

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115874.D
 Acq On : 31 Jul 2019 18:59
 Operator : HP/JU
 Sample : K4049-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Quant Time: Aug 01 04:57:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145482	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	558819	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	292761	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	472380	20.00	ng	0.00
76) Chrysene-d12	14.02	240	336202	20.00	ng	0.00
87) Perylene-d12	15.50	264	398260	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	892569	102.71	ng	0.00
7) Phenol-d6	6.49	99	1169206	106.64	ng	0.00
23) Nitrobenzene-d5	7.41	82	745011	76.96	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	272237	95.91	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1235805	79.07	ng	0.00
79) Terphenyl-d14	12.96	244	1140820	71.50	ng	0.00

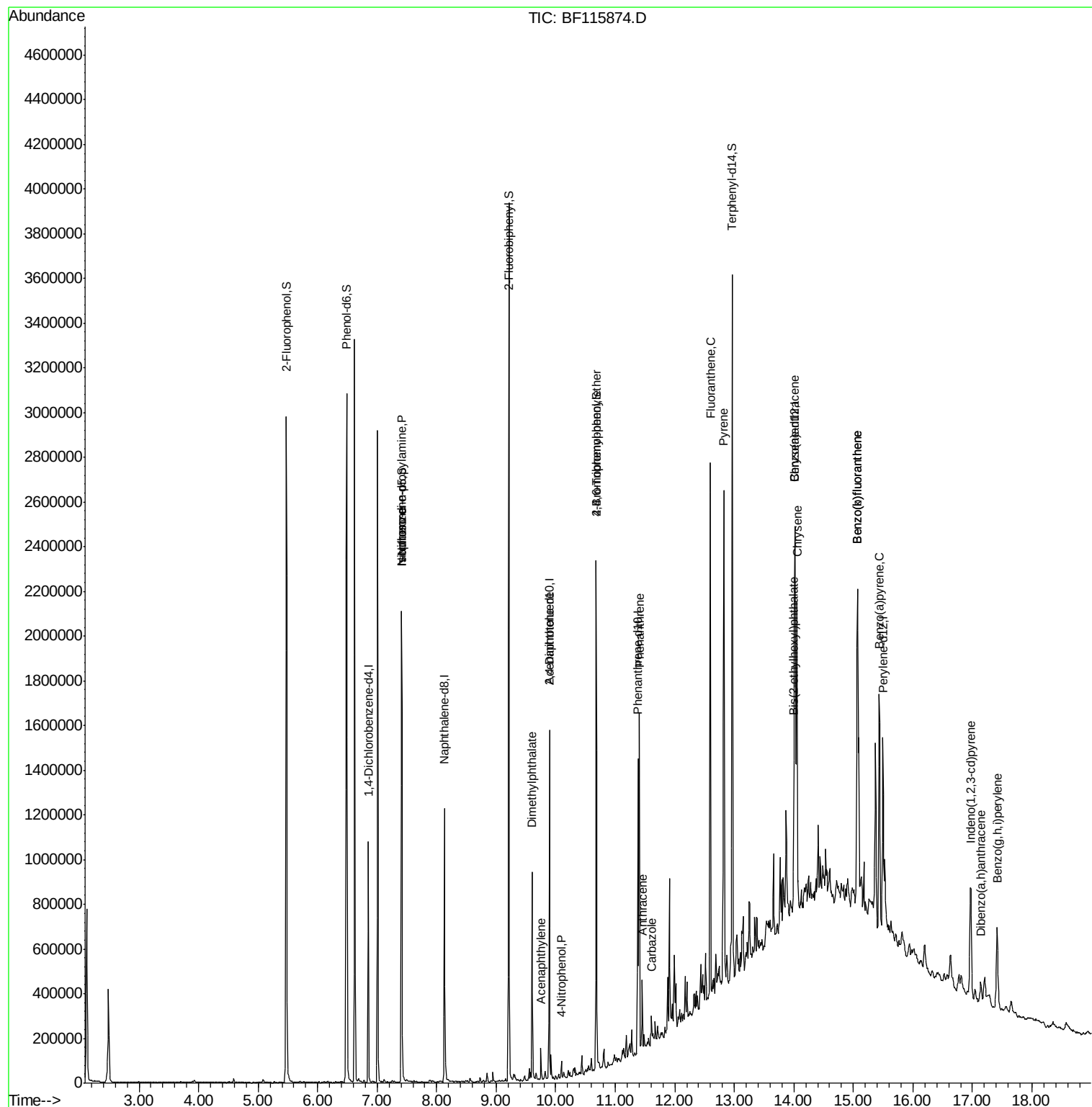
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propylamine	7.41	70	99430	14.634	ng	# 78
25) Isophorone	7.41	82	741009	40.029	ng	# 66
49) Acenaphthylene	9.75	152	53622	2.137	ng	97
50) Dimethylphthalate	9.60	163	325080	16.308	ng	99
56) 4-Nitrophenol	10.10	139	8122	2.369	ng	# 15
57) 2,4-Dinitrotoluene	9.89	165	39090	6.777	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	16659	3.294	ng	# 1
71) Phenanthrene	11.40	178	544167	22.534	ng	100
72) Anthracene	11.45	178	121275	4.962	ng	98
73) Carbazole	11.61	167	51325	2.315	ng	98
75) Fluoranthene	12.60	202	998970	39.514	ng	100
78) Pyrene	12.82	202	945413	37.304	ng	99
81) Benzo(a)anthracene	14.02	228	579085	26.948	ng	98
83) Chrysene	14.05	228	597270	28.629	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	42801	3.072	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.97	276	341465	19.488	ng	96
88) Benzo(b)fluoranthene	15.07	252	1067027	46.336	ng	# 96
89) Benzo(k)fluoranthene	15.07	252	1067027	47.573	ng	99
90) Benzo(a)pyrene	15.43	252	511992	24.872	ng	97
91) Dibenzo(a,h)anthracene	17.14	278	69104	3.878	ng	92
92) Benzo(g,h,i)perylene	17.42	276	312611	17.864	ng	99

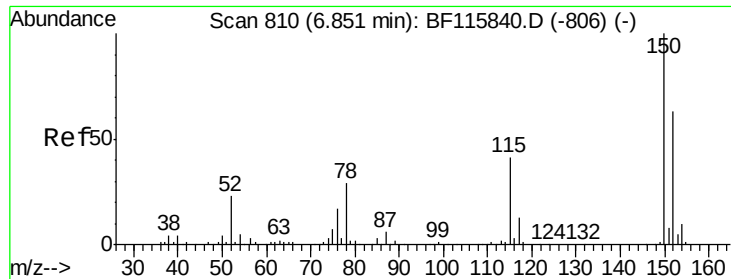
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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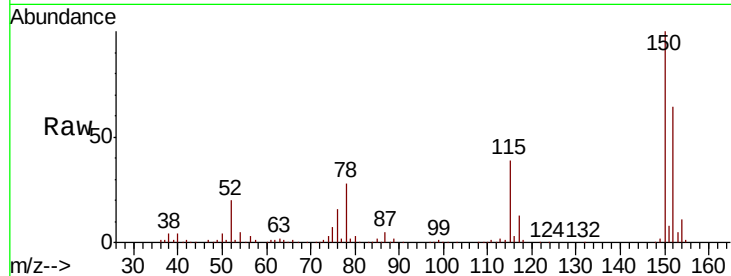


#1

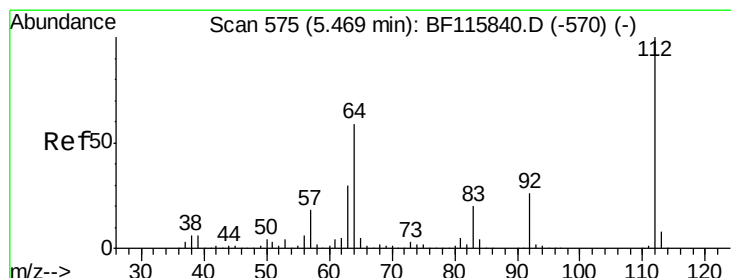
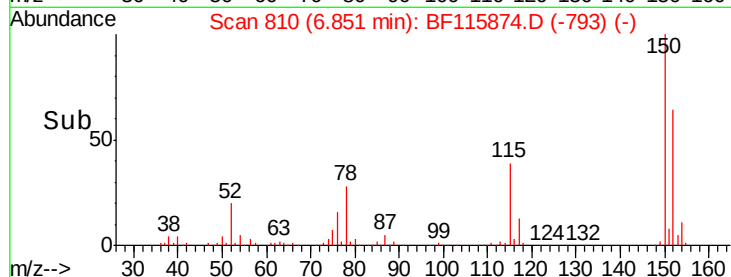
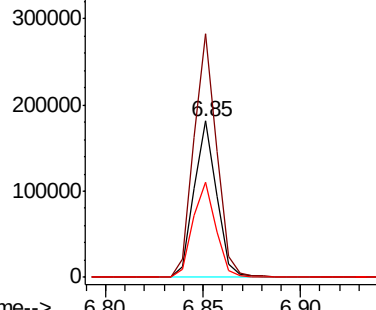
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115874.D
Acq: 31 Jul 2019 18:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:152 Resp: 145482
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 61.0 51.8 77.8



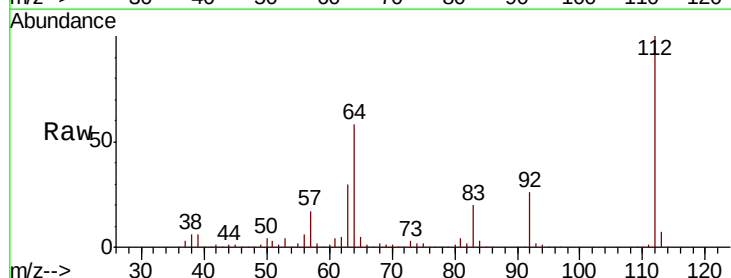
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



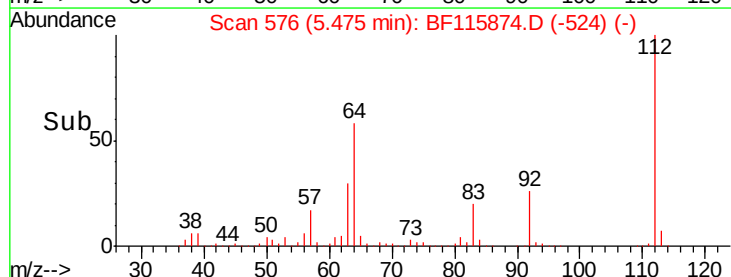
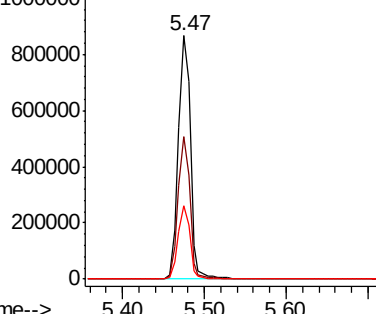
#5

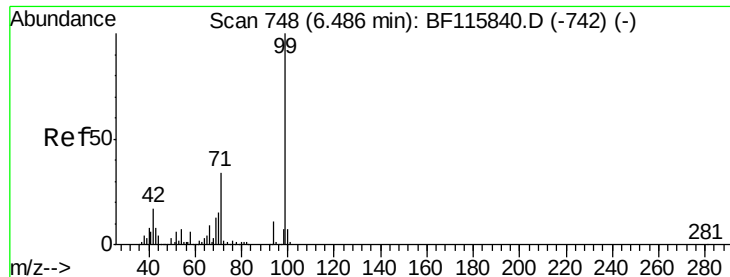
2-Fluorophenol
Concen: 102.708 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115874.D
Acq: 31 Jul 2019 18:59

Tgt Ion:112 Resp: 892569
Ion Ratio Lower Upper
112 100
64 58.5 46.8 70.2
63 30.2 24.2 36.2



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: 106.636 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SP-9

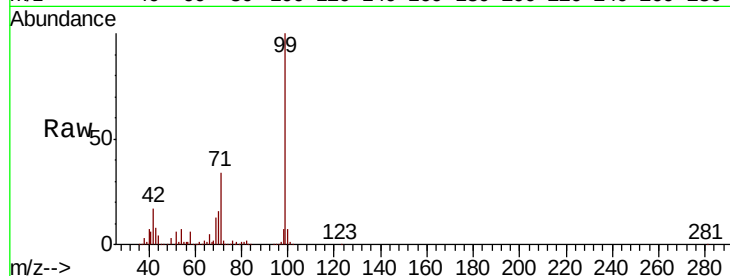
Tgt Ion: 99 Resp: 1169206

Ion Ratio Lower Upper

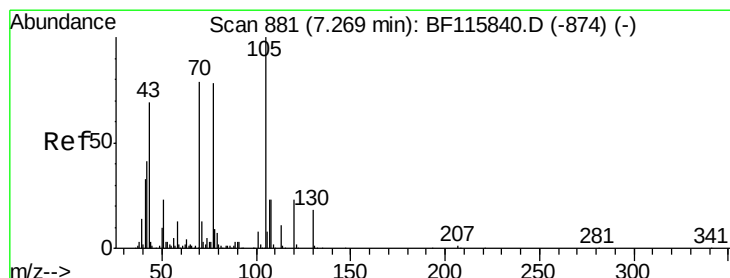
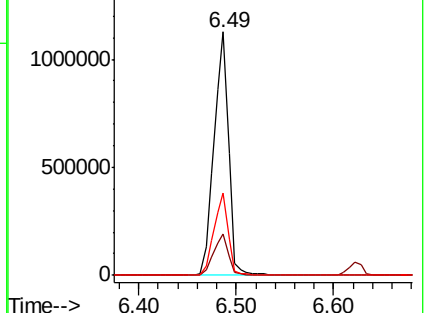
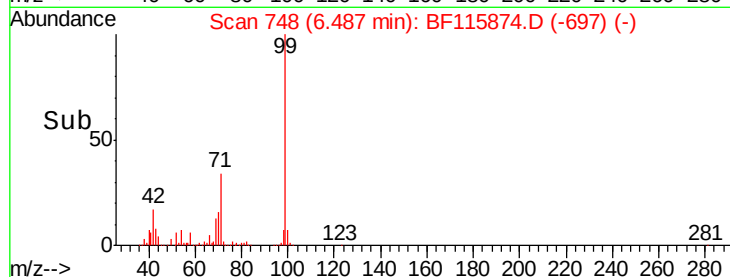
99 100

42 16.9 13.8 20.6

71 34.0 27.1 40.7



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: 14.634 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Tgt Ion: 70 Resp: 99430

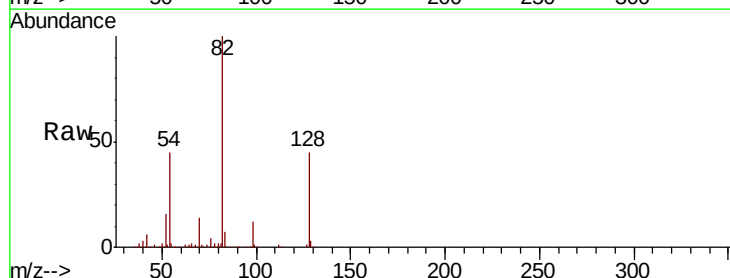
Ion Ratio Lower Upper

70 100

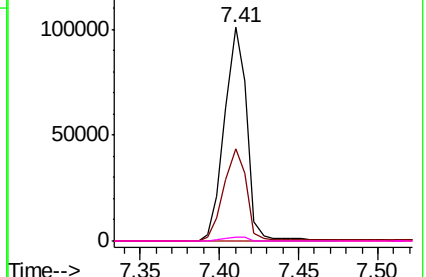
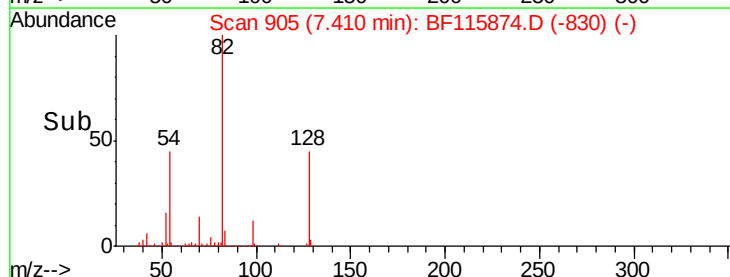
42 43.4 41.8 62.8

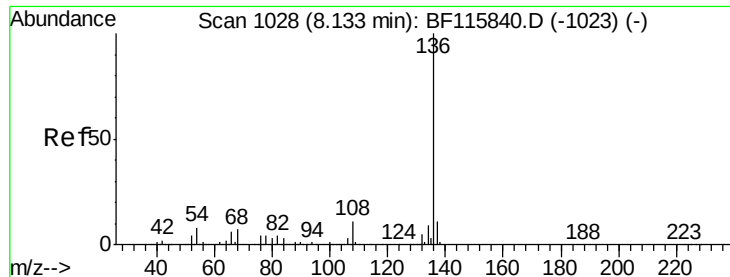
101 0.0 7.7 11.5#

130 2.1 17.8 26.6#



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

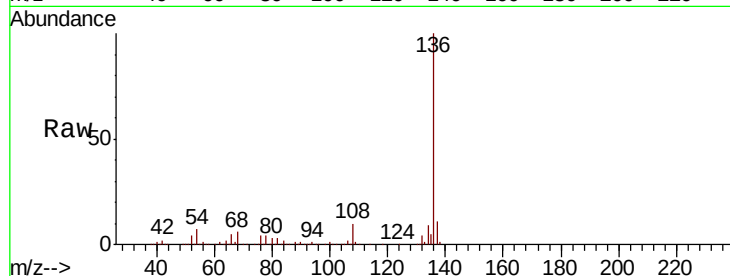




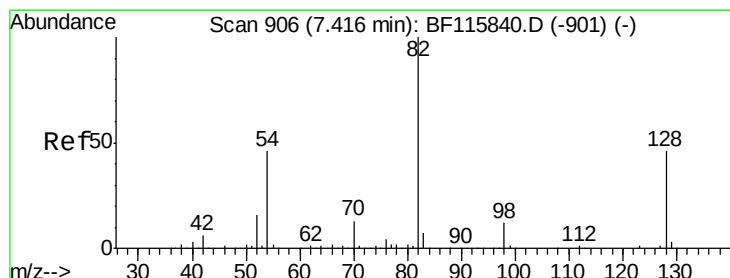
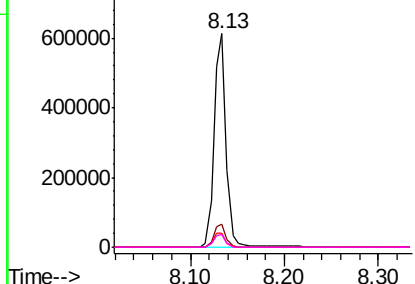
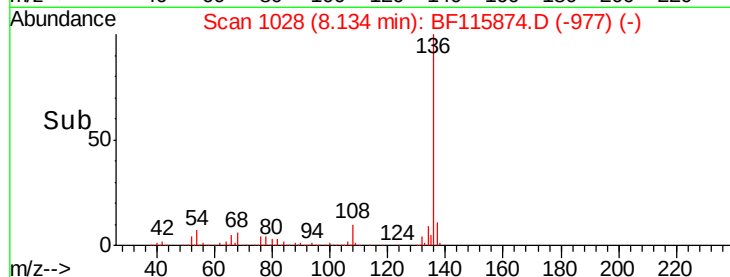
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115874.D
Acq: 31 Jul 2019 18:59

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Tgt Ion:	136	Resp:	558819
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.1	9.1
68	5.8	5.4	8.2

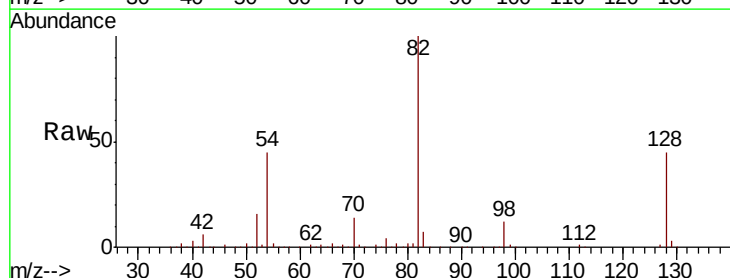


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

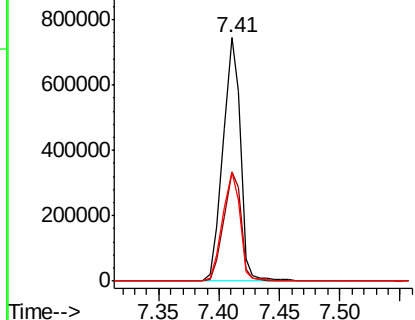
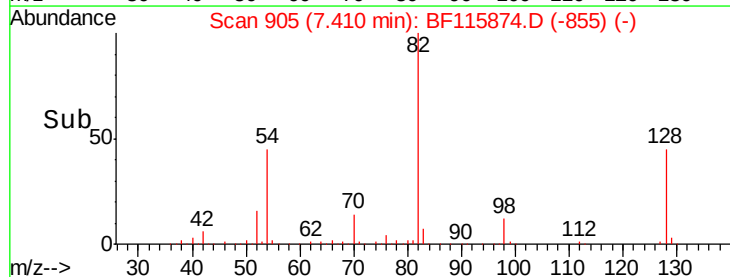


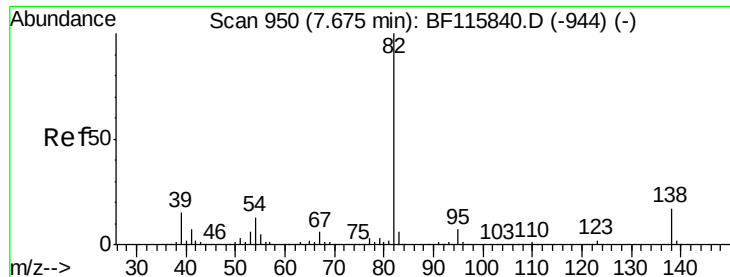
#23
Nitrobenzene-d5
Concen: 76.956 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115874.D
Acq: 31 Jul 2019 18:59

Tgt Ion:	82	Resp:	745011
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.6	55.0
54	44.9	36.6	55.0



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





#25

Isophorone

Concen: 40.029 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SP-9

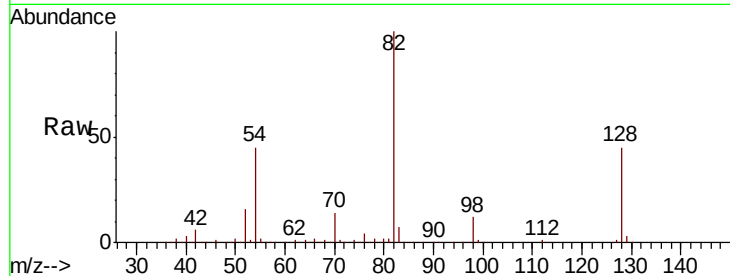
Tgt Ion: 82 Resp: 741009

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

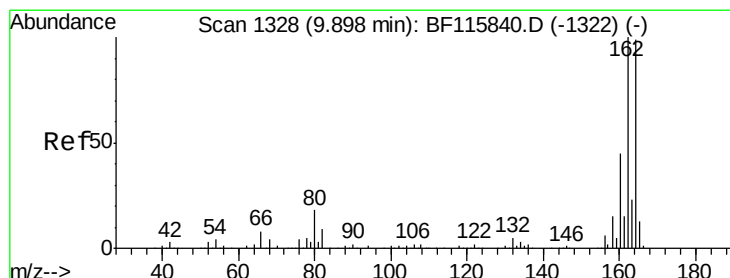
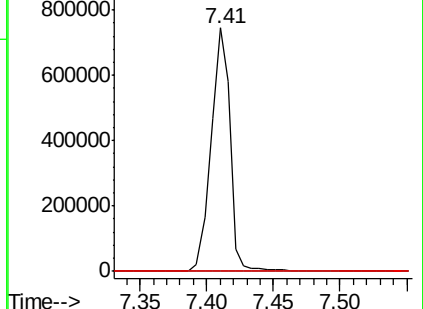
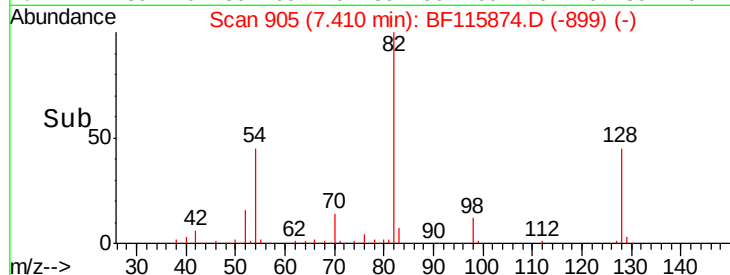
138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

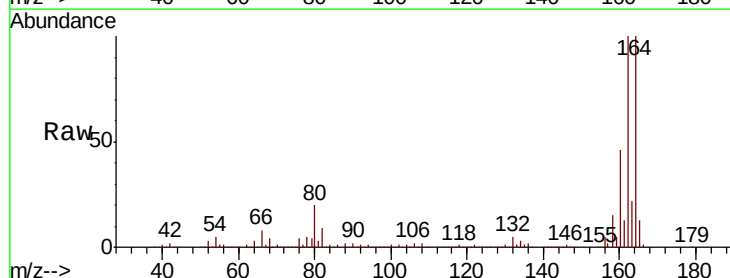
Tgt Ion: 164 Resp: 292761

Ion Ratio Lower Upper

164 100

162 99.8 80.8 121.2

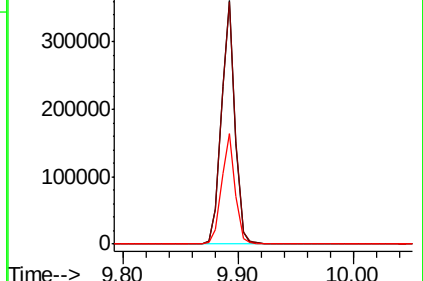
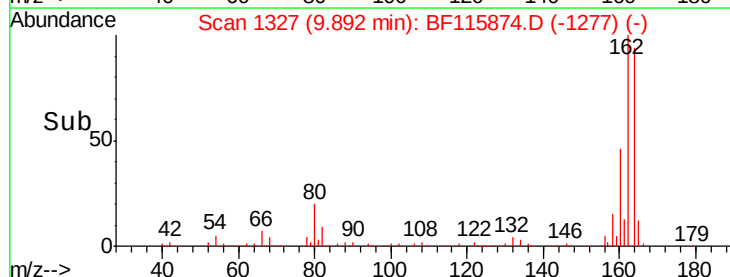
160 45.6 36.2 54.4

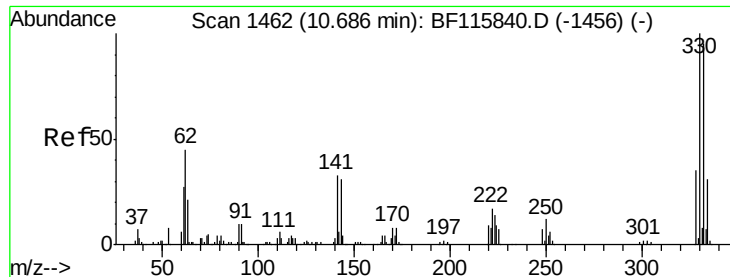


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

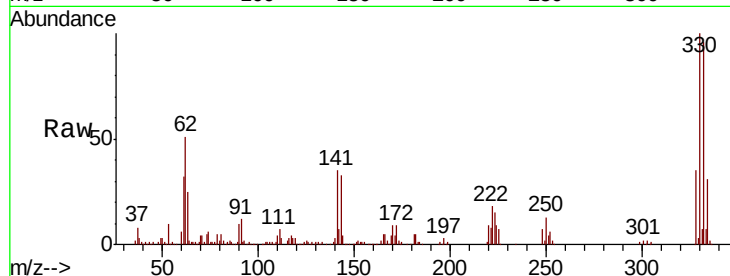




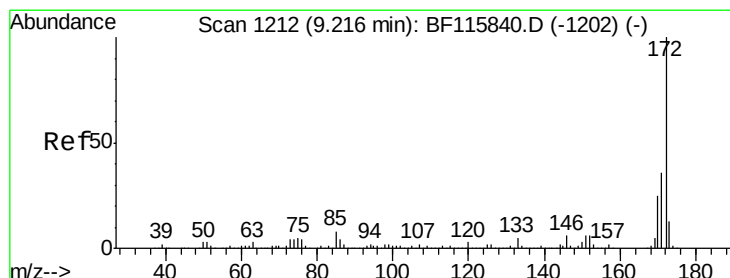
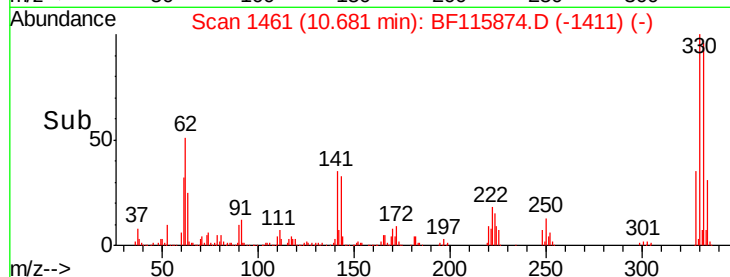
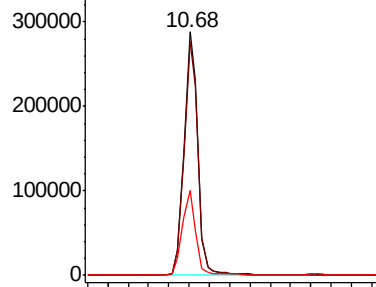
#42
 2,4,6-Tribromophenol
 Concen: 95.912 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115874.D
 Acq: 31 Jul 2019 18:59

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Tgt Ion:330 Resp: 272237
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.7 116.5
 141 34.7 28.1 42.1

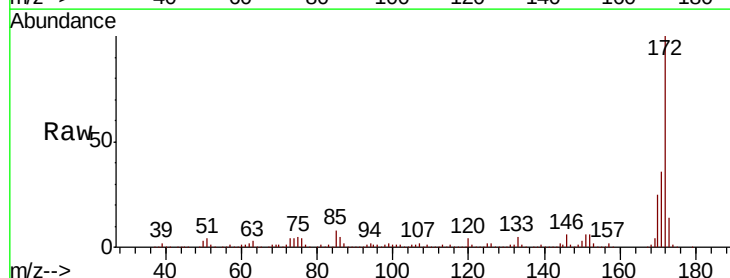


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

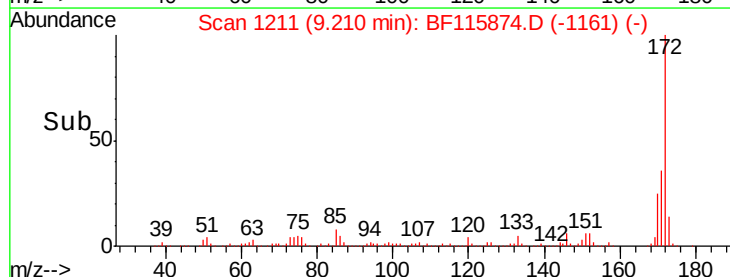
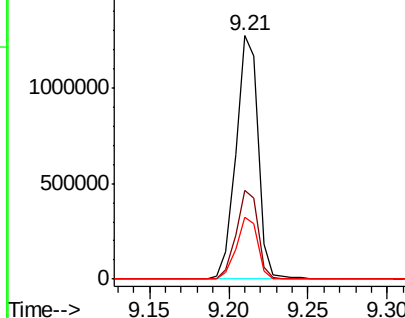


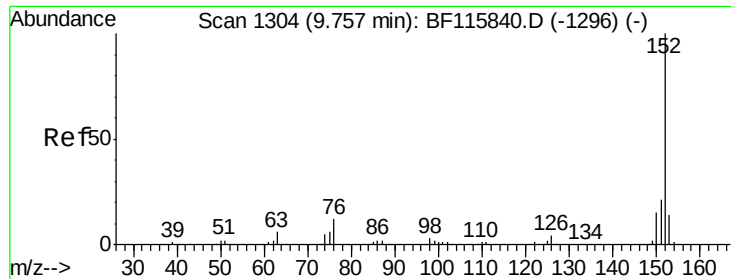
#45
 2-Fluorobiphenyl
 Concen: 79.066 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115874.D
 Acq: 31 Jul 2019 18:59

Tgt Ion:172 Resp: 1235805
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.1 43.7
 170 25.3 20.1 30.1



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





#49

Acenaphthylene

Concen: 2.137 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampleId :

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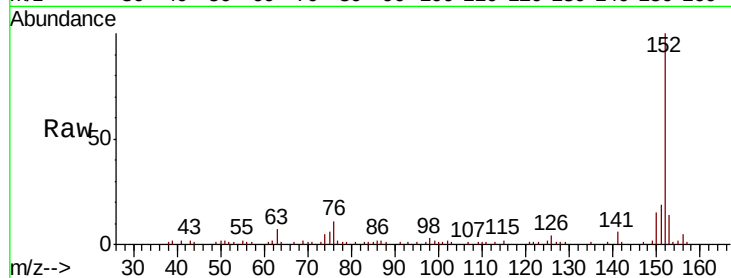
Tgt Ion:152 Resp: 53622

Ion Ratio Lower Upper

152 100

151 19.0 16.8 25.2

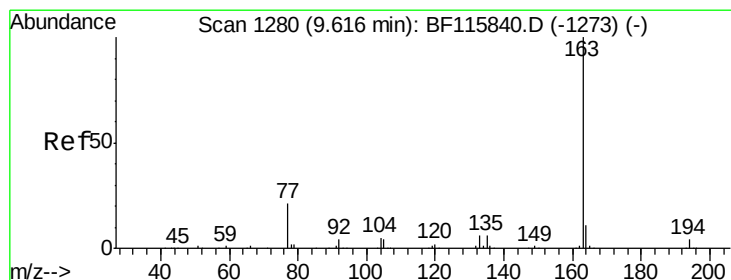
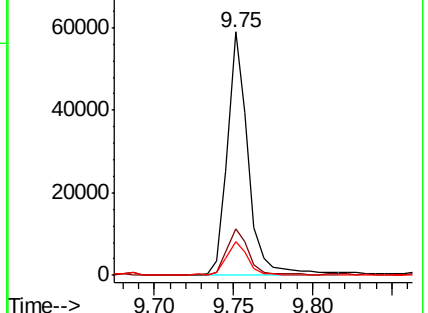
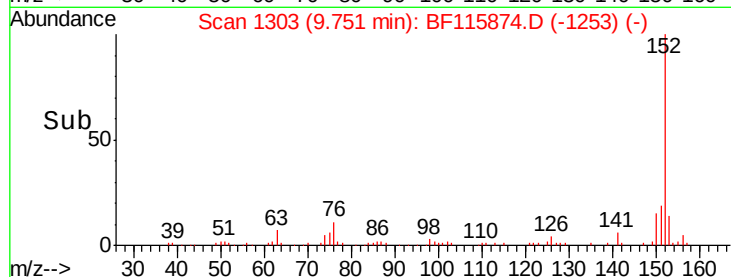
153 14.0 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 16.308 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

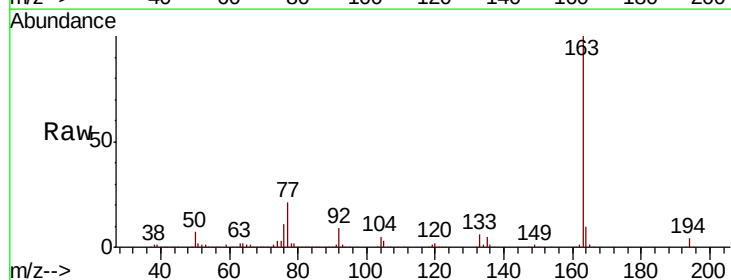
Tgt Ion:163 Resp: 325080

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

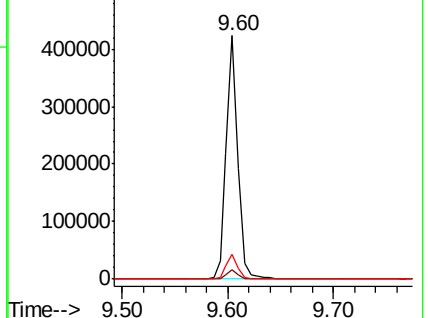
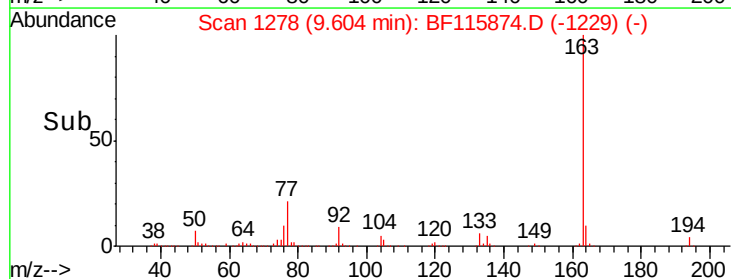
164 10.1 8.4 12.6

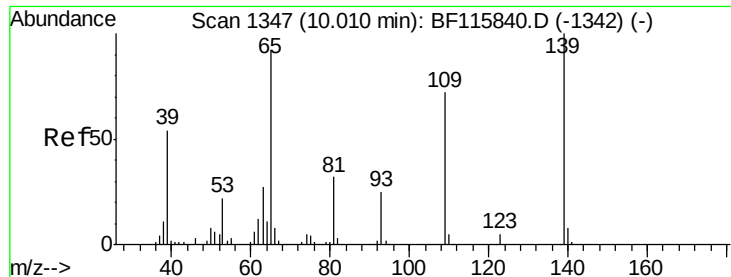


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

4-Nitrophenol

Concen: 2.369 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.09 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

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BNA_F

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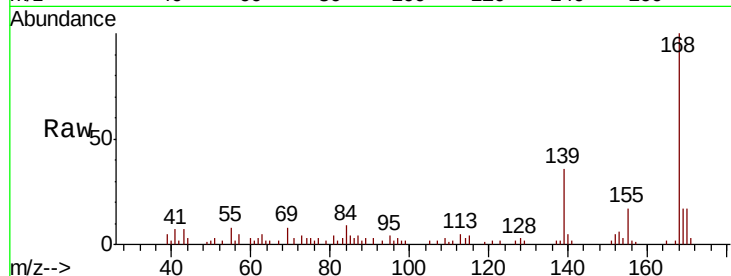
Tgt Ion:139 Resp: 8122

Ion Ratio Lower Upper

139 100

109 9.2 52.0 92.0#

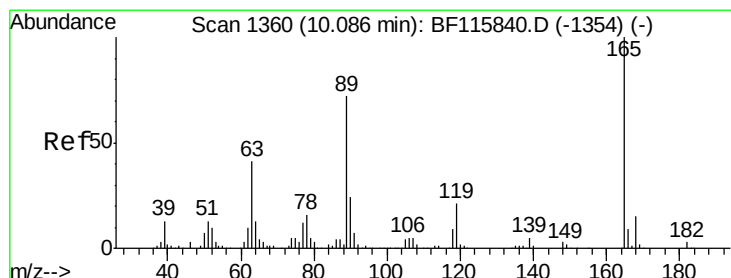
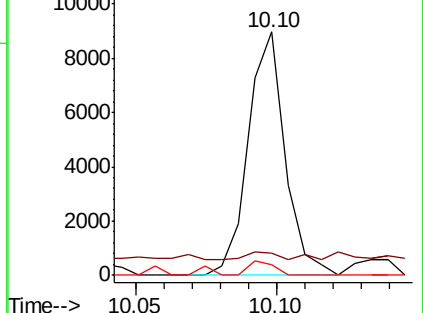
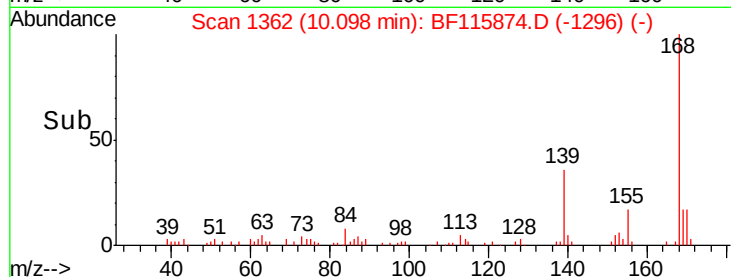
65 4.6 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.777 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Tgt Ion:165 Resp: 39090

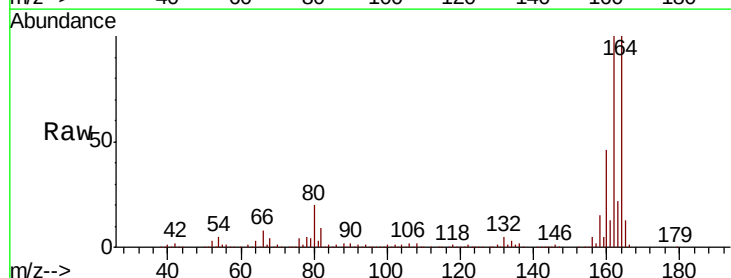
Ion Ratio Lower Upper

165 100

63 1.2 33.2 49.8#

89 1.2 57.3 85.9#

182 0.0 2.1 3.1#

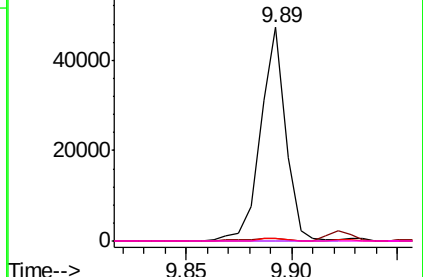
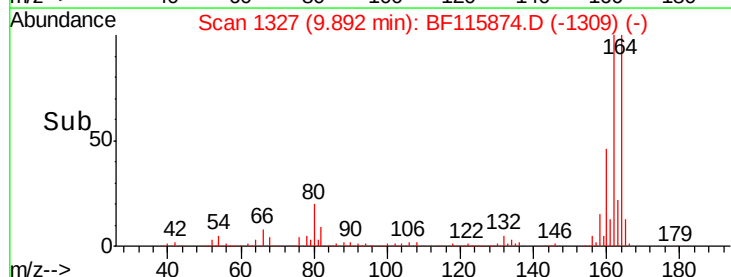


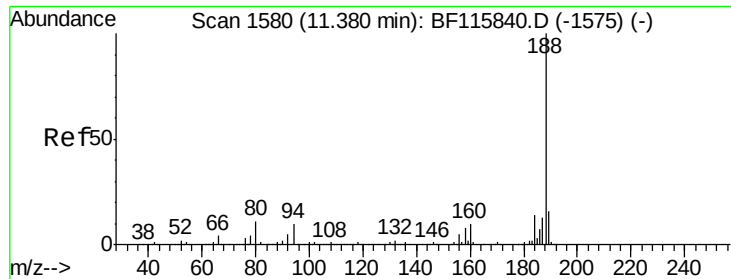
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

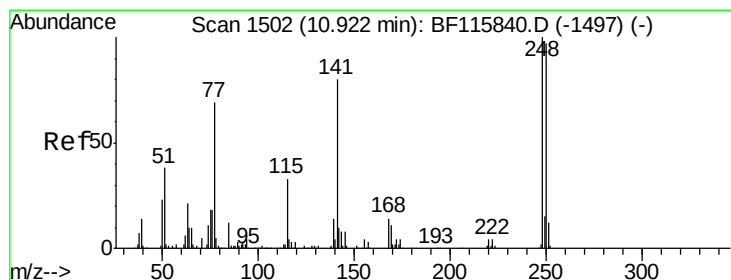
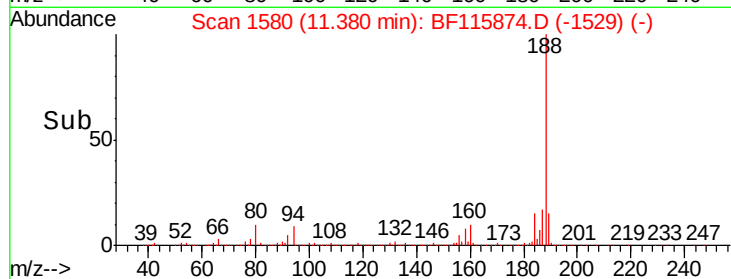
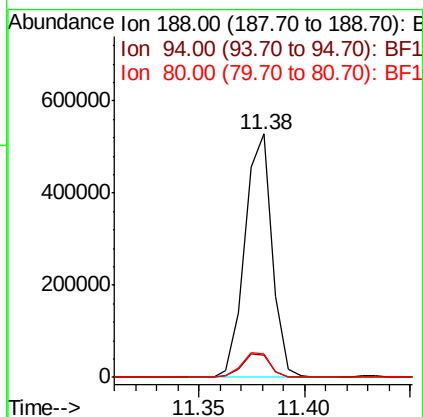
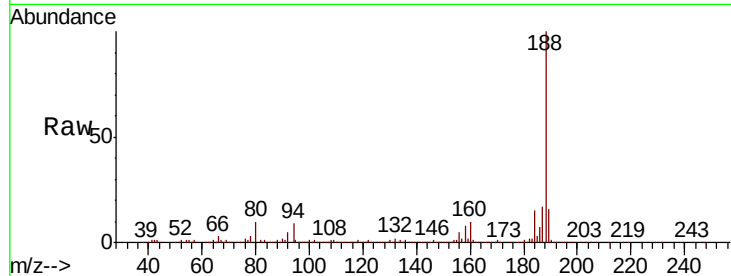




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115874.D
 Acq: 31 Jul 2019 18:59

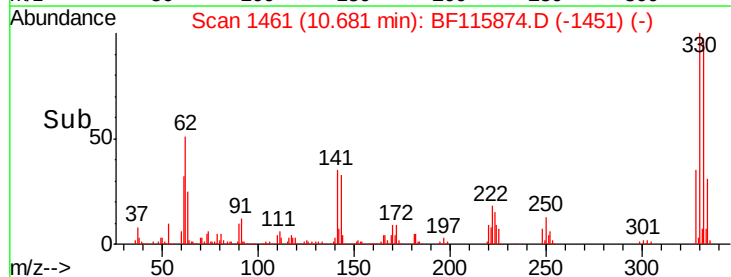
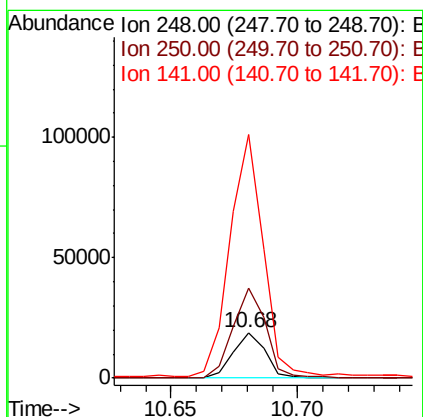
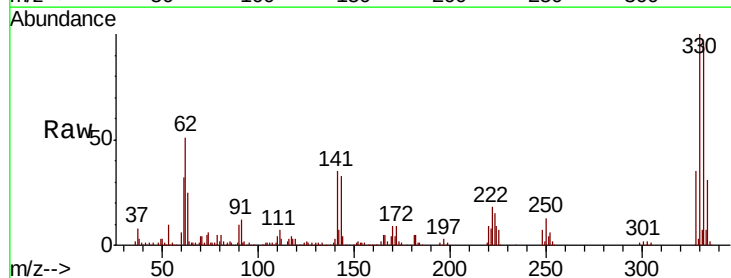
Instrument :
 BNA_F
 ClientSampleId :
 SP-9

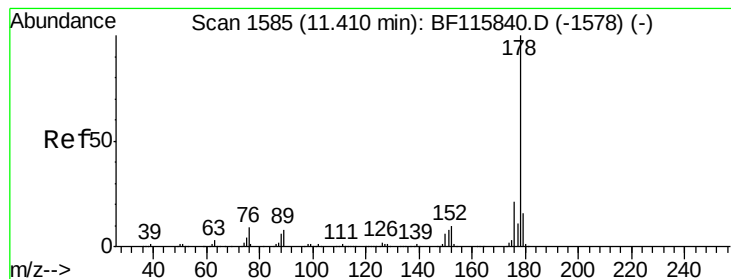
Tgt Ion:188 Resp: 472380
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.0 12.0
 80 9.7 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.294 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115874.D
 Acq: 31 Jul 2019 18:59

Tgt Ion:248 Resp: 16659
 Ion Ratio Lower Upper
 248 100
 250 196.3 77.8 116.6#
 141 533.4 64.3 96.5#





#71

Phenanthrene

Concen: 22.534 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SP-9

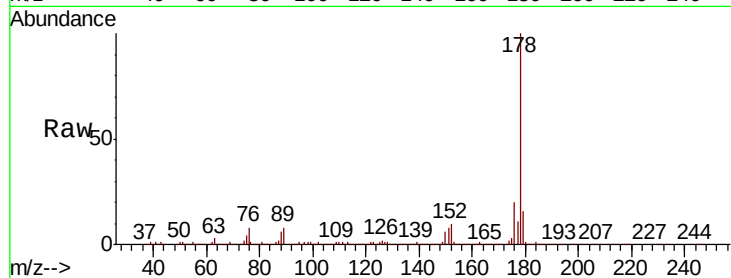
Tgt Ion:178 Resp: 544167

Ion Ratio Lower Upper

178 100

176 20.3 16.5 24.7

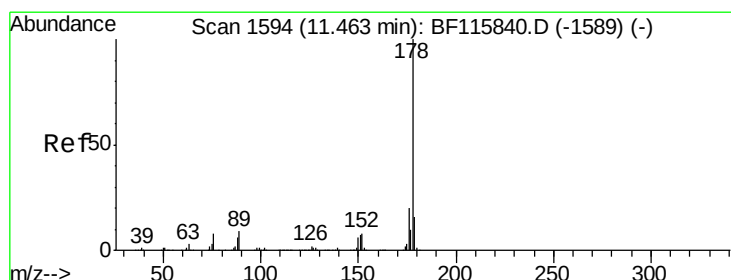
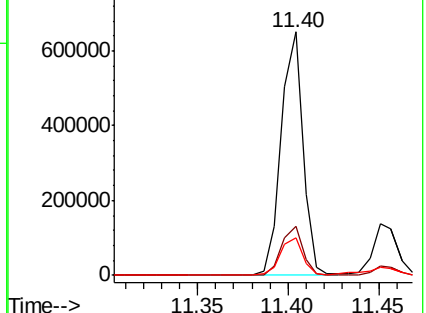
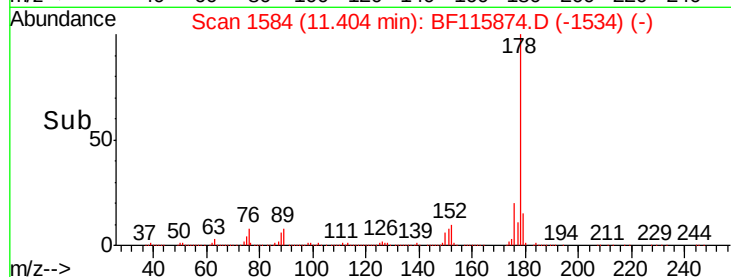
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 4.962 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

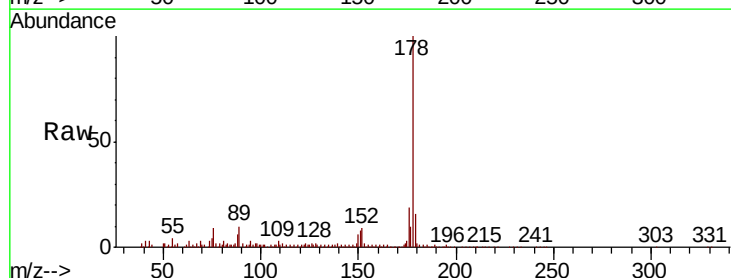
Tgt Ion:178 Resp: 121275

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

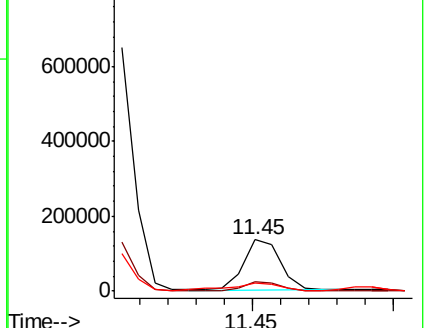
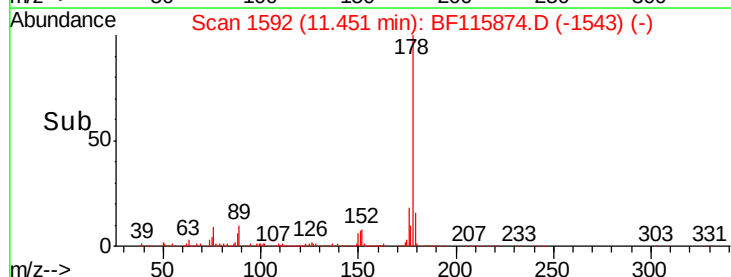
179 16.3 12.4 18.6

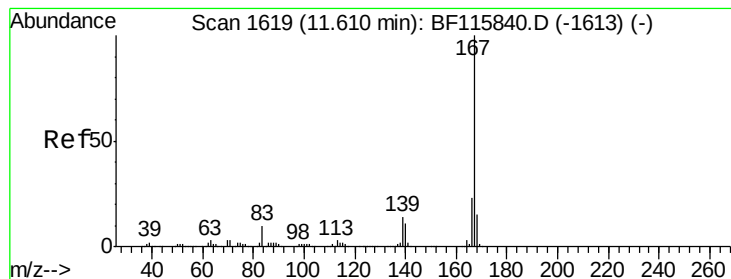


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 2.315 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SP-9

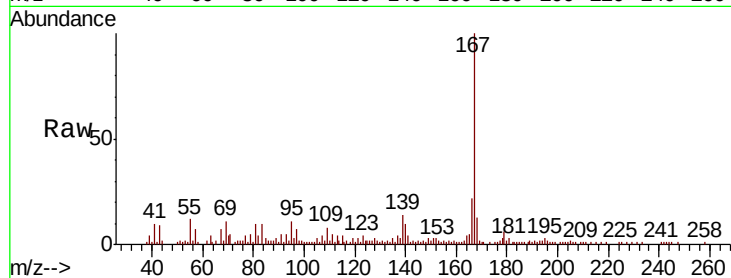
Tgt Ion:167 Resp: 51325

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

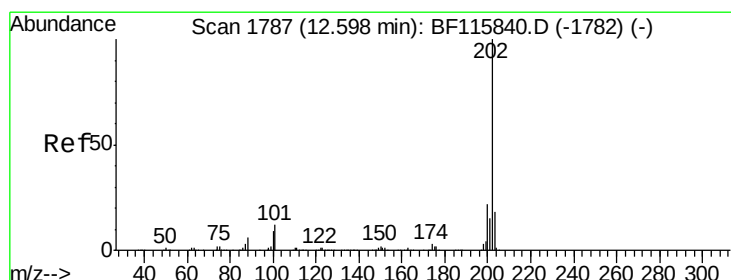
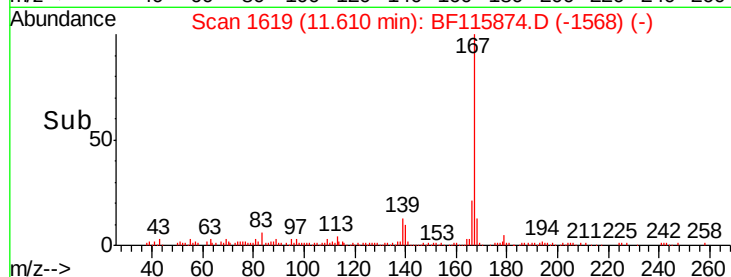
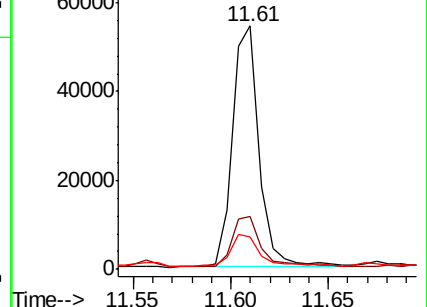
139 13.5 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 39.514 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

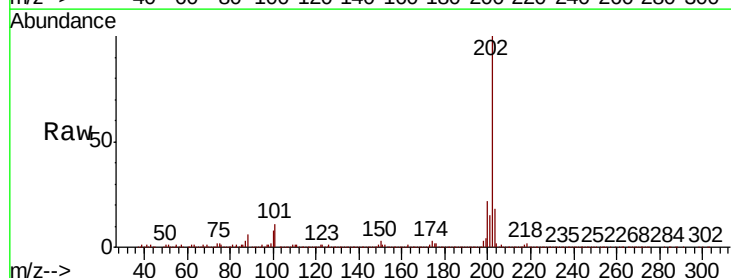
Tgt Ion:202 Resp: 998970

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

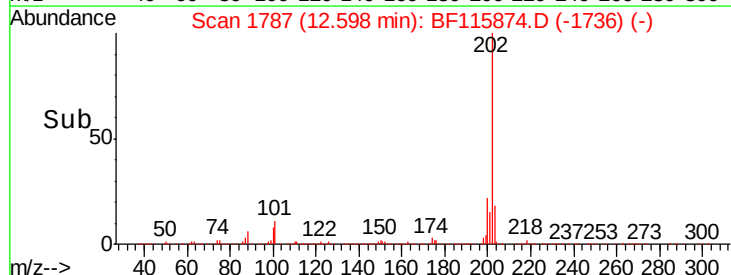
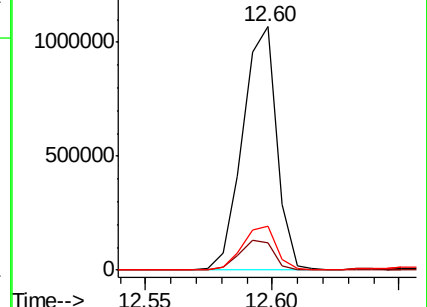
203 17.8 0.0 37.9

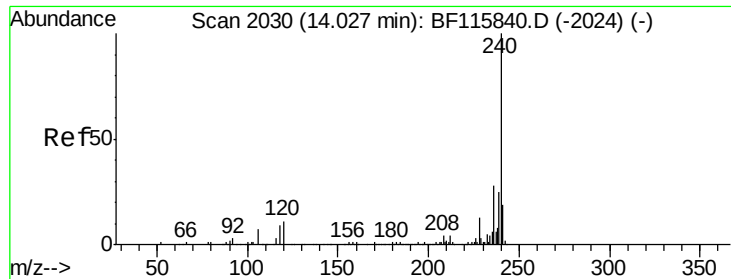


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

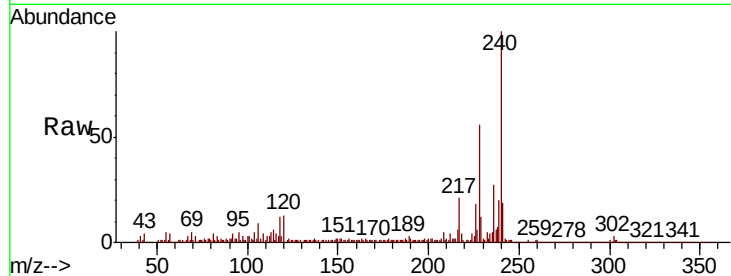




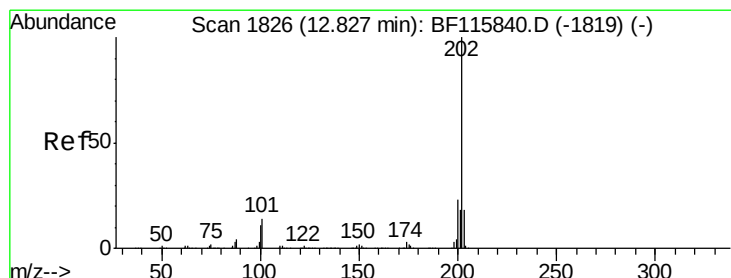
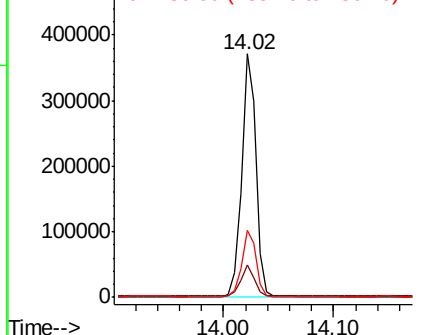
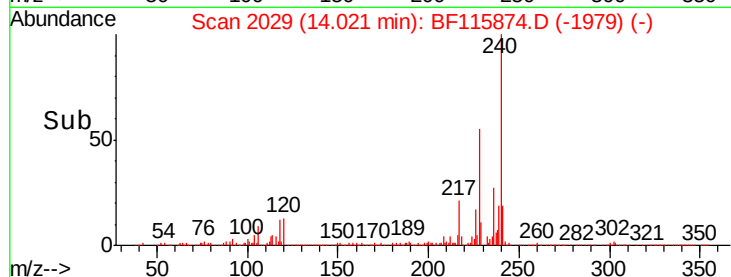
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115874.D
Acq: 31 Jul 2019 18:59

Instrument :
BNA_F
ClientSampled :
SP-9

Tgt Ion:240 Resp: 336202
Ion Ratio Lower Upper
240 100
120 13.1 8.5 12.7#
236 27.4 22.2 33.2

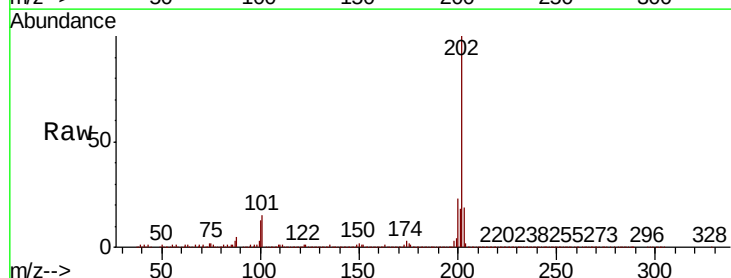


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

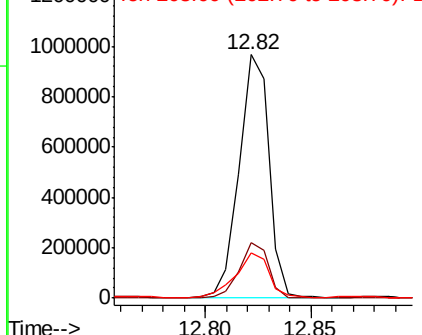
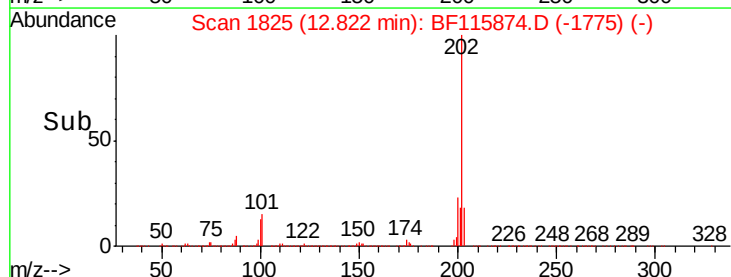


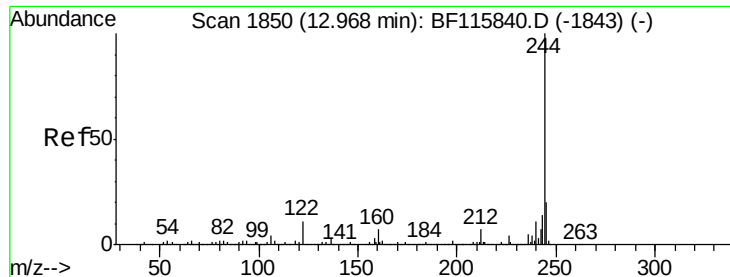
#78
Pyrene
Concen: 37.304 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115874.D
Acq: 31 Jul 2019 18:59

Tgt Ion:202 Resp: 945413
Ion Ratio Lower Upper
202 100
200 22.6 18.2 27.2
203 18.7 14.3 21.5



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: 71.502 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SP-9

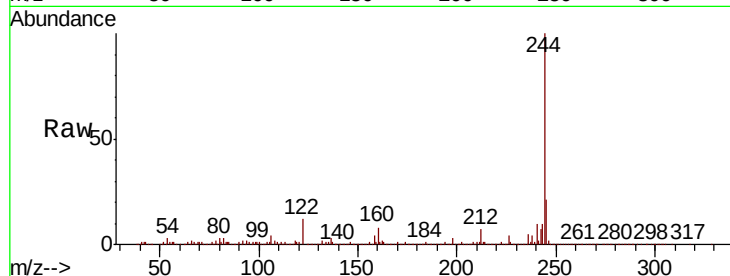
Tgt Ion:244 Resp: 1140820

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

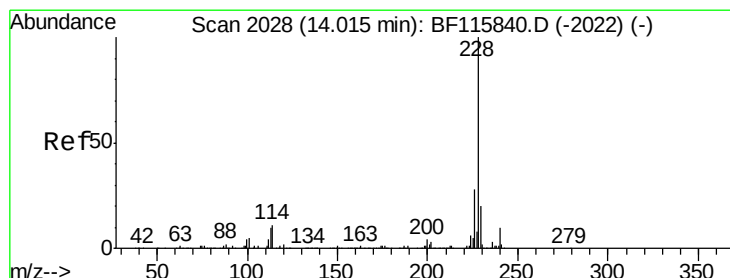
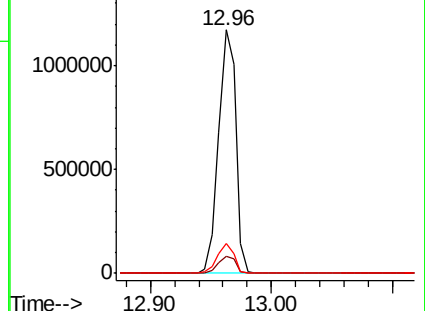
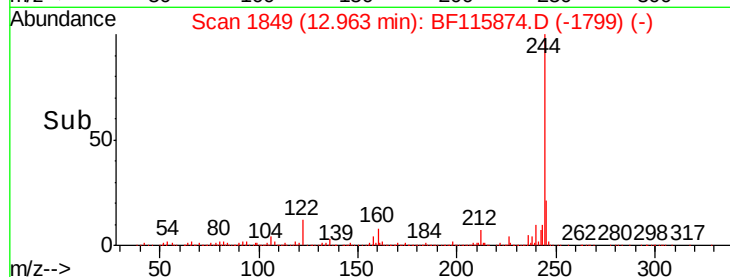
122 12.4 8.6 13.0



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: 26.948 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

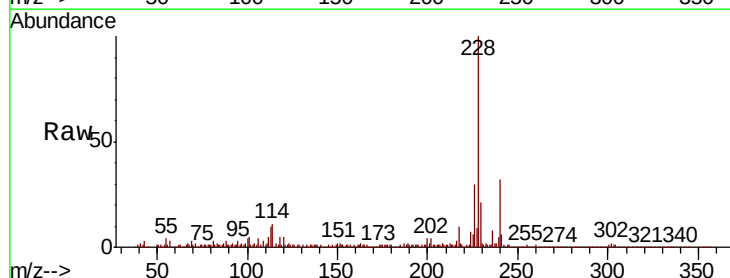
Tgt Ion:228 Resp: 579085

Ion Ratio Lower Upper

228 100

226 29.9 22.5 33.7

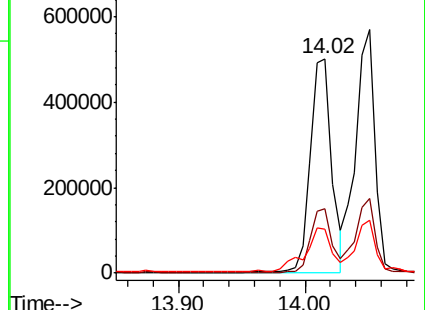
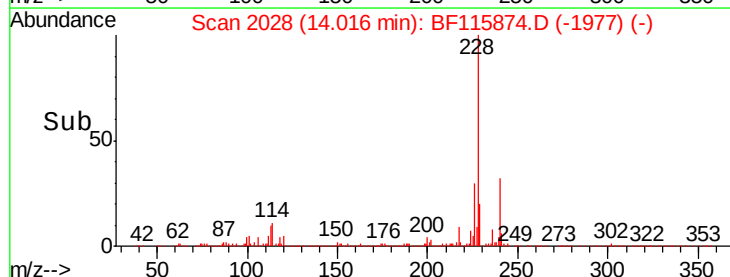
229 20.5 16.1 24.1

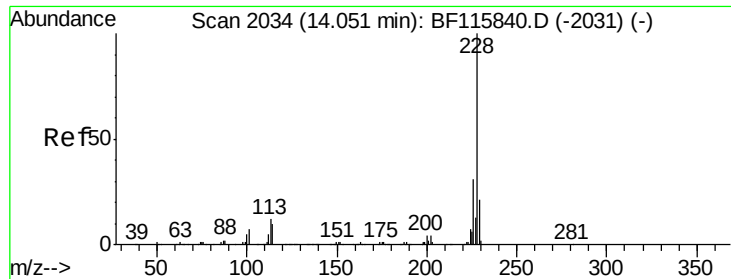


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 28.629 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SP-9

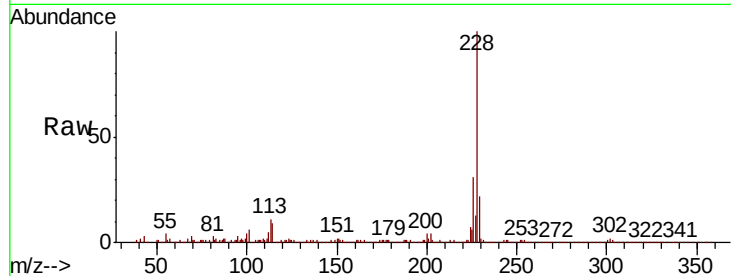
Tgt Ion:228 Resp: 597270

Ion Ratio Lower Upper

228 100

226 30.7 24.8 37.2

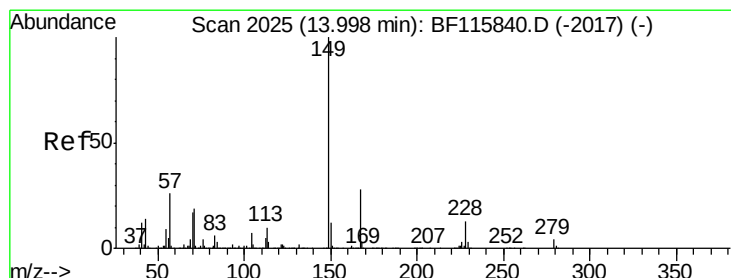
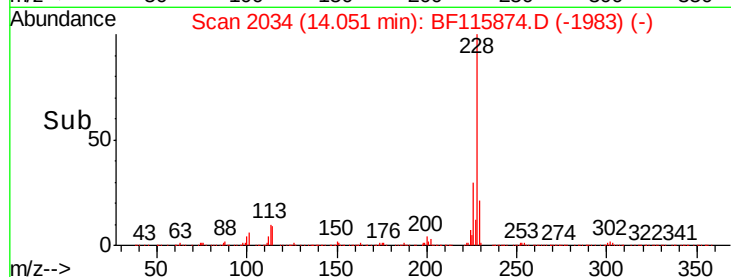
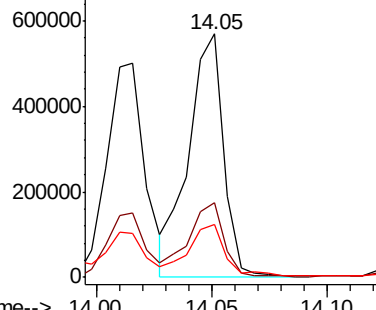
229 22.0 16.4 24.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.072 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

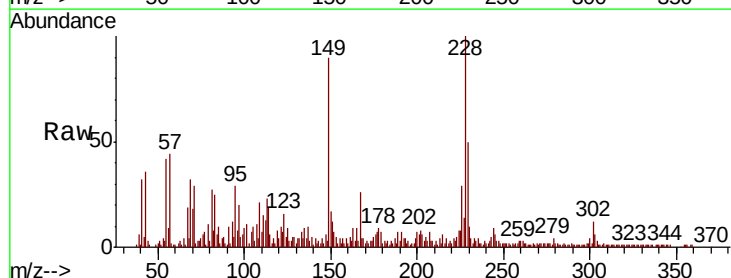
Tgt Ion:149 Resp: 42801

Ion Ratio Lower Upper

149 100

167 28.7 22.4 33.6

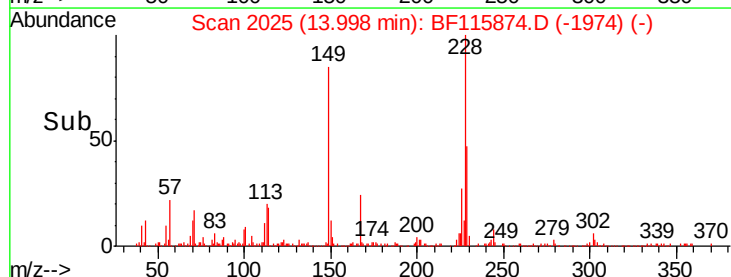
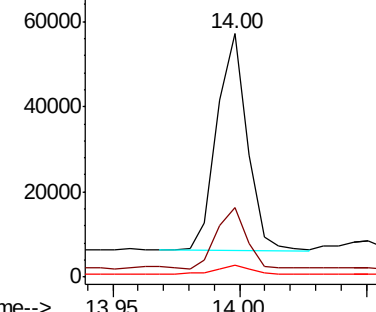
279 4.9 3.3 4.9#

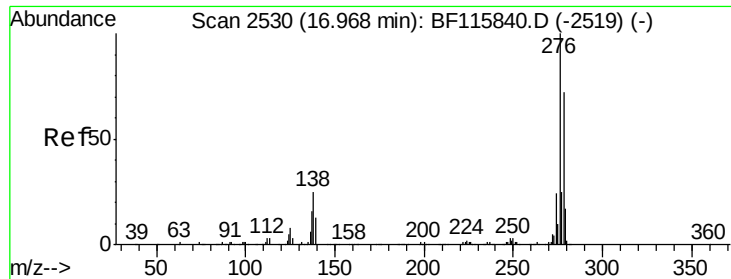


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

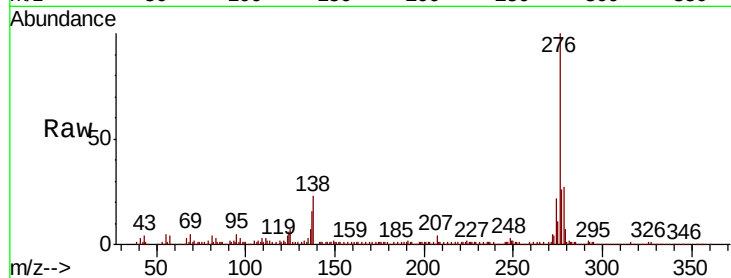




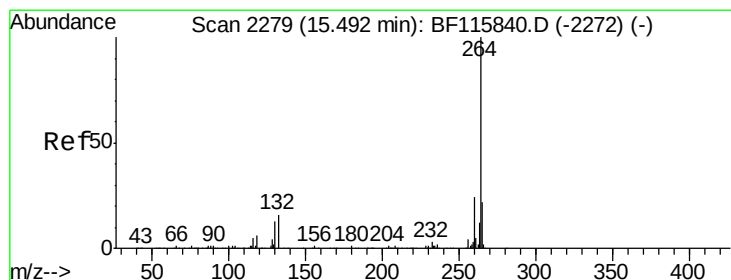
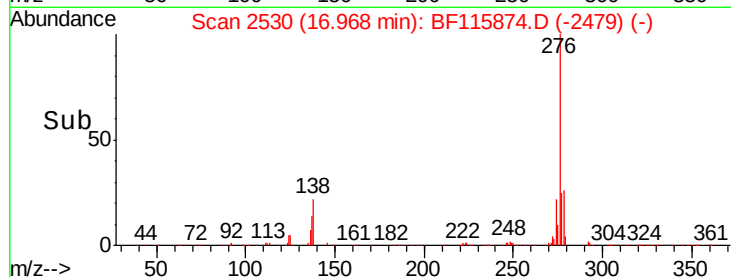
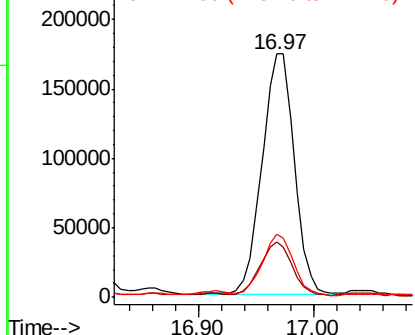
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 19.488 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BF115874.D
 Acq: 31 Jul 2019 18:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.6	29.4
277	24.0	20.1	30.1

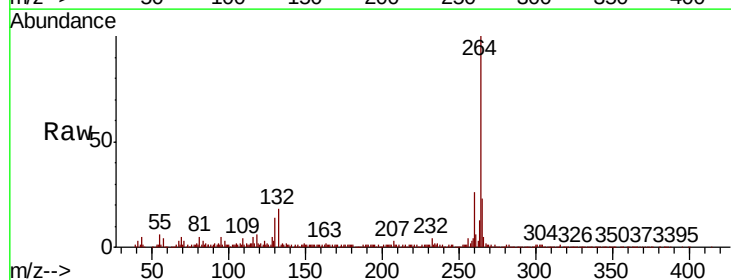


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

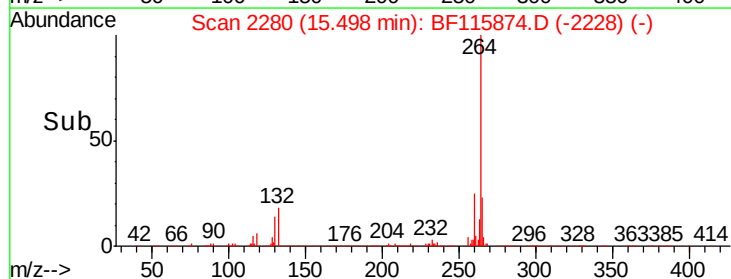
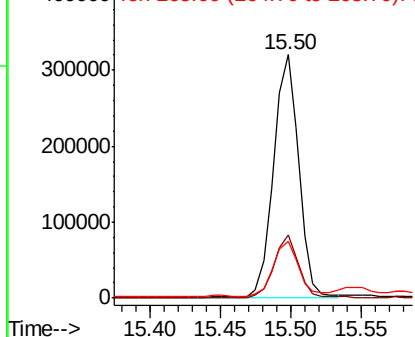


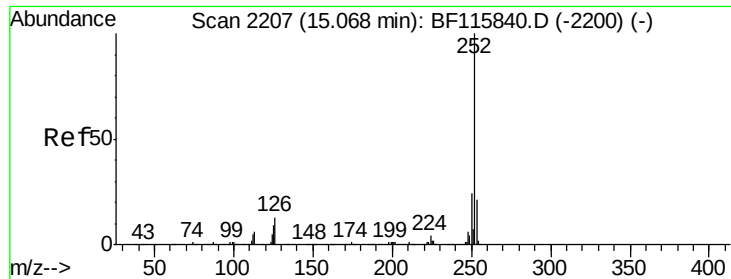
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF115874.D
 Acq: 31 Jul 2019 18:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.4	29.2
265	23.2	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

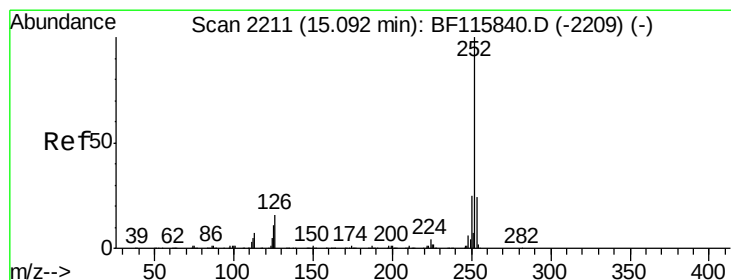
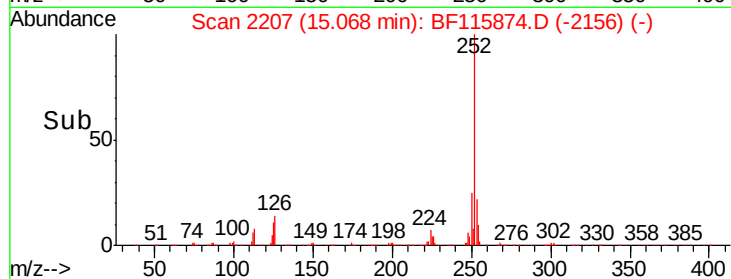
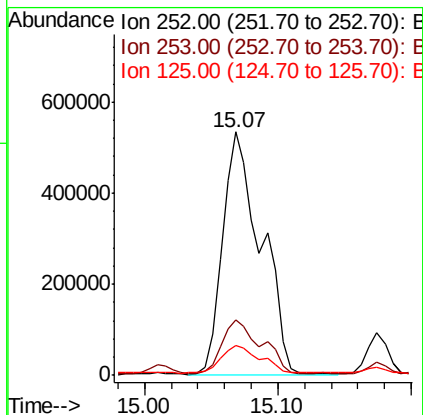
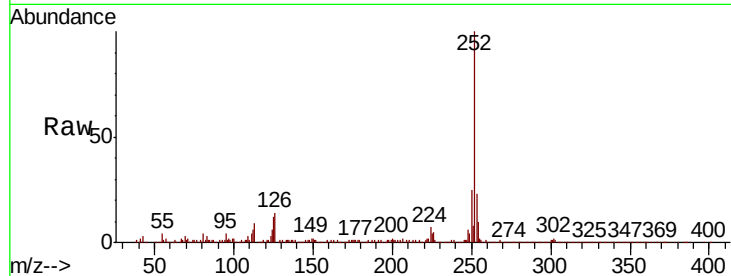




#88
Benzo(b)fluoranthene
Concen: 46.336 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115874.D
Acq: 31 Jul 2019 18:59

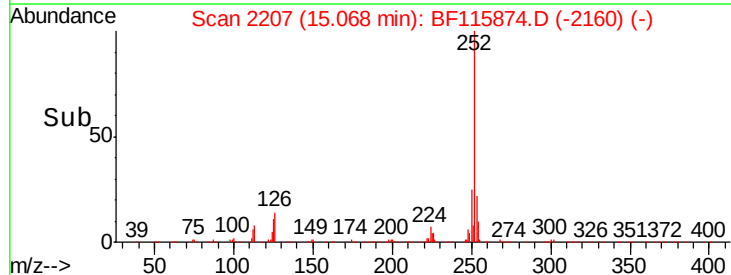
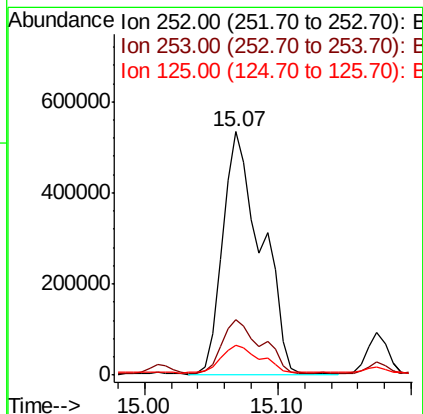
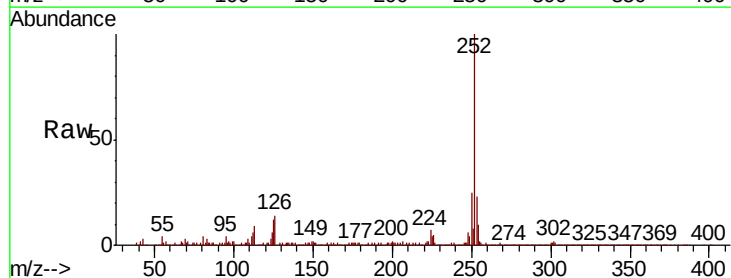
Instrument :
BNA_F
ClientSampleId :
SP-9

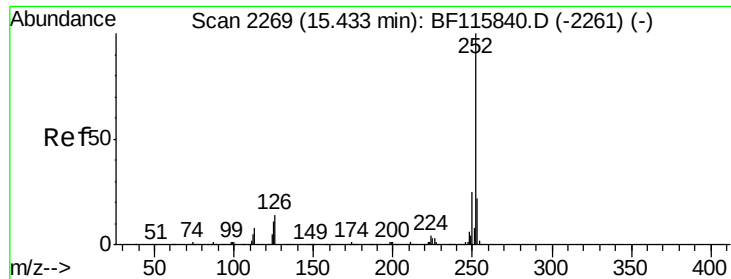
Tgt Ion:252 Resp: 1067027
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 12.1 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 47.573 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF115874.D
Acq: 31 Jul 2019 18:59

Tgt Ion:252 Resp: 1067027
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.1 8.9 13.3





#90

Benzo(a)pyrene

Concen: 24.872 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampled :

SP-9

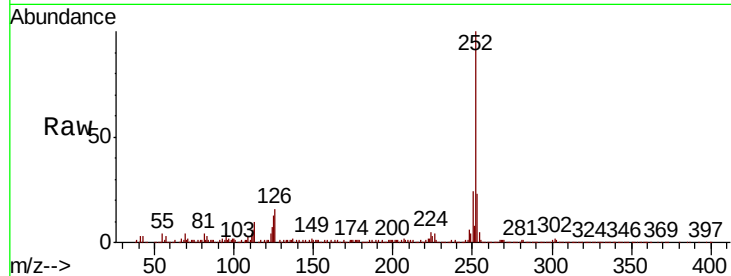
Tgt Ion:252 Resp: 511992

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

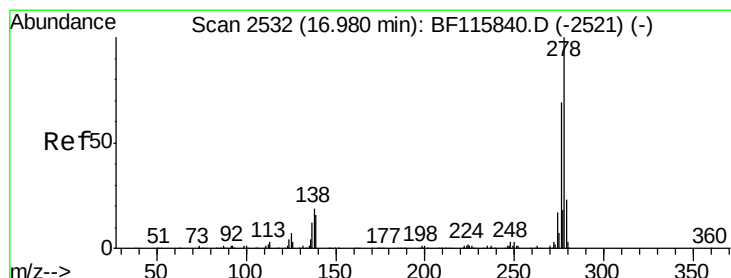
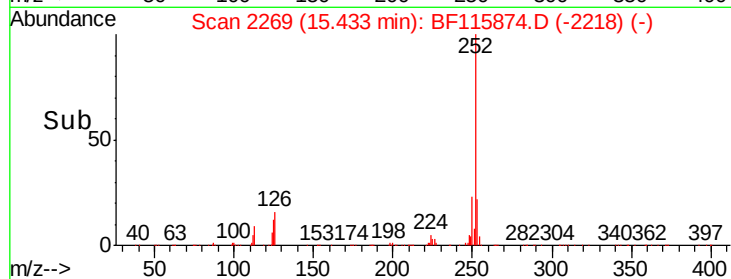
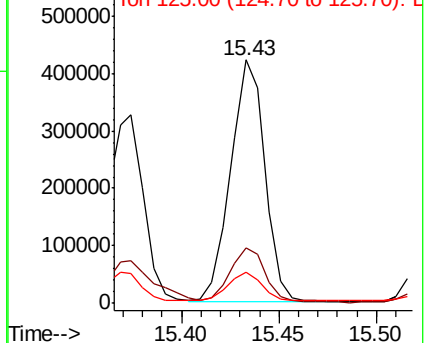
125 13.0 8.8 13.2



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



#91

Dibenzo(a,h)anthracene

Concen: 3.878 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.16 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

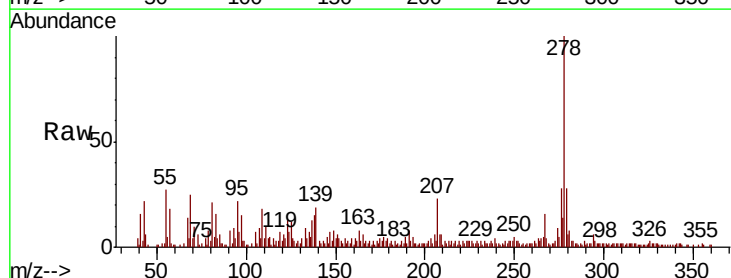
Tgt Ion:278 Resp: 69104

Ion Ratio Lower Upper

278 100

139 18.5 12.6 19.0

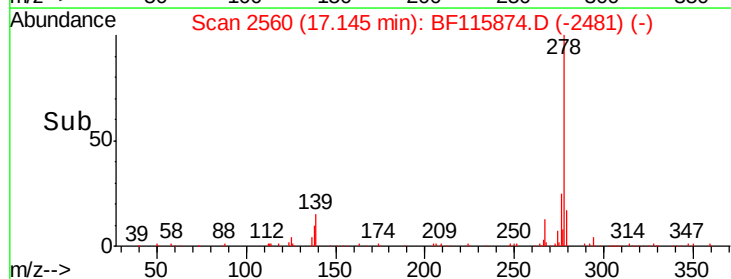
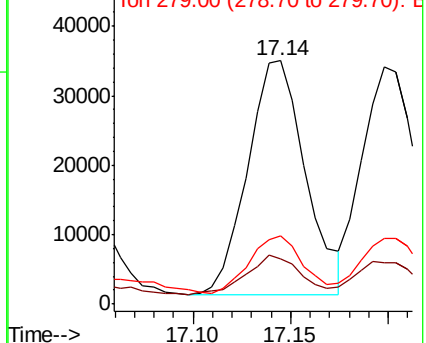
279 28.2 18.8 28.2

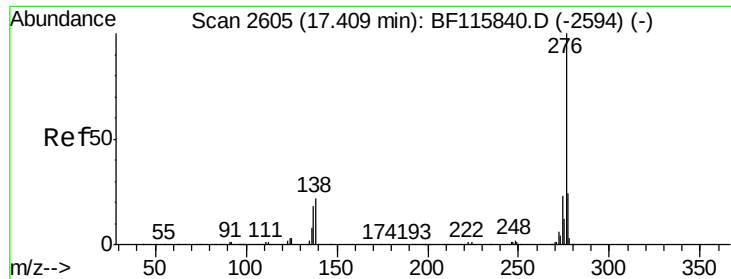


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 17.864 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BF115874.D

Acq: 31 Jul 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SP-9

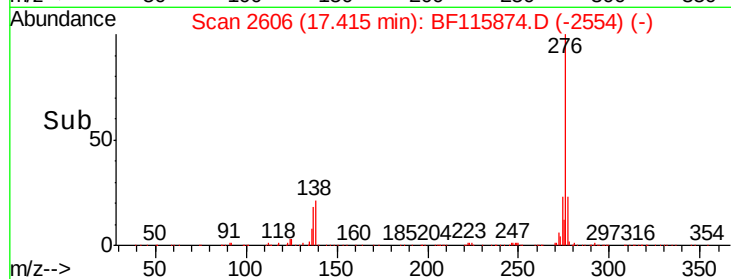
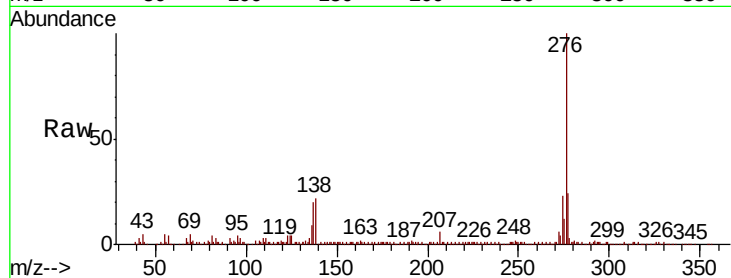
Tgt Ion: 276 Resp: 312611

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 21.9 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

150000

100000

50000

0

17.30 17.40 17.50

Time-->