

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085435.D
 Acq On : 14 Mar 2016 18:10
 Operator : UM/SJ
 Sample : H1757-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

Quant Time: Mar 15 03:19:07 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

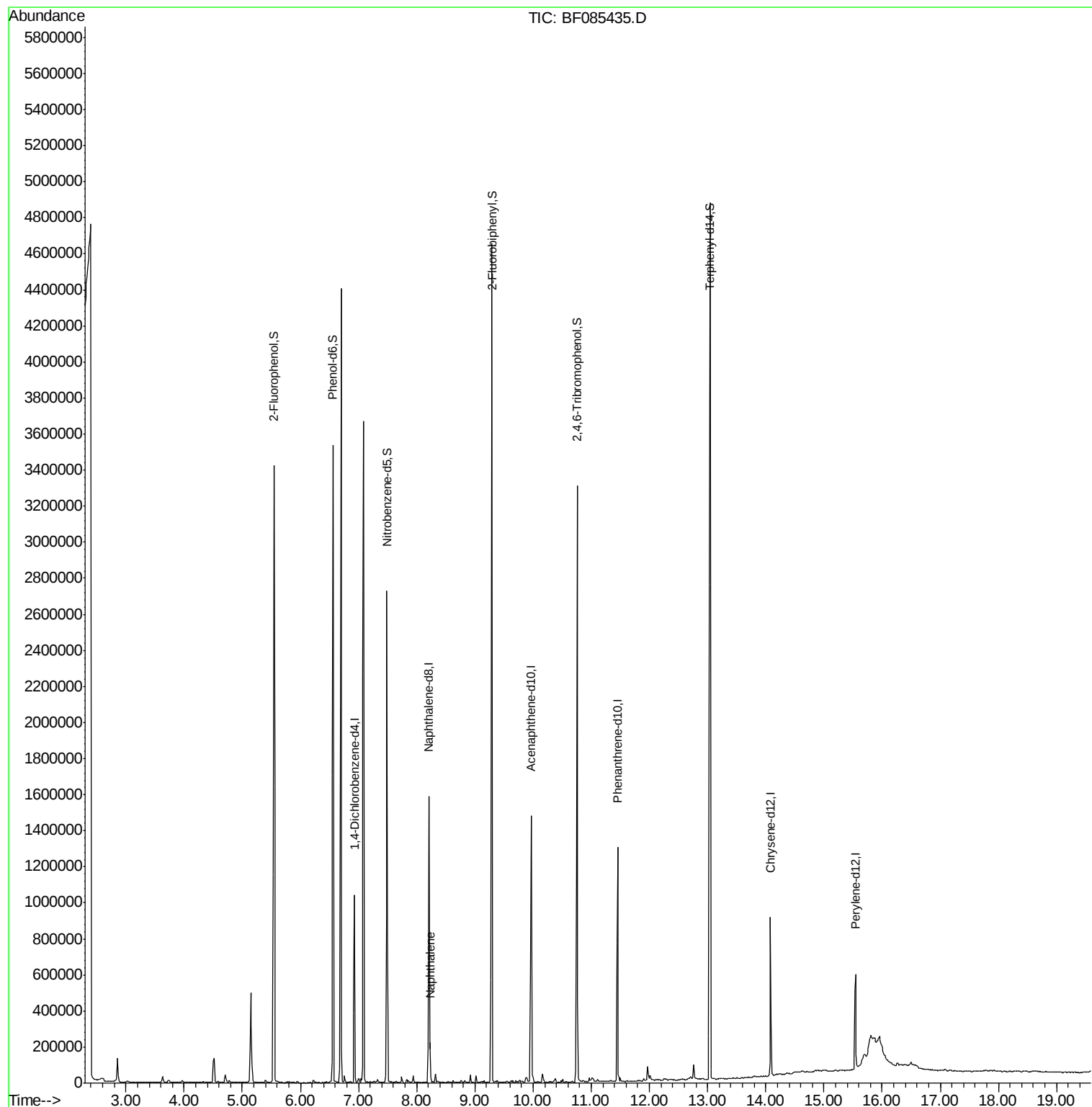
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	168296	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	652730	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	313730	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	574697	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	301512	20.00	ng	-0.07
86) Perylene-d12	15.55	264	270550	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1357242	135.28	ng	-0.03
7) Phenol-d6	6.56	99	1455583	110.73	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1071119	87.81	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	438775	163.45	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	2063417	100.03	ng	-0.06
78) Terphenyl-d14	13.04	244	1795398	138.23	ng	-0.05
Target Compounds						
31) Naphthalene	8.23	128	71898	2.24	ng	Qvalue 97

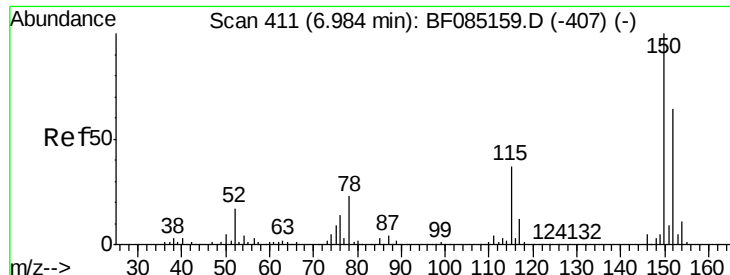
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

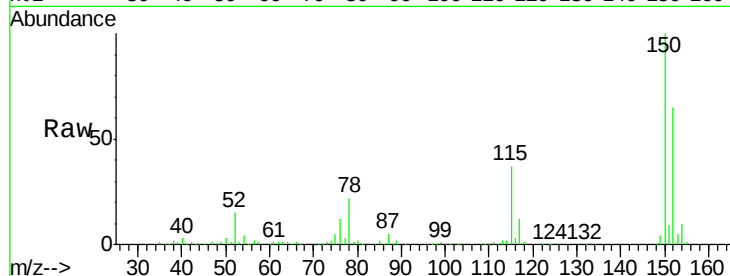
Tgt Ion:152 Resp: 168296

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

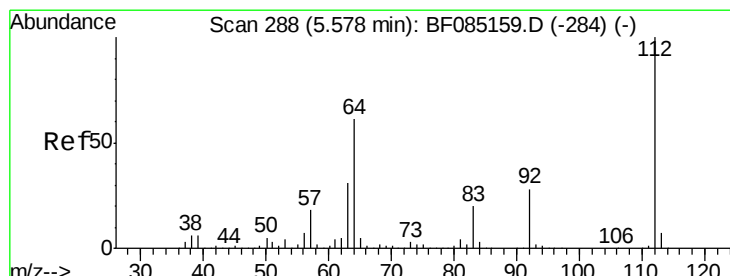
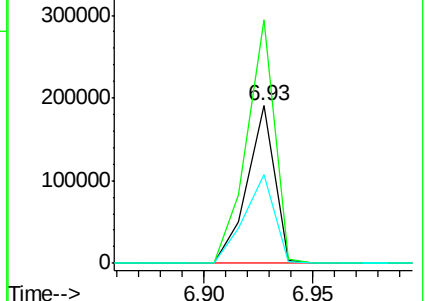
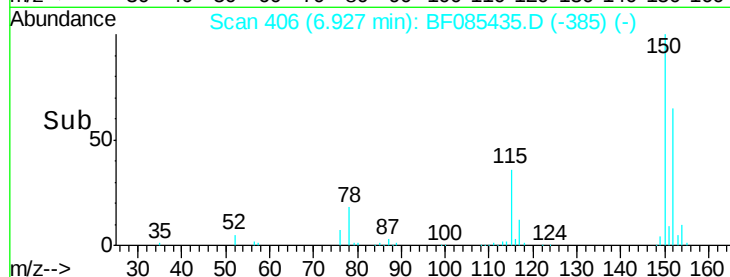
115 56.4 46.6 70.0



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: 135.28 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

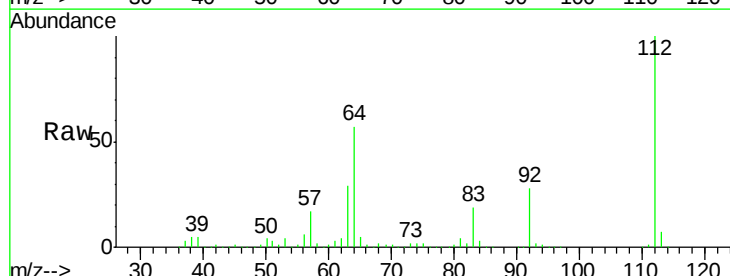
Tgt Ion:112 Resp: 1357242

Ion Ratio Lower Upper

112 100

64 57.5 49.0 73.4

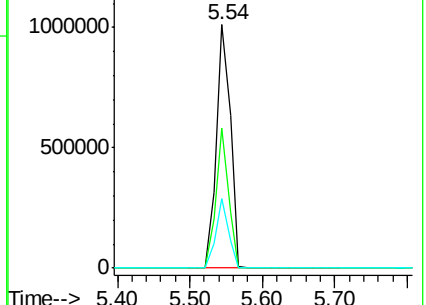
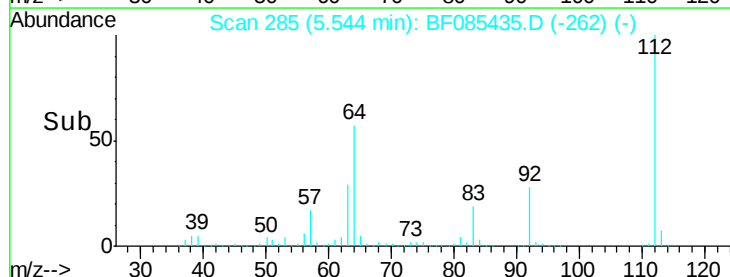
63 28.8 24.8 37.2



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: 110.73 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

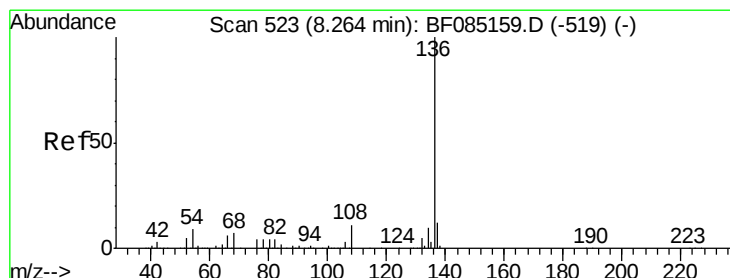
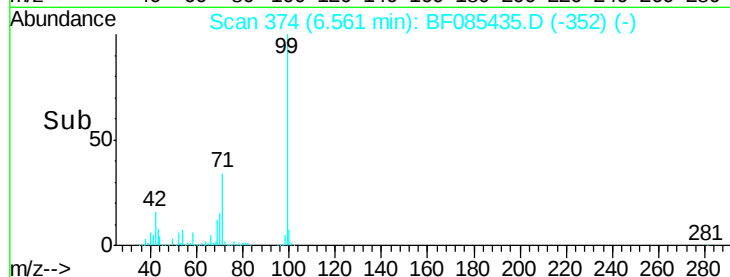
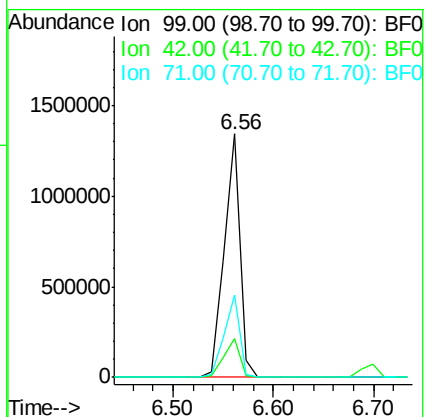
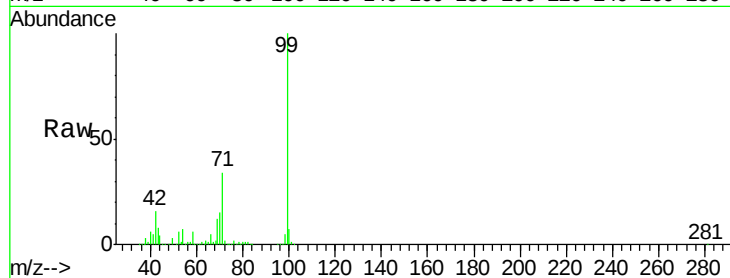
Tgt Ion: 99 Resp: 1455583

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

71 33.7 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

Tgt Ion: 136 Resp: 652730

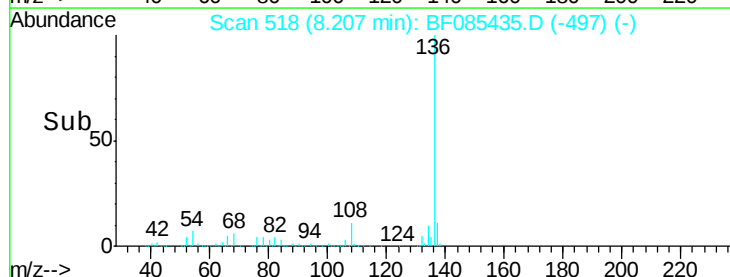
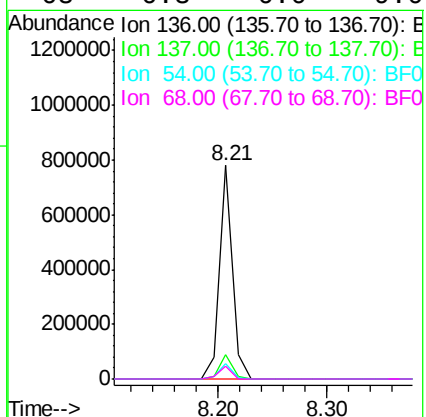
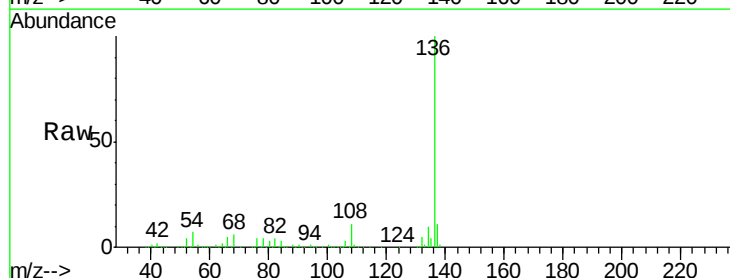
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.4 7.4 11.2#

68 6.3 6.0 9.0

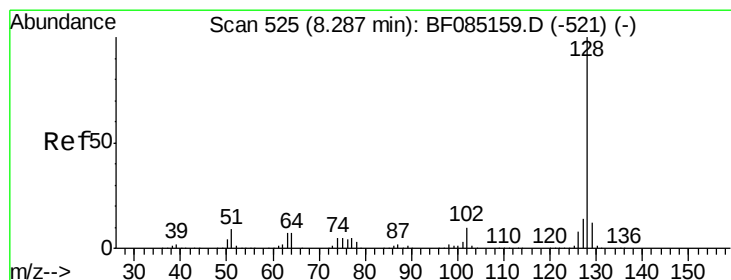
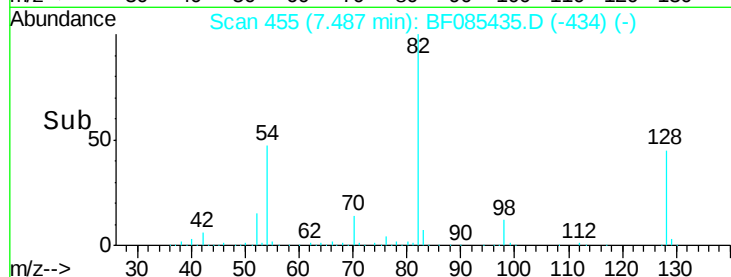
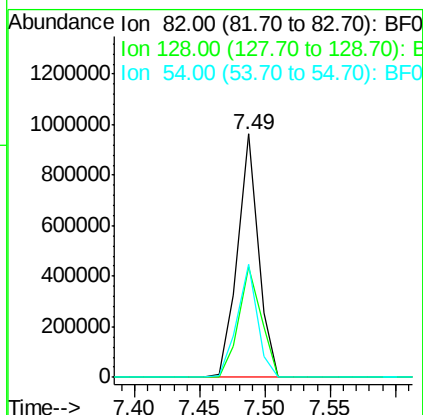
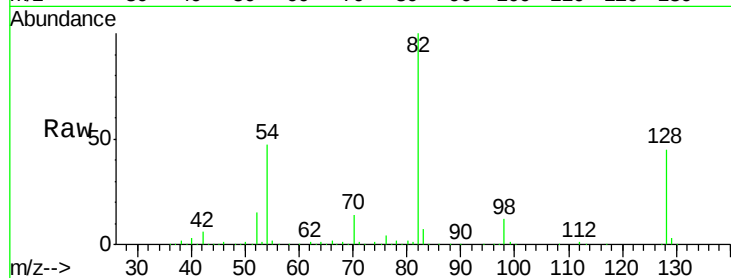




#23
 Nitrobenzene-d5
 Concen: 87.81 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085435.D
 Acq: 14 Mar 2016 18:10

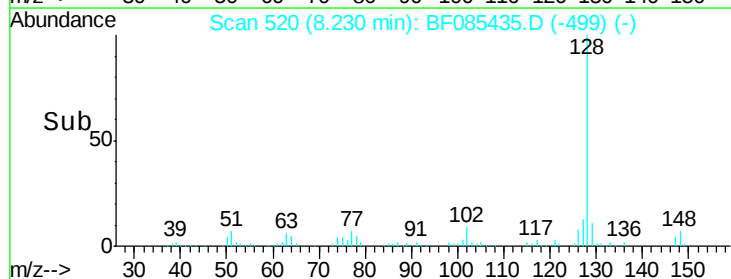
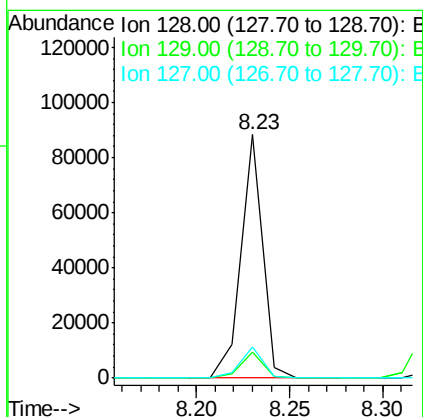
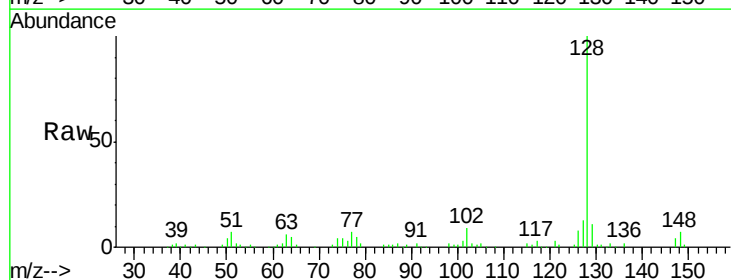
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

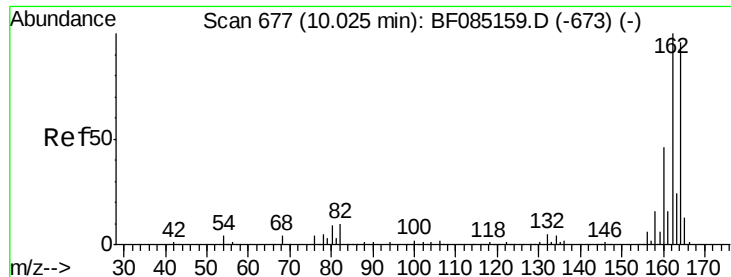
Tgt Ion: 82 Resp: 1071119
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.5 51.7
 54 46.7 39.3 58.9



#31
 Naphthalene
 Concen: 2.24 ng
 RT: 8.23 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF085435.D
 Acq: 14 Mar 2016 18:10

Tgt Ion: 128 Resp: 71898
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.7 14.5
 127 12.9 11.2 16.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

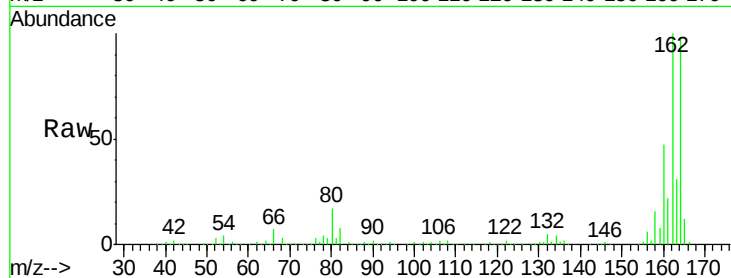
Tgt Ion:164 Resp: 313730

Ion Ratio Lower Upper

164 100

162 102.5 83.3 124.9

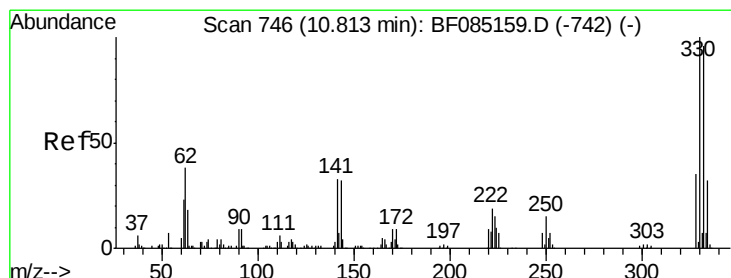
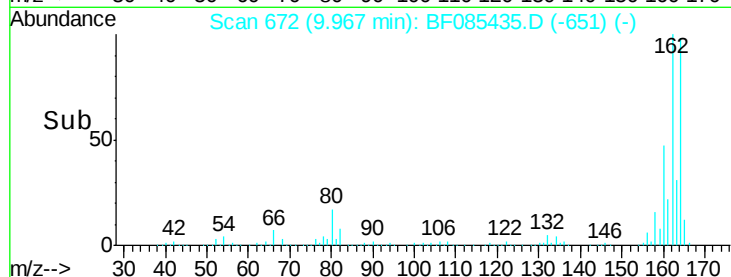
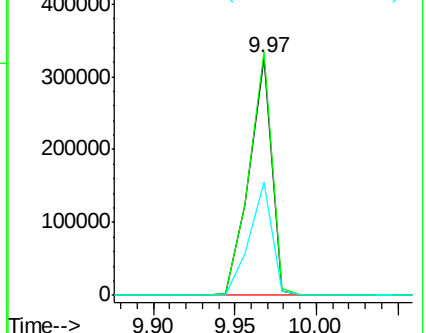
160 47.8 37.9 56.9



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: 163.45 ng

RT: 10.76 min Scan# 741

Delta R.T. -0.06 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

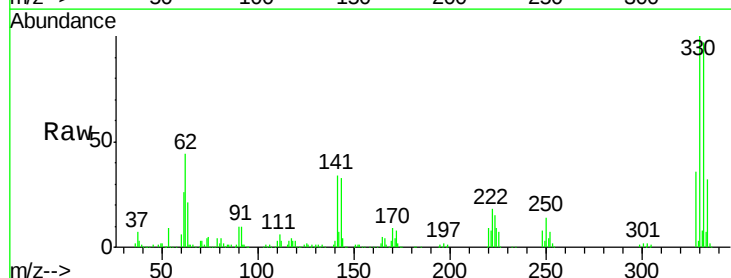
Tgt Ion:330 Resp: 438775

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

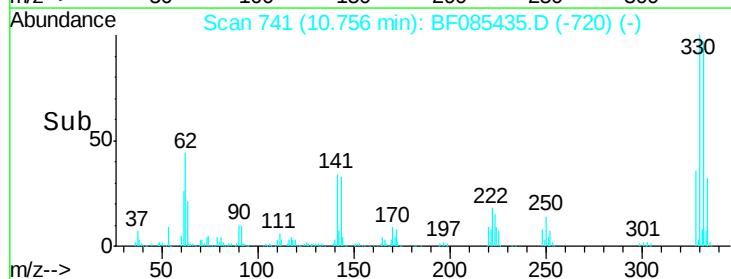
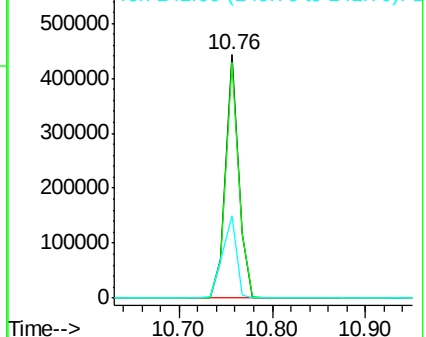
141 35.8 35.0 52.6

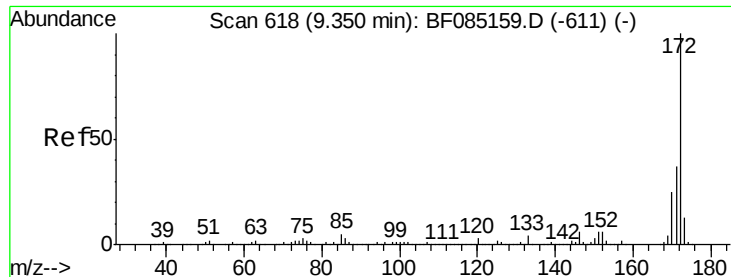


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

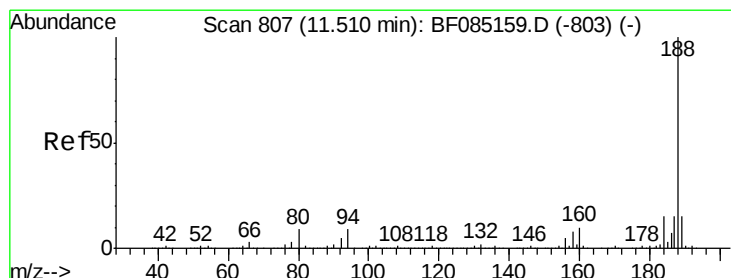
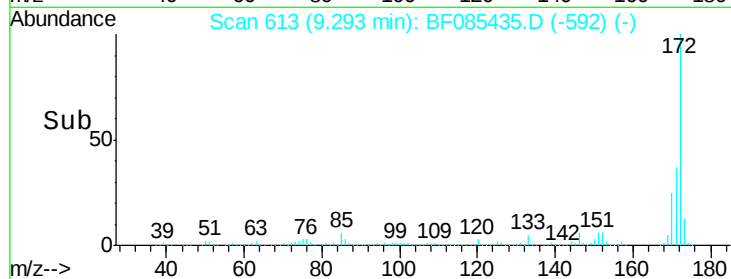
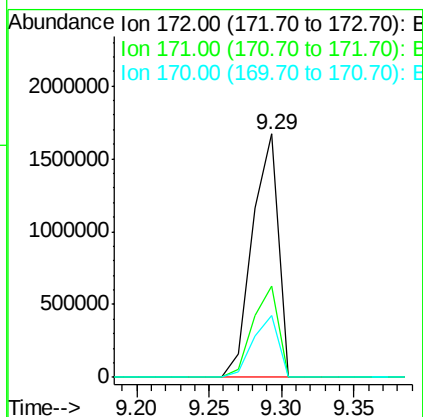
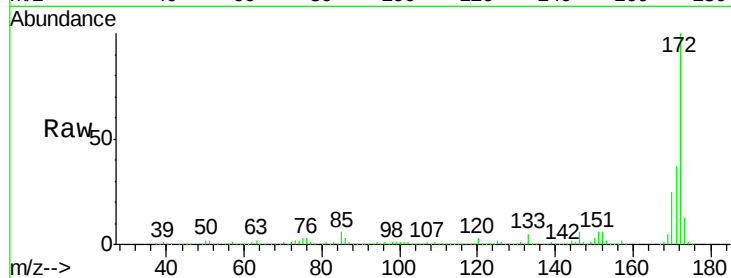




#44
2-Fluorobiphenyl
Concen: 100.03 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.06 min
Lab File: BF085435.D
Acq: 14 Mar 2016 18:10

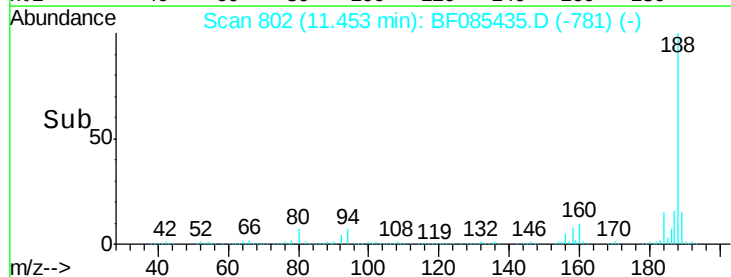
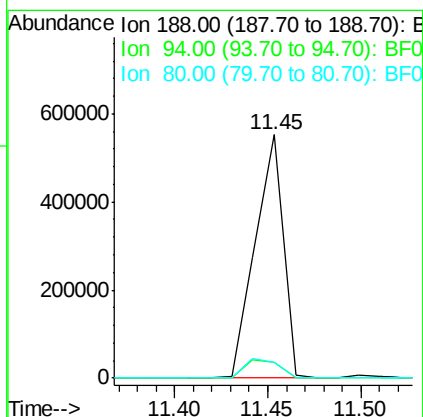
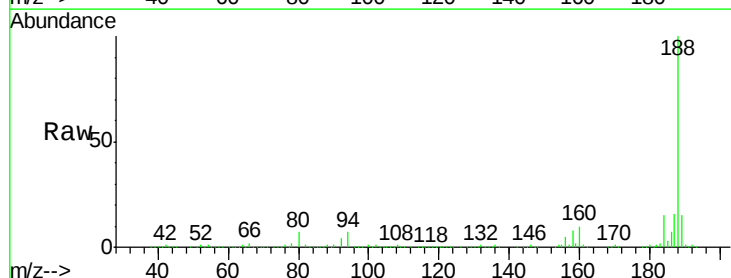
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

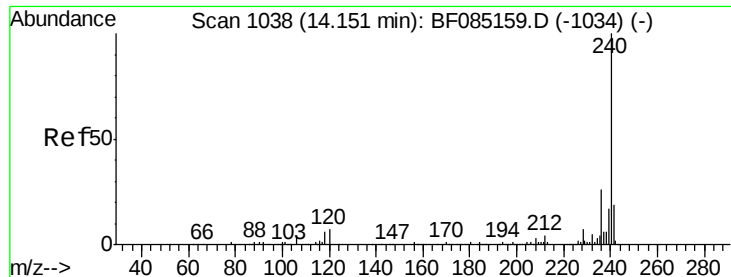
Tgt Ion:172 Resp: 2063417
Ion Ratio Lower Upper
172 100
171 37.3 29.3 43.9
170 25.2 20.0 30.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085435.D
Acq: 14 Mar 2016 18:10

Tgt Ion:188 Resp: 574697
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 6.7 7.4 11.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

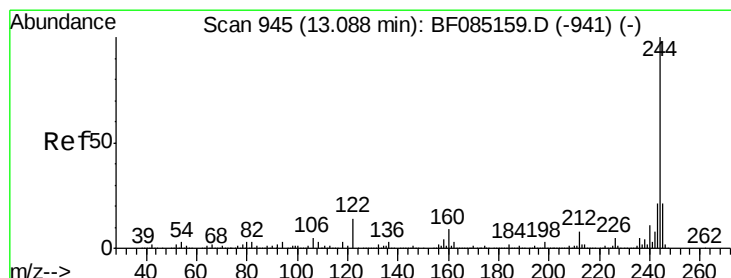
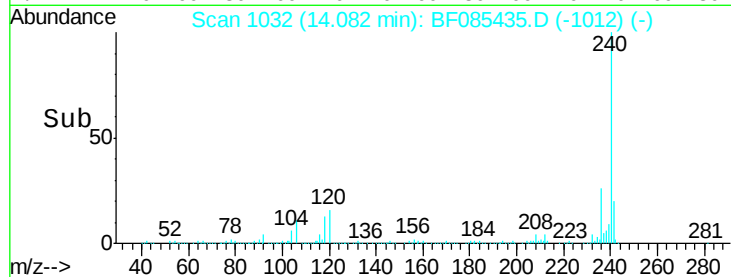
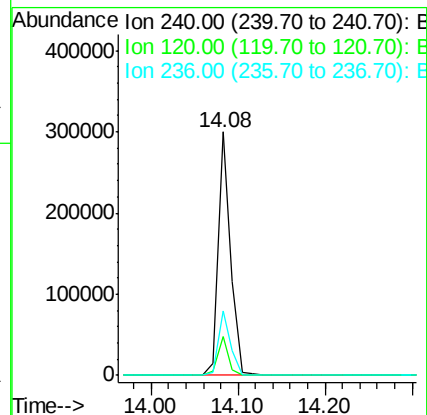
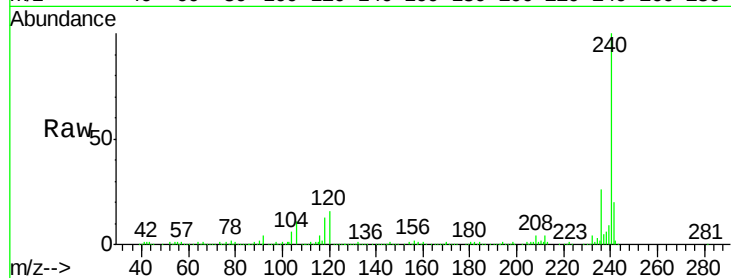
Tgt Ion:240 Resp: 301512

Ion Ratio Lower Upper

240 100

120 15.9 5.3 7.9#

236 26.3 20.7 31.1



#78

Terphenyl-d14

Concen: 138.23 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

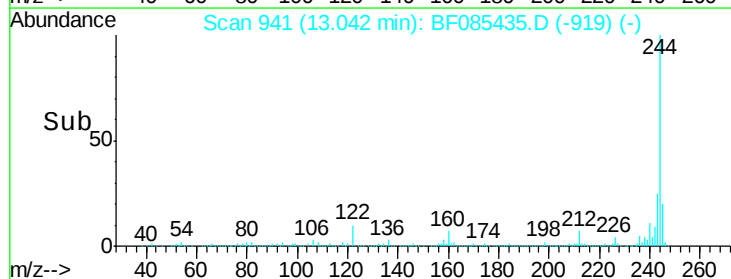
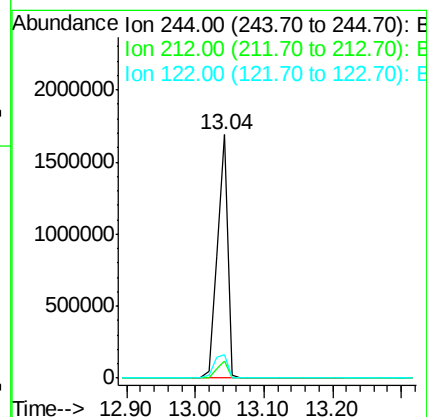
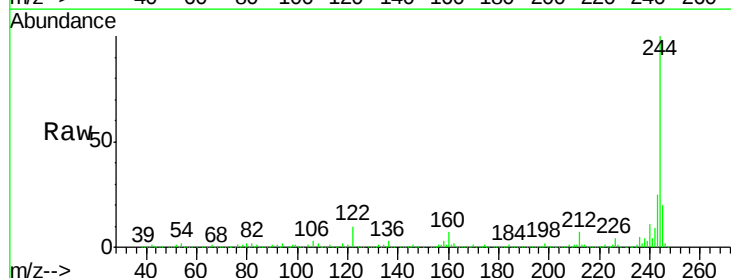
Tgt Ion:244 Resp: 1795398

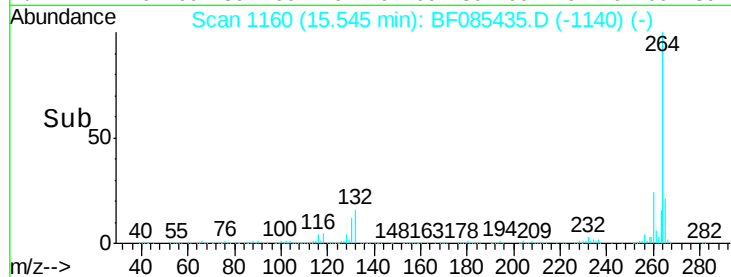
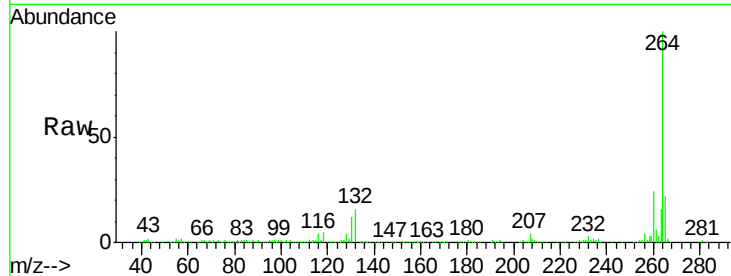
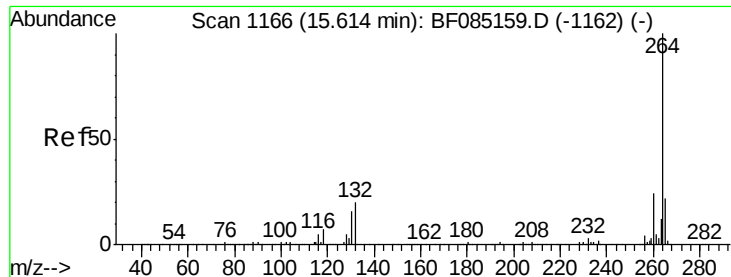
Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

122 9.8 11.4 17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085435.D
Acq: 14 Mar 2016 18:10

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.3	25.9

