

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085309.D
 Acq On : 9 Mar 2016 20:08
 Operator : UM/SJ
 Sample : H1724-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-E

Quant Time: Mar 10 00:46:13 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

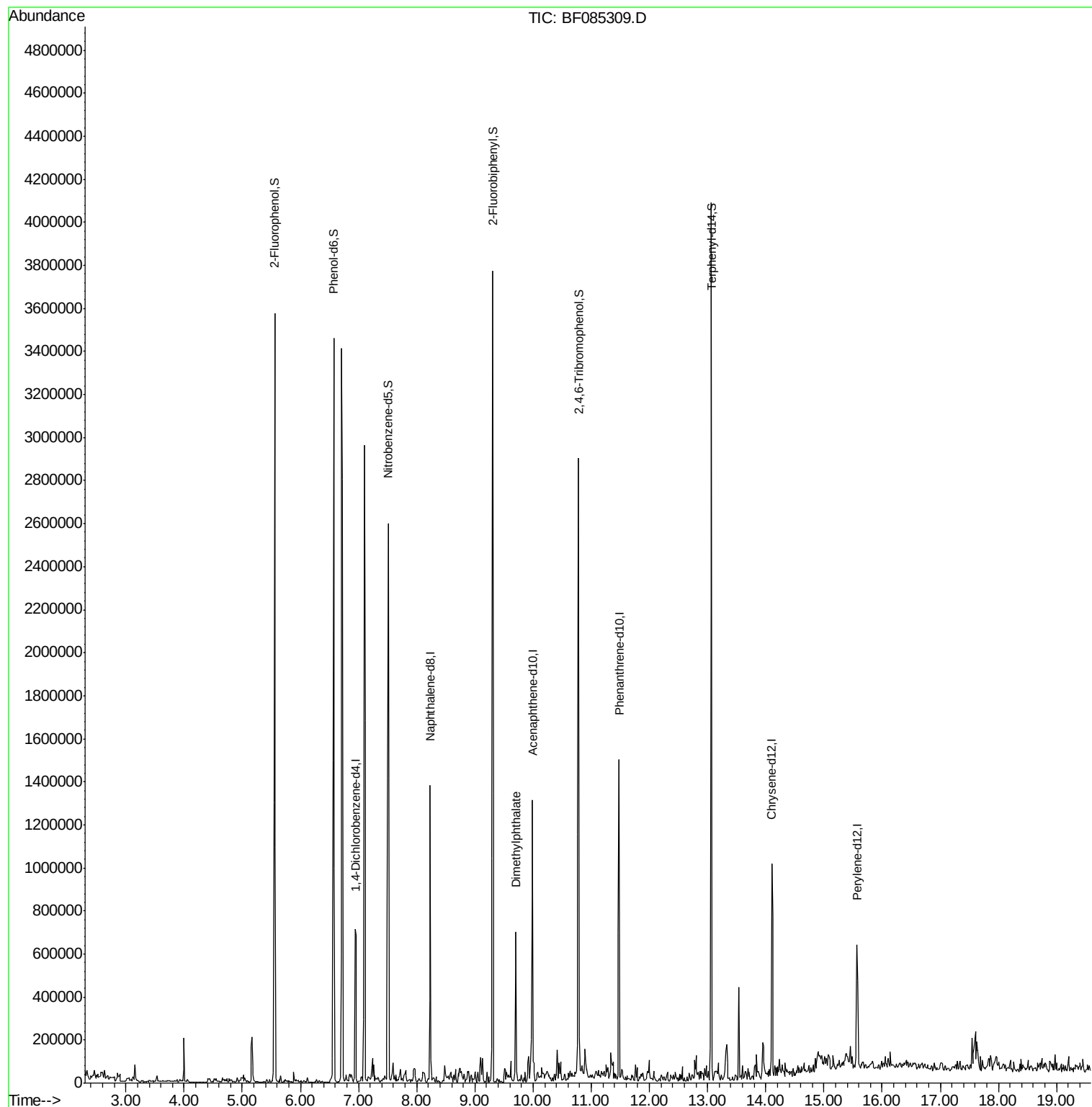
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	160128	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	621285	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	302021	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	600814	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	427905	20.00	ng	-0.05
86) Perylene-d12	15.57	264	264057	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1285064	134.61	ng	-0.02
7) Phenol-d6	6.57	99	1603285	128.19	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1016943	87.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	362477	140.26	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1454512	73.24	ng	-0.05
78) Terphenyl-d14	13.07	244	1500098	81.38	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	404146	17.43	ng	99

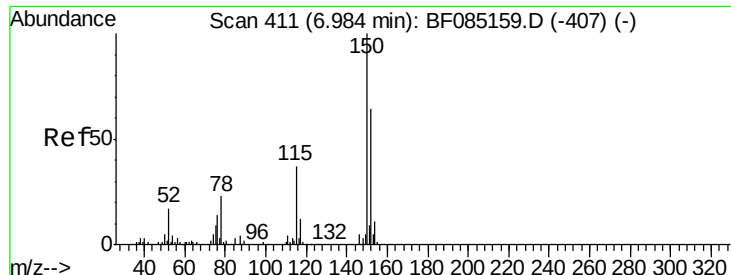
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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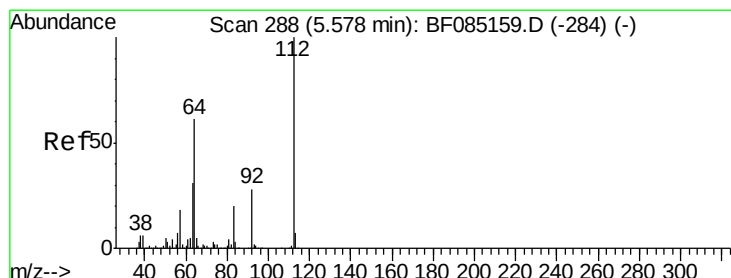
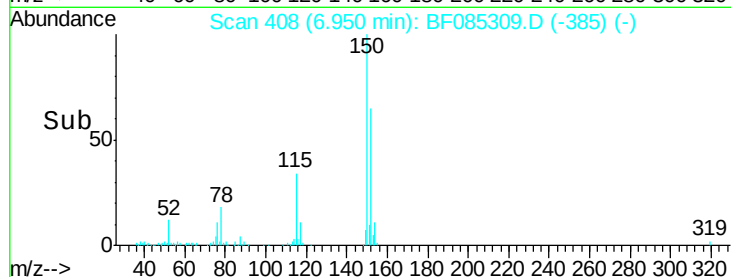
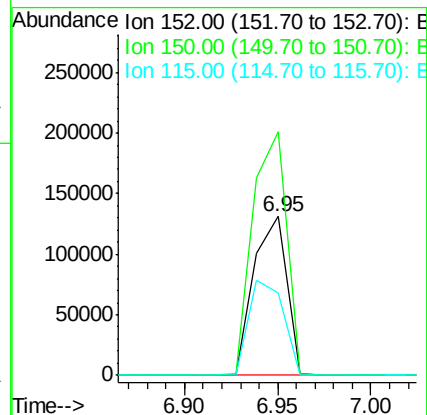
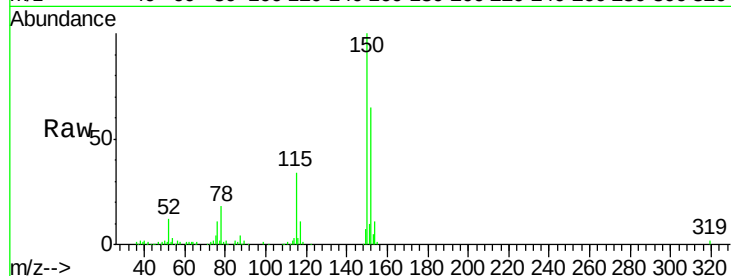


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Instrument :
BNA_F
ClientSampleId :
UST-SW-E

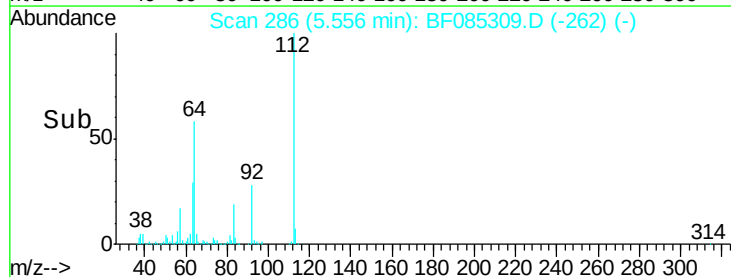
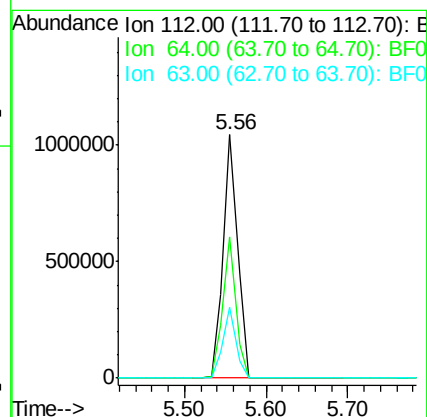
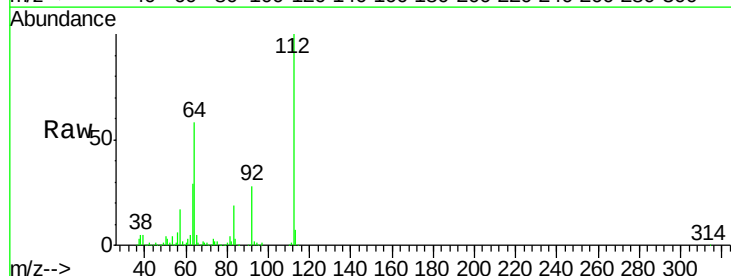
Tgt Ion:152 Resp: 160128
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 51.6 46.6 70.0

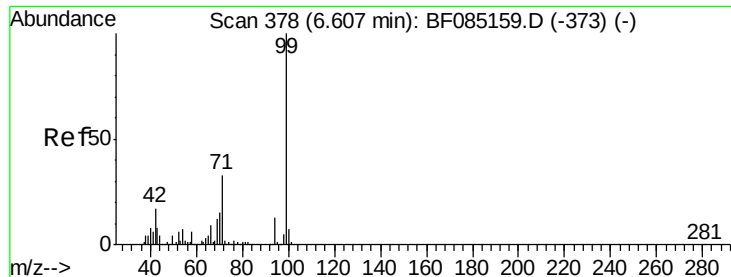


#5

2-Fluorophenol
Concen: 134.61 ng
RT: 5.56 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Tgt Ion:112 Resp: 1285064
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 29.3 24.8 37.2





#7

Phenol-d6

Concen: 128.19 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085309.D

Acq: 9 Mar 2016 20:08

Instrument :

BNA_F

ClientSampleId :

UST-SW-E

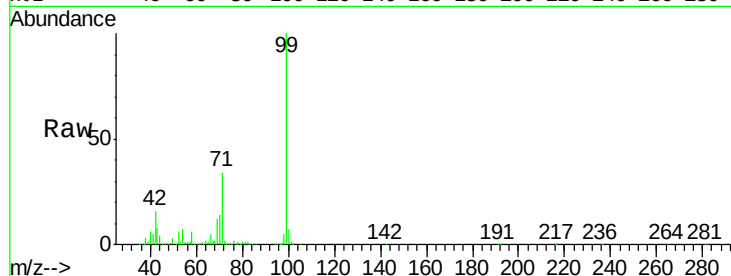
Tgt Ion: 99 Resp: 1603285

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

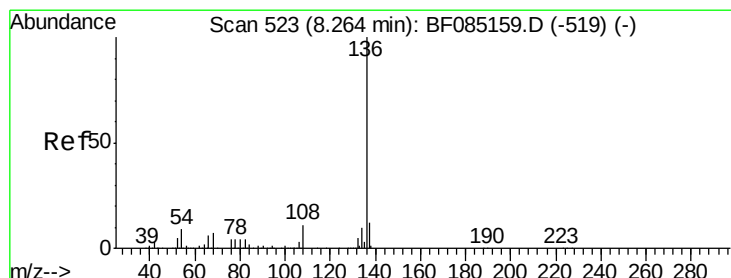
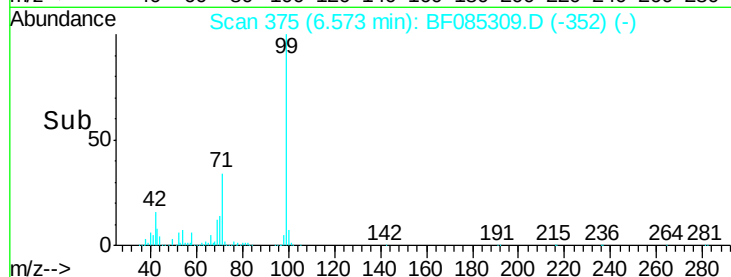
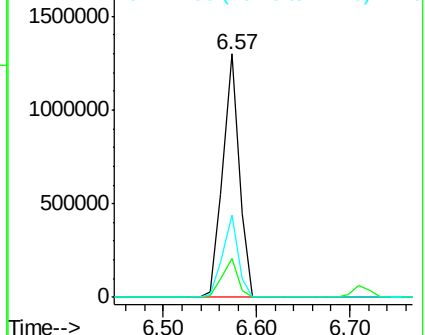
71 33.6 26.7 40.1



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: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085309.D

Acq: 9 Mar 2016 20:08

Tgt Ion: 136 Resp: 621285

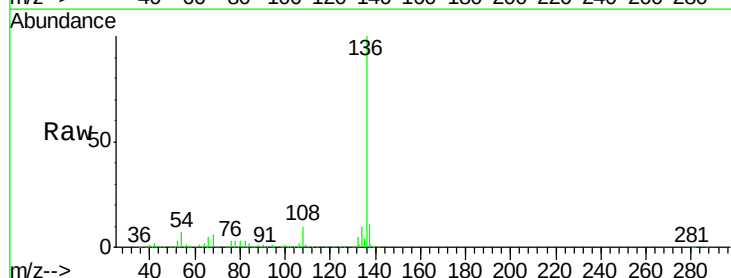
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.7 7.4 11.2#

68 5.8 6.0 9.0#

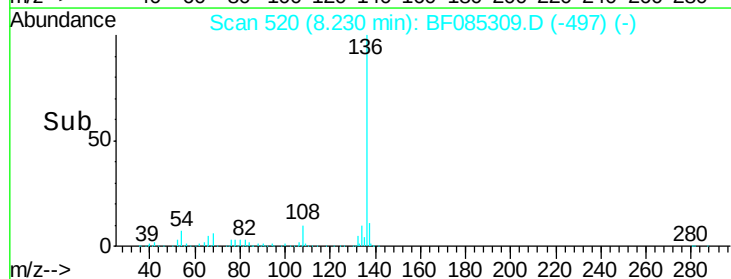
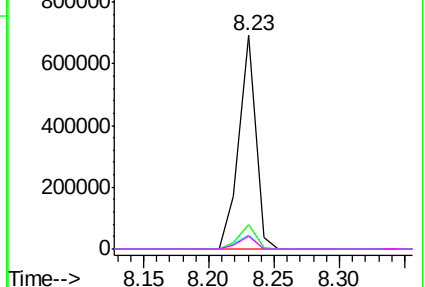


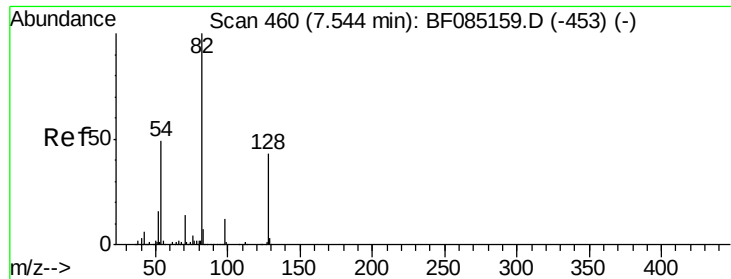
Abundance Ion 136.00 (135.70 to 136.70): E

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

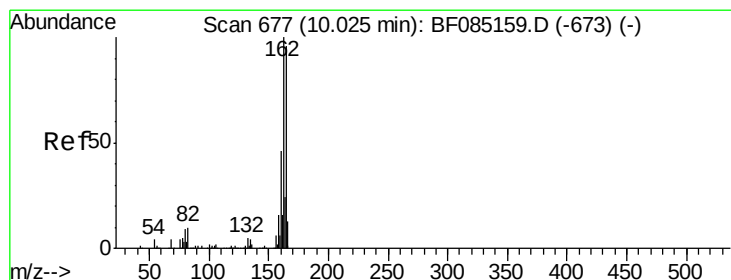
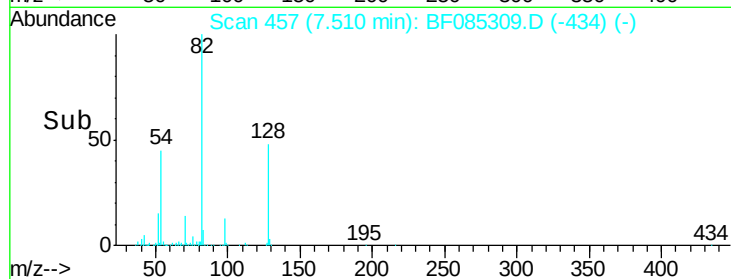
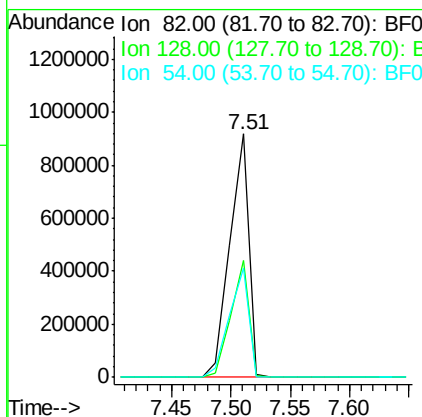
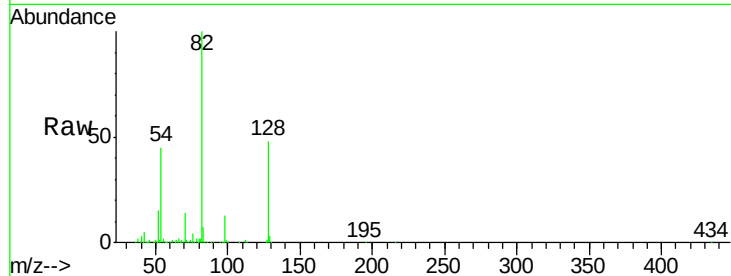




#23
 Nitrobenzene-d5
 Concen: 87.59 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

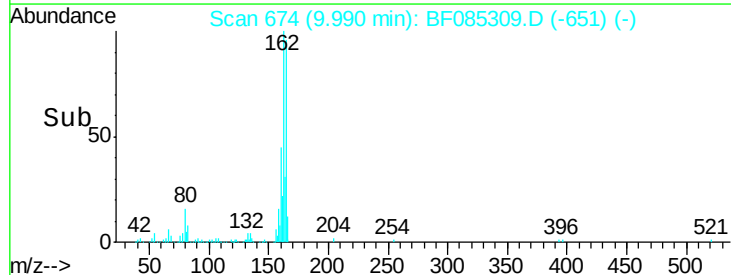
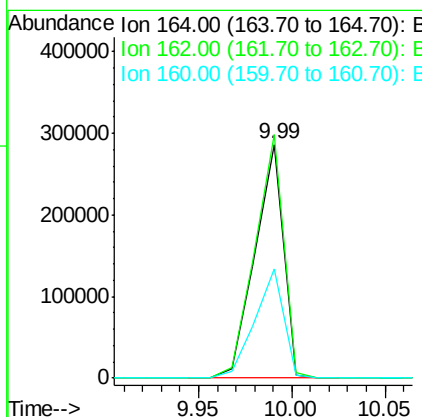
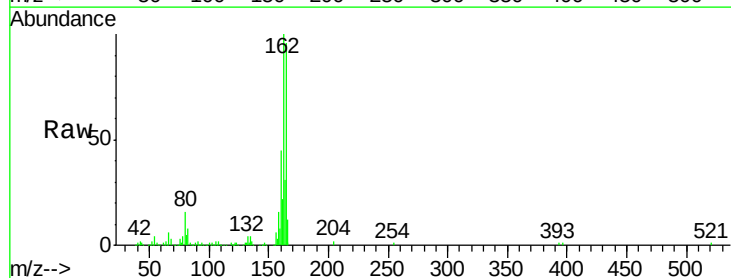
Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-E

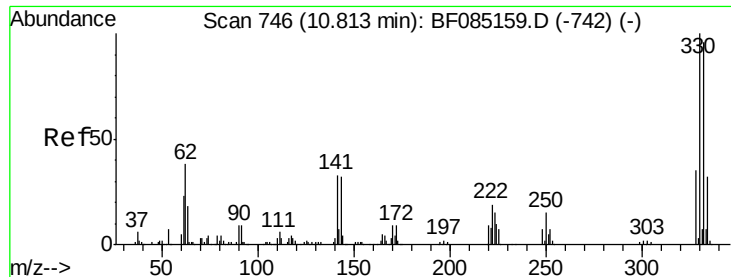
Tgt Ion: 82 Resp: 1016943
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.5 51.7
 54 44.7 39.3 58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

Tgt Ion: 164 Resp: 302021
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.3 124.9
 160 47.0 37.9 56.9

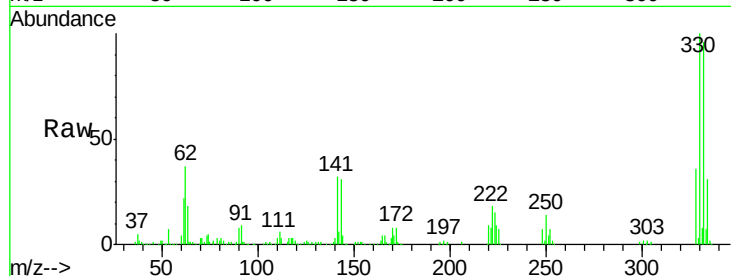




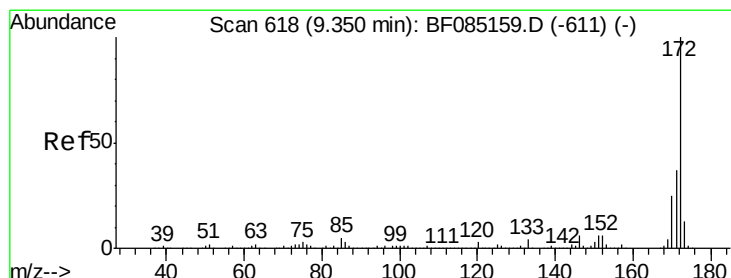
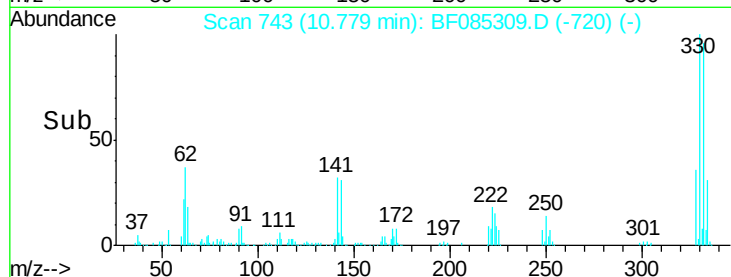
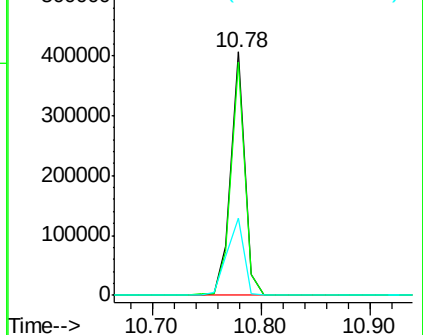
#41
 2,4,6-Tribromophenol
 Concen: 140.26 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-E

Tgt Ion:330 Resp: 362477
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 38.7 35.0 52.6

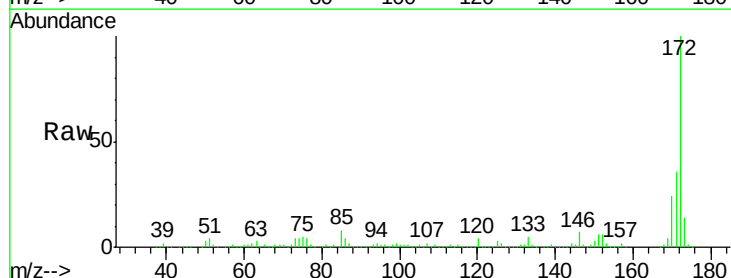


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

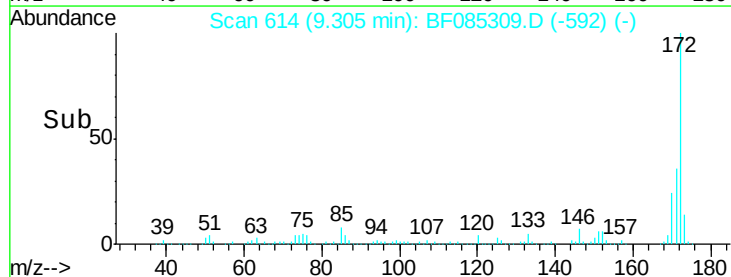
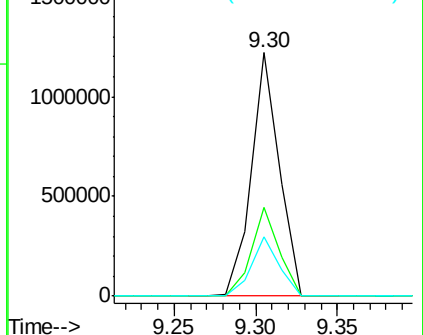


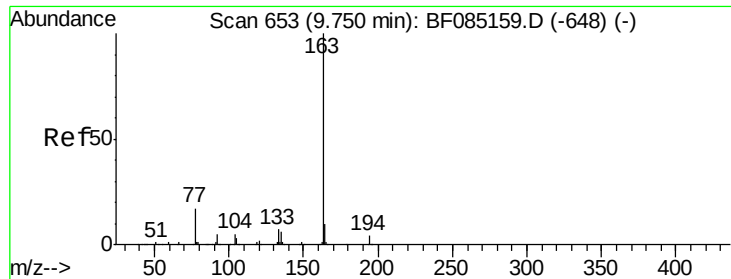
#44
 2-Fluorobiphenyl
 Concen: 73.24 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085309.D
 Acq: 9 Mar 2016 20:08

Tgt Ion:172 Resp: 1454512
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.3 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

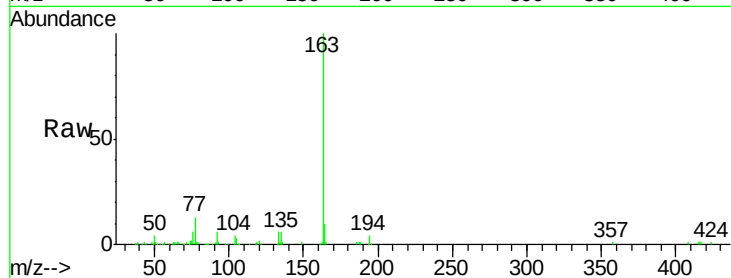




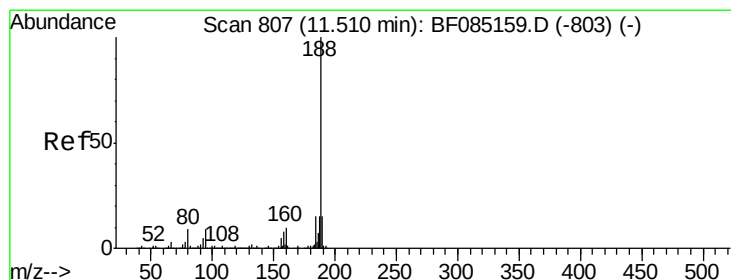
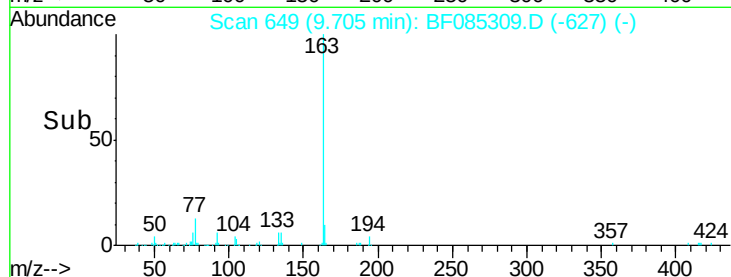
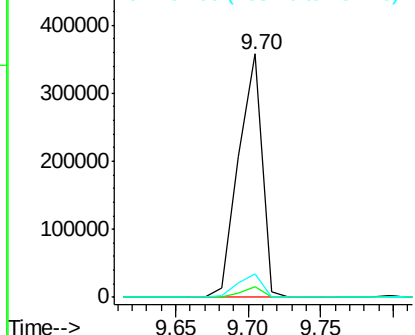
#49
Dimethylphthalate
Concen: 17.43 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Instrument :
BNA_F
ClientSampleId :
UST-SW-E

Tgt Ion:163 Resp: 404146
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.7 8.2 12.4

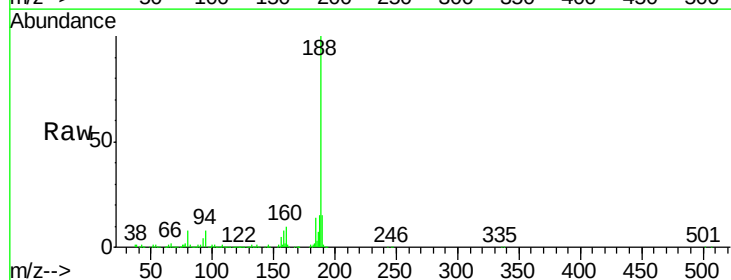


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

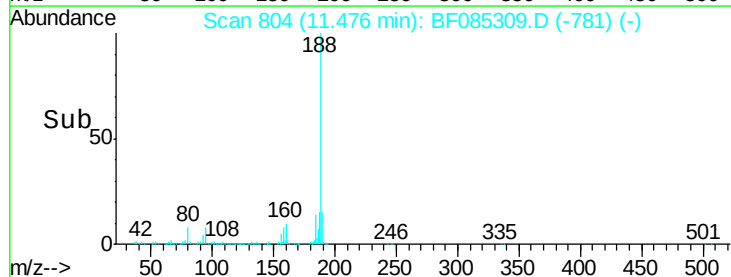
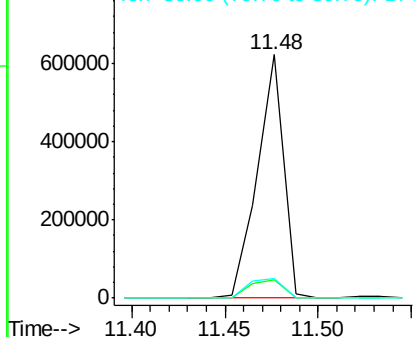


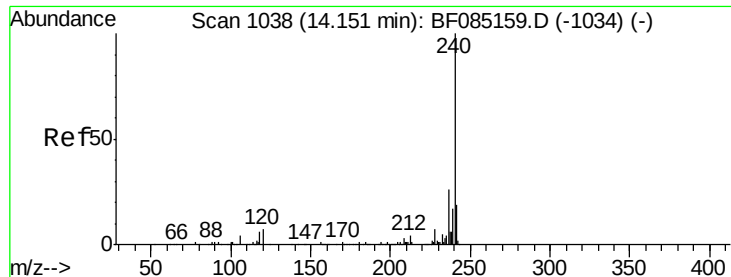
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085309.D
Acq: 9 Mar 2016 20:08

Tgt Ion:188 Resp: 600814
Ion Ratio Lower Upper
188 100
94 7.8 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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085309.D

Acq: 9 Mar 2016 20:08

Instrument :

BNA_F

ClientSampleId :

UST-SW-E

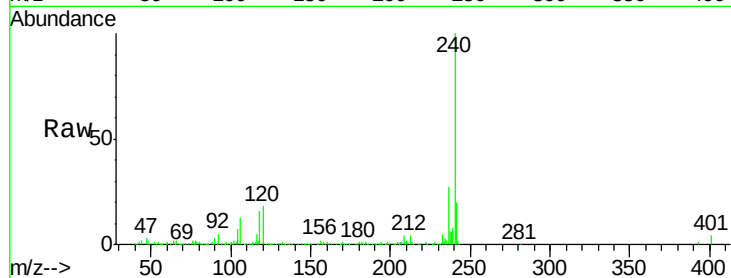
Tgt Ion:240 Resp: 427905

Ion Ratio Lower Upper

240 100

120 18.4 5.3 7.9#

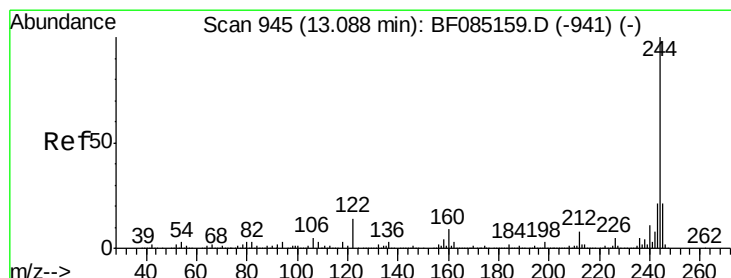
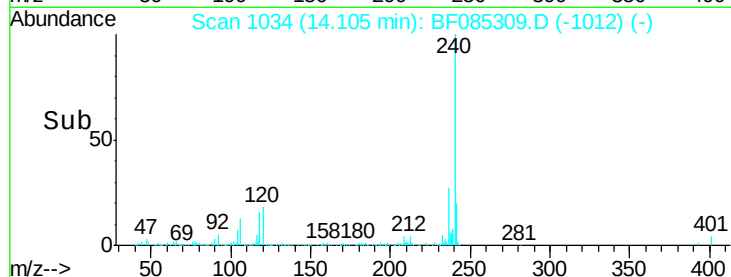
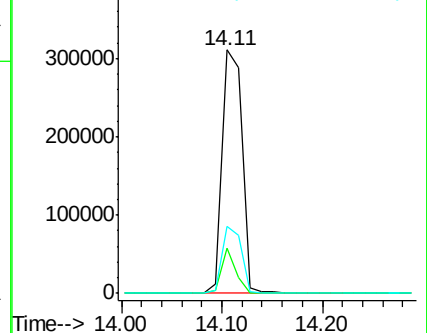
236 27.4 20.7 31.1



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: 81.38 ng

RT: 13.07 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085309.D

Acq: 9 Mar 2016 20:08

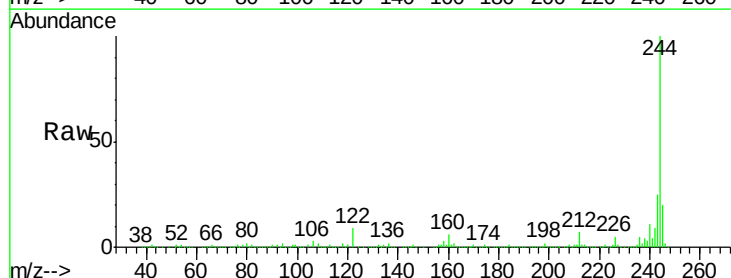
Tgt Ion:244 Resp: 1500098

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

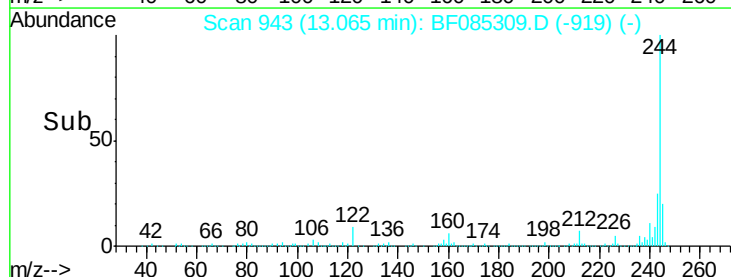
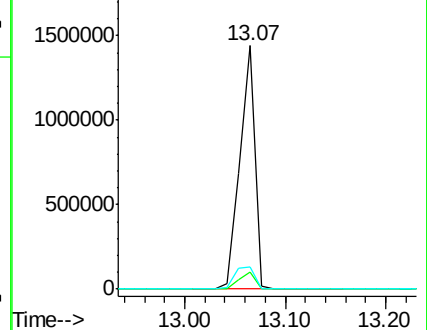
122 9.3 11.4 17.2#

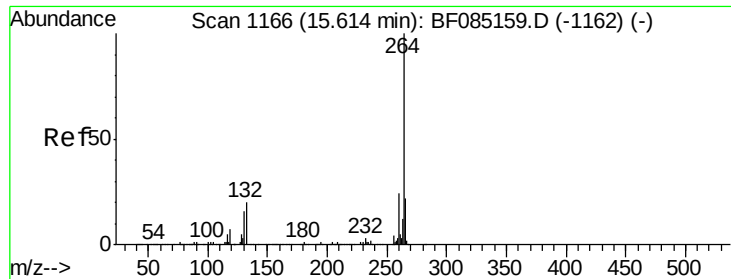


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085309.D
Acq: 9 Mar 2016 20:08

Instrument :
BNA_F
ClientSampleId :
UST-SW-E

Tgt Ion: 264 Resp: 264057
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.4 17.3 25.9

