

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085436.D
 Acq On : 14 Mar 2016 18:38
 Operator : UM/SJ
 Sample : H1757-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2MS

Quant Time: Mar 15 03:28:24 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

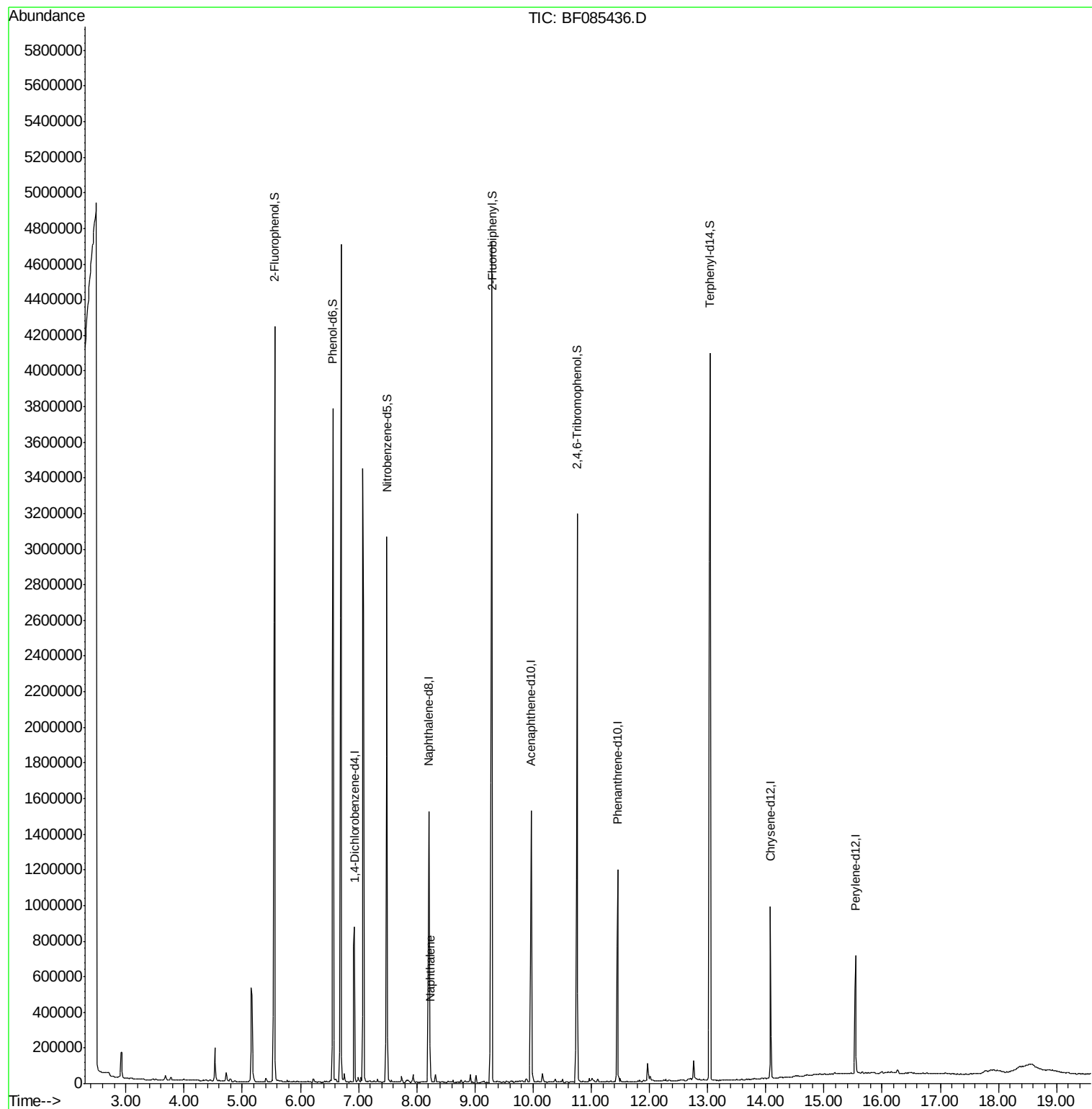
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	191672	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	769502	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	335484	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	552585	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	311590	20.00	ng	-0.07
86) Perylene-d12	15.55	264	315163	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1498698	131.16	ng	-0.02
7) Phenol-d6	6.56	99	1646997	110.01	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1288961	89.64	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	439491	153.10	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	2356659	106.83	ng	-0.06
78) Terphenyl-d14	13.04	244	1687298	125.71	ng	-0.05
Target Compounds						
31) Naphthalene	8.23	128	83655	2.21	ng	Qvalue 97

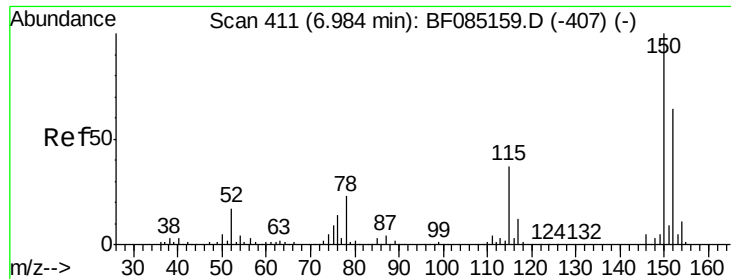
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085436.D

Acq: 14 Mar 2016 18:38

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MS

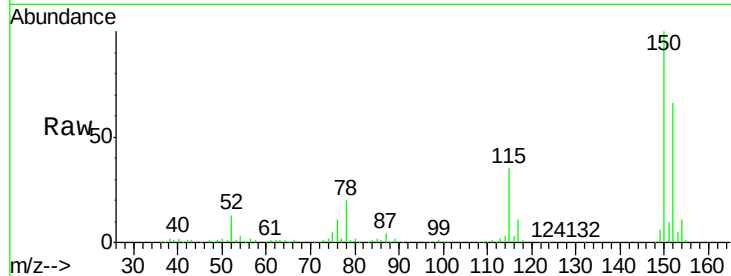
Tgt Ion:152 Resp: 191672

Ion Ratio Lower Upper

152 100

150 152.2 124.6 186.8

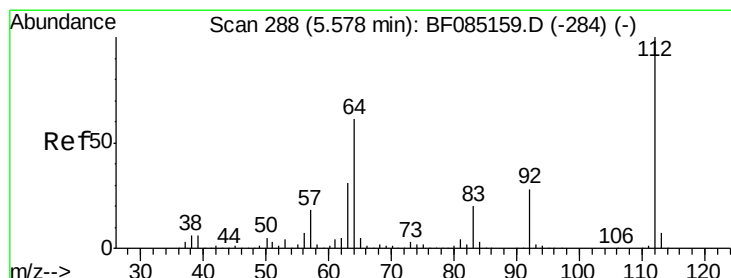
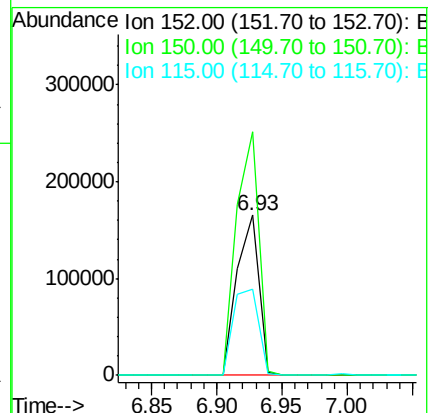
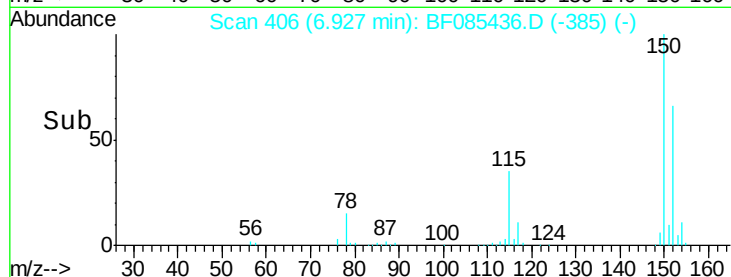
115 53.9 46.6 70.0



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: 131.16 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085436.D

Acq: 14 Mar 2016 18:38

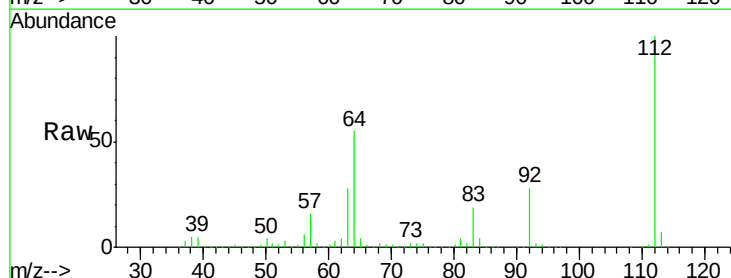
Tgt Ion:112 Resp: 1498698

Ion Ratio Lower Upper

112 100

64 54.9 49.0 73.4

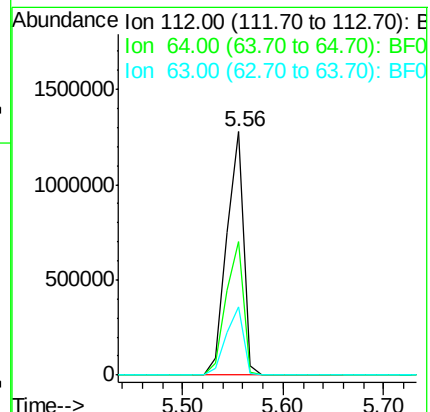
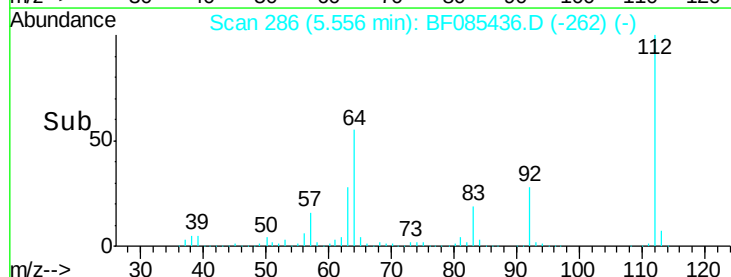
63 28.1 24.8 37.2

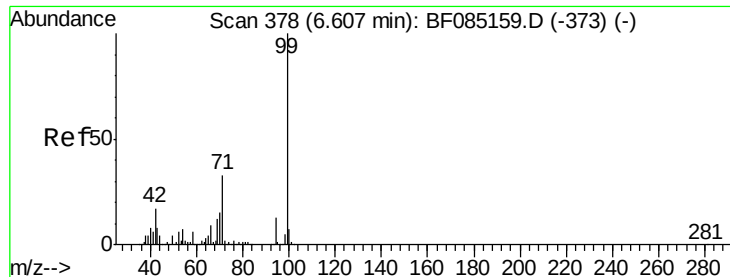


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.01 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085436.D

Acq: 14 Mar 2016 18:38

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MS

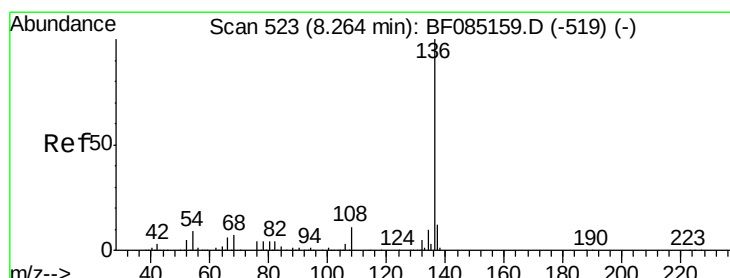
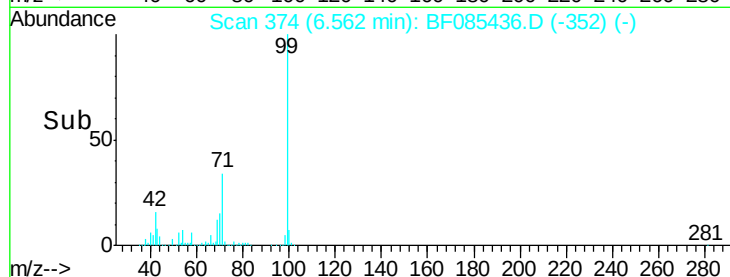
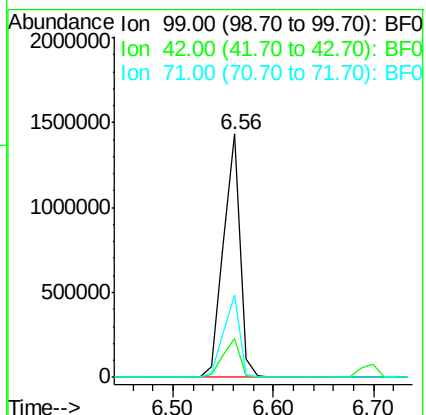
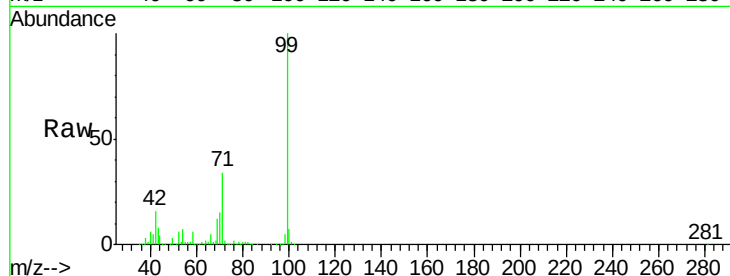
Tgt Ion: 99 Resp: 1646997

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 34.0 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: BF085436.D

Acq: 14 Mar 2016 18:38

Tgt Ion: 136 Resp: 769502

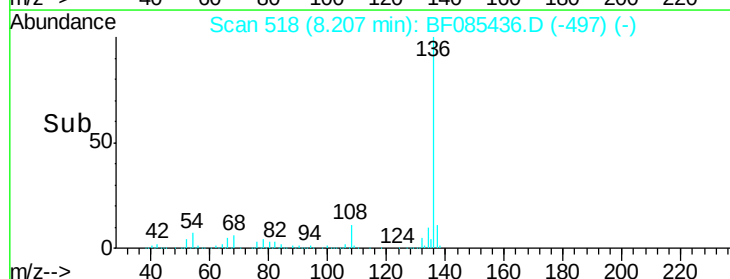
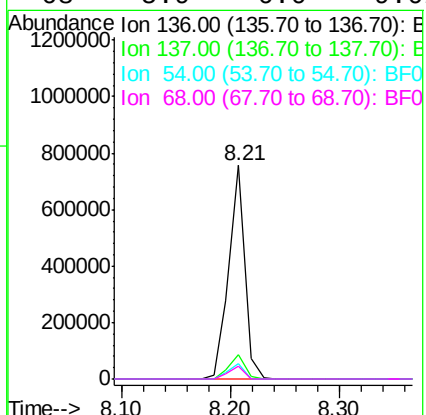
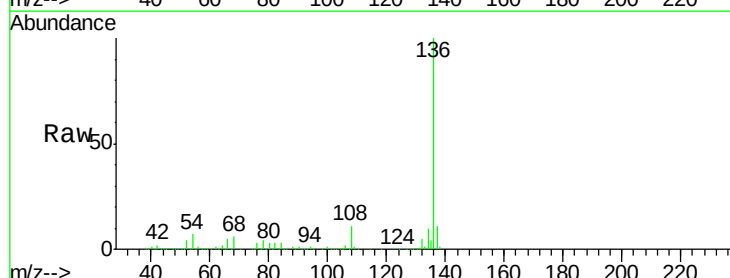
Ion Ratio Lower Upper

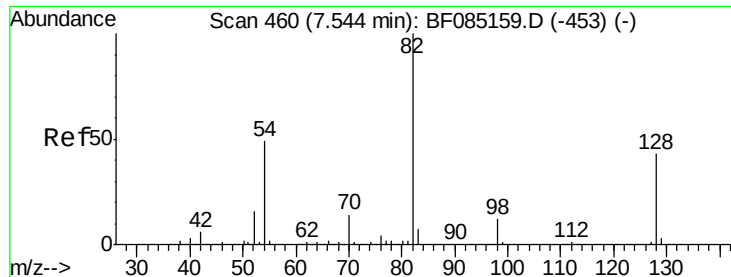
136 100

137 11.2 9.3 13.9

54 7.2 7.4 11.2#

68 5.9 6.0 9.0#

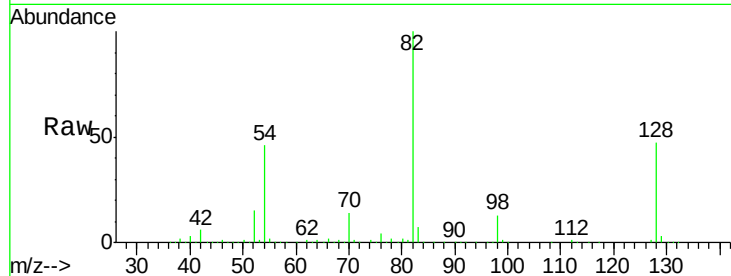




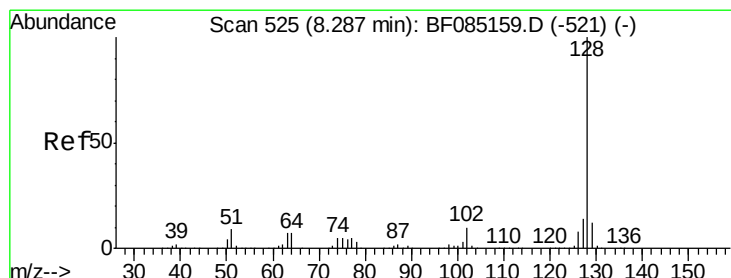
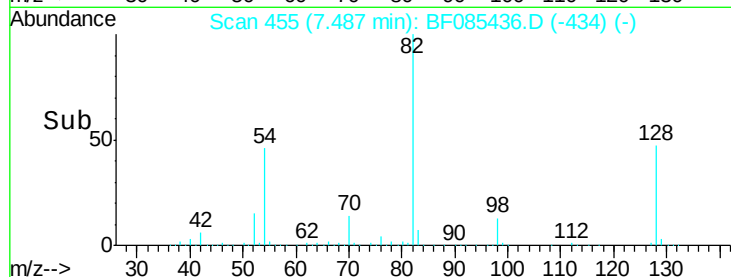
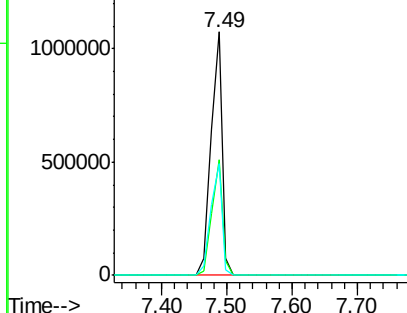
#23
Nitrobenzene-d5
Concen: 89.64 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085436.D
Acq: 14 Mar 2016 18:38

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2MS

Tgt Ion: 82 Resp: 1288961
Ion Ratio Lower Upper
82 100
128 47.3 34.5 51.7
54 46.1 39.3 58.9

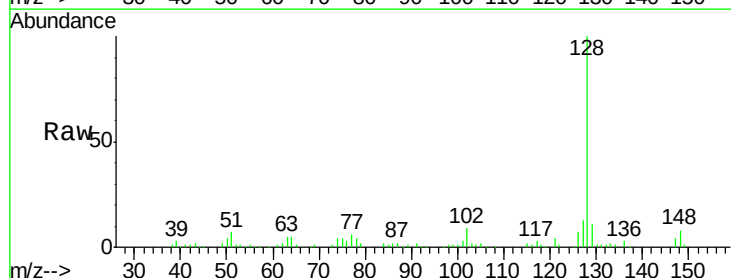


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

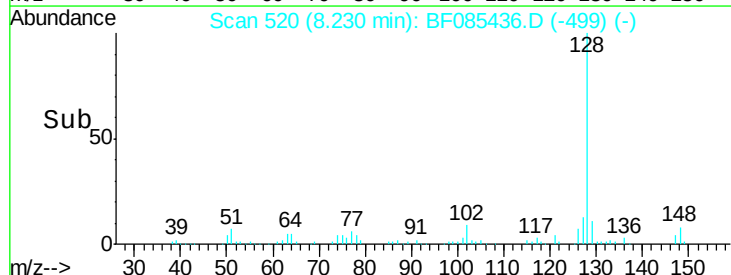
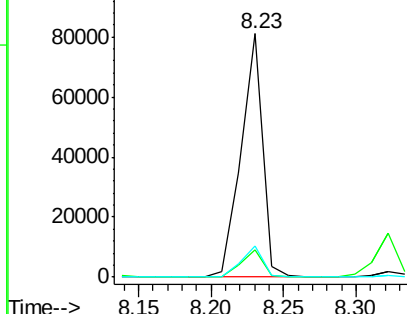


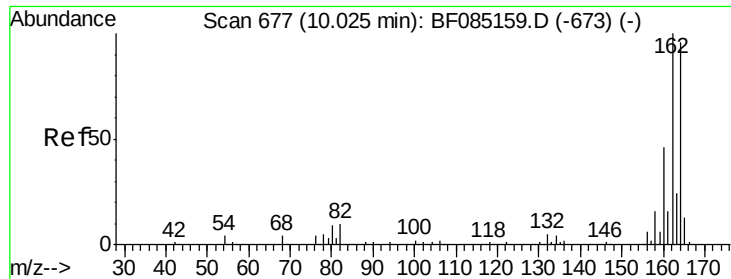
#31
Naphthalene
Concen: 2.21 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF085436.D
Acq: 14 Mar 2016 18:38

Tgt Ion: 128 Resp: 83655
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 12.7 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: 9.97 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF085436.D

Acq: 14 Mar 2016 18:38

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MS

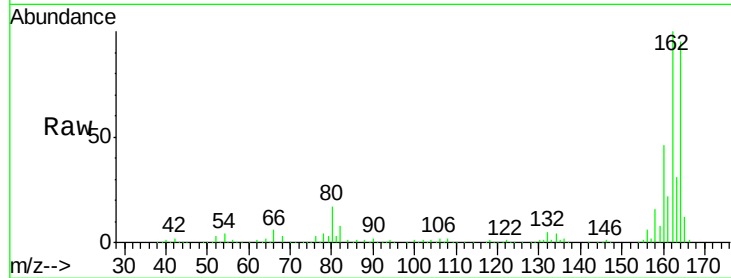
Tgt Ion:164 Resp: 335484

Ion Ratio Lower Upper

164 100

162 105.6 83.3 124.9

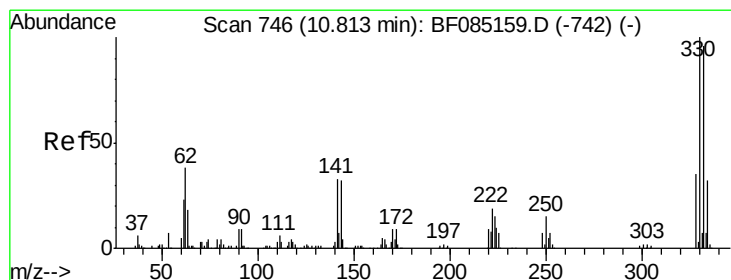
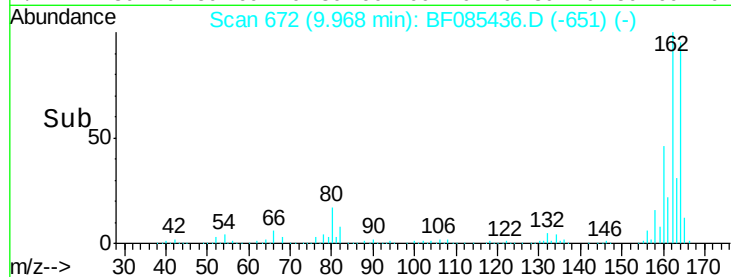
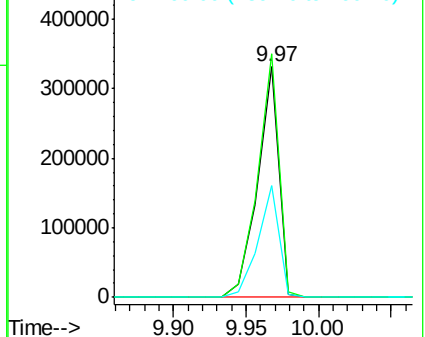
160 48.5 37.9 56.9



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: 153.10 ng

RT: 10.76 min Scan# 741

Delta R.T. -0.06 min

Lab File: BF085436.D

Acq: 14 Mar 2016 18:38

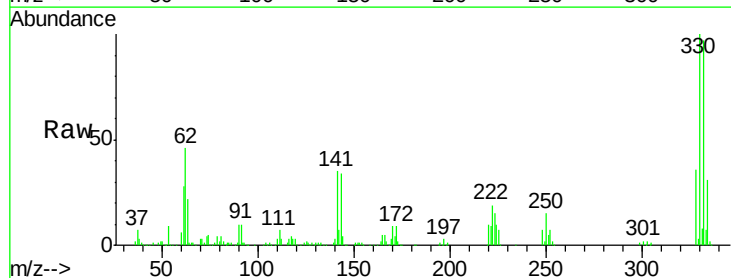
Tgt Ion:330 Resp: 439491

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

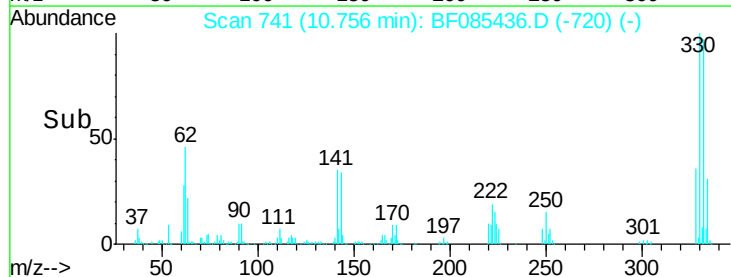
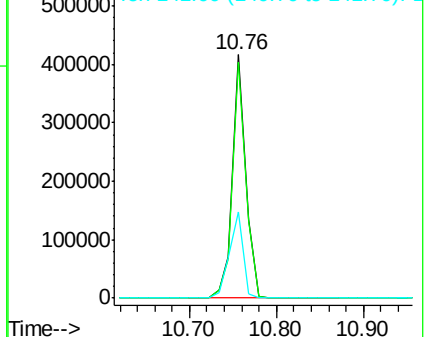
141 36.7 35.0 52.6

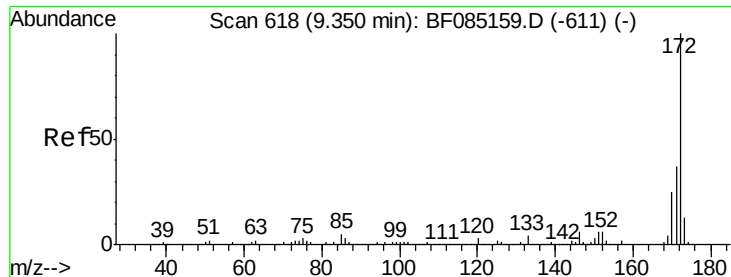


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

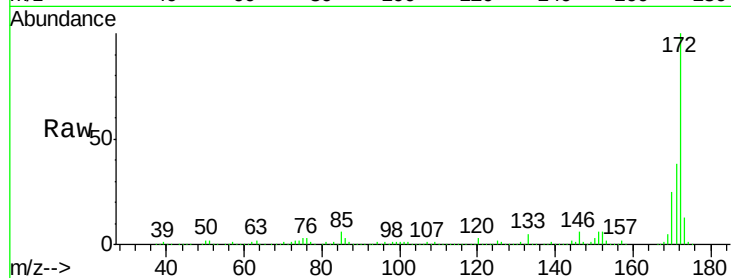




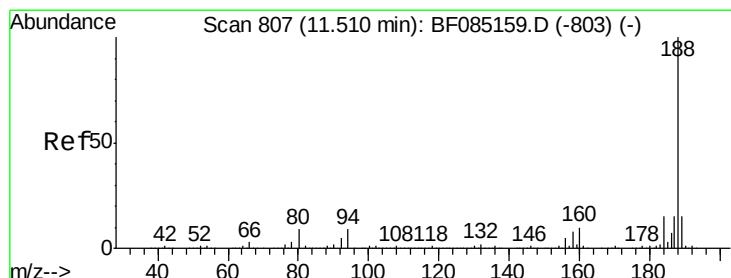
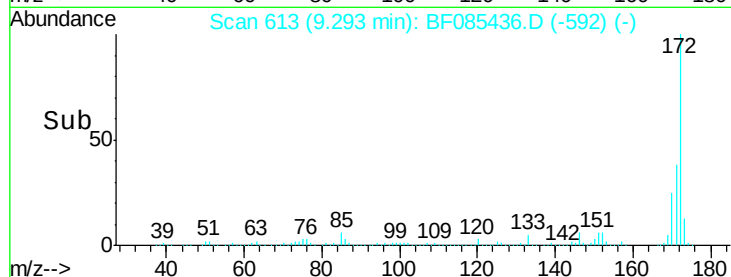
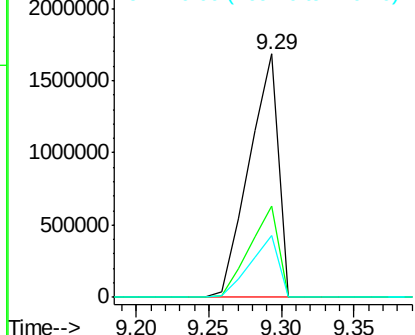
#44
 2-Fluorobiphenyl
 Concen: 106.83 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085436.D
 Acq: 14 Mar 2016 18:38

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2MS

Tgt Ion:172 Resp: 2356659
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.3 43.9
 170 25.2 20.0 30.0

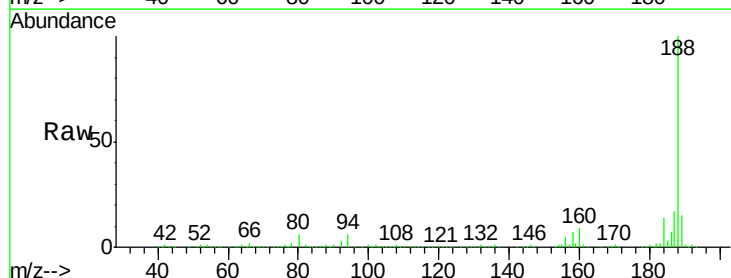


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

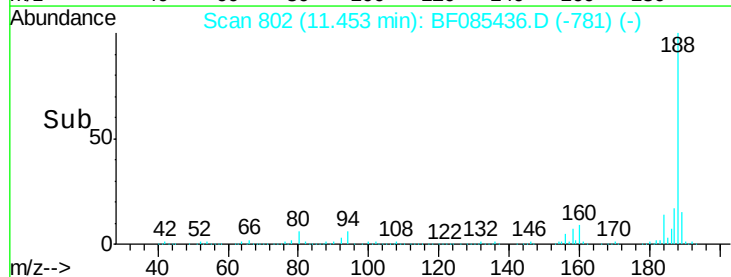
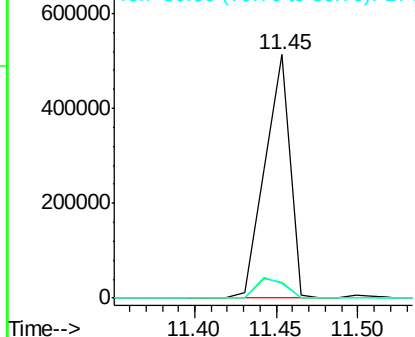


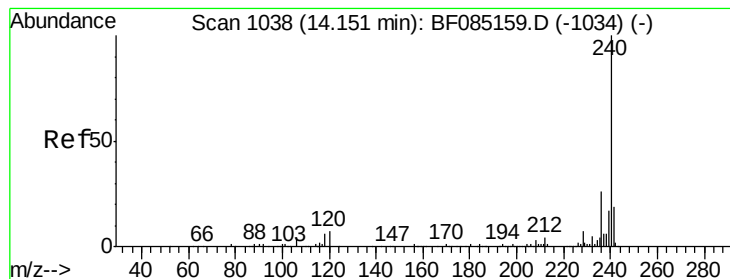
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.06 min
 Lab File: BF085436.D
 Acq: 14 Mar 2016 18:38

Tgt Ion:188 Resp: 552585
 Ion Ratio Lower Upper
 188 100
 94 6.4 7.0 10.6#
 80 6.2 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: 14.08 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF085436.D

Acq: 14 Mar 2016 18:38

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MS

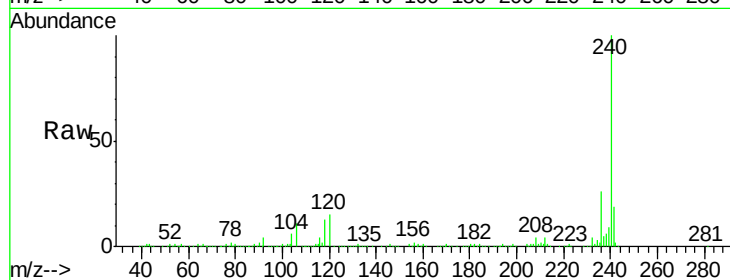
Tgt Ion:240 Resp: 311590

Ion Ratio Lower Upper

240 100

120 15.4 5.3 7.9#

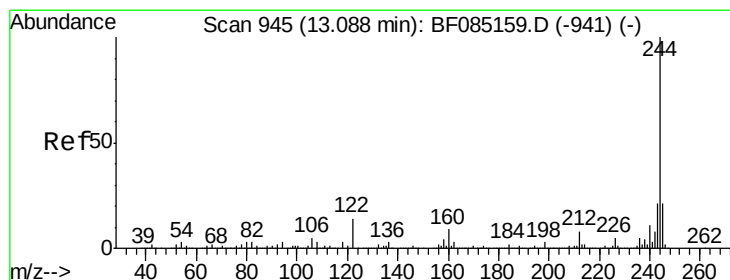
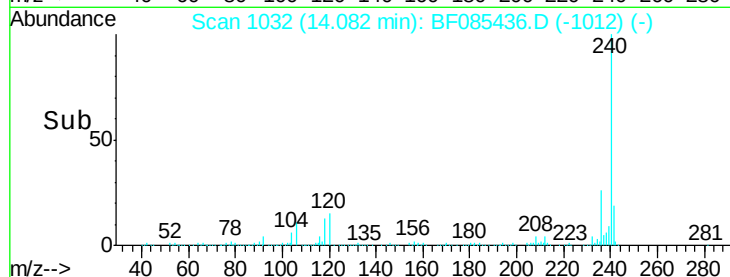
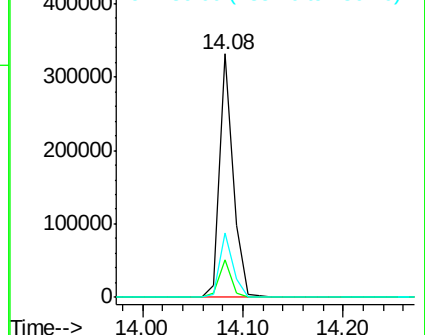
236 26.5 20.7 31.1



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: 125.71 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085436.D

Acq: 14 Mar 2016 18:38

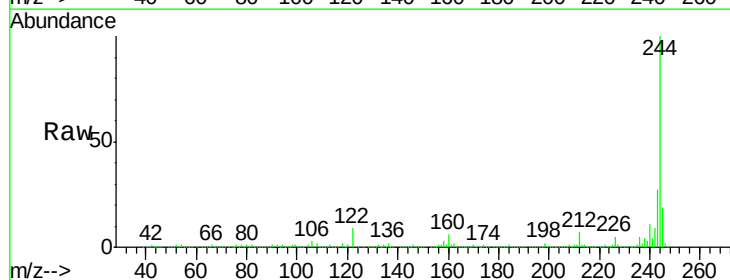
Tgt Ion:244 Resp: 1687298

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

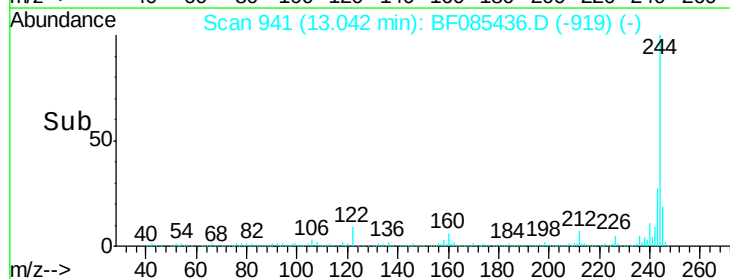
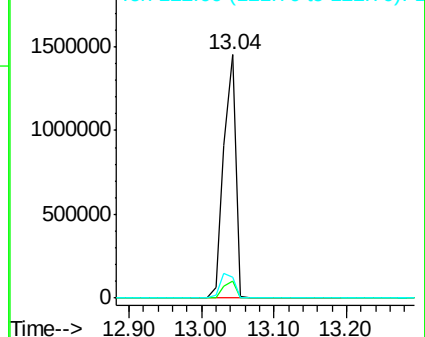
122 8.8 11.4 17.2#

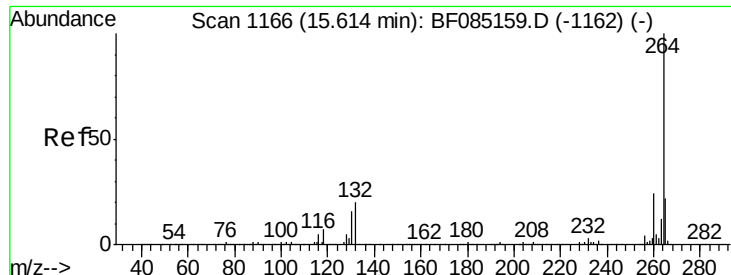


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

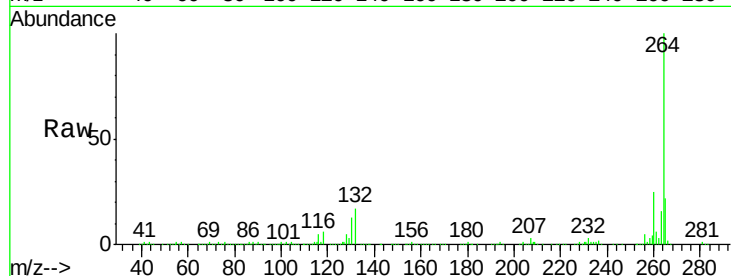




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085436.D
Acq: 14 Mar 2016 18:38

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2MS

Tgt Ion: 264 Resp: 315163
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.7 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

