

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083532.D
 Acq On : 6 Dec 2015 20:24
 Operator : UM/IZ
 Sample : G4614-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S27-15.5

Quant Time: Dec 07 06:13:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

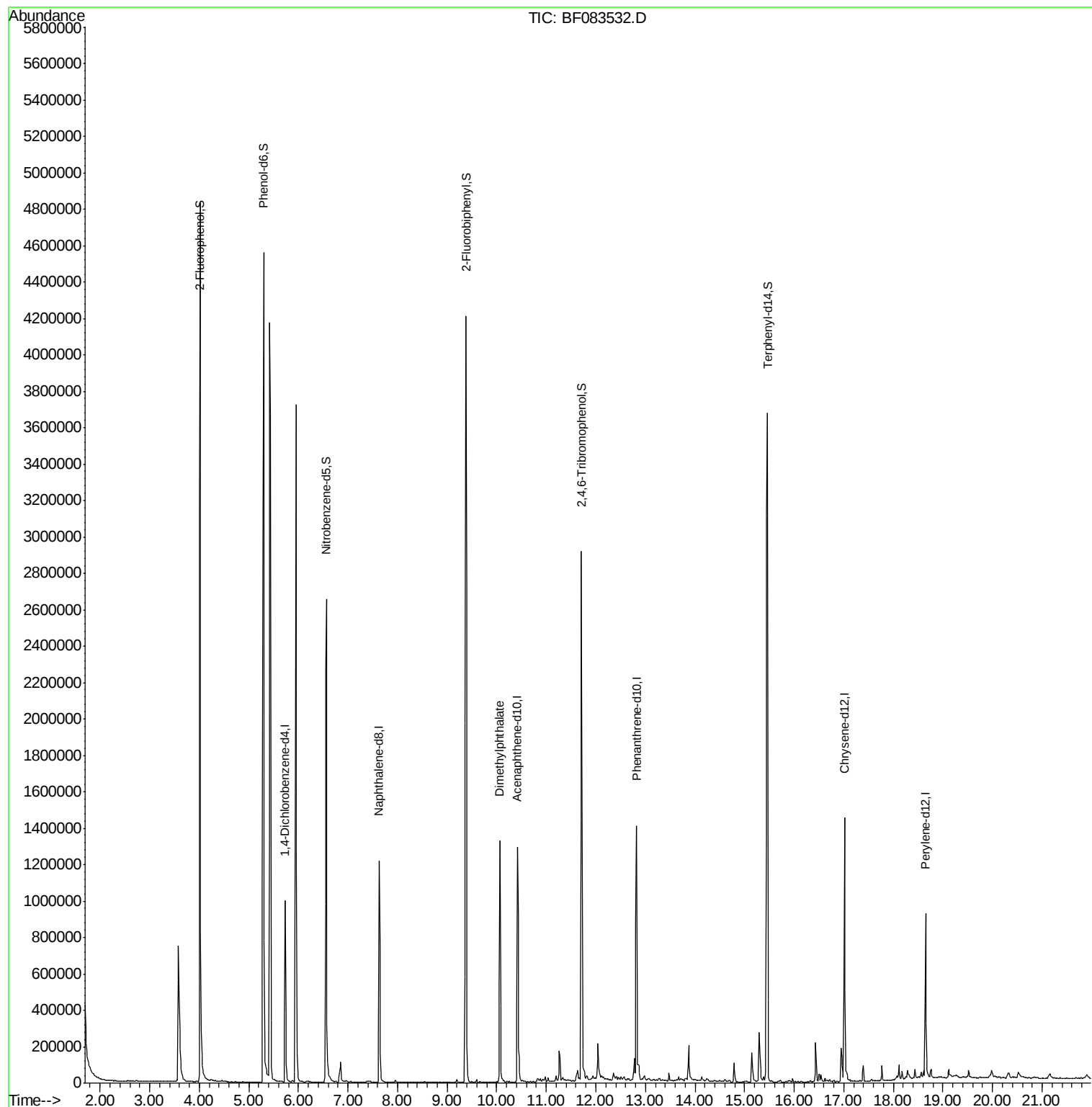
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	195299	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	783422	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	400903	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	734911	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	631640	20.00	ng	-0.03
86) Perylene-d12	18.65	264	451651	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1786430	138.77	ng	-0.01
7) Phenol-d6	5.30	99	2386015	134.53	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1586492	94.66	ng	-0.03
41) 2,4,6-Tribromophenol	11.71	330	492050	133.05	ng	-0.05
44) 2-Fluorobiphenyl	9.38	172	2226318	75.32	ng	-0.05
78) Terphenyl-d14	15.46	244	1976279	69.62	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.06	163	720783	22.84	ng	99

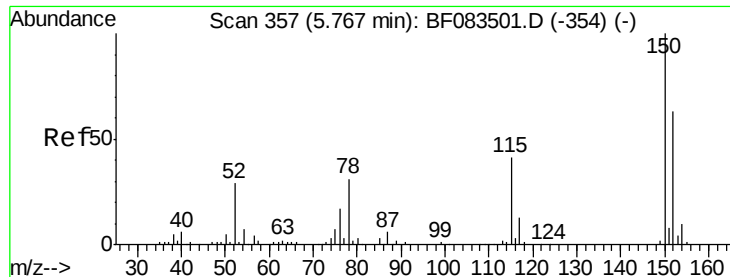
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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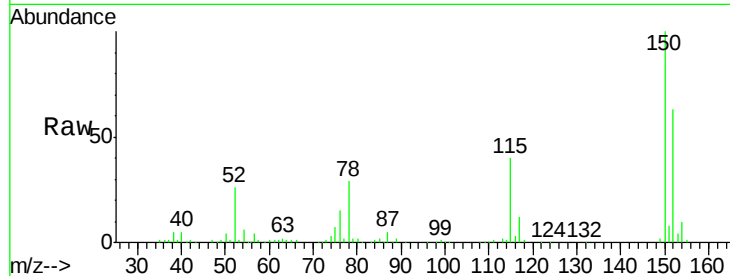


#1

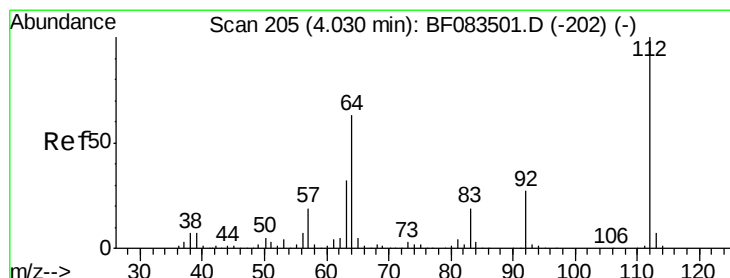
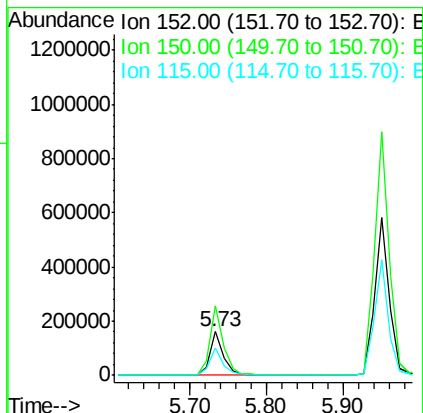
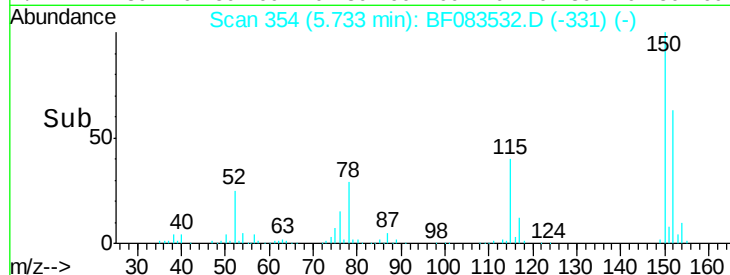
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083532.D
Acq: 6 Dec 2015 20:24

Instrument :
BNA_F
ClientSampleId :
S27-15.5

Tot Ion:152 Resp: 195299
Ion Ratio Lower Upper
152 100
150 159.2 126.5 189.7
115 63.8 52.3 78.5



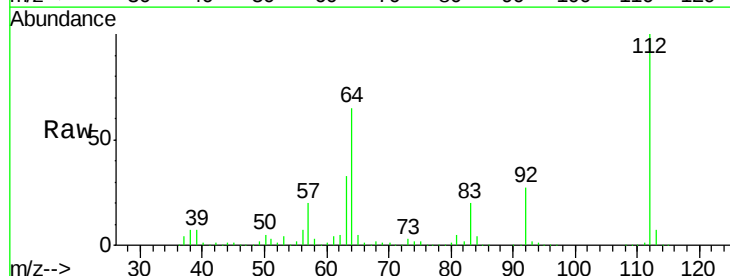
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



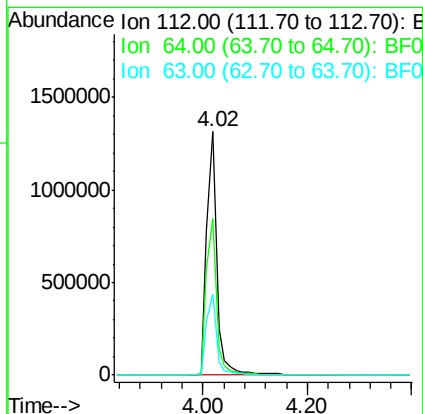
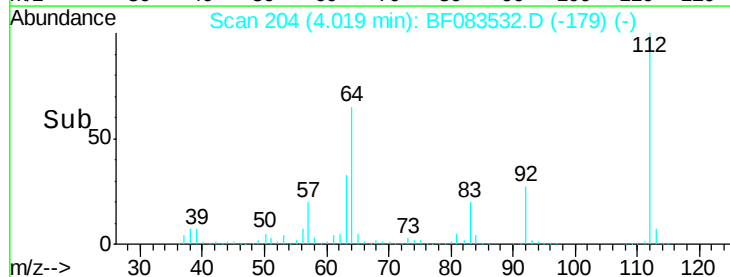
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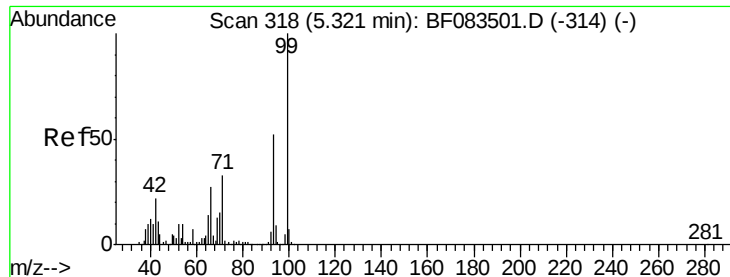
2-Fluorophenol
Concen: 138.77 ng
RT: 4.02 min Scan# 204
Delta R.T. -0.01 min
Lab File: BF083532.D
Acq: 6 Dec 2015 20:24

Tgt Ion:112 Resp: 1786430
Ion Ratio Lower Upper
112 100
64 64.5 50.5 75.7
63 33.1 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: 134.53 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

Instrument :

BNA_F

ClientSampleId :

S27-15.5

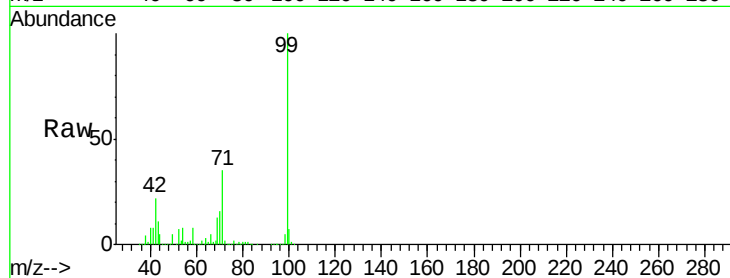
Tot Ion: 99 Resp: 2386015

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

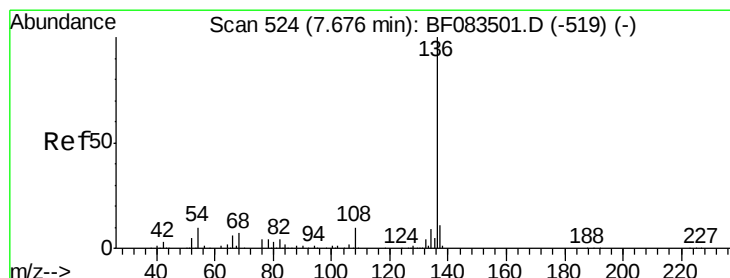
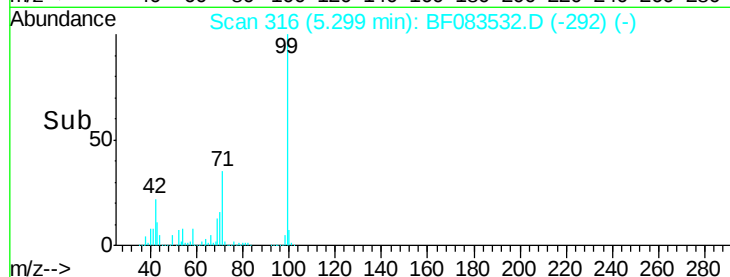
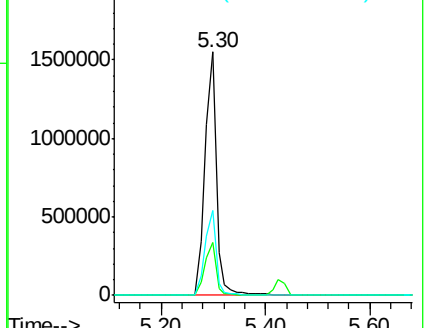
71 34.7 26.6 40.0



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: 7.63 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

Tgt Ion: 136 Resp: 783422

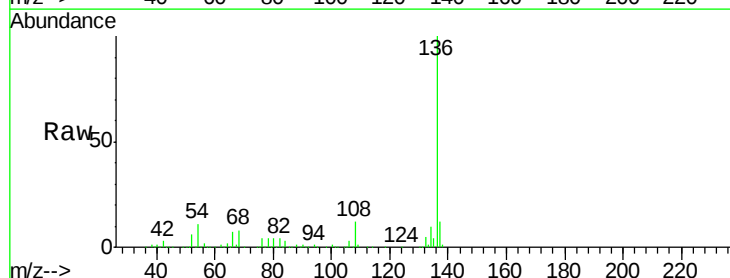
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 11.3 7.8 11.6

68 7.7 5.7 8.5

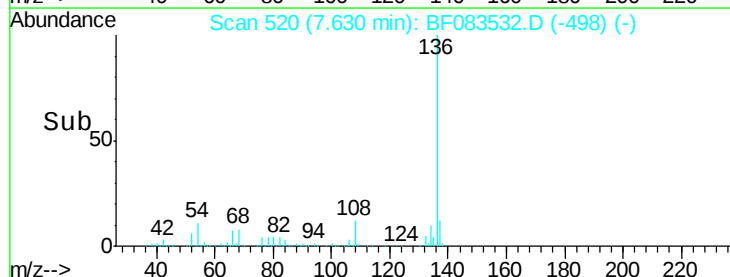
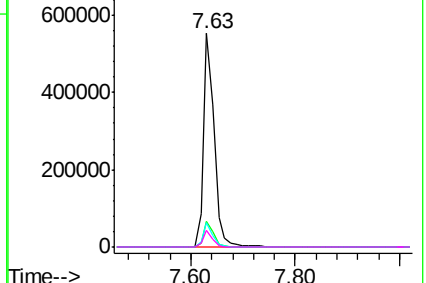


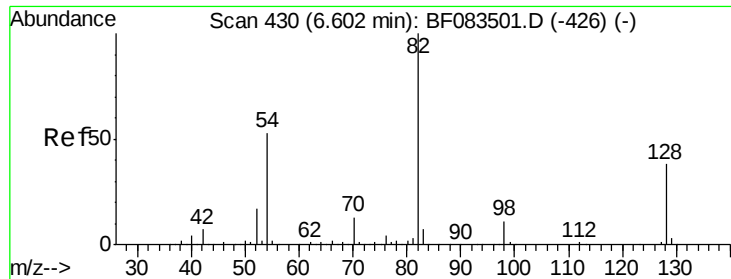
Abundance Ion 136.00 (135.70 to 136.70): E

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

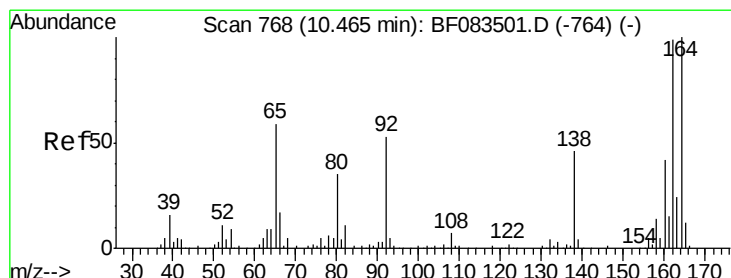
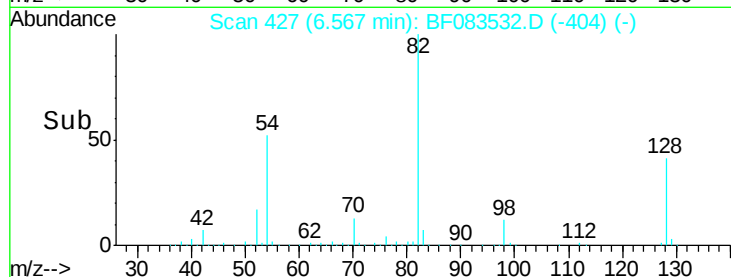
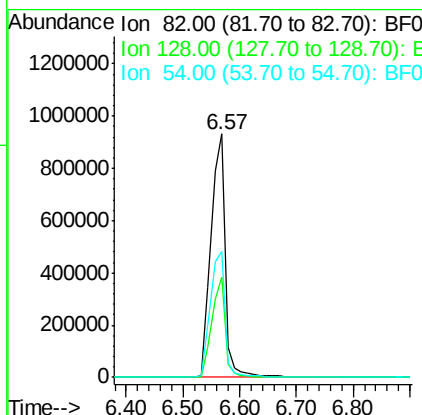
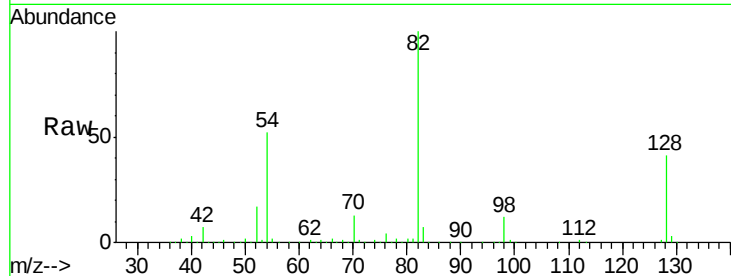




#23
 Nitrobenzene-d5
 Concen: 94.66 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

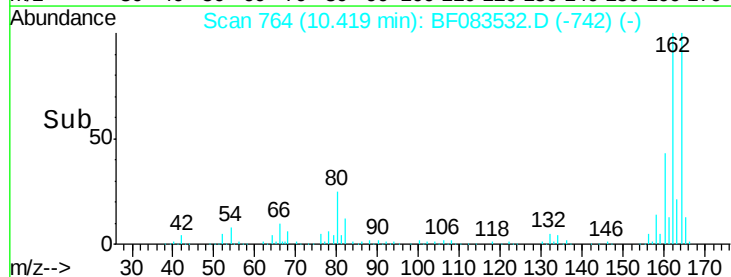
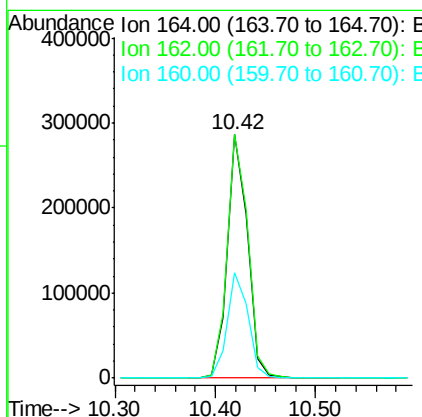
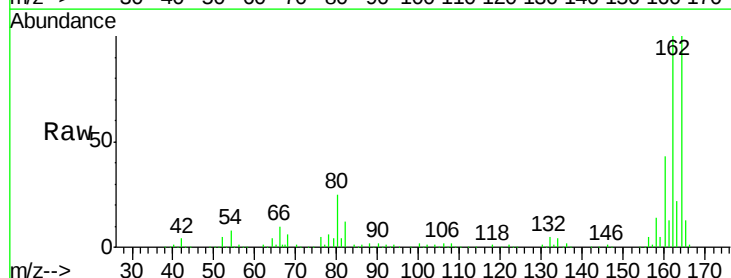
Instrument :
 BNA_F
 ClientSampleID :
 S27-15.5

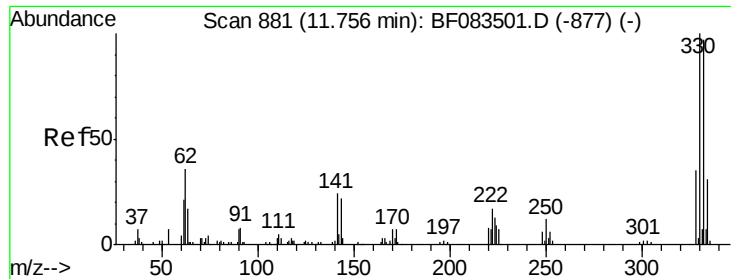
Tot Ion: 82 Resp: 1586492
 Ion Ratio Lower Upper
 82 100
 128 41.1 30.7 46.1
 54 51.6 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Tgt Ion: 164 Resp: 400903
 Ion Ratio Lower Upper
 164 100
 162 99.9 78.8 118.2
 160 43.1 33.4 50.2

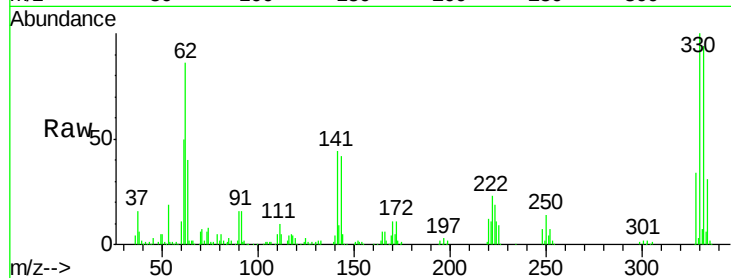




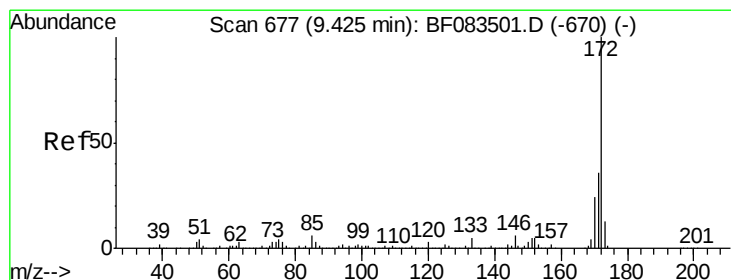
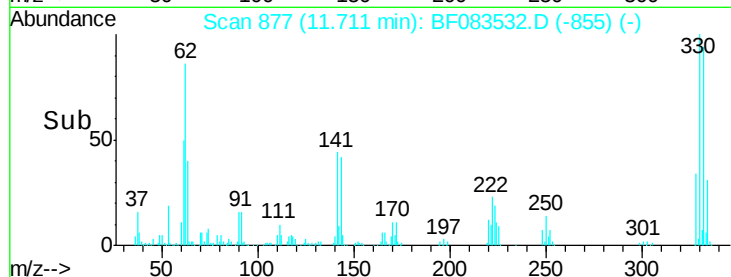
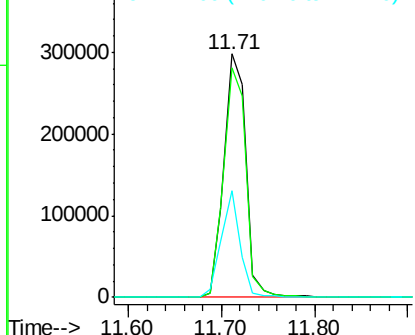
#41
 2,4,6-Tribromophenol
 Concen: 133.05 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 S27-15.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	37.7	0.0	0.0#

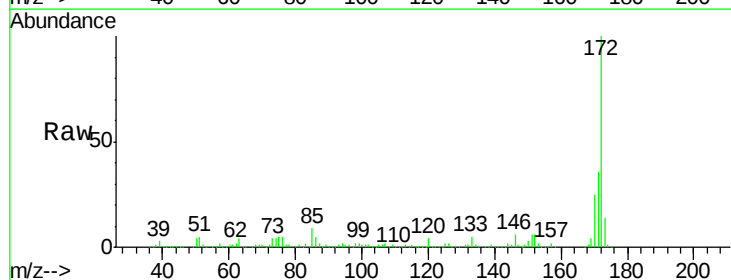


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

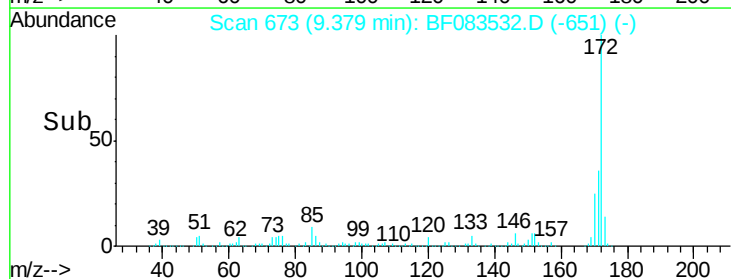
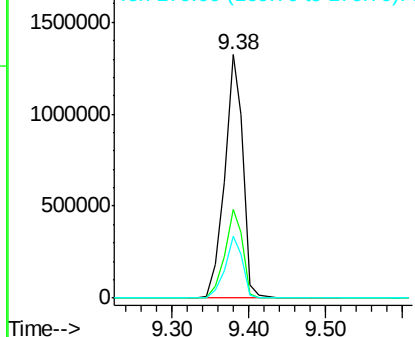


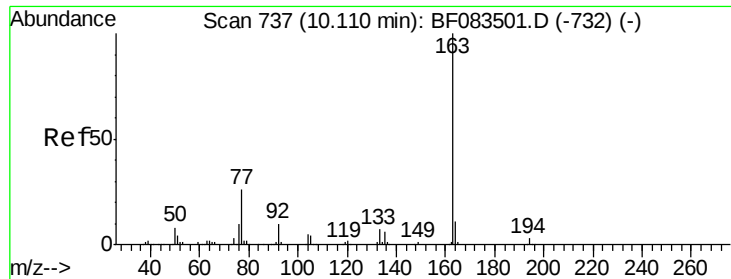
#44
 2-Fluorobiphenyl
 Concen: 75.32 ng
 RT: 9.38 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	25.2	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

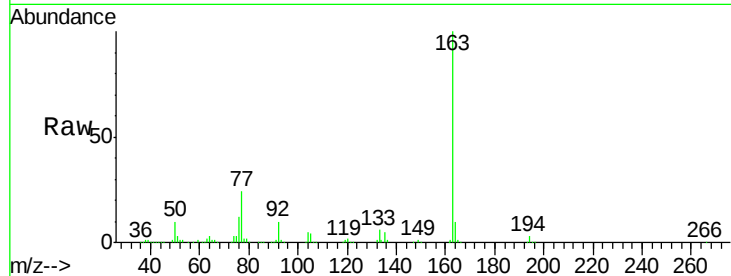




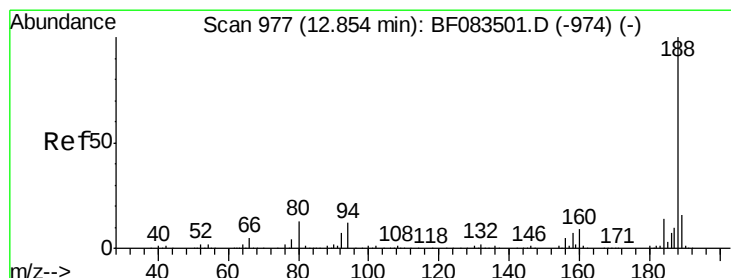
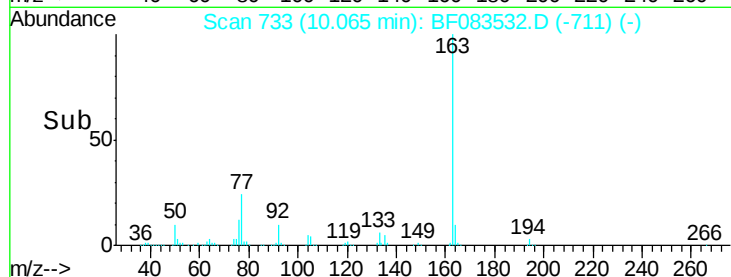
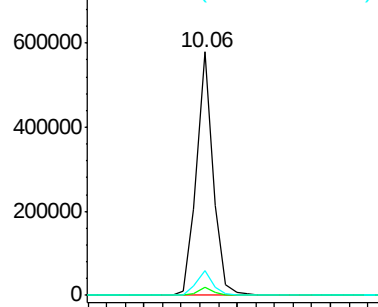
#49
Dimethylphthalate
Concen: 22.84 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083532.D
Acq: 6 Dec 2015 20:24

Instrument :
BNA_F
ClientSampleId :
S27-15.5

Tot Ion:163 Resp: 720783
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.4 8.6 13.0

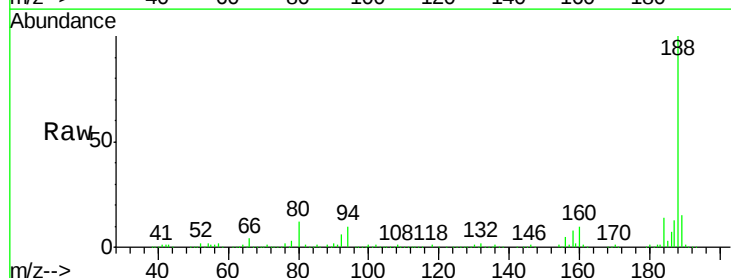


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

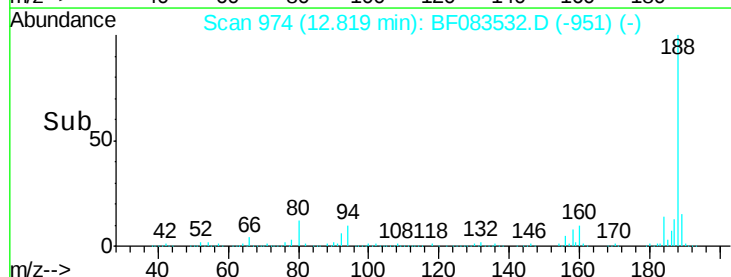
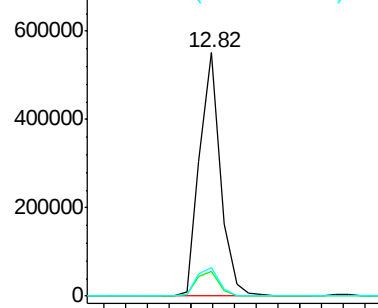


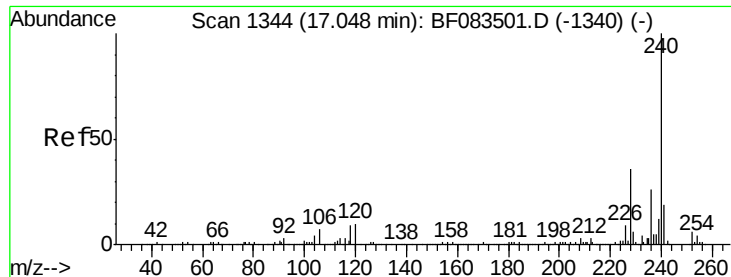
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083532.D
Acq: 6 Dec 2015 20:24

Tgt Ion:188 Resp: 734911
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.7 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: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

Instrument :

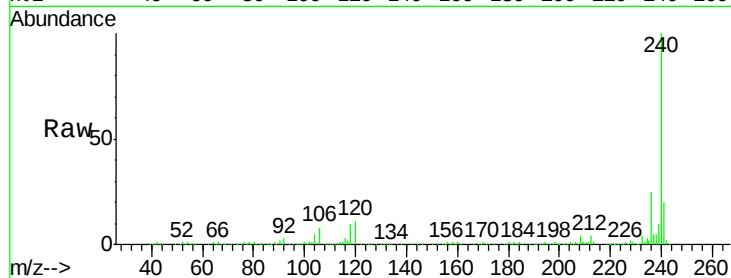
BNA_F

ClientSampleId :

S27-15.5

Tot Ion:240 Resp: 631640

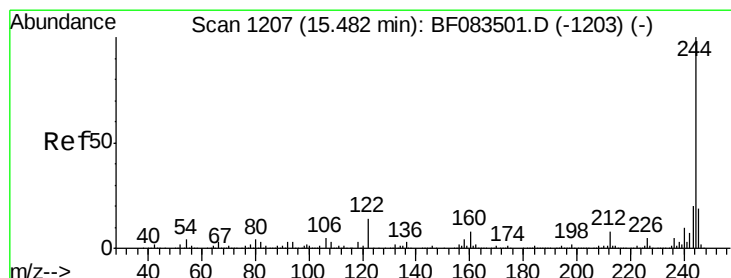
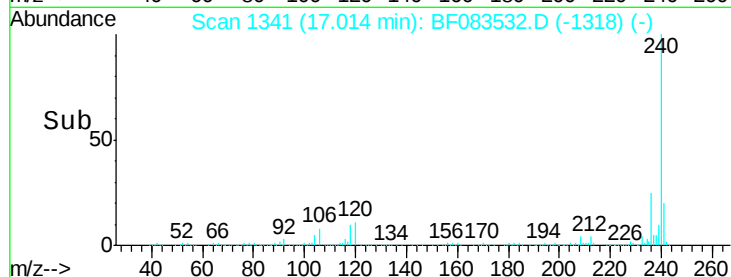
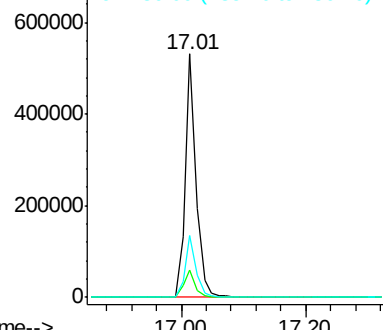
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	25.2	20.8	31.2



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: 69.62 ng

RT: 15.46 min Scan# 1205

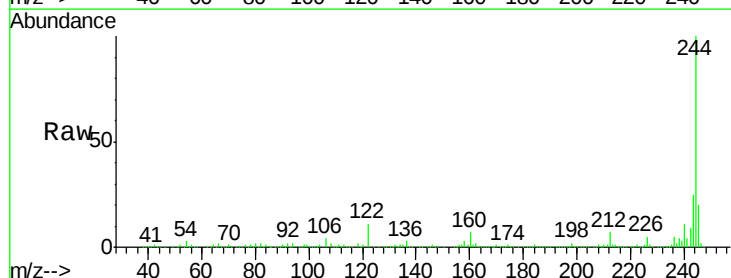
Delta R.T. -0.02 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

Tgt Ion:244 Resp: 1976279

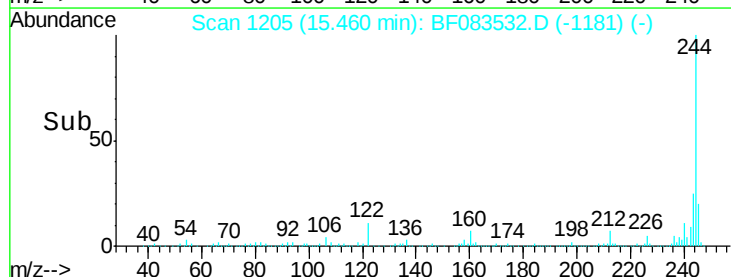
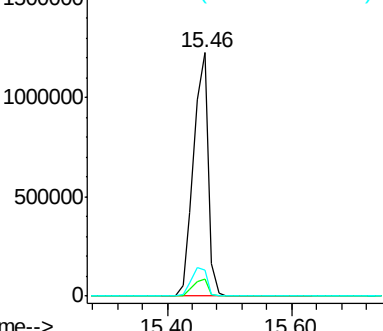
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.8	11.0	16.6

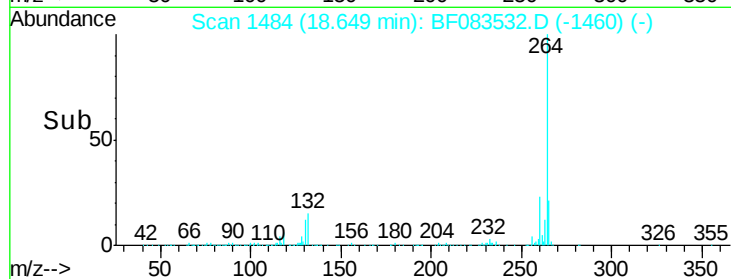
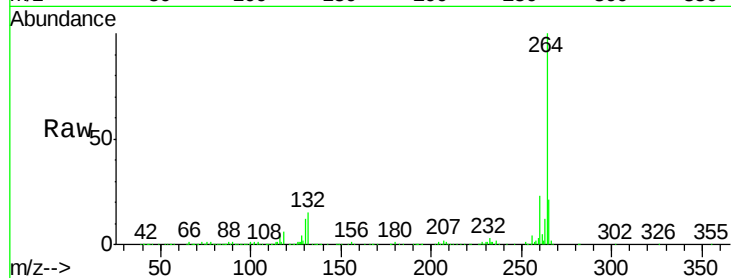
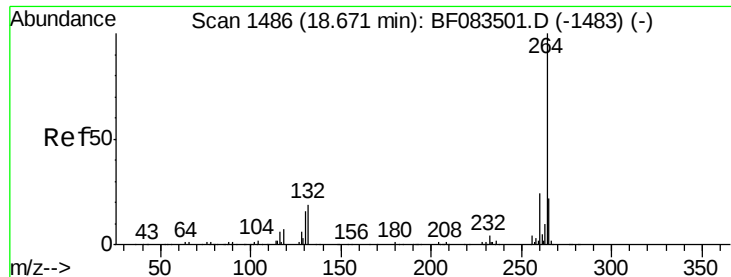


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083532.D
Acq: 6 Dec 2015 20:24

Instrument :
BNA_F
ClientSampleId :
S27-15.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.3	17.8	26.6

