

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083798.D
 Acq On : 15 Dec 2015 4:57
 Operator : UM/IZ
 Sample : G4779-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Dec 15 06:33:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

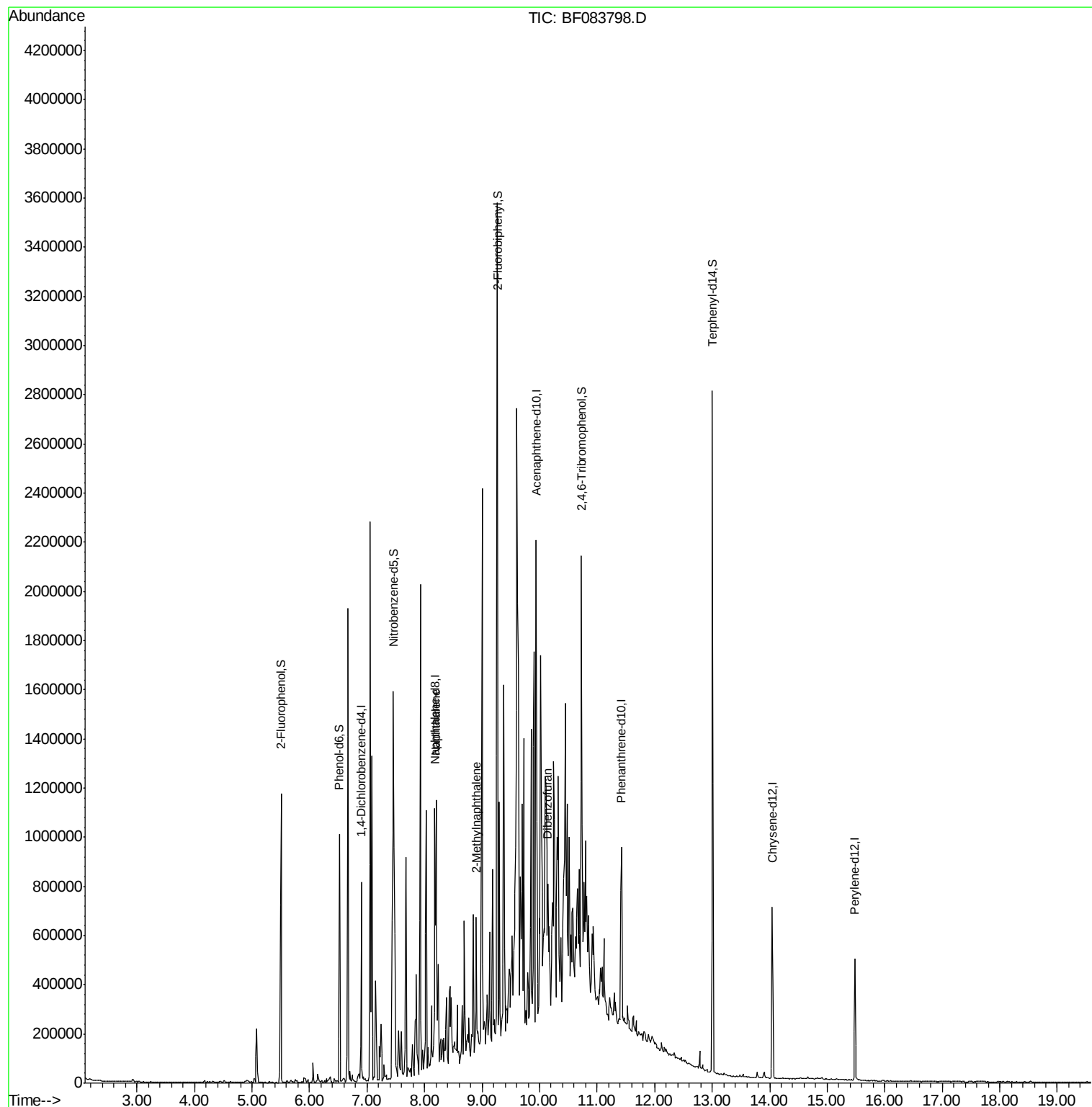
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	114654	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	397156	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	179018	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	356827	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	278752	20.00	ng	-0.03
86) Perylene-d12	15.48	264	216266	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	409721	57.65	ng	-0.02
7) Phenol-d6	6.52	99	327768	36.42	ng	-0.02
23) Nitrobenzene-d5	7.46	82	554830	78.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	262029	143.64	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1098900	92.43	ng	-0.02
78) Terphenyl-d14	13.00	244	1025330	79.12	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.20	128	476408	23.01	ng	98
37) 2-Methylnaphthalene	8.90	142	123362	9.49	ng	97
54) Dibenzofuran	10.14	168	31797	2.01	ng	# 86

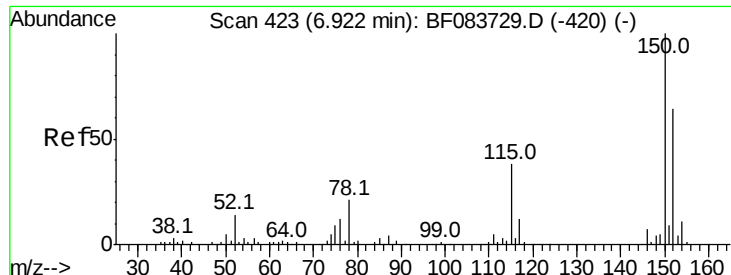
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083798.D

Acq: 15 Dec 2015 4:57

Instrument :

BNA_F

ClientSampled :

W-38

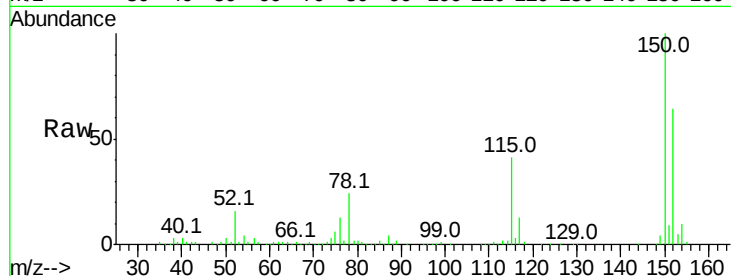
Tot Ion:152 Resp: 114654

Ion Ratio Lower Upper

152 100

150 155.1 126.5 189.7

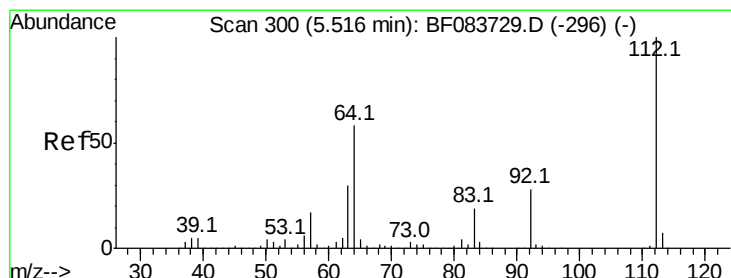
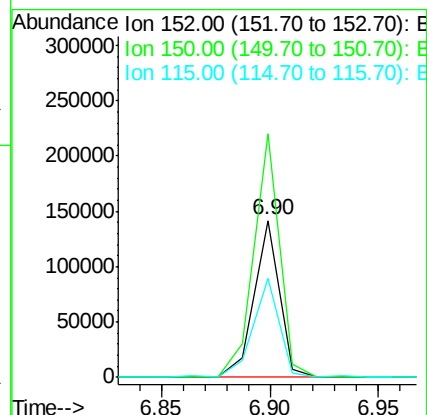
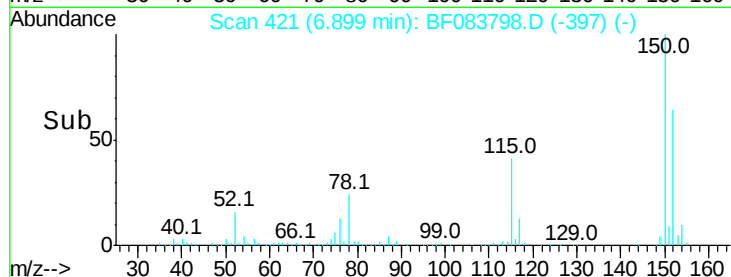
115 63.2 52.3 78.5



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: 57.65 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083798.D

Acq: 15 Dec 2015 4:57

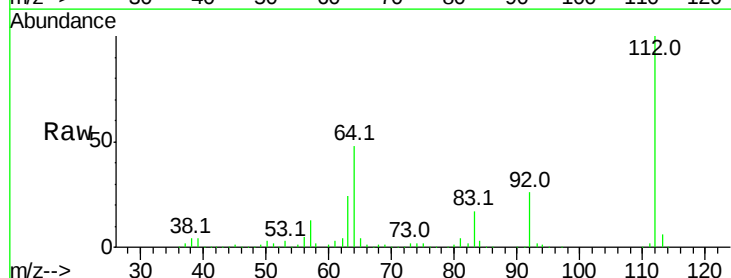
Tgt Ion:112 Resp: 409721

Ion Ratio Lower Upper

112 100

64 47.8 50.5 75.7#

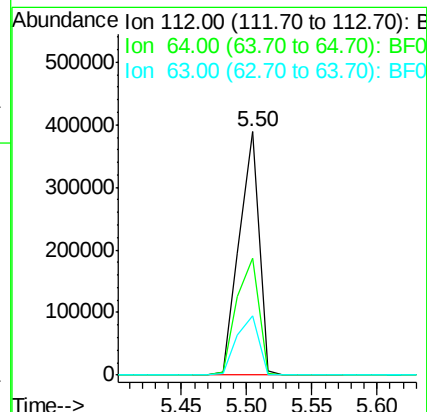
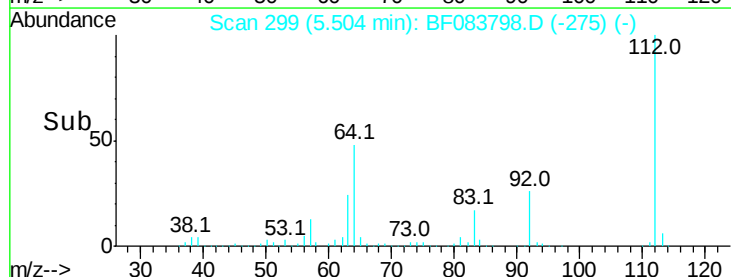
63 24.2 25.8 38.6#

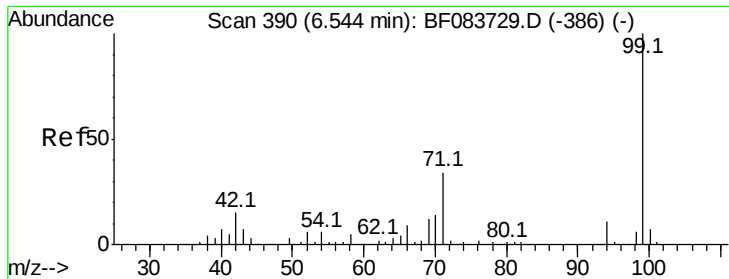


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.42 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083798.D

Acq: 15 Dec 2015 4:57

Instrument :

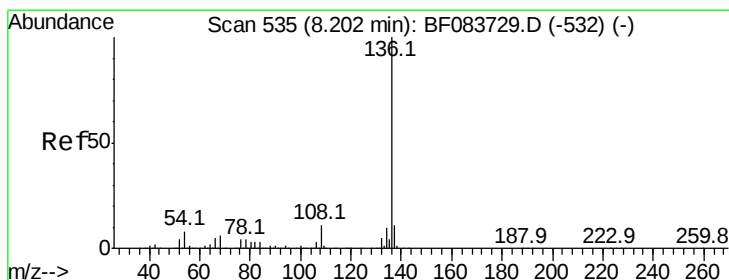
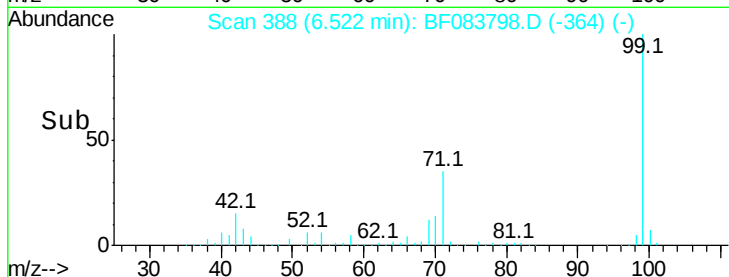
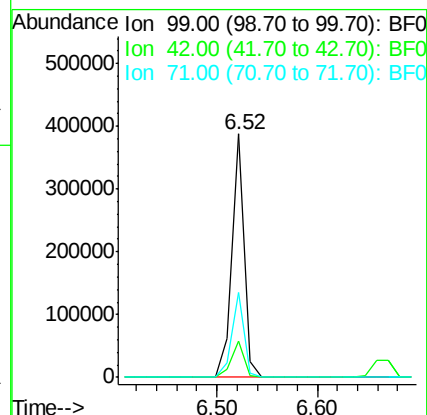
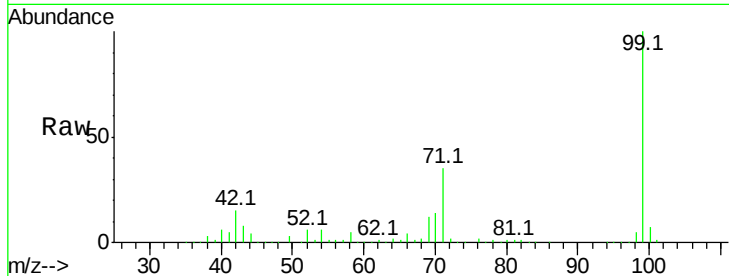
BNA_F

ClientSampleId :

W-38

Tot Ion: 99 Resp: 327768

Ion	Ratio	Lower	Upper
99	100		
42	15.1	17.3	25.9#
71	34.8	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

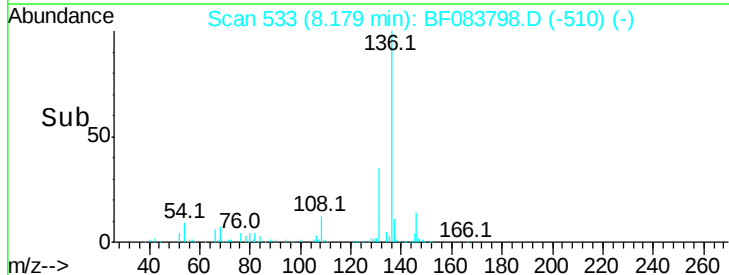
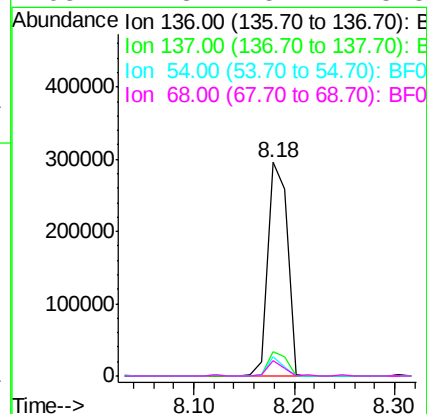
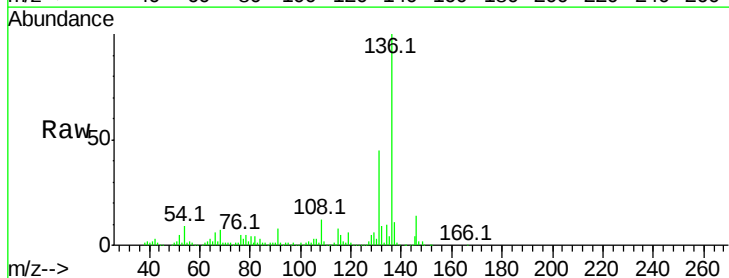
Delta R.T. -0.03 min

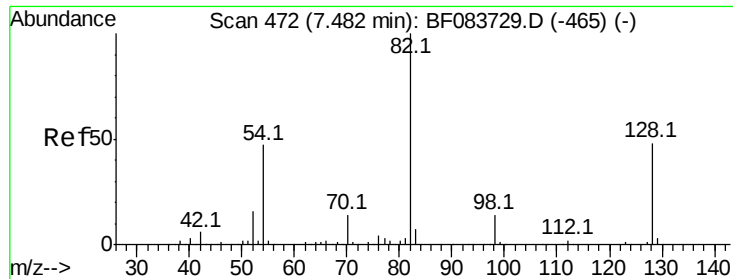
Lab File: BF083798.D

Acq: 15 Dec 2015 4:57

Tgt Ion: 136 Resp: 397156

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.9	7.8	11.6
68	7.3	5.7	8.5

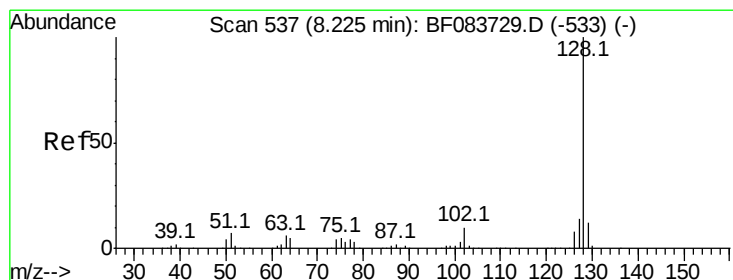
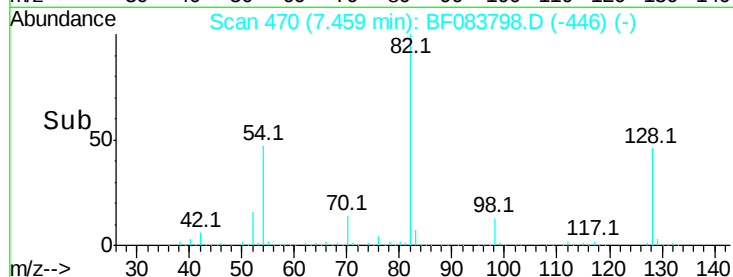
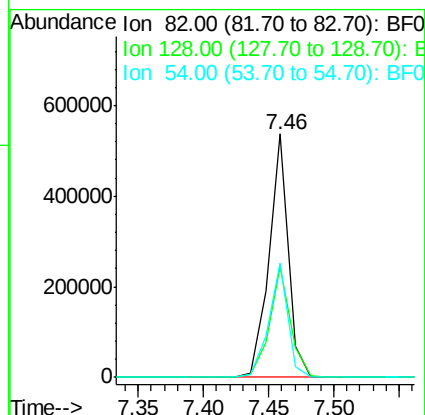
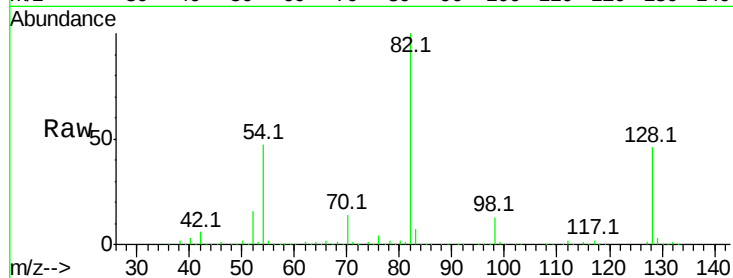




#23
Nitrobenzene-d5
Concen: 78.16 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083798.D
Acq: 15 Dec 2015 4:57

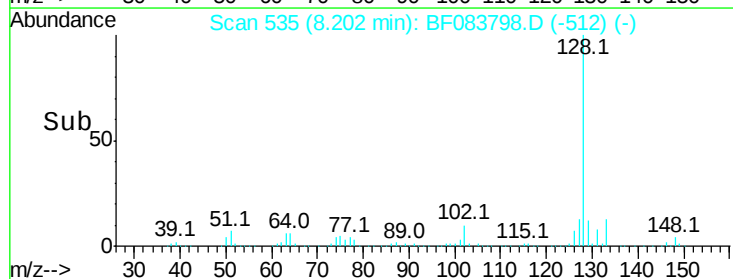
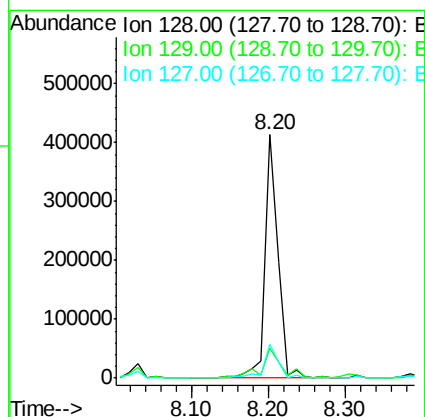
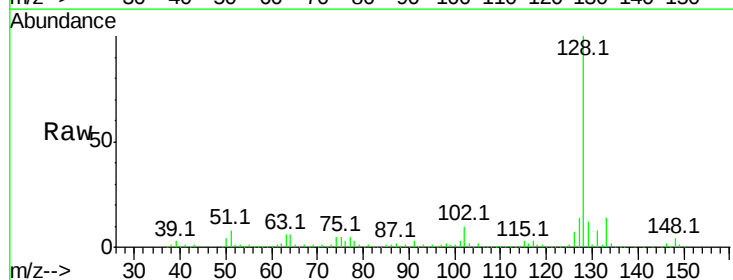
Instrument :
BNA_F
ClientSampleId :
W-38

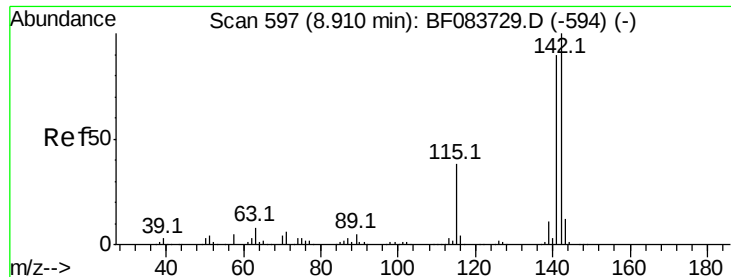
Tot Ion: 82 Resp: 554830
Ion Ratio Lower Upper
82 100
128 45.6 30.7 46.1
54 47.1 42.5 63.7



#31
Naphthalene
Concen: 23.01 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF083798.D
Acq: 15 Dec 2015 4:57

Tgt Ion: 128 Resp: 476408
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 13.7 10.6 16.0

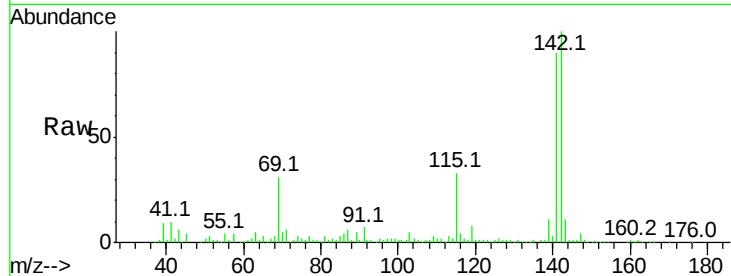




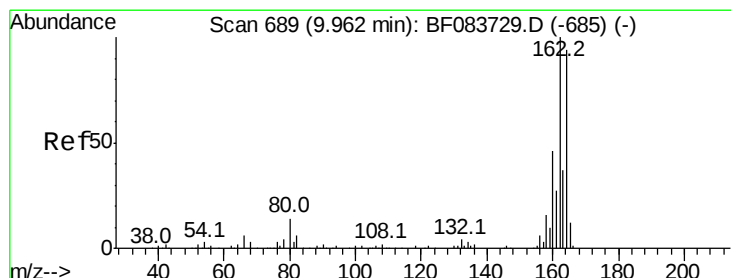
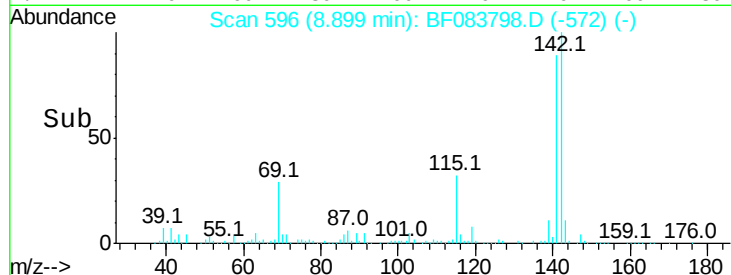
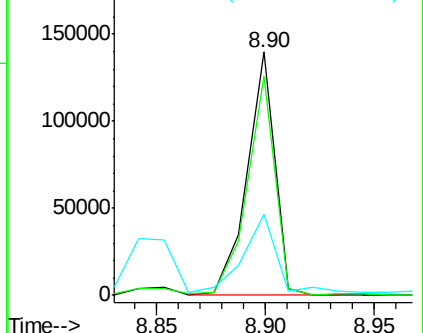
#37
2-Methylnaphthalene
Concen: 9.49 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083798.D
Acq: 15 Dec 2015 4:57

Instrument :
BNA_F
ClientSampleId :
W-38

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	33.4	29.2	43.8

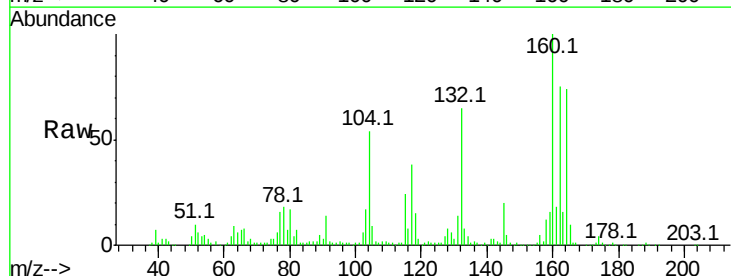


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

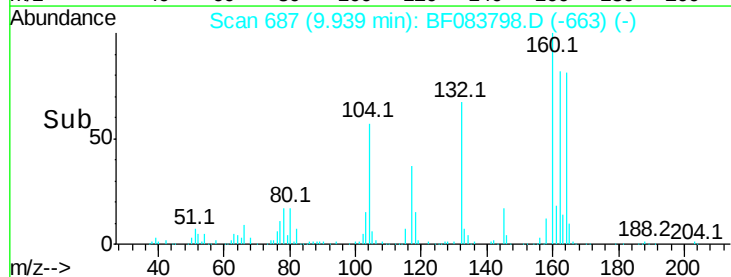
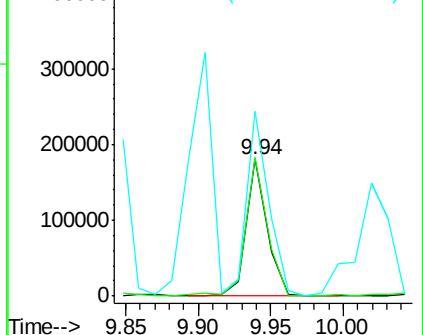


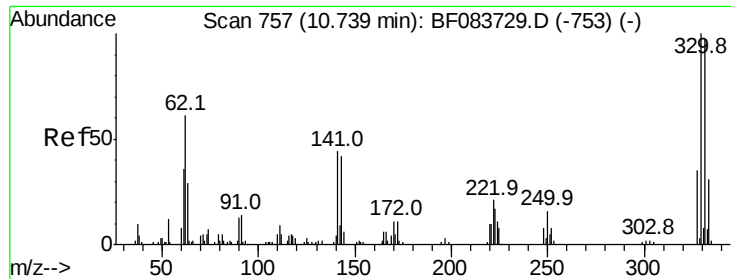
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083798.D
Acq: 15 Dec 2015 4:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	135.2	33.4	50.2#



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

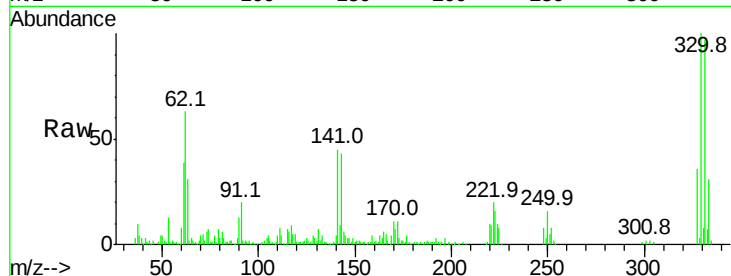




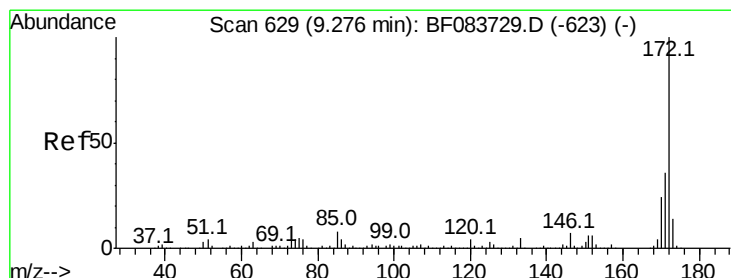
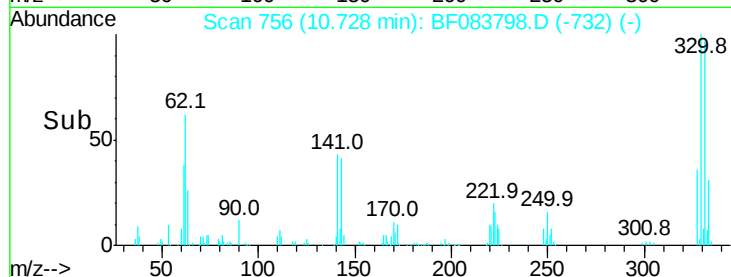
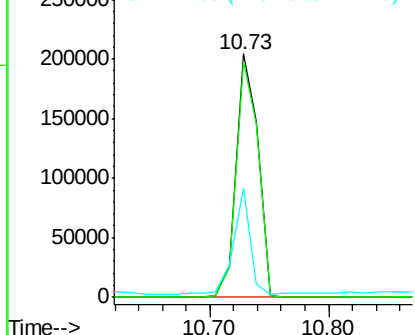
#41
 2,4,6-Tribromophenol
 Concen: 143.64 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083798.D
 Acq: 15 Dec 2015 4:57

Instrument :
 BNA_F
 ClientSampled :
 W-38

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	32.3	0.0	0.0#

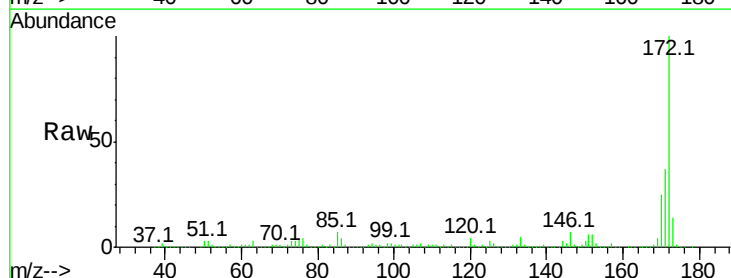


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

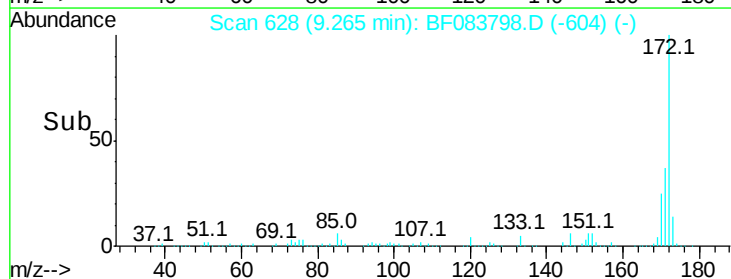
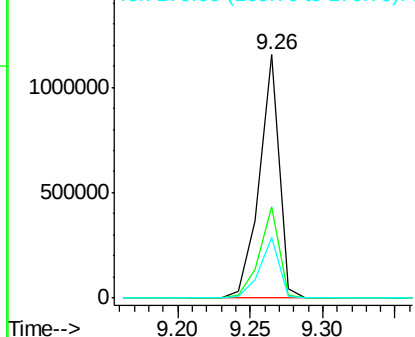


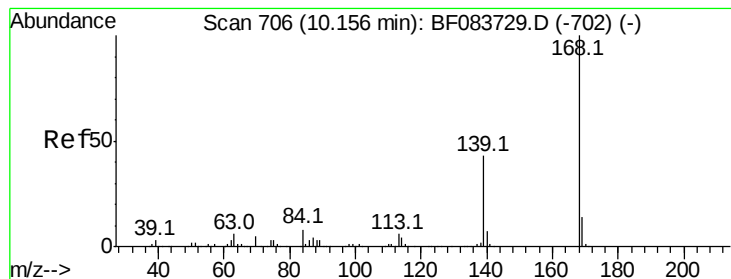
#44
 2-Fluorobiphenyl
 Concen: 92.43 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083798.D
 Acq: 15 Dec 2015 4:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.8	19.4	29.0



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





#54

Dibenzofuran

Concen: 2.01 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF083798.D

Acq: 15 Dec 2015 4:57

Instrument :

BNA_F

ClientSampleId :

W-38

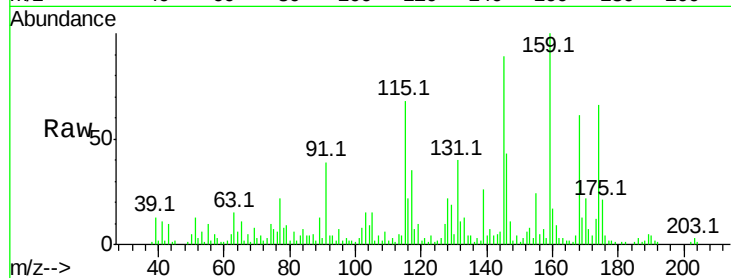
Tot Ion:168 Resp: 31797

Ion Ratio Lower Upper

168 100

139 42.3 28.0 42.0#

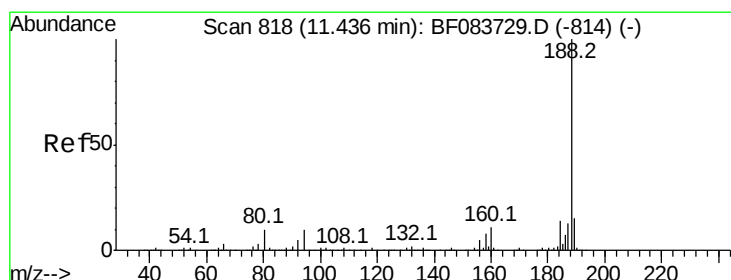
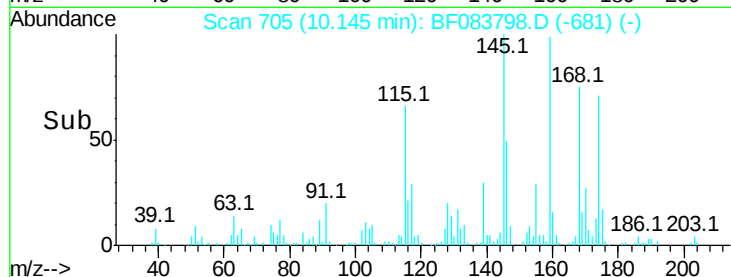
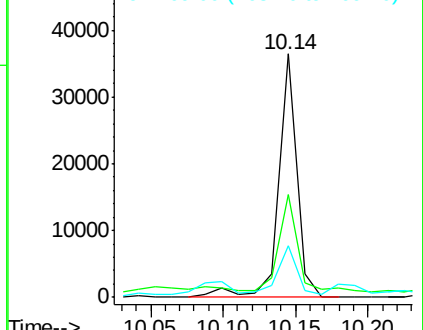
169 21.2 10.8 16.2#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083798.D

Acq: 15 Dec 2015 4:57

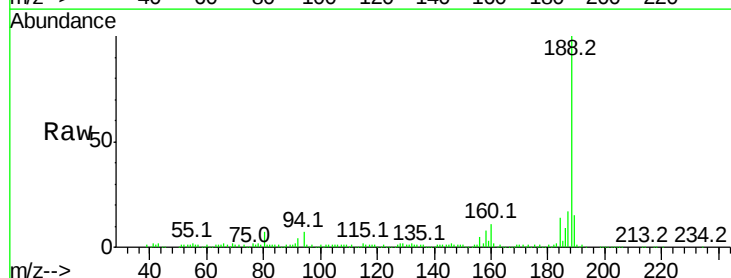
Tgt Ion:188 Resp: 356827

Ion Ratio Lower Upper

188 100

94 7.0 9.4 14.2#

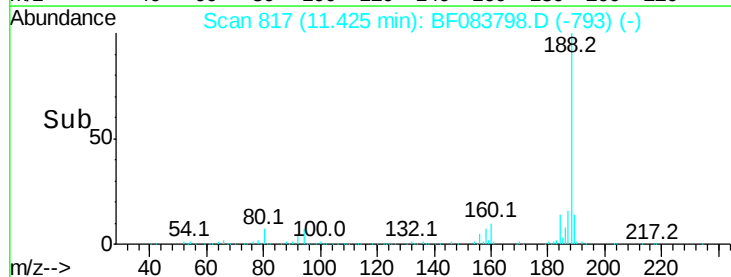
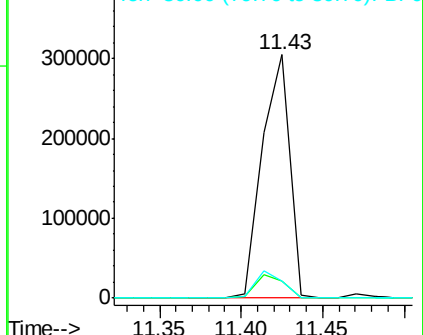
80 6.8 10.6 16.0#

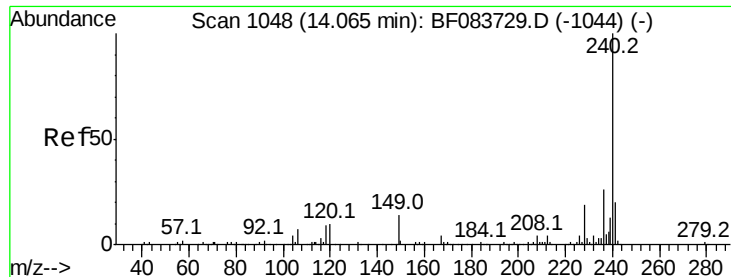


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083798.D

Acq: 15 Dec 2015 4:57

Instrument :

BNA_F

ClientSampleId :

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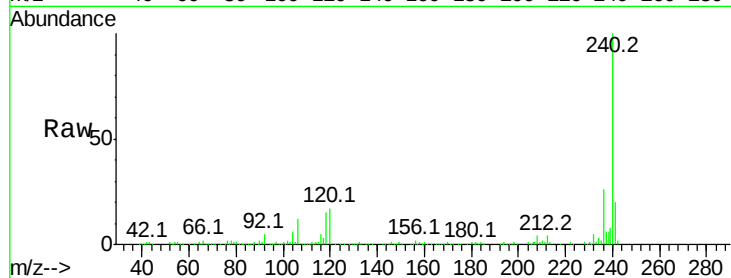
Tot Ion:240 Resp: 278752

Ion Ratio Lower Upper

240 100

120 17.0 8.1 12.1#

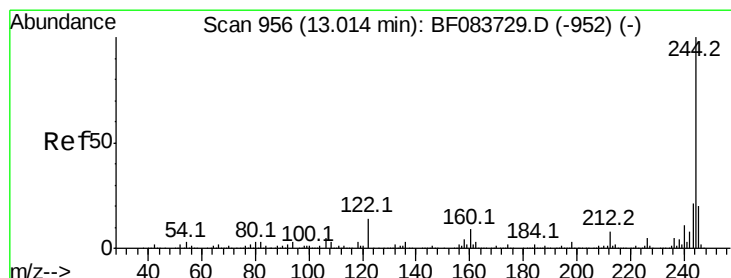
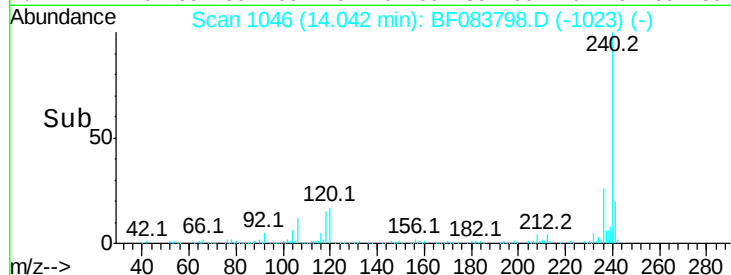
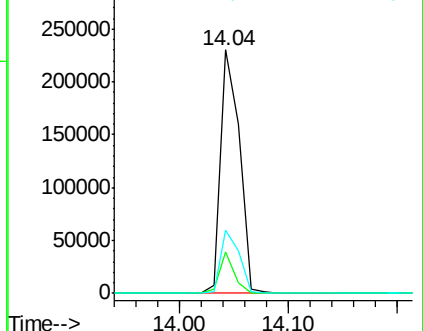
236 25.8 20.8 31.2



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



#78

Terphenyl-d14

Concen: 79.12 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083798.D

Acq: 15 Dec 2015 4:57

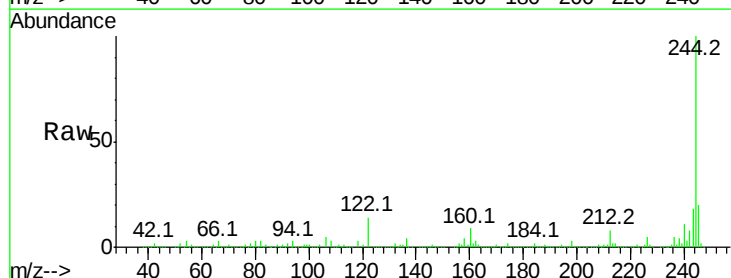
Tgt Ion:244 Resp: 1025330

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

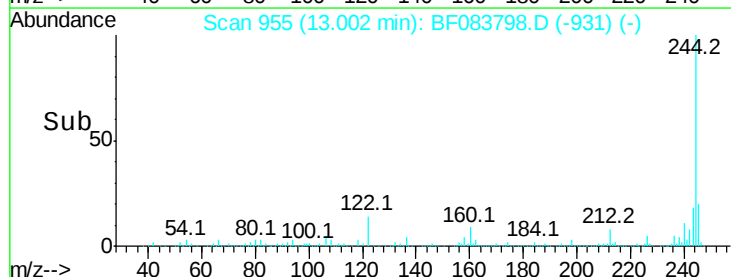
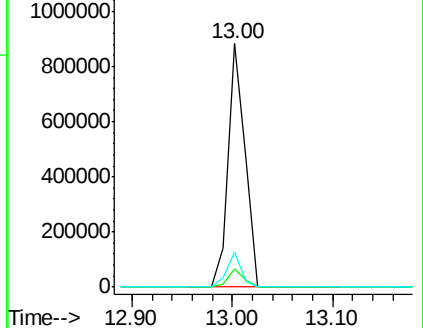
122 14.2 11.0 16.6

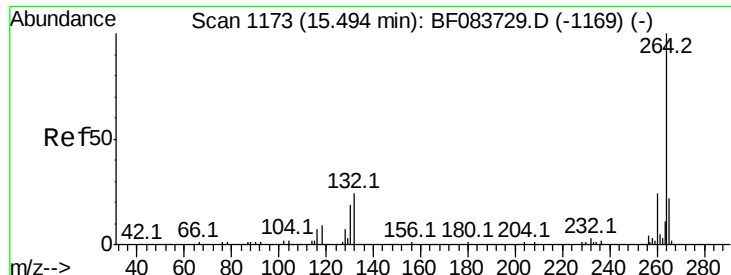


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

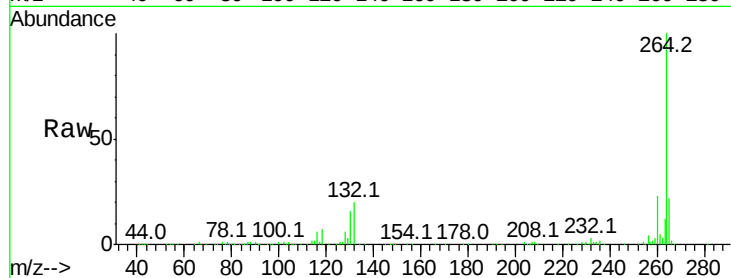




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083798.D
 Acq: 15 Dec 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.5	17.8	26.6



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

