

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085392.D
 Acq On : 12 Mar 2016 00:46
 Operator : UM/SJ
 Sample : H1743-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MNR-NWP-RW3

Quant Time: Mar 12 02:20:25 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

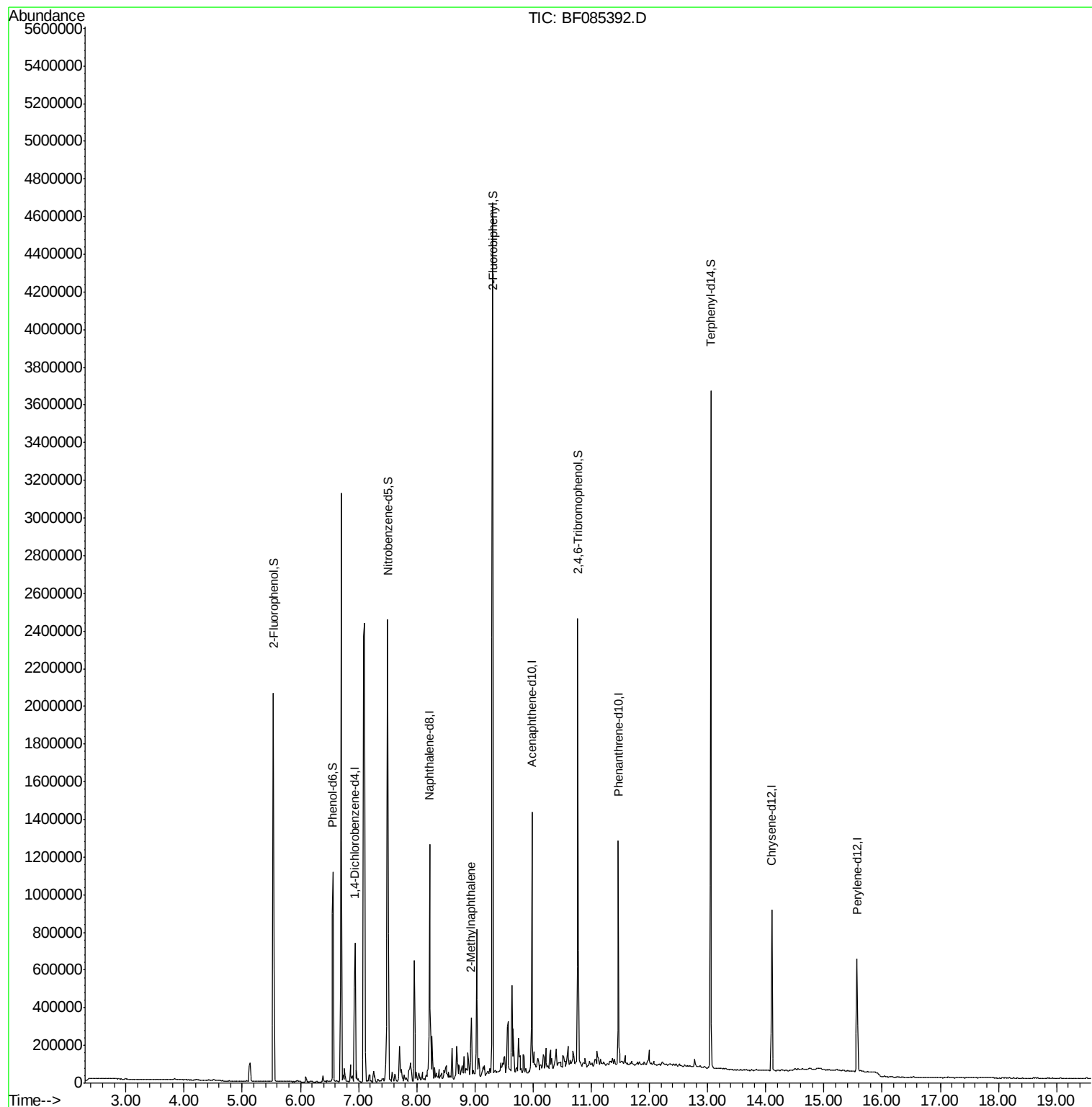
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	145822	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	536627	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	249574	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	396293	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	272462	20.00	ng	-0.05
86) Perylene-d12	15.57	264	259529	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	626108	72.02	ng	-0.05
7) Phenol-d6	6.56	99	559100	49.09	ng	-0.05
23) Nitrobenzene-d5	7.50	82	895778	89.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	303195	141.98	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1631219	99.40	ng	-0.05
78) Terphenyl-d14	13.05	244	1073550	91.47	ng	-0.03
Target Compounds						
37) 2-Methylnaphthalene	8.94	142	93970	5.55	ng	Qvalue 98

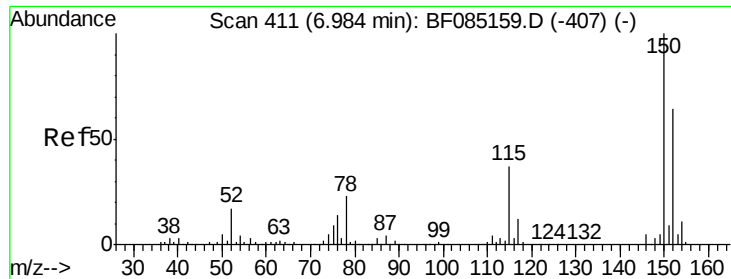
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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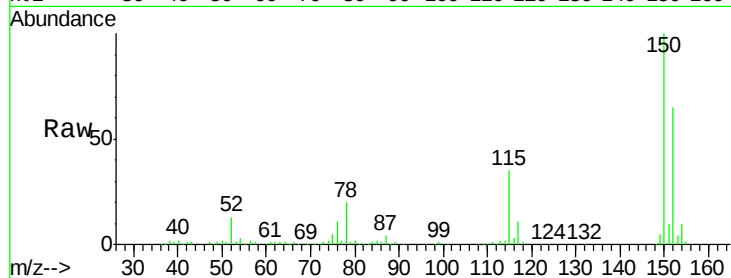




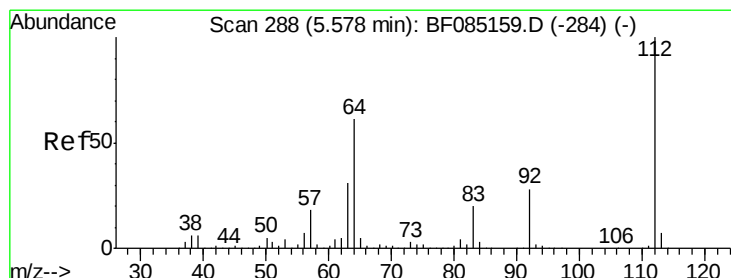
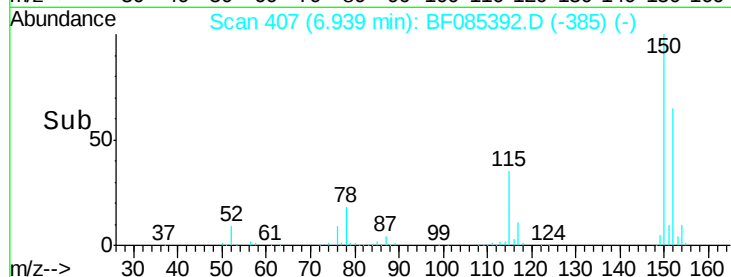
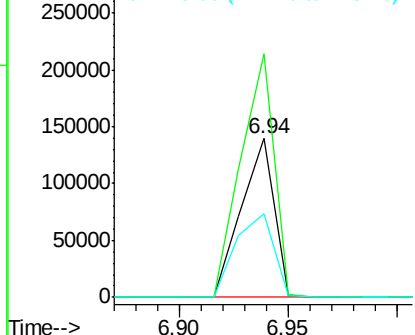
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085392.D
 Acq: 12 Mar 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 MNR-NWP-RW3

Tgt Ion:152 Resp: 145822
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 186.8
 115 53.0 46.6 70.0

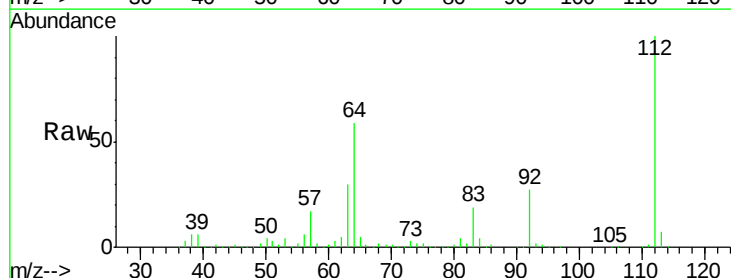


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

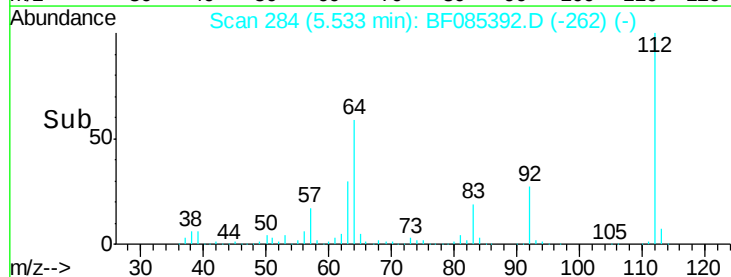
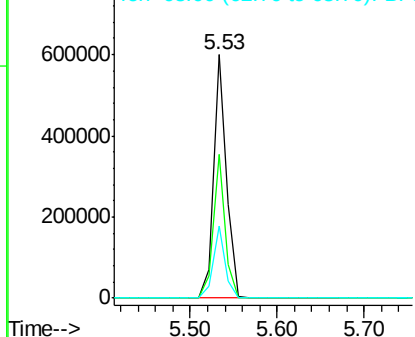


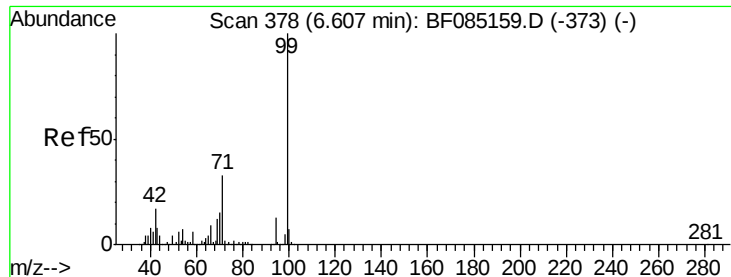
#5
 2-Fluorophenol
 Concen: 72.02 ng
 RT: 5.53 min Scan# 284
 Delta R.T. -0.05 min
 Lab File: BF085392.D
 Acq: 12 Mar 2016 00:46

Tgt Ion:112 Resp: 626108
 Ion Ratio Lower Upper
 112 100
 64 59.0 49.0 73.4
 63 29.7 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: 49.09 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085392.D

Acq: 12 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

MNR-NWP-RW3

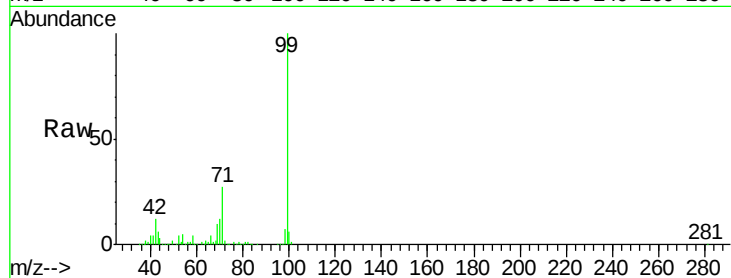
Tgt Ion: 99 Resp: 559100

Ion Ratio Lower Upper

99 100

42 11.7 13.6 20.4#

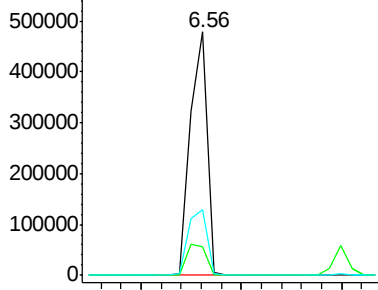
71 26.9 26.7 40.1



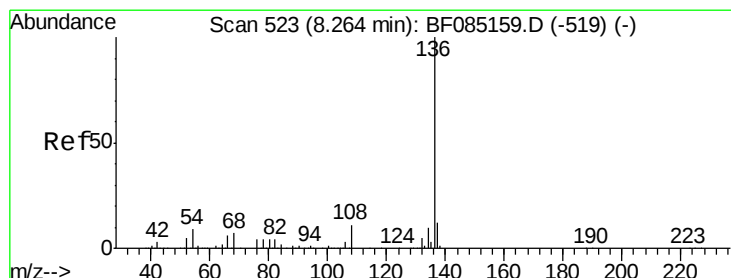
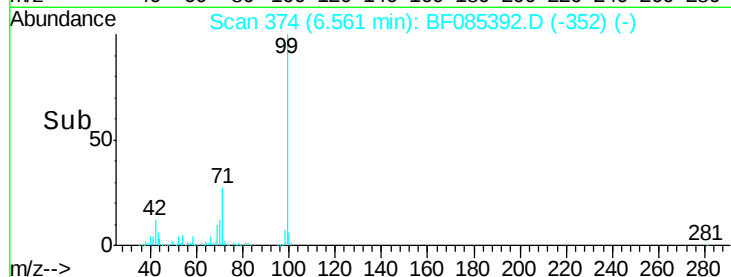
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085392.D

Acq: 12 Mar 2016 00:46

Tgt Ion: 136 Resp: 536627

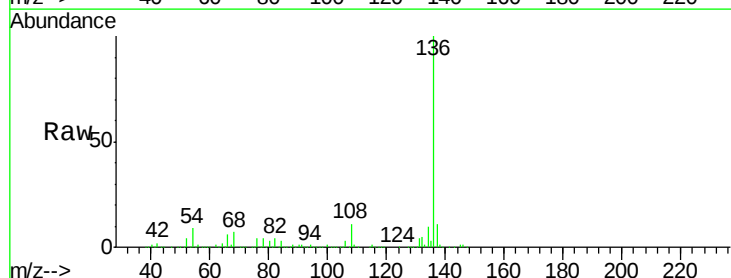
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.5 7.4 11.2

68 6.9 6.0 9.0

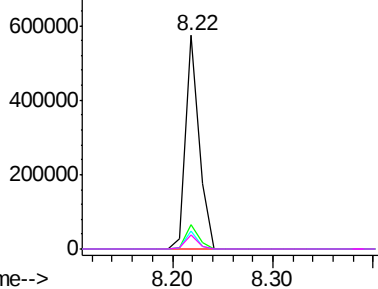


Abundance Ion 136.00 (135.70 to 136.70): E

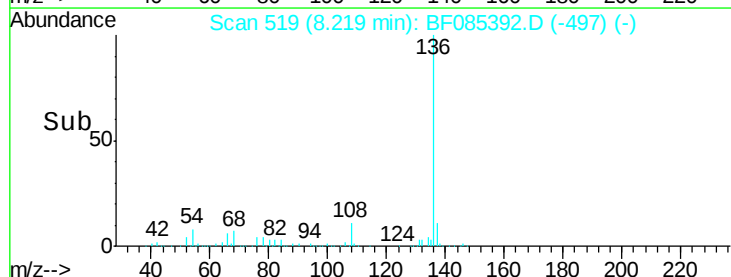
Ion 137.00 (136.70 to 137.70): E

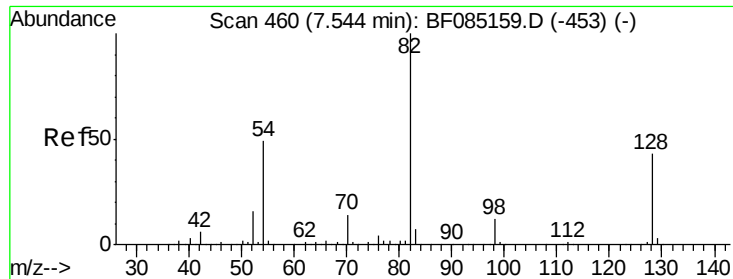
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

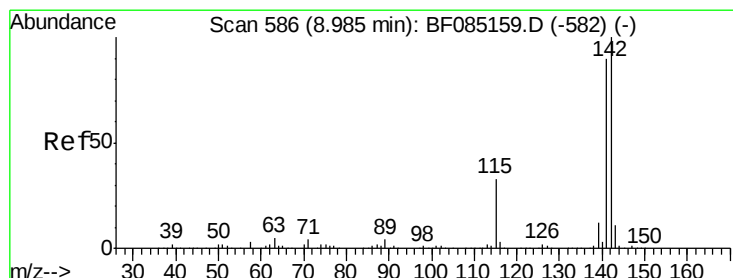
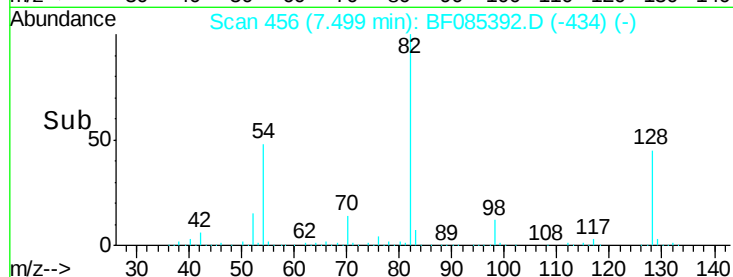
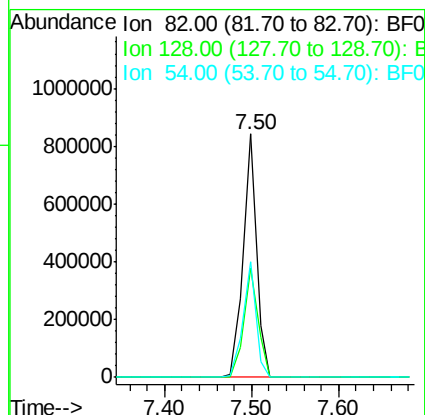
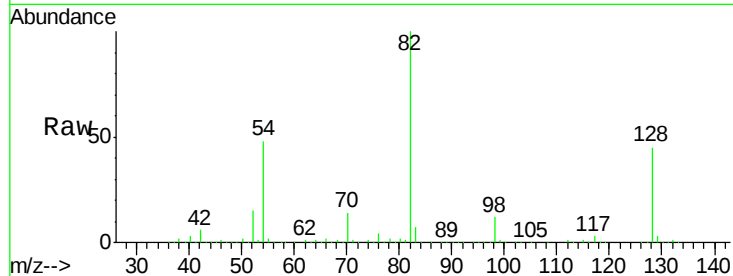




#23
 Nitrobenzene-d5
 Concen: 89.33 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085392.D
 Acq: 12 Mar 2016 00:46

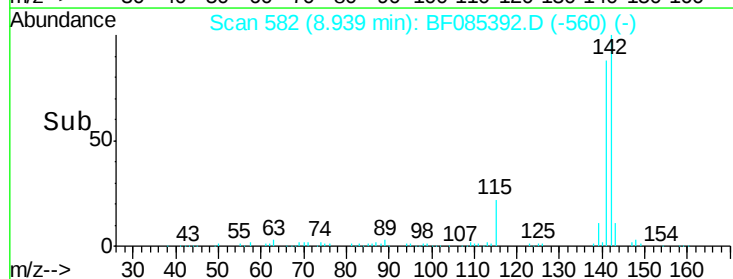
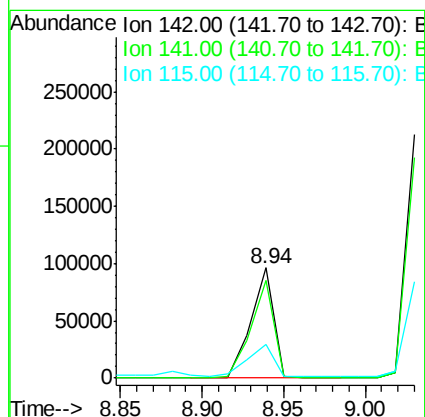
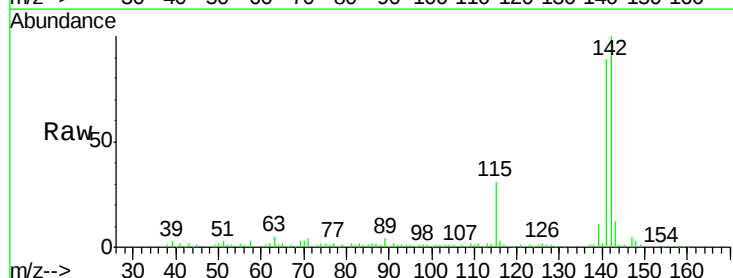
Instrument :
 BNA_F
 ClientSampleId :
 MNR-NWP-RW3

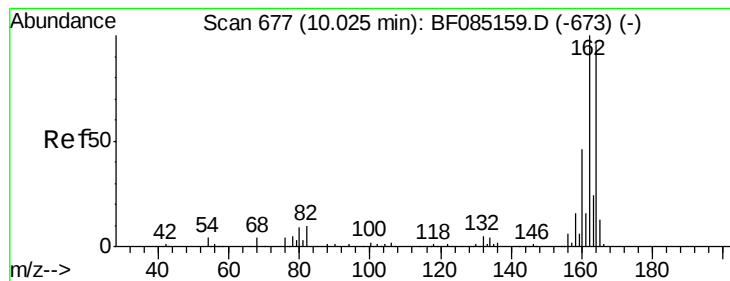
Tgt Ion: 82 Resp: 895778
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.5 51.7
 54 47.7 39.3 58.9



#37
 2-Methylnaphthalene
 Concen: 5.55 ng
 RT: 8.94 min Scan# 582
 Delta R.T. -0.05 min
 Lab File: BF085392.D
 Acq: 12 Mar 2016 00:46

Tgt Ion: 142 Resp: 93970
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.7 107.5
 115 31.1 26.2 39.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085392.D

Acq: 12 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

MNR-NWP-RW3

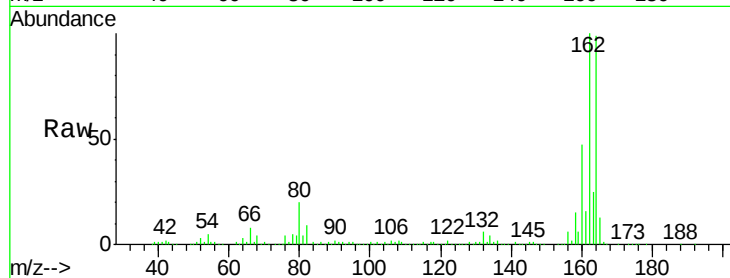
Tgt Ion:164 Resp: 249574

Ion Ratio Lower Upper

164 100

162 101.4 83.3 124.9

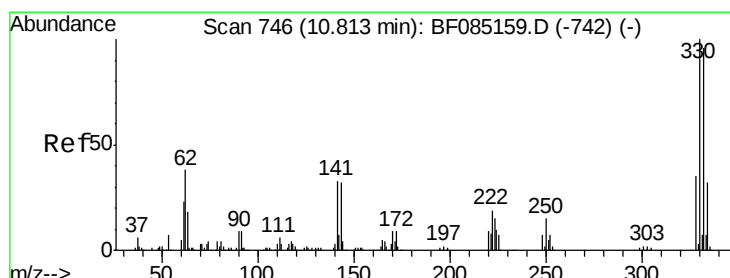
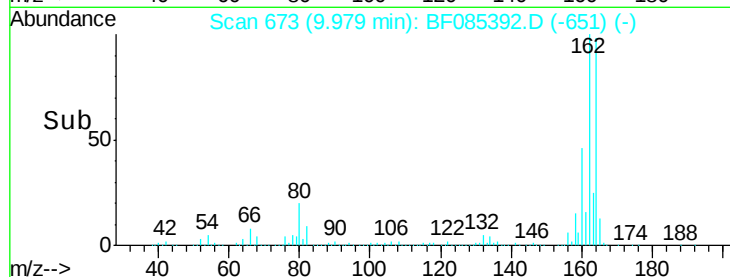
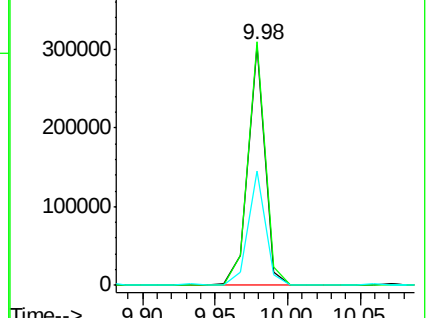
160 47.5 37.9 56.9



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: 141.98 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF085392.D

Acq: 12 Mar 2016 00:46

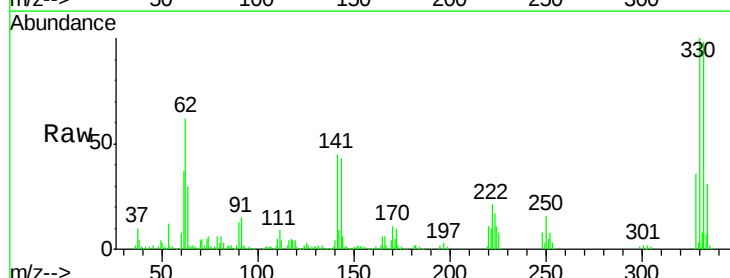
Tgt Ion:330 Resp: 303195

Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

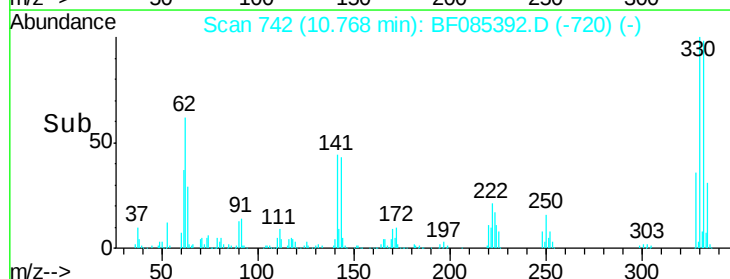
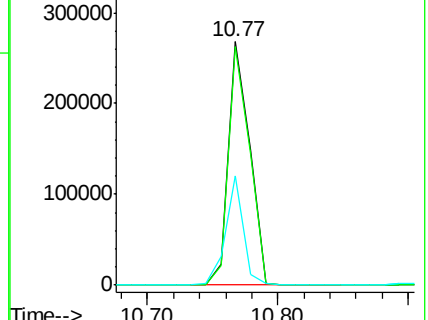
141 36.7 35.0 52.6

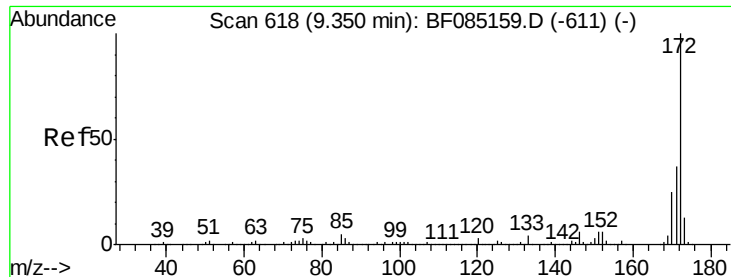


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

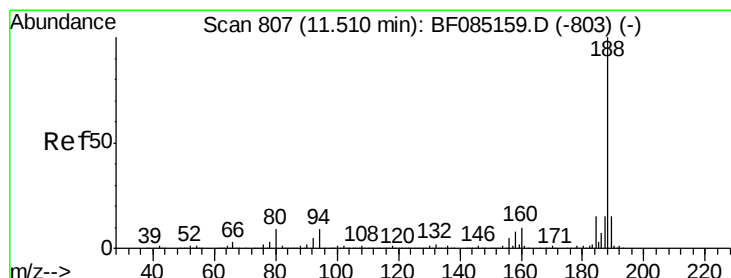
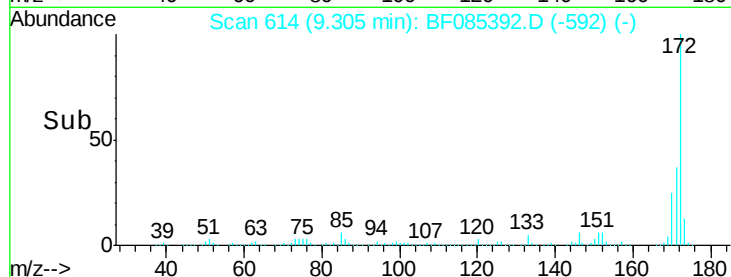
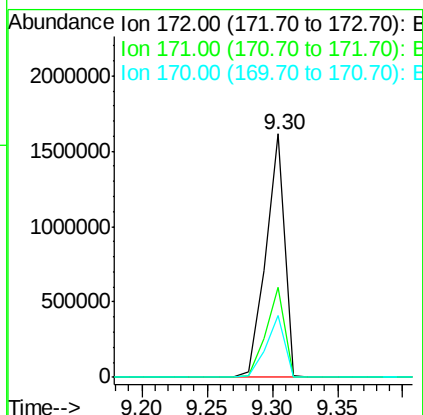
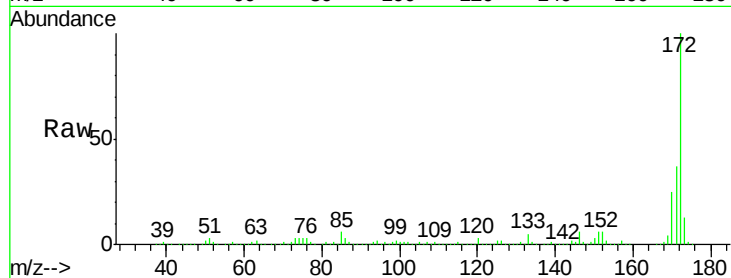




#44
2-Fluorobiphenyl
Concen: 99.40 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

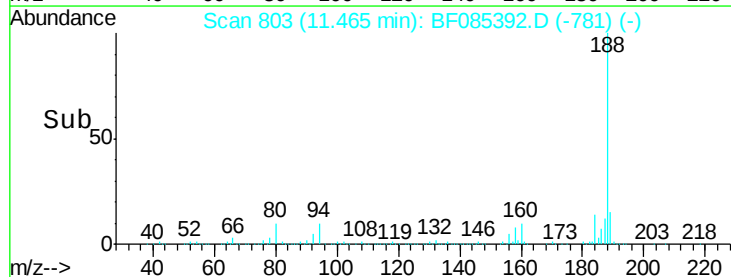
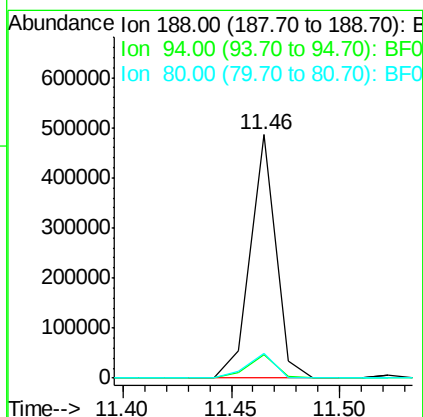
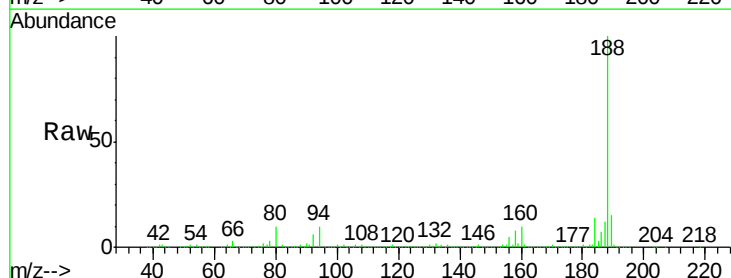
Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

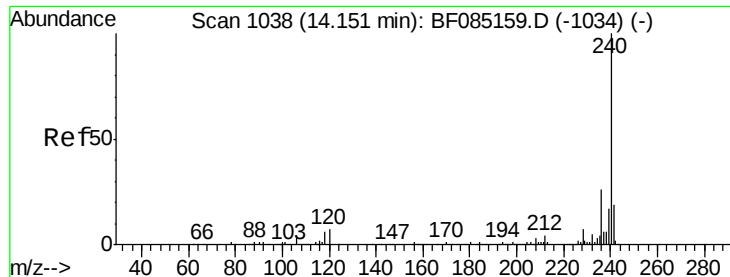
Tgt Ion:172 Resp: 1631219
Ion Ratio Lower Upper
172 100
171 36.9 29.3 43.9
170 25.2 20.0 30.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Tgt Ion:188 Resp: 396293
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.2 7.4 11.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085392.D

Acq: 12 Mar 2016 00:46

Instrument :

BNA_F

ClientSampleId :

MNR-NWP-RW3

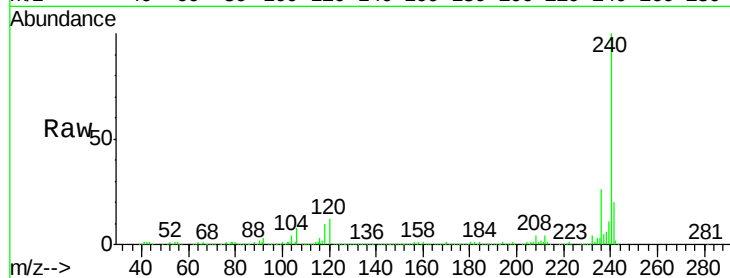
Tgt Ion:240 Resp: 272462

Ion Ratio Lower Upper

240 100

120 11.8 5.3 7.9#

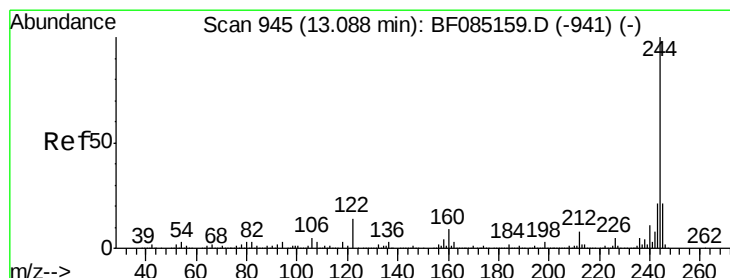
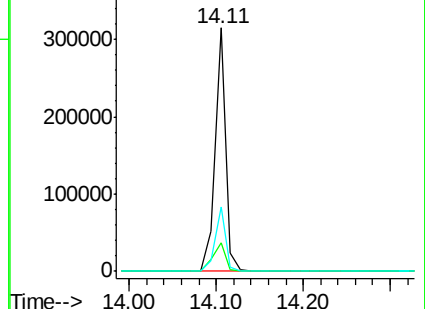
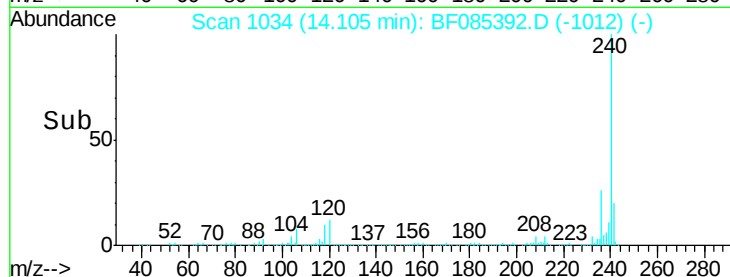
236 26.5 20.7 31.1



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: 91.47 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085392.D

Acq: 12 Mar 2016 00:46

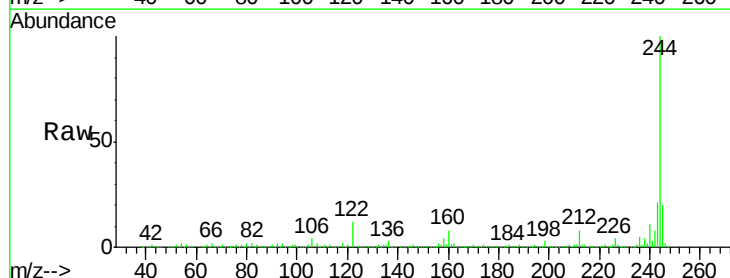
Tgt Ion:244 Resp: 1073550

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

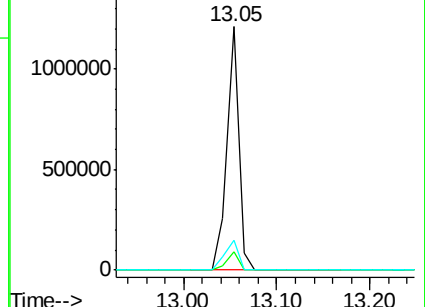
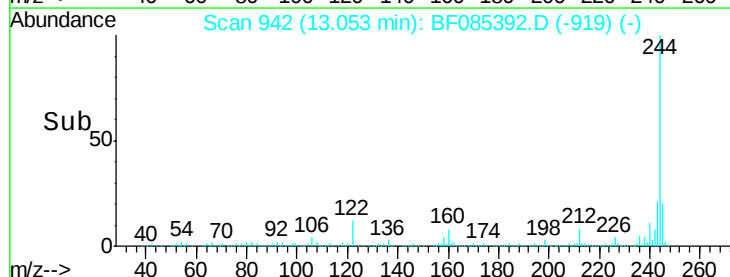
122 12.3 11.4 17.2

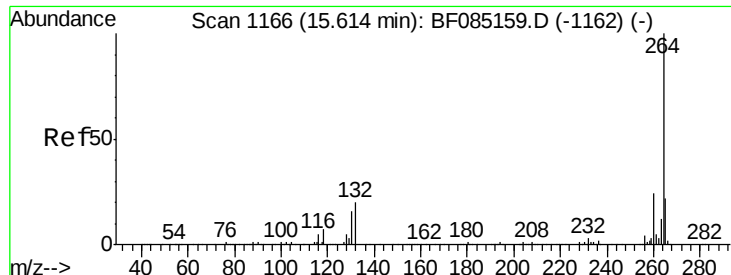


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

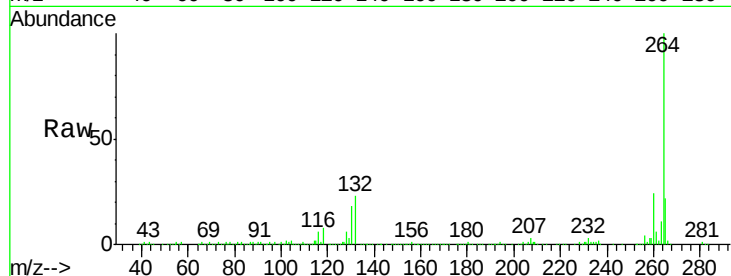




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085392.D
Acq: 12 Mar 2016 00:46

Instrument :
BNA_F
ClientSampleId :
MNR-NWP-RW3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

