

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085378.D
 Acq On : 11 Mar 2016 18:05
 Operator : UM/SJ
 Sample : PB88818BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BL

Quant Time: Mar 12 00:07:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	148834	20.00	ng	-0.06
21) Naphthalene-d8	8.22	136	624551	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	283815	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	528941	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	321952	20.00	ng	-0.05
86) Perylene-d12	15.57	264	254394	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1131526	127.53	ng	-0.03
7) Phenol-d6	6.56	99	1424287	122.52	ng	-0.05
23) Nitrobenzene-d5	7.50	82	899277	77.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	304677	125.46	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1381915	74.05	ng	-0.06
78) Terphenyl-d14	13.05	244	1272234	91.73	ng	-0.03

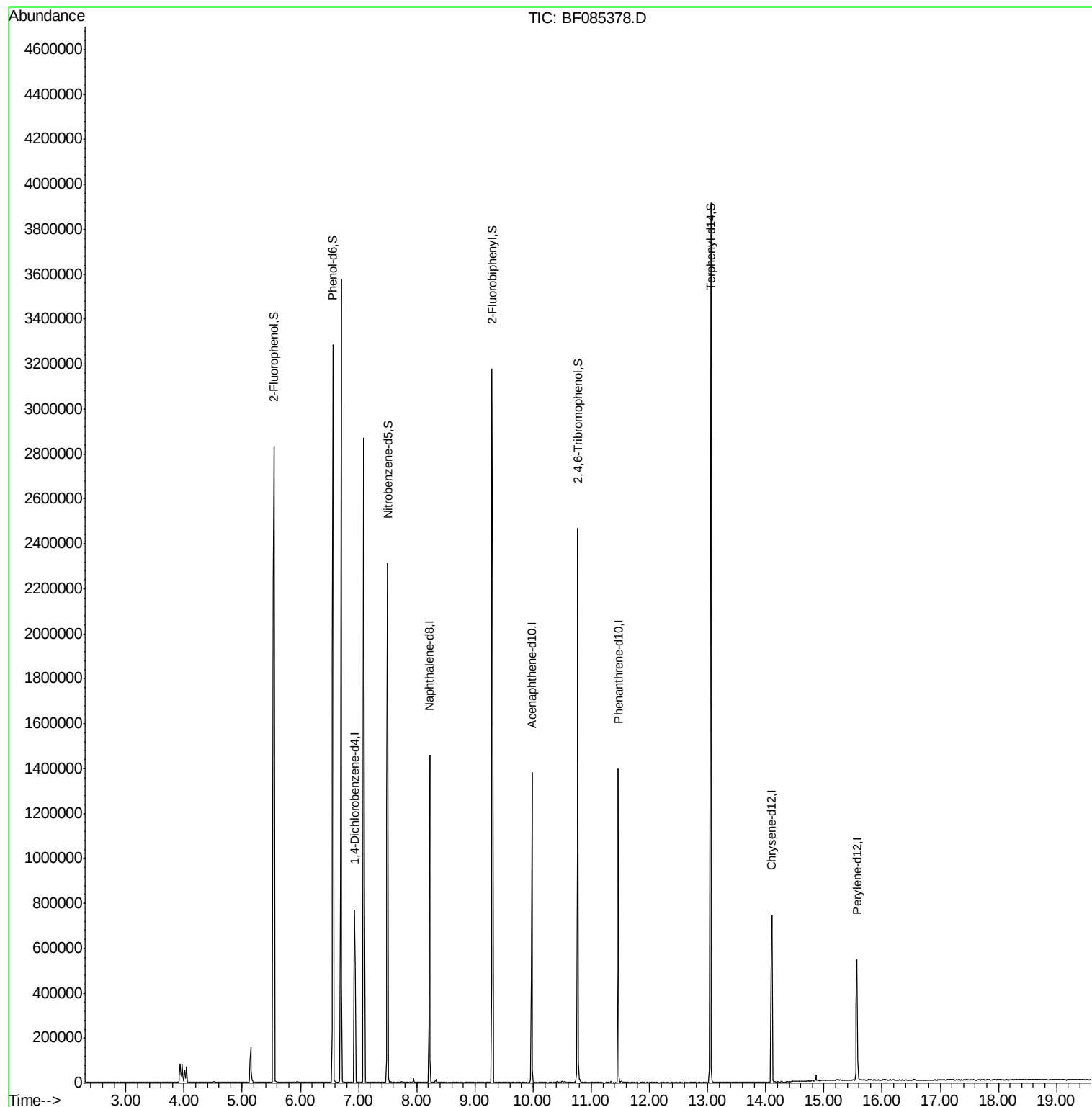
Target Compounds	Qvalue
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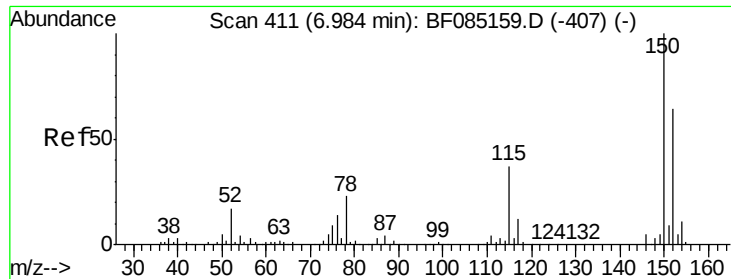
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Instrument :

BNA_F

ClientSampleId :

PB88818BL

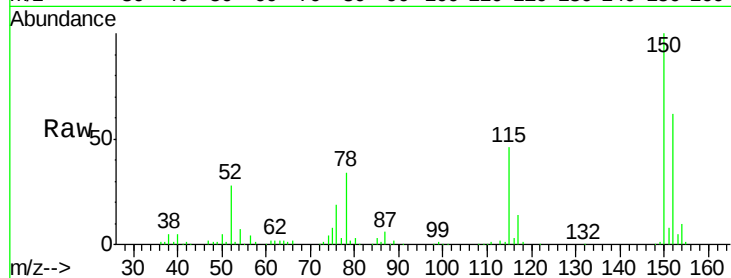
Tgt Ion:152 Resp: 148834

Ion Ratio Lower Upper

152 100

150 160.4 124.6 186.8

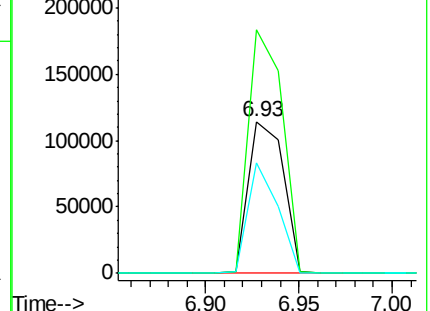
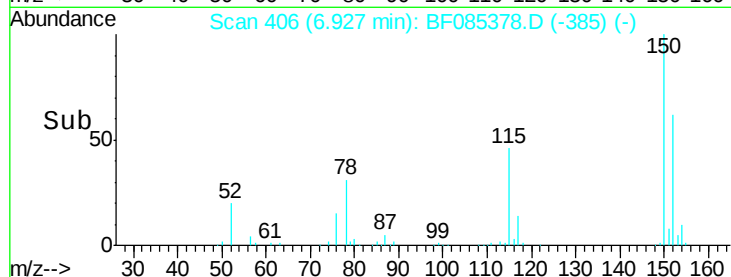
115 73.2 46.6 70.0#



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: 127.53 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

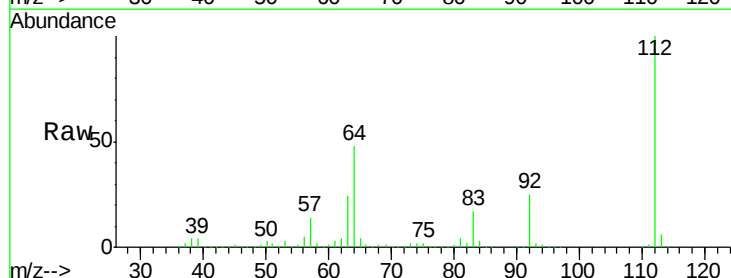
Tgt Ion:112 Resp: 1131526

Ion Ratio Lower Upper

112 100

64 47.5 49.0 73.4#

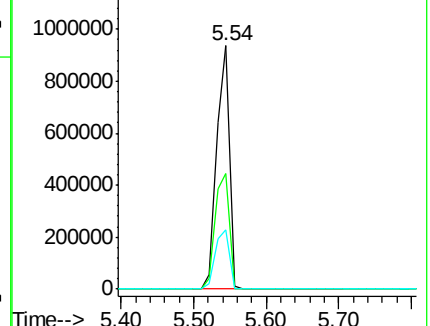
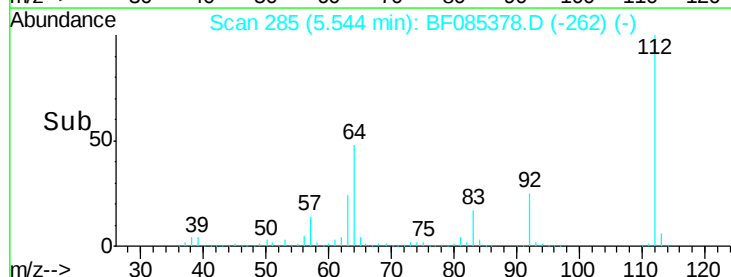
63 24.4 24.8 37.2#



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: 122.52 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Instrument :

BNA_F

ClientSampleId :

PB88818BL

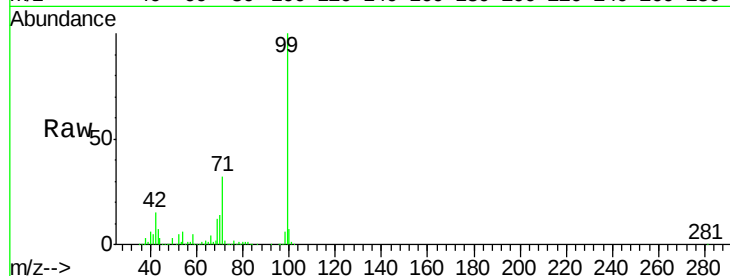
Tgt Ion: 99 Resp: 1424287

Ion Ratio Lower Upper

99 100

42 14.7 13.6 20.4

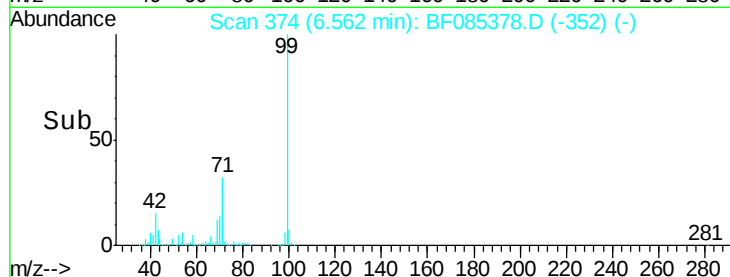
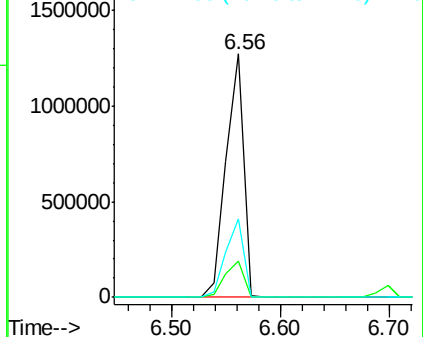
71 32.1 26.7 40.1



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: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085378.D

Acq: 11 Mar 2016 18:05

Tgt Ion: 136 Resp: 624551

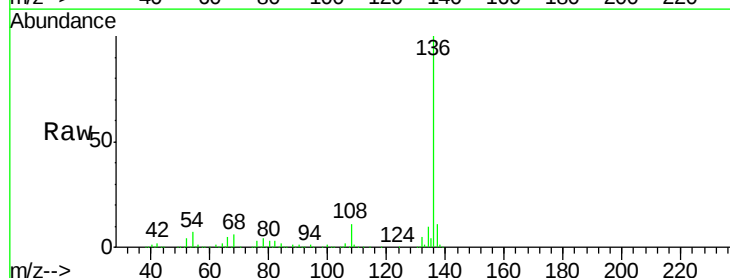
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.0 7.4 11.2#

68 5.9 6.0 9.0#

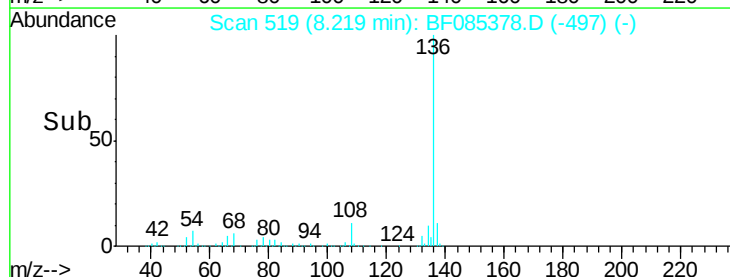
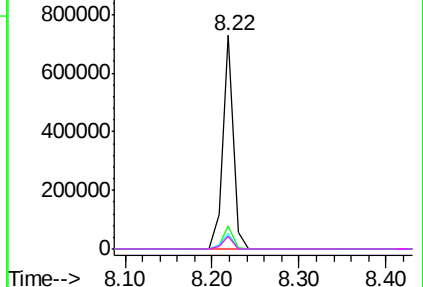


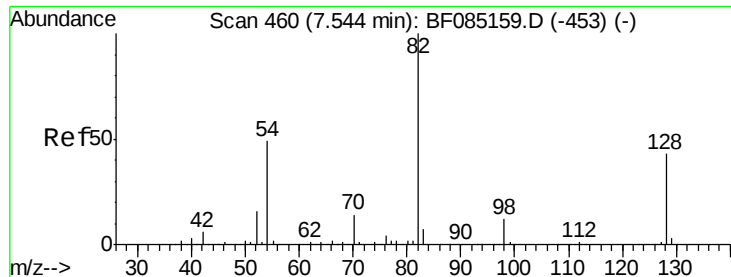
Abundance Ion 136.00 (135.70 to 136.70): E

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

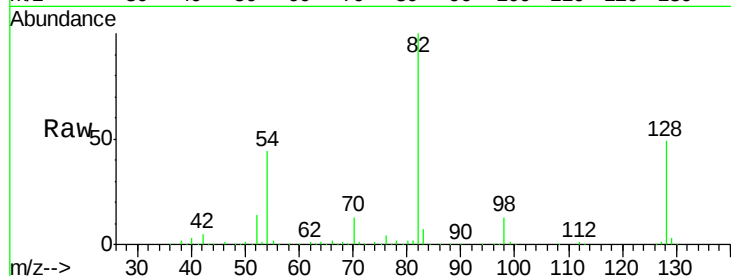




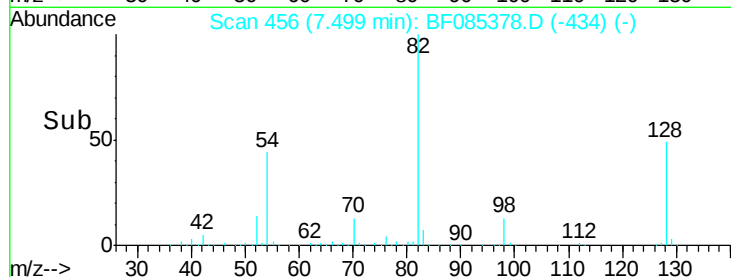
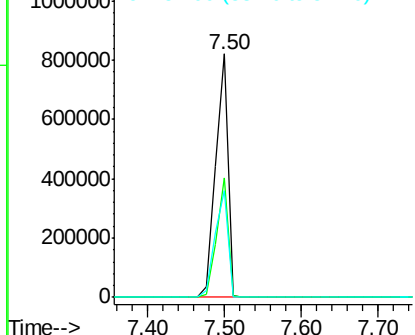
#23
 Nitrobenzene-d5
 Concen: 77.05 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Instrument :
 BNA_F
 ClientSampled :
 PB88818BL

Tgt Ion: 82 Resp: 899277
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.5 51.7
 54 43.8 39.3 58.9

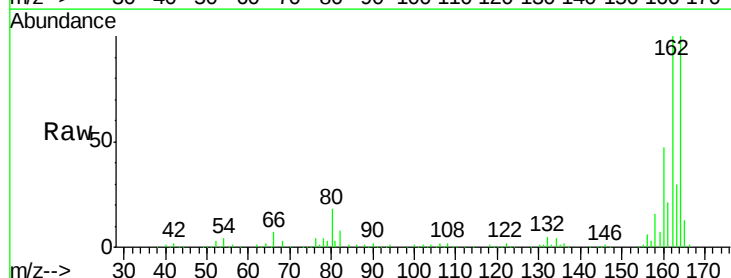


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

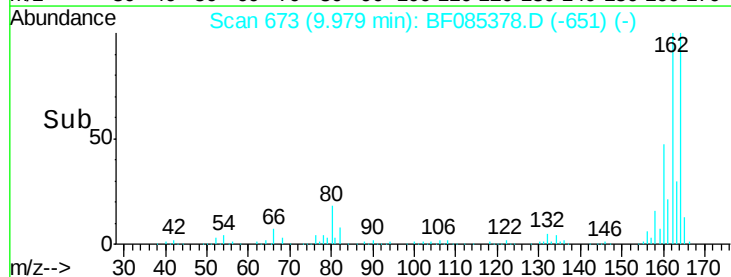
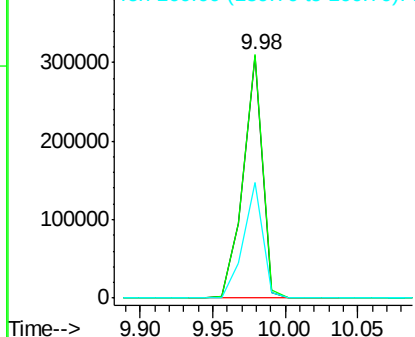


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Tgt Ion: 164 Resp: 283815
 Ion Ratio Lower Upper
 164 100
 162 100.5 83.3 124.9
 160 47.5 37.9 56.9



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

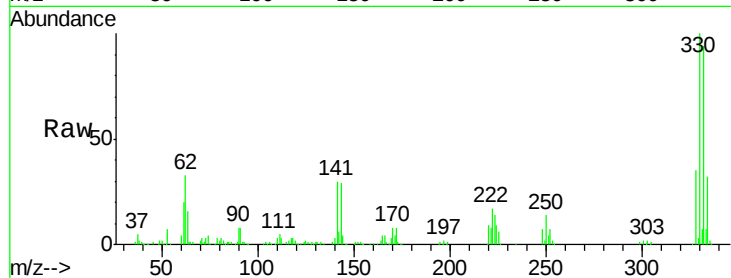




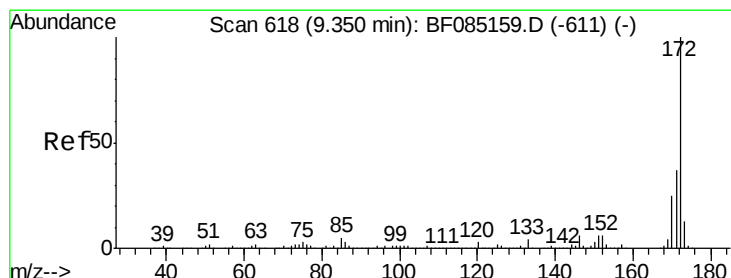
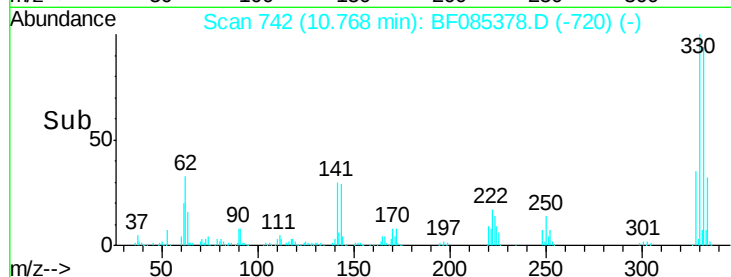
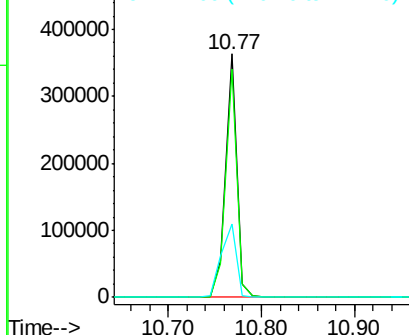
#41
 2,4,6-Tribromophenol
 Concen: 125.46 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	39.9	35.0	52.6

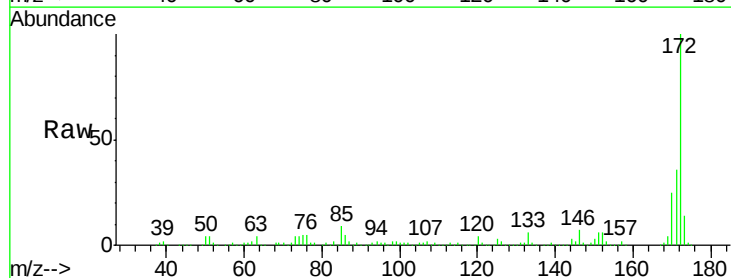


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

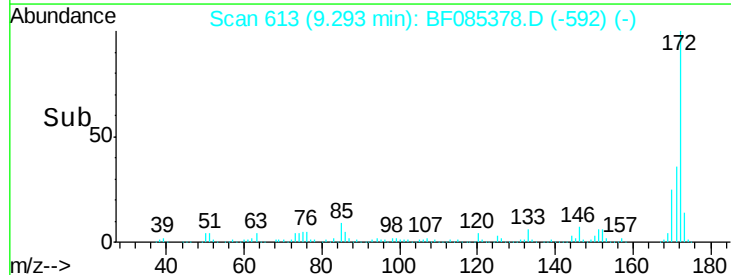
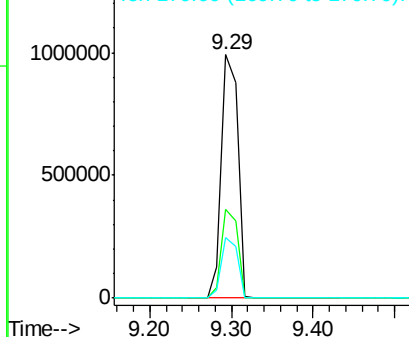


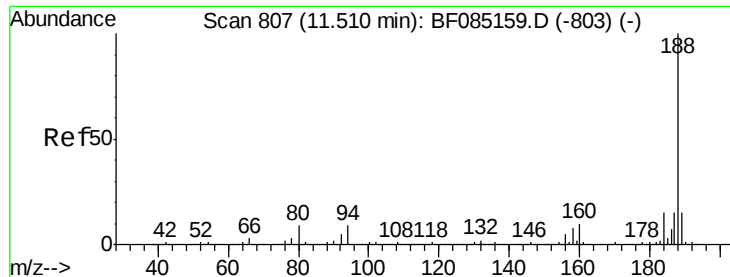
#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.8	20.0	30.0



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

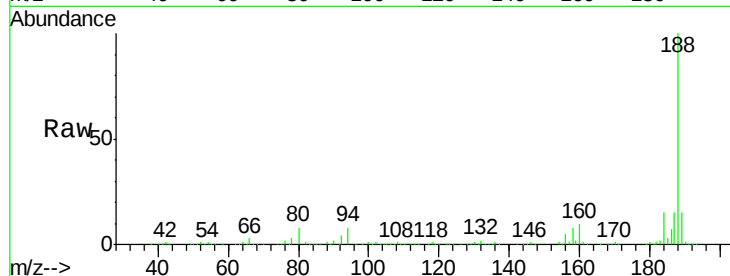




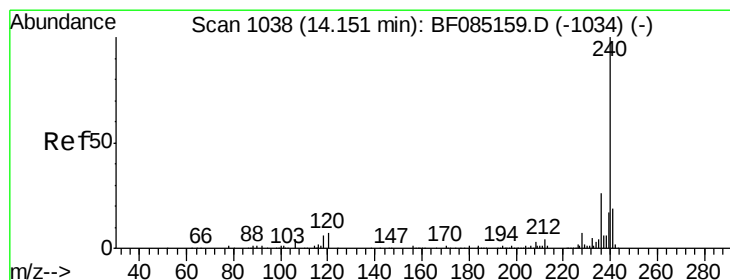
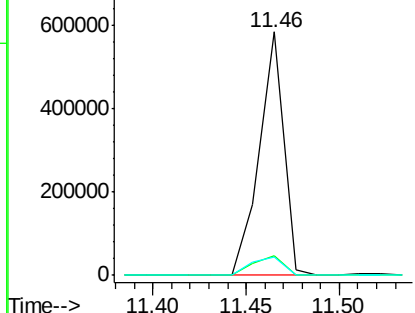
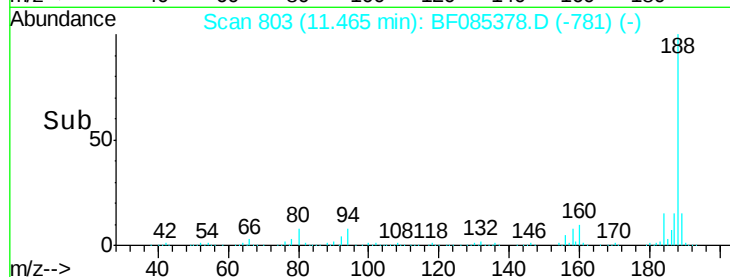
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085378.D
Acq: 11 Mar 2016 18:05

Instrument :
BNA_F
ClientSampleId :
PB88818BL

Tgt Ion:188 Resp: 528941
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 7.8 7.4 11.0

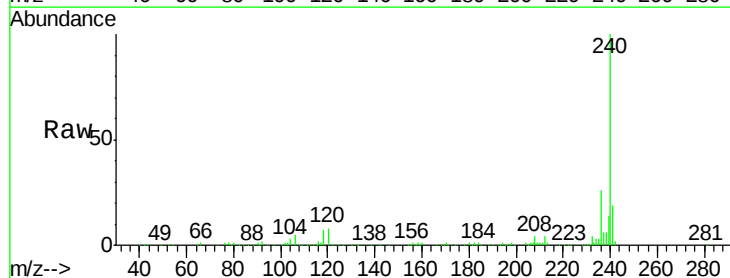


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

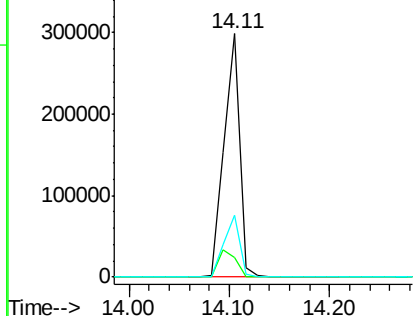
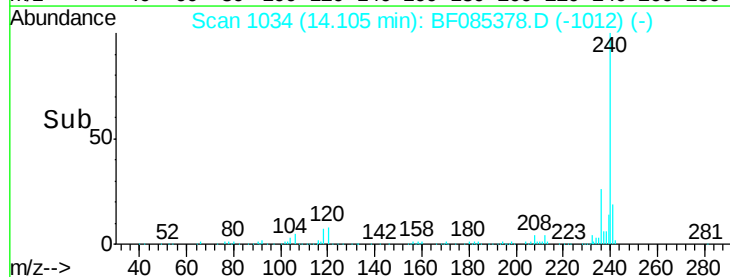


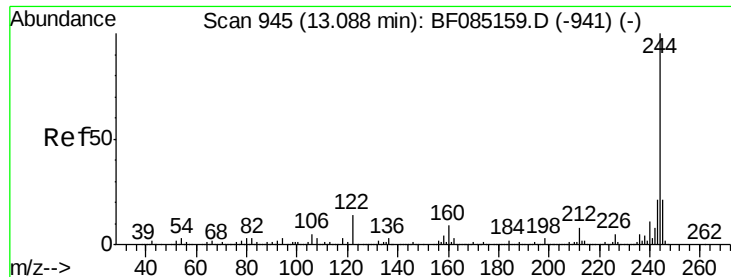
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085378.D
Acq: 11 Mar 2016 18:05

Tgt Ion:240 Resp: 321952
Ion Ratio Lower Upper
240 100
120 8.3 5.3 7.9#
236 25.6 20.7 31.1



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

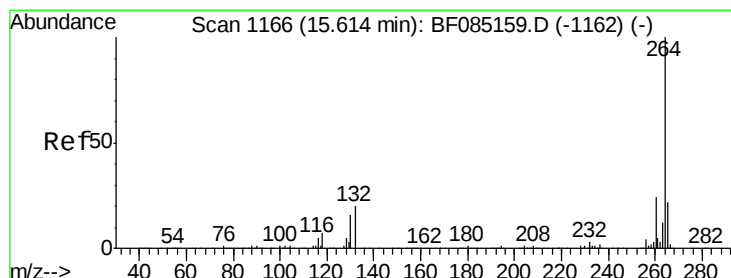
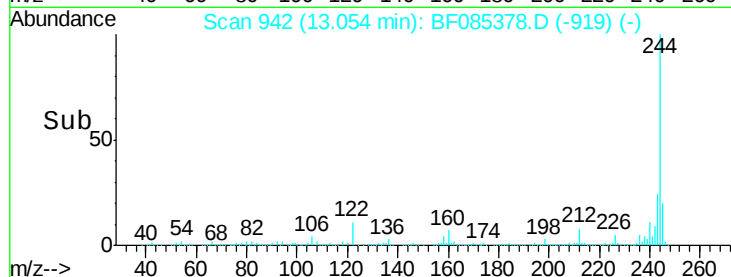
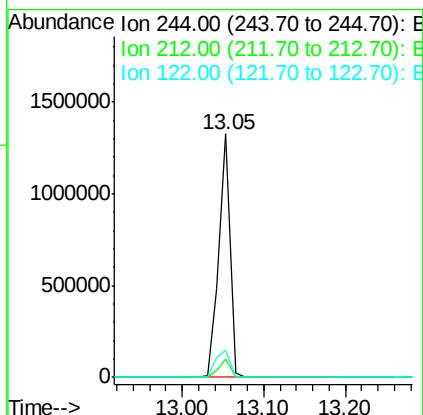
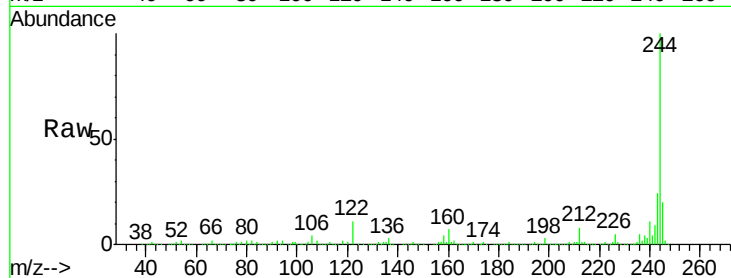




#78
 Terphenyl-d14
 Concen: 91.73 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BL

Tgt Ion:244 Resp: 1272234
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.4 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085378.D
 Acq: 11 Mar 2016 18:05

Tgt Ion:264 Resp: 254394
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.4 17.3 25.9

