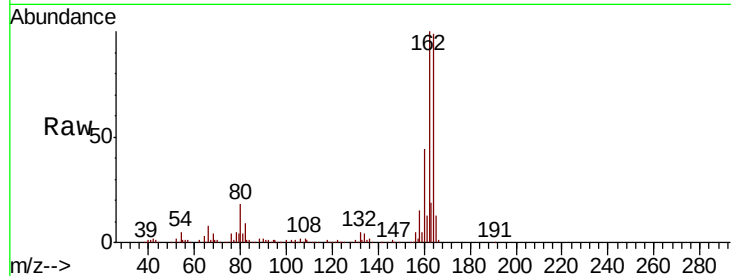




#57
 2,4-Dinitrotoluene
 Concen: 8.400 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

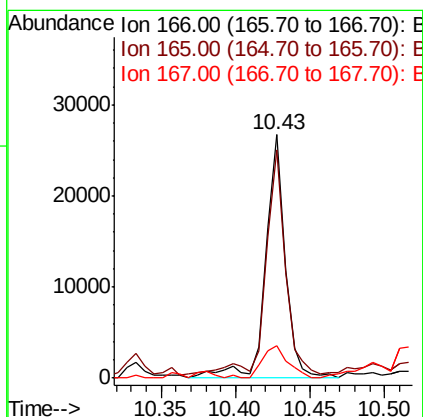
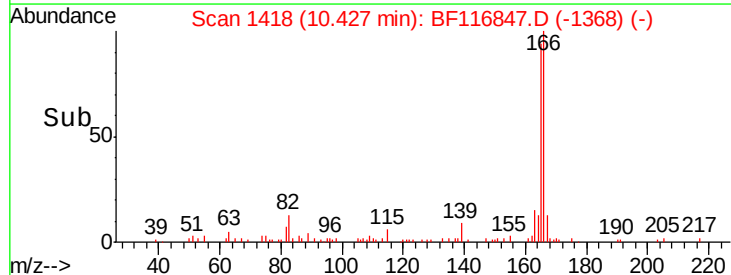
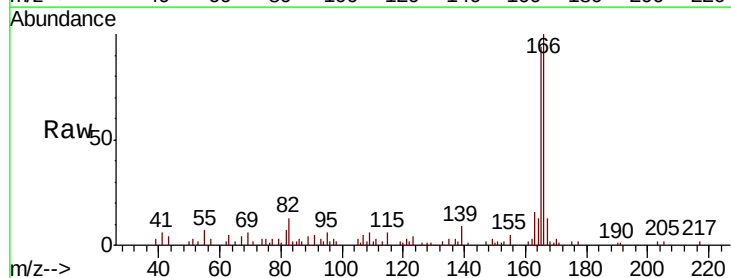
Instrument :
 BNA_F
 ClientSampleId :

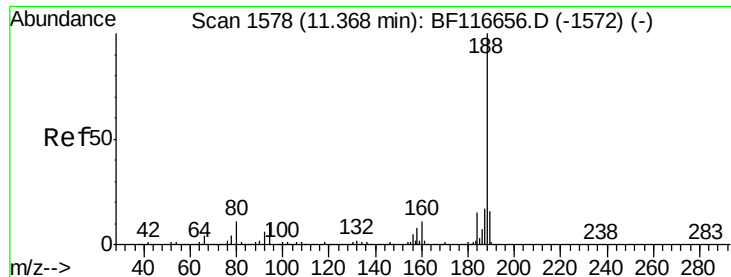
Tot Ion:	165	Resp:	20016
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: 2.742 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

Tgt Ion:	166	Resp:	24325
Ion	Ratio	Lower	Upper
166	100		
165	93.9	78.8	118.2
167	13.3	10.0	15.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

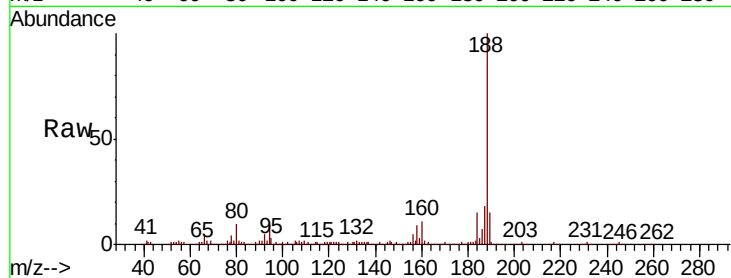
Tot Ion:188 Resp: 221249

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

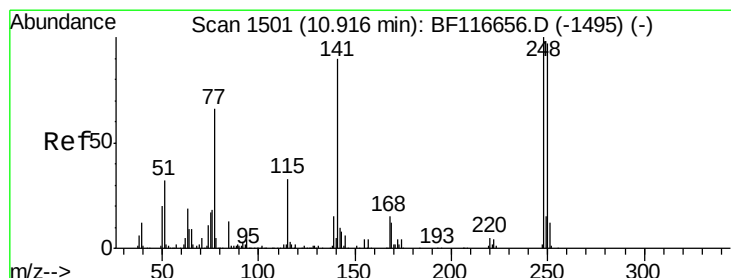
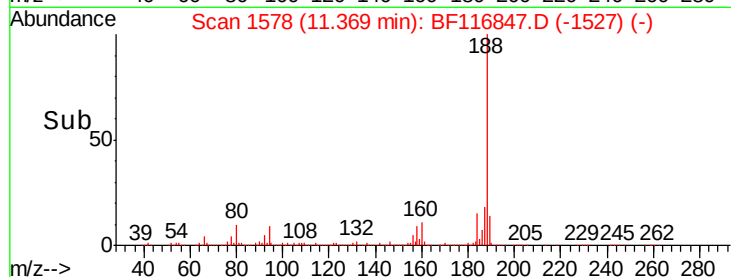
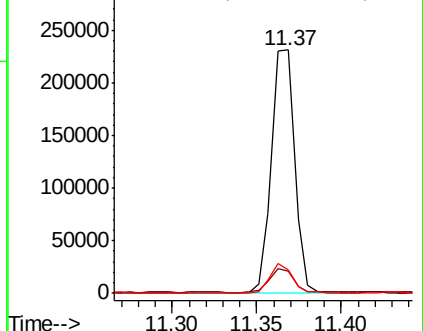
80 9.8 8.4 12.6



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



#67

4-Bromophenyl-phenylether

Concen: 2.040 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

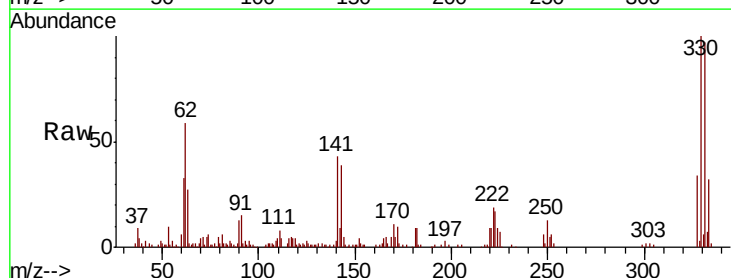
Tgt Ion:248 Resp: 4584

Ion Ratio Lower Upper

248 100

250 215.5 77.8 116.8#

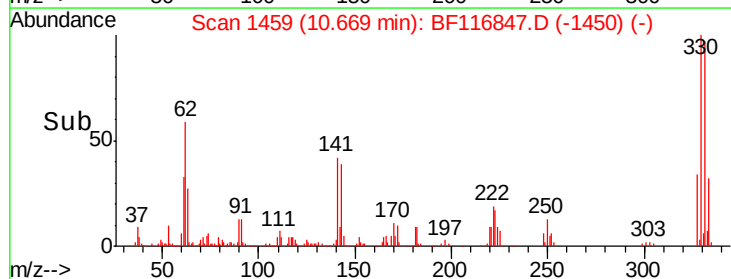
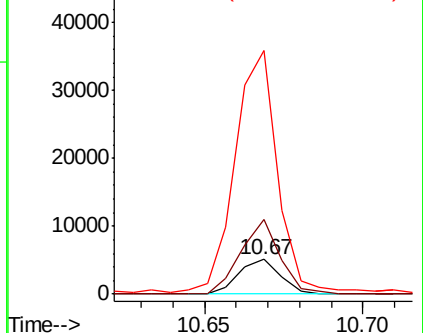
141 697.4 75.9 113.9#

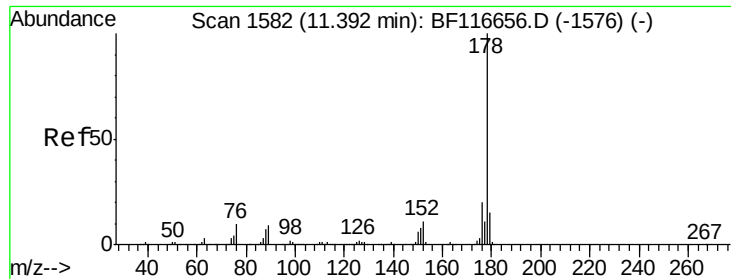


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 28.176 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

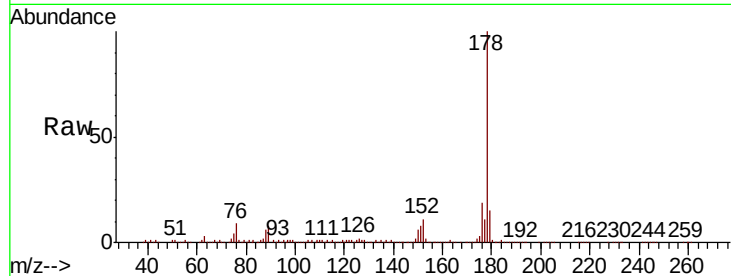
Tot Ion:178 Resp: 347015

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

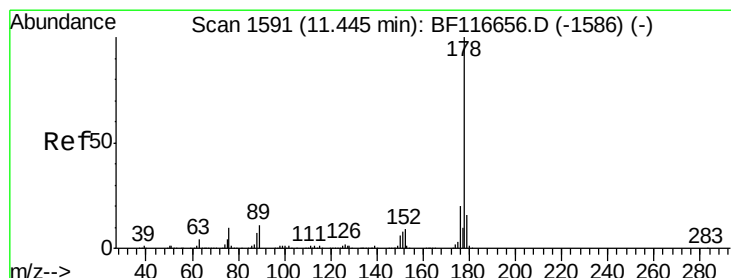
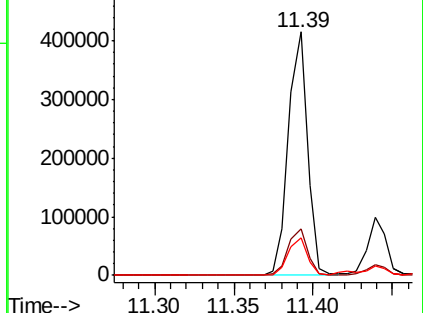
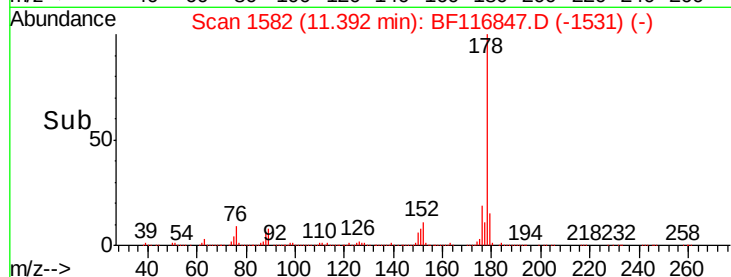
179 15.4 12.2 18.2



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: 6.363 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

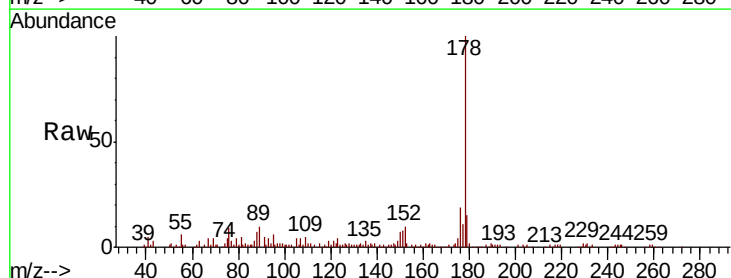
Tgt Ion:178 Resp: 78888

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

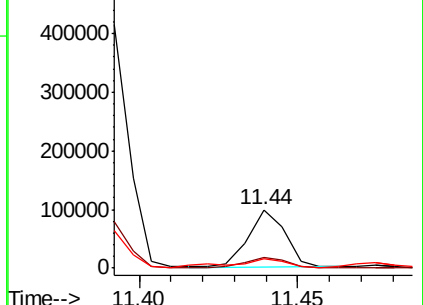
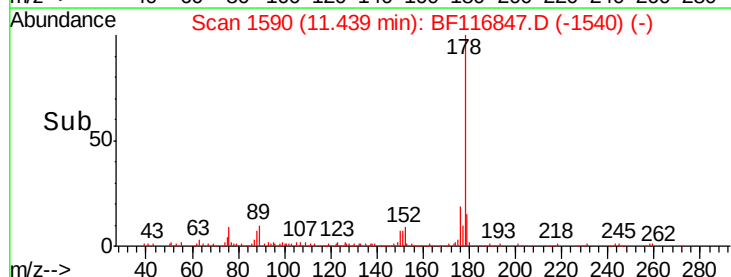
179 15.1 12.5 18.7

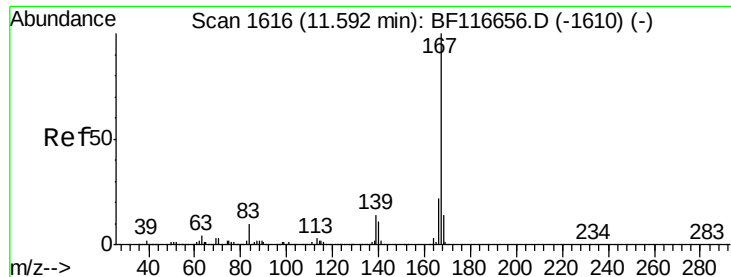


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

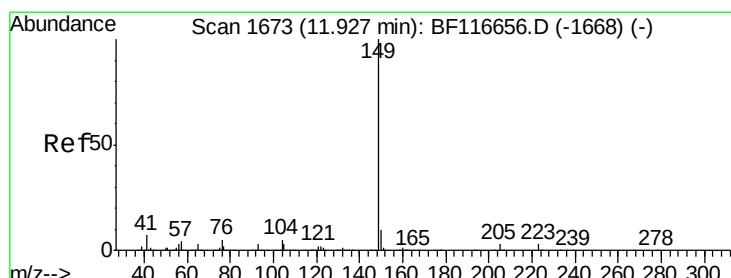
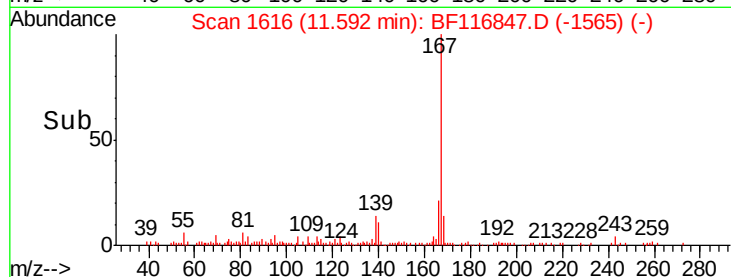
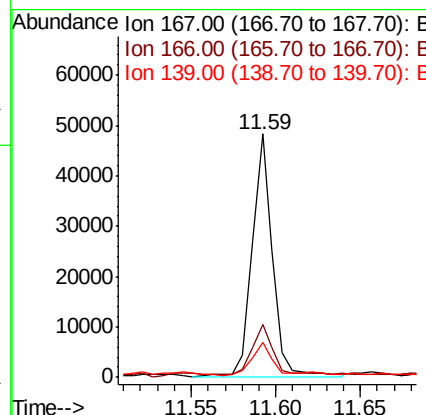
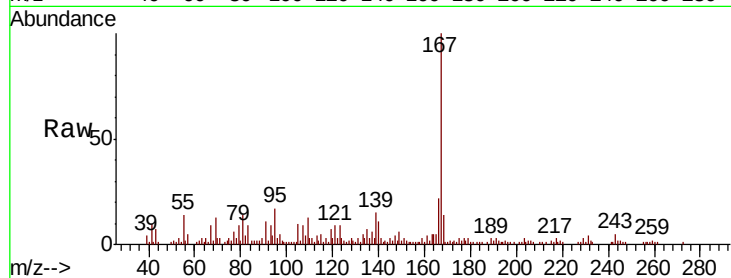




#73
 Carbazole
 Concen: 3.494 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

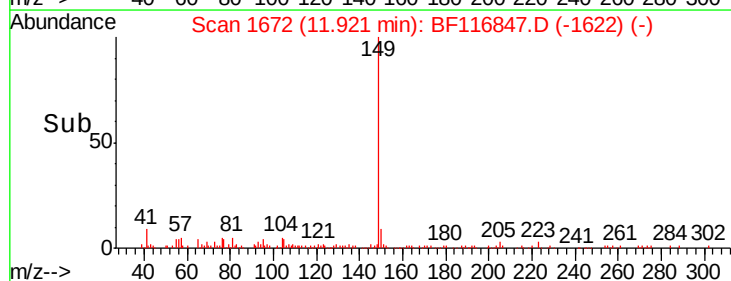
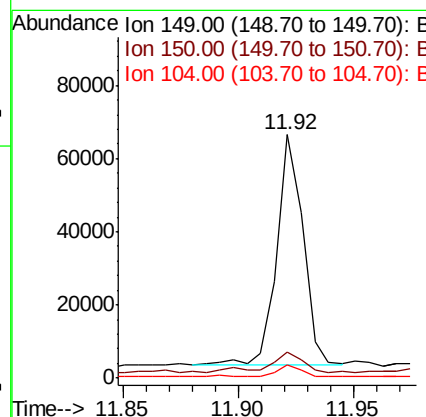
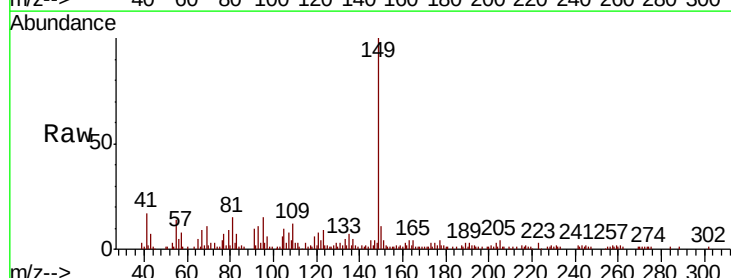
Instrument :
 BNA_F
 ClientSampleId :

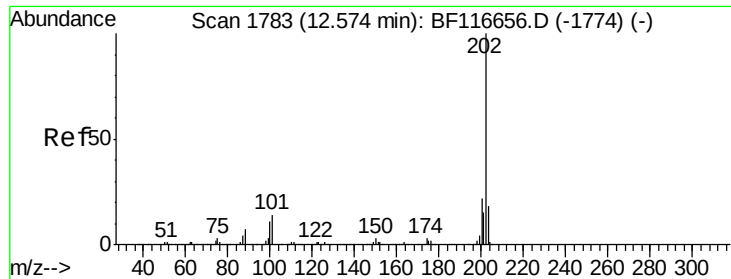
Tot Ion:167 Resp: 41260
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 14.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 3.280 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

Tgt Ion:149 Resp: 49656
 Ion Ratio Lower Upper
 149 100
 150 10.6 7.2 10.8
 104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 42.684 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116847.D

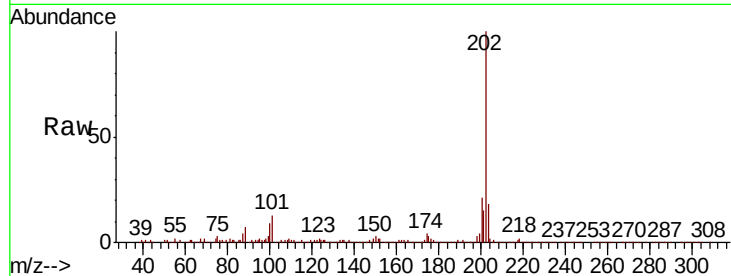
Acq: 5 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

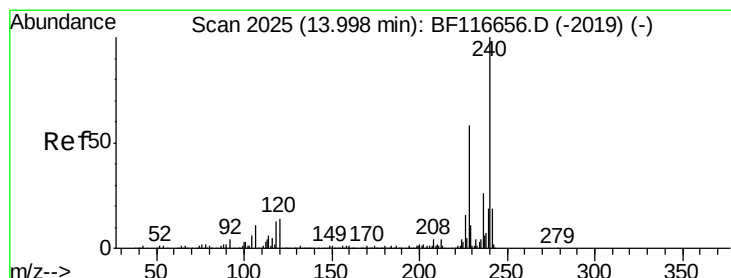
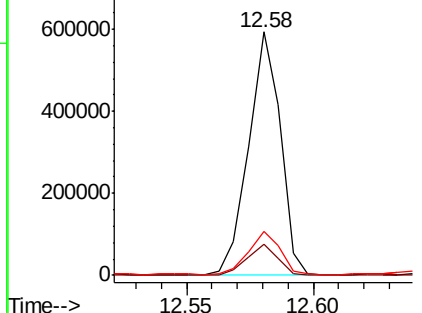
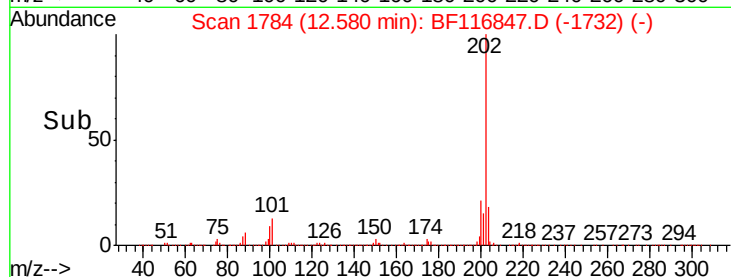
Tot Ion:202	Resp:	516641
Ion Ratio	Lower	Upper
202	100	
101	12.5	0.0 31.3
203	18.2	0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

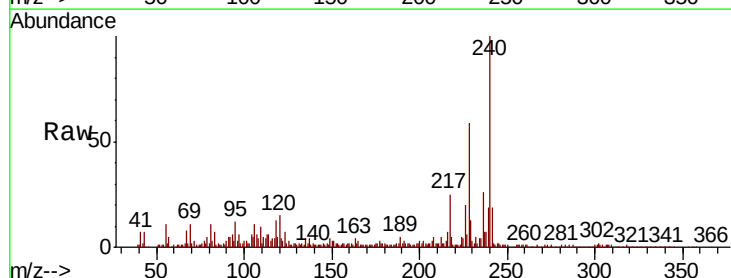
RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

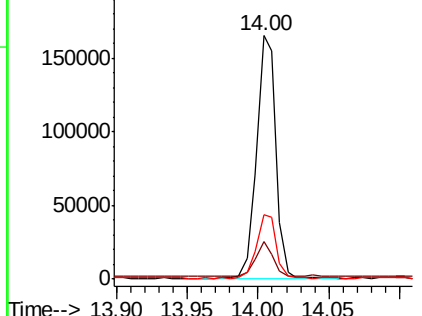
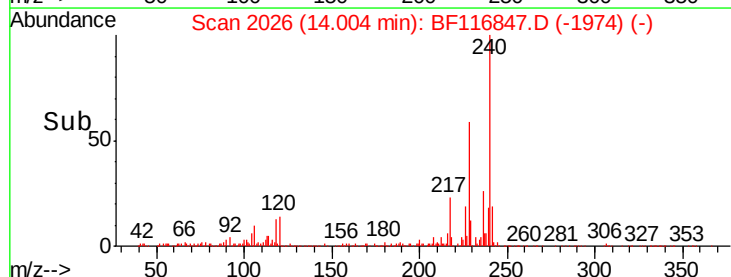
Tgt Ion:240	Resp:	159265
Ion Ratio	Lower	Upper
240	100	
120	15.2	9.1 13.7#
236	26.3	21.1 31.7

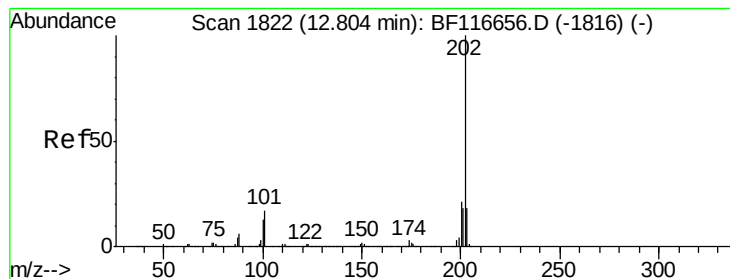


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 33.914 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :

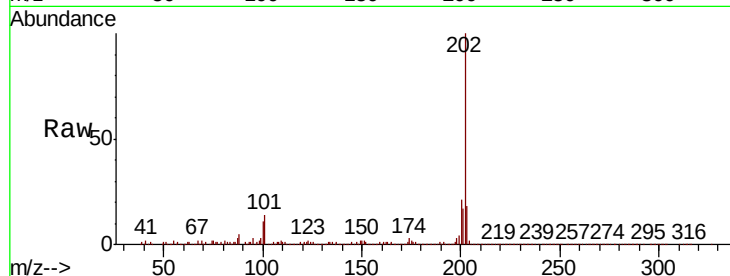
Tot Ion:202 Resp: 480143

Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

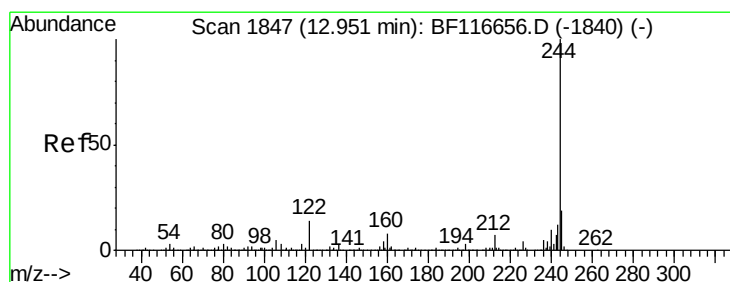
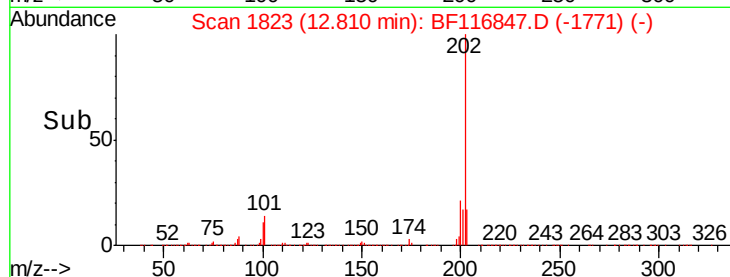
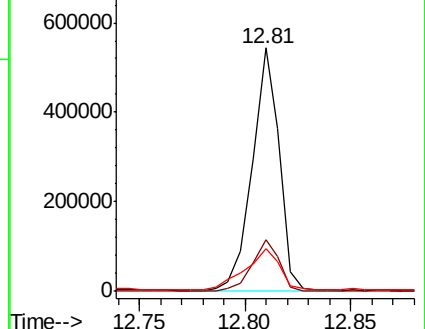
203 17.7 13.7 20.5



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



#79

Terphenyl-d14

Concen: 42.730 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

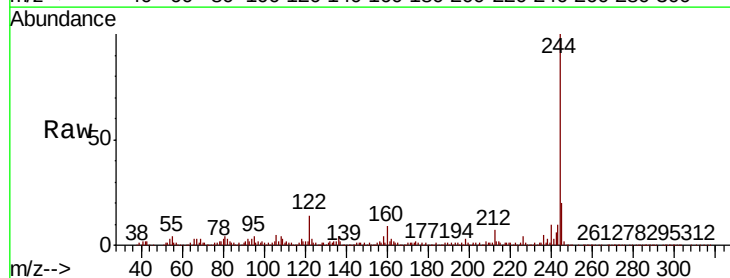
Tgt Ion:244 Resp: 367871

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

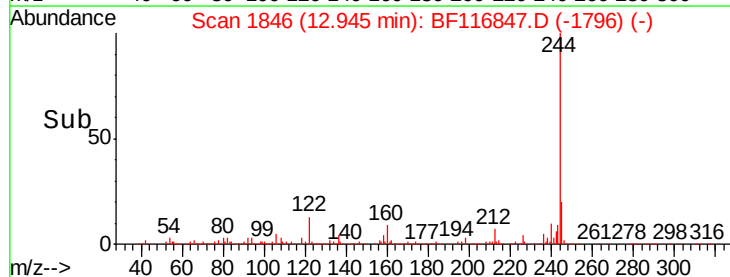
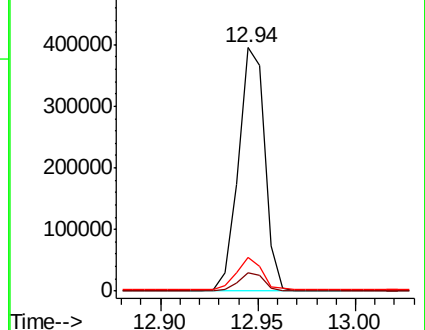
122 13.7 10.2 15.4

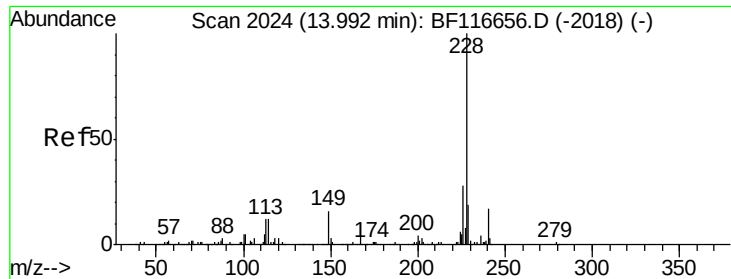


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

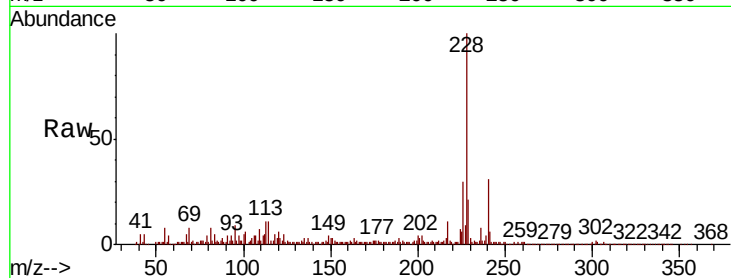




#81
Benzo(a)anthracene
Concen: 23.723 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.0	33.0
229	21.0	16.4	24.6

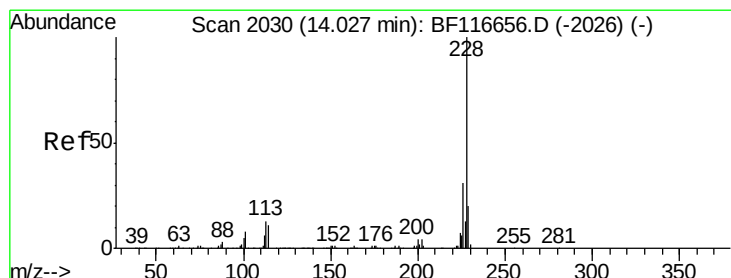
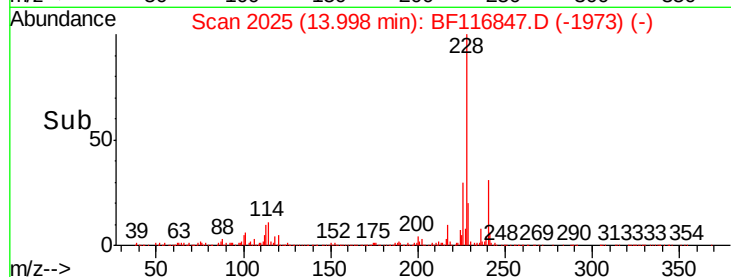
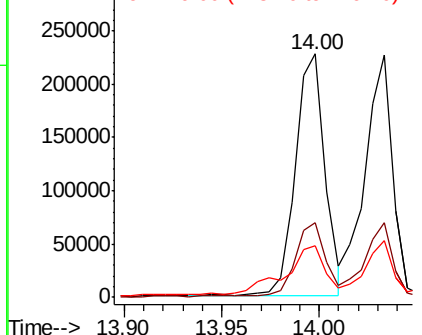


Abundance

Ion 228.00 (227.70 to 228.70): E

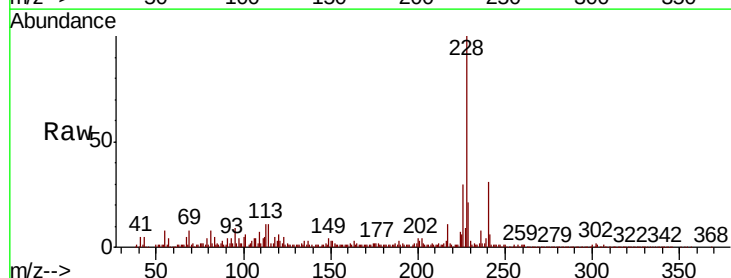
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 23.027 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	21.0	15.4	23.0

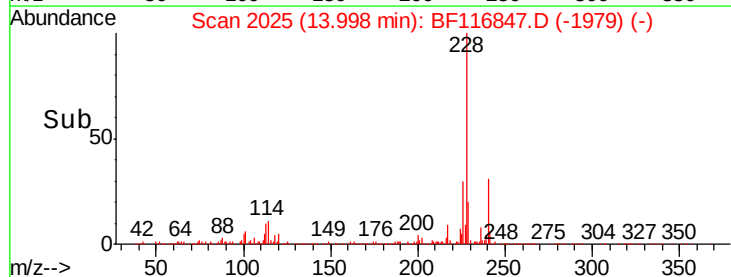
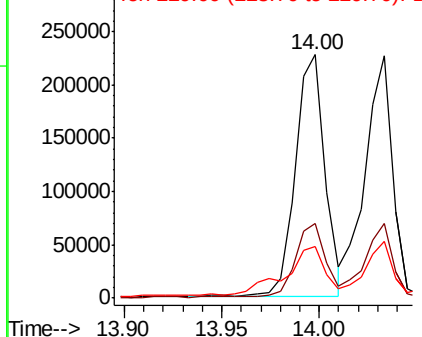


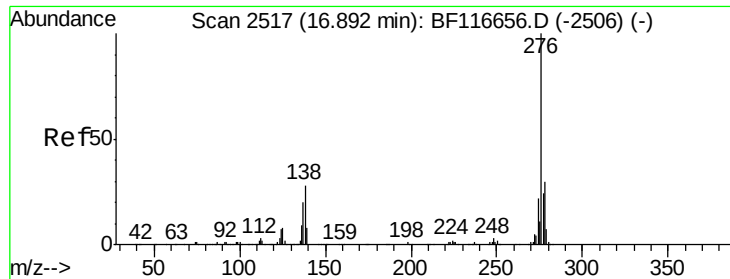
Abundance

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

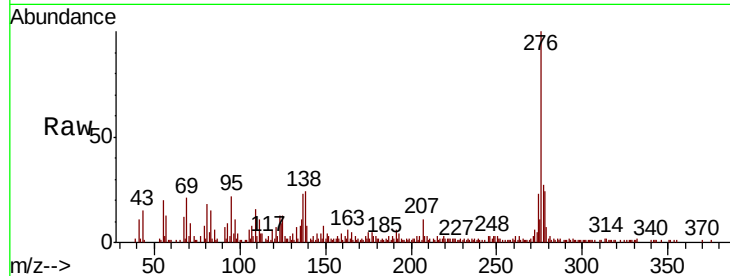




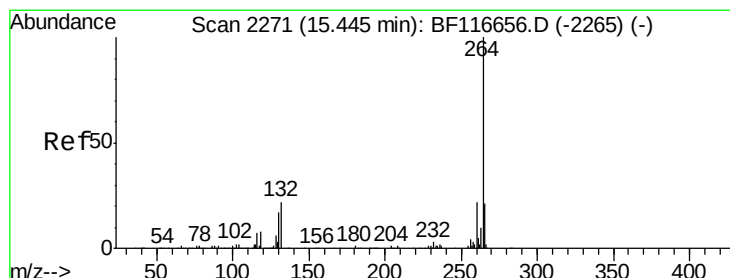
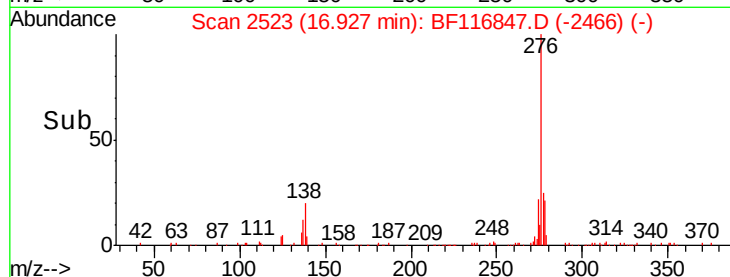
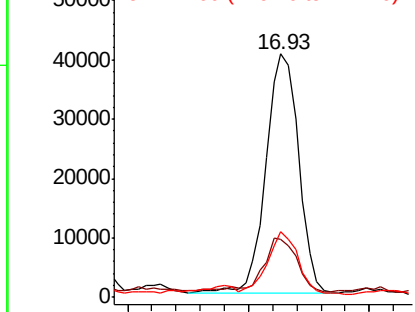
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.976 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.04 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.2
277	24.5	20.5	30.7

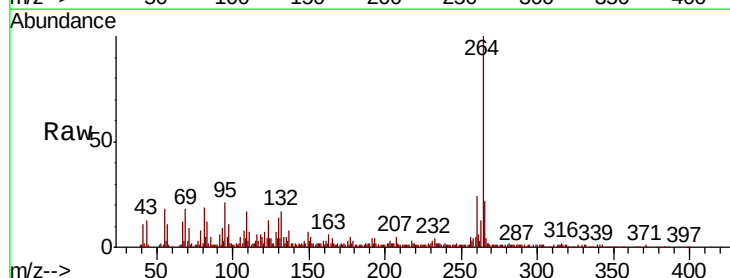


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

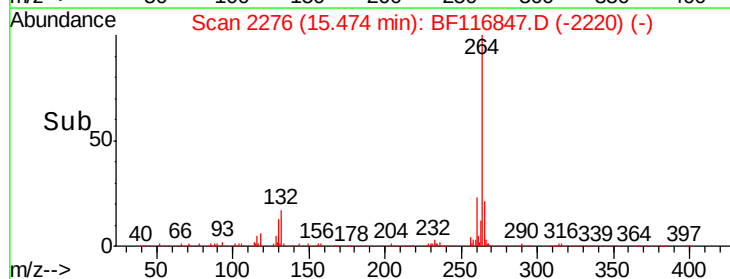
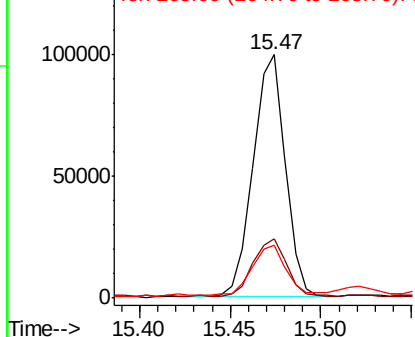


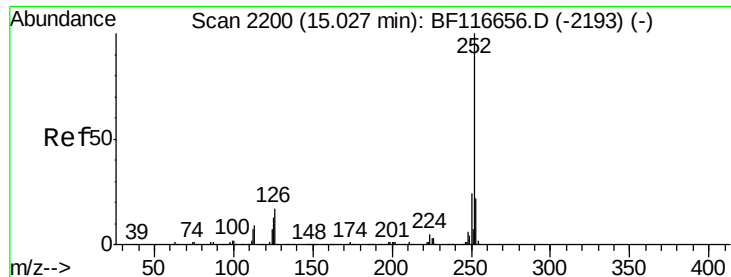
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.9	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

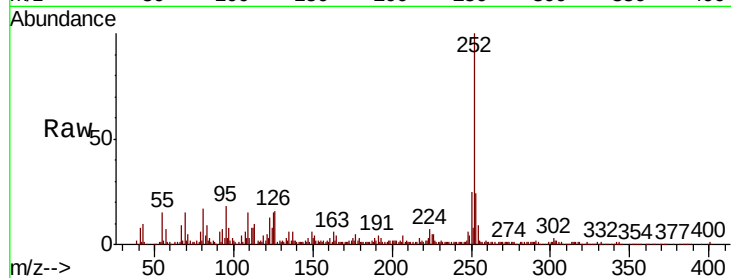




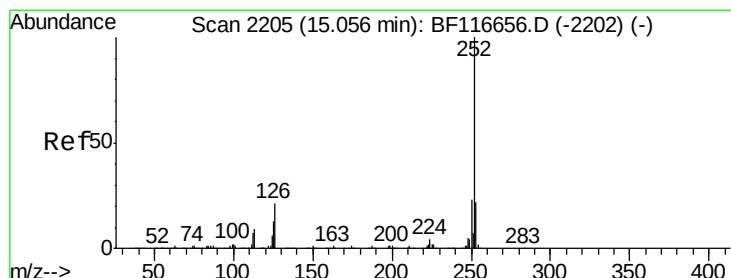
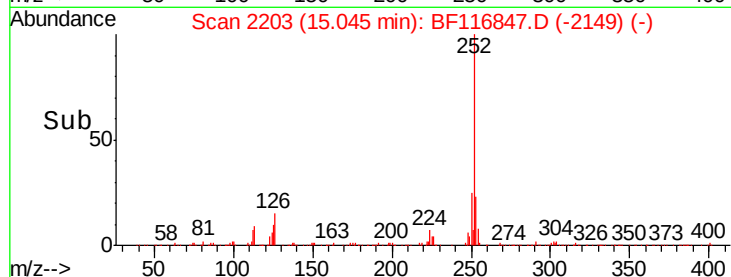
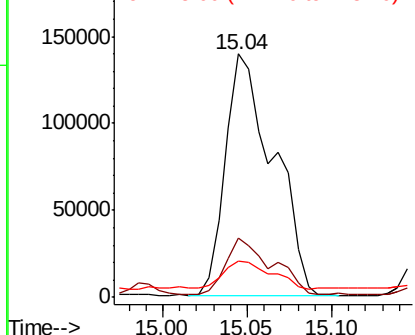
#88
 Benzo(b)fluoranthene
 Concen: 36.906 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. 0.02 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	14.7	8.2	12.2

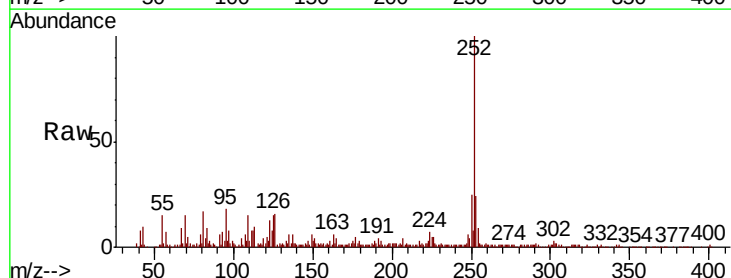


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

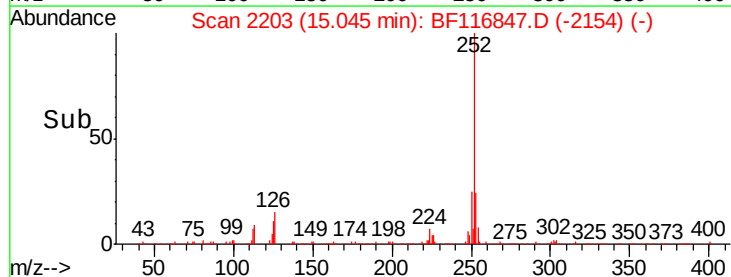
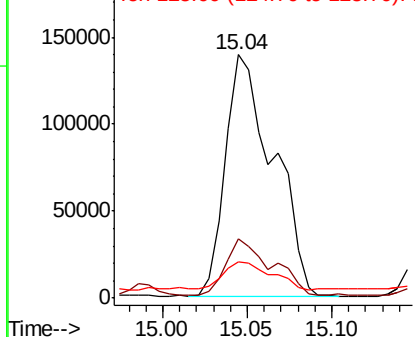


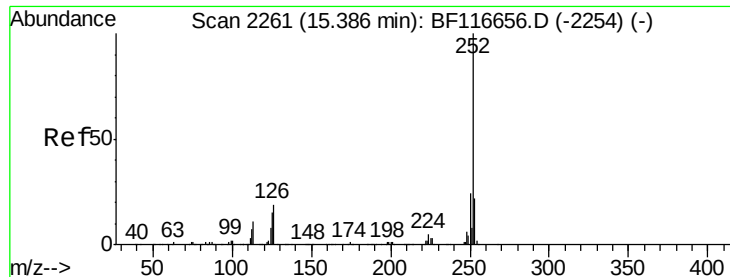
#89
 Benzo(k)fluoranthene
 Concen: 40.477 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF116847.D
 Acq: 5 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	14.7	8.6	13.0



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

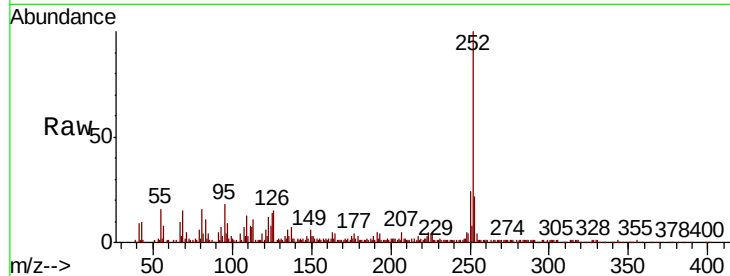




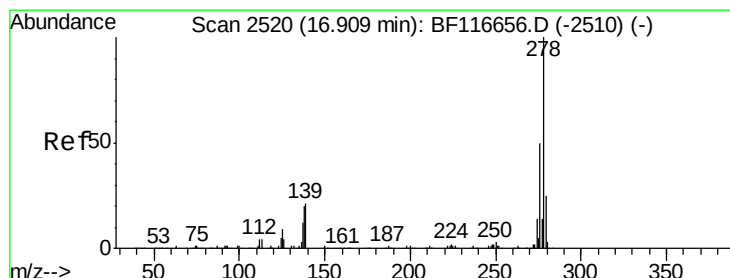
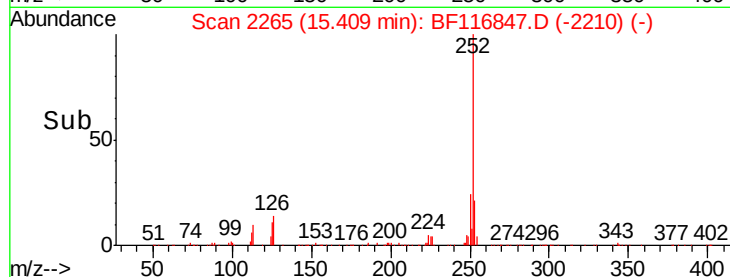
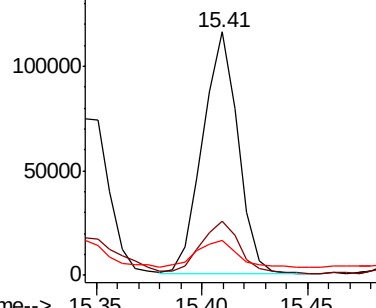
#90
Benzo(a)pyrene
Concen: 20.747 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 133912
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 14.3 9.8 14.8

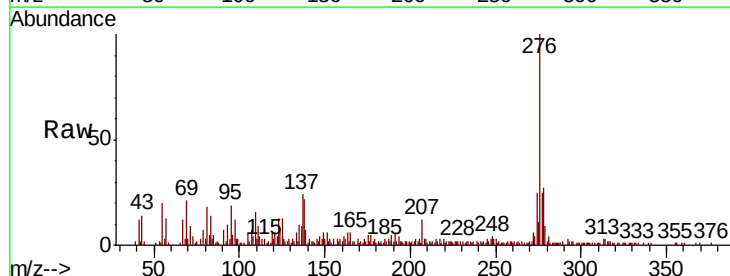


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

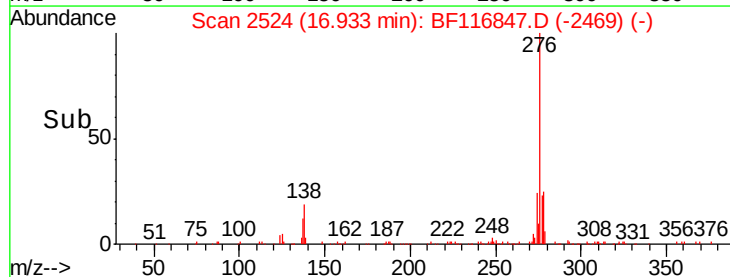
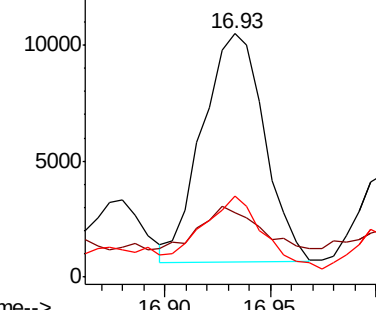


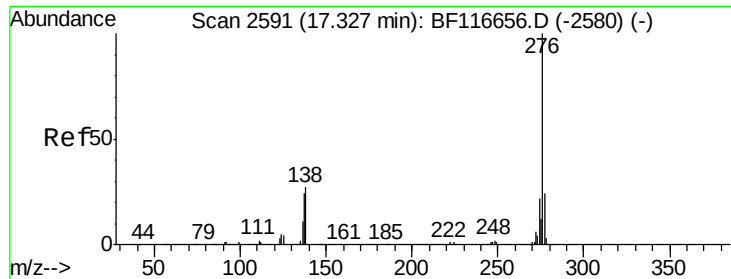
#91
Dibenzo(a,h)anthracene
Concen: 3.561 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF116847.D
Acq: 5 Sep 2019 19:21

Tgt Ion:278 Resp: 20116
Ion Ratio Lower Upper
278 100
139 26.4 12.4 18.6#
279 33.5 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: 12.783 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.04 min

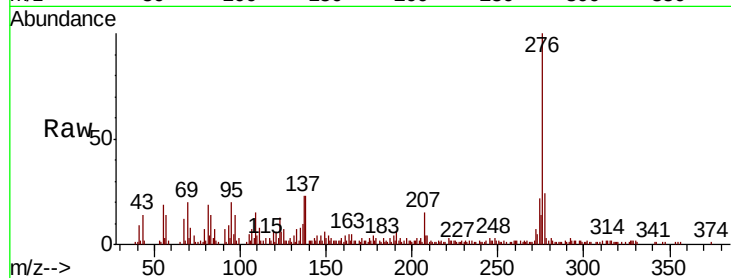
Lab File: BF116847.D

Acq: 5 Sep 2019 19:21

Instrument :

BNA_F

ClientSampleId :



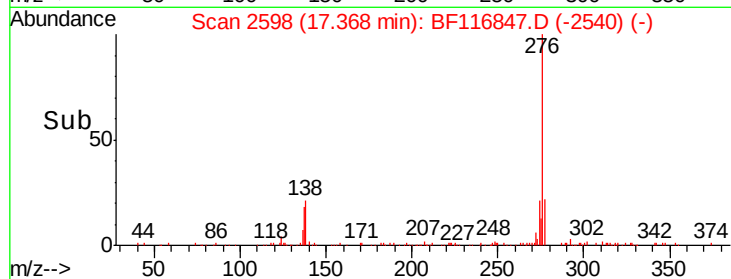
Tot Ion: 276 Resp: 73654

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 23.1 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

