

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085775.D
 Acq On : 25 Mar 2016 21:44
 Operator : UM/SJ
 Sample : H1855-11 2X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Mar 25 21:55:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

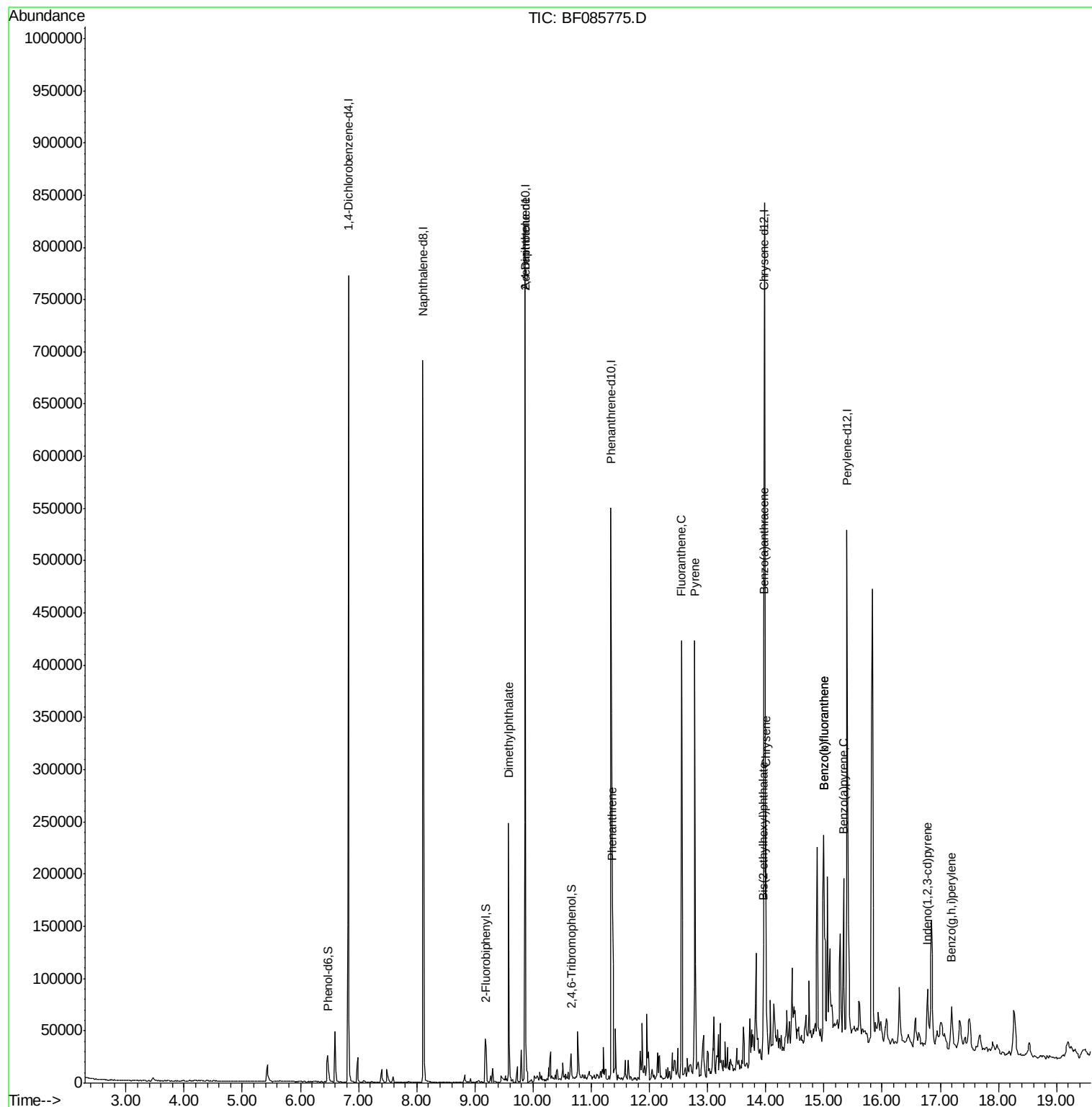
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	115909	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	402143	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	164684	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	251814	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	241692	20.00	ng	0.00
86) Perylene-d12	15.40	264	207154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	10948	1.57	ng	0.02
7) Phenol-d6	6.47	99	18916	2.14	ng	0.01
23) Nitrobenzene-d5	7.40	82	8658	1.21	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	3134	2.00	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	20262	2.06	ng	0.00
78) Terphenyl-d14	12.93	244	15486	1.32	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.82	142	1676	Below Cal		Qvalue 97
49) Dimethylphthalate	9.58	163	89565	7.17 ng		99
56) 2,4-Dinitrotoluene	9.86	165	20323	5.95 ng	#	36
70) Phenanthrene	11.36	178	77915	6.03 ng		99
74) Fluoranthene	12.55	202	176385	12.83 ng		96
77) Pyrene	12.78	202	170768	8.60 ng		99
80) Benzo(a)anthracene	13.97	228	74817	5.43 ng		97
82) Chrysene	14.00	228	69177	4.98 ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	21451	2.15 ng		98
85) Indeno(1,2,3-cd)pyrene	16.78	276	32282	3.01 ng		94
87) Benzo(b)fluoranthene	15.00	252	139279	10.67 ng		99
88) Benzo(k)fluoranthene	15.00	252	139279	11.84 ng	#	98
89) Benzo(a)pyrene	15.34	252	65944	5.69 ng		97
91) Benzo(g,h,i)perylene	17.19	276	32222	2.96 ng		96

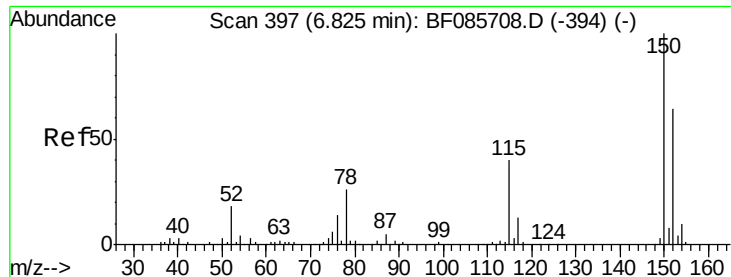
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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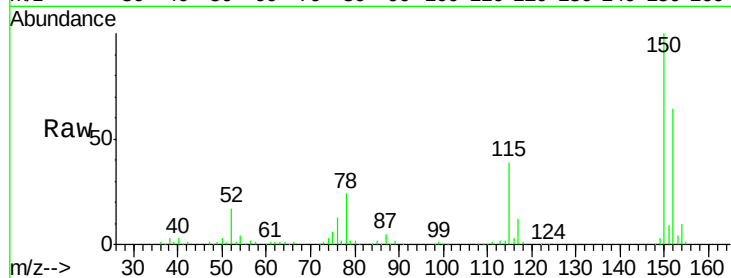


#1

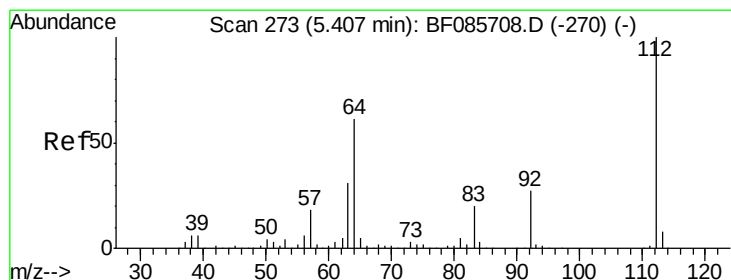
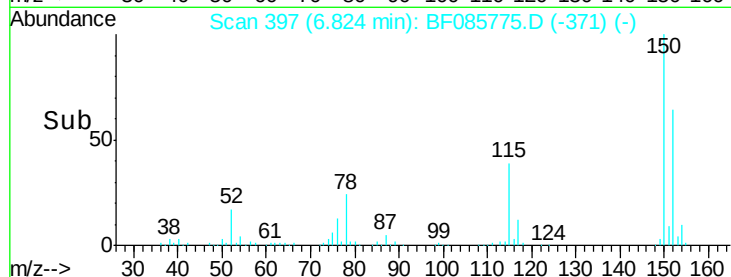
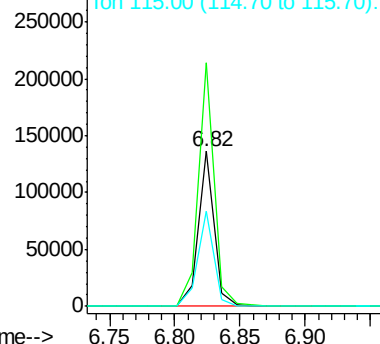
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:152 Resp: 115909
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 61.7 47.0 70.6



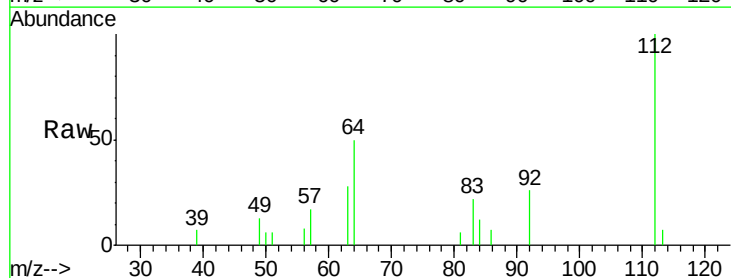
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



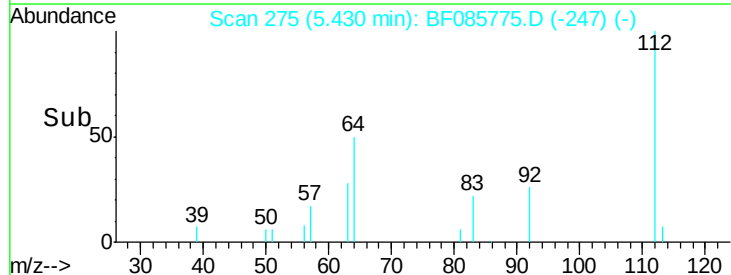
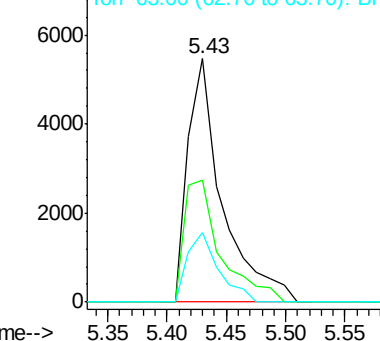
#5

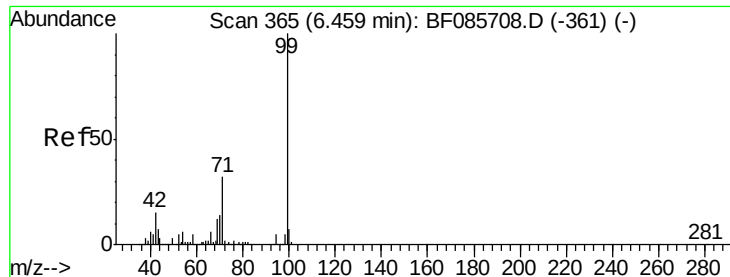
2-Fluorophenol
Concen: 1.57 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Tgt Ion:112 Resp: 10948
Ion Ratio Lower Upper
112 100
64 50.3 39.9 59.9
63 28.4 20.2 30.2



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: 2.14 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085775.D

Acq: 25 Mar 2016 21:44

Instrument :

BNA_F

ClientSampled :

SB-7

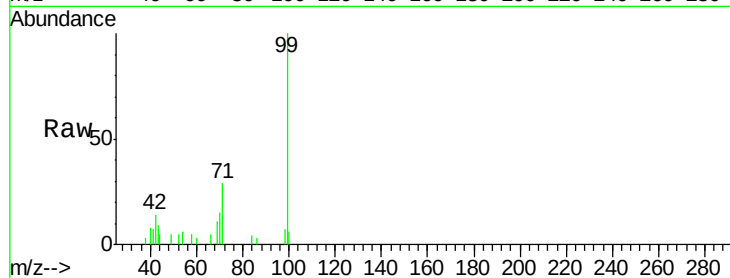
Tgt Ion: 99 Resp: 18916

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

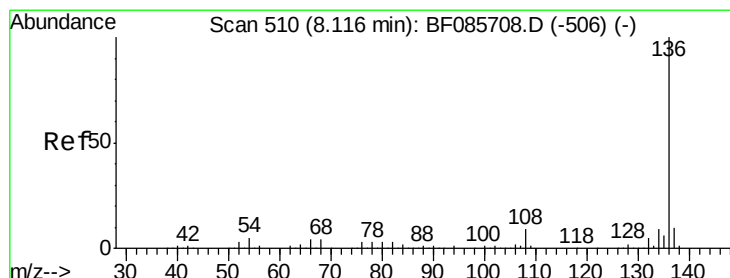
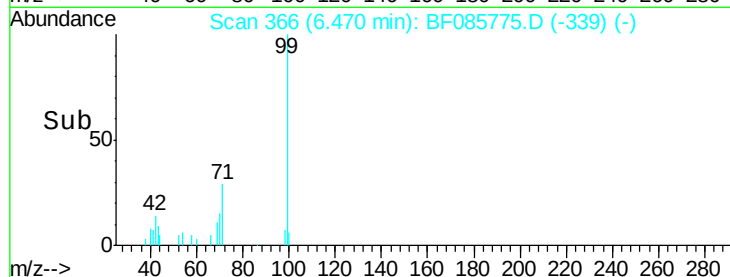
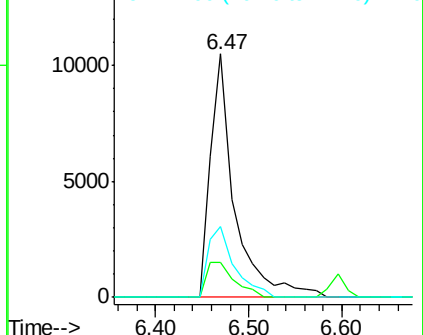
71 29.1 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085775.D

Acq: 25 Mar 2016 21:44

Tgt Ion: 136 Resp: 402143

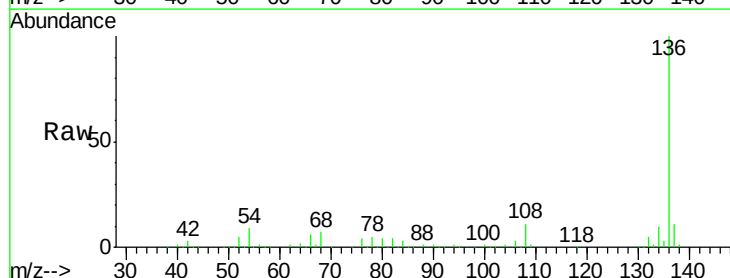
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.4 7.4 11.0

68 7.3 5.8 8.8

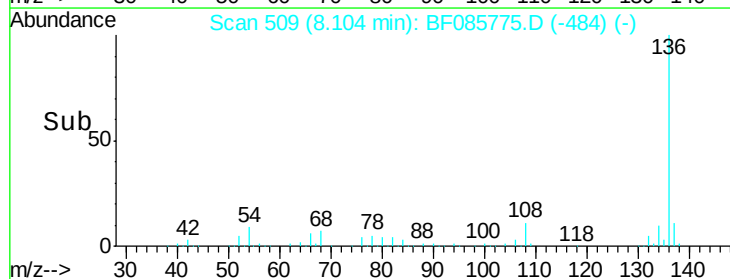
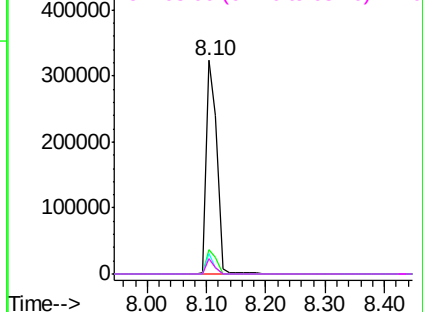


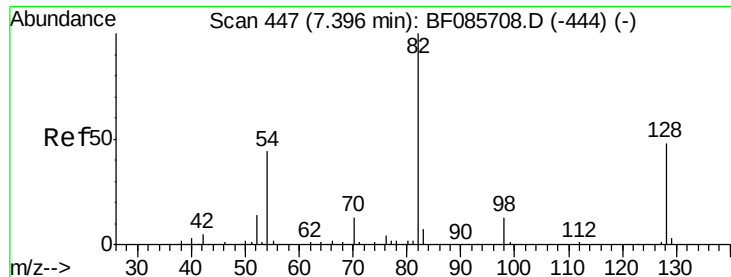
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

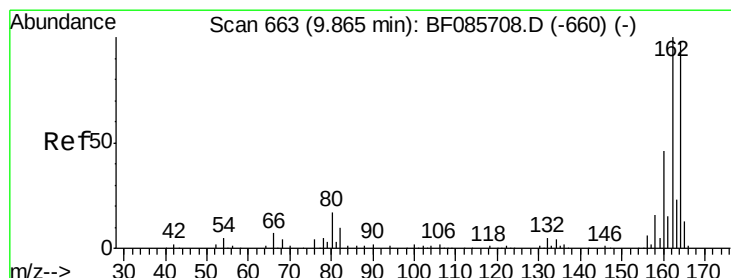
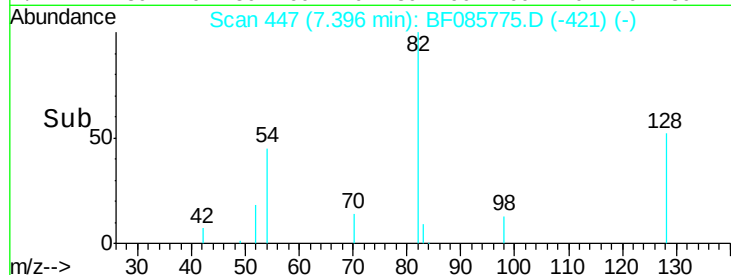
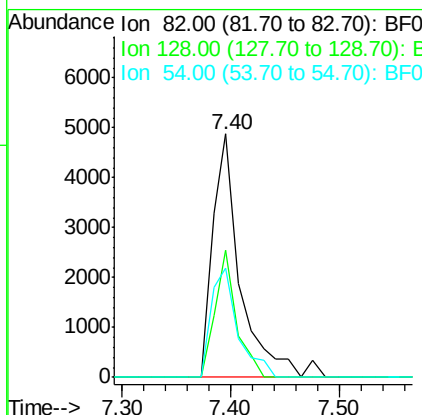
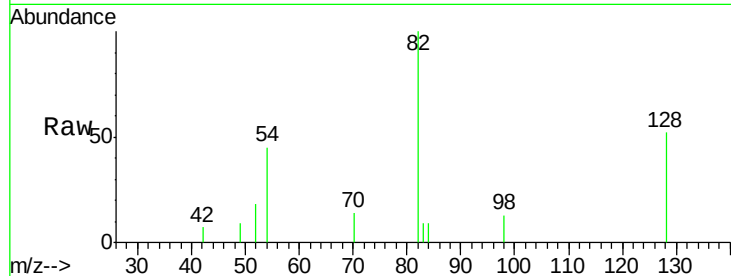




#23
 Nitrobenzene-d5
 Concen: 1.21 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085775.D
 Acq: 25 Mar 2016 21:44

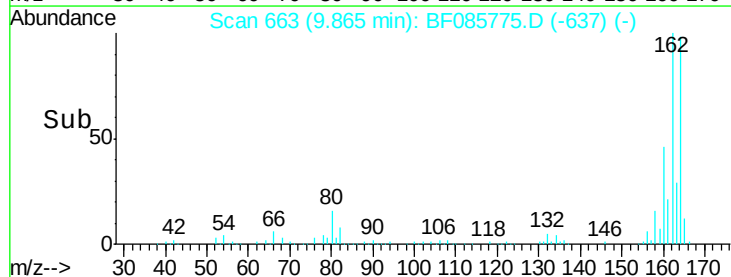
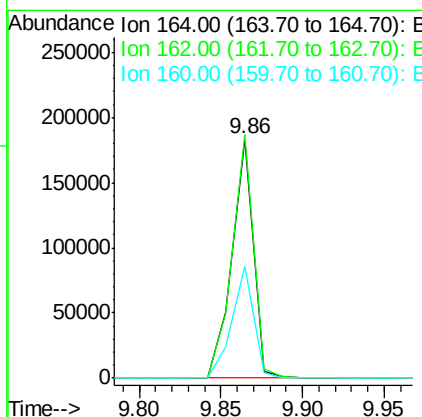
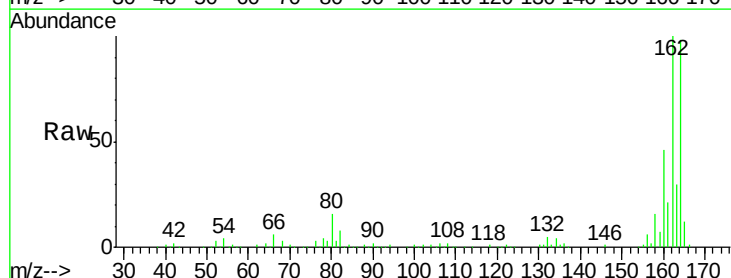
Instrument :
 BNA_F
 ClientSampled :
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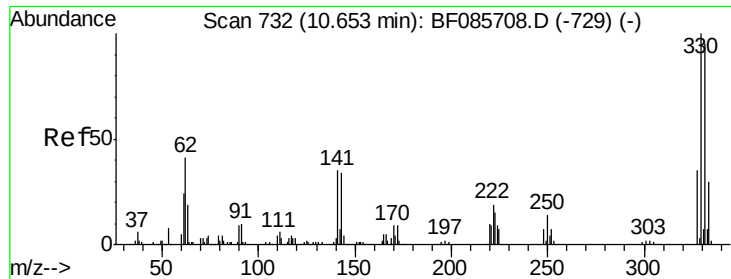
Tgt Ion: 82 Resp: 8658
 Ion Ratio Lower Upper
 82 100
 128 52.0 41.8 62.8
 54 44.7 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085775.D
 Acq: 25 Mar 2016 21:44

Tgt Ion: 164 Resp: 164684
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.1 123.1
 160 46.8 37.4 56.2

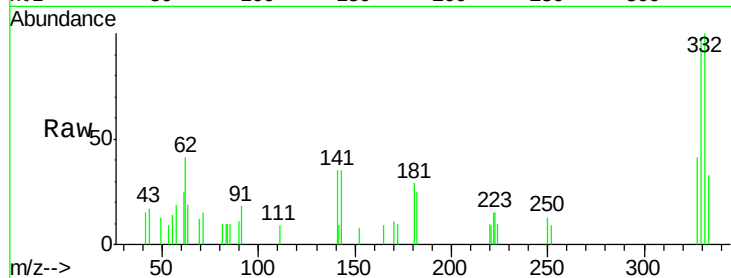




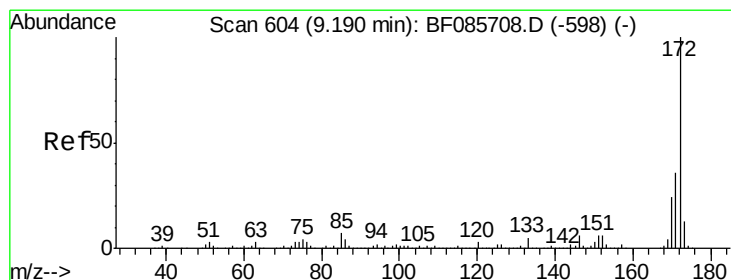
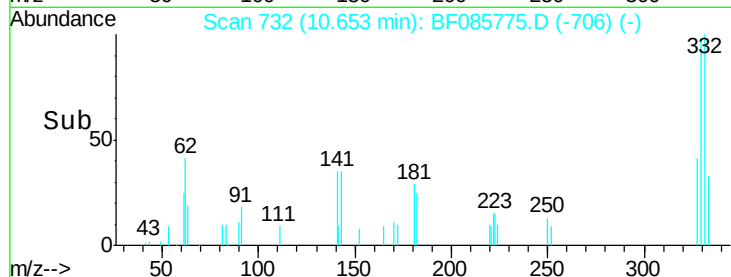
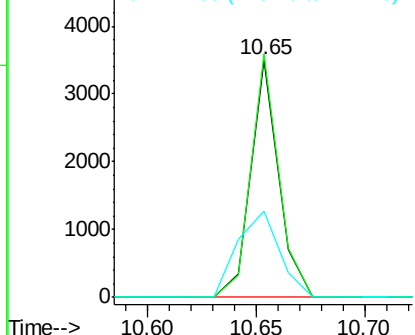
#41
 2,4,6-Tribromophenol
 Concen: 2.00 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085775.D
 Acq: 25 Mar 2016 21:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tgt Ion:330 Resp: 3134
 Ion Ratio Lower Upper
 330 100
 332 101.7 78.2 117.2
 141 54.6 31.5 47.3#

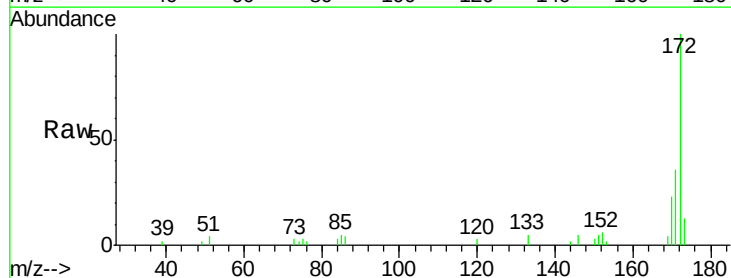


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

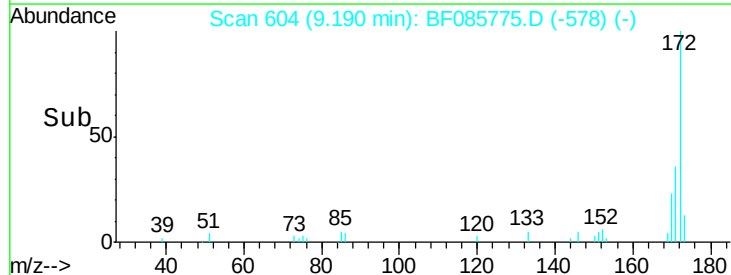
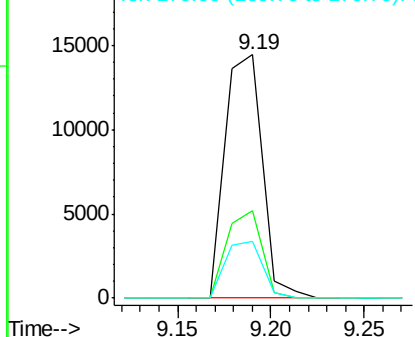


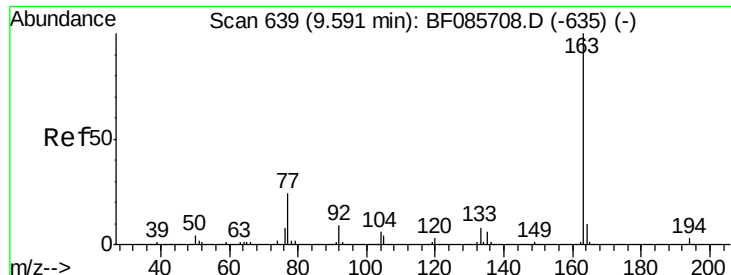
#44
 2-Fluorobiphenyl
 Concen: 2.06 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085775.D
 Acq: 25 Mar 2016 21:44

Tgt Ion:172 Resp: 20262
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 23.1 19.8 29.6



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

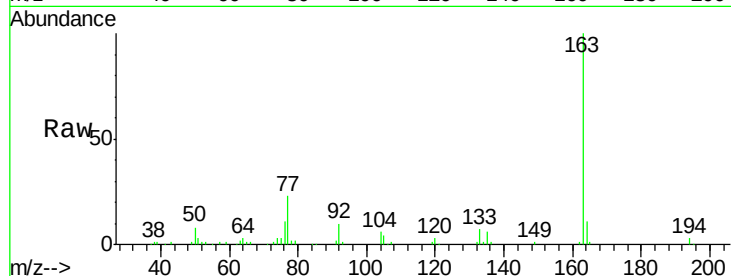




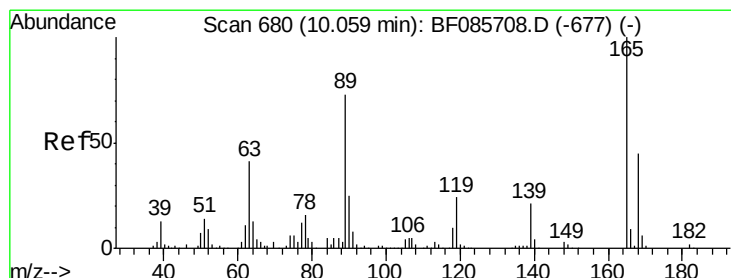
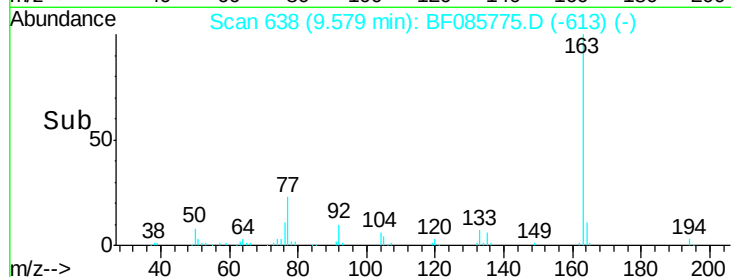
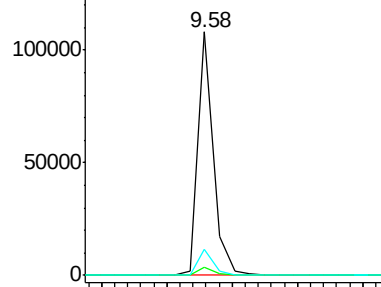
#49
Dimethylphthalate
Concen: 7.17 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Instrument :
BNA_F
ClientSampled :
SB-7

Tgt Ion:163 Resp: 89565
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.5 8.3 12.5

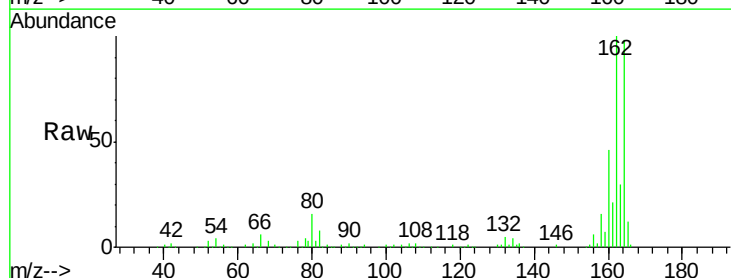


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

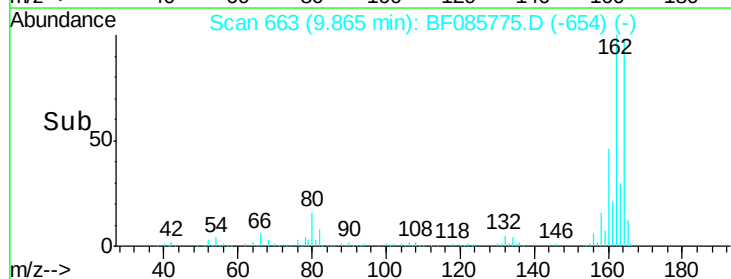
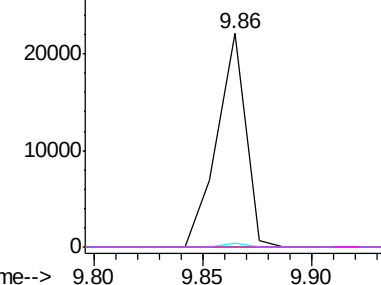


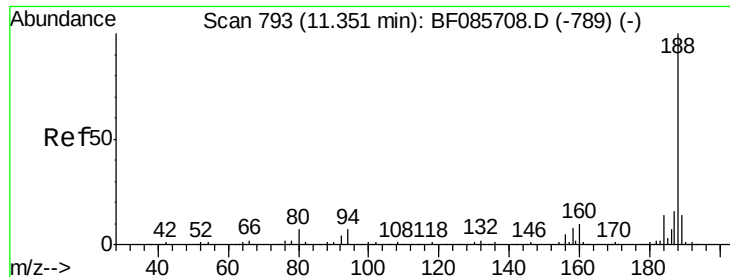
#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Tgt Ion:165 Resp: 20323
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 2.0 41.0 61.6#
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): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

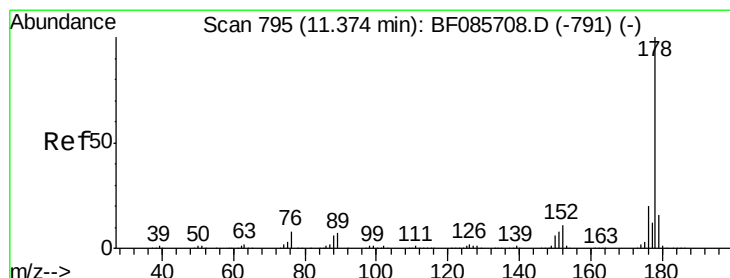
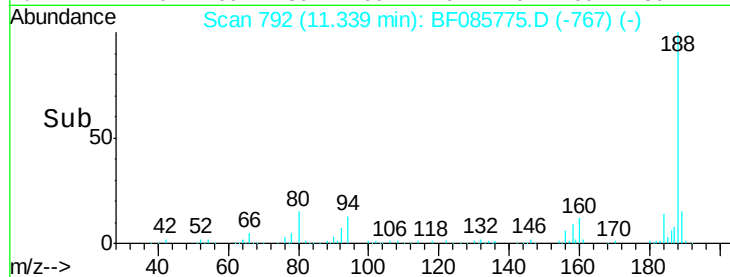
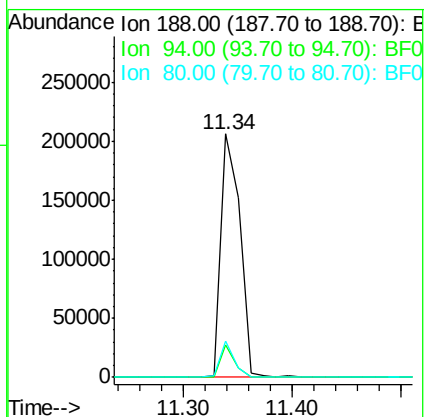
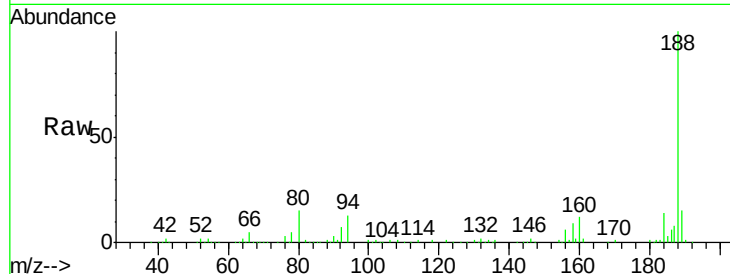




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

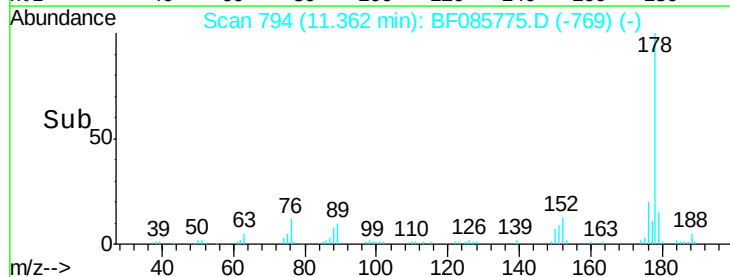
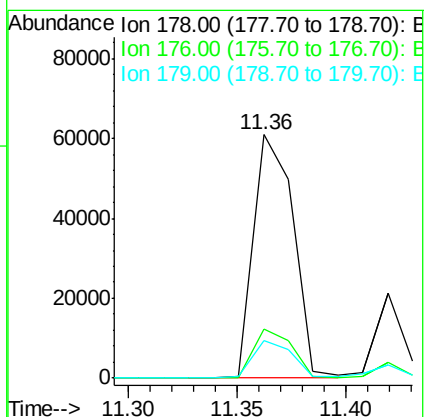
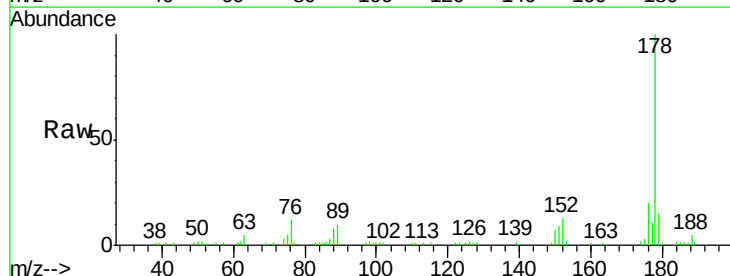
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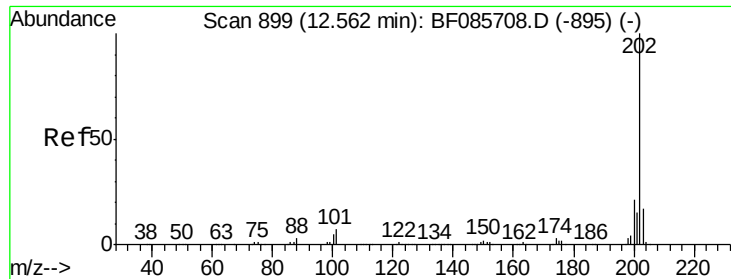
Tgt Ion:188 Resp: 251814
Ion Ratio Lower Upper
188 100
94 13.4 5.4 8.0#
80 14.7 5.5 8.3#



#70
Phenanthrene
Concen: 6.03 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Tgt Ion:178 Resp: 77915
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 15.4 12.6 18.8





#74

Fluoranthene

Concen: 12.83 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085775.D

Acq: 25 Mar 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SB-7

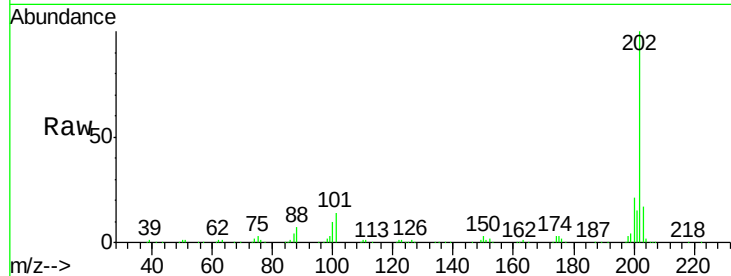
Tgt Ion: 202 Resp: 176385

Ion Ratio Lower Upper

202 100

101 14.0 0.0 36.6

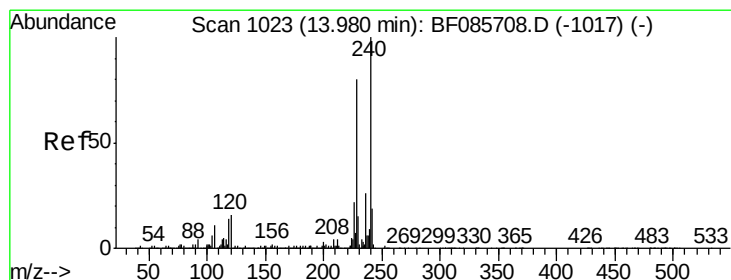
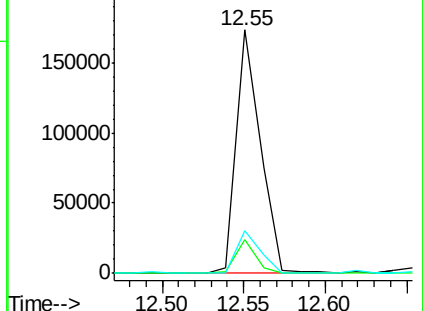
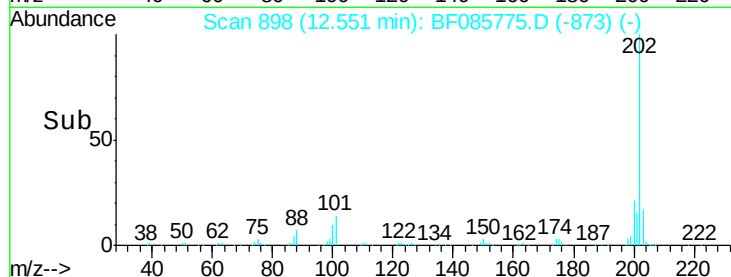
203 17.5 0.0 38.1



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: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085775.D

Acq: 25 Mar 2016 21:44

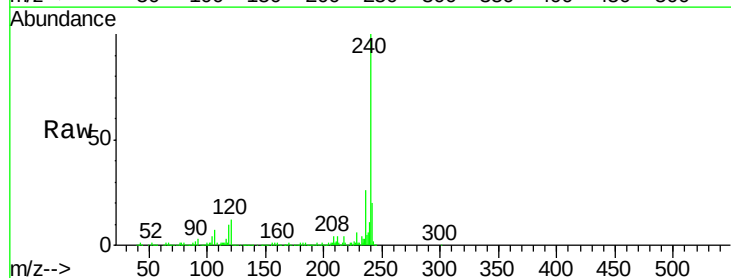
Tgt Ion: 240 Resp: 241692

Ion Ratio Lower Upper

240 100

120 12.3 13.8 20.8#

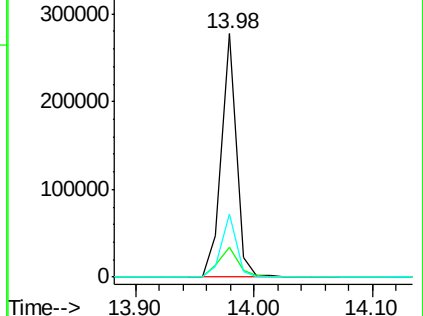
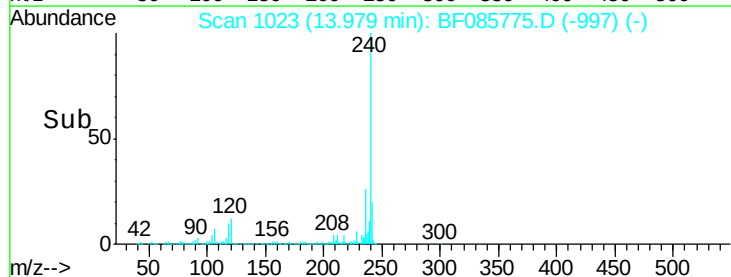
236 26.1 20.6 30.8

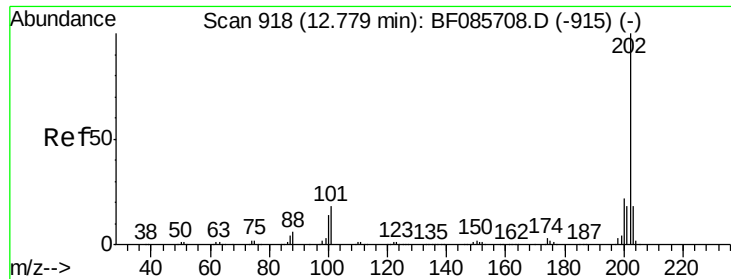


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

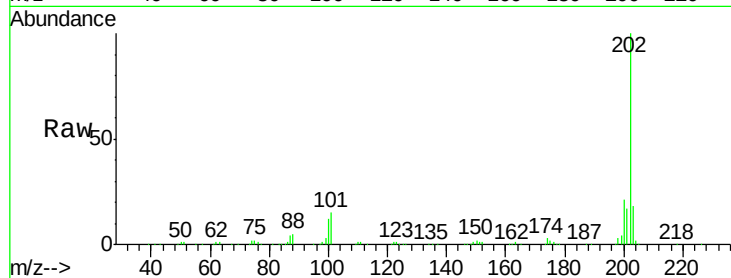




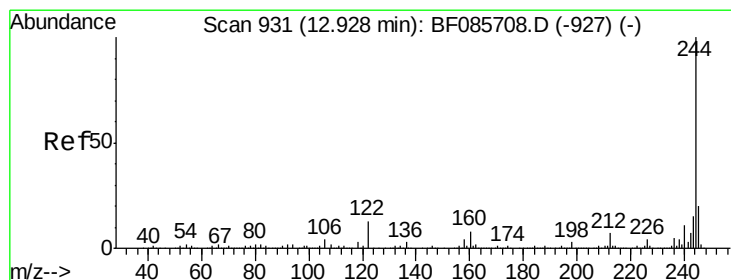
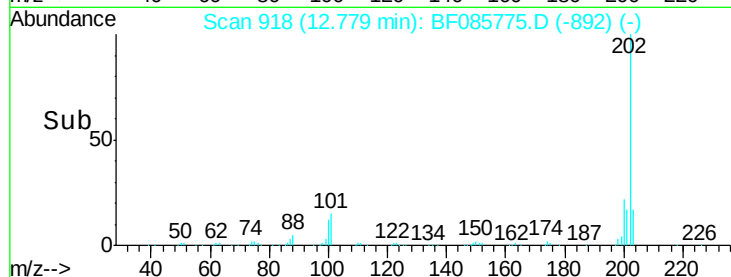
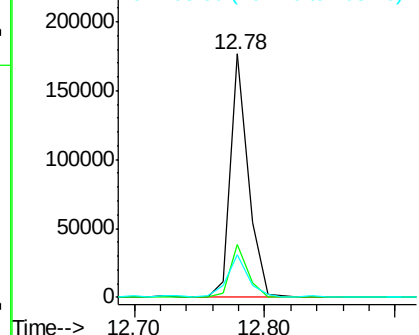
#77
Pyrene
Concen: 8.60 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion: 202 Resp: 170768
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.6 14.0 21.0

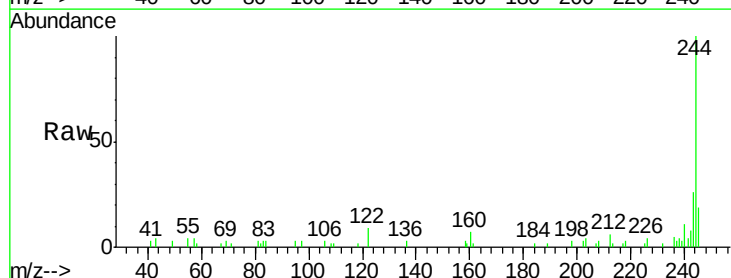


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

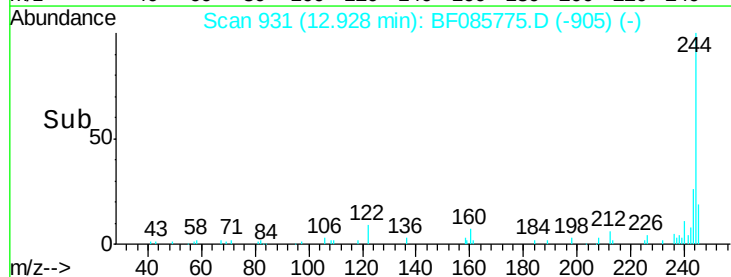
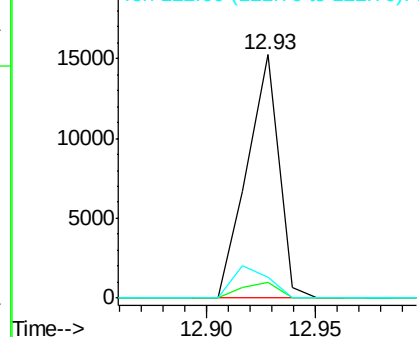


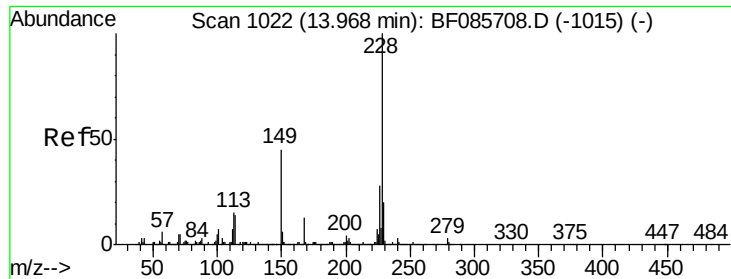
#78
Terphenyl-d14
Concen: 1.32 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Tgt Ion: 244 Resp: 15486
Ion Ratio Lower Upper
244 100
212 6.4 6.1 9.1
122 8.7 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 5.43 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085775.D

Acq: 25 Mar 2016 21:44

Instrument :

BNA_F

ClientSampleId :

SB-7

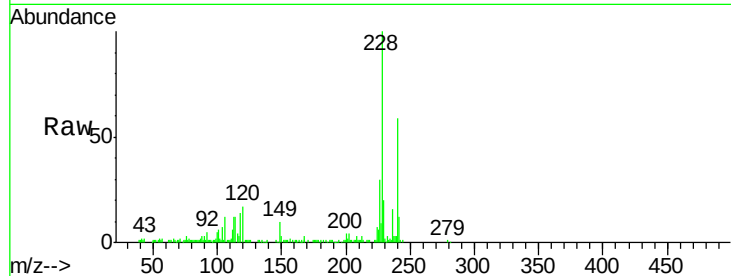
Tgt Ion:228 Resp: 74817

Ion Ratio Lower Upper

228 100

226 30.1 22.1 33.1

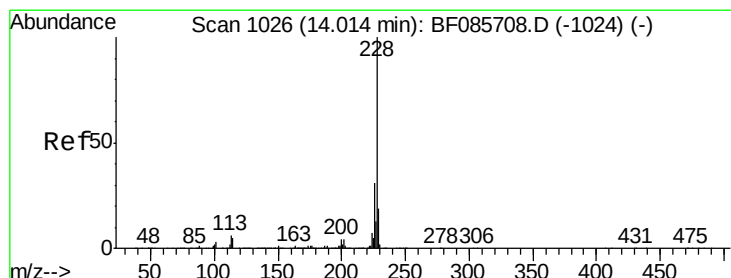
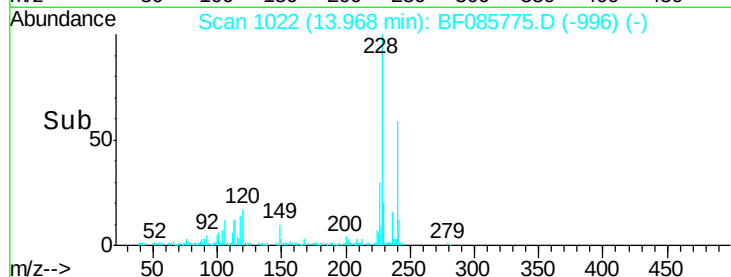
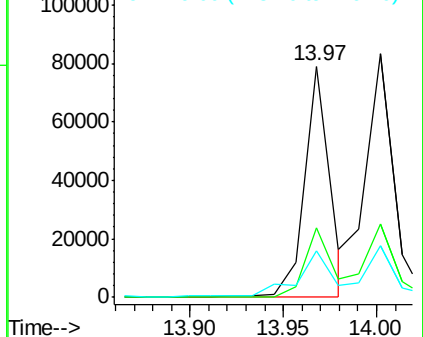
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 4.98 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085775.D

Acq: 25 Mar 2016 21:44

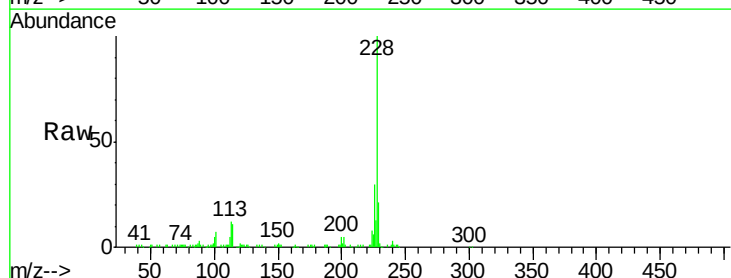
Tgt Ion:228 Resp: 69177

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

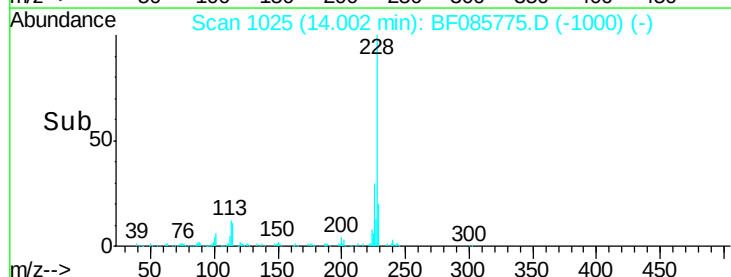
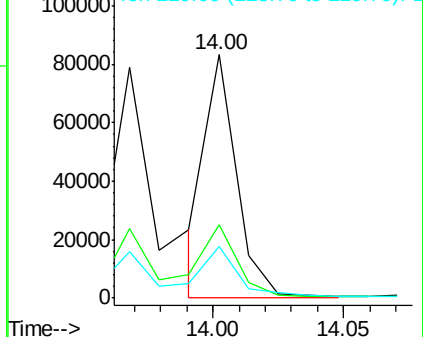
229 21.3 15.7 23.5

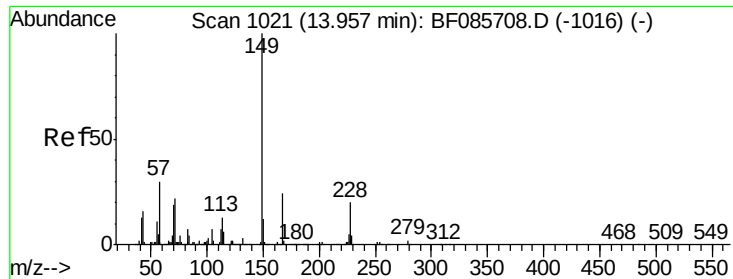


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

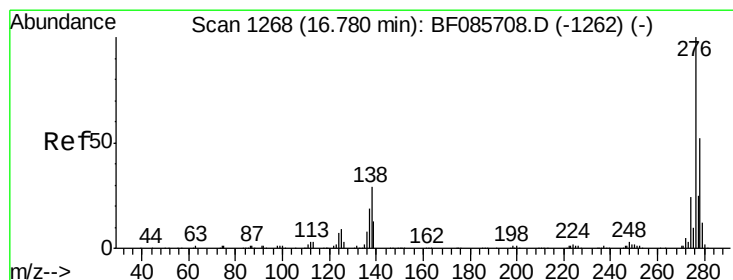
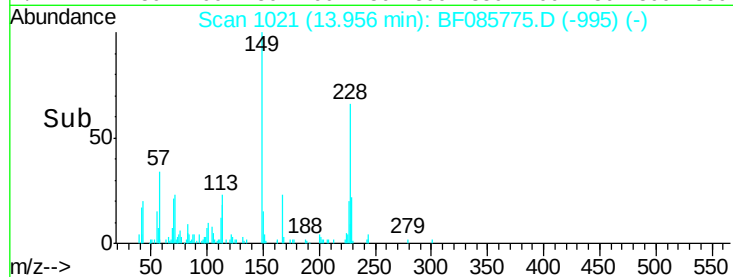
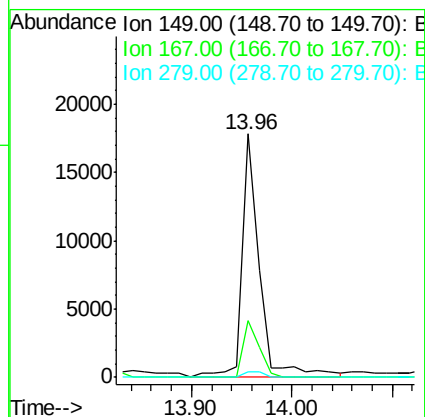
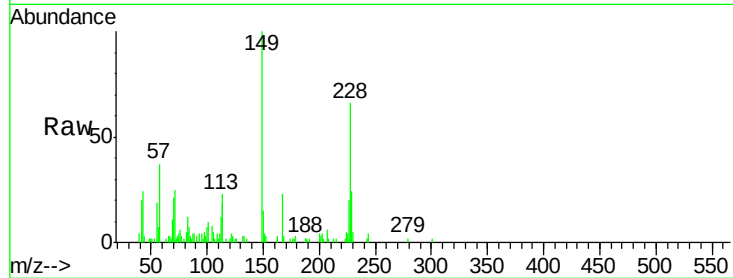




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.15 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085775.D
 Acq: 25 Mar 2016 21:44

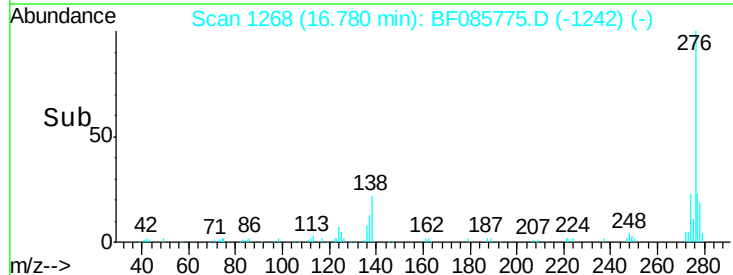
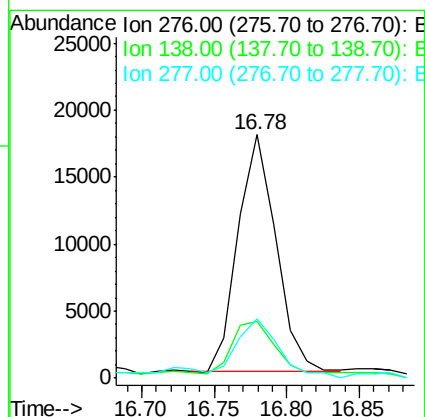
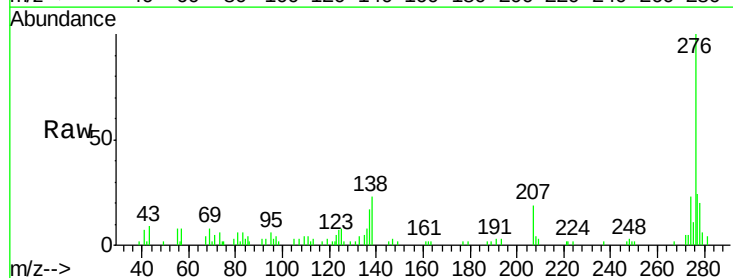
Instrument :
 BNA_F
 ClientSampleId :
 SB-7

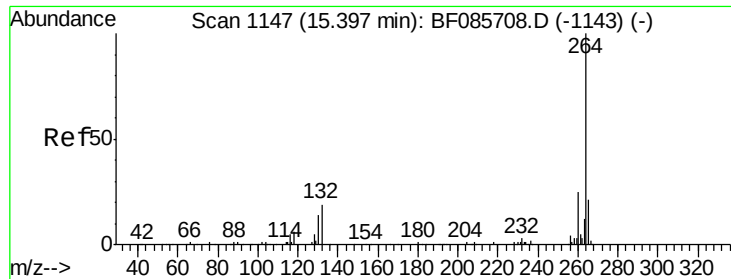
Tgt Ion:149 Resp: 21451
 Ion Ratio Lower Upper
 149 100
 167 23.4 19.4 29.2
 279 2.2 1.5 2.3



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.01 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085775.D
 Acq: 25 Mar 2016 21:44

Tgt Ion:276 Resp: 32282
 Ion Ratio Lower Upper
 276 100
 138 26.3 24.2 36.4
 277 27.6 20.0 30.0

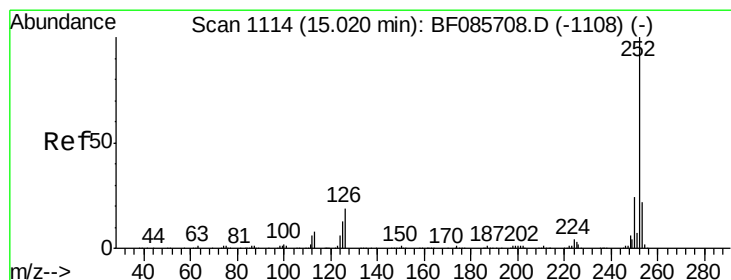
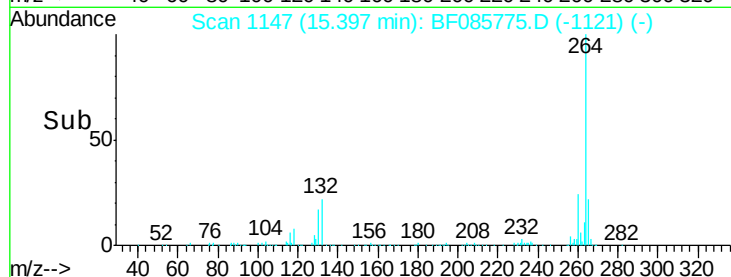
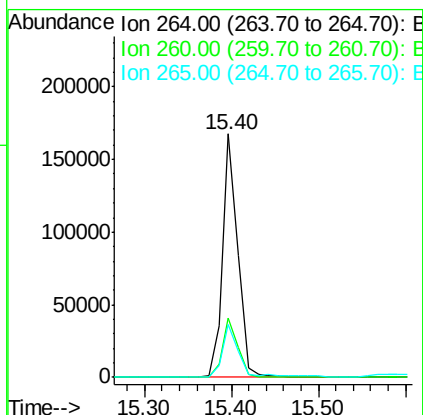
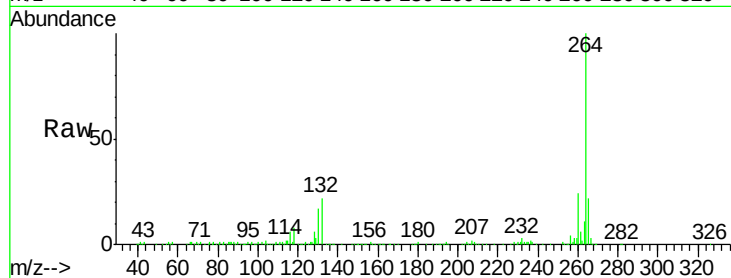




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

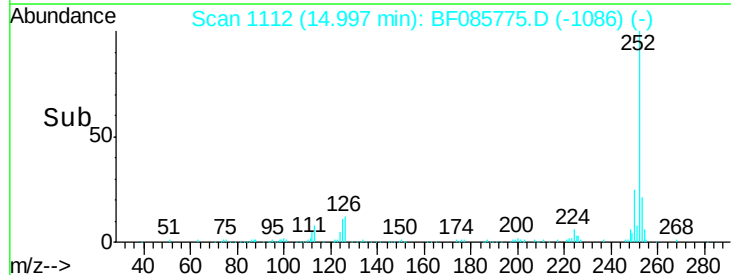
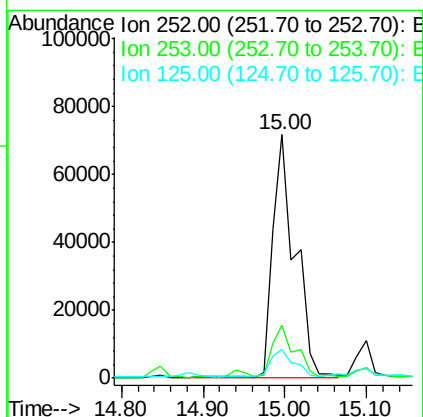
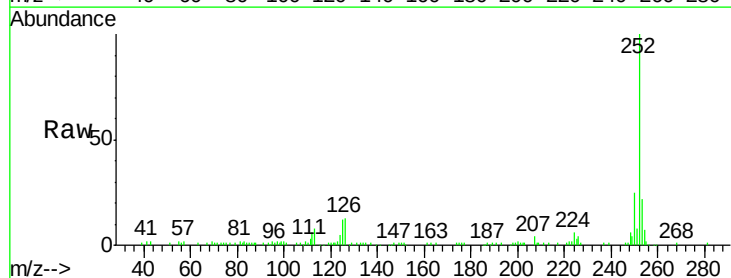
Instrument :
BNA_F
ClientSampleId :
SB-7

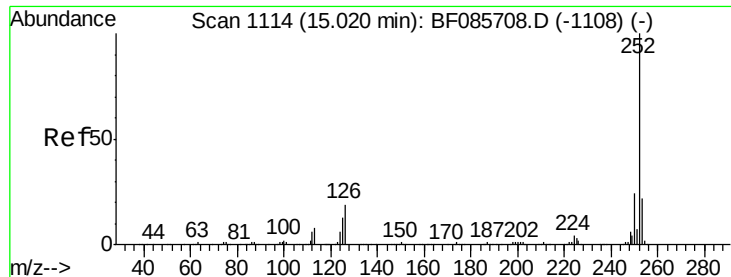
Tgt Ion:264 Resp: 207154
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 10.67 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Tgt Ion:252 Resp: 139279
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.7 10.3 15.5

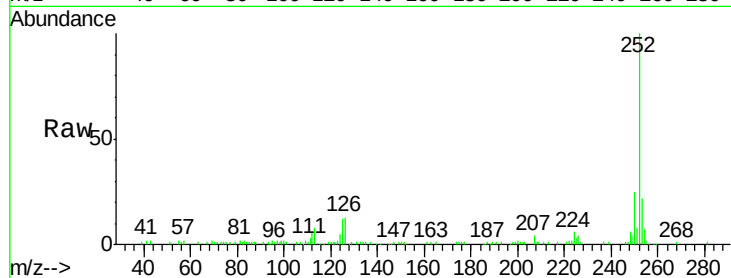




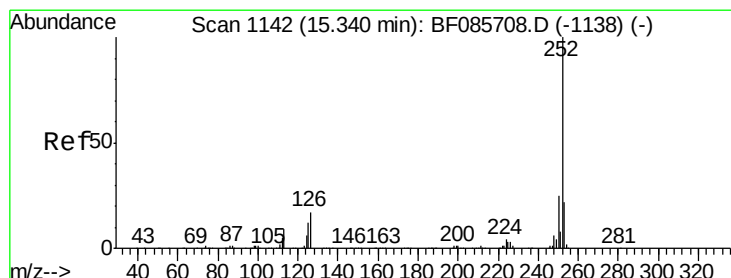
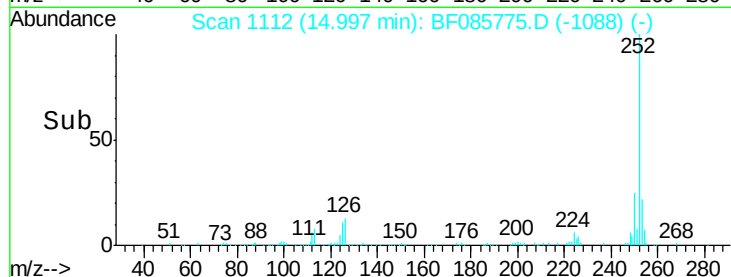
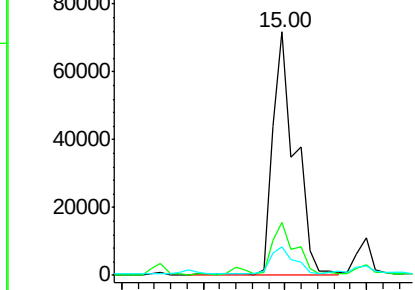
#88
Benzo(k)fluoranthene
Concen: 11.84 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:252 Resp: 139279
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.7 7.7 11.5#

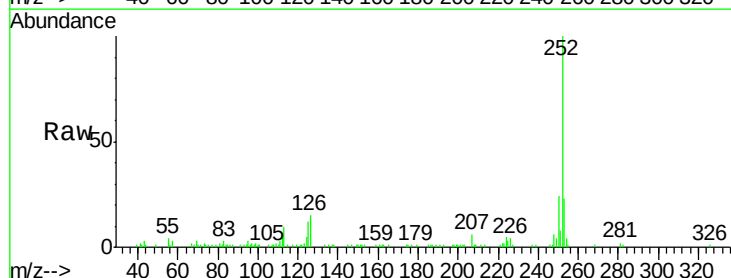


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

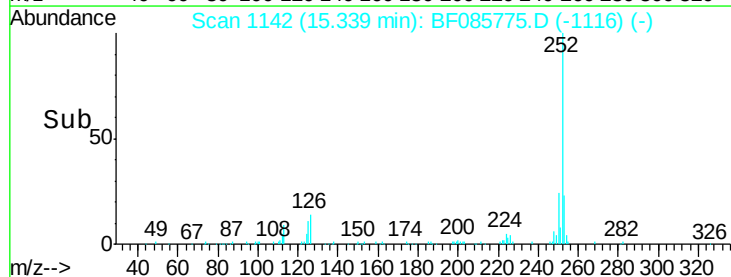
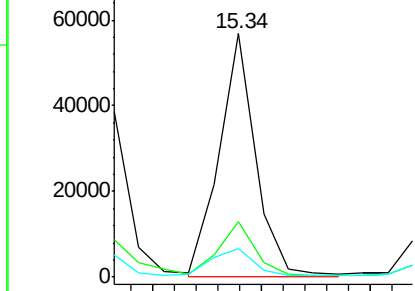


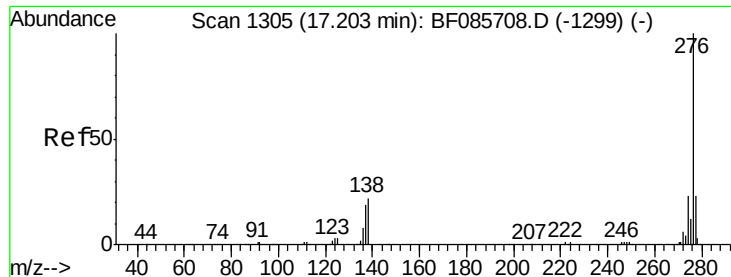
#89
Benzo(a)pyrene
Concen: 5.69 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085775.D
Acq: 25 Mar 2016 21:44

Tgt Ion:252 Resp: 65944
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.9 10.3 15.5



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

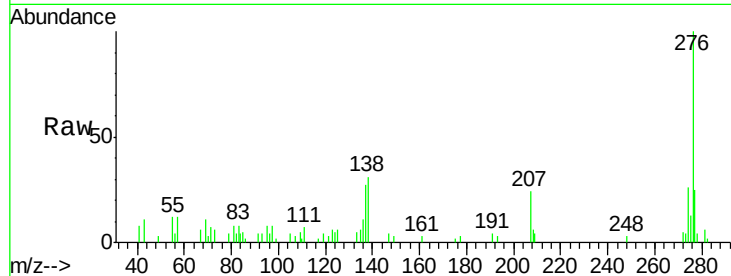




#91
 Benzo(g,h,i)perylene
 Concen: 2.96 ng
 RT: 17.19 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF085775.D
 Acq: 25 Mar 2016 21:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	31.4	22.6	34.0



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

