

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085259.D
 Acq On : 8 Mar 2016 16:53
 Operator : UM/SJ
 Sample : H1713-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

Quant Time: Mar 09 00:38:02 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	6.96	152	146338	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	540714	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	267840	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	511260	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	371565	20.00	ng	-0.03
86) Perylene-d12	15.58	264	276227	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	521447	59.77	ng	-0.02
7) Phenol-d6	6.57	99	420057	36.75	ng	-0.03
23) Nitrobenzene-d5	7.52	82	932413	92.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	343684	149.96	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1717382	97.51	ng	-0.02
78) Terphenyl-d14	13.08	244	1713593	107.06	ng	-0.01

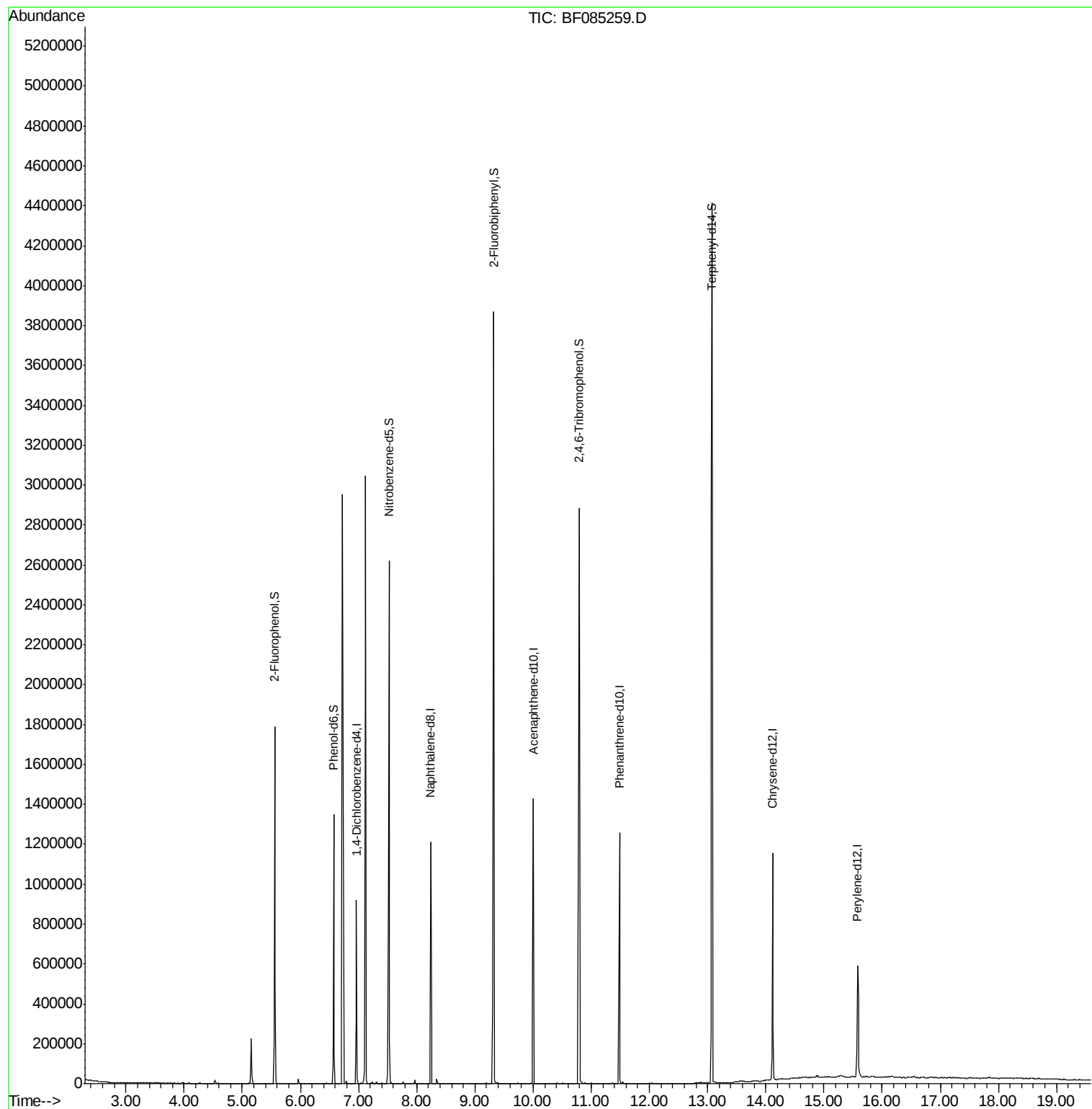
Target Compounds	Qvalue
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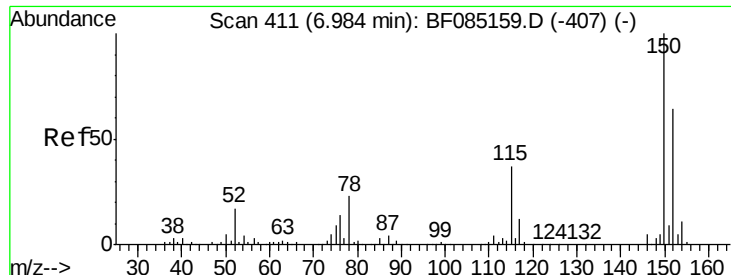
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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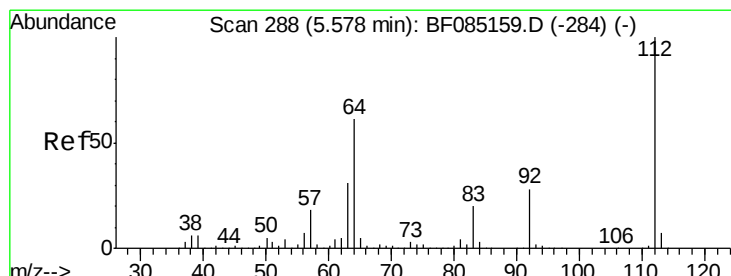
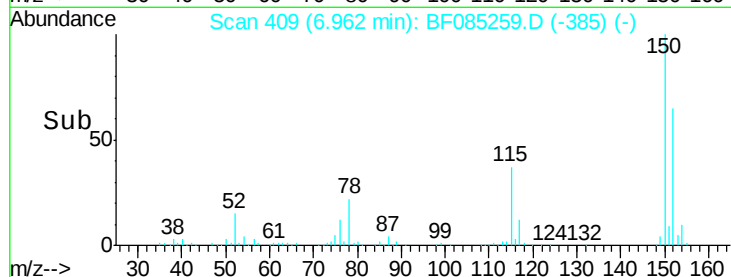
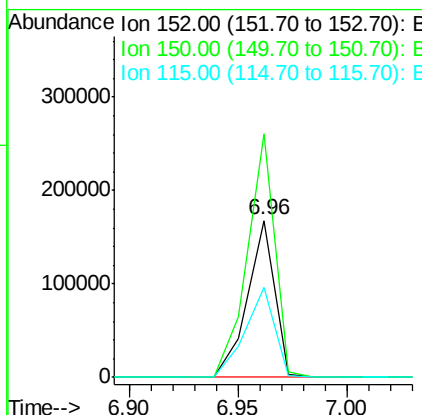
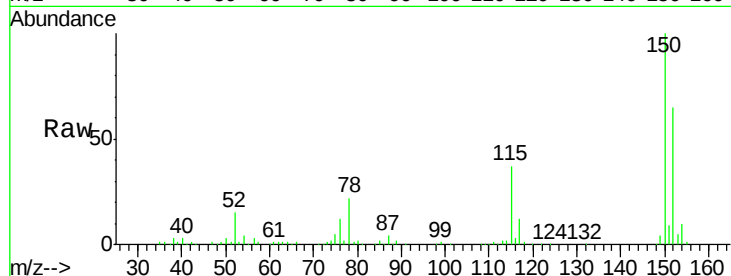




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

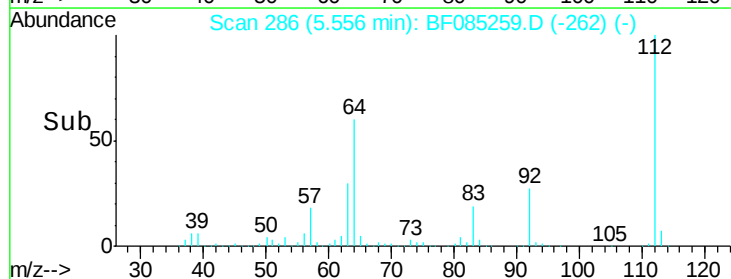
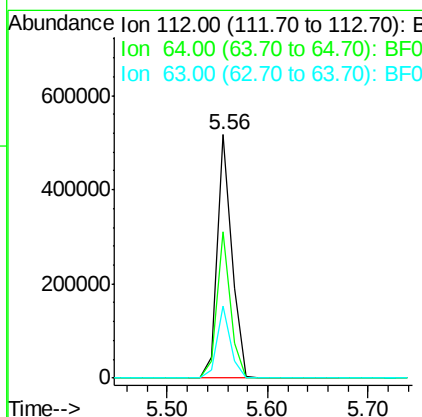
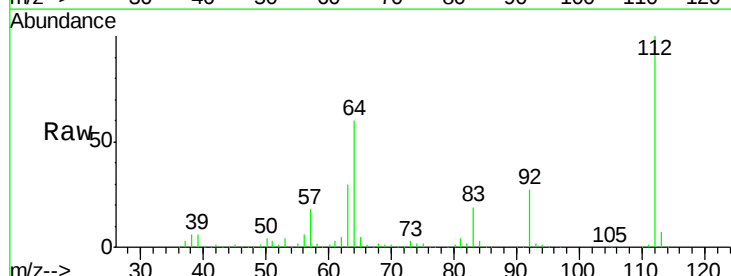
Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

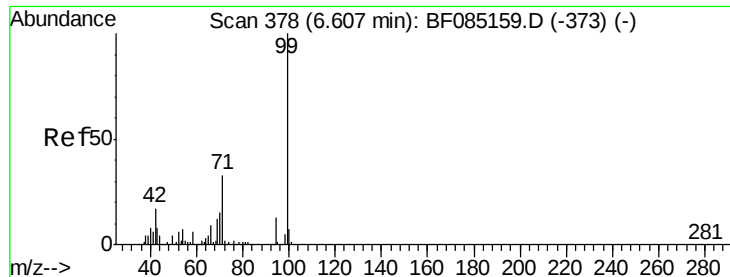
Tgt Ion:152 Resp: 146338
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 57.5 46.6 70.0



#5
 2-Fluorophenol
 Concen: 59.77 ng
 RT: 5.56 min Scan# 286
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Tgt Ion:112 Resp: 521447
 Ion Ratio Lower Upper
 112 100
 64 59.9 49.0 73.4
 63 29.8 24.8 37.2





#7

Phenol-d6

Concen: 36.75 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

Instrument :

BNA_F

ClientSampleId :

SUP-FB-05

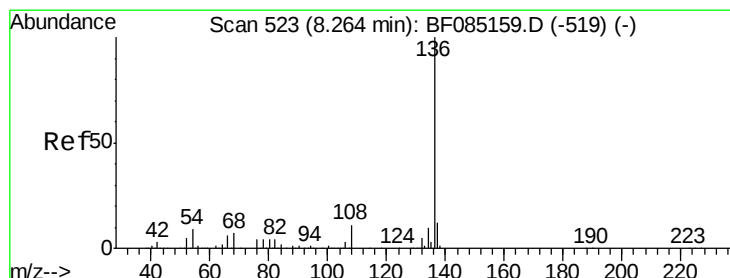
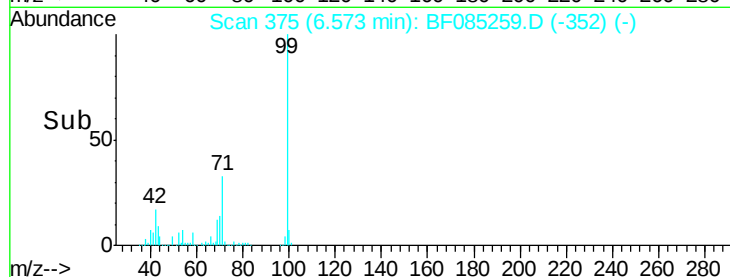
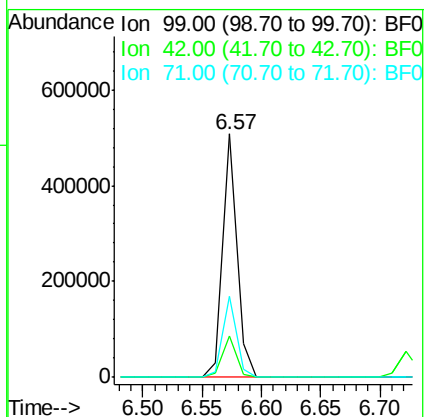
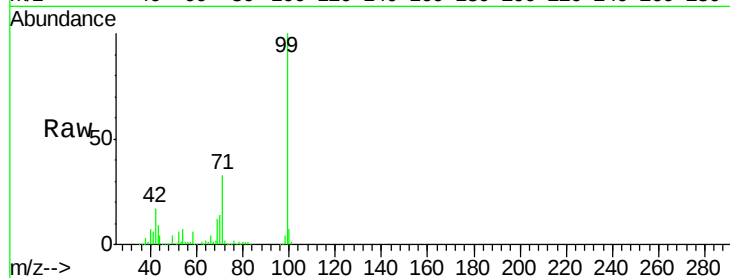
Tgt Ion: 99 Resp: 420057

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

71 33.0 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

Tgt Ion: 136 Resp: 540714

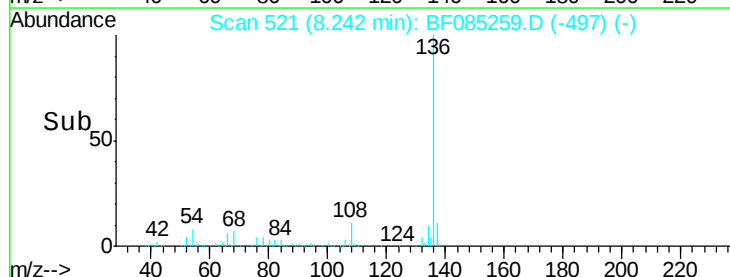
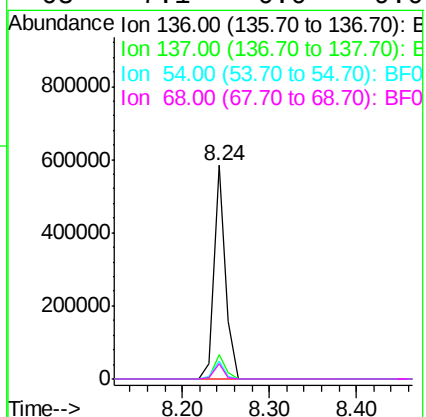
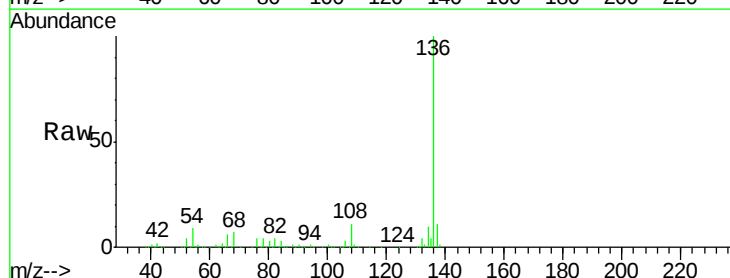
Ion Ratio Lower Upper

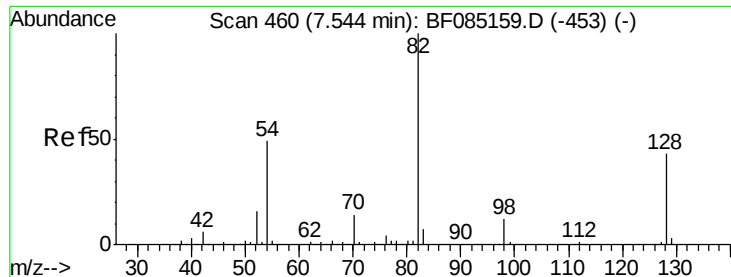
136 100

137 11.4 9.3 13.9

54 8.6 7.4 11.2

68 7.1 6.0 9.0

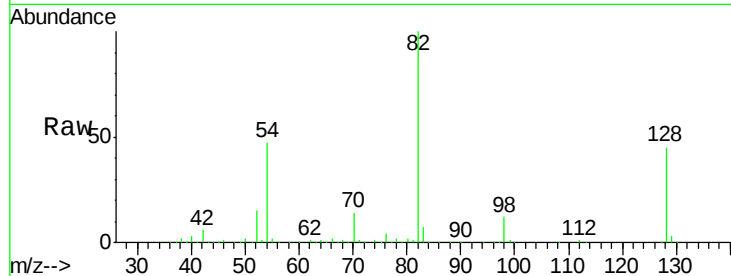




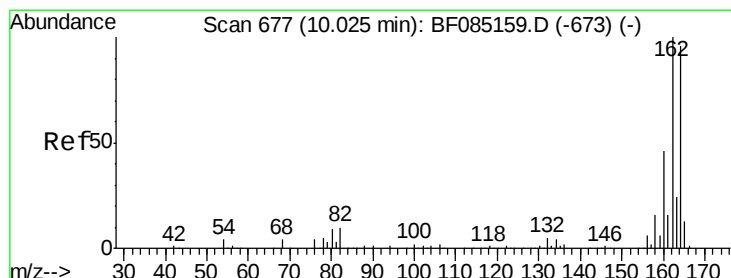
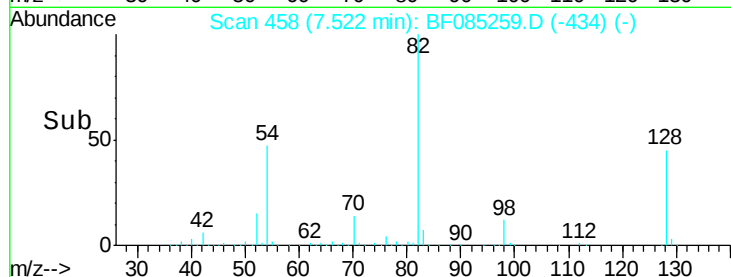
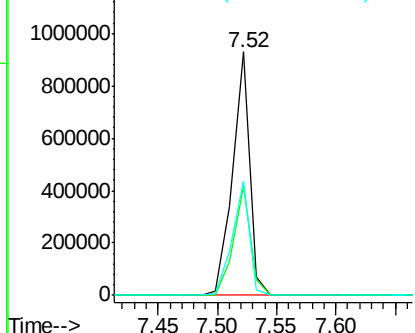
#23
 Nitrobenzene-d5
 Concen: 92.28 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

Tgt Ion: 82 Resp: 932413
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.5 51.7
 54 46.8 39.3 58.9

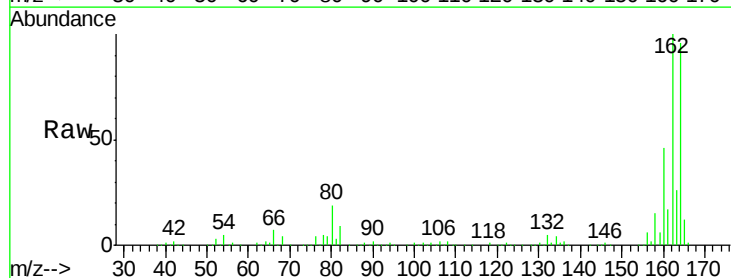


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

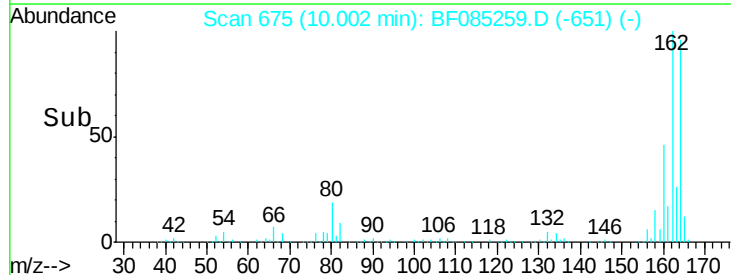
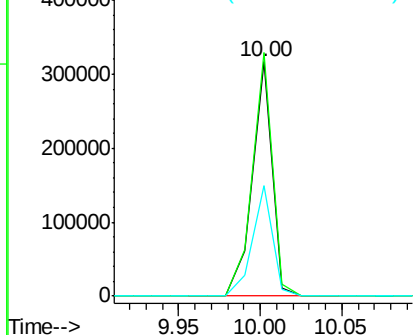


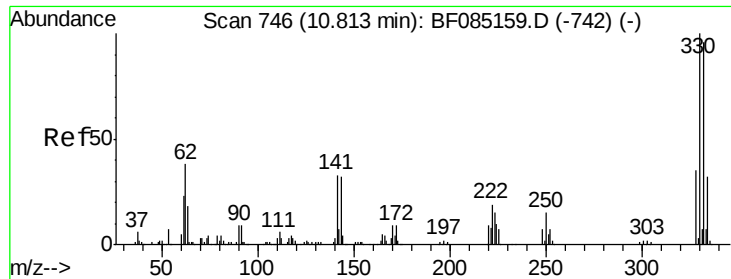
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Tgt Ion: 164 Resp: 267840
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.3 124.9
 160 47.4 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

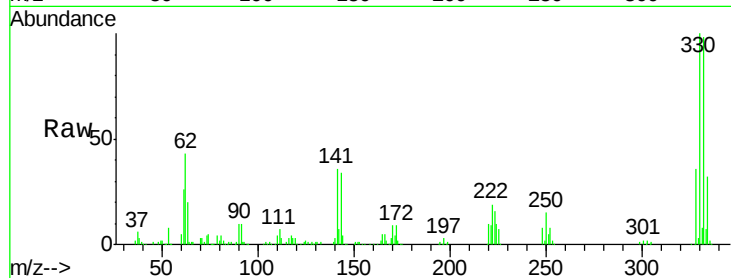




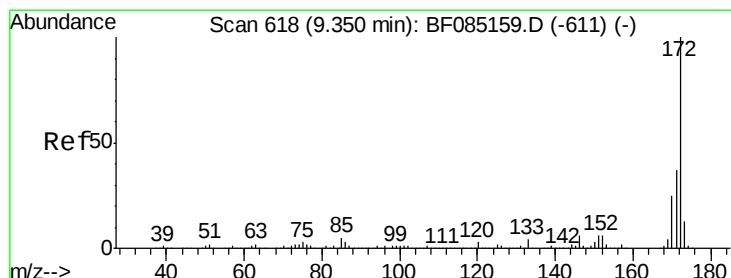
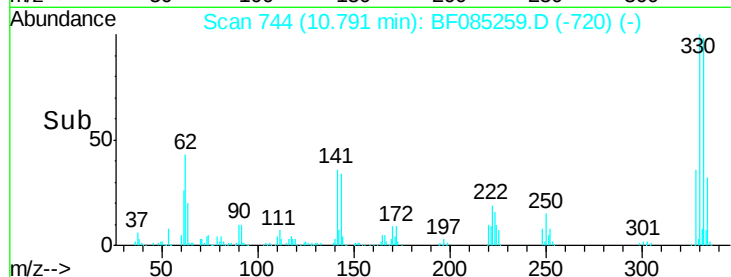
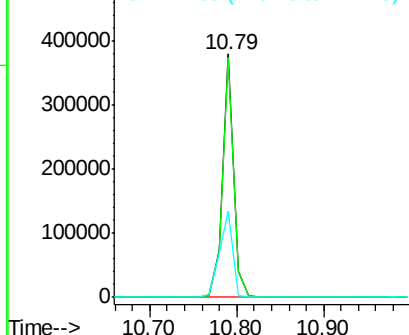
#41
 2,4,6-Tribromophenol
 Concen: 149.96 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 SUP-FB-05

Tgt Ion:330 Resp: 343684
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.1 115.7
 141 42.6 35.0 52.6

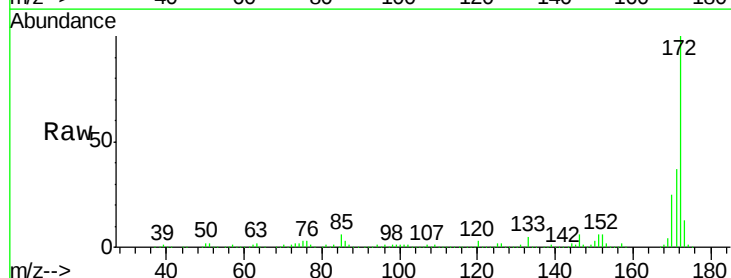


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

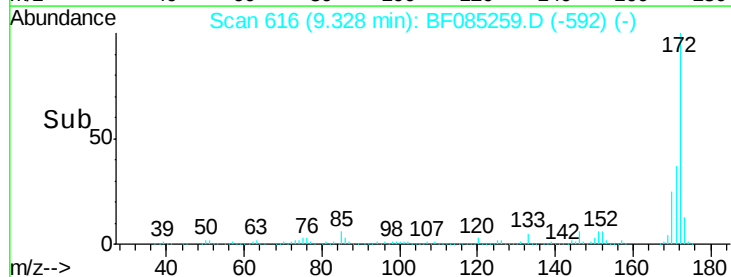
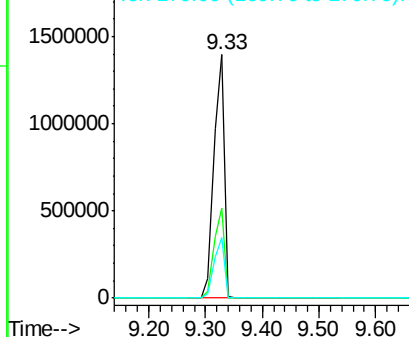


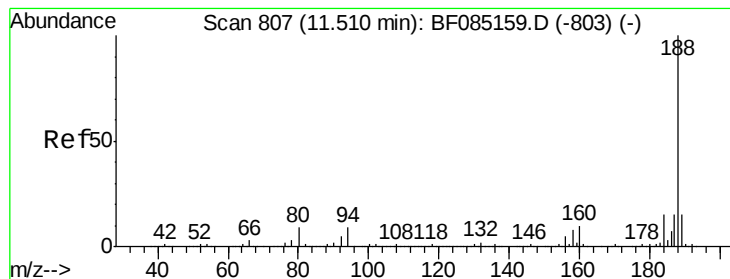
#44
 2-Fluorobiphenyl
 Concen: 97.51 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085259.D
 Acq: 8 Mar 2016 16:53

Tgt Ion:172 Resp: 1717382
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.3 43.9
 170 24.7 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: 11.49 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

Instrument :

BNA_F

ClientSampleId :

SUP-FB-05

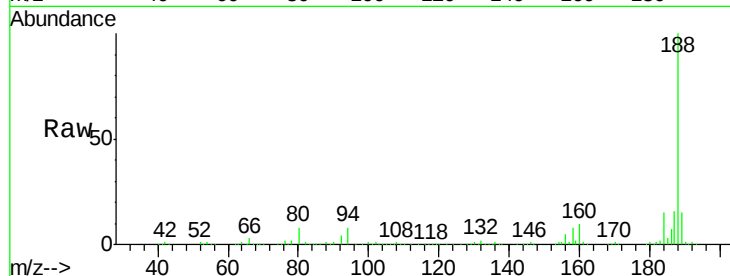
Tgt Ion:188 Resp: 511260

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

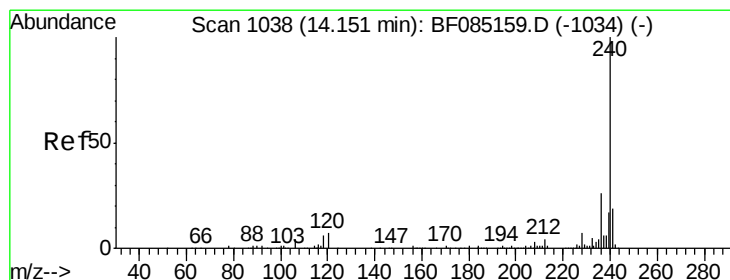
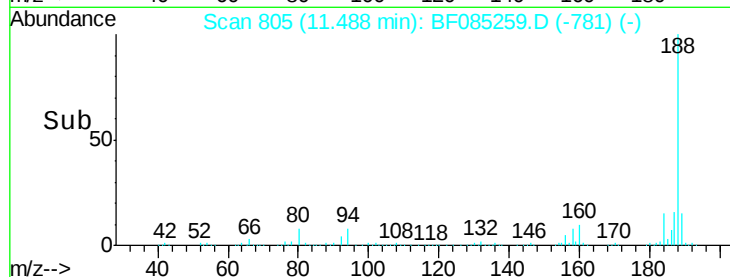
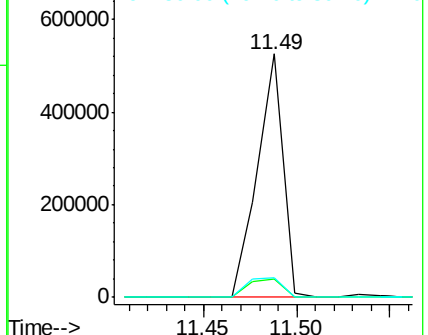
80 7.9 7.4 11.0



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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

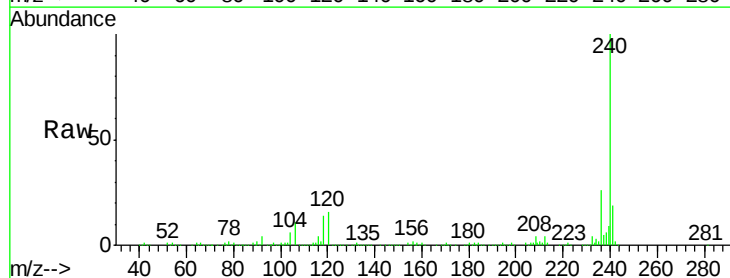
Tgt Ion:240 Resp: 371565

Ion Ratio Lower Upper

240 100

120 16.0 5.3 7.9#

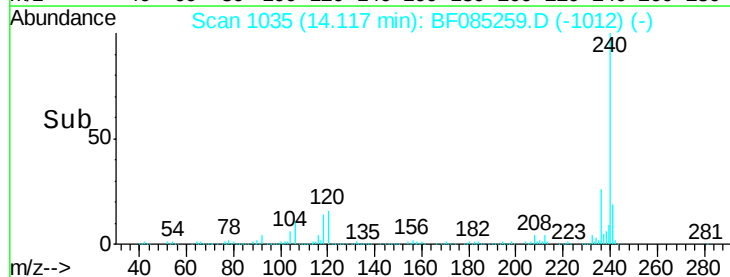
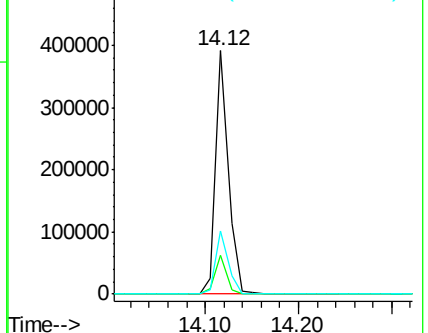
236 26.0 20.7 31.1

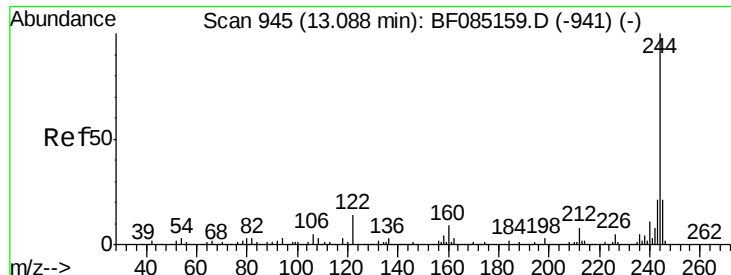


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.06 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

Instrument :

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SUP-FB-05

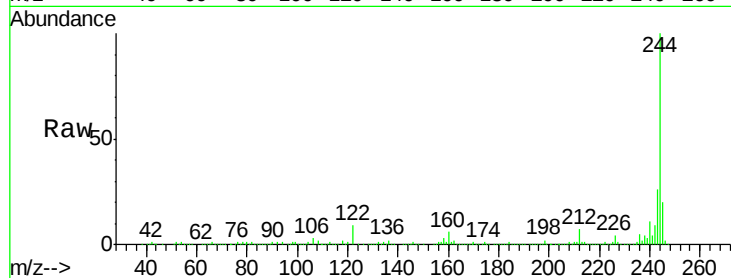
Tgt Ion:244 Resp: 1713593

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

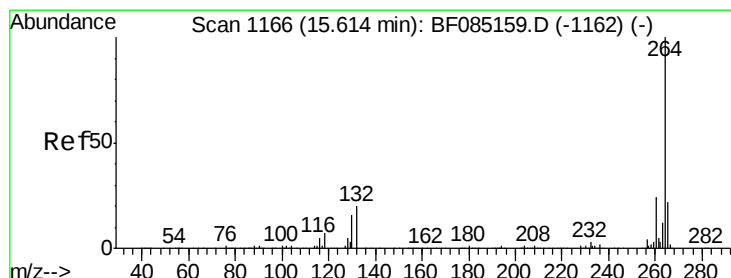
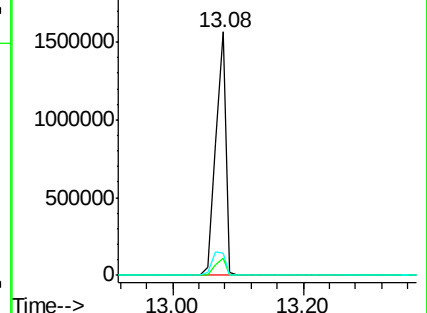
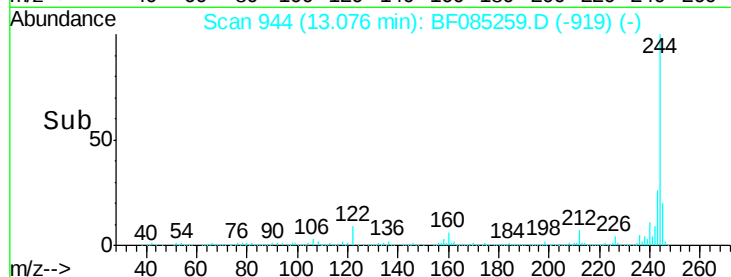
122 8.9 11.4 17.2#



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: 15.58 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF085259.D

Acq: 8 Mar 2016 16:53

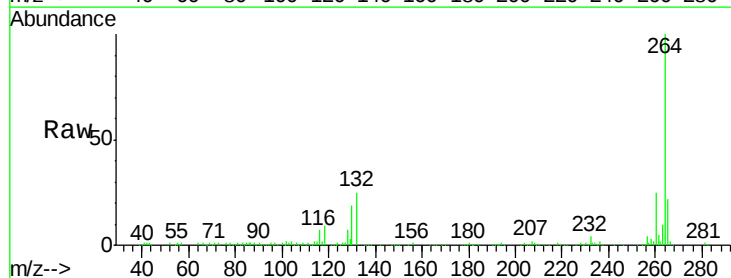
Tgt Ion:264 Resp: 276227

Ion Ratio Lower Upper

264 100

260 24.8 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

