

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085944.D
 Acq On : 31 Mar 2016 23:12
 Operator : UM/SJ
 Sample : PB89327BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BL

Quant Time: Apr 01 00:39:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111190	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	437532	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	198699	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	326729	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	203770	20.00	ng	-0.02
86) Perylene-d12	15.36	264	204733	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	809428	121.24	ng	0.00
7) Phenol-d6	6.44	99	1022967	120.51	ng	-0.01
23) Nitrobenzene-d5	7.36	82	602567	77.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	209329	110.88	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1075587	90.44	ng	-0.01
78) Terphenyl-d14	12.89	244	703357	70.99	ng	-0.01

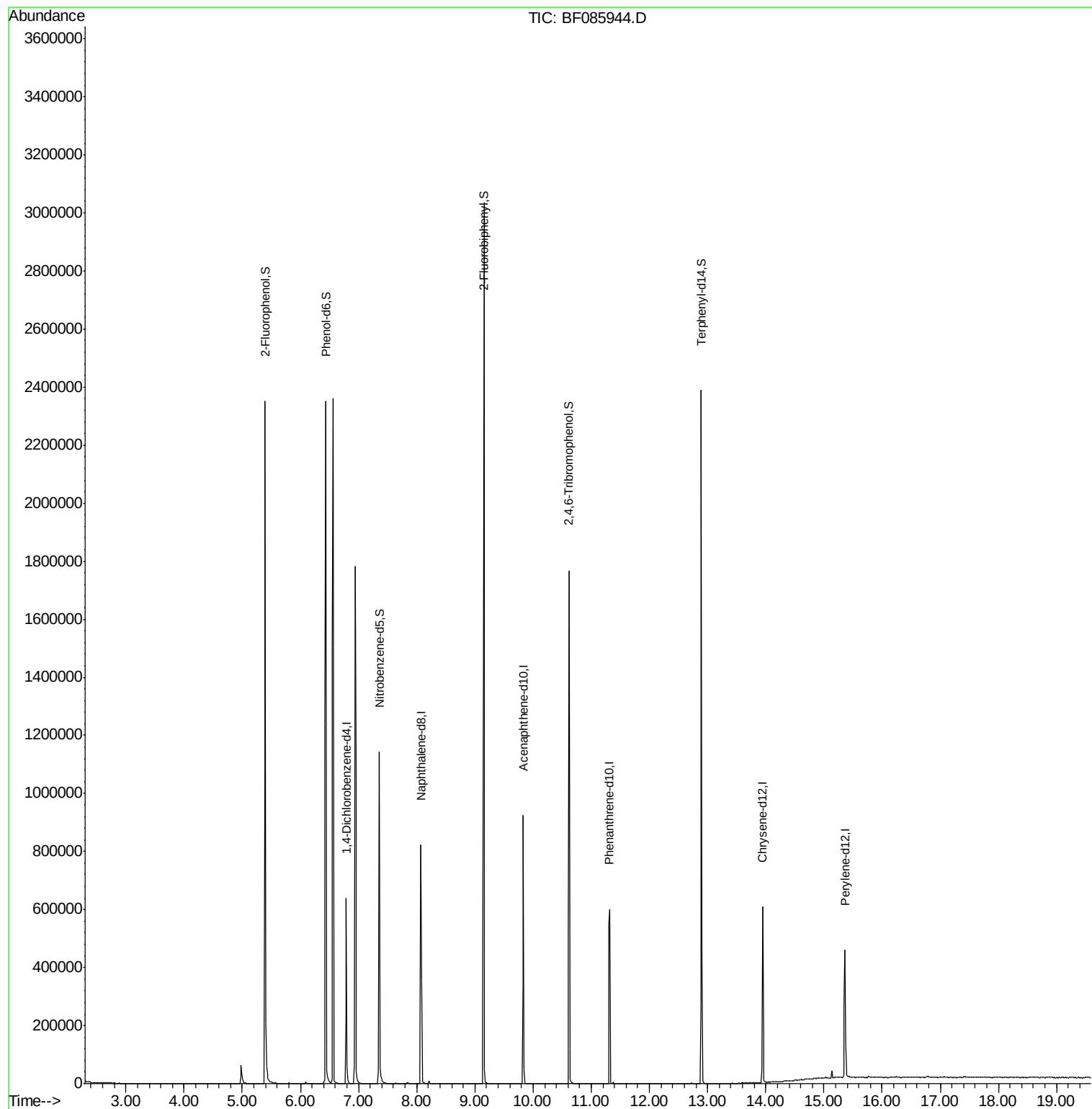
Target Compounds	Qvalue
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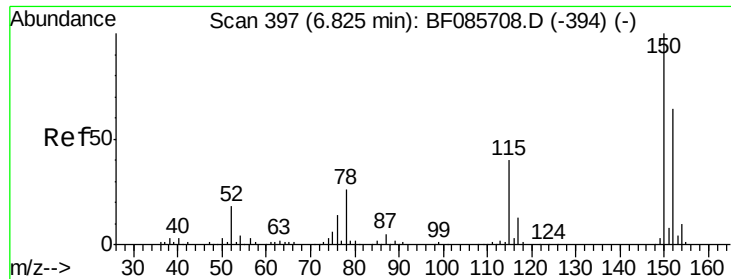
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

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BNA_F

ClientSampleId :

PB89327BL

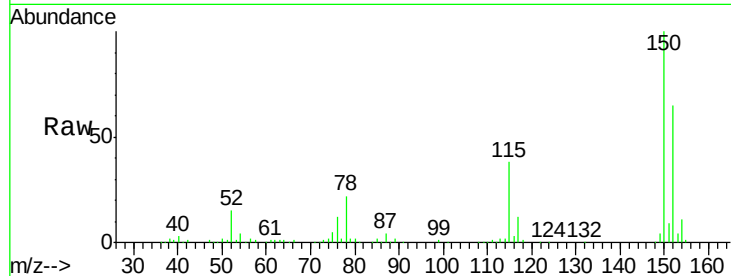
Tgt Ion:152 Resp: 111190

Ion Ratio Lower Upper

152 100

150 153.5 124.2 186.2

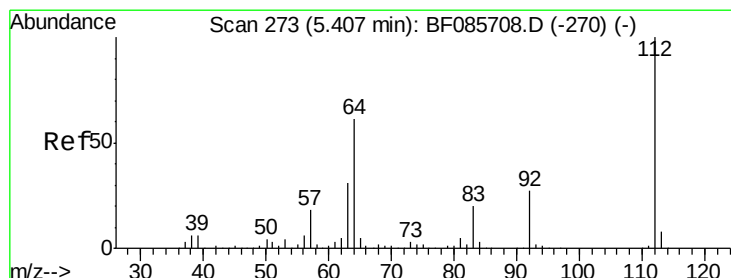
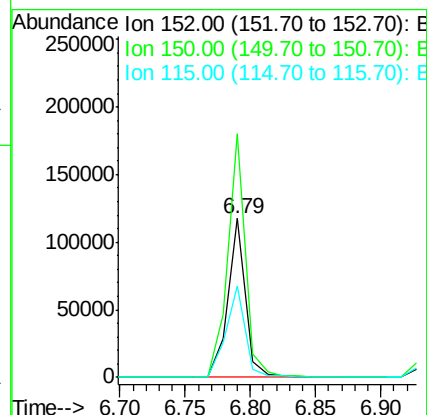
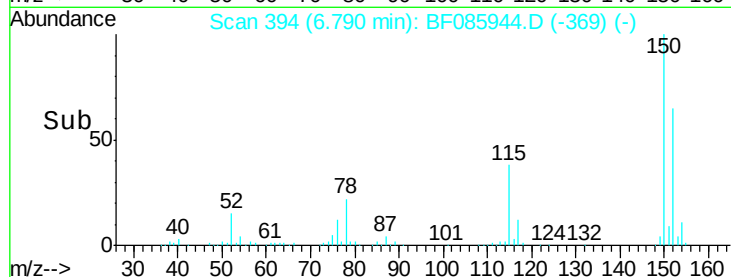
115 57.6 47.0 70.6



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: 121.24 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

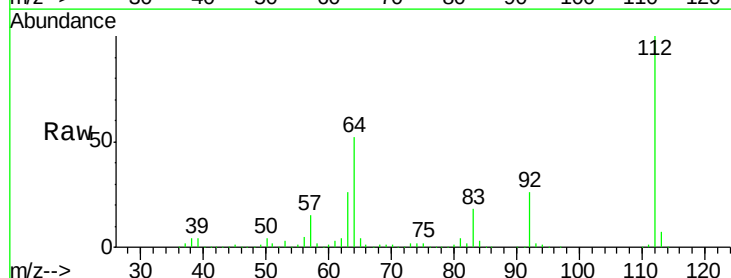
Tgt Ion:112 Resp: 809428

Ion Ratio Lower Upper

112 100

64 51.6 39.9 59.9

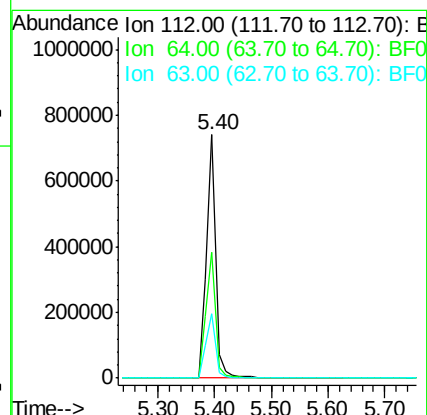
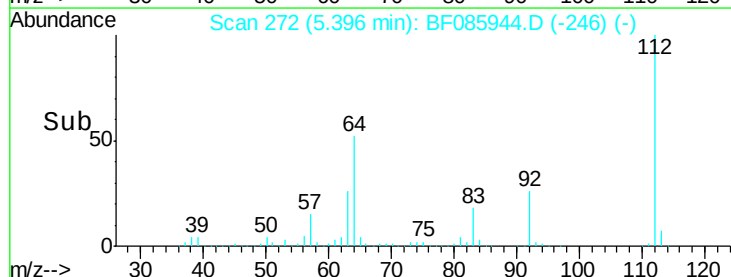
63 26.3 20.2 30.2

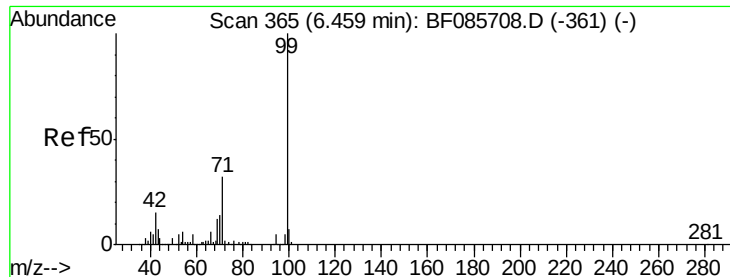


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.51 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

Instrument :

BNA_F

ClientSampleId :

PB89327BL

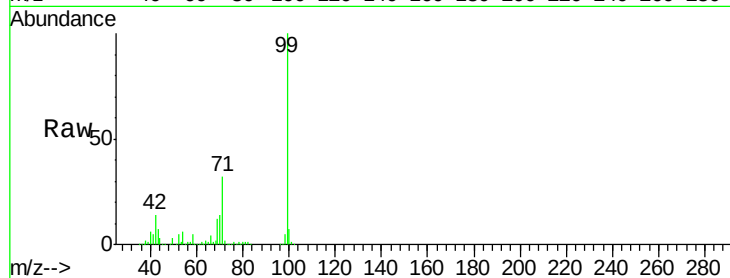
Tgt Ion: 99 Resp: 1022967

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

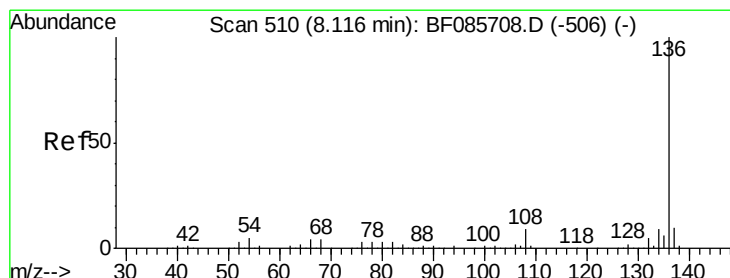
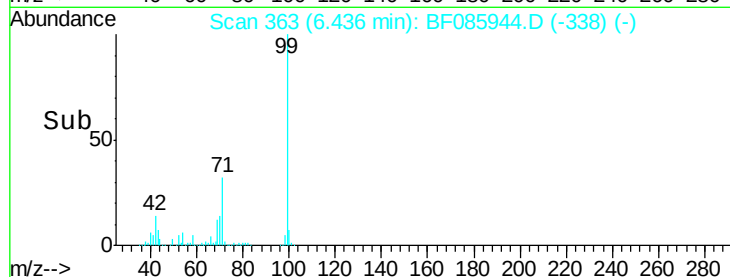
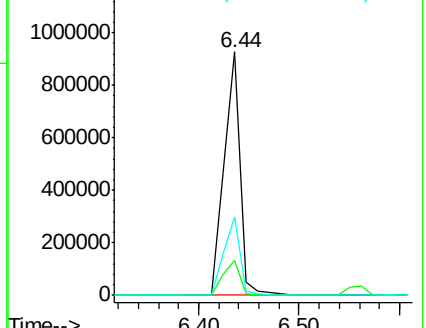
71 32.1 24.9 37.3



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: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

Tgt Ion: 136 Resp: 437532

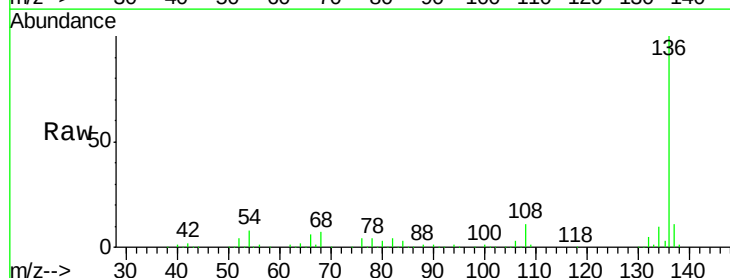
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.1 7.4 11.0

68 6.6 5.8 8.8

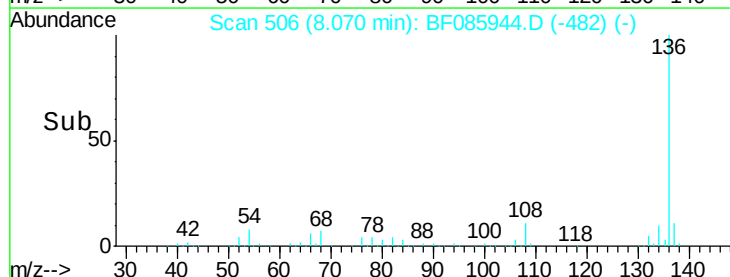
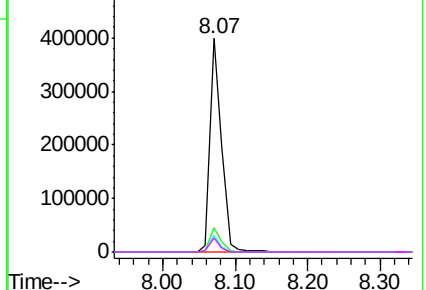


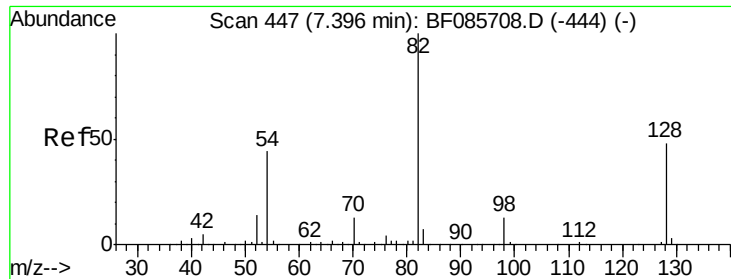
Abundance Ion 136.00 (135.70 to 136.70): E

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

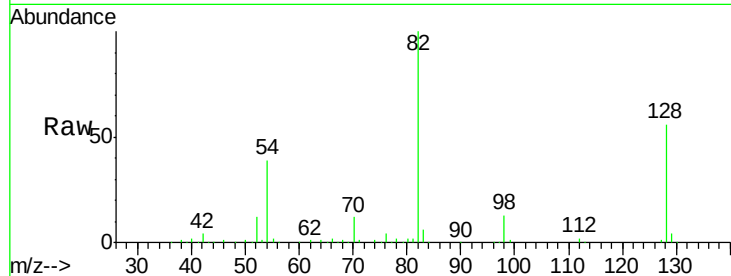




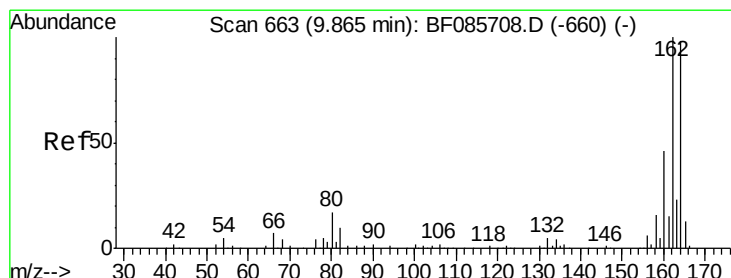
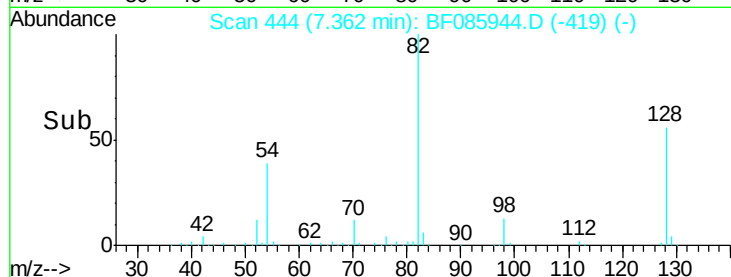
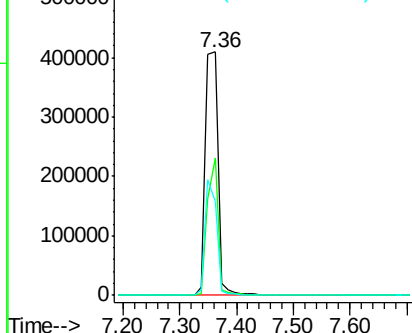
#23
 Nitrobenzene-d5
 Concen: 77.55 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.3	41.8	62.8
54	38.8	33.4	50.0

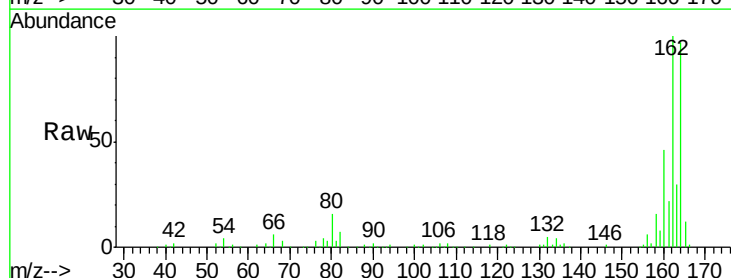


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

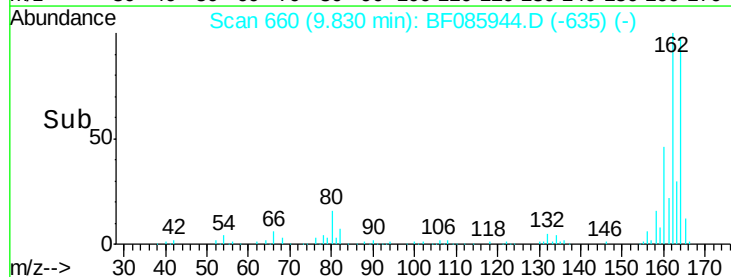
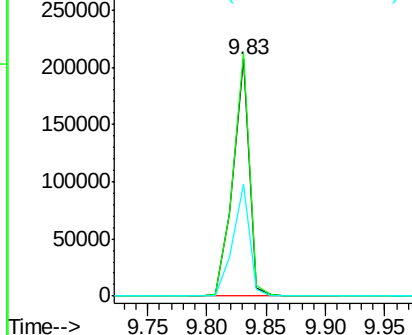


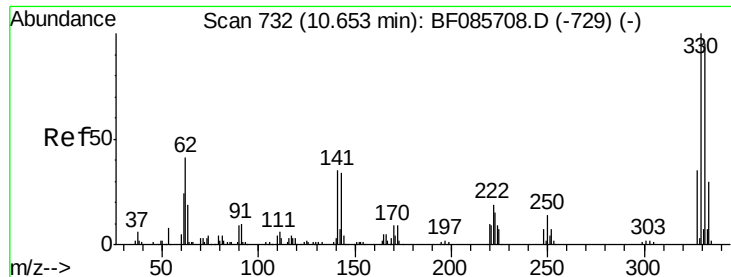
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.1	123.1
160	47.2	37.4	56.2



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

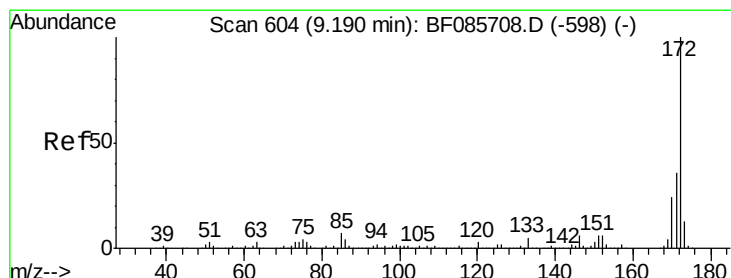
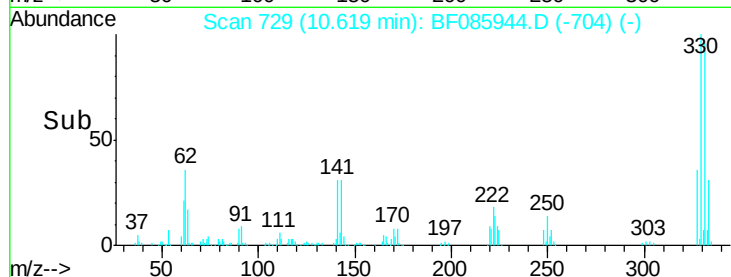
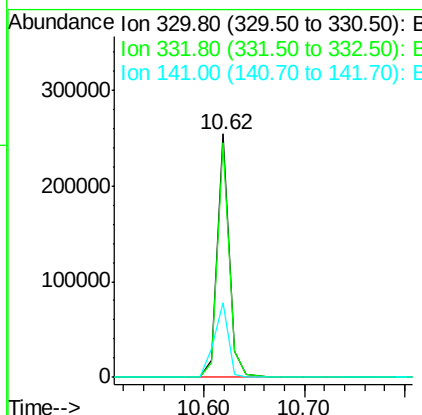
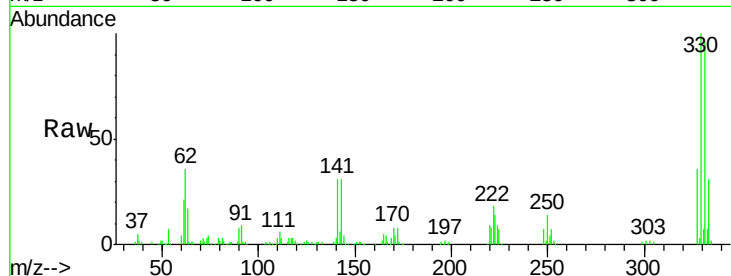




#41
 2,4,6-Tribromophenol
 Concen: 110.88 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

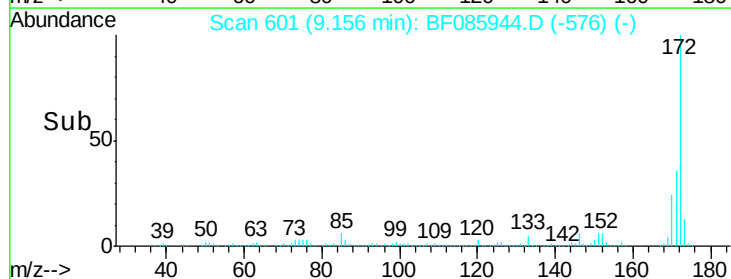
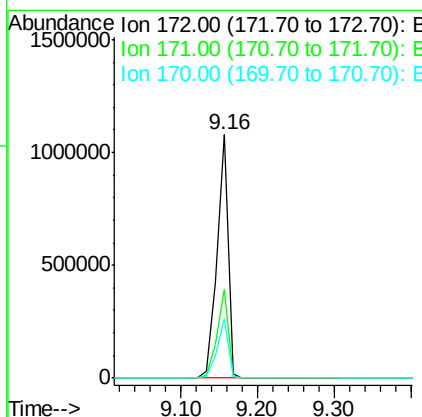
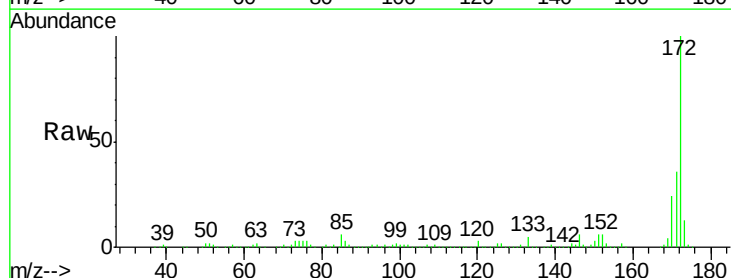
Instrument :
 BNA_F
 ClientSampleId :
 PB89327BL

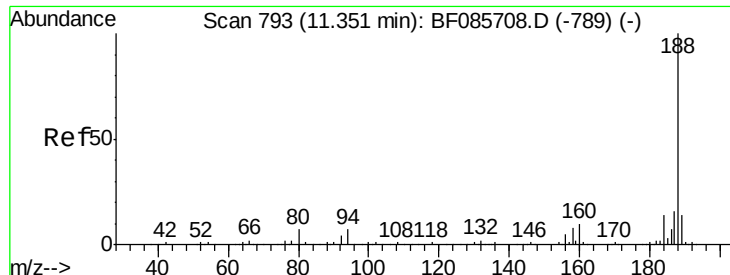
Tgt Ion:330 Resp: 209329
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 37.4 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 90.44 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Tgt Ion:172 Resp: 1075587
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.3 19.8 29.6

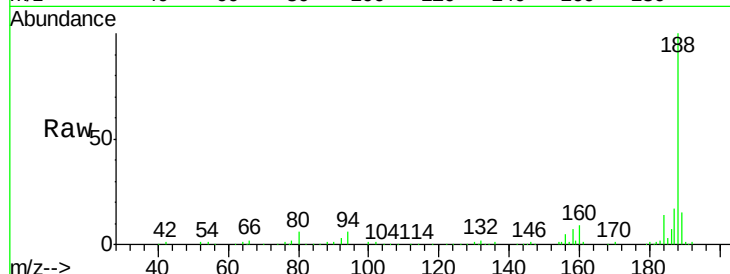




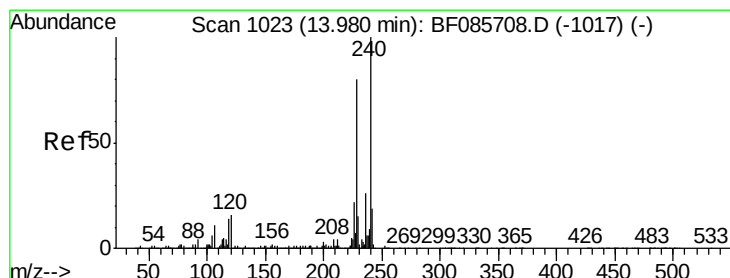
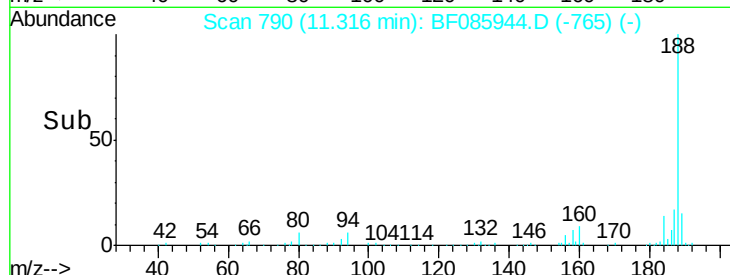
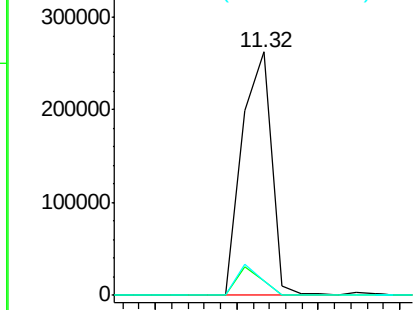
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085944.D
Acq: 31 Mar 2016 23:12

Instrument :
BNA_F
ClientSampleId :
PB89327BL

Tgt Ion:188 Resp: 326729
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 6.0 5.5 8.3

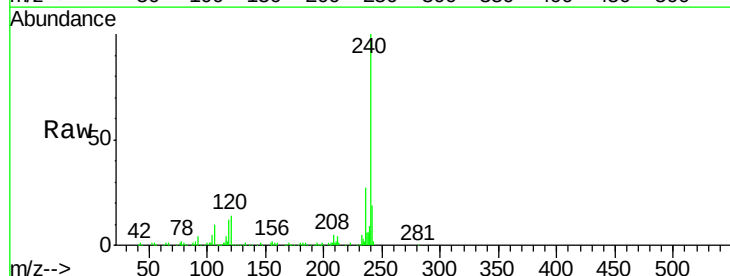


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

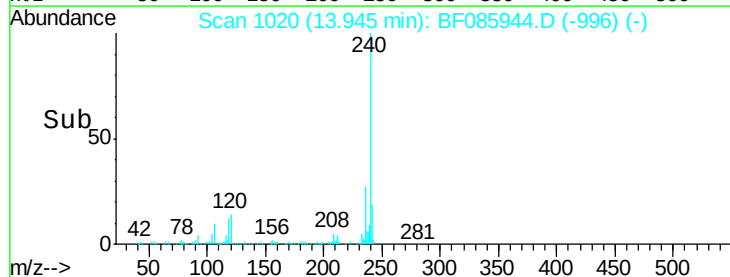
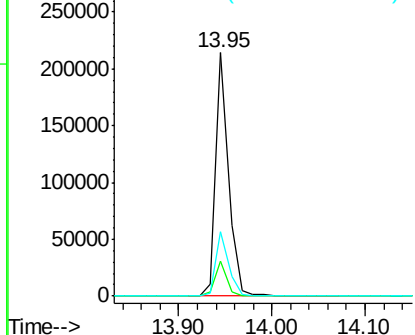


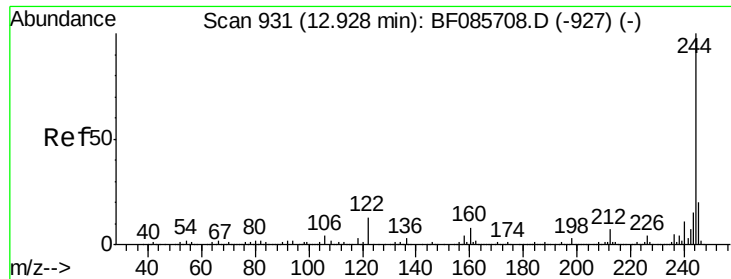
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085944.D
Acq: 31 Mar 2016 23:12

Tgt Ion:240 Resp: 203770
Ion Ratio Lower Upper
240 100
120 14.4 13.8 20.8
236 26.6 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

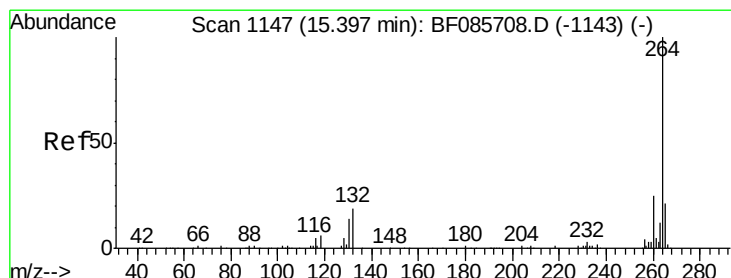
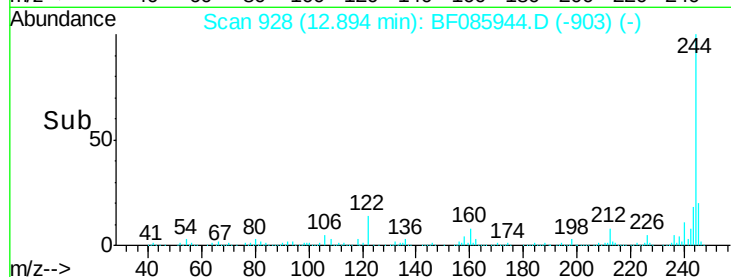
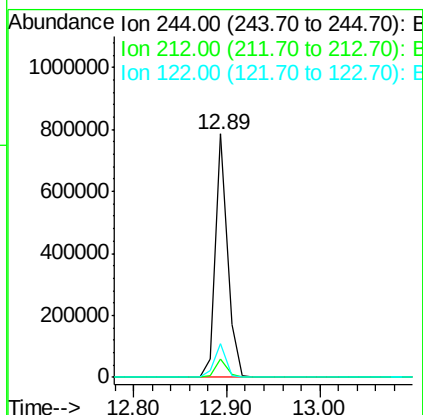
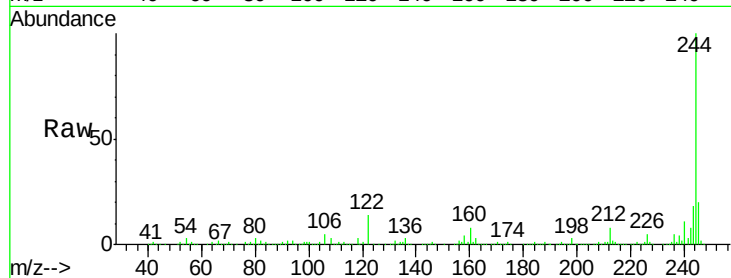




#78
 Terphenyl-d14
 Concen: 70.99 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BL

Tgt Ion:244 Resp: 703357
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 13.9 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Tgt Ion:264 Resp: 204733
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.1 17.2 25.8

