

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085228.D
 Acq On : 5 Mar 2016 3:07
 Operator : SJ/IZ
 Sample : H1676-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-003(0-2)

Quant Time: Mar 05 03:53:11 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

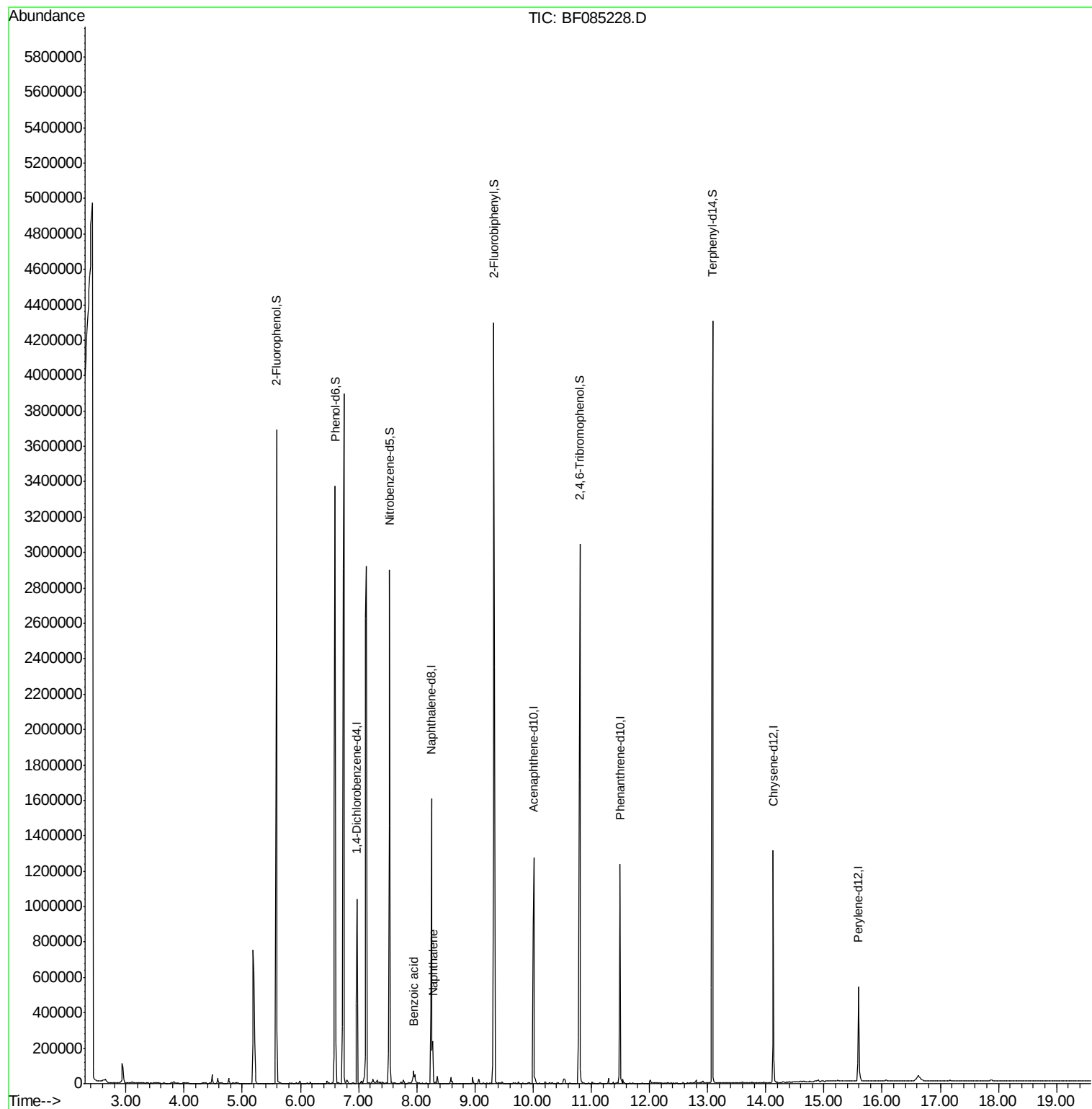
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	177227	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	725648	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	334970	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	628179	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	407915	20.00	ng	-0.02
86) Perylene-d12	15.59	264	281165	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1159475	109.74	ng	0.01
7) Phenol-d6	6.60	99	1356350	97.98	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1115144	82.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	436790	152.39	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1913648	86.88	ng	-0.02
78) Terphenyl-d14	13.09	244	1869486	106.39	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.28	128	114680	3.21	ng	97
32) Benzoic acid	7.94	122	29846	3.67	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085228.D

Acq: 5 Mar 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

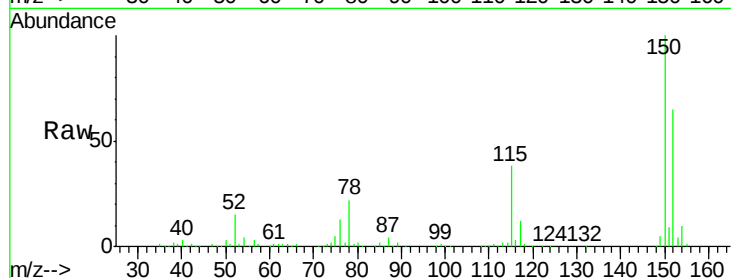
Tot Ion:152 Resp: 177227

Ion Ratio Lower Upper

152 100

150 152.9 124.6 186.8

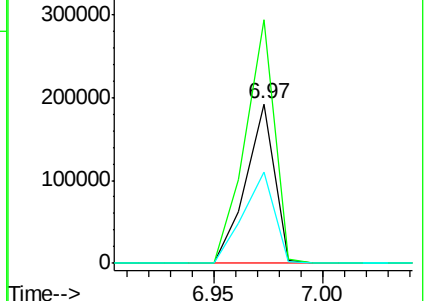
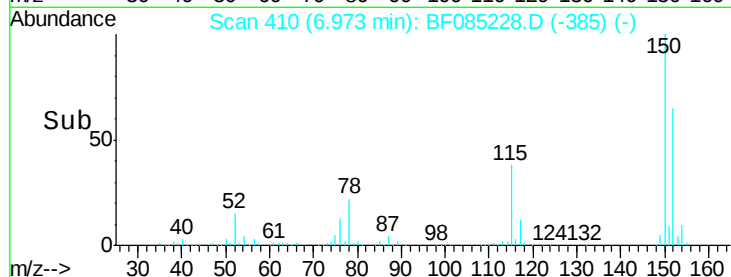
115 57.6 46.6 70.0



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: 109.74 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085228.D

Acq: 5 Mar 2016 3:07

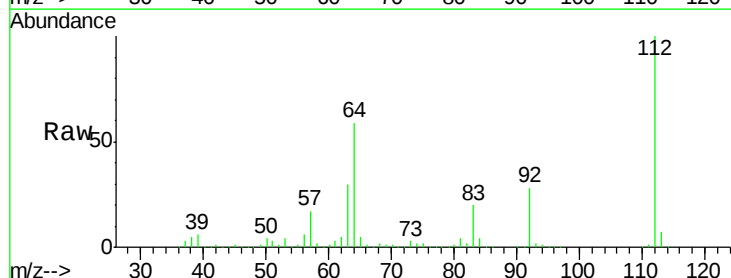
Tgt Ion:112 Resp: 1159475

Ion Ratio Lower Upper

112 100

64 58.6 49.0 73.4

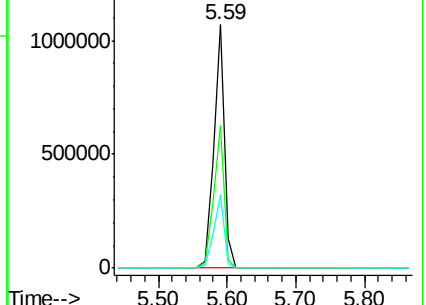
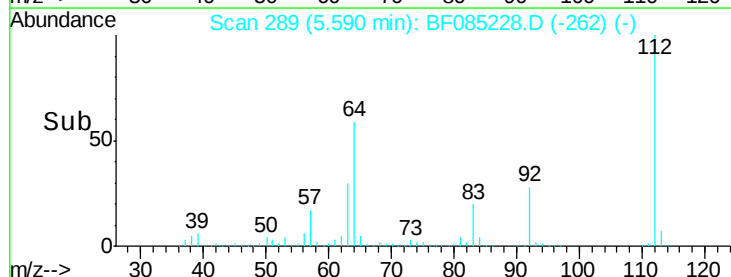
63 29.9 24.8 37.2



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: 97.98 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085228.D

Acq: 5 Mar 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

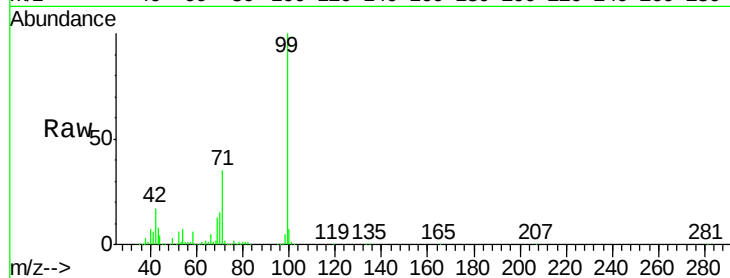
Tot Ion: 99 Resp: 1356350

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

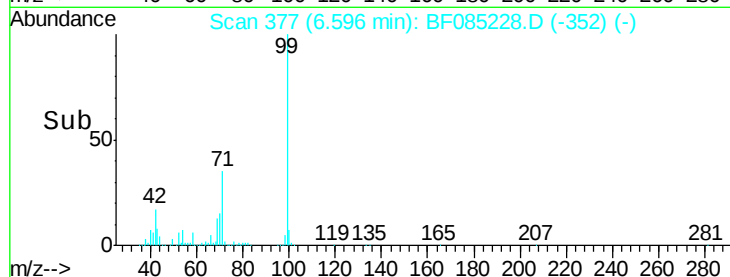
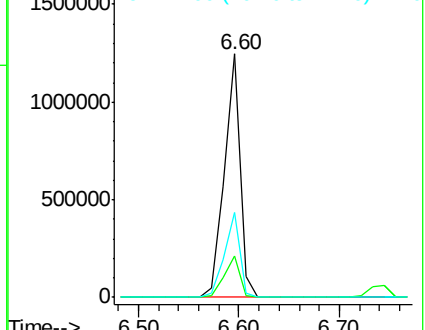
71 35.0 26.7 40.1



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: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085228.D

Acq: 5 Mar 2016 3:07

Tgt Ion: 136 Resp: 725648

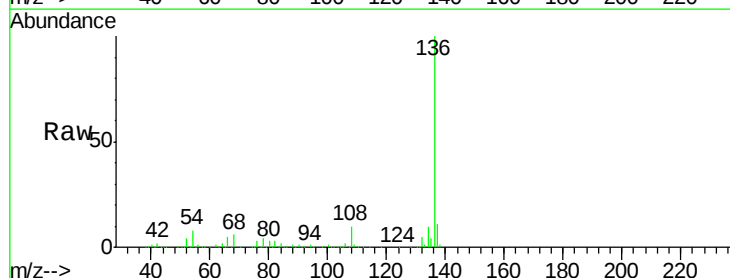
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.6 7.4 11.2

68 6.3 6.0 9.0

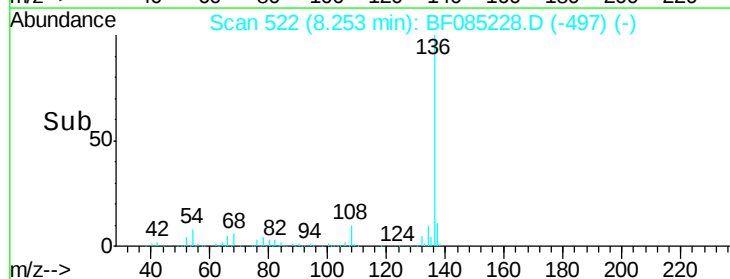
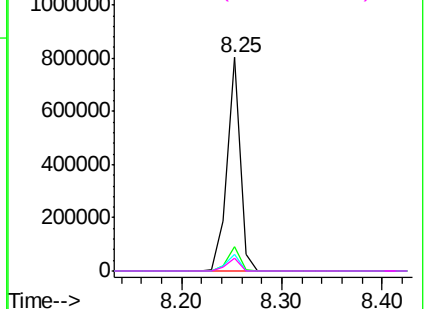


Abundance Ion 136.00 (135.70 to 136.70): E

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

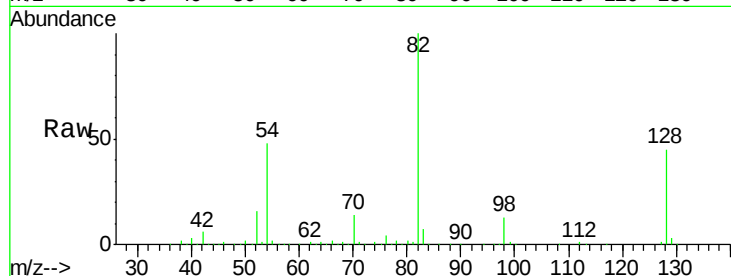




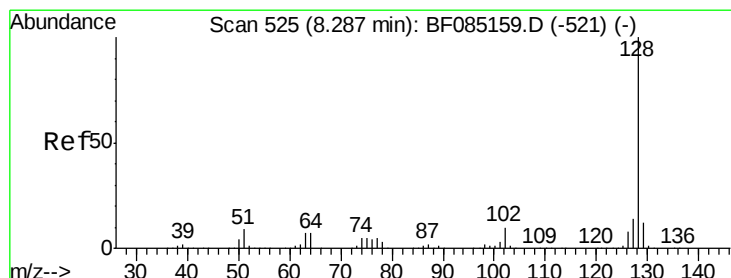
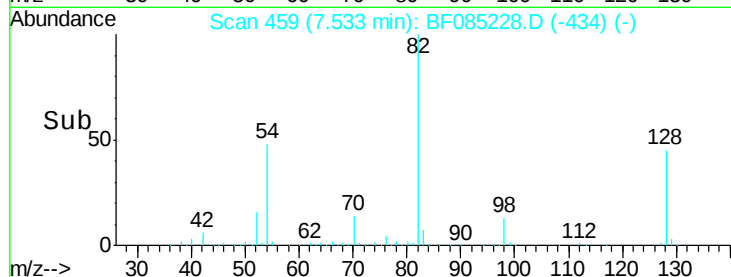
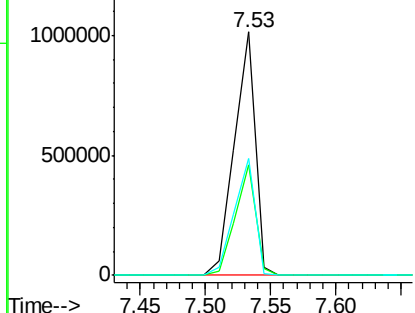
#23
 Nitrobenzene-d5
 Concen: 82.23 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085228.D
 Acq: 5 Mar 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-003(0-2)

Tot Ion: 82 Resp: 1115144
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.5 51.7
 54 47.8 39.3 58.9

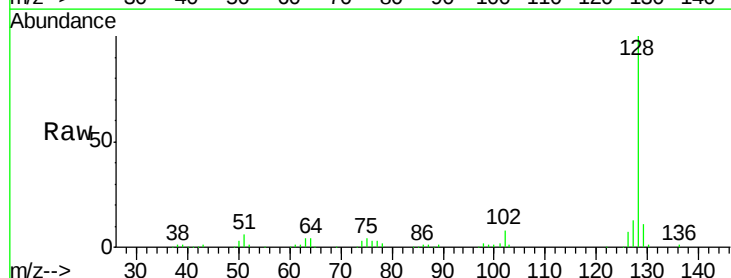


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

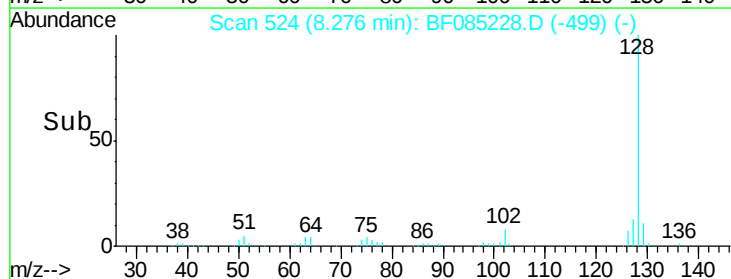
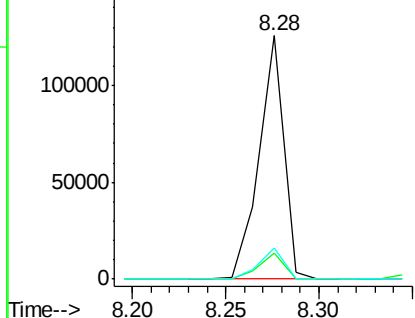


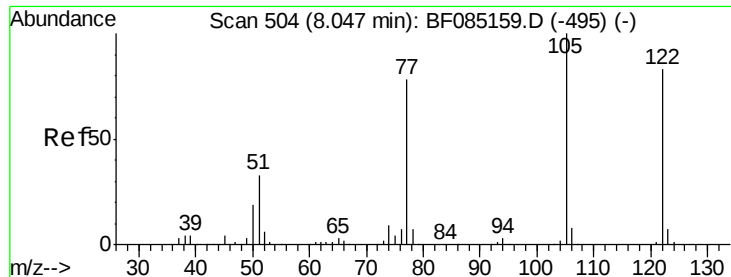
#31
 Naphthalene
 Concen: 3.21 ng
 RT: 8.28 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085228.D
 Acq: 5 Mar 2016 3:07

Tgt Ion: 128 Resp: 114680
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.7 14.5
 127 12.8 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

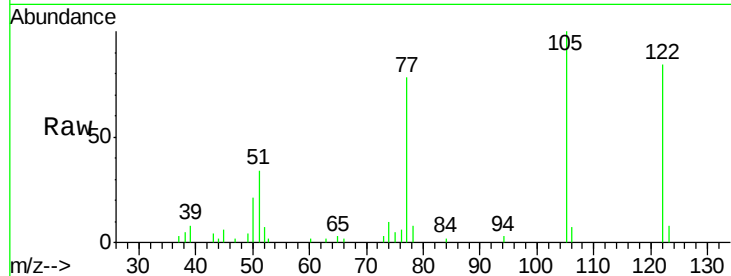




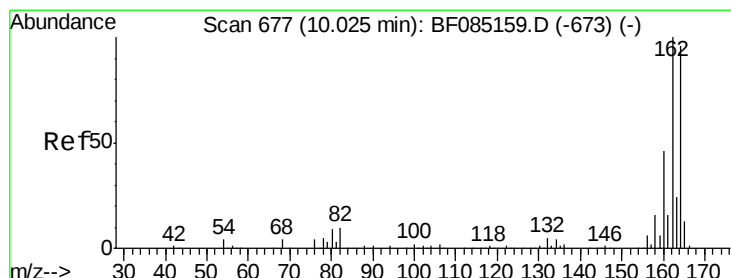
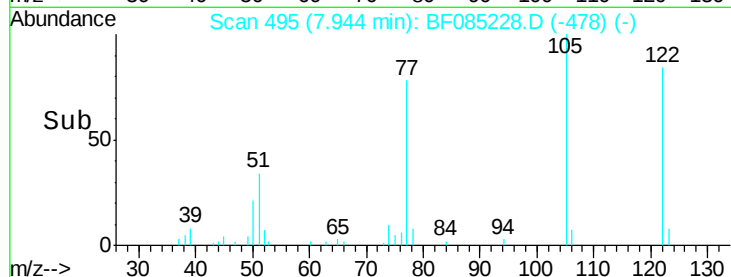
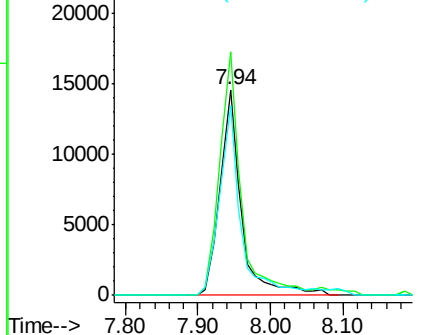
#32
Benzoic acid
Concen: 3.67 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.10 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tot Ion:122 Resp: 29846
Ion Ratio Lower Upper
122 100
105 118.7 101.3 141.3
77 92.4 74.7 114.7

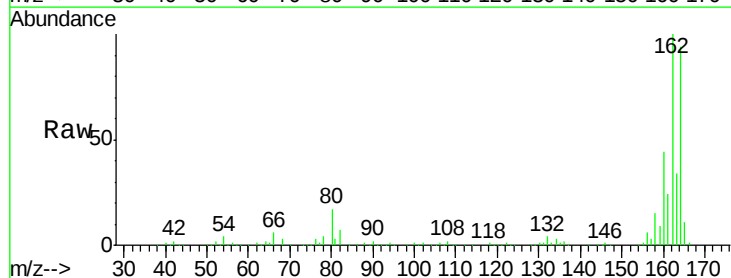


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

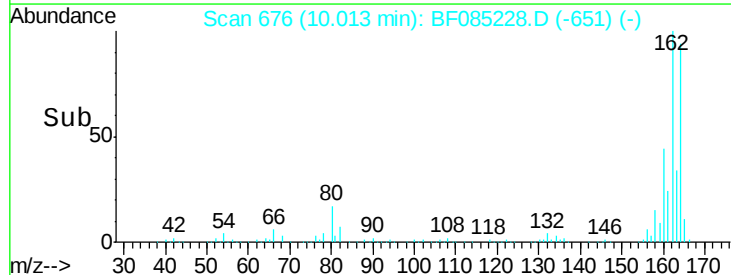
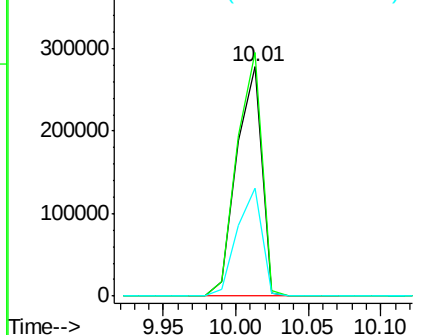


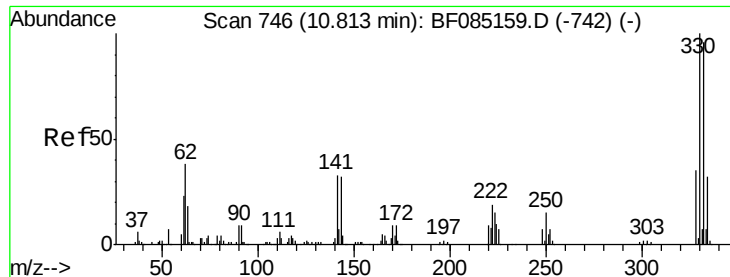
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:164 Resp: 334970
Ion Ratio Lower Upper
164 100
162 106.3 83.3 124.9
160 47.3 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

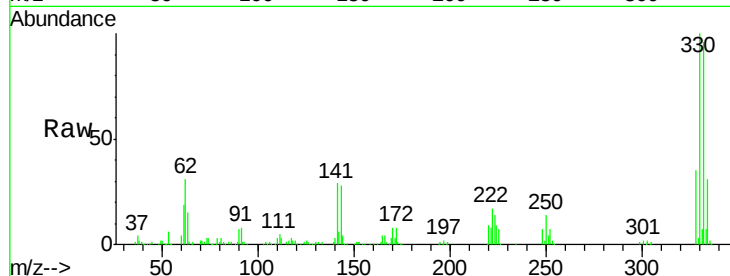




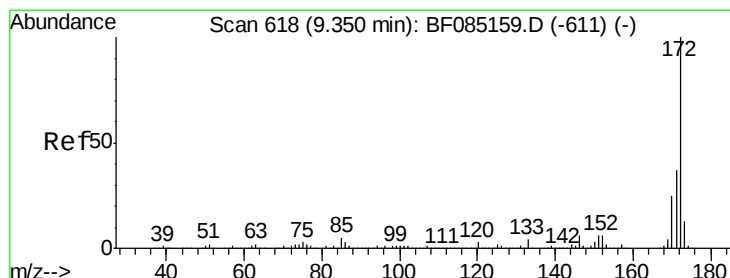
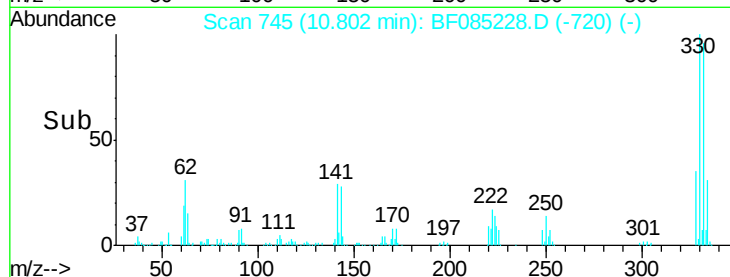
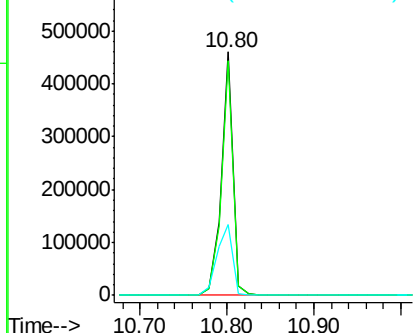
#41
 2,4,6-Tribromophenol
 Concen: 152.39 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085228.D
 Acq: 5 Mar 2016 3:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-003(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	38.7	35.0	52.6

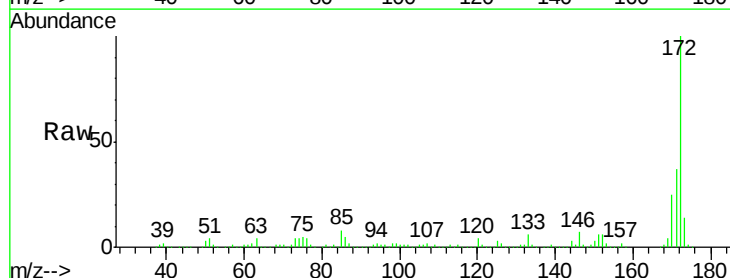


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

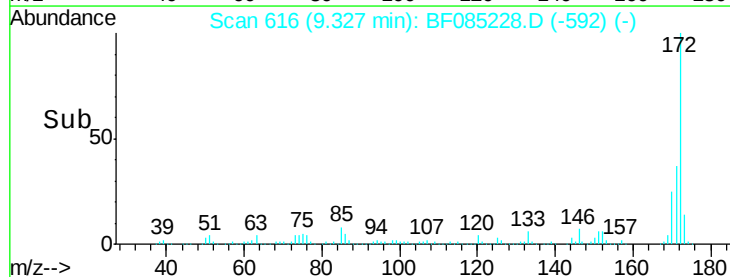
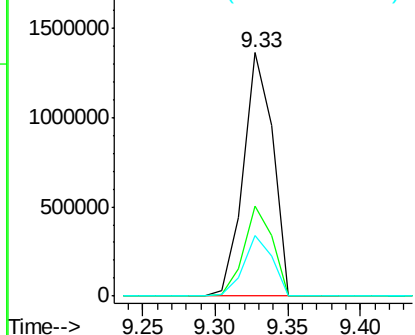


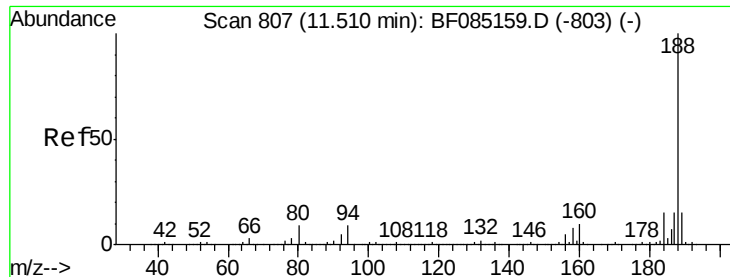
#44
 2-Fluorobiphenyl
 Concen: 86.88 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085228.D
 Acq: 5 Mar 2016 3:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	25.0	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

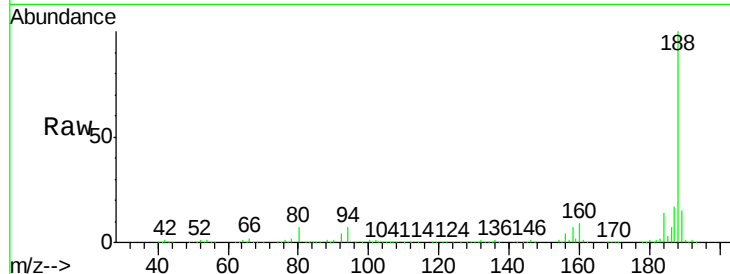




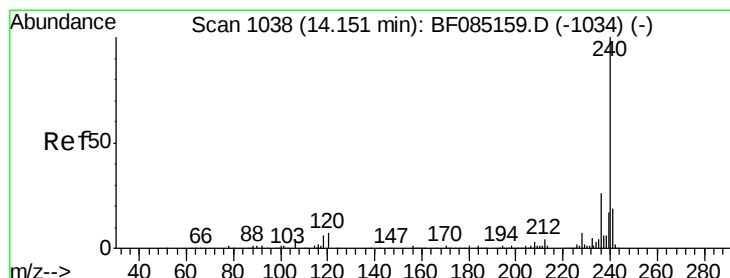
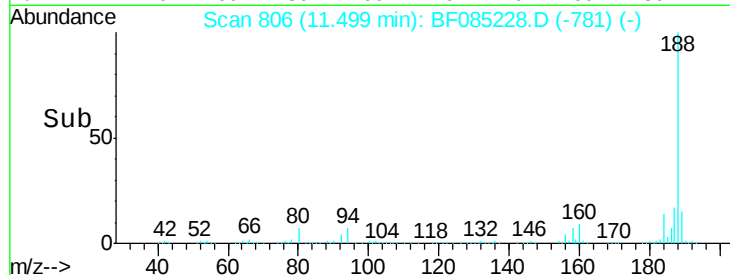
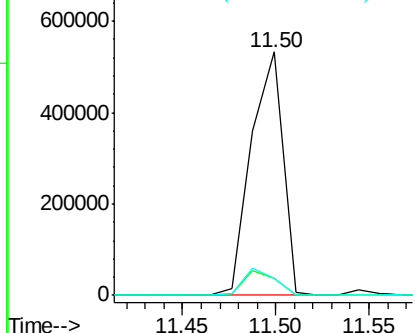
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Tot Ion:188 Resp: 628179
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 6.9 7.4 11.0#

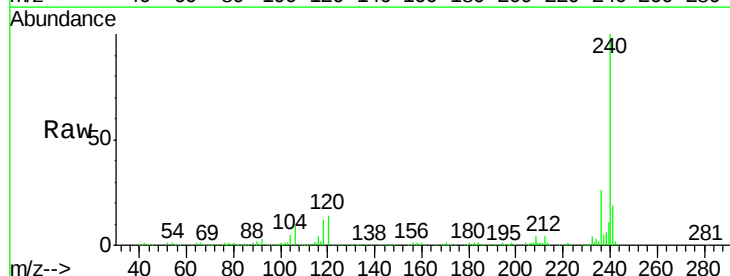


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

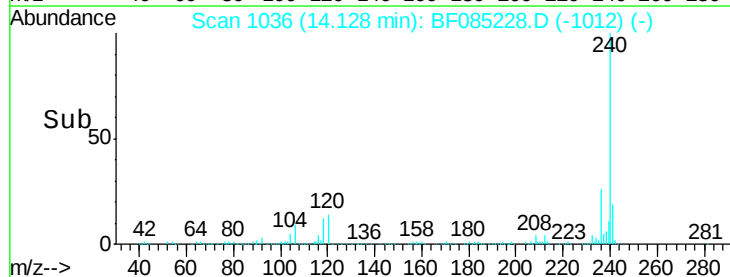
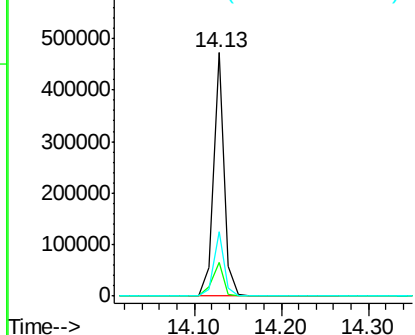


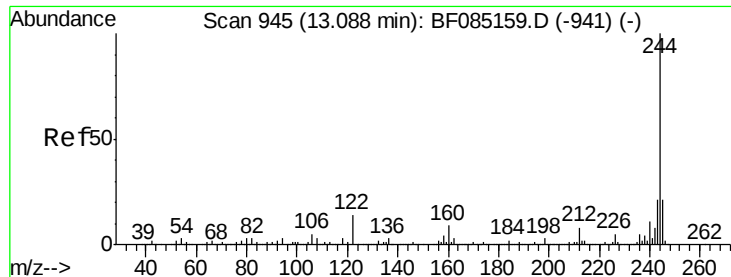
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085228.D
Acq: 5 Mar 2016 3:07

Tgt Ion:240 Resp: 407915
Ion Ratio Lower Upper
240 100
120 13.7 5.3 7.9#
236 26.3 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: 106.39 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085228.D

Acq: 5 Mar 2016 3:07

Instrument :

BNA_F

ClientSampleId :

SP-003(0-2)

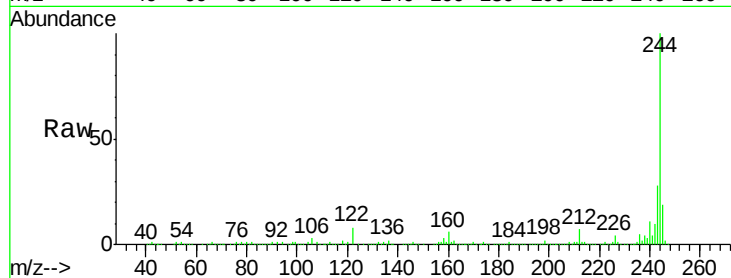
Tot Ion:244 Resp: 1869486

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

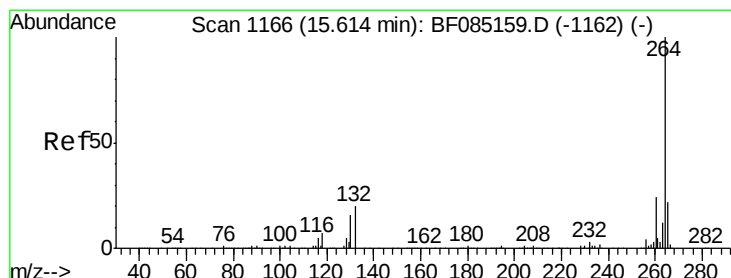
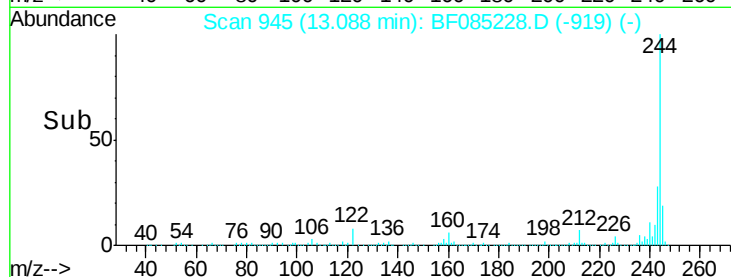
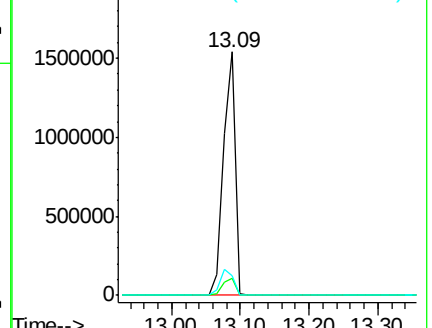
122 8.3 11.4 17.2#



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: 15.59 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF085228.D

Acq: 5 Mar 2016 3:07

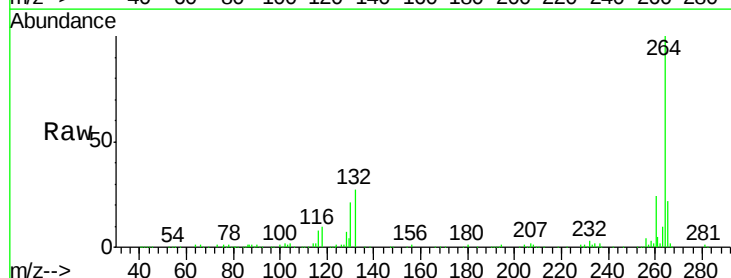
Tgt Ion:264 Resp: 281165

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 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

