

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085224.D
 Acq On : 5 Mar 2016 1:16
 Operator : SJ/IZ
 Sample : H1676-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-002(0-2)

Quant Time: Mar 05 02:39:34 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

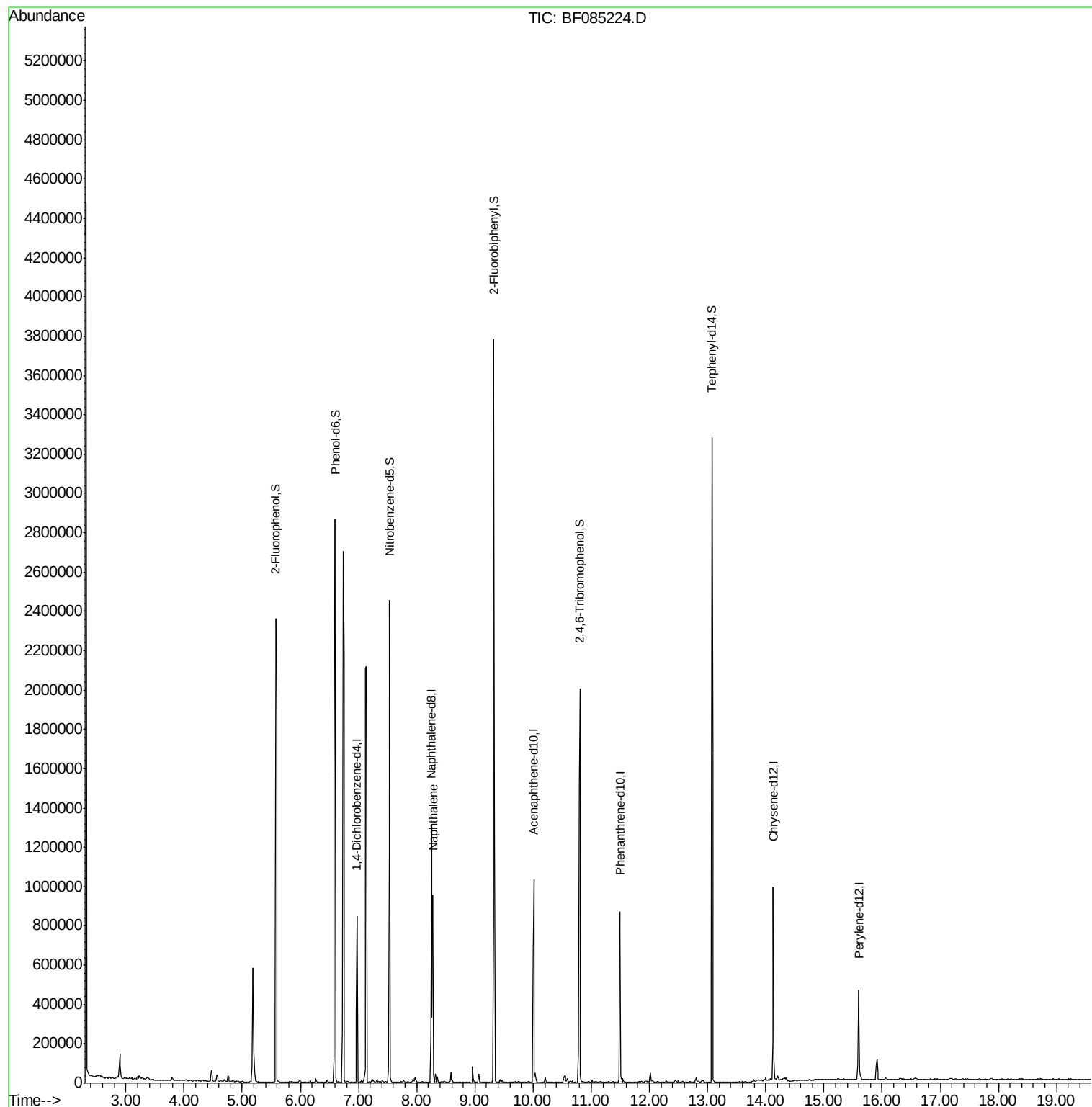
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140389	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	564656	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	261032	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	474455	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	311295	20.00	ng	-0.02
86) Perylene-d12	15.60	264	241508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	985696	117.77	ng	0.00
7) Phenol-d6	6.60	99	1200168	109.45	ng	-0.01
23) Nitrobenzene-d5	7.53	82	903864	85.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	342826	153.49	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1375231	80.12	ng	-0.02
78) Terphenyl-d14	13.08	244	1247601	93.04	ng	-0.01
Target Compounds						
31) Naphthalene	8.28	128	420673	15.15	ng	Qvalue 97

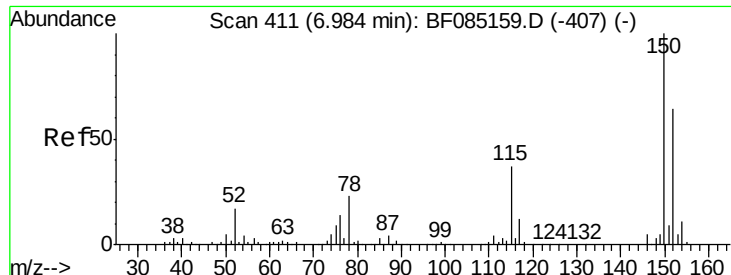
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 05 02:39:34 2016
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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085224.D

Acq: 5 Mar 2016 1:16

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

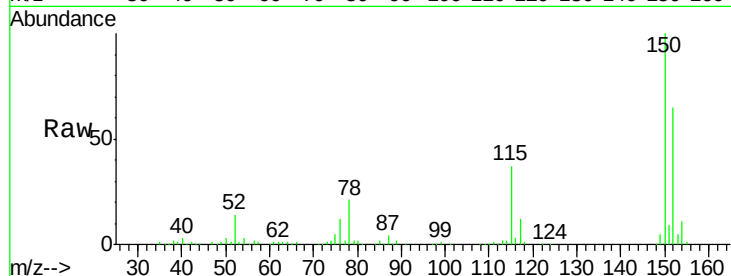
Tot Ion:152 Resp: 140389

Ion Ratio Lower Upper

152 100

150 153.9 124.6 186.8

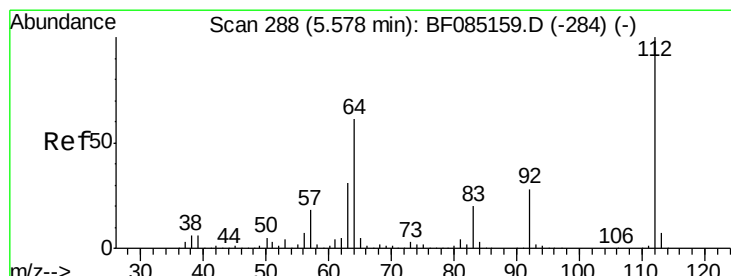
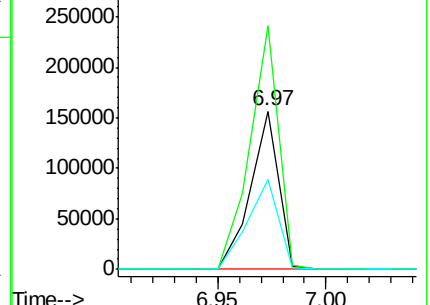
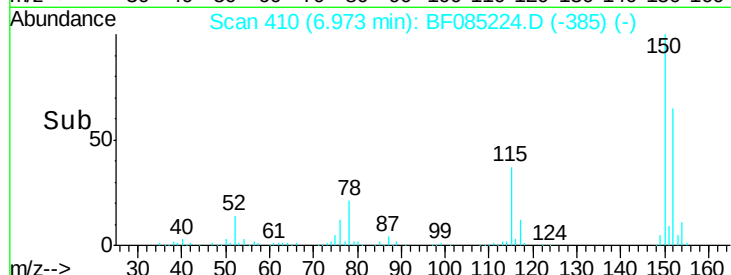
115 57.0 46.6 70.0



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: 117.77 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085224.D

Acq: 5 Mar 2016 1:16

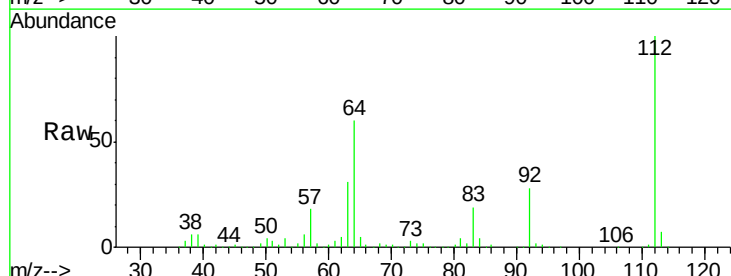
Tgt Ion:112 Resp: 985696

Ion Ratio Lower Upper

112 100

64 60.4 49.0 73.4

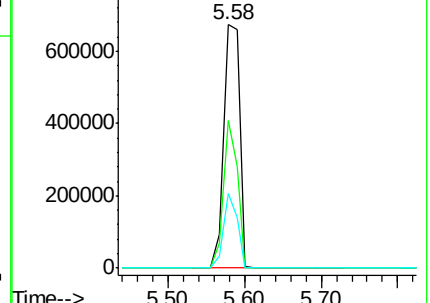
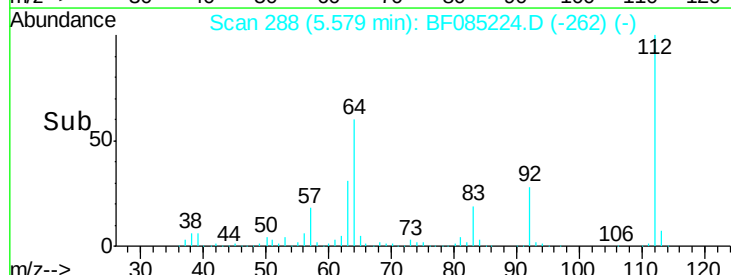
63 30.6 24.8 37.2

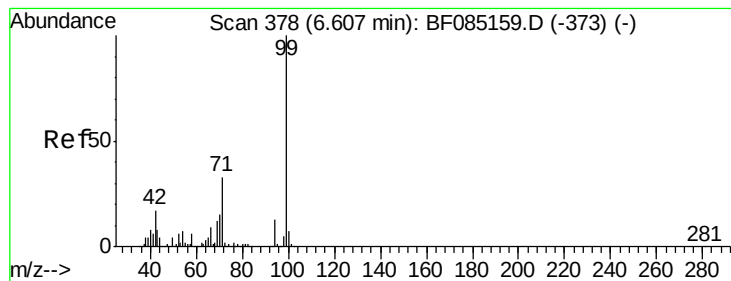


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.45 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085224.D

Acq: 5 Mar 2016 1:16

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

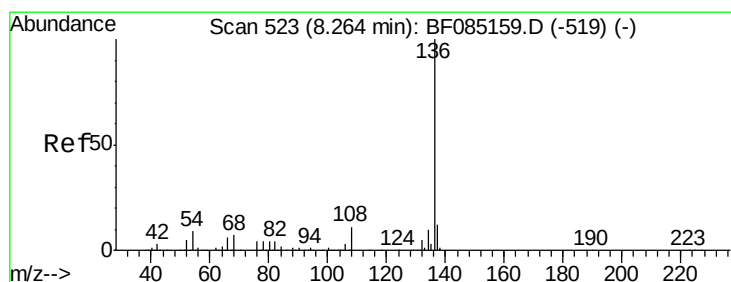
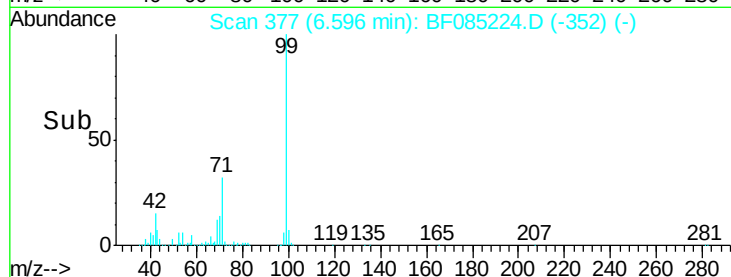
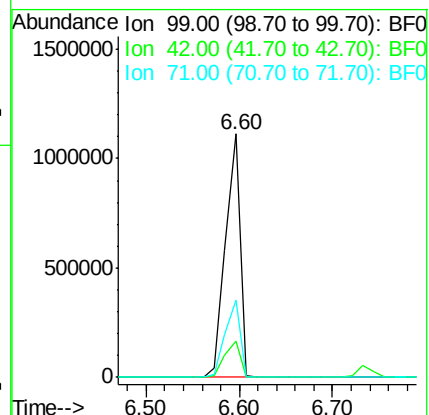
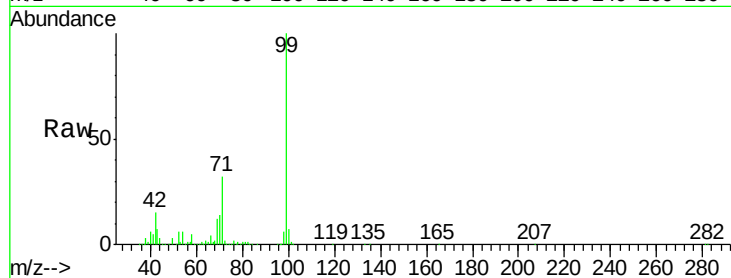
Tot Ion: 99 Resp: 1200168

Ion Ratio Lower Upper

99 100

42 14.7 13.6 20.4

71 31.9 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085224.D

Acq: 5 Mar 2016 1:16

Tgt Ion: 136 Resp: 564656

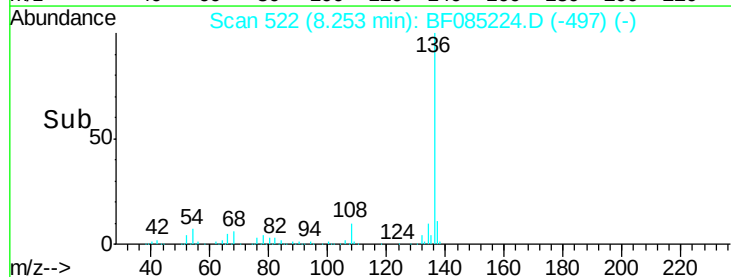
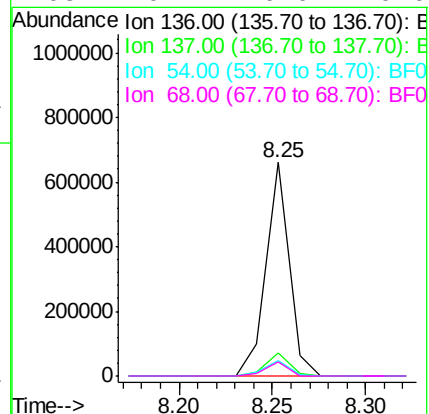
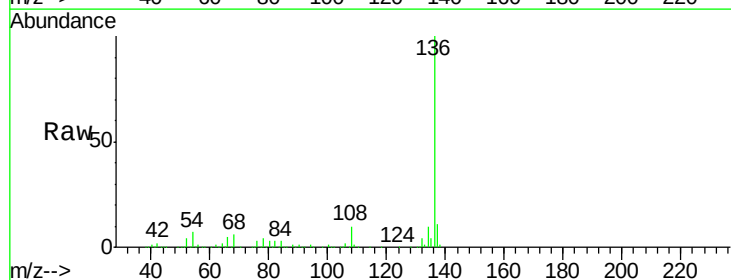
Ion Ratio Lower Upper

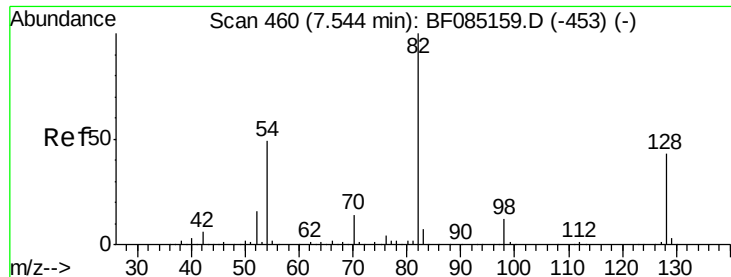
136 100

137 11.0 9.3 13.9

54 7.4 7.4 11.2

68 6.4 6.0 9.0

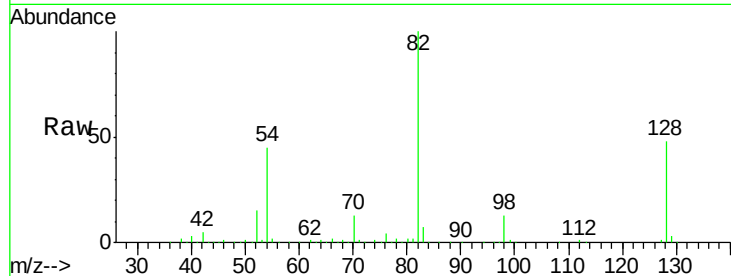




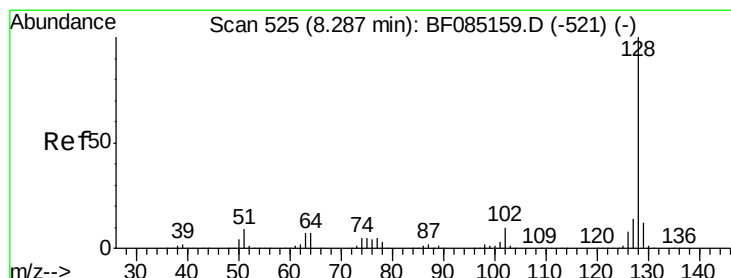
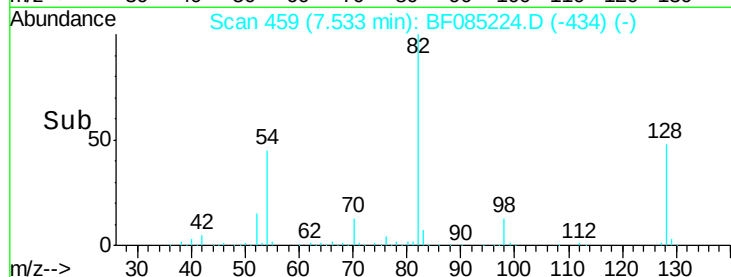
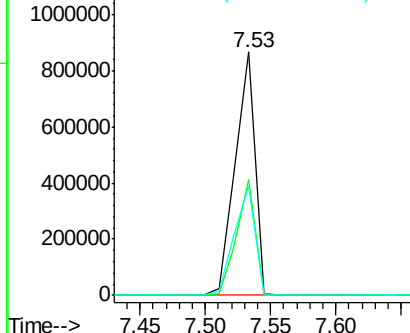
#23
 Nitrobenzene-d5
 Concen: 85.66 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085224.D
 Acq: 5 Mar 2016 1:16

Instrument :
 BNA_F
 ClientSampleId :
 SP-002(0-2)

Tot Ion	82	Resp	903864
Ion Ratio	100	Lower	Upper
128	47.6	34.5	51.7
54	44.9	39.3	58.9

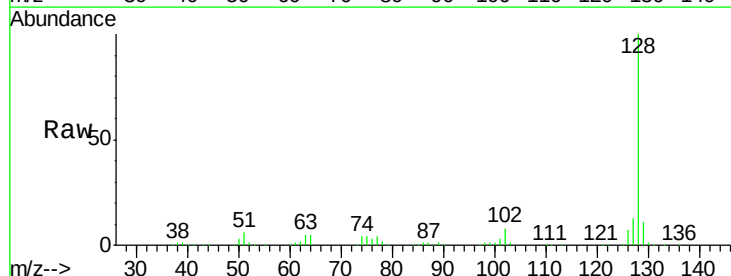


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

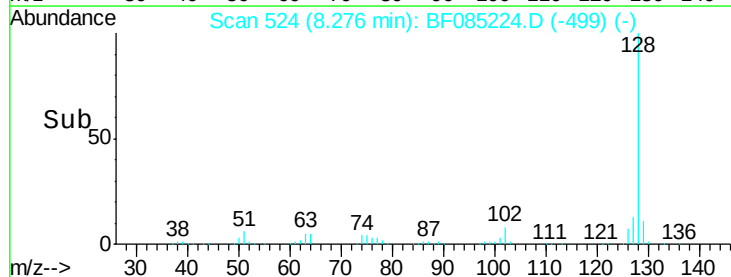
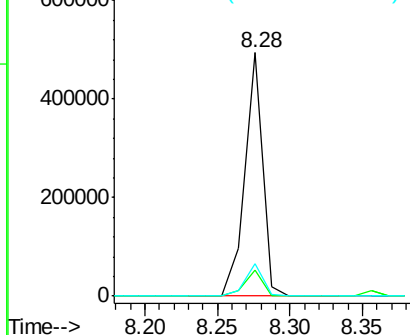


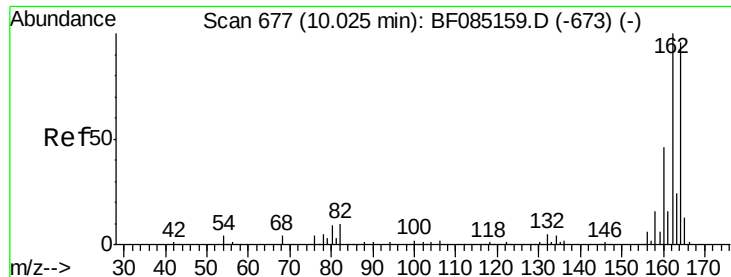
#31
 Naphthalene
 Concen: 15.15 ng
 RT: 8.28 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085224.D
 Acq: 5 Mar 2016 1:16

Tgt Ion	128	Resp	420673
Ion Ratio	100	Lower	Upper
129	10.8	9.7	14.5
127	13.1	11.2	16.8



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF085224.D

Acq: 5 Mar 2016 1:16

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

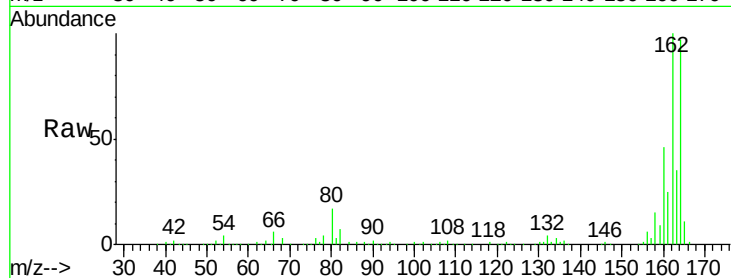
Tot Ion:164 Resp: 261032

Ion Ratio Lower Upper

164 100

162 103.3 83.3 124.9

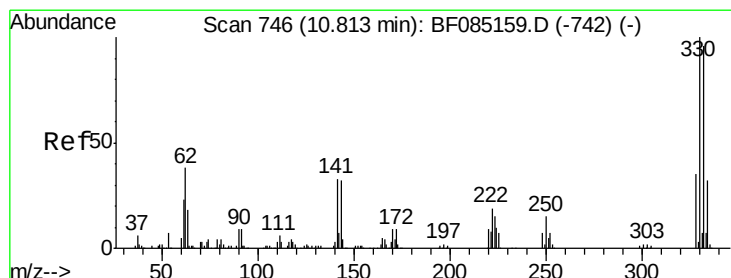
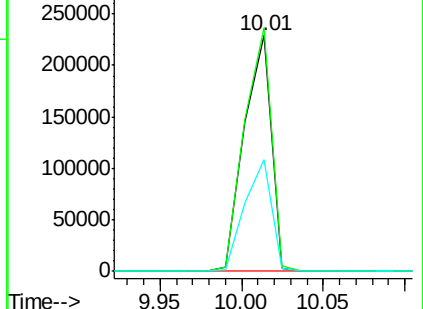
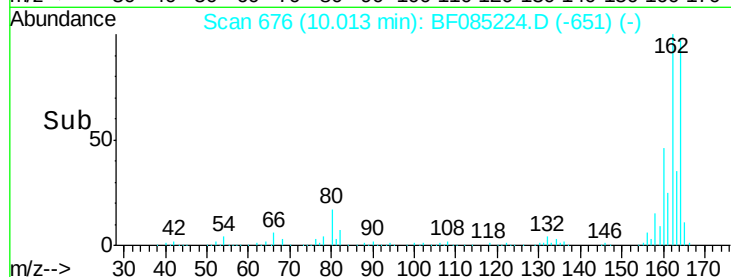
160 47.2 37.9 56.9



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: 153.49 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF085224.D

Acq: 5 Mar 2016 1:16

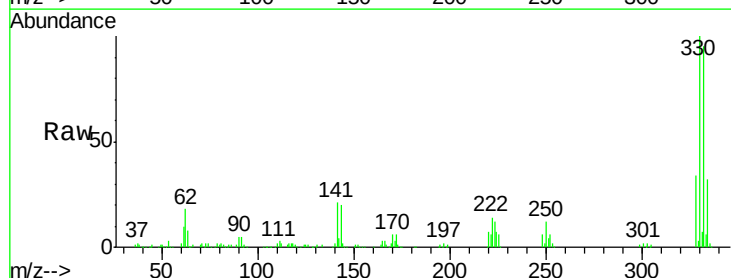
Tgt Ion:330 Resp: 342826

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

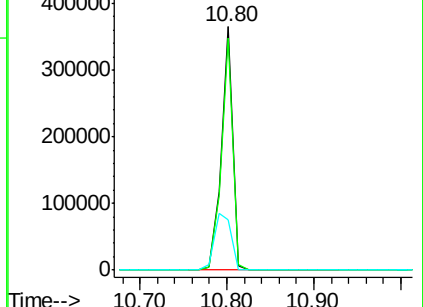
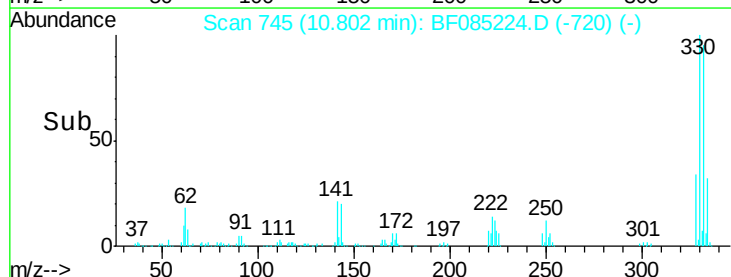
141 34.2 35.0 52.6#

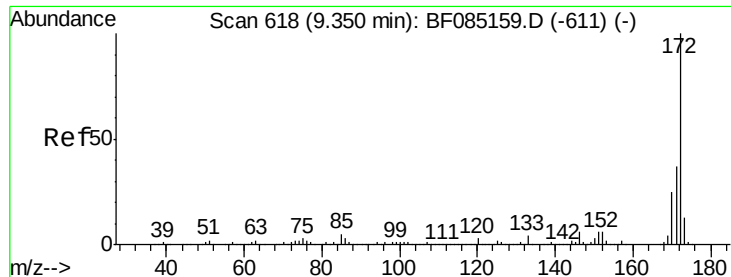


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

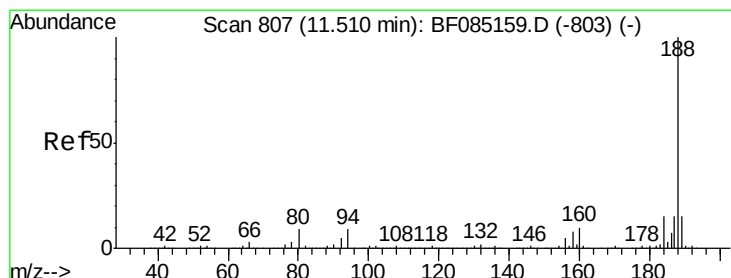
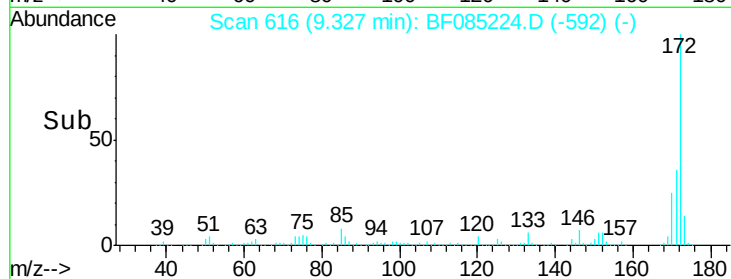
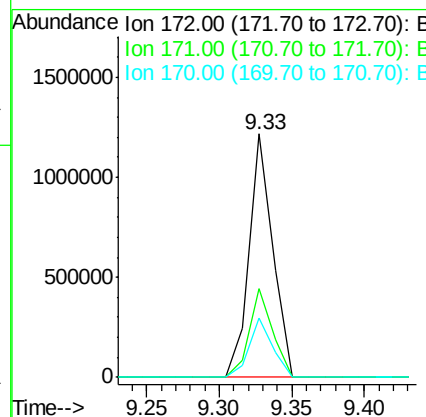
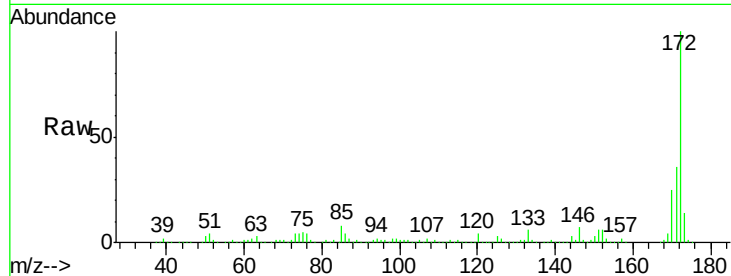




#44
2-Fluorobiphenyl
Concen: 80.12 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085224.D
Acq: 5 Mar 2016 1:16

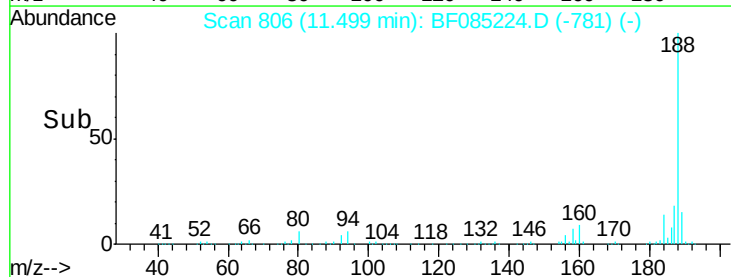
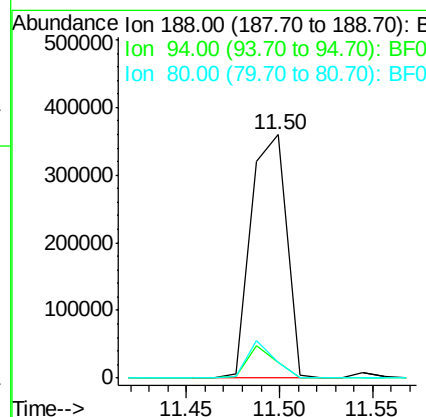
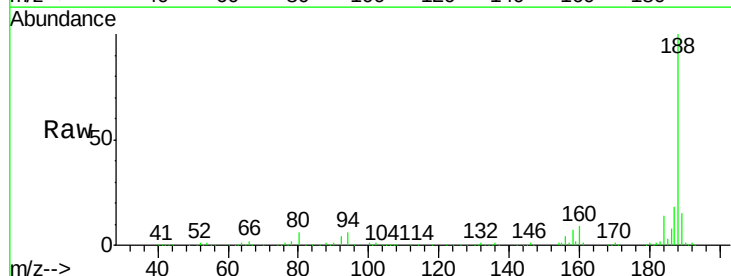
Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

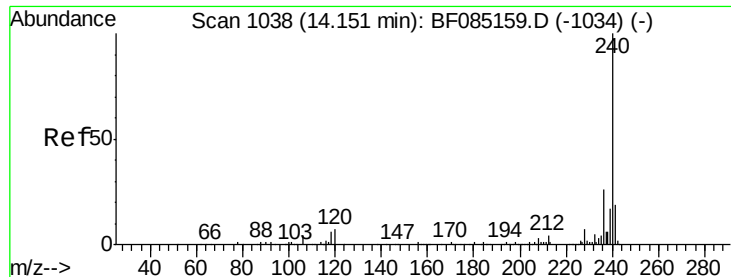
Tot Ion:172 Resp: 1375231
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 24.5 20.0 30.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085224.D
Acq: 5 Mar 2016 1:16

Tgt Ion:188 Resp: 474455
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6#
80 6.4 7.4 11.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085224.D

Acq: 5 Mar 2016 1:16

Instrument :

BNA_F

ClientSampleId :

SP-002(0-2)

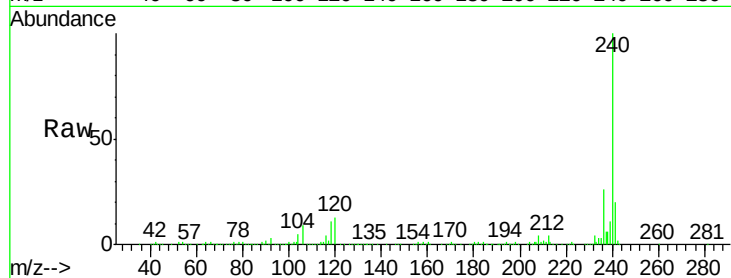
Tot Ion:240 Resp: 311295

Ion Ratio Lower Upper

240 100

120 13.1 5.3 7.9#

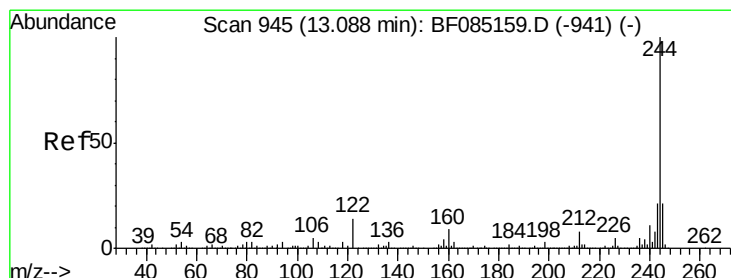
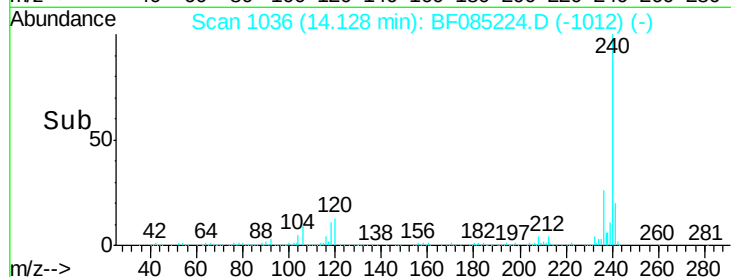
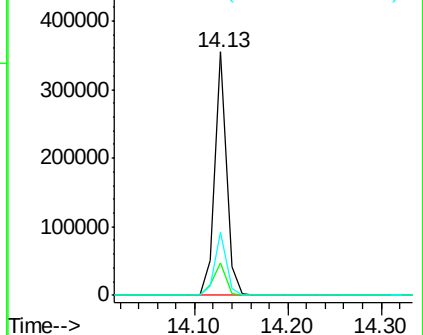
236 26.1 20.7 31.1



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: 93.04 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085224.D

Acq: 5 Mar 2016 1:16

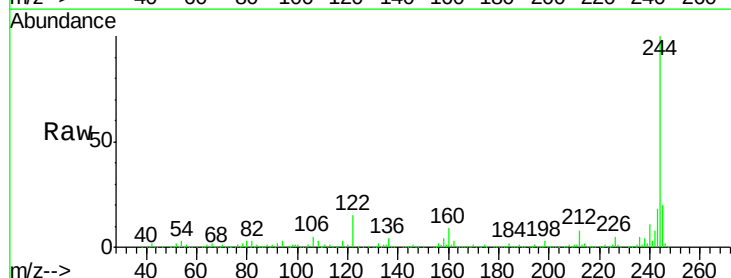
Tgt Ion:244 Resp: 1247601

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

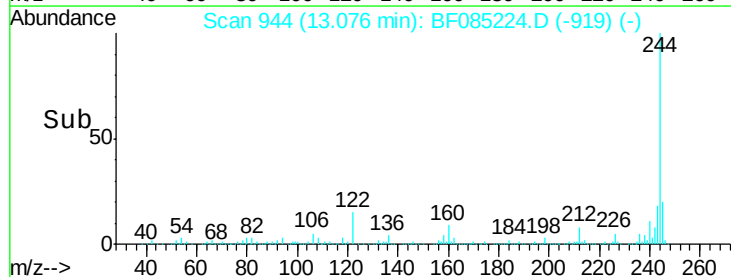
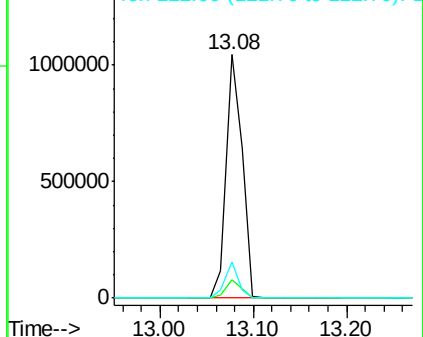
122 15.0 11.4 17.2

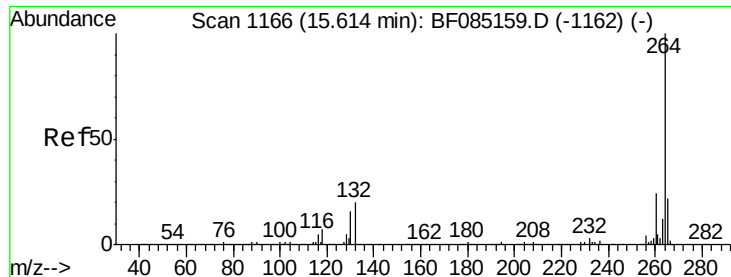


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085224.D
Acq: 5 Mar 2016 1:16

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.5	17.3	25.9

