

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
 Data File : BF085462.D
 Acq On : 15 Mar 2016 19:01
 Operator : UM/SJ
 Sample : PB88908BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88908BL

Quant Time: Mar 16 04:53:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143025	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	619887	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	284240	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	540234	20.00	ng	0.00
75) Chrysene-d12	14.07	240	372818	20.00	ng	-0.01
86) Perylene-d12	15.52	264	262047	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1047625	125.91	ng	0.01
7) Phenol-d6	6.54	99	1158090	107.30	ng	-0.01
23) Nitrobenzene-d5	7.48	82	892126	85.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	331133	126.48	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1401103	85.52	ng	-0.01
78) Terphenyl-d14	13.03	244	1459783	88.58	ng	0.00

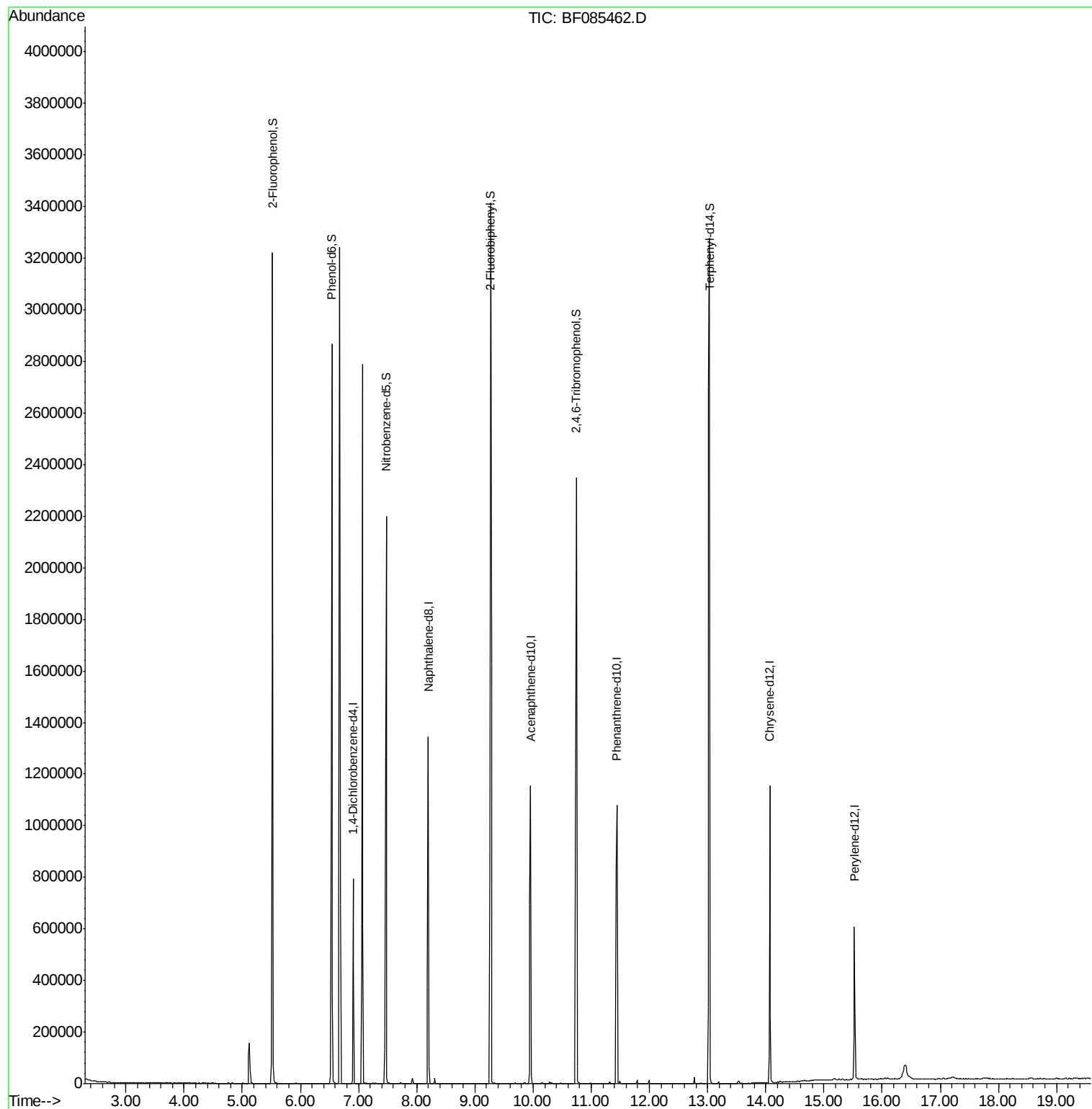
Target Compounds	Qvalue
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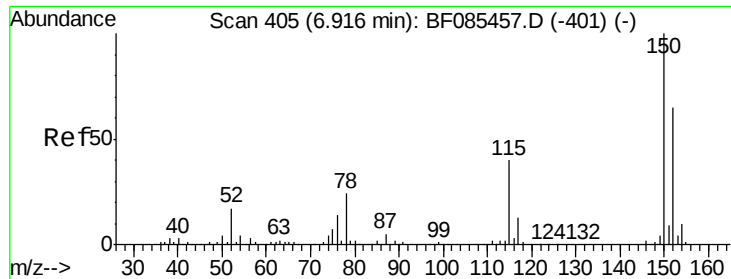
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085462.D

Acq: 15 Mar 2016 19:01

Instrument :

BNA_F

ClientSampleId :

PB88908BL

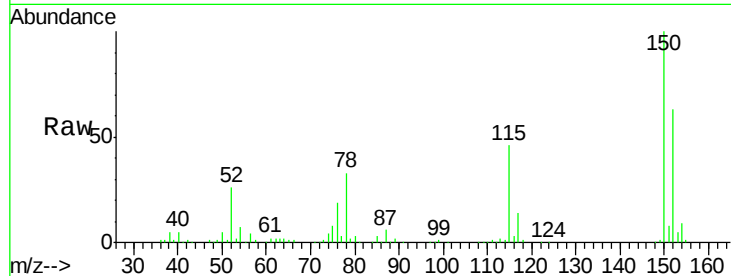
Tgt Ion:152 Resp: 143025

Ion Ratio Lower Upper

152 100

150 159.3 124.6 186.8

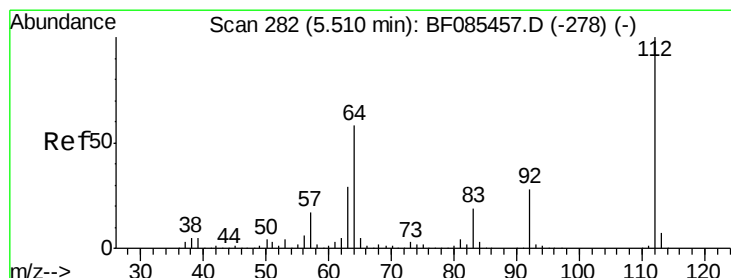
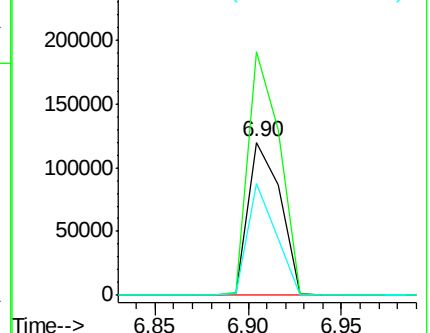
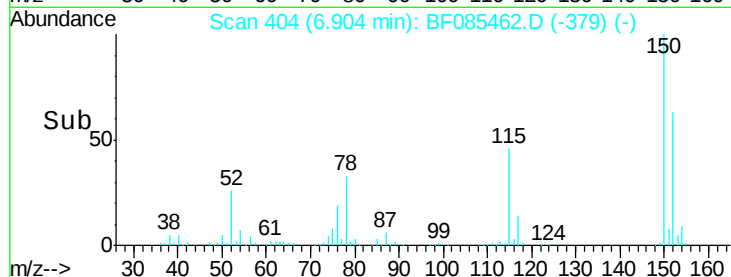
115 72.8 46.6 70.0#



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: 125.91 ng

RT: 5.52 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF085462.D

Acq: 15 Mar 2016 19:01

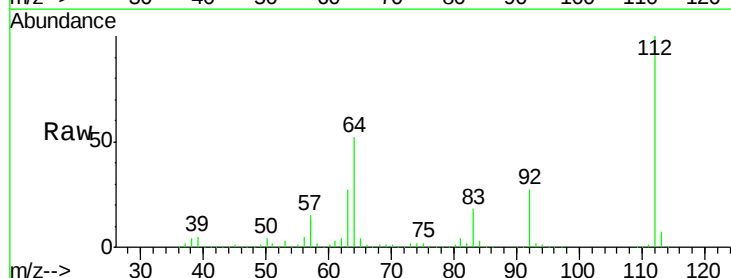
Tgt Ion:112 Resp: 1047625

Ion Ratio Lower Upper

112 100

64 52.4 49.0 73.4

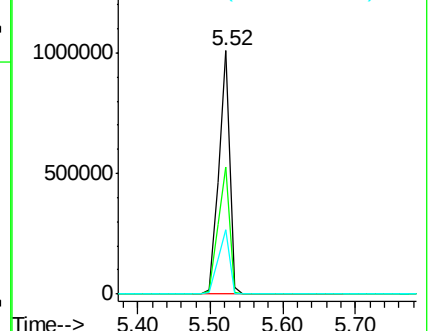
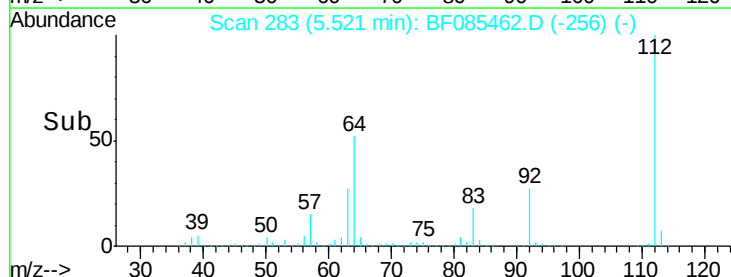
63 26.7 24.8 37.2

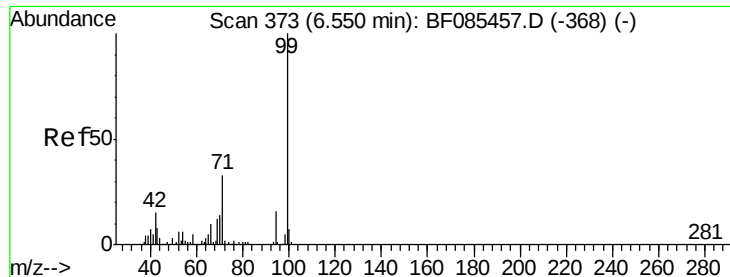


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.30 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF085462.D

Acq: 15 Mar 2016 19:01

Instrument :

BNA_F

ClientSampleId :

PB88908BL

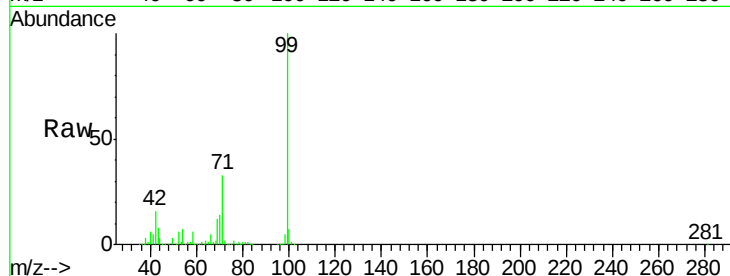
Tgt Ion: 99 Resp: 1158090

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

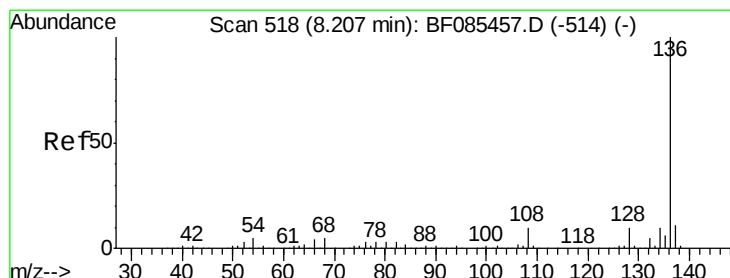
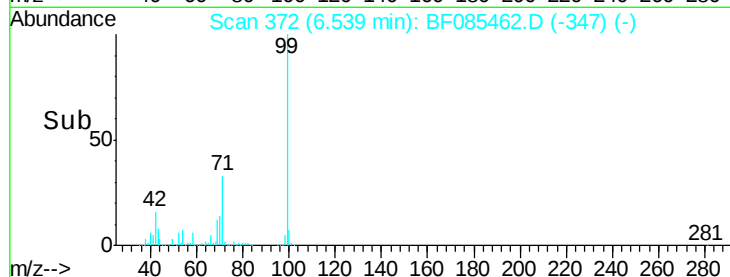
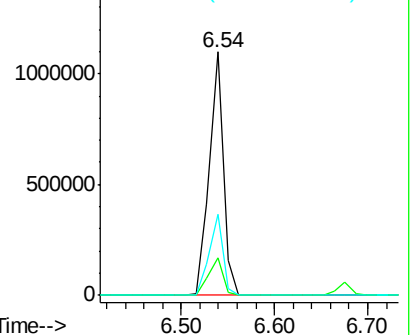
71 33.0 26.7 40.1



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: 8.20 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF085462.D

Acq: 15 Mar 2016 19:01

Tgt Ion: 136 Resp: 619887

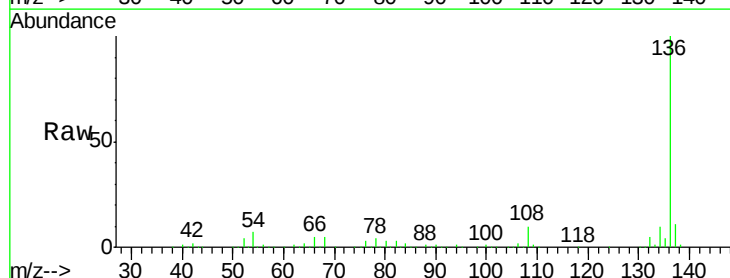
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.5 7.4 11.2#

68 5.5 6.0 9.0#

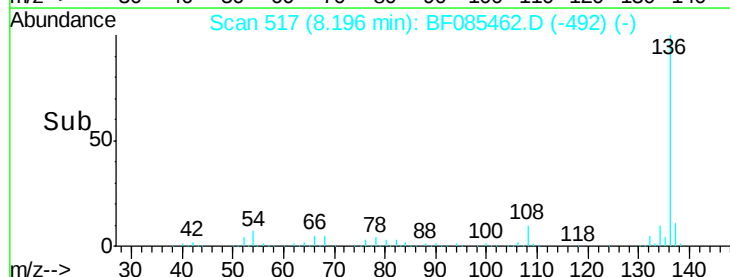
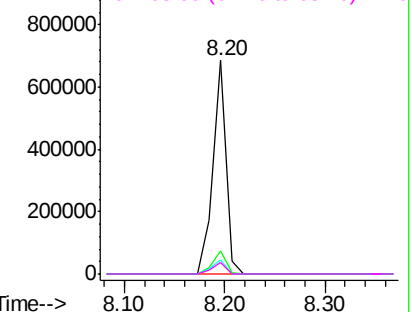


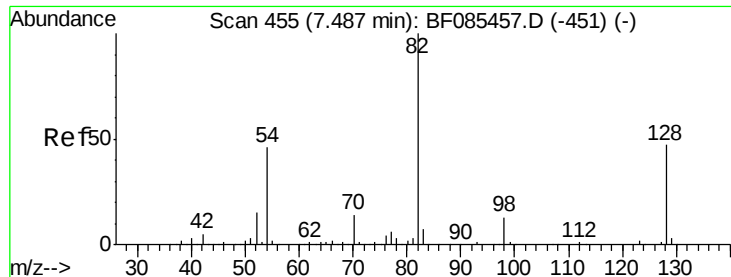
Abundance Ion 136.00 (135.70 to 136.70): E

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

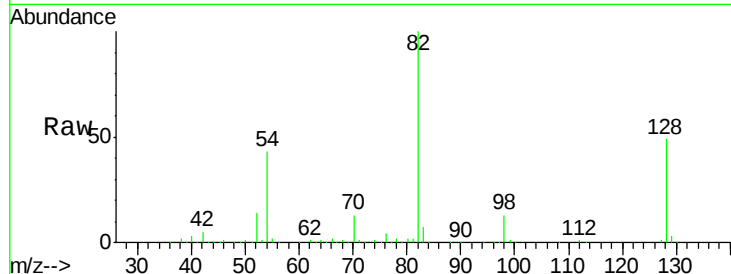




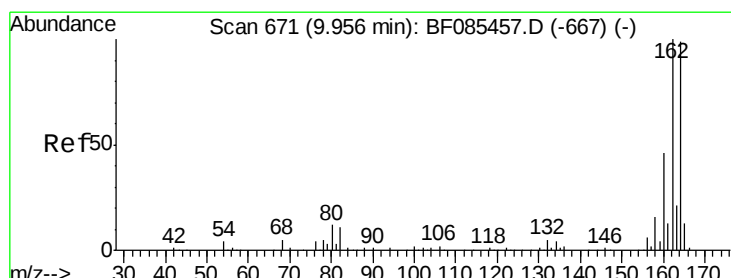
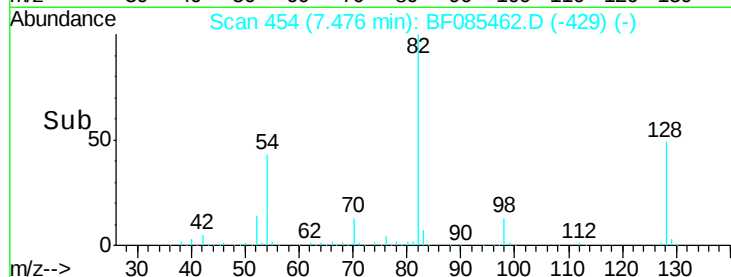
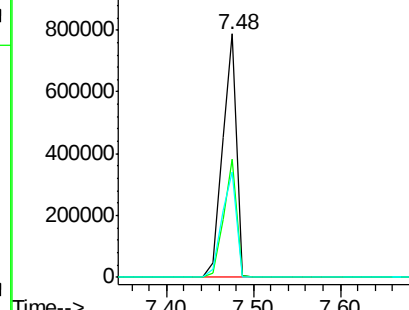
#23
 Nitrobenzene-d5
 Concen: 85.09 ng
 RT: 7.48 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF085462.D
 Acq: 15 Mar 2016 19:01

Instrument :
 BNA_F
 ClientSampled :
 PB88908BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.5	51.7
54	43.3	39.3	58.9

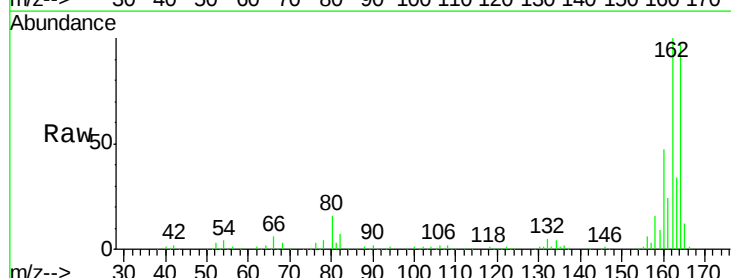


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

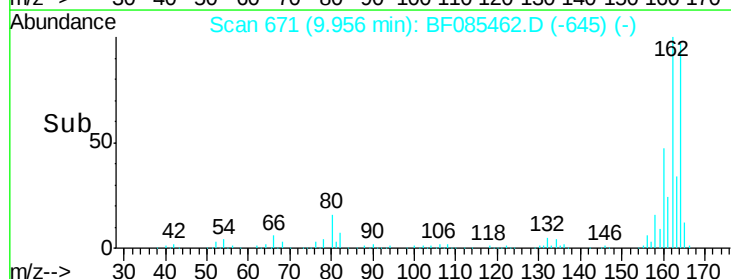
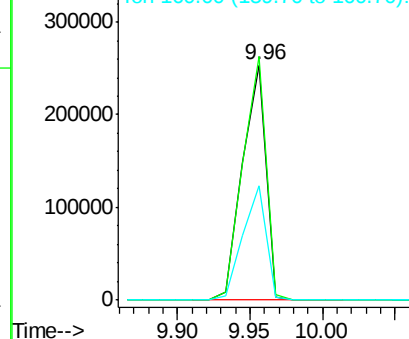


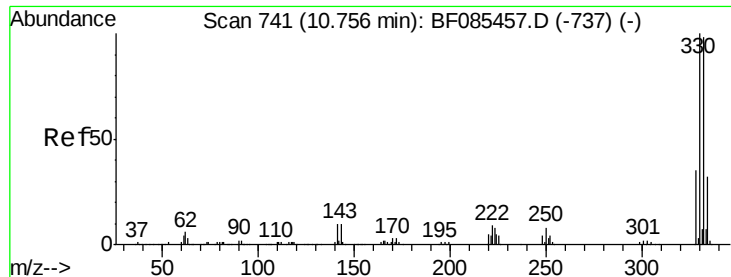
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF085462.D
 Acq: 15 Mar 2016 19:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.3	124.9
160	48.5	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

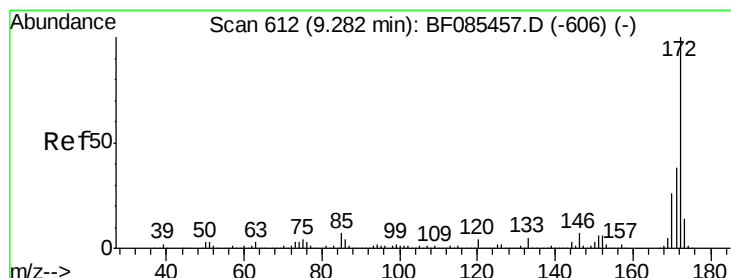
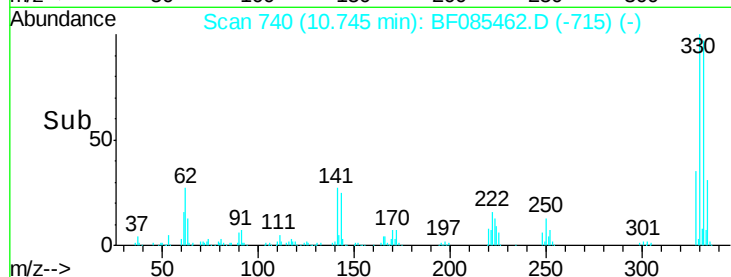
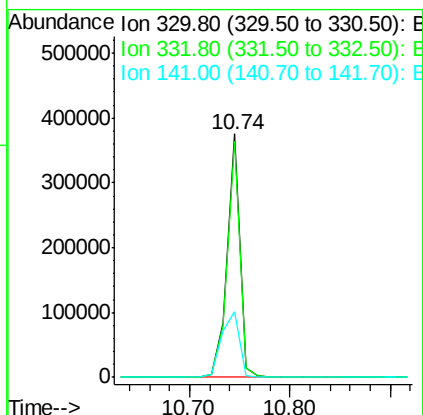
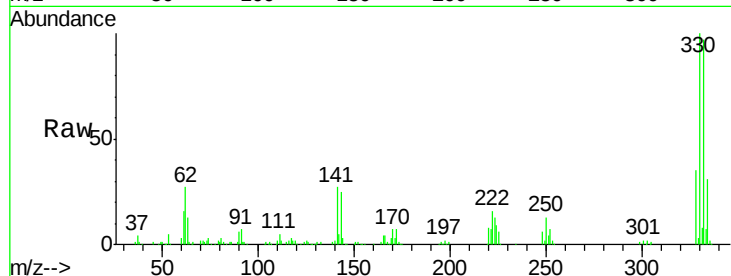




#41
 2,4,6-Tribromophenol
 Concen: 126.48 ng
 RT: 10.74 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF085462.D
 Acq: 15 Mar 2016 19:01

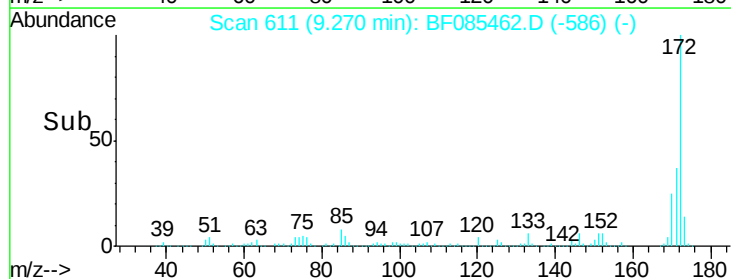
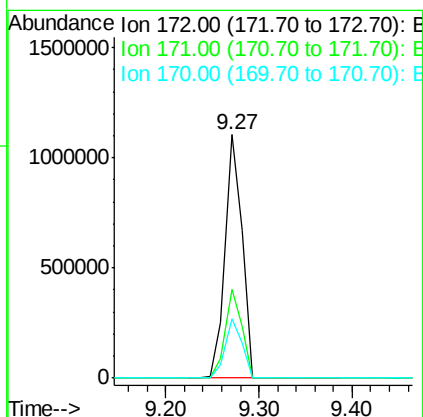
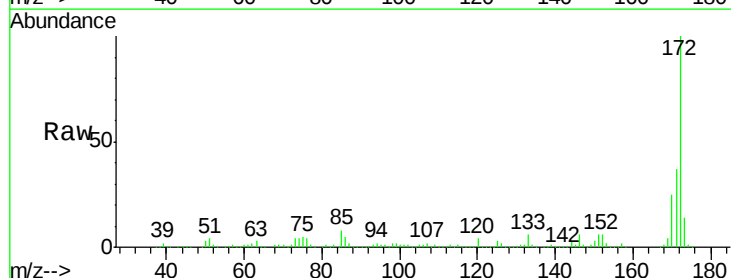
Instrument :
 BNA_F
 ClientSampleId :
 PB88908BL

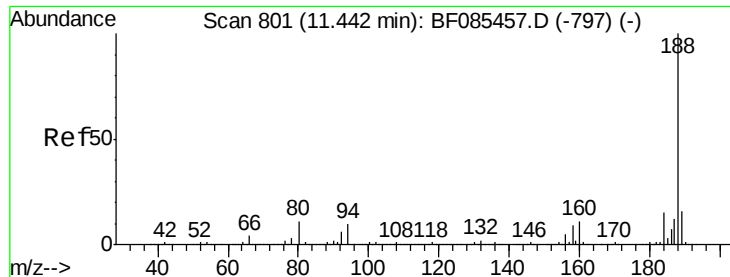
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	37.8	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 85.52 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085462.D
 Acq: 15 Mar 2016 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.5	20.0	30.0

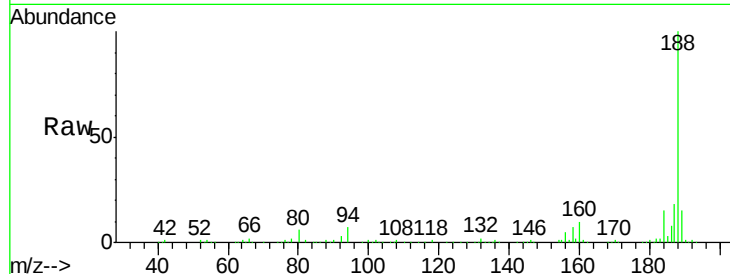




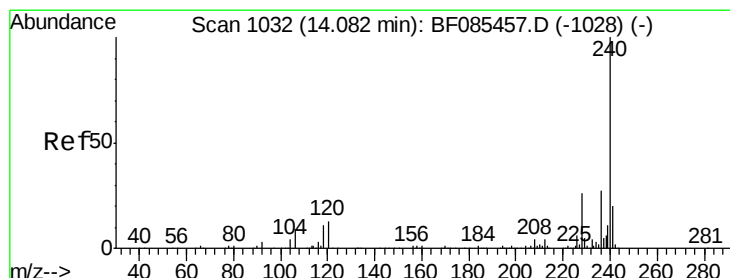
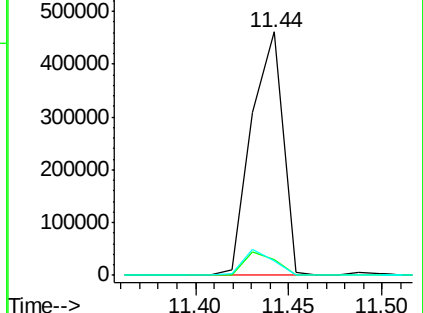
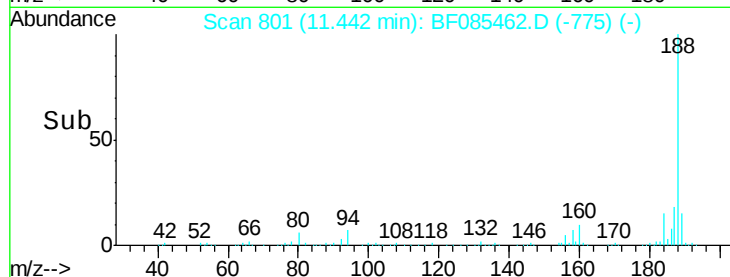
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF085462.D
Acq: 15 Mar 2016 19:01

Instrument :
BNA_F
ClientSampleId :
PB88908BL

Tgt Ion:188 Resp: 540234
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6#
80 6.1 7.4 11.0#

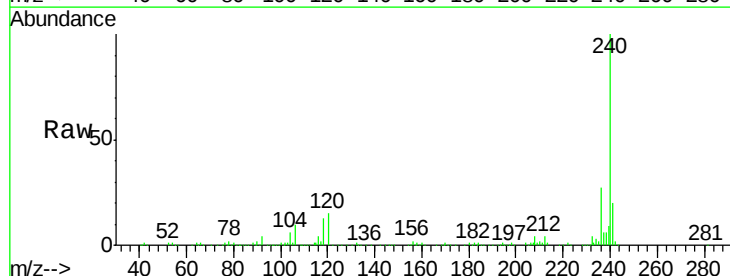


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

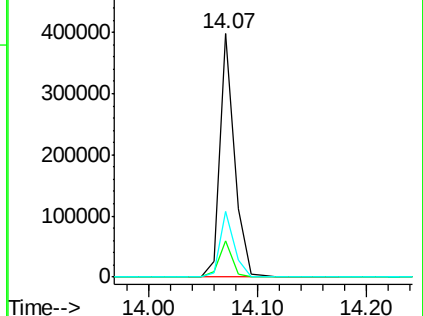
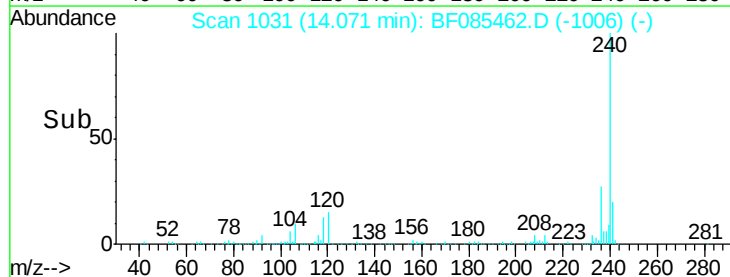


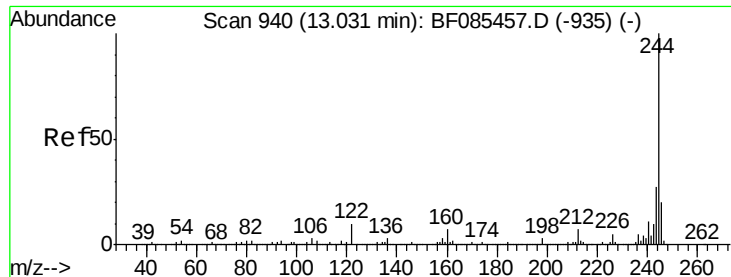
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF085462.D
Acq: 15 Mar 2016 19:01

Tgt Ion:240 Resp: 372818
Ion Ratio Lower Upper
240 100
120 15.1 5.3 7.9#
236 27.0 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

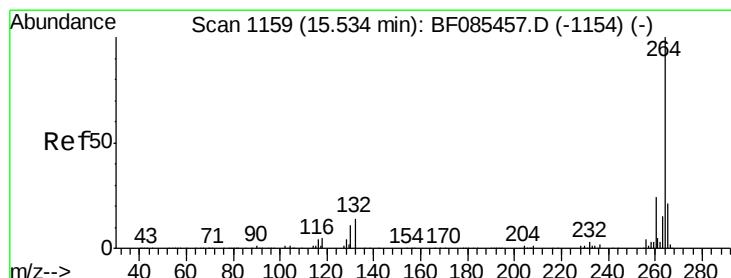
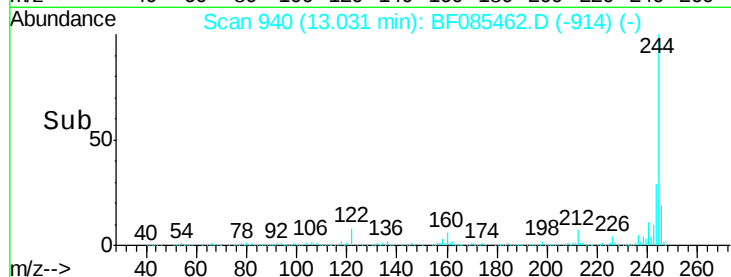
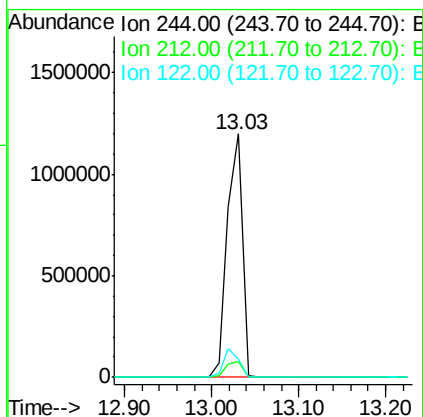
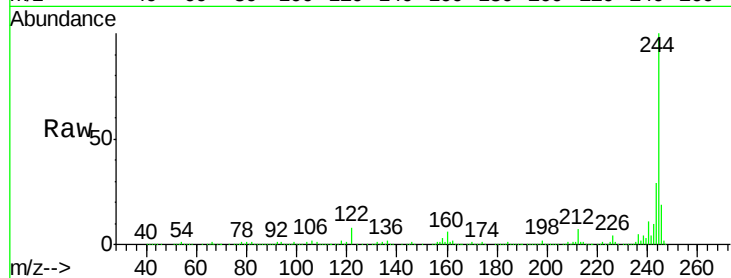




#78
 Terphenyl-d14
 Concen: 88.58 ng
 RT: 13.03 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF085462.D
 Acq: 15 Mar 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PB88908BL

Tgt Ion:244 Resp: 1459783
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 7.5 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF085462.D
 Acq: 15 Mar 2016 19:01

Tgt Ion:264 Resp: 262047
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.8 17.3 25.9

