

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083834.D
 Acq On : 16 Dec 2015 00:55
 Operator : UM/IZ
 Sample : G4782-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-S

Quant Time: Dec 16 05:36:34 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	92697	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	350000	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	152811	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	266504	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	209751	20.00	ng	-0.02
86) Perylene-d12	15.49	264	146789	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	210672	36.66	ng	-0.02
7) Phenol-d6	6.52	99	151077	20.76	ng	-0.02
23) Nitrobenzene-d5	7.46	82	459334	73.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	126177	81.03	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	917961	89.45	ng	-0.02
78) Terphenyl-d14	13.00	244	800635	82.11	ng	-0.02

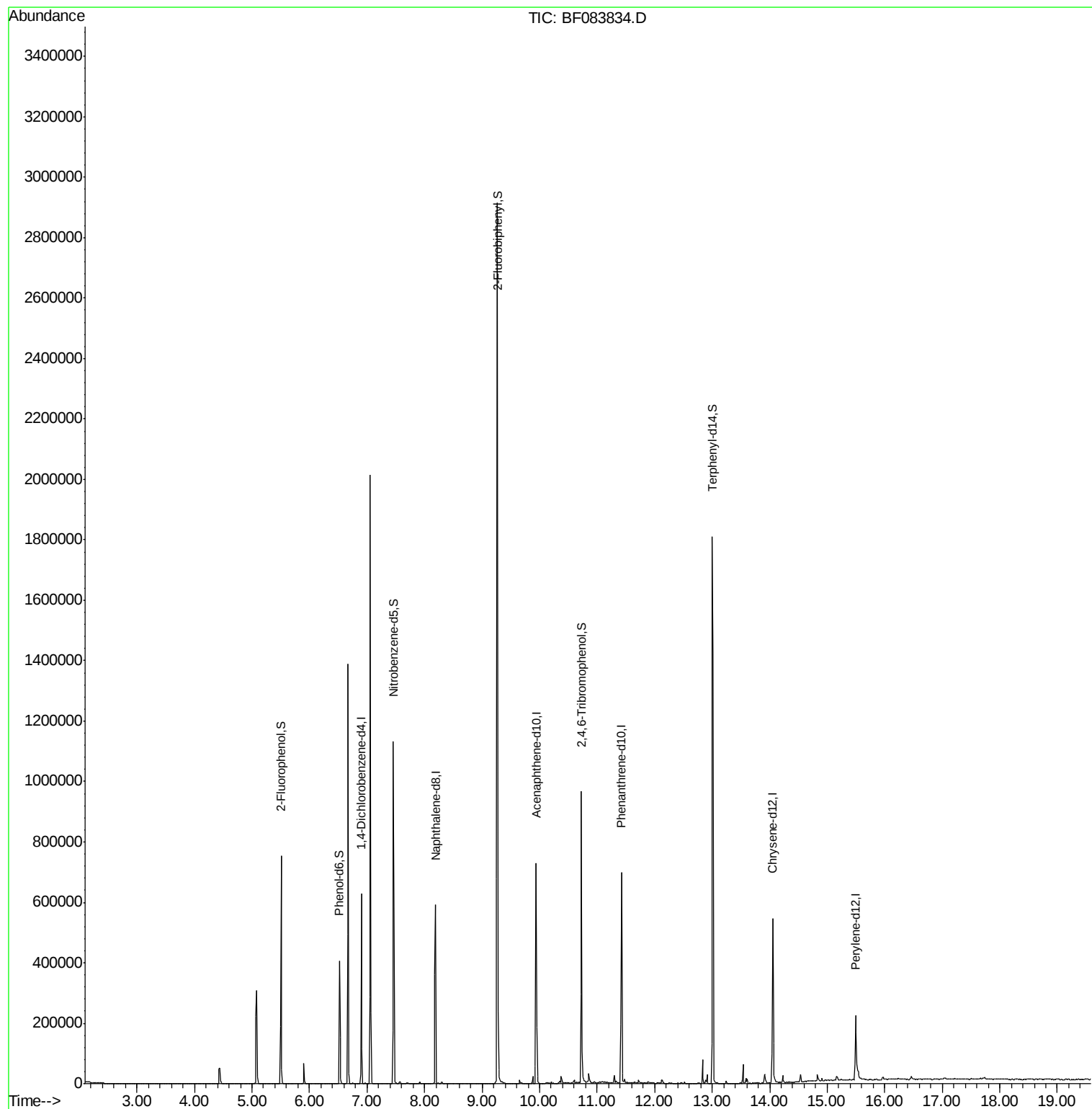
Target Compounds Qvalue

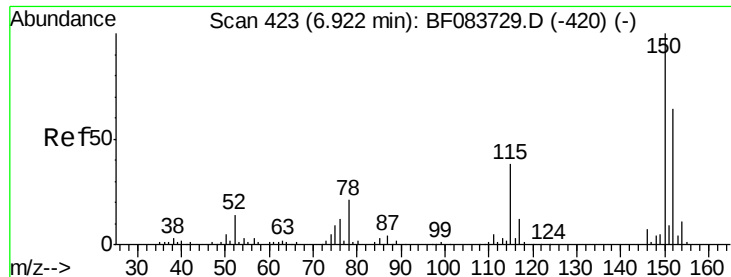
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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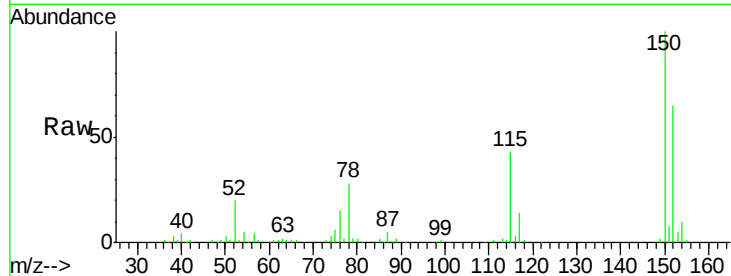


#1

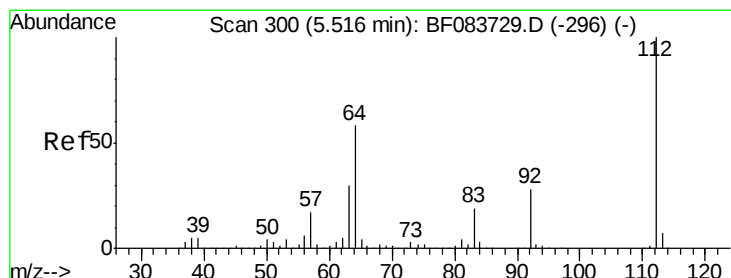
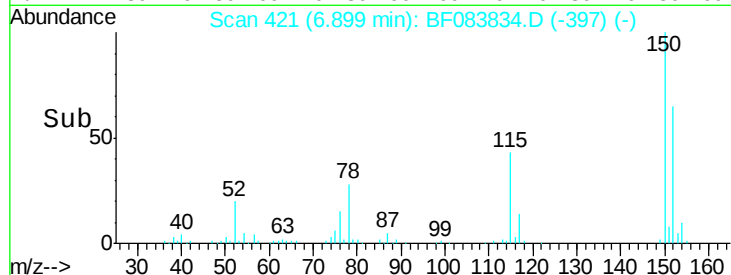
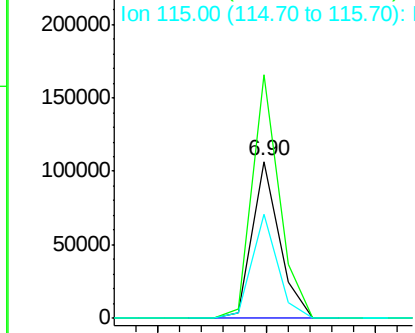
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083834.D
Acq: 16 Dec 2015 00:55

Instrument :
BNA_F
ClientSampleId :
121115-D534-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.5	189.7
115	66.0	52.3	78.5



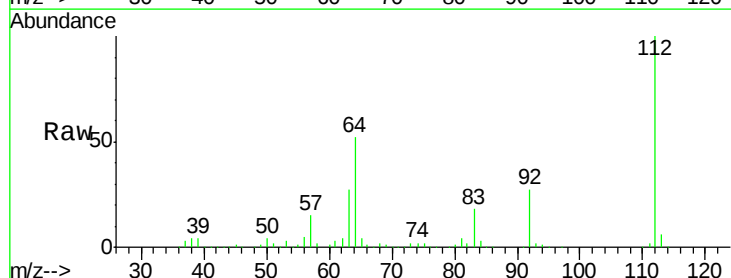
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



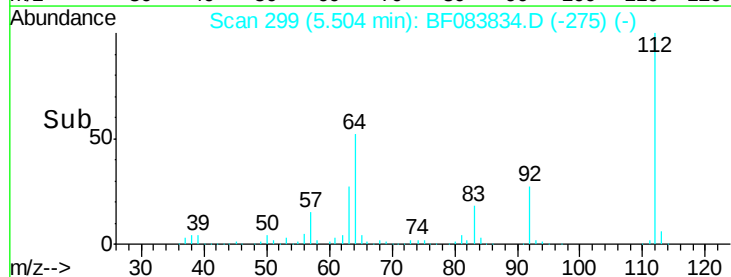
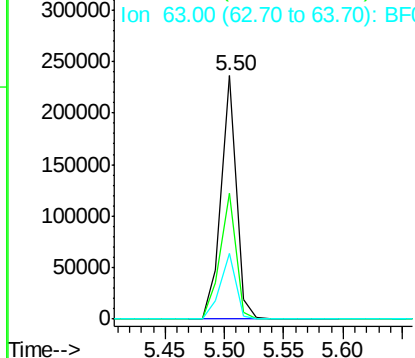
#5

2-Fluorophenol
Concen: 36.66 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083834.D
Acq: 16 Dec 2015 00:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	50.5	75.7
63	27.1	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: 20.76 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

Instrument :

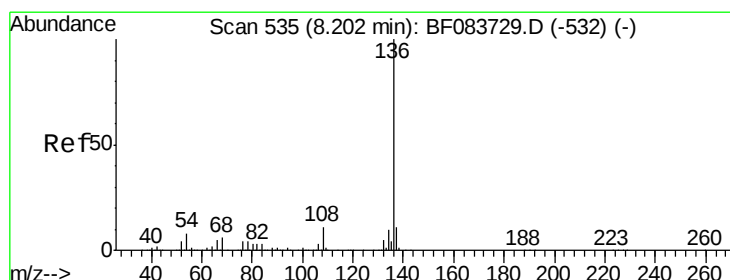
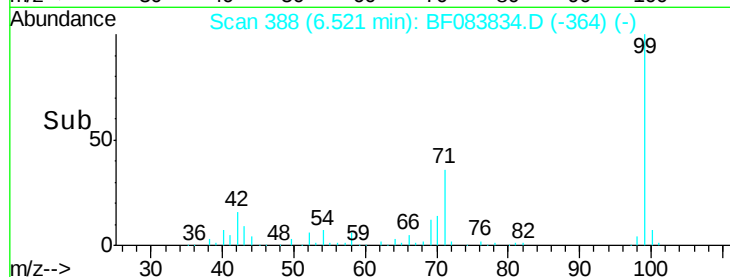
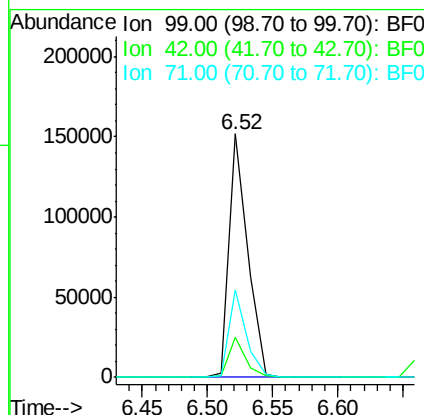
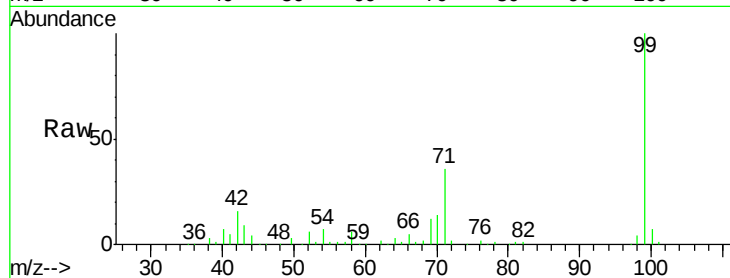
BNA_F

ClientSampleId :

121115-D534-F-U-S

Tot Ion: 99 Resp: 151077

Ion	Ratio	Lower	Upper
99	100		
42	16.2	17.3	25.9#
71	35.9	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

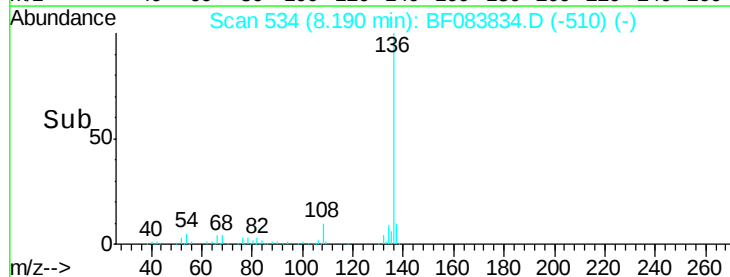
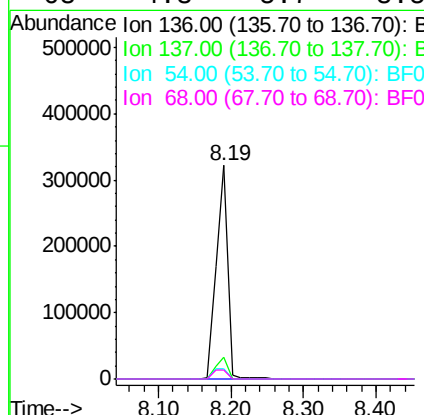
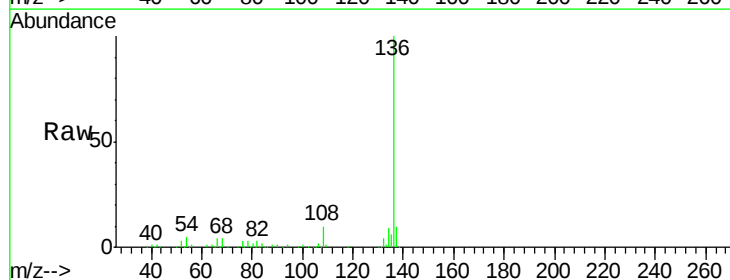
Delta R.T. -0.02 min

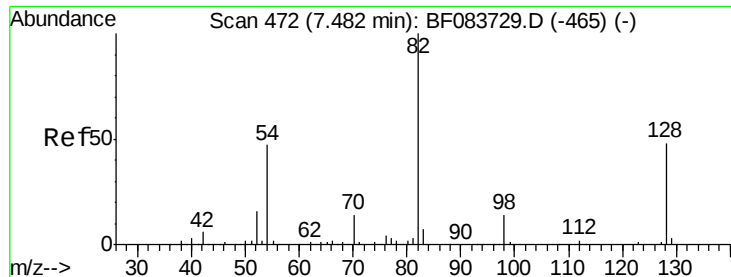
Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

Tgt Ion: 136 Resp: 350000

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	4.6	7.8	11.6#
68	4.3	5.7	8.5#

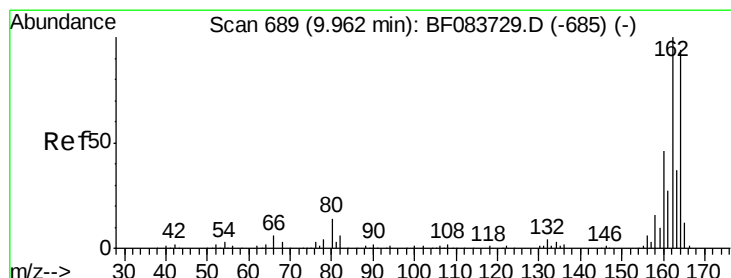
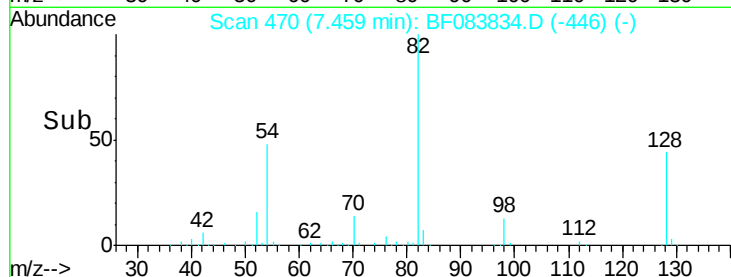
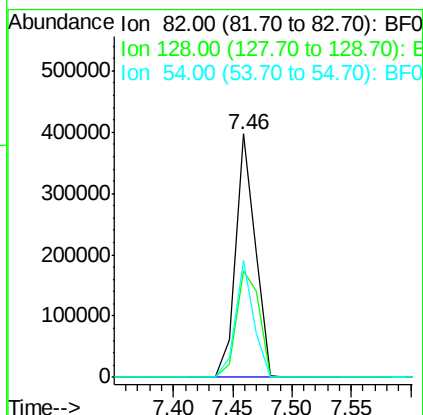
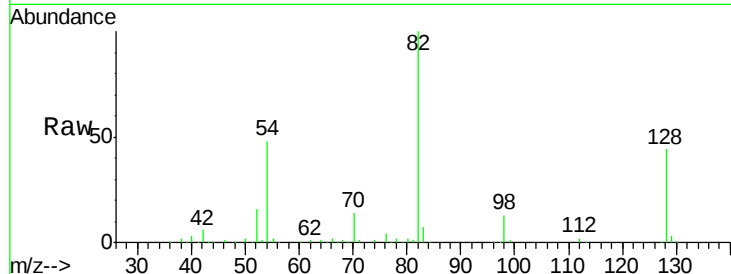




#23
 Nitrobenzene-d5
 Concen: 73.42 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

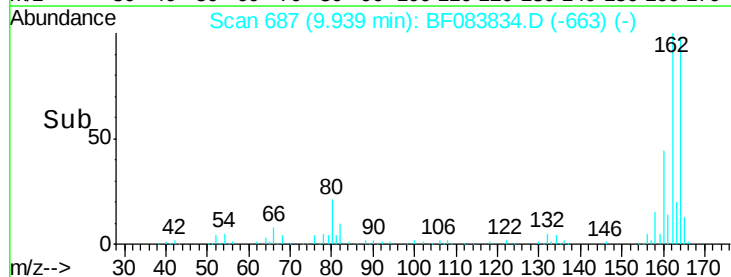
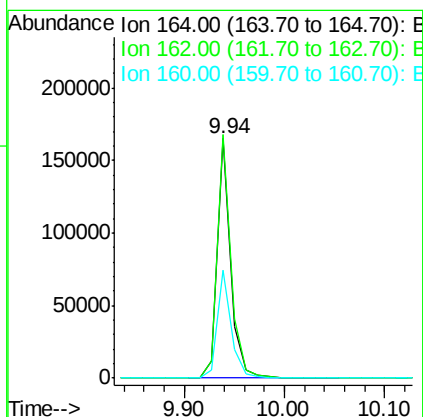
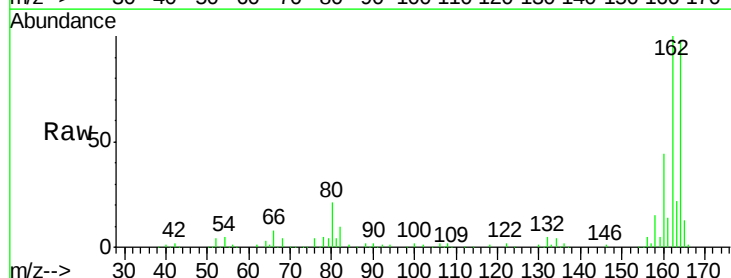
Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-S

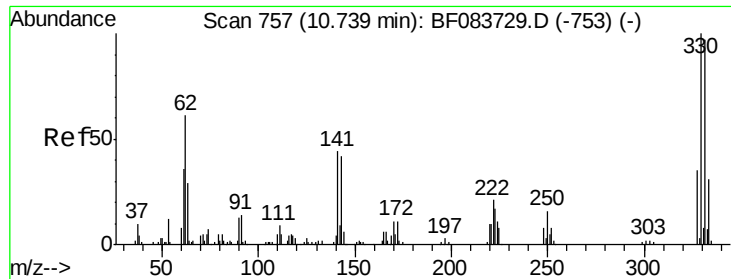
Tot Ion: 82 Resp: 459334
 Ion Ratio Lower Upper
 82 100
 128 44.1 30.7 46.1
 54 47.9 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Tgt Ion: 164 Resp: 152811
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 45.2 33.4 50.2

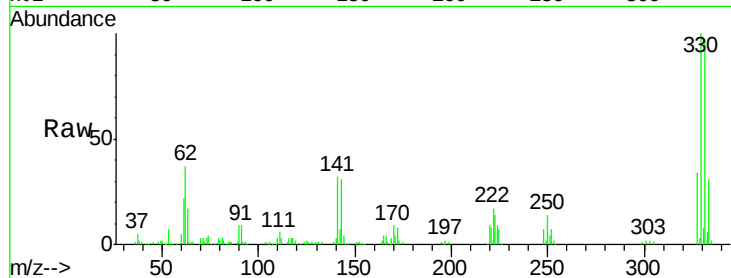




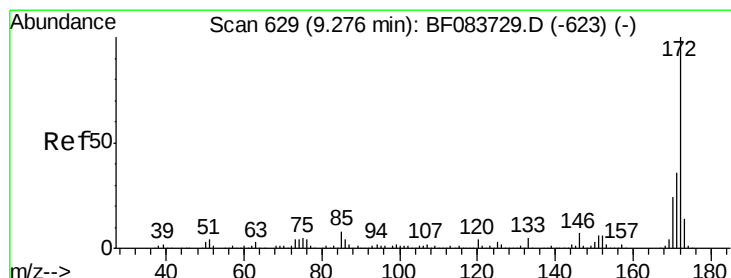
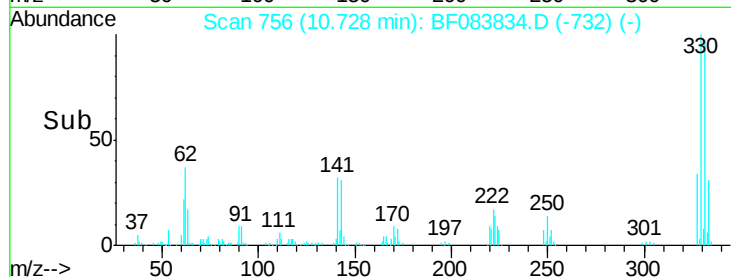
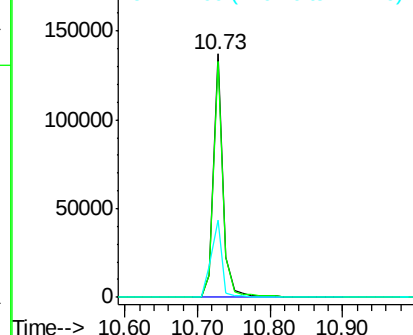
#41
 2,4,6-Tribromophenol
 Concen: 81.03 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	36.3	0.0	0.0#

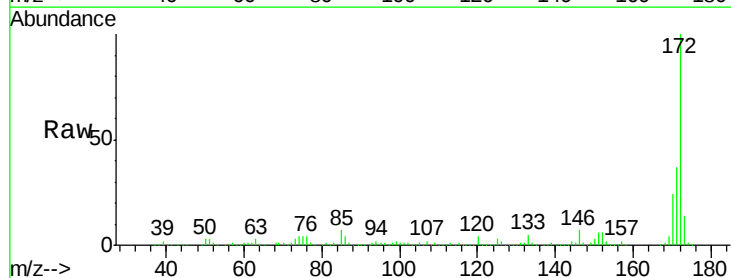


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

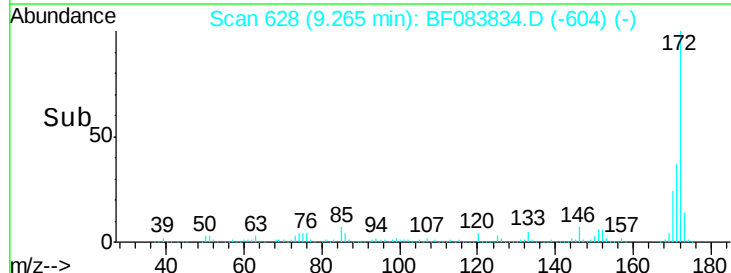
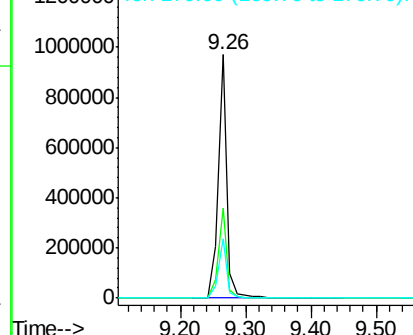


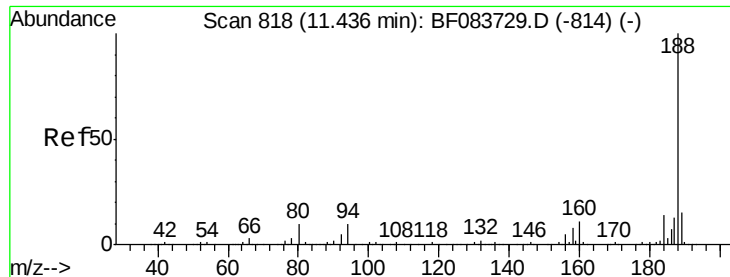
#44
 2-Fluorobiphenyl
 Concen: 89.45 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	24.3	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

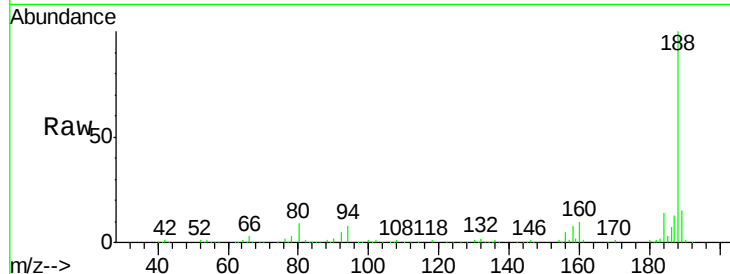




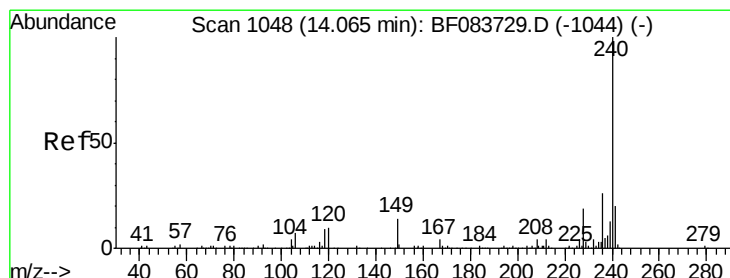
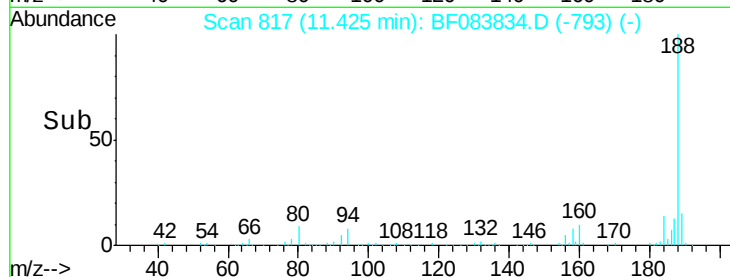
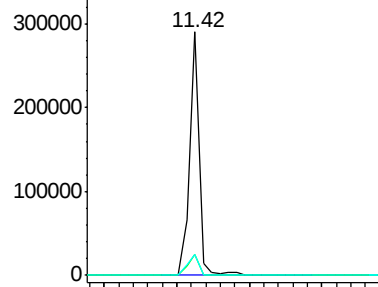
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083834.D
Acq: 16 Dec 2015 00:55

Instrument :
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ClientSampleId :
121115-D534-F-U-S

Tot Ion:188 Resp: 266504
Ion Ratio Lower Upper
188 100
94 8.5 9.4 14.2#
80 8.7 10.6 16.0#

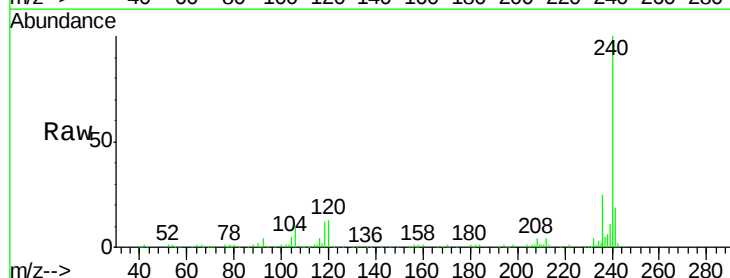


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

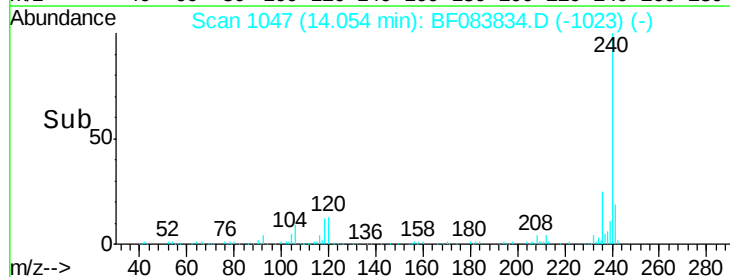
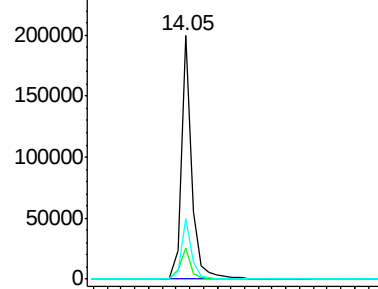


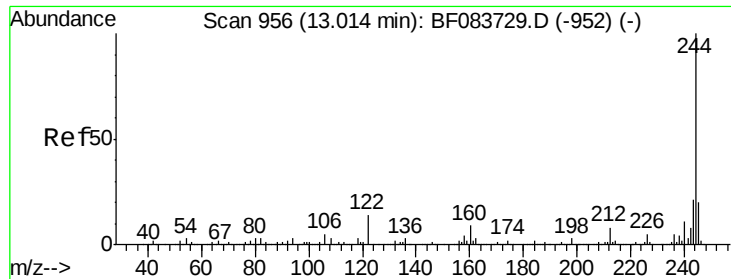
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083834.D
Acq: 16 Dec 2015 00:55

Tgt Ion:240 Resp: 209751
Ion Ratio Lower Upper
240 100
120 13.0 8.1 12.1#
236 25.0 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

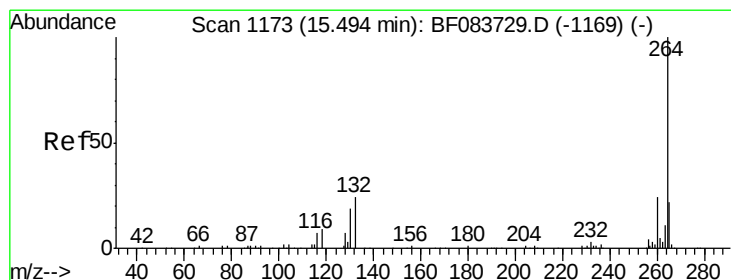
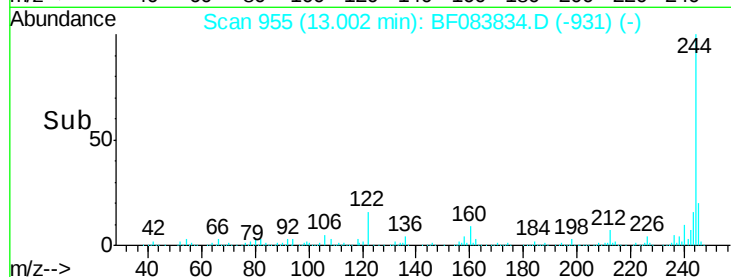
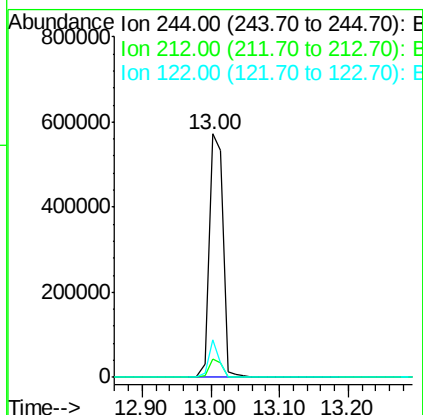
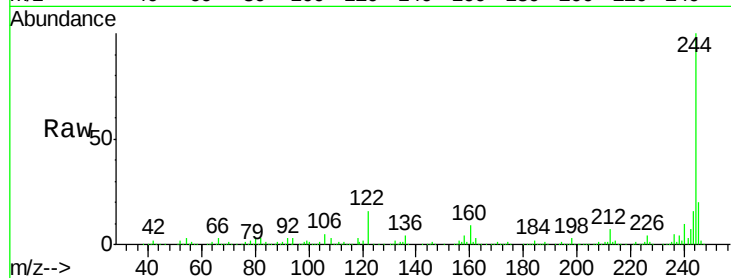




#78
 Terphenyl-d14
 Concen: 82.11 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	15.5	11.0	16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	17.8	26.6

