

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085716.D
 Acq On : 24 Mar 2016 15:59
 Operator : UM/SJ
 Sample : PB88875BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BL

Quant Time: Mar 25 01:06:12 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	106601	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	413382	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	198837	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	387509	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	291105	20.00	ng	0.00
86) Perylene-d12	15.40	264	190091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	827818	129.33	ng	0.02
7) Phenol-d6	6.46	99	951818	116.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	582894	79.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	289810	153.41	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1154783	97.03	ng	0.00
78) Terphenyl-d14	12.93	244	1039123	73.41	ng	0.00

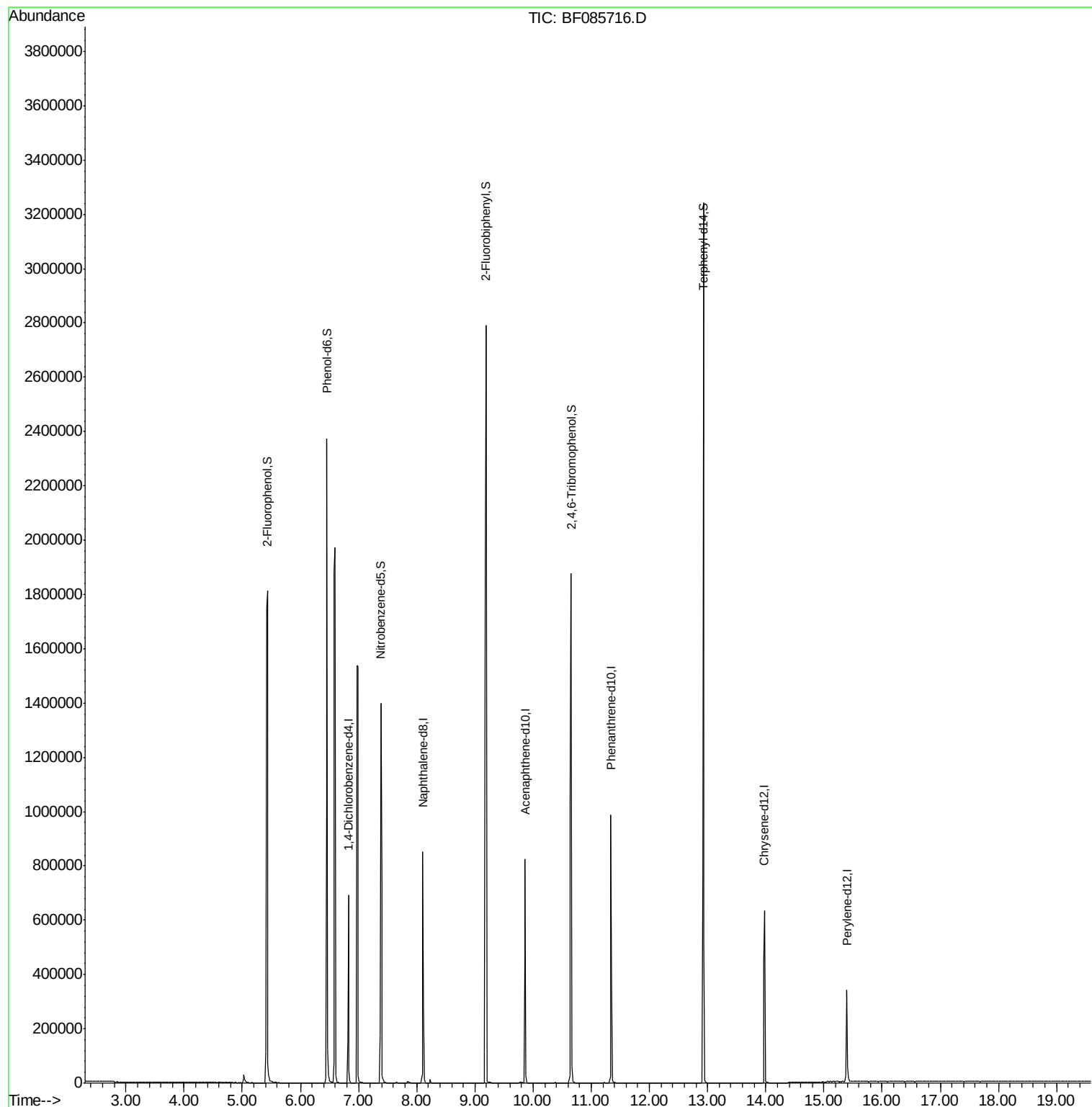
Target Compounds	Qvalue
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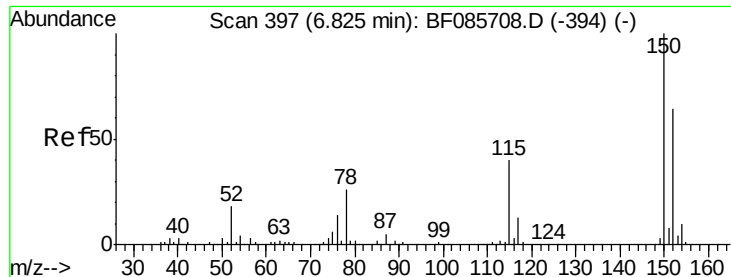
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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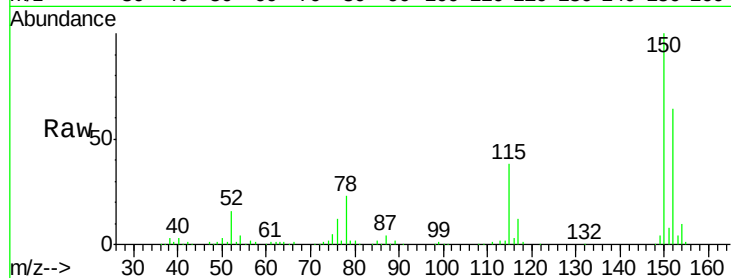


#1

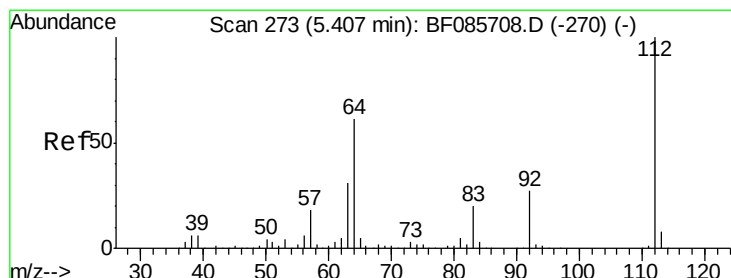
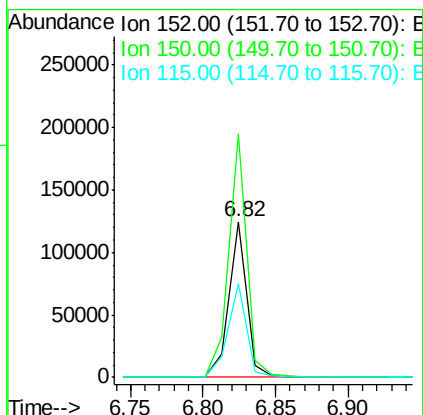
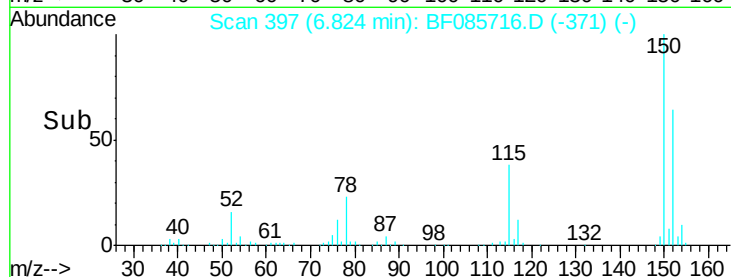
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Instrument :
BNA_F
ClientSampleId :
PB88875BL

Tgt Ion:152 Resp: 106601
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 60.3 47.0 70.6



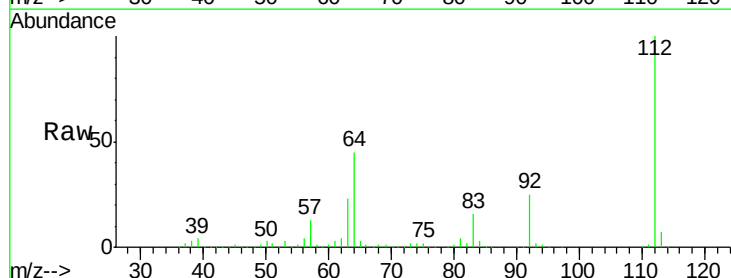
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



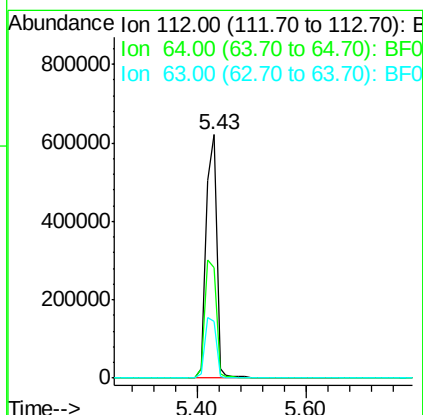
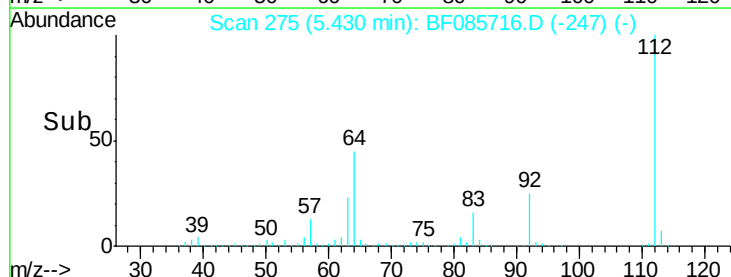
#5

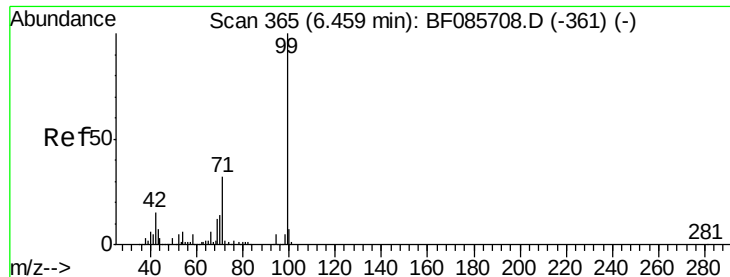
2-Fluorophenol
Concen: 129.33 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Tgt Ion:112 Resp: 827818
Ion Ratio Lower Upper
112 100
64 45.2 39.9 59.9
63 23.1 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: 116.96 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085716.D

Acq: 24 Mar 2016 15:59

Instrument :

BNA_F

ClientSampleId :

PB88875BL

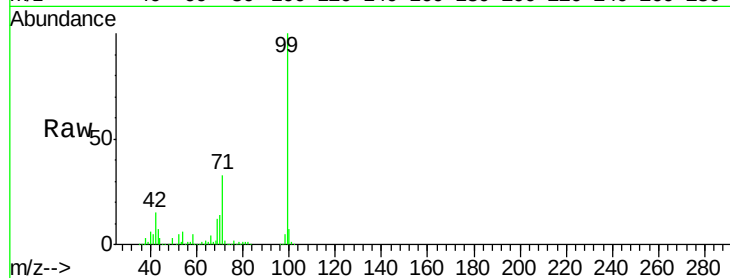
Tgt Ion: 99 Resp: 951818

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

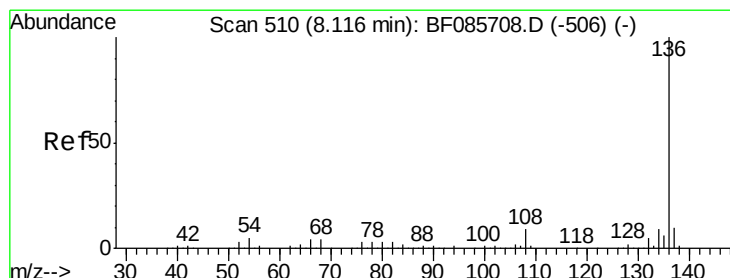
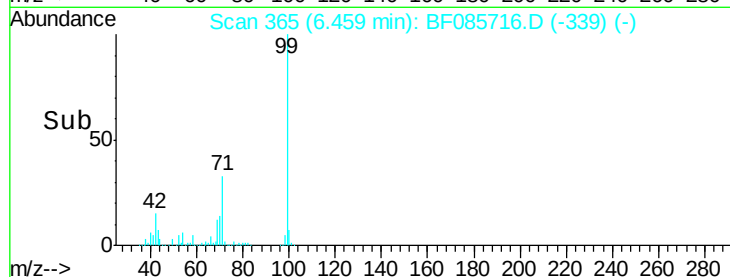
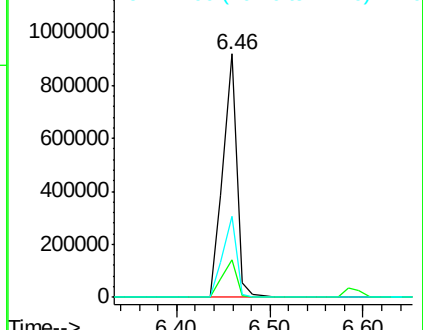
71 33.3 24.9 37.3



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: BF085716.D

Acq: 24 Mar 2016 15:59

Tgt Ion: 136 Resp: 413382

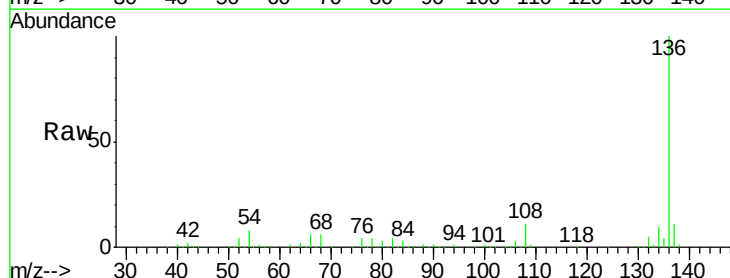
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.9 7.4 11.0

68 6.4 5.8 8.8

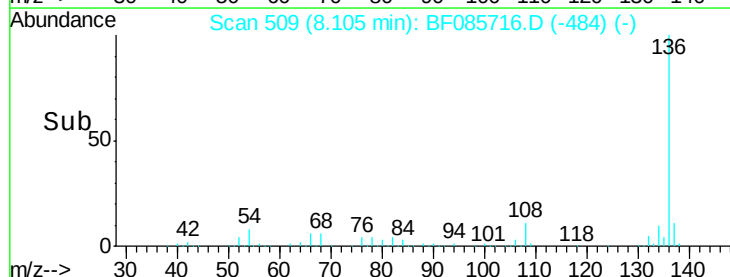
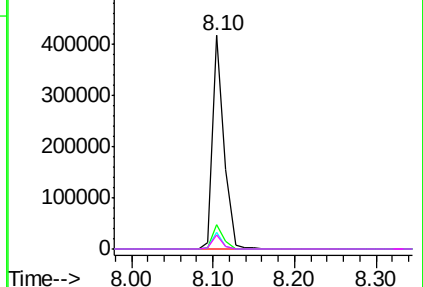


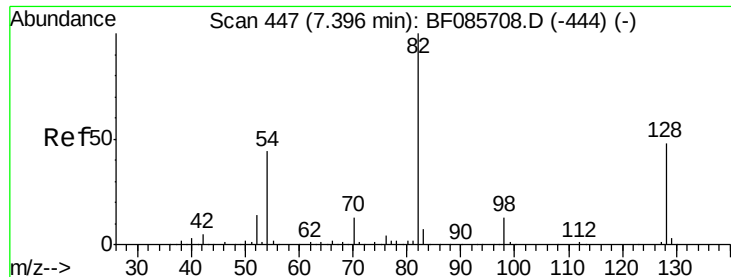
Abundance Ion 136.00 (135.70 to 136.70): E

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

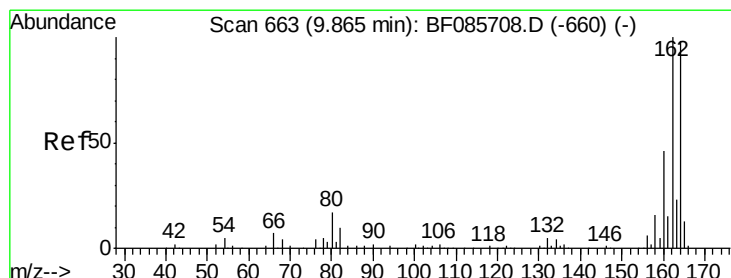
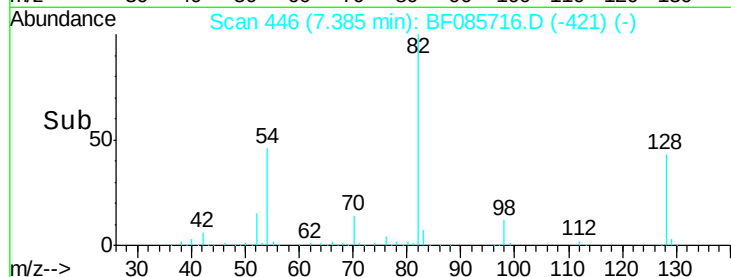
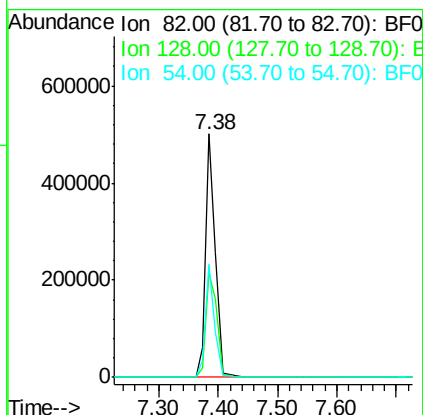
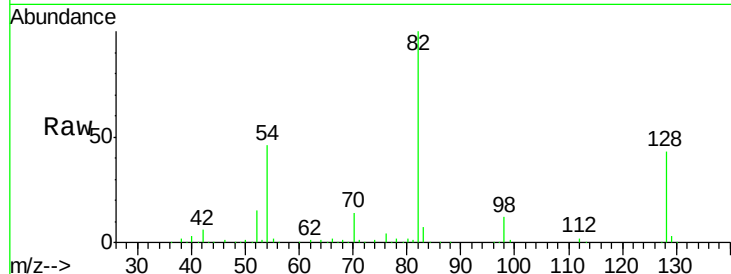




#23
 Nitrobenzene-d5
 Concen: 79.41 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

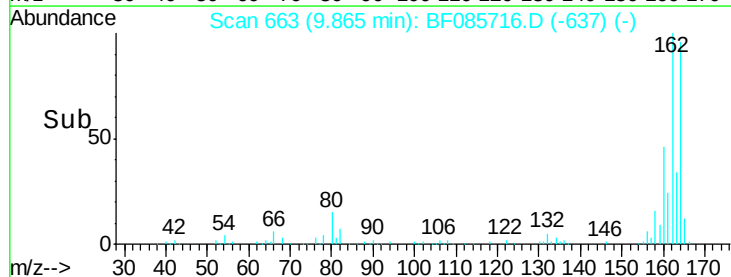
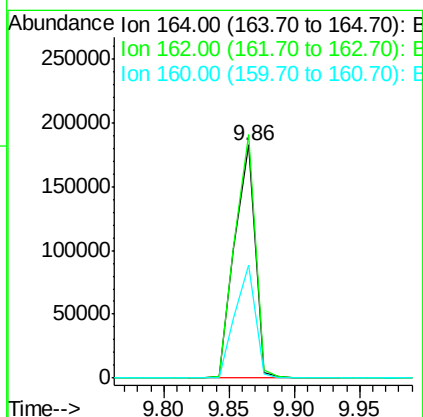
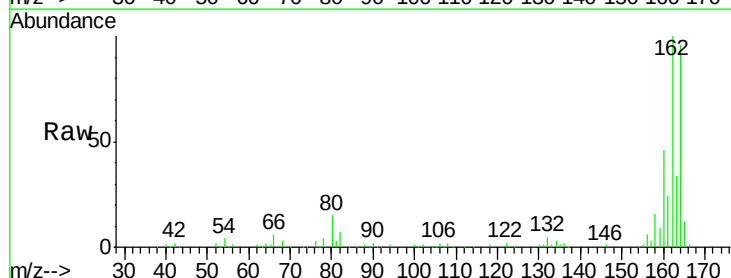
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BL

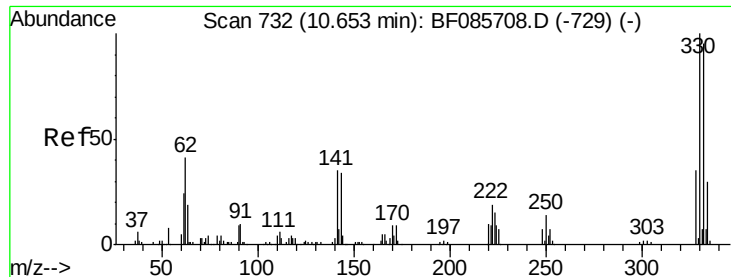
Tgt Ion: 82 Resp: 582894
 Ion Ratio Lower Upper
 82 100
 128 42.8 41.8 62.8
 54 46.5 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Tgt Ion: 164 Resp: 198837
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.1 123.1
 160 48.4 37.4 56.2

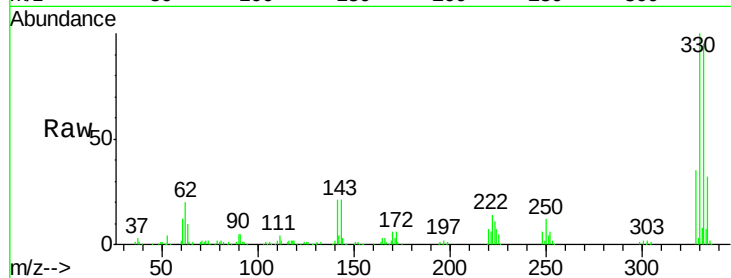




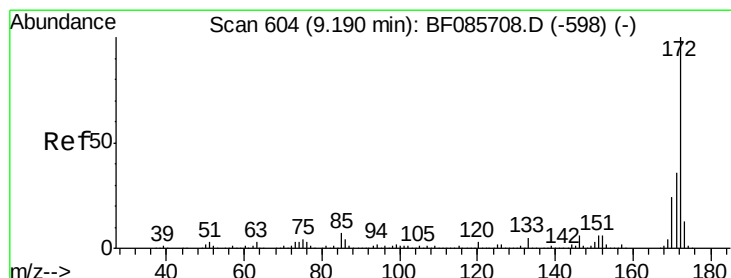
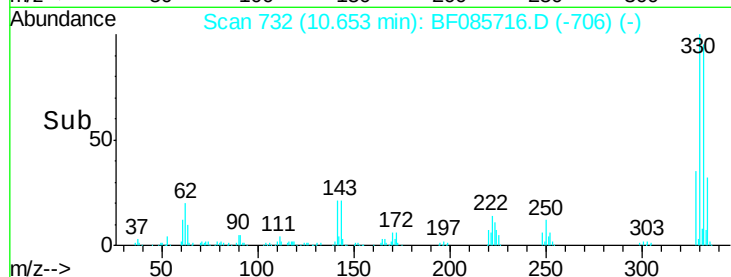
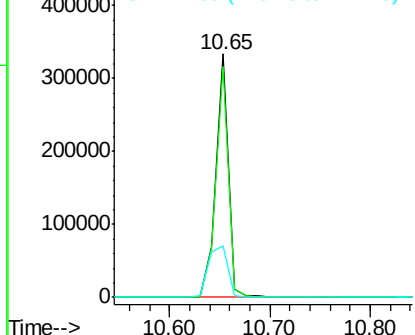
#41
 2,4,6-Tribromophenol
 Concen: 153.41 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BL

Tgt Ion:330 Resp: 289810
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.2 117.2
 141 32.9 31.5 47.3

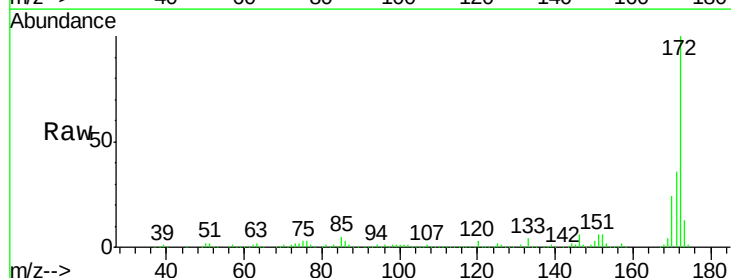


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

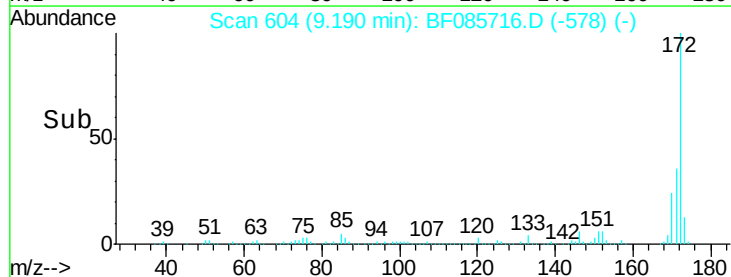
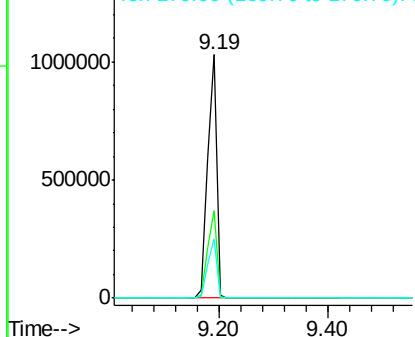


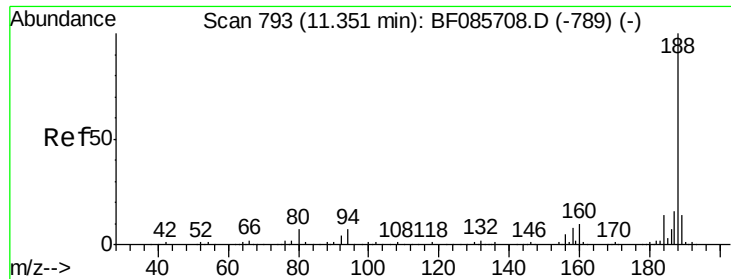
#44
 2-Fluorobiphenyl
 Concen: 97.03 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Tgt Ion:172 Resp: 1154783
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.3 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

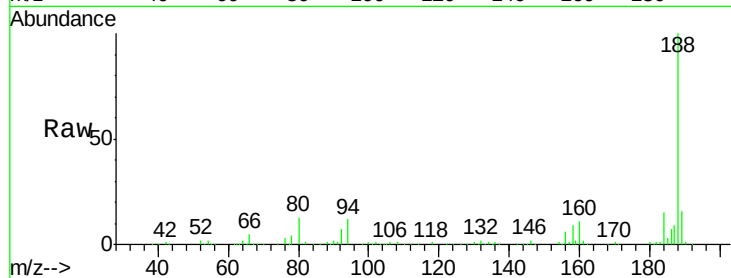




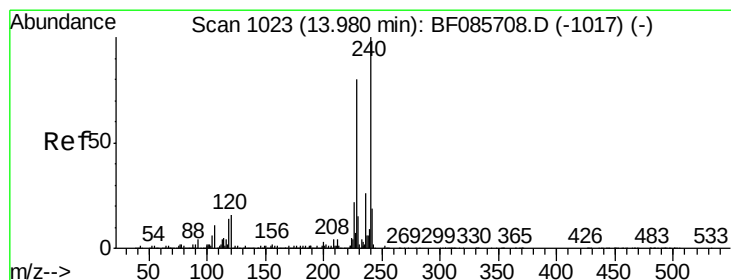
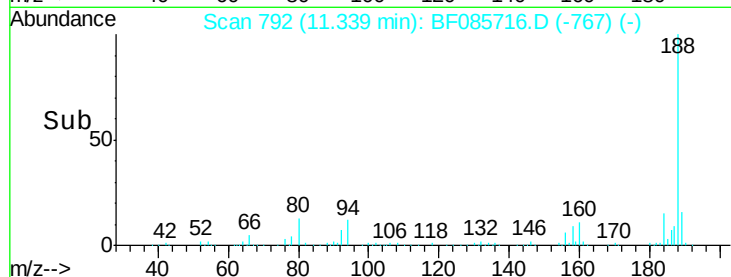
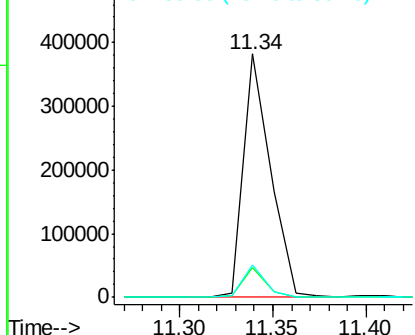
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Instrument :
BNA_F
ClientSampleId :
PB88875BL

Tgt Ion:188 Resp: 387509
Ion Ratio Lower Upper
188 100
94 12.5 5.4 8.0#
80 13.3 5.5 8.3#

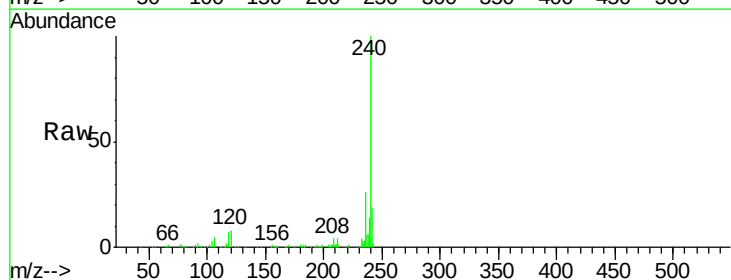


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

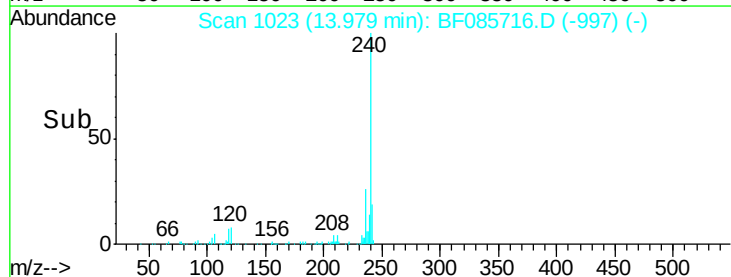
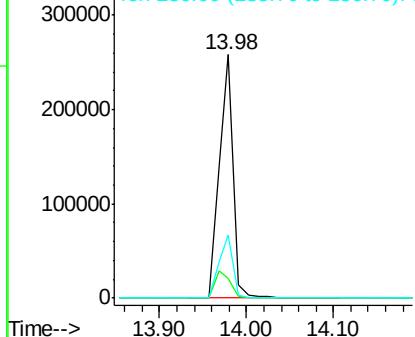


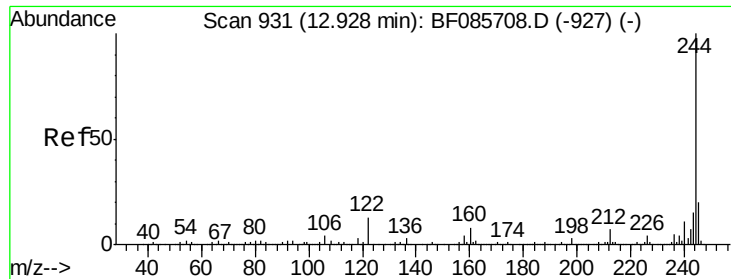
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085716.D
Acq: 24 Mar 2016 15:59

Tgt Ion:240 Resp: 291105
Ion Ratio Lower Upper
240 100
120 8.2 13.8 20.8#
236 26.0 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

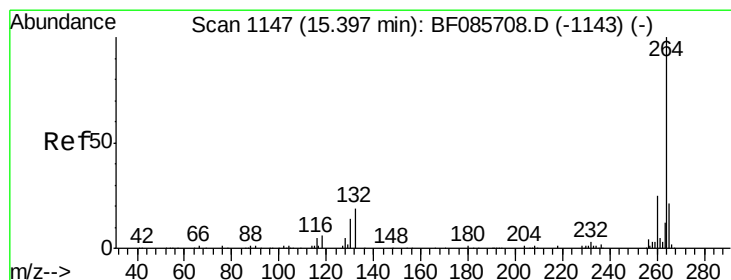
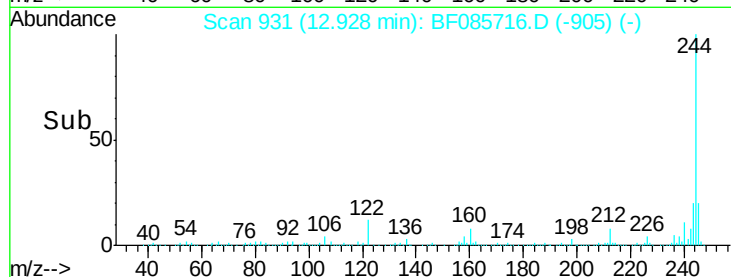
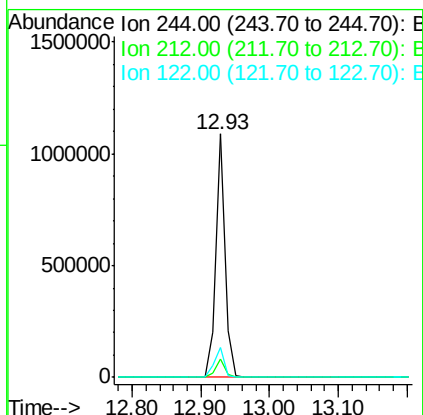
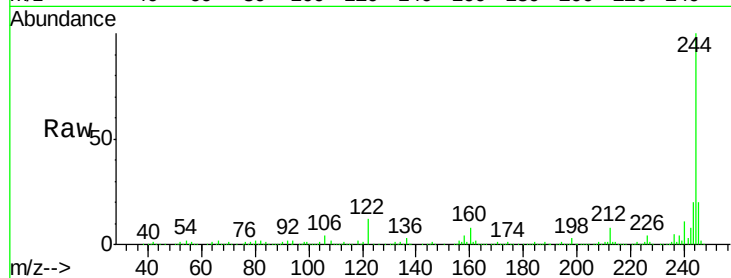




#78
 Terphenyl-d14
 Concen: 73.41 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BL

Tgt Ion:244 Resp: 1039123
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.4 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085716.D
 Acq: 24 Mar 2016 15:59

Tgt Ion:264 Resp: 190091
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.3 17.2 25.8

