

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080819.D
 Acq On : 4 Aug 2015 00:37
 Operator : TP
 Sample : G3083-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8536

Quant Time: Aug 04 03:51:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	151538	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	571462	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	250356	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	395934	20.00	ng	0.00
75) Chrysene-d12	13.99	240	282335	20.00	ng	0.00
86) Perylene-d12	15.39	264	232804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	705	0.08	ng	-0.01
7) Phenol-d6	6.45	99	4314	0.35	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1040895	89.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	224	0.09	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1670983	100.89	ng	0.00
78) Terphenyl-d14	12.93	244	1350107	95.30	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.38	77	236	Below Cal	#	1
12) 1,3-Dichlorobenzene	6.77	146	300898	26.65	ng	96
13) 1,4-Dichlorobenzene	6.77	146	300898	26.75	ng	98
14) 1,2-Dichlorobenzene	6.77	146	300898	28.92	ng	94
15) Benzyl Alcohol	6.99	79	17128	2.06	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	7.12	45	666309	32.91	ng	98
18) Hexachloroethane	7.34	117	257081	61.99	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	341051	43.12	ng	99
24) Nitrobenzene	7.42	77	1495838	126.58	ng	90
25) Isophorone	7.65	82	969530	46.82	ng	97
26) 2-Nitrophenol	7.65	139	14511	2.87	ng	# 54
28) bis(2-Chloroethoxy)methane	7.87	93	1663575	132.94	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	1000035	113.73	ng	96
31) Naphthalene	8.14	128	2134082	76.01	ng	98
33) 4-Chloroaniline	8.14	127	299900	25.39	ng	# 33
34) Hexachlorobutadiene	8.26	225	263353	48.82	ng	99
40) Hexachlorocyclopentadiene	8.98	237	415225	85.37	ng	95
48) Acenaphthylene	9.73	152	2895164	118.05	ng	97
49) Dimethylphthalate	9.60	163	1864306	111.46	ng	99
50) 2,6-Dinitrotoluene	9.66	165	300426	83.40	ng	# 78
51) Acenaphthene	9.90	154	1654554	111.98	ng	98
54) Dibenzofuran	10.08	168	1515326	77.48	ng	97
55) 4-Nitrophenol	10.08	139	647940	216.85	ng	# 1
56) 2,4-Dinitrotoluene	9.87	165	32582	7.15	ng	# 12
57) Fluorene	10.42	166	948035	62.47	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	1120789	150.58	ng	# 86
61) 4-Nitroaniline	10.42	138	16418	4.24	ng	# 46
62) Azobenzene	10.52	77	113283	6.12	ng	# 1
65) n-Nitrosodiphenylamine	10.52	169	939550	67.79	ng	99
70) Phenanthrene	11.44	178	3060465	148.62	ng	98
71) Anthracene	11.44	178	3060465	150.55	ng	98
73) Di-n-butylphthalate	11.92	149	1093039	51.86	ng	100
74) Fluoranthene	12.79	202	1220400	61.88	ng	99
77) Pyrene	12.79	202	1224860	58.53	ng	98

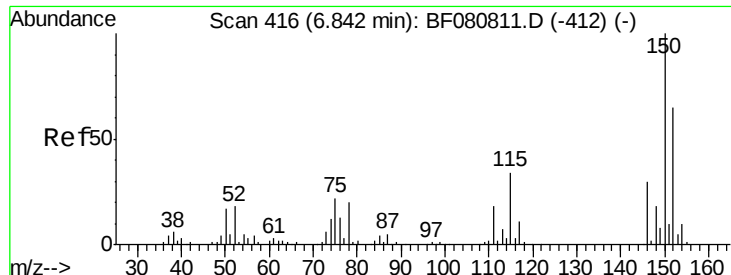
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080819.D
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 ALS Vial : 13 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	13.41	149	1075894	130.53	nq	# 83
80) Benzo(a)anthracene	13.97	228	1720033	106.71	nq	97
81) 3,3'-Dichlorobenzidine	13.94	252	224369	39.23	nq	# 98
82) Chrysene	14.02	228	2300249	146.82	nq	97
84) Di-n-octyl phthalate	14.59	149	2547286	158.32	nq	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	1943962	135.27	nq	# 76
87) Benzo(b)fluoranthene	15.03	252	2258773	165.75	nq	98
88) Benzo(k)fluoranthene	15.03	252	2259056	190.22	nq	97
89) Benzo(a)pyrene	15.35	252	1879012	161.68	nq	98
90) Dibenzo(a,h)anthracene	16.82	278	2439562	216.67	nq	97
91) Benzo(a,h,i)perylene	17.17	276	230786	19.66	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

ClientSampleId :

8536

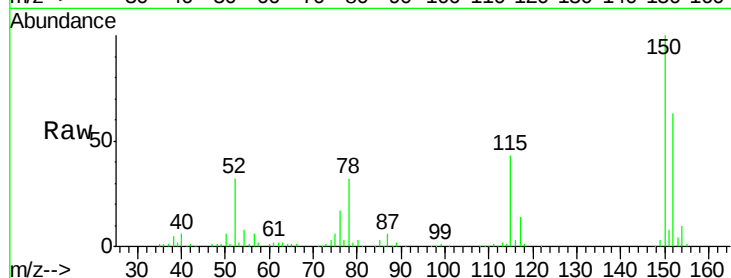
Tot Ion:152 Resp: 151538

Ion Ratio Lower Upper

152 100

150 158.6 122.9 184.3

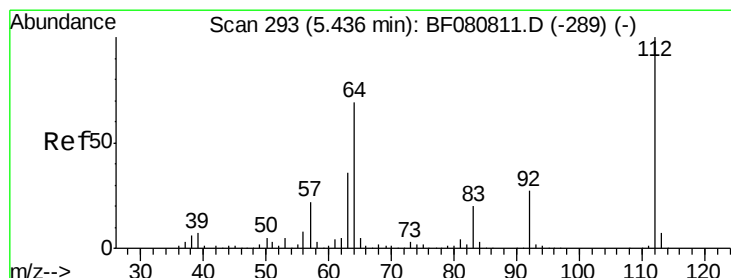
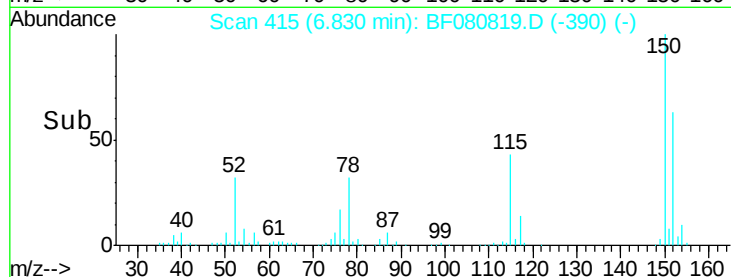
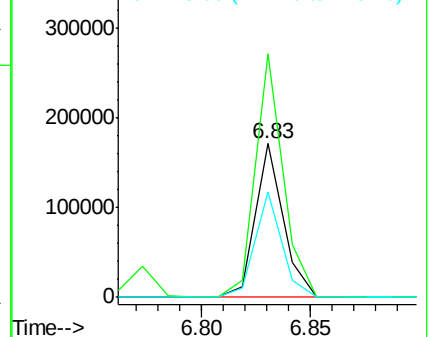
115 68.3 42.0 63.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 0.08 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

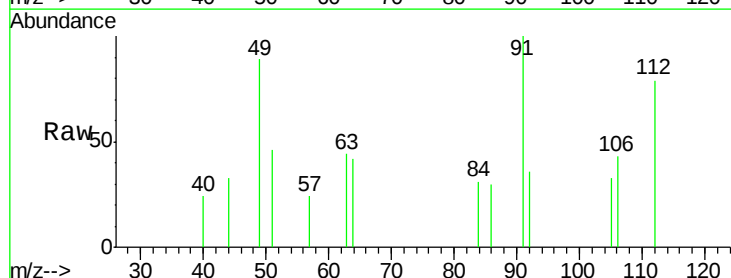
Tgt Ion:112 Resp: 705

Ion Ratio Lower Upper

112 100

64 53.2 55.0 82.4#

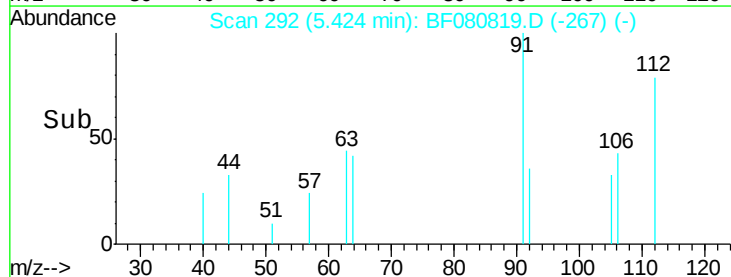
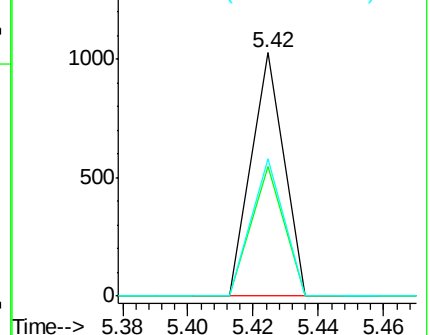
63 56.3 28.6 42.8#

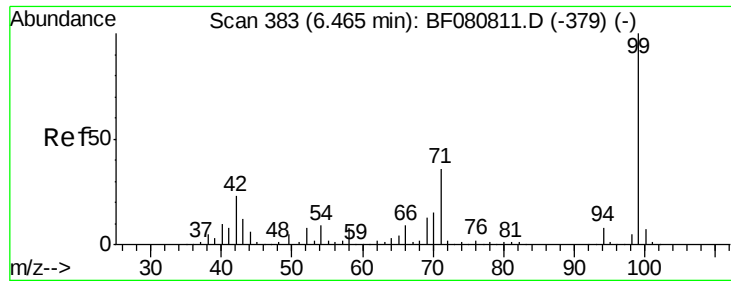


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.35 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

ClientSampleId :

8536

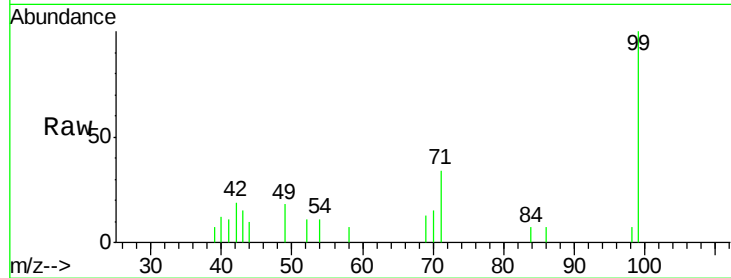
Tot Ion: 99 Resp: 4314

Ion Ratio Lower Upper

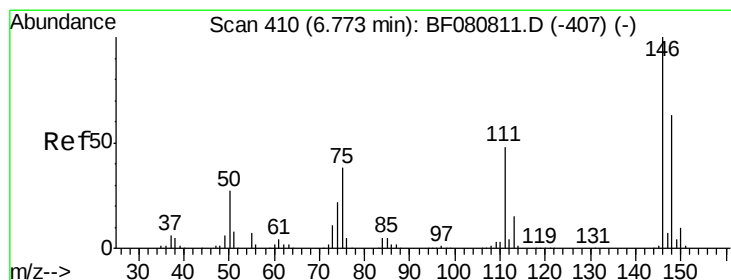
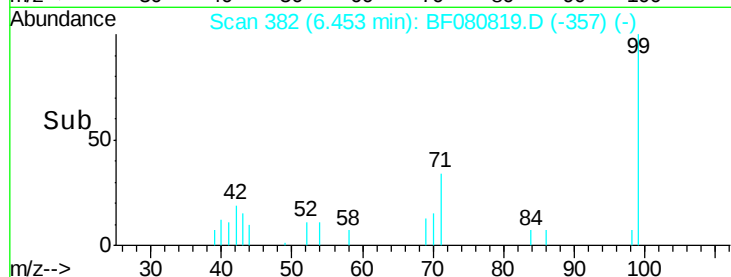
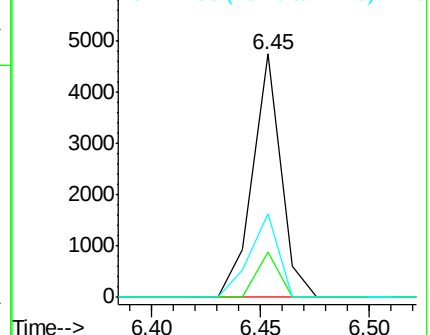
99 100

42 18.7 18.4 27.6

71 34.5 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#12

1,3-Dichlorobenzene

Concen: 26.65 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

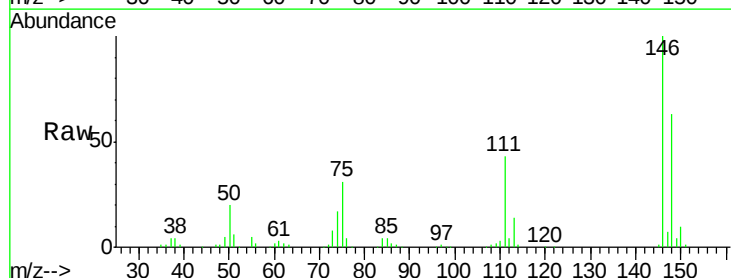
Tgt Ion: 146 Resp: 300898

Ion Ratio Lower Upper

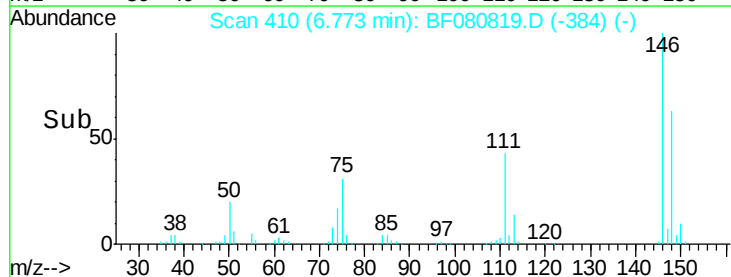
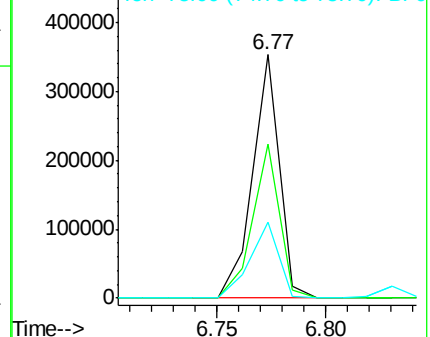
146 100

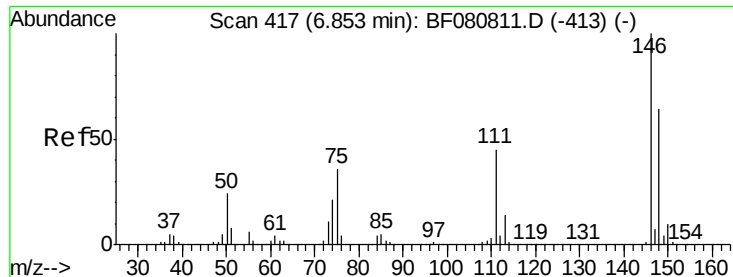
148 63.1 50.5 75.7

75 31.4 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

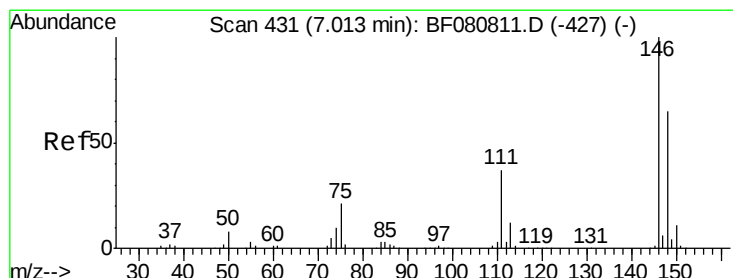
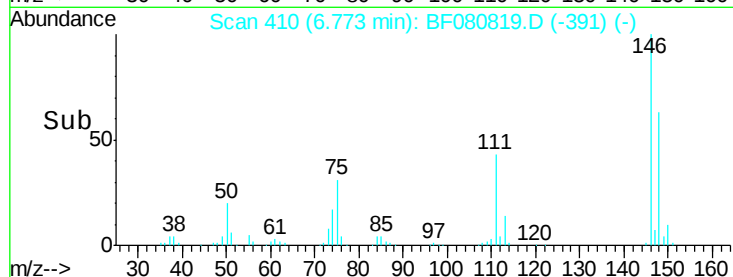
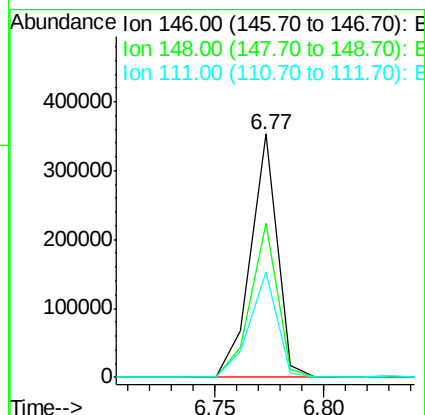
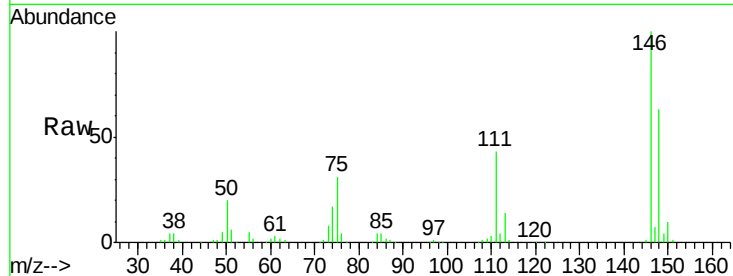




#13
 1,4-Dichlorobenzene
 Concen: 26.75 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.08 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

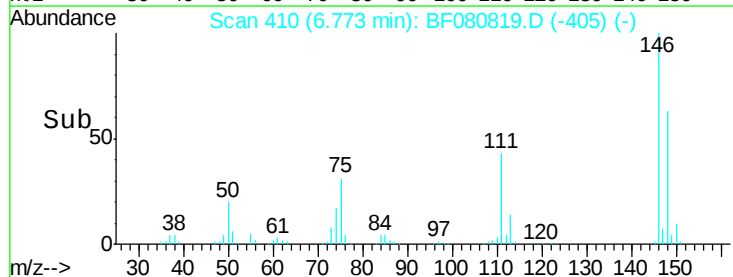
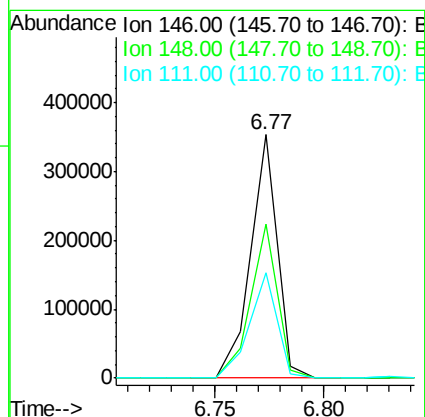
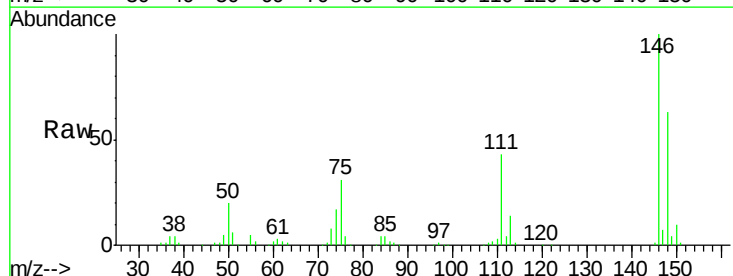
Instrument :
 BNA_F
 ClientSampled :
 8536

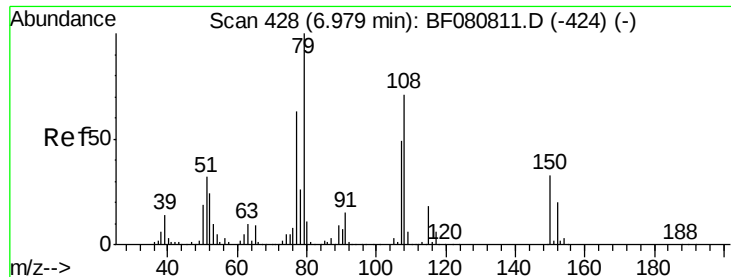
Tot Ion:146 Resp: 300898
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.3 76.9
 111 43.2 35.8 53.8



#14
 1,2-Dichlorobenzene
 Concen: 28.92 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.24 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion:146 Resp: 300898
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.0 78.0
 111 43.2 29.3 43.9





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

ClientSampleId :

8536

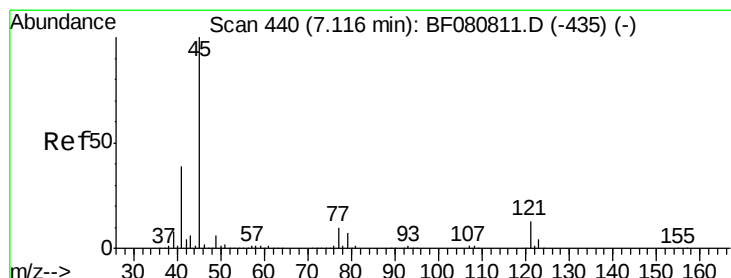
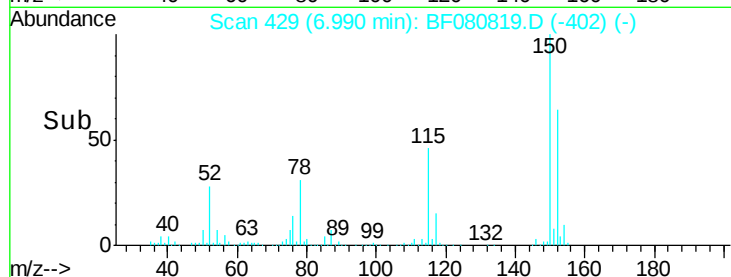
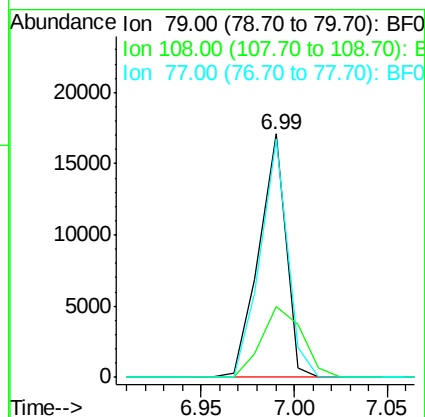
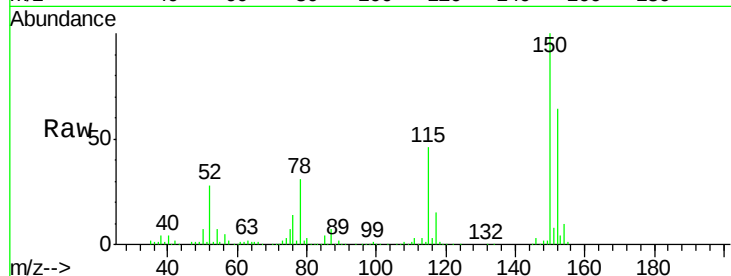
Tot Ion: 79 Resp: 17128

Ion Ratio Lower Upper

79 100

108 29.0 56.9 85.3#

77 97.9 50.4 75.6#



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.91 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

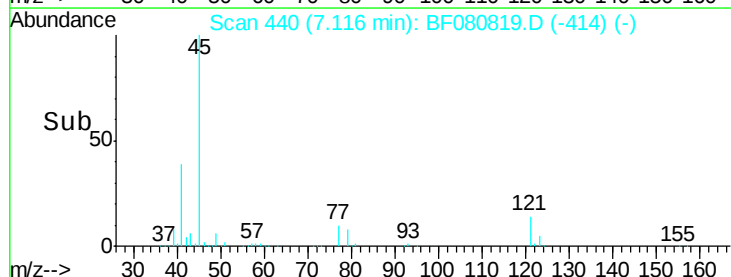
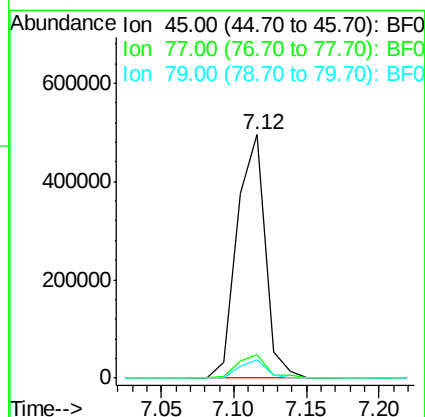
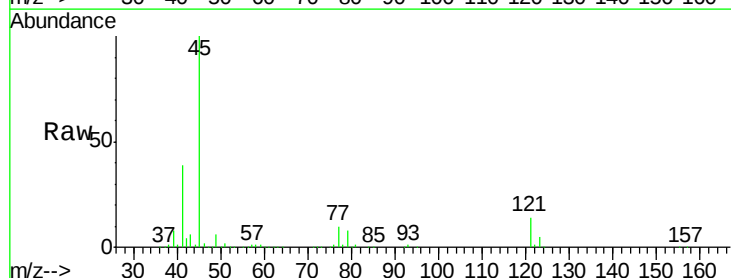
Tgt Ion: 45 Resp: 666309

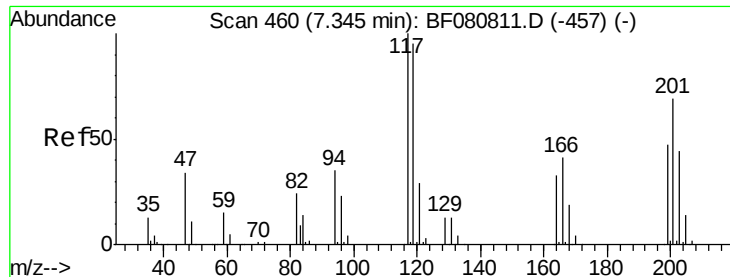
Ion Ratio Lower Upper

45 100

77 9.8 0.0 30.5

79 7.7 0.0 28.2

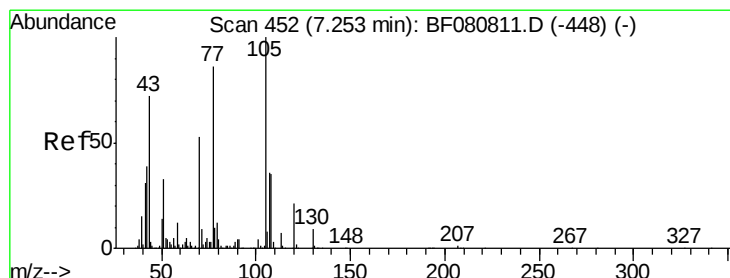
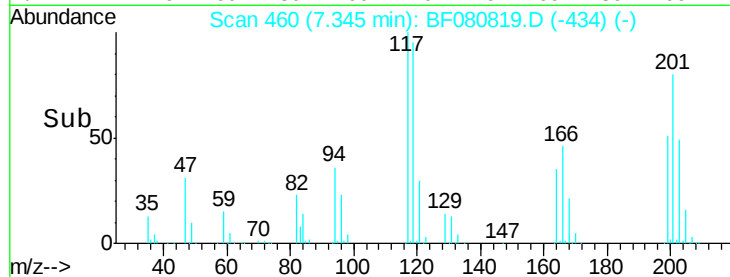
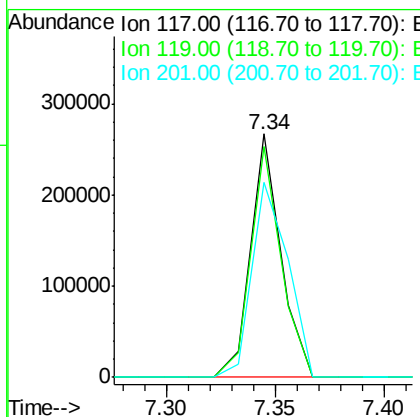
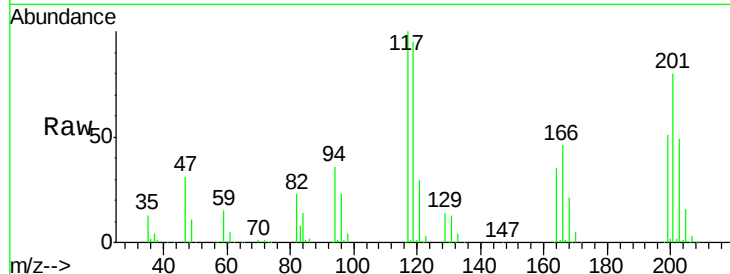




#18
Hexachloroethane
Concen: 61.99 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

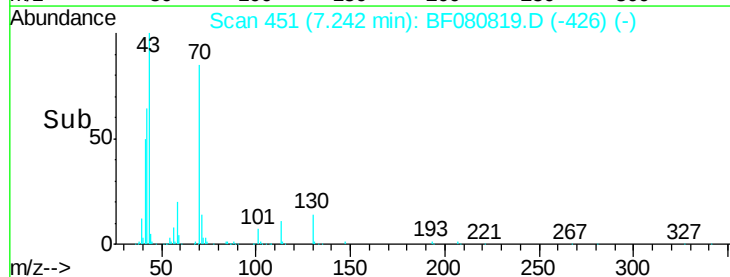
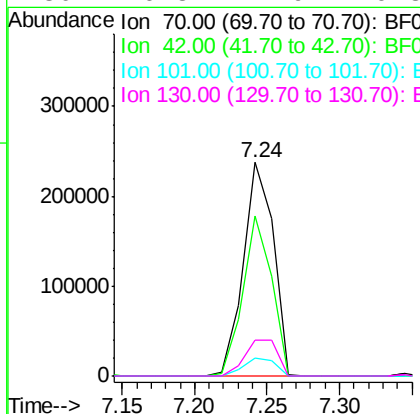
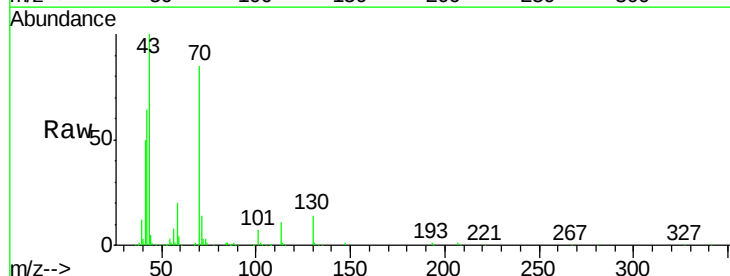
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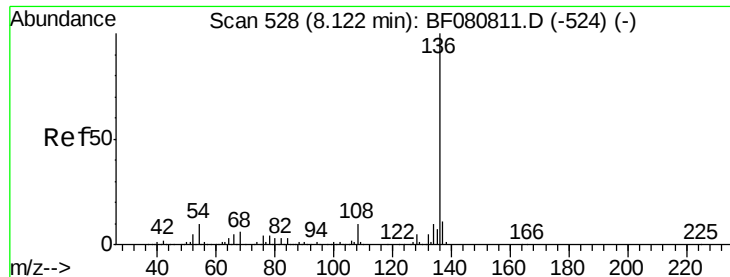
Tot Ion:117 Resp: 257081
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5
201 80.0 55.5 83.3



#19
n-Nitroso-di-n-propylamine
Concen: 43.12 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion: 70 Resp: 341051
Ion Ratio Lower Upper
70 100
42 74.7 59.1 88.7
101 8.2 6.6 10.0
130 16.8 12.9 19.3

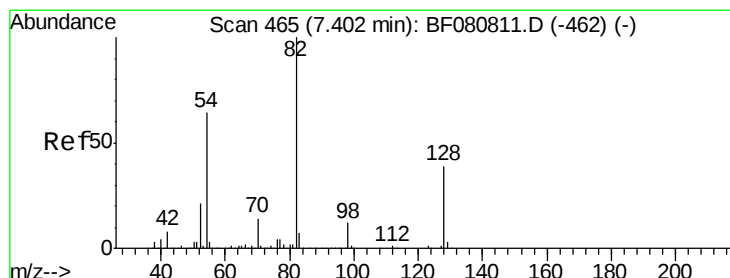
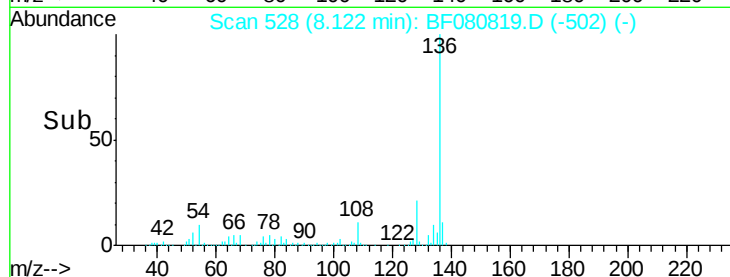
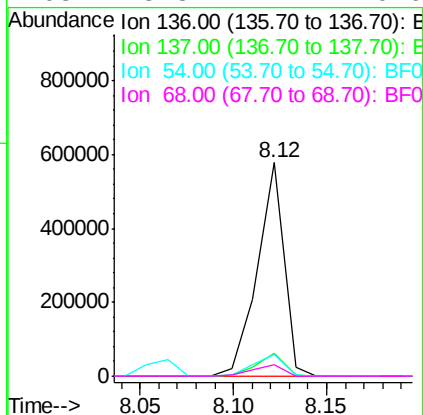
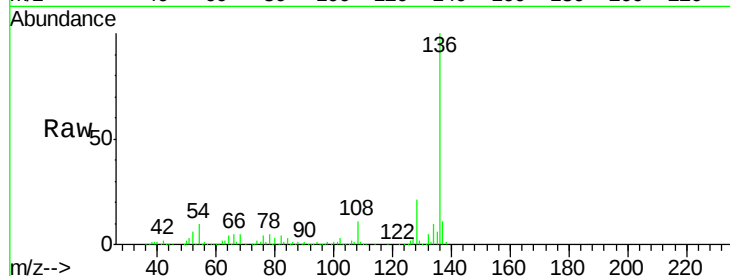




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

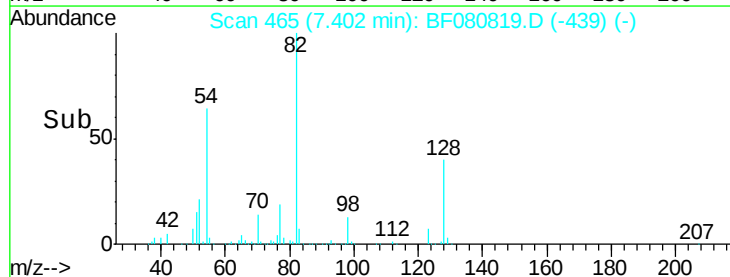
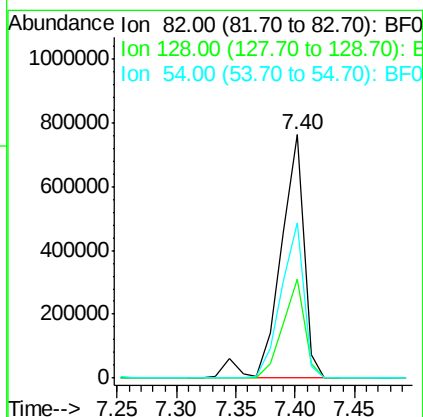
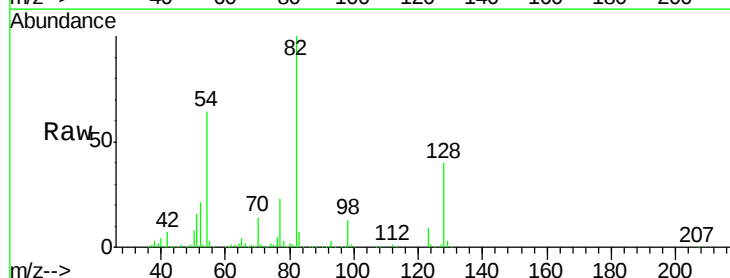
Instrument :
BNA_F
ClientSampleId :
8536

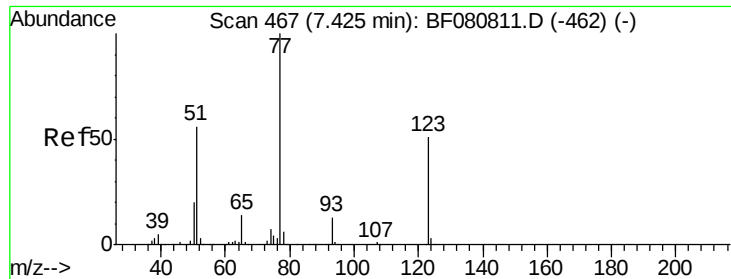
Tot Ion:136	Resp:	571462
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	10.5	7.9 11.9
68	5.3	4.4 6.6



#23
Nitrobenzene-d5
Concen: 89.89 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion: 82	Resp:	1040895
Ion	Ratio	Lower Upper
82	100	
128	40.4	31.4 47.0
54	63.6	51.0 76.4

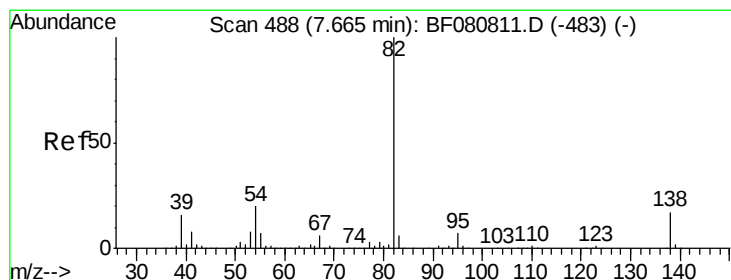
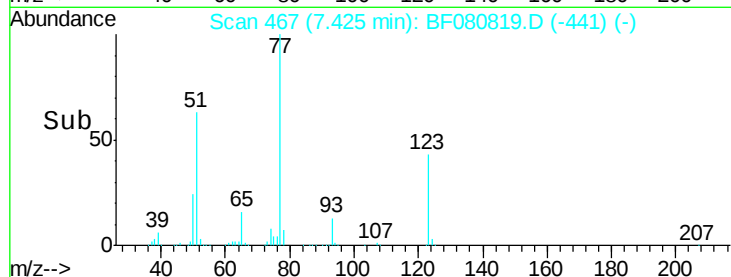
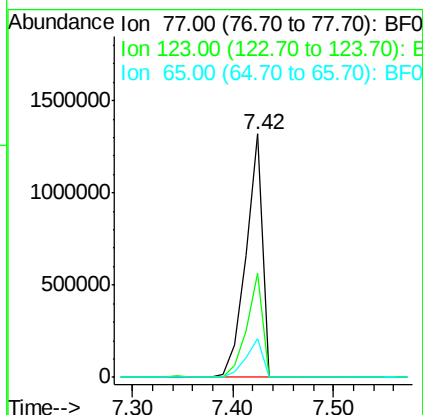
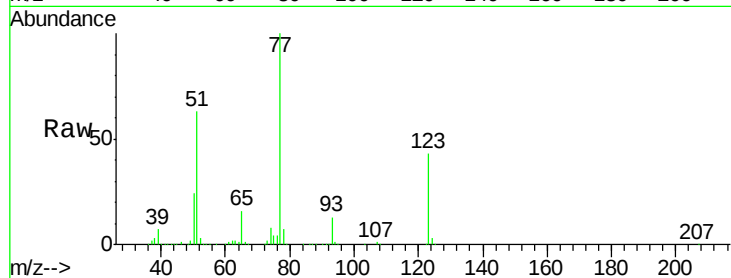




#24
 Nitrobenzene
 Concen: 126.58 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

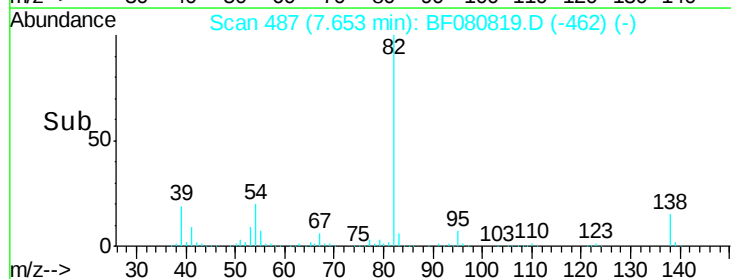
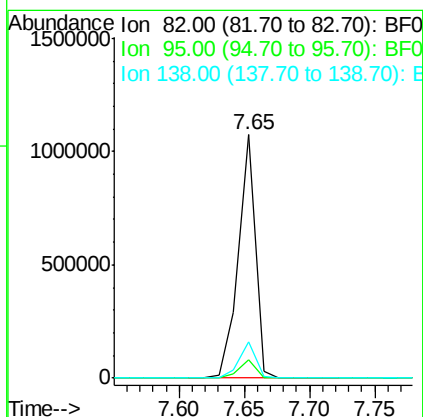
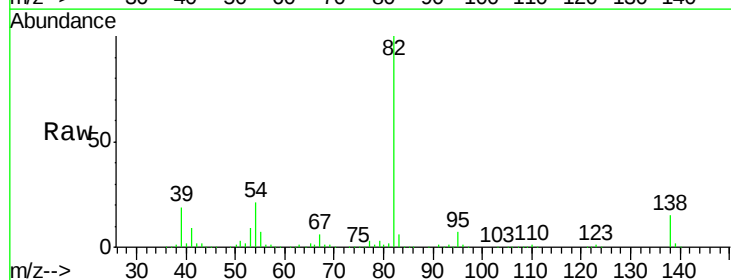
Instrument :
 BNA_F
 ClientSampleId :
 8536

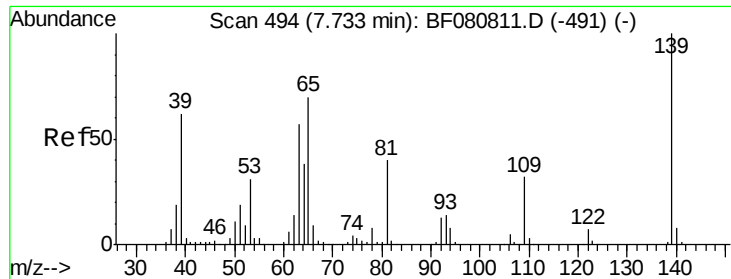
Tot Ion: 77 Resp: 1495838
 Ion Ratio Lower Upper
 77 100
 123 42.7 40.7 61.1
 65 16.0 11.3 16.9



#25
 Isophorone
 Concen: 46.82 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion: 82 Resp: 969530
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.9 8.9
 138 15.1 13.4 20.2

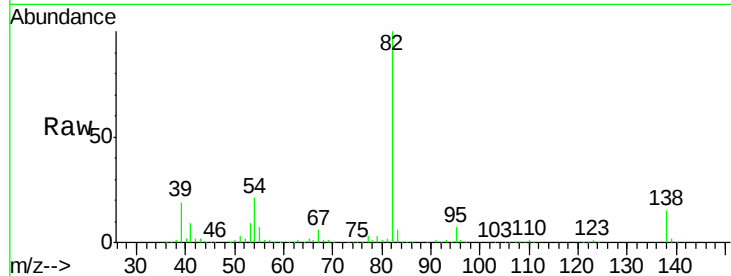




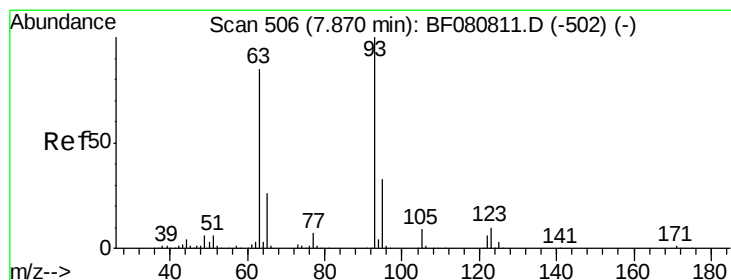
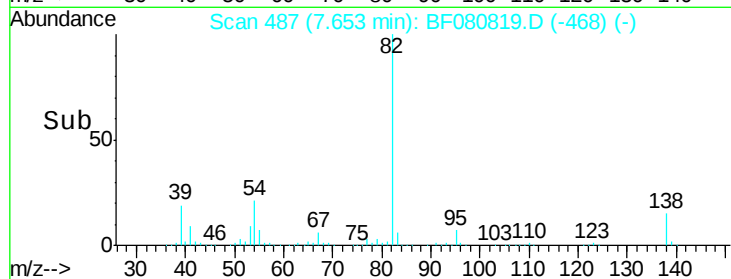
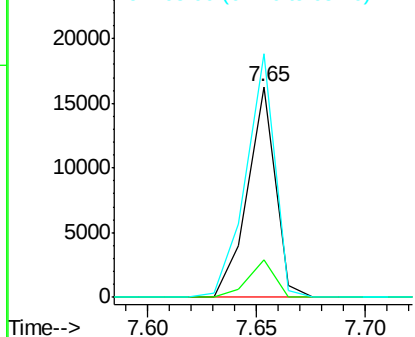
#26
 2-Nitrophenol
 Concen: 2.87 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.08 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Instrument :
 BNA_F
 ClientSampled :
 8536

Tot Ion:139 Resp: 14511
 Ion Ratio Lower Upper
 139 100
 109 17.6 25.3 37.9#
 65 115.6 56.2 84.4#

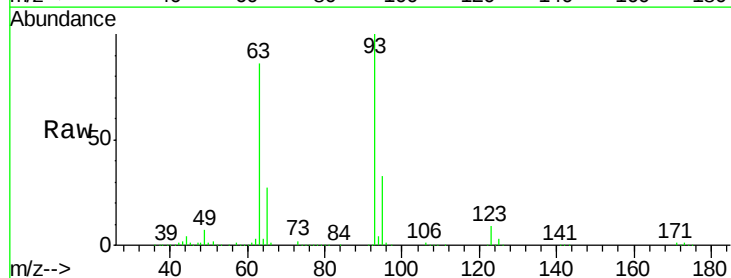


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BFO

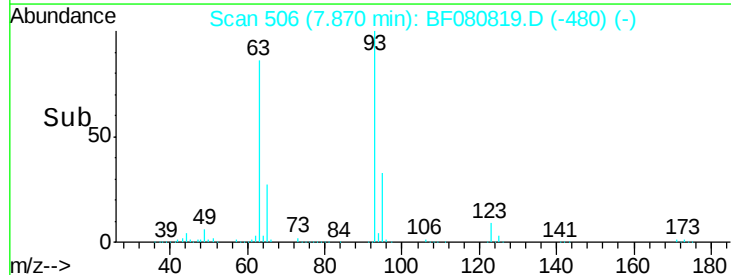
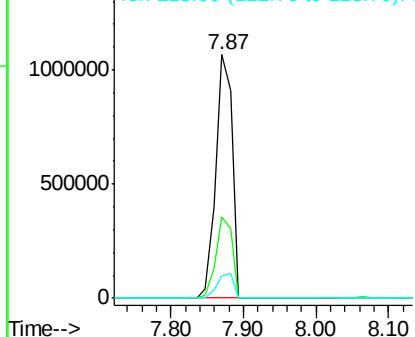


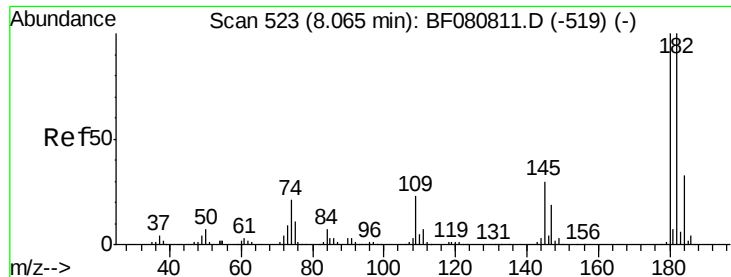
#28
 bis(2-Chloroethoxy)methane
 Concen: 132.94 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion: 93 Resp: 1663575
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.1 39.1
 123 9.3 8.0 12.0



Abundance Ion 93.00 (92.70 to 93.70): BFO
 Ion 95.00 (94.70 to 95.70): BFO
 Ion 123.00 (122.70 to 123.70): E

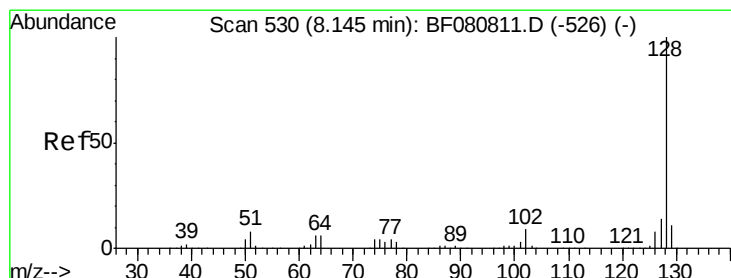
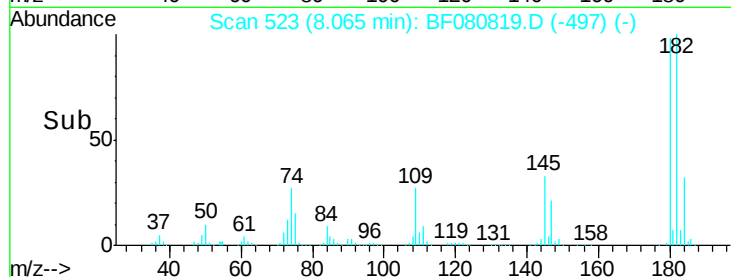
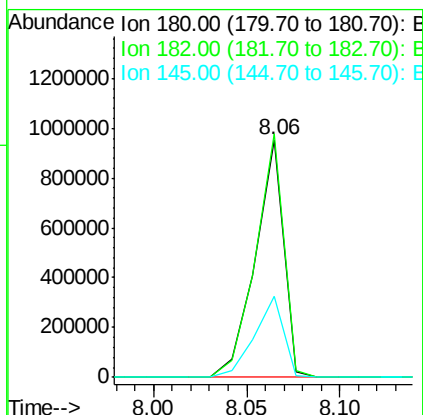
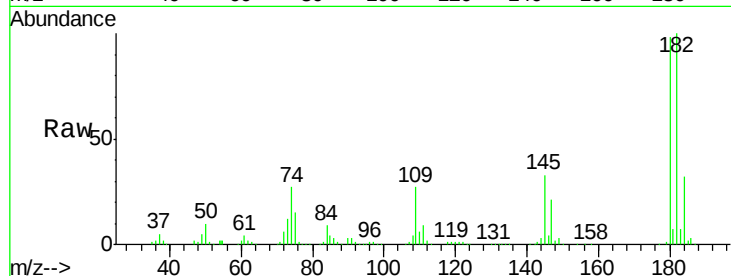




#30
 1,2,4-Trichlorobenzene
 Concen: 113.73 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

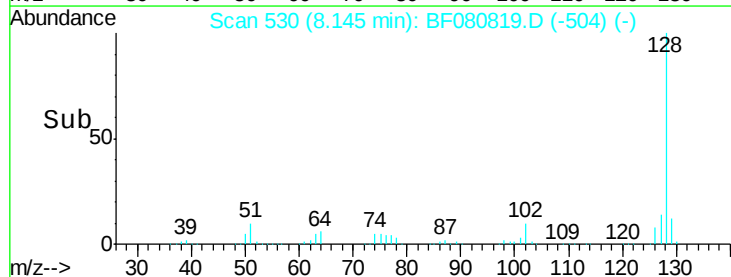
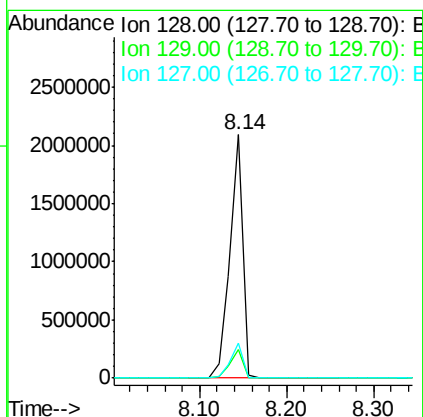
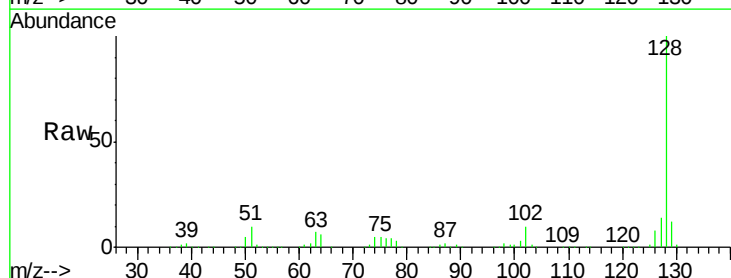
Instrument :
 BNA_F
 ClientSampleId :
 8536

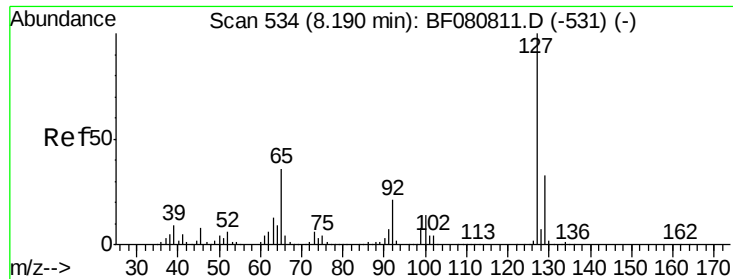
Tot Ion:180 Resp: 1000035
 Ion Ratio Lower Upper
 180 100
 182 102.5 79.7 119.5
 145 34.1 23.8 35.8



#31
 Naphthalene
 Concen: 76.01 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion:128 Resp: 2134082
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.1 13.7
 127 14.4 10.8 16.2

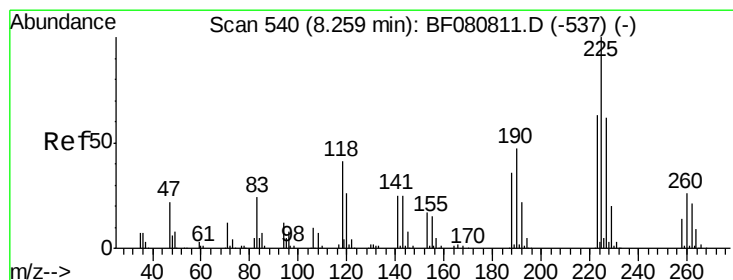
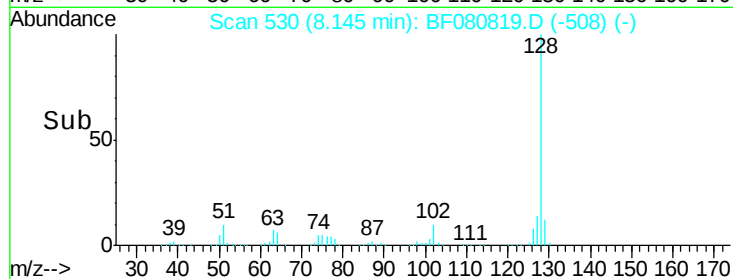
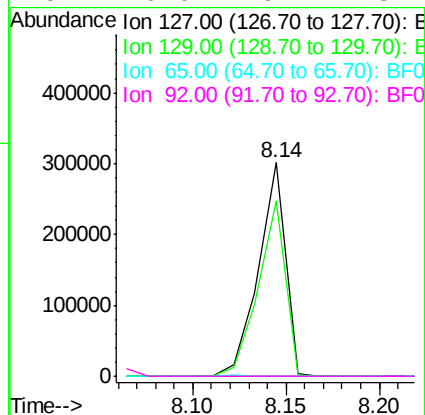
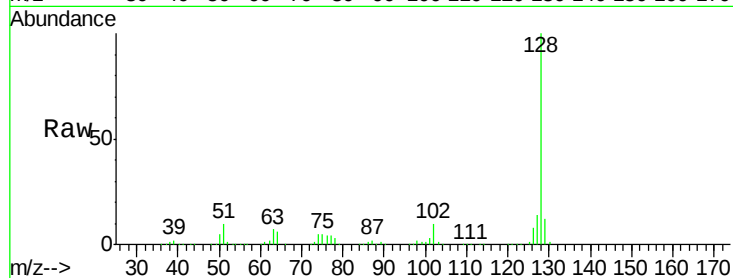




#33
4-Chloroaniline
Concen: 25.39 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

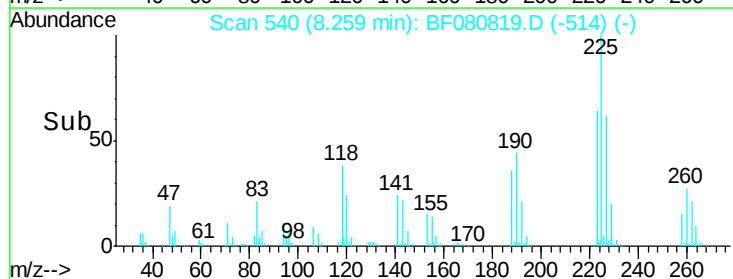
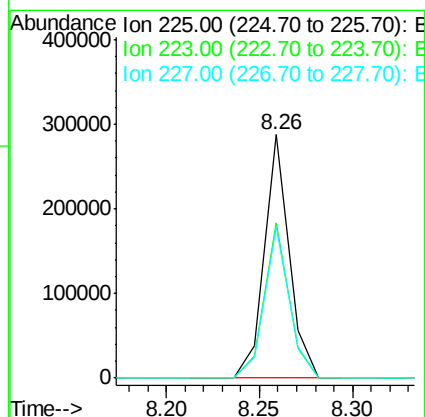
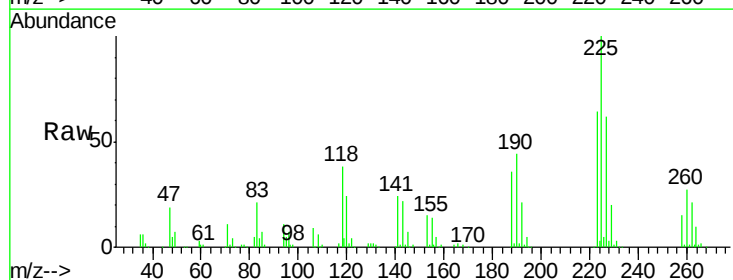
Instrument :
BNA_F
ClientSampleId :
8536

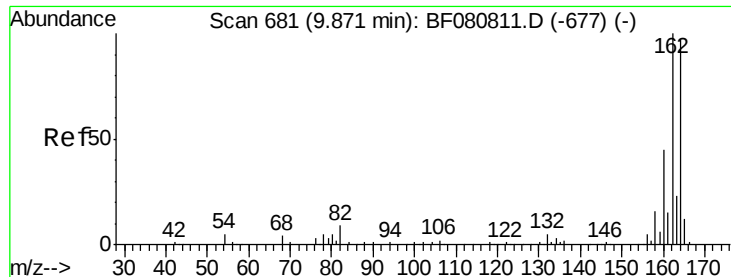
Tot Ion:	127	Resp:	299900
Ion	Ratio	Lower	Upper
127	100		
129	82.2	26.1	39.1#
65	0.0	28.9	43.3#
92	0.0	16.7	25.1#



#34
Hexachlorobutadiene
Concen: 48.82 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion:	225	Resp:	263353
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	62.0	49.7	74.5

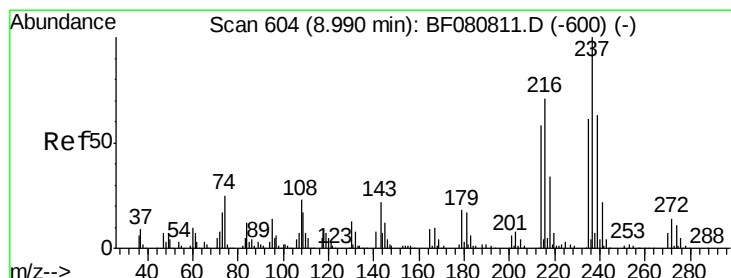
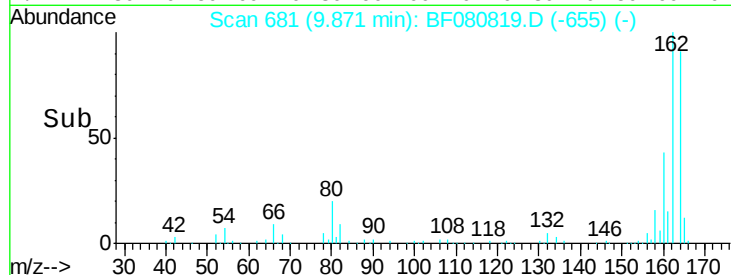
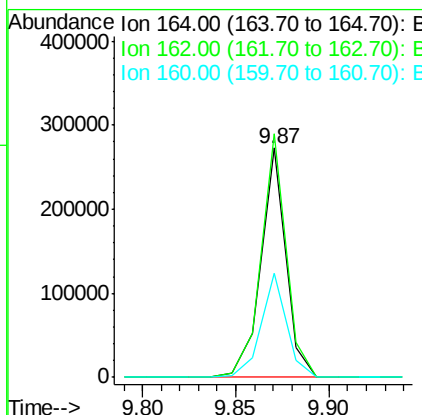
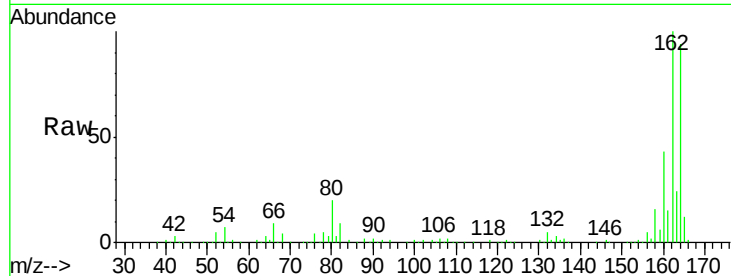




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

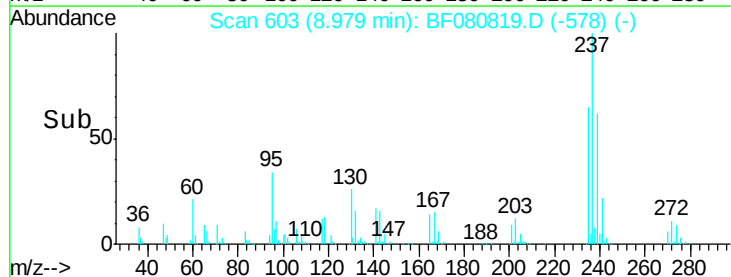
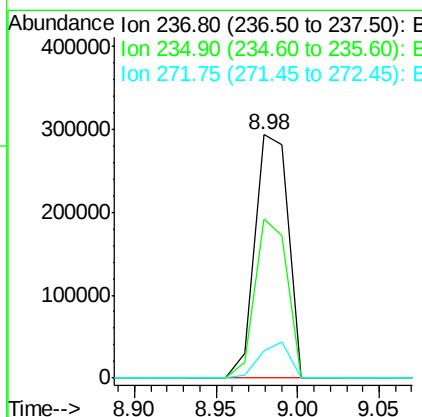
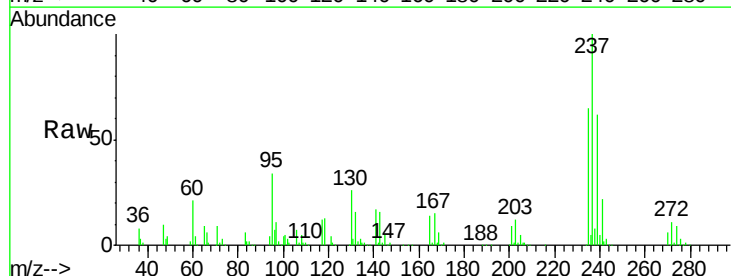
Instrument :
 BNA_F
 ClientSampleId :
 8536

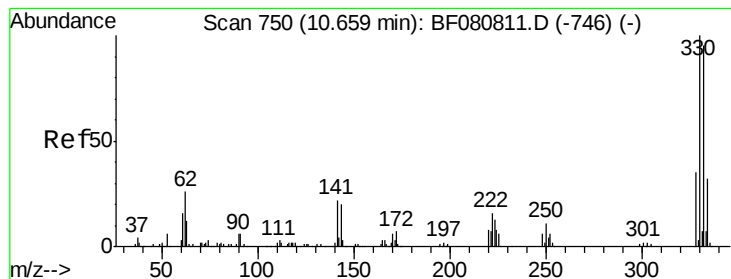
Tot Ion:164 Resp: 250356
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.3 123.5
 160 45.4 37.3 55.9



#40
 Hexachlorocyclopentadiene
 Concen: 85.37 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion:237 Resp: 415225
 Ion Ratio Lower Upper
 237 100
 235 65.2 41.5 81.5
 272 11.1 0.0 33.7

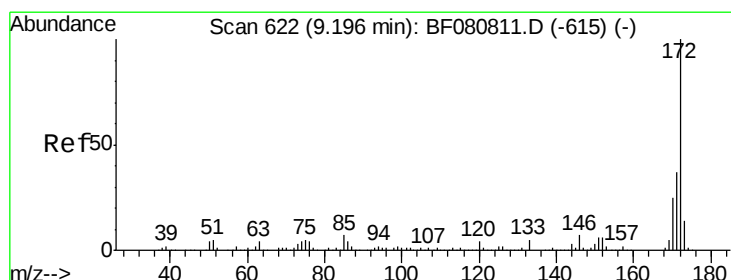
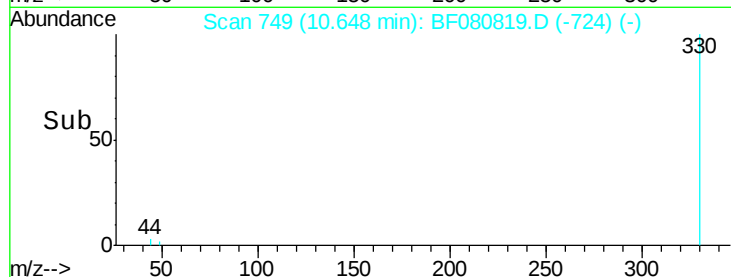
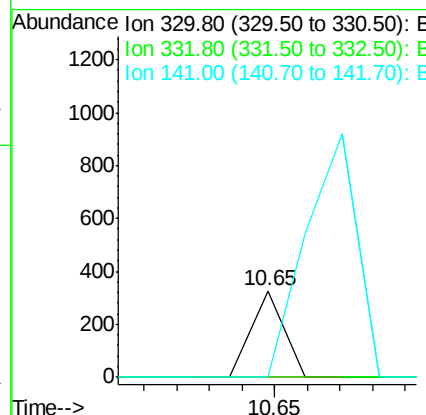
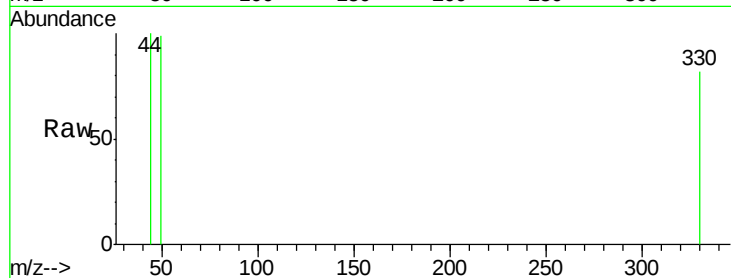




#41
 2,4,6-Tribromophenol
 Concen: 0.09 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

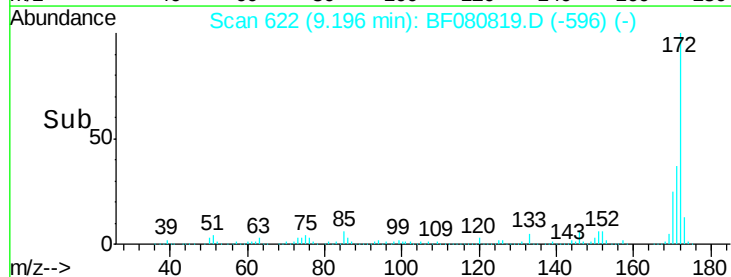
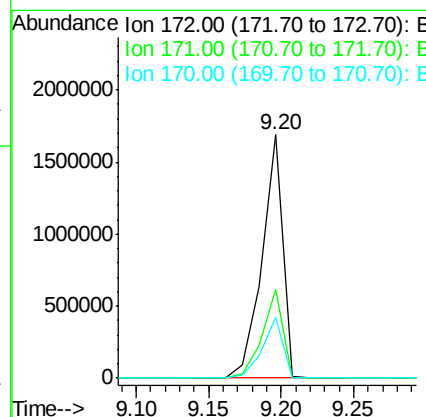
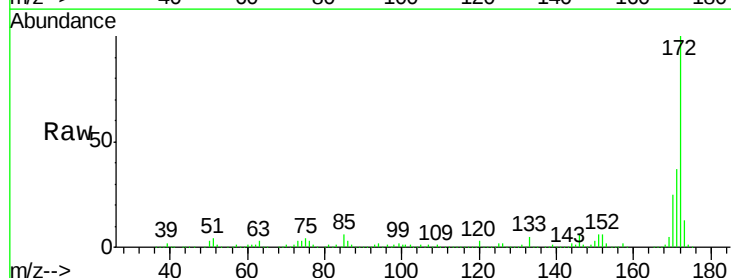
Instrument :
 BNA_F
 ClientSampleId :
 8536

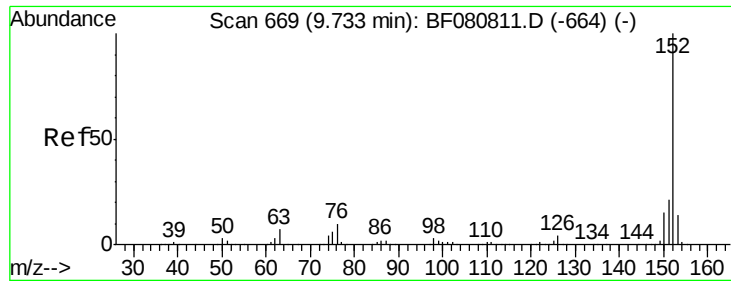
Tot Ion:330 Resp: 224
 Ion Ratio Lower Upper
 330 100
 332 0.0 76.2 114.4#
 141 0.0 25.4 38.0#



#44
 2-Fluorobiphenyl
 Concen: 100.89 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion:172 Resp: 1670983
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 24.9 20.2 30.4





#48

Acenaphthylene

Concen: 118.05 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

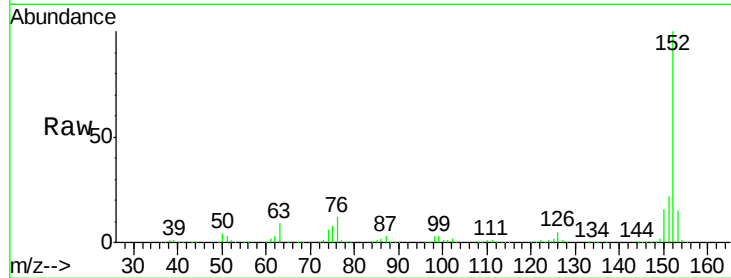
BNA_F

ClientSampleId :

8536

Tot Ion:152 Resp: 2895164

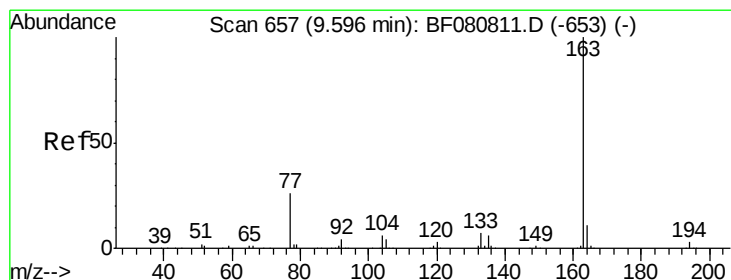
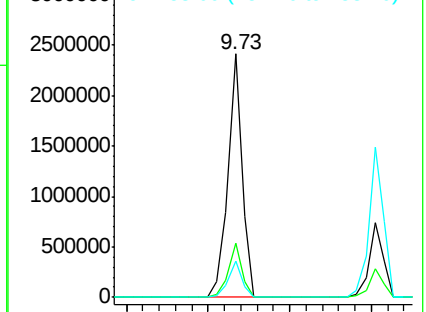
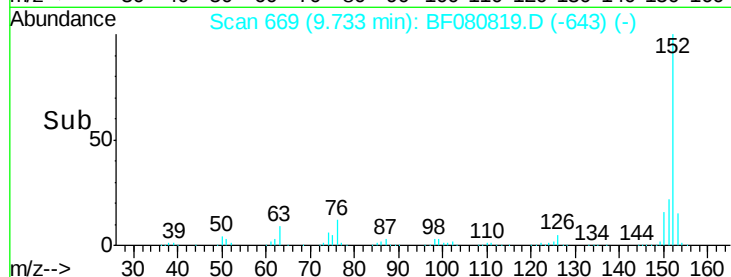
Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.8	25.2
153	15.1	11.0	16.4



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



#49

Dimethylphthalate

Concen: 111.46 ng

RT: 9.60 min Scan# 657

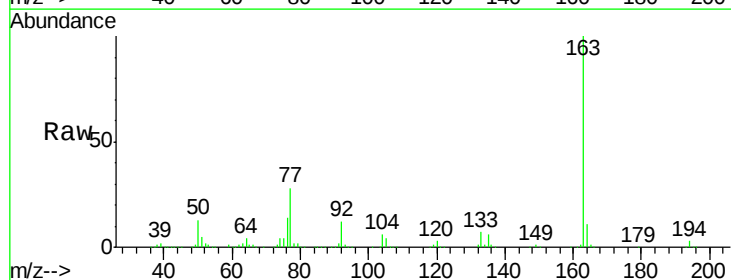
Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Tgt Ion:163 Resp: 1864306

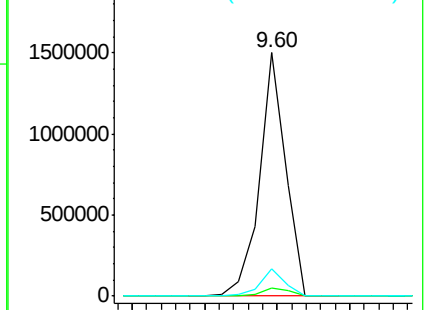
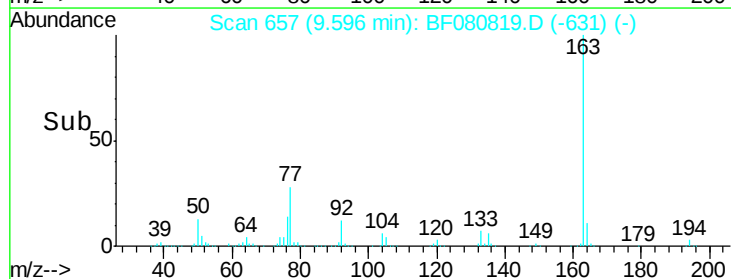
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.0	8.5	12.7

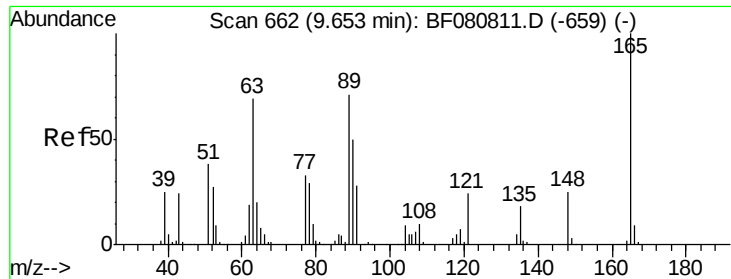


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 83.40 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

ClientSampleId :

8536

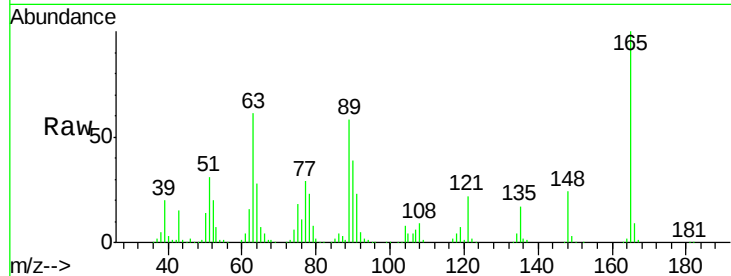
Tot Ion:165 Resp: 300426

Ion Ratio Lower Upper

165 100

63 61.2 68.2 102.4#

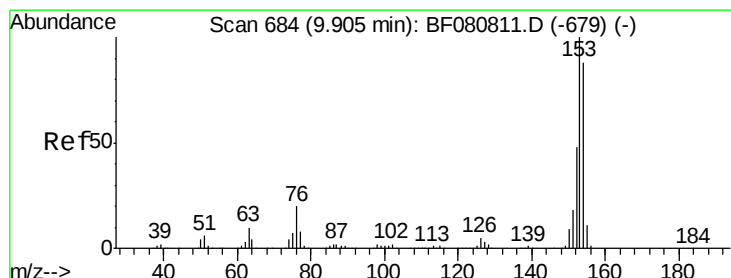
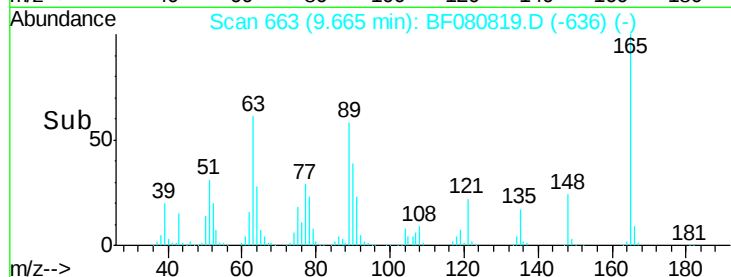
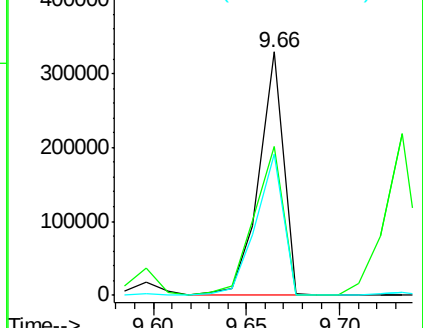
89 57.9 56.9 85.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 111.98 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

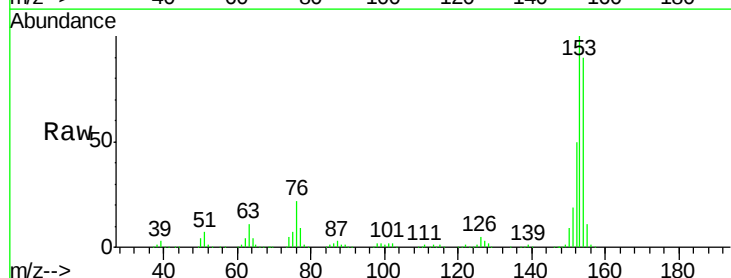
Tgt Ion:154 Resp: 1654554

Ion Ratio Lower Upper

154 100

153 111.7 91.4 137.2

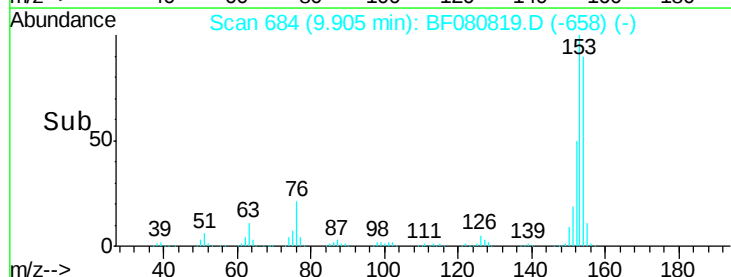
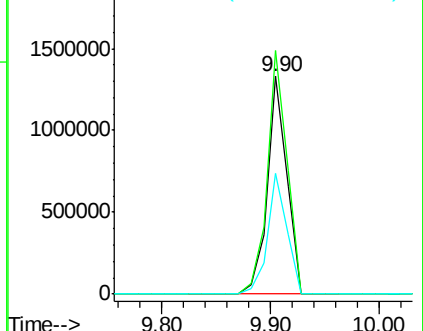
152 55.3 44.1 66.1

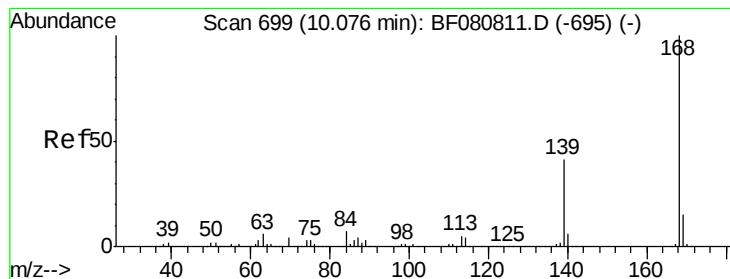


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 77.48 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

ClientSampleId :

8536

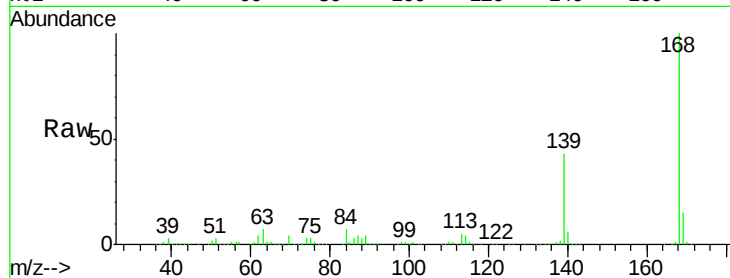
Tot Ion:168 Resp: 1515326

Ion Ratio Lower Upper

168 100

139 42.7 32.8 49.2

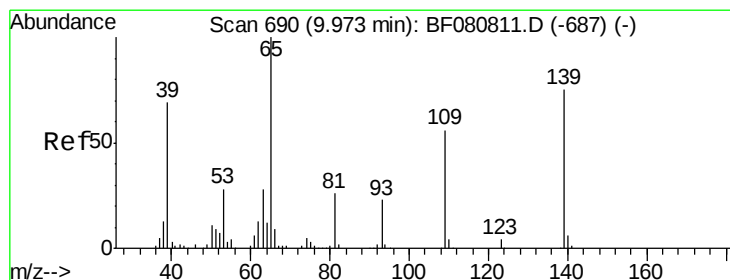
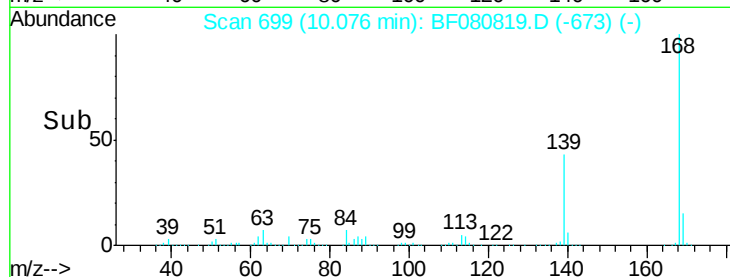
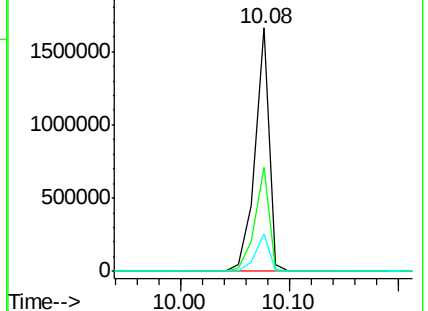
169 15.4 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 216.85 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.10 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

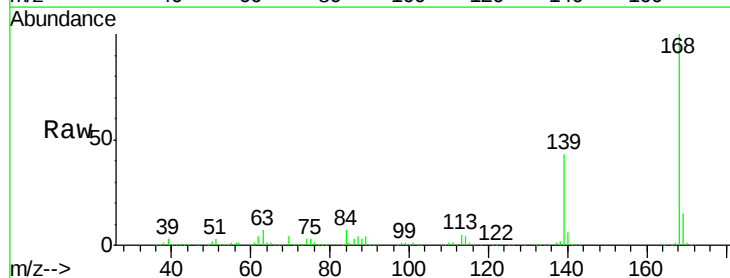
Tgt Ion:139 Resp: 647940

Ion Ratio Lower Upper

139 100

109 0.8 55.1 95.1#

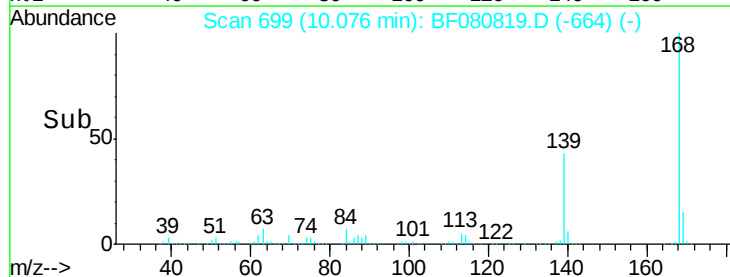
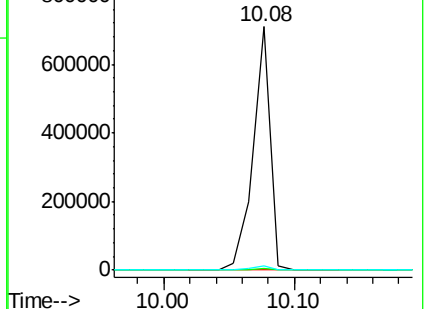
65 1.7 113.9 153.9#

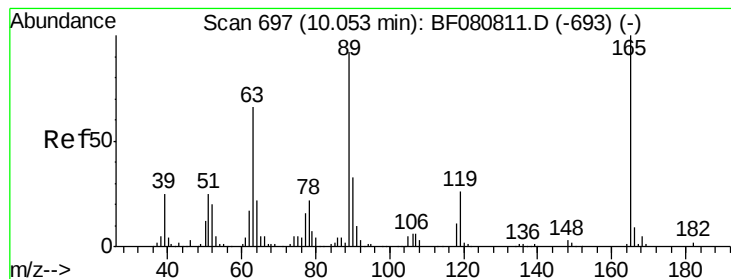


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

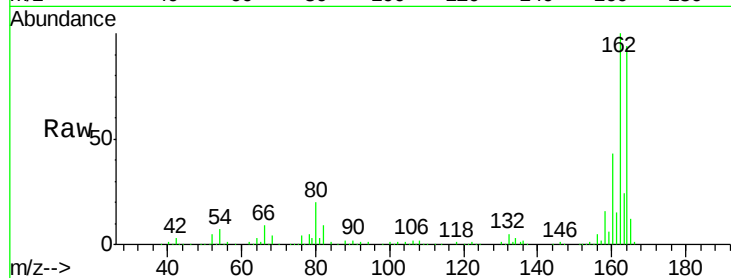




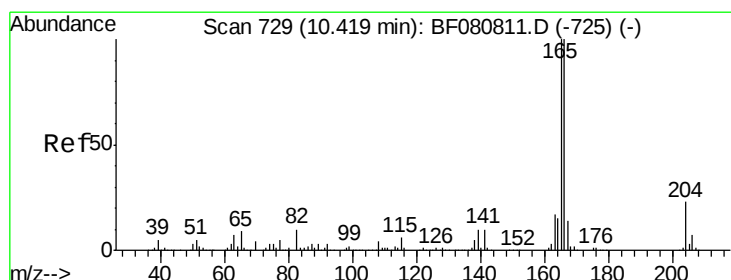
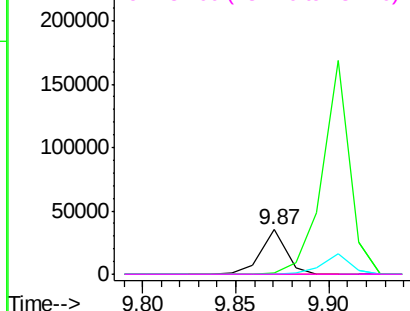
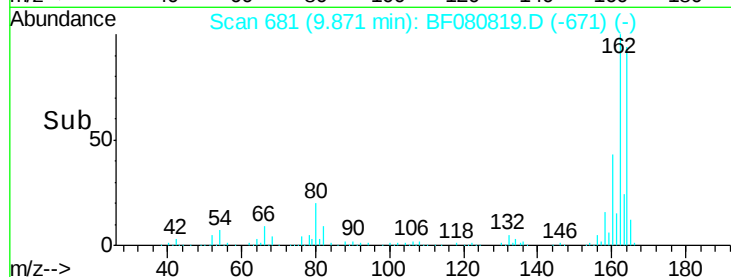
#56
2,4-Dinitrotoluene
Concen: 7.15 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.18 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampleId :
8536

Tot Ion:165 Resp: 32582
Ion Ratio Lower Upper
165 100
63 2.3 53.3 79.9#
89 1.4 73.5 110.3#
182 0.0 1.7 2.5#

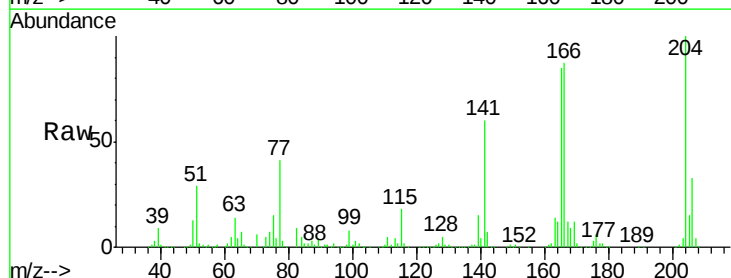


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

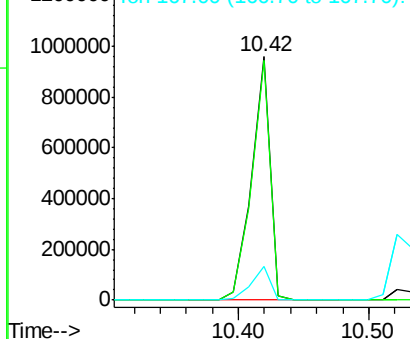
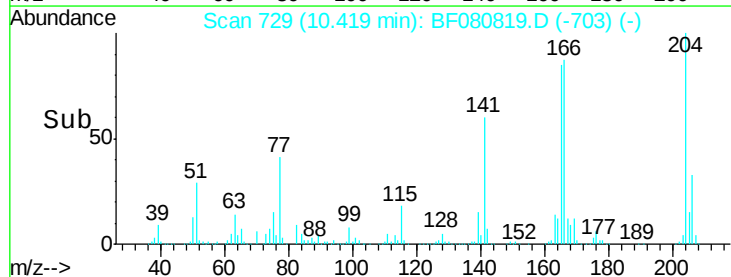


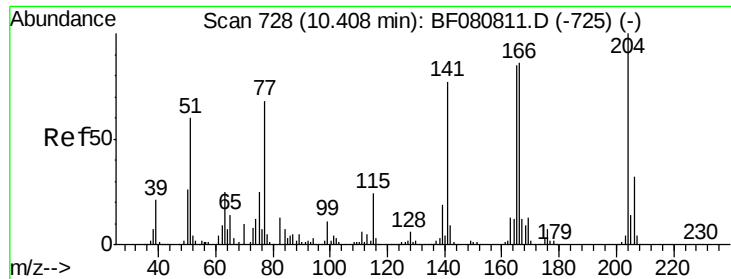
#57
Fluorene
Concen: 62.47 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion:166 Resp: 948035
Ion Ratio Lower Upper
166 100
165 98.3 79.9 119.9
167 13.6 10.8 16.2



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

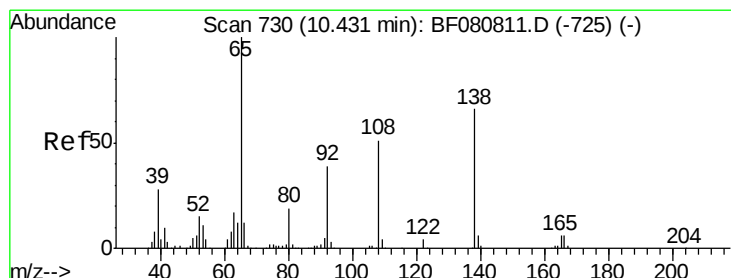
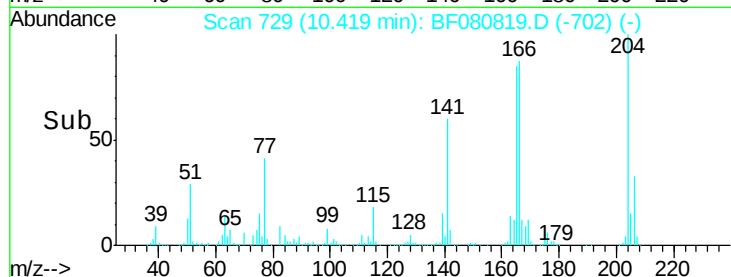
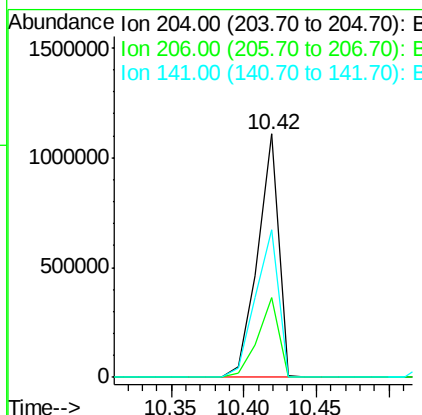
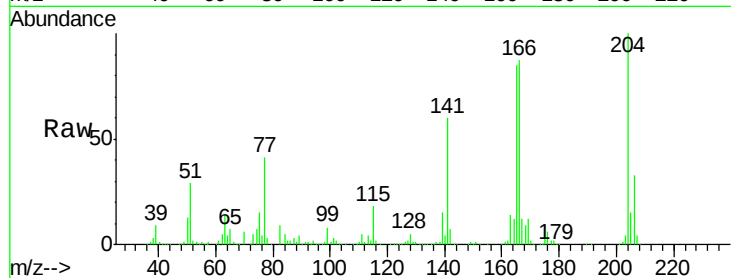




#60
4-Chlorophenyl-phenylether
Concen: 150.58 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

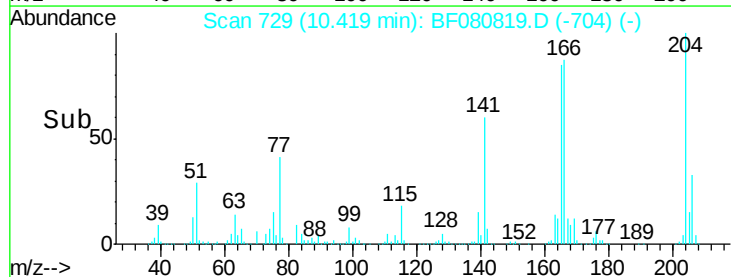
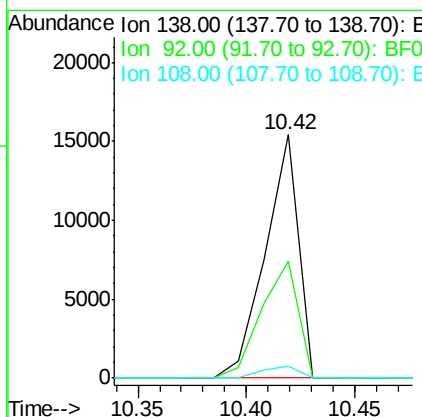
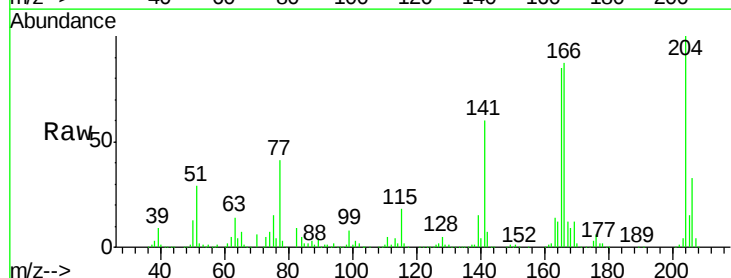
Instrument :
BNA_F
ClientSampleId :
8536

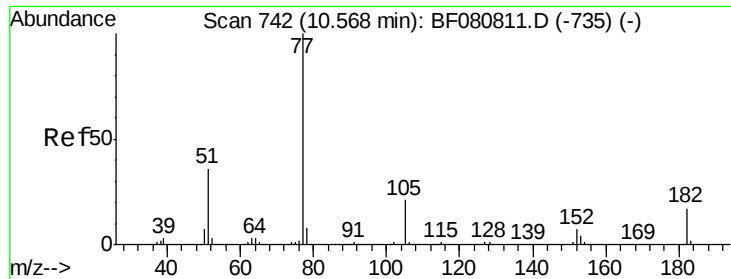
Tot Ion:204 Resp: 1120789
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 60.4 61.2 91.8#



#61
4-Nitroaniline
Concen: 4.24 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion:138 Resp: 16418
Ion Ratio Lower Upper
138 100
92 47.8 38.7 78.7
108 4.8 56.8 96.8#





#62

Azobenzene

Concen: 6.12 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

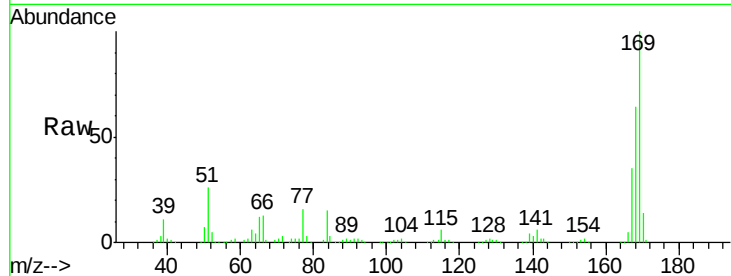
ClientSampleId :

8536

Tot Ion: 77 Resp: 113283

Ion Ratio Lower Upper

77	100		
182	0.0	0.0	37.4
105	1.1	0.9	40.9
51	158.3	15.9	55.9#

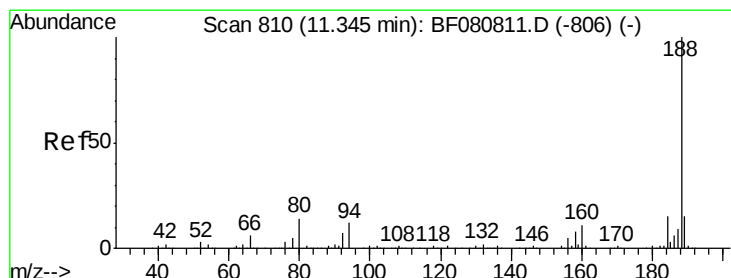
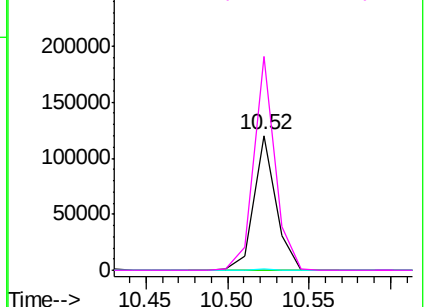
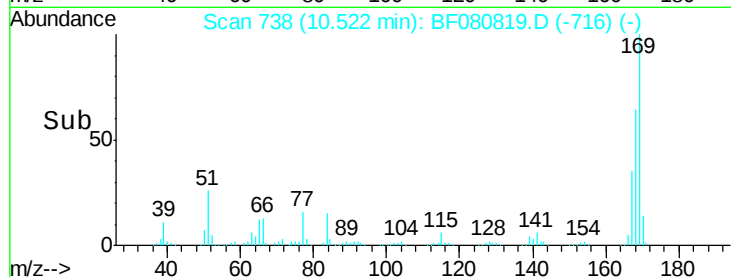


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

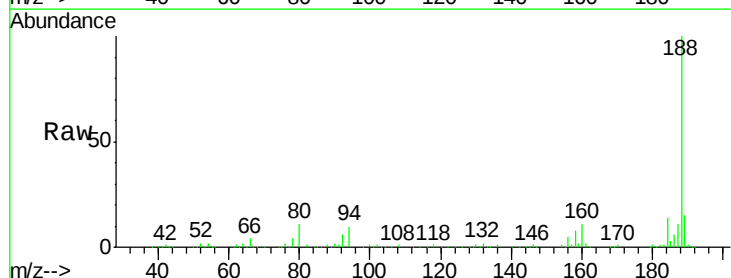
Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Tgt Ion: 188 Resp: 395934

Ion Ratio Lower Upper

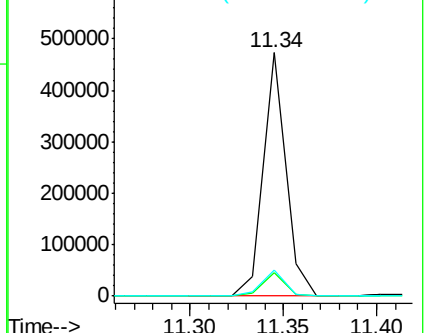
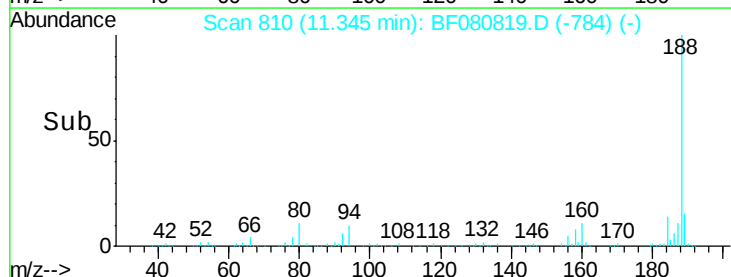
188	100		
94	9.6	9.7	14.5#
80	10.9	11.2	16.8#

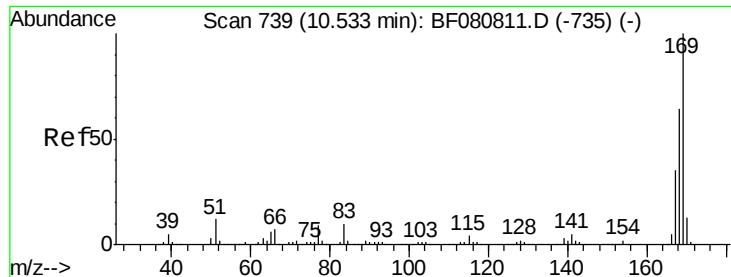


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

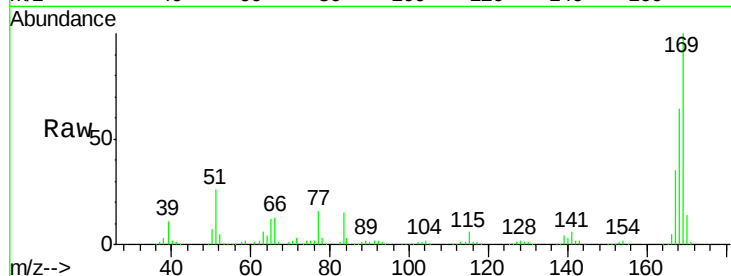




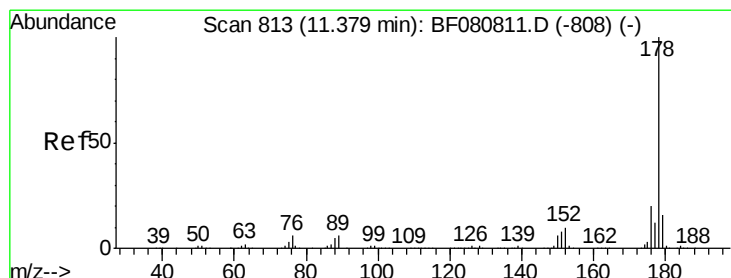
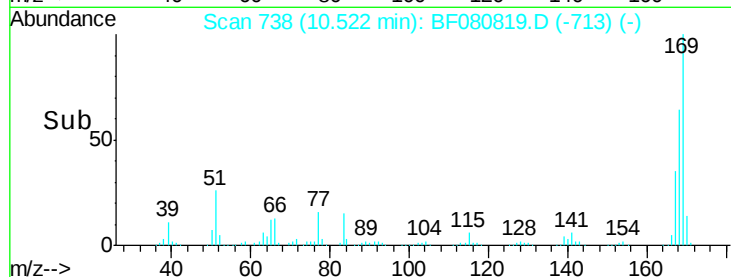
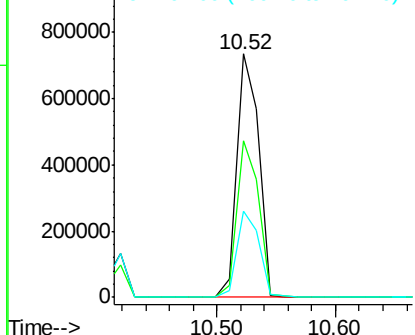
#65
 n-Nitrosodiphenylamine
 Concen: 67.79 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 8536

Tot Ion:169 Resp: 939550
 Ion Ratio Lower Upper
 169 100
 168 64.4 50.9 76.3
 167 35.4 27.7 41.5

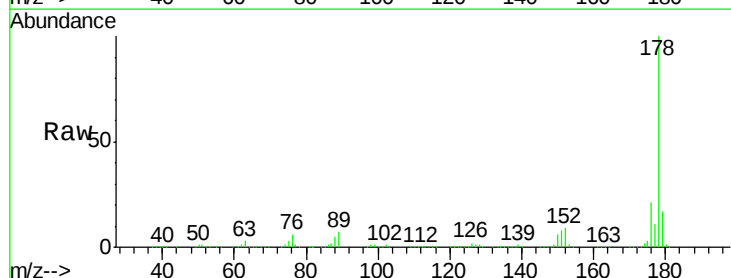


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

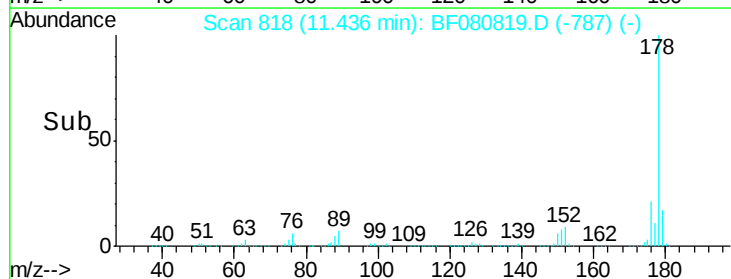
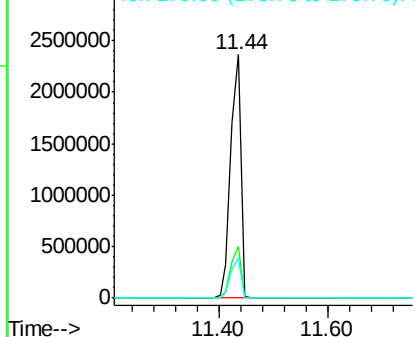


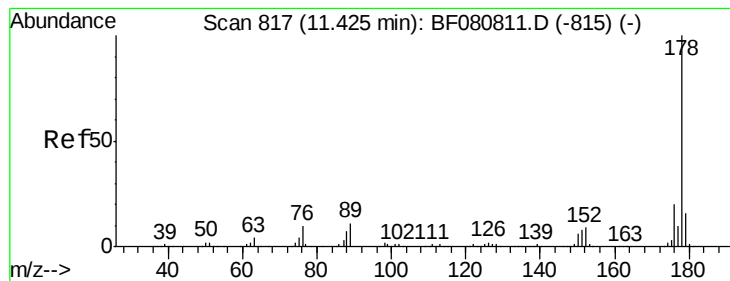
#70
 Phenanthrene
 Concen: 148.62 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.06 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion:178 Resp: 3060465
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.3 24.5
 179 16.6 12.6 19.0



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





#71

Anthracene

Concen: 150.55 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

ClientSampleId :

8536

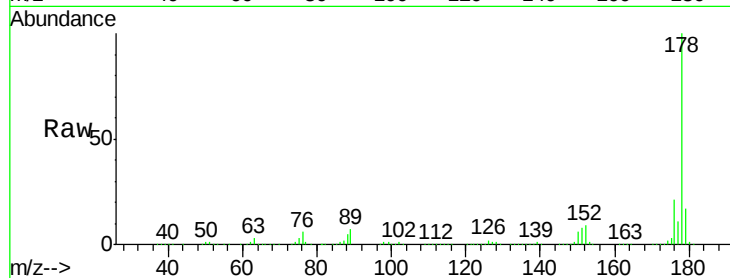
Tot Ion:178 Resp: 3060465

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.8

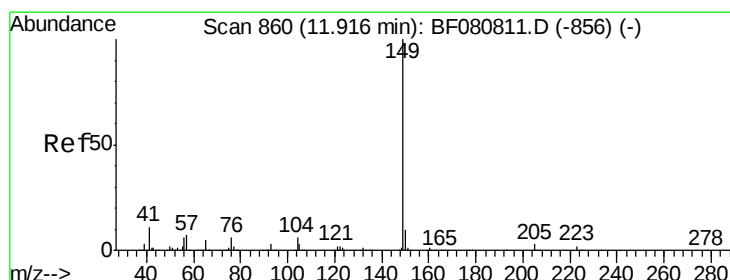
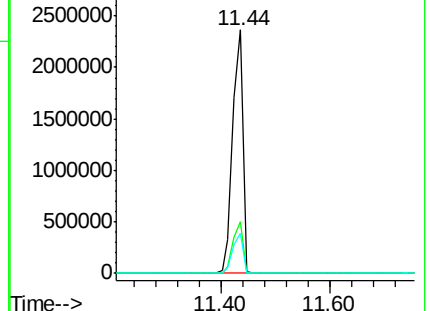
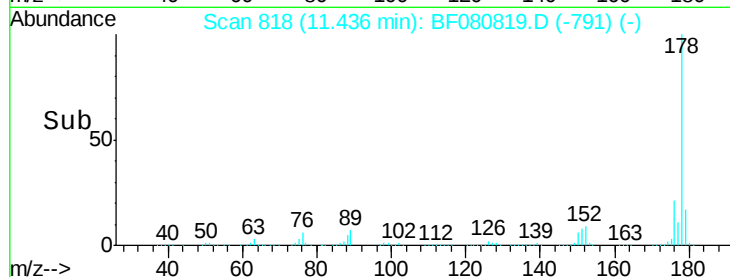
179 16.6 13.0 19.4



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

Di-n-butylphthalate

Concen: 51.86 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

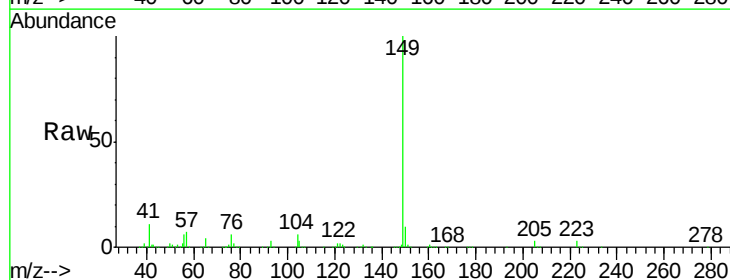
Tgt Ion:149 Resp: 1093039

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

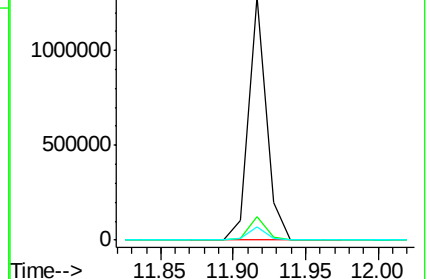
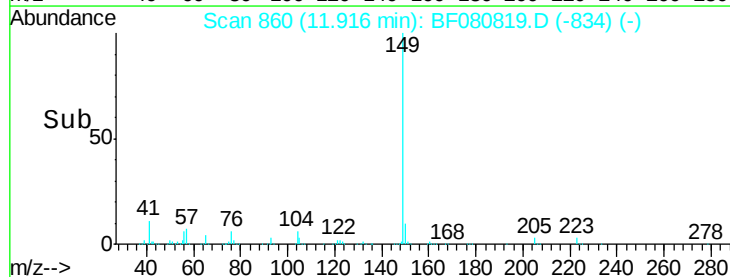
104 5.6 4.6 6.8

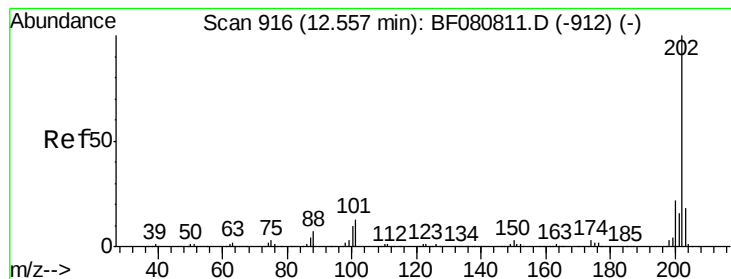


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 61.88 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.23 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

ClientSampleId :

8536

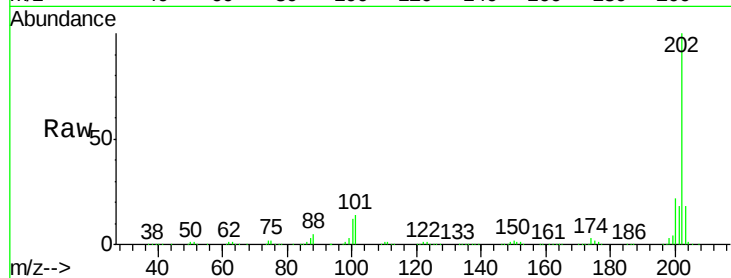
Tot Ion:202 Resp: 1220400

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.0

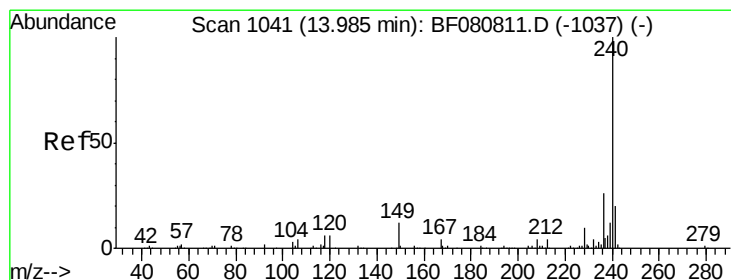
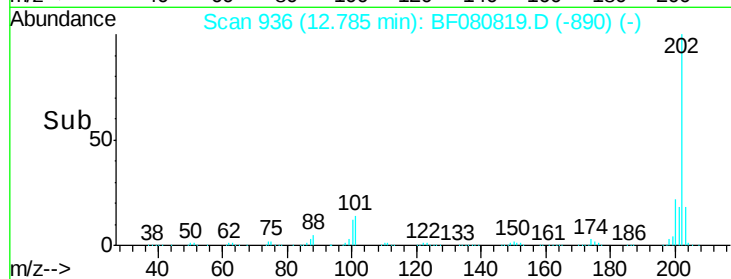
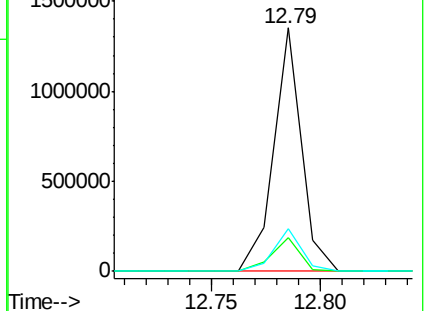
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

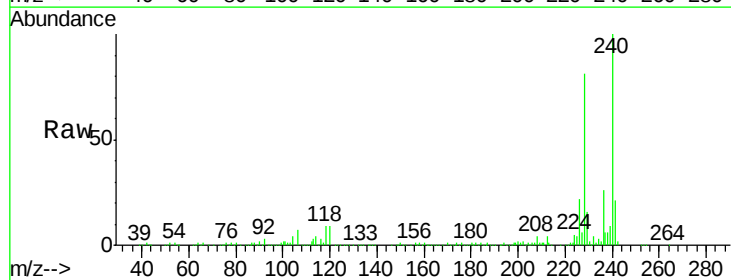
Tgt Ion:240 Resp: 282335

Ion Ratio Lower Upper

240 100

120 9.4 5.0 7.4#

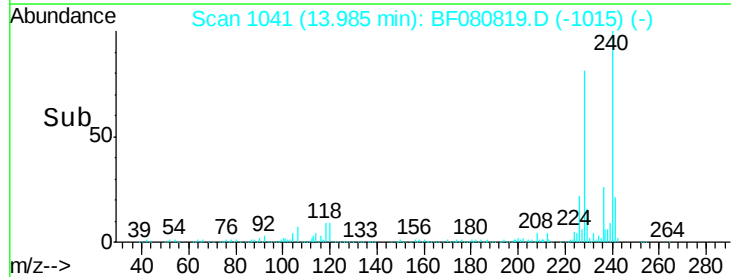
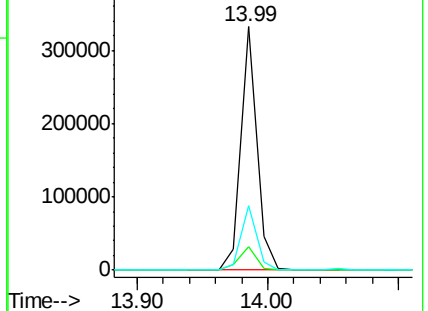
236 26.3 20.8 31.2

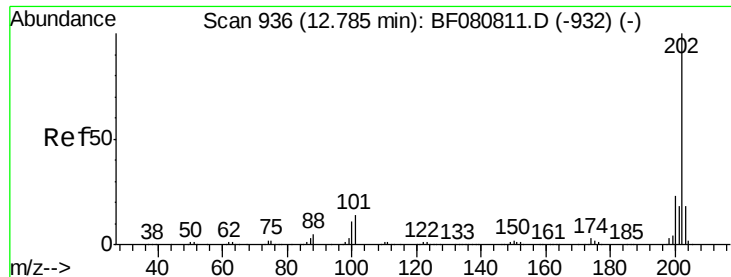


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

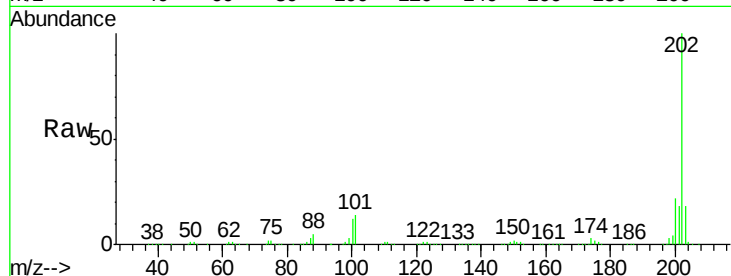




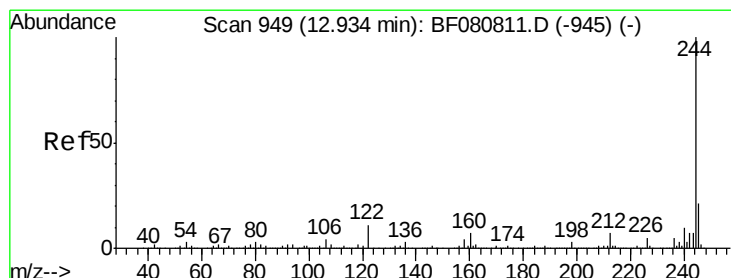
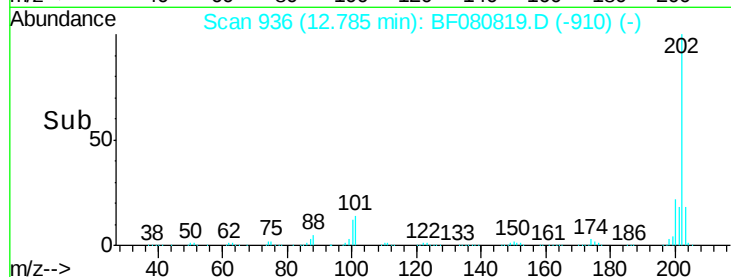
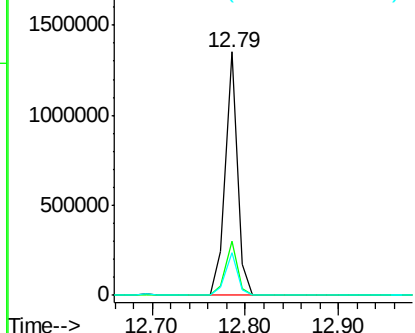
#77
Pvrene
Concen: 58.53 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampleId :
8536

Tot Ion:202 Resp: 1224860
Ion Ratio Lower Upper
202 100
200 22.1 18.2 27.4
203 17.7 14.8 22.2

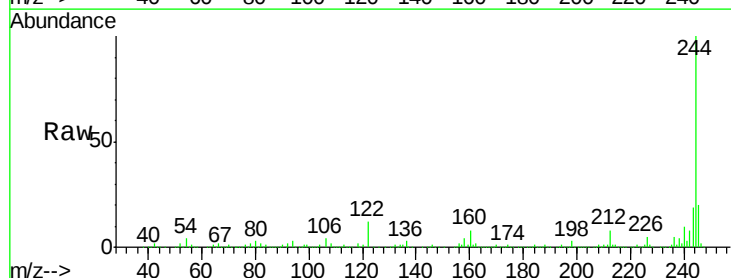


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

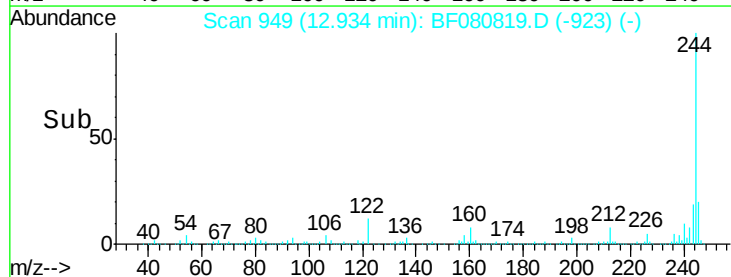
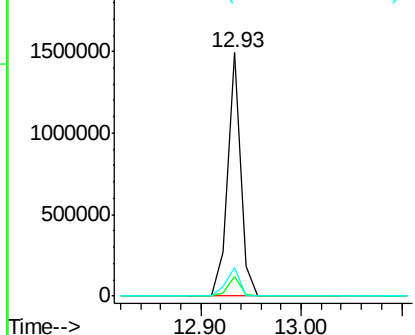


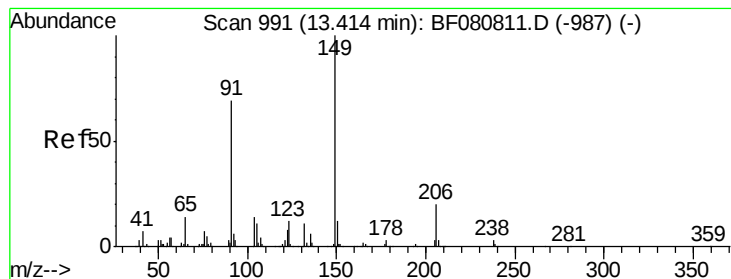
#78
Terphenyl-d14
Concen: 95.30 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion:244 Resp: 1350107
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 11.9 9.1 13.7



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





#79

Butylbenzylphthalate

Concen: 130.53 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

ClientSampled :

8536

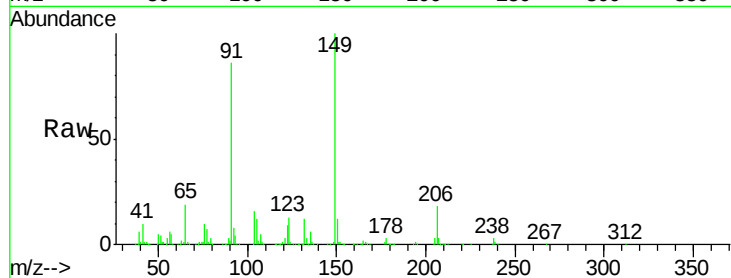
Tot Ion:149 Resp: 1075894

Ion Ratio Lower Upper

149 100

91 85.9 55.4 83.2#

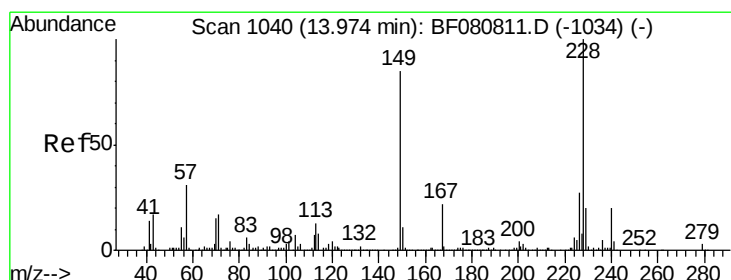
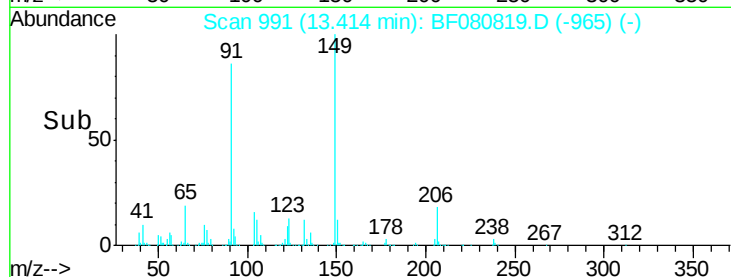
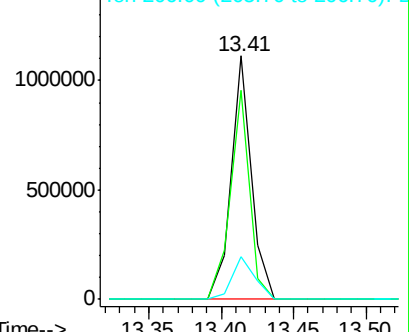
206 17.7 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 106.71 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

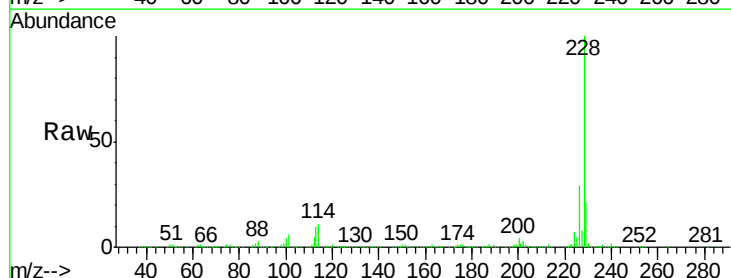
Tgt Ion:228 Resp: 1720033

Ion Ratio Lower Upper

228 100

226 28.7 21.6 32.4

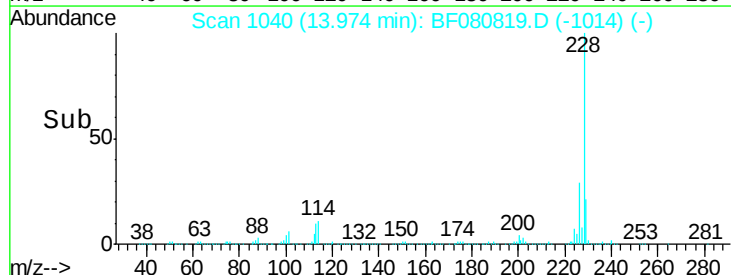
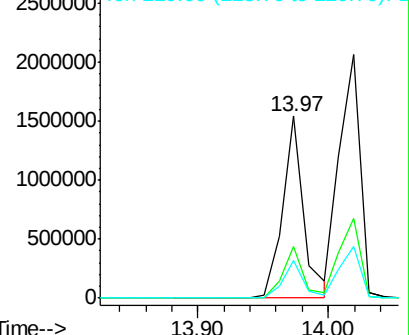
229 20.8 15.7 23.5

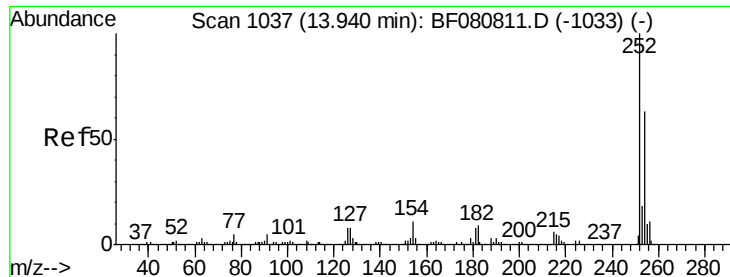


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

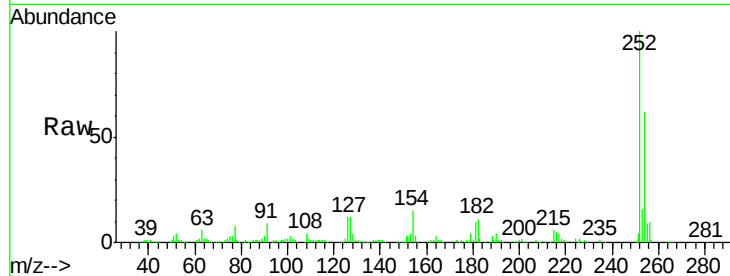




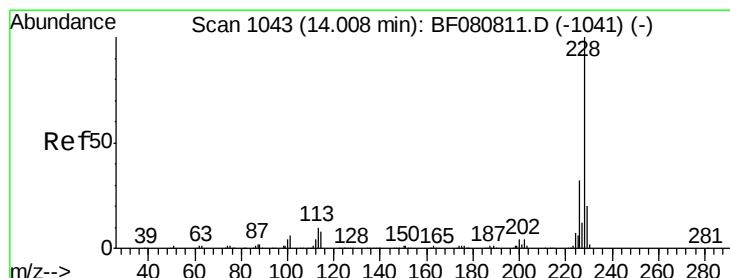
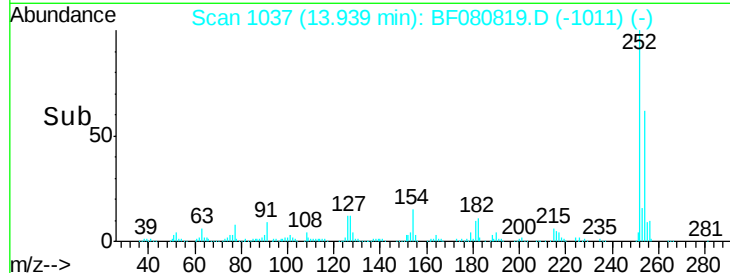
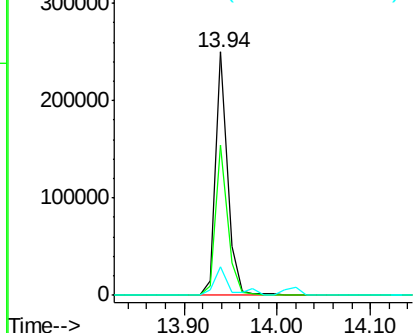
#81
 3,3'-Dichlorobenzidine
 Concen: 39.23 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 8536

Tot Ion:252 Resp: 224369
 Ion Ratio Lower Upper
 252 100
 254 61.7 50.1 75.1
 126 12.0 6.2 9.4#

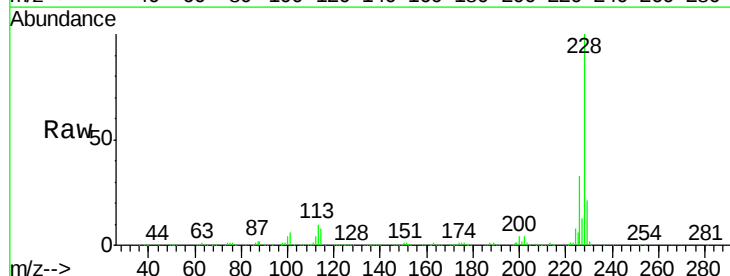


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

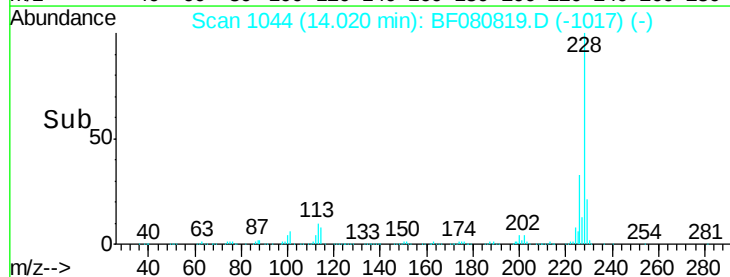
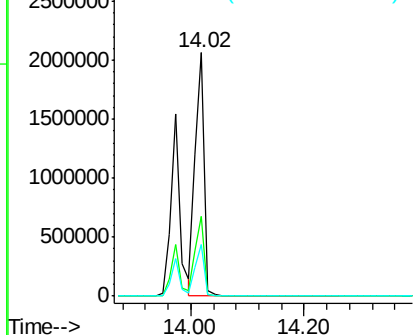


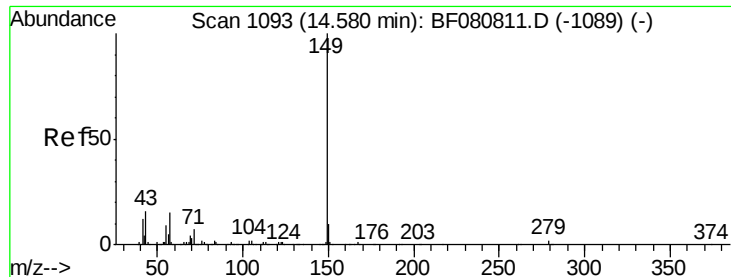
#82
 Chrysene
 Concen: 146.82 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion:228 Resp: 2300249
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.0 37.6
 229 21.3 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

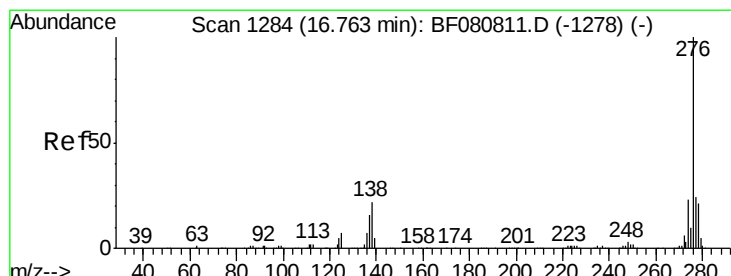
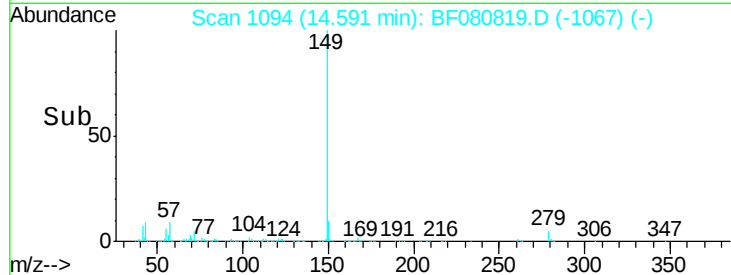
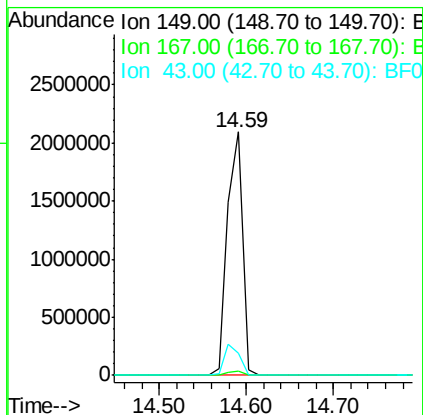
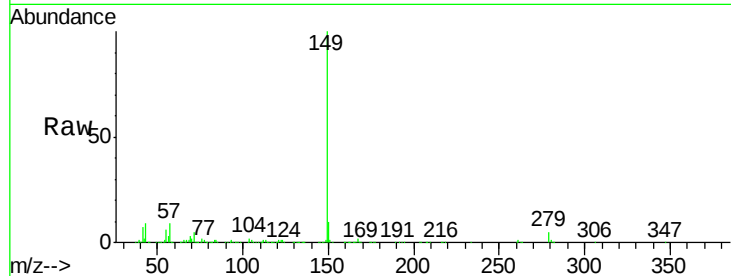




#84
 Di-n-octyl phthalate
 Concen: 158.32 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

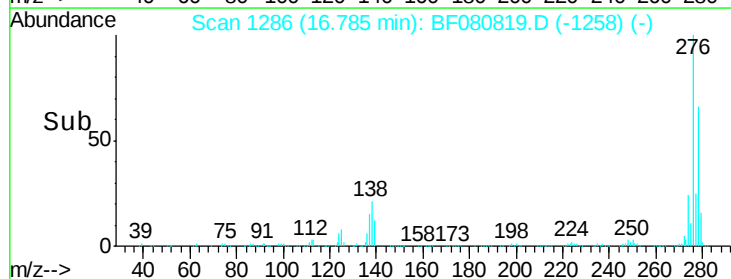
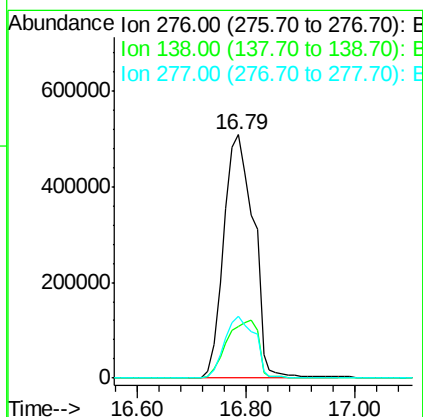
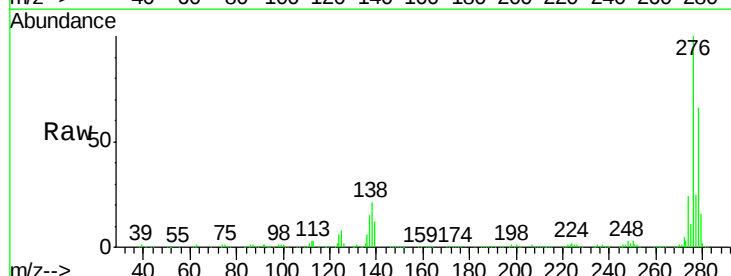
Instrument :
 BNA_F
 ClientSampleId :
 8536

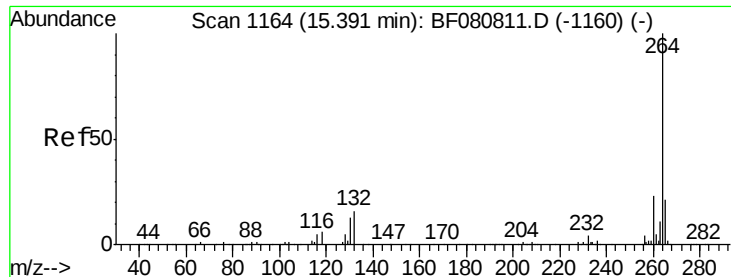
Tot Ion:149 Resp: 2547286
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.3 11.8 17.8



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 135.27 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.02 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion:276 Resp: 1943962
 Ion Ratio Lower Upper
 276 100
 138 0.0 18.6 27.8#
 277 25.7 20.1 30.1

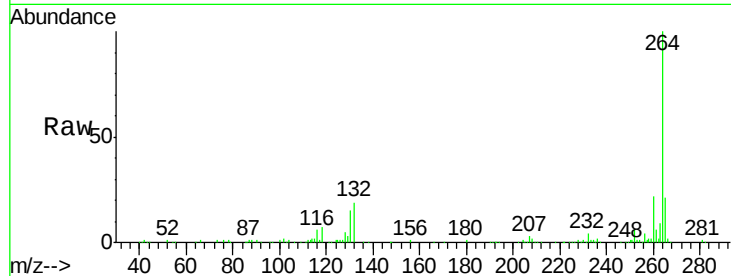




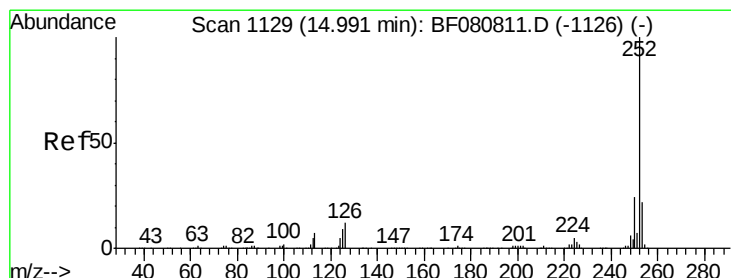
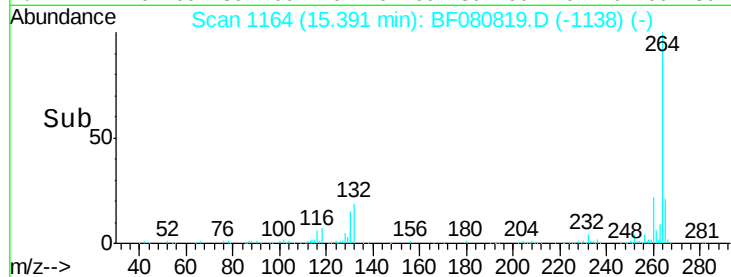
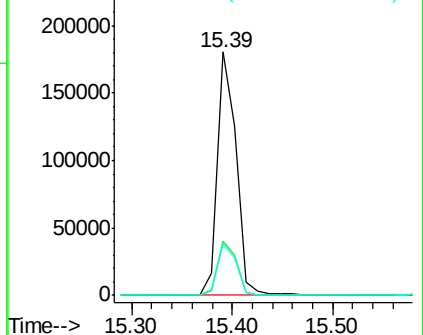
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampled :
8536

Tot Ion:264 Resp: 232804
Ion Ratio Lower Upper
264 100
260 22.3 18.3 27.5
265 20.9 17.0 25.6

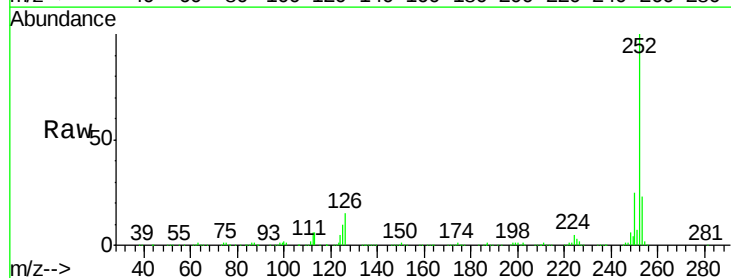


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

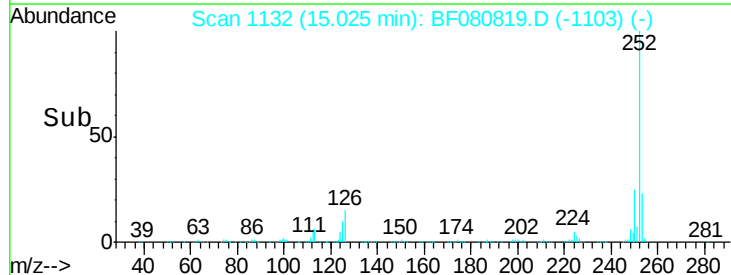
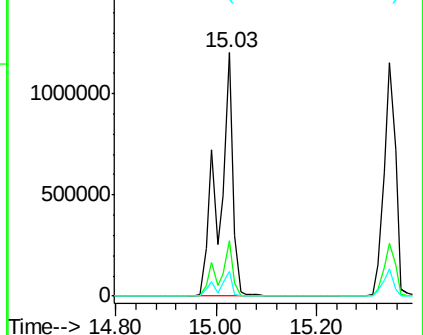


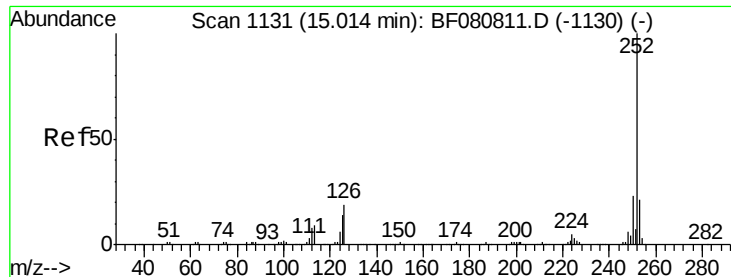
#87
Benzo(b)fluoranthene
Concen: 165.75 ng
RT: 15.03 min Scan# 1132
Delta R.T. 0.03 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion:252 Resp: 2258773
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.2 7.4 11.0



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

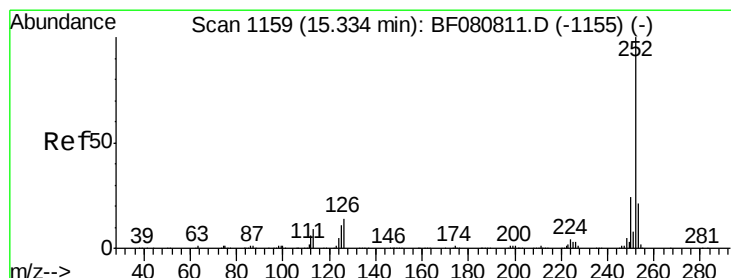
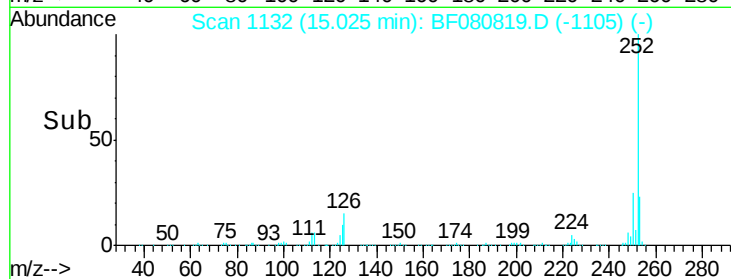
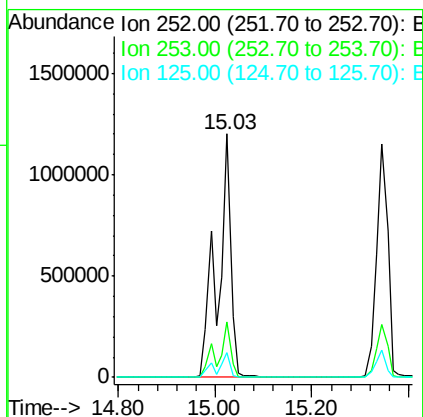
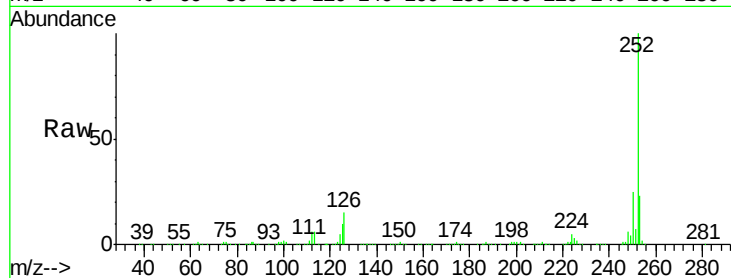




#88
Benzo(k)fluoranthene
Concen: 190.22 ng
RT: 15.03 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

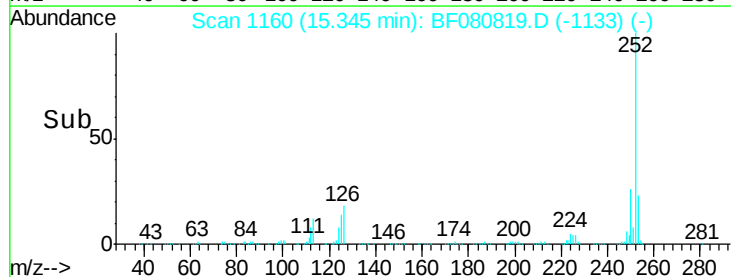
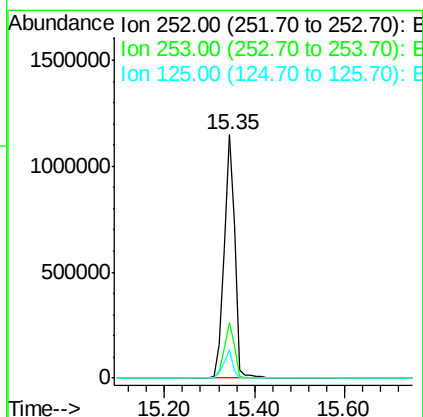
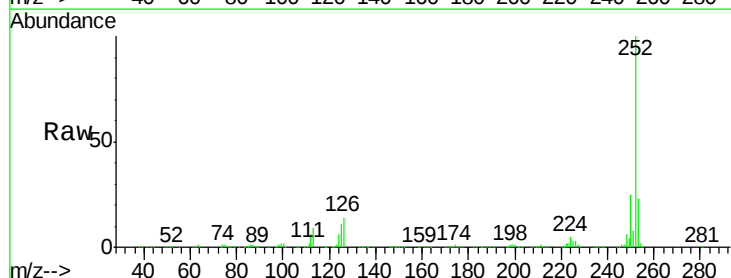
Instrument :
BNA_F
ClientSampleId :
8536

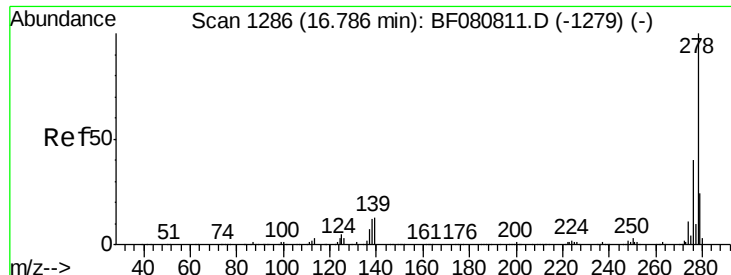
Tot Ion:252 Resp: 2259056
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.2 9.9 14.9



#89
Benzo(a)pyrene
Concen: 161.68 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion:252 Resp: 1879012
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 11.5 8.9 13.3

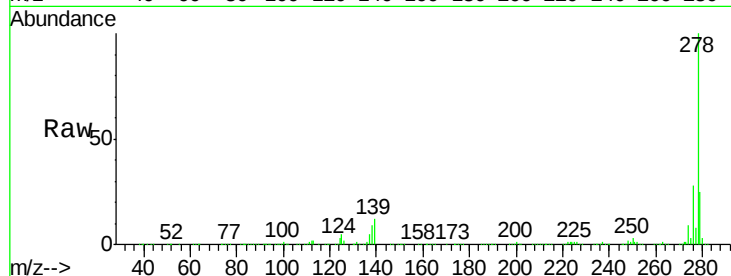




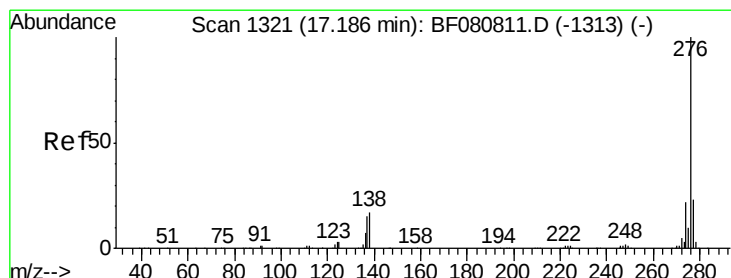
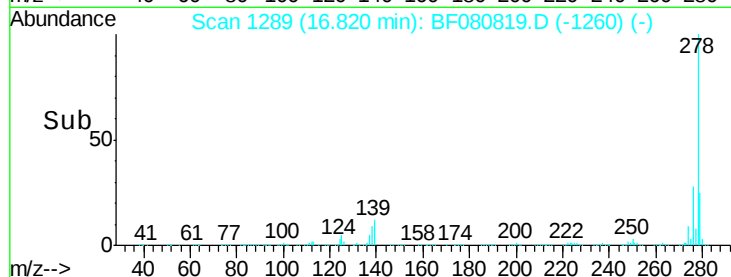
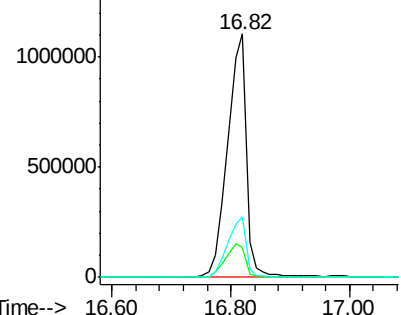
#90
Dibenzo(a,h)anthracene
Concen: 216.67 ng
RT: 16.82 min Scan# 1289
Delta R.T. 0.03 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampled :
8536

Tot Ion:278 Resp: 2439562
Ion Ratio Lower Upper
278 100
139 12.0 10.7 16.1
279 24.7 19.0 28.4

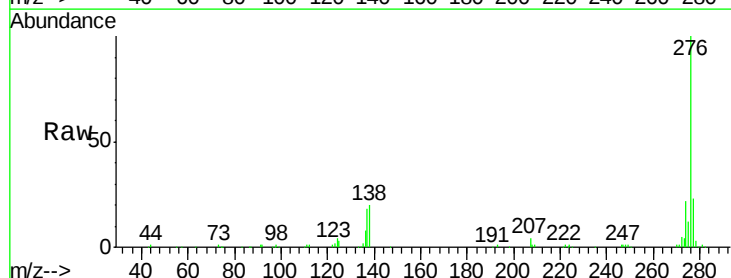


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 19.66 ng
RT: 17.17 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion:276 Resp: 230786
Ion Ratio Lower Upper
276 100
277 22.9 18.6 27.8
138 20.0 13.3 19.9#



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

