

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085437.D
 Acq On : 14 Mar 2016 19:06
 Operator : UM/SJ
 Sample : H1757-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2MSD

Quant Time: Mar 15 03:31:33 2016
 Quant Title :
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

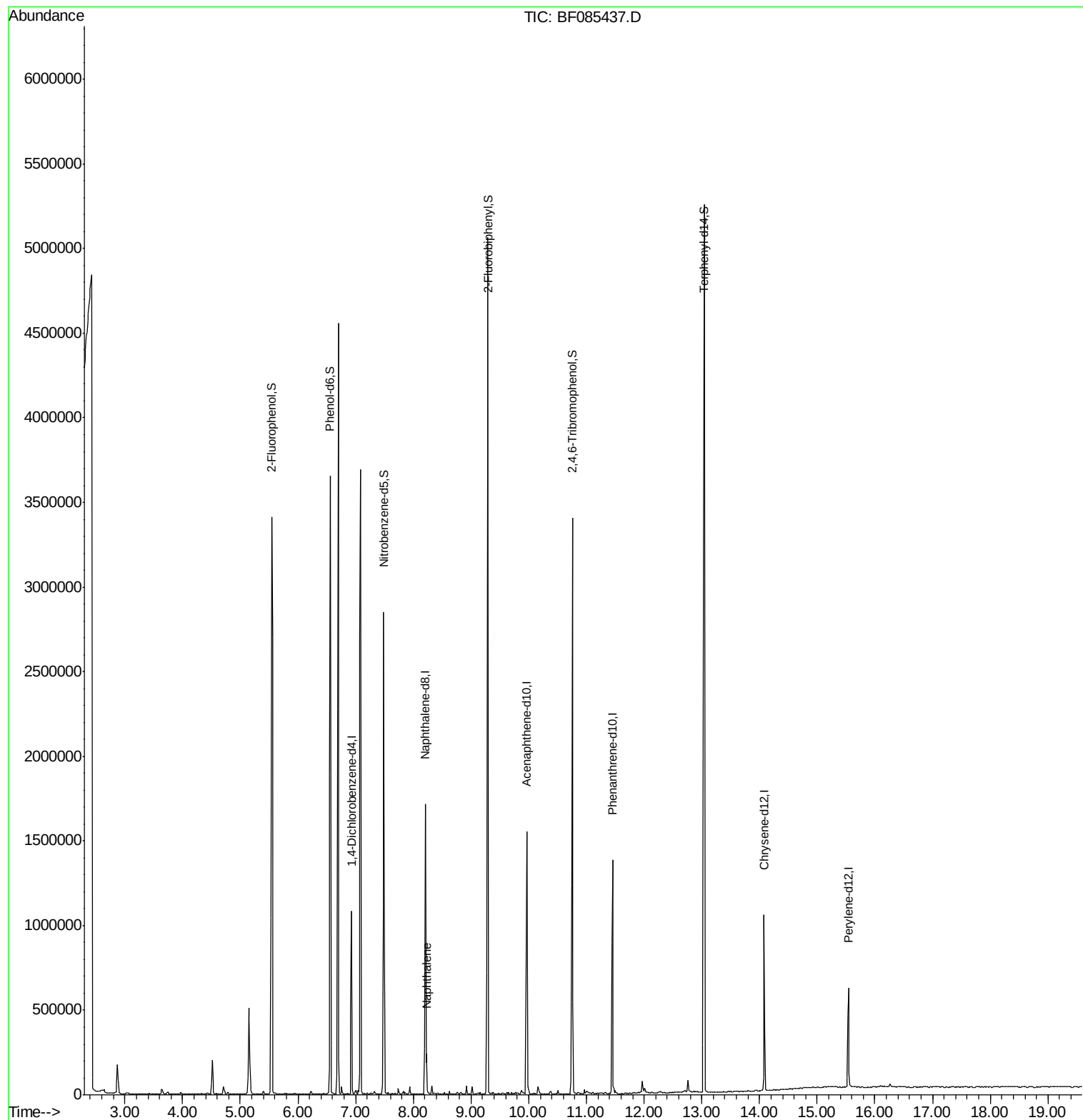
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	182468	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	722000	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	337008	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	630925	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	353224	20.00	ng	-0.07
86) Perylene-d12	15.55	264	284387	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1551424	142.62	ng	-0.03
7) Phenol-d6	6.56	99	1565430	109.84	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1197277	88.74	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	473356	164.15	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	2208953	99.68	ng	-0.06
78) Terphenyl-d14	13.04	244	1953553	128.39	ng	-0.05
Target Compounds						
31) Naphthalene	8.23	128	79648	2.24	ng	Qvalue 96

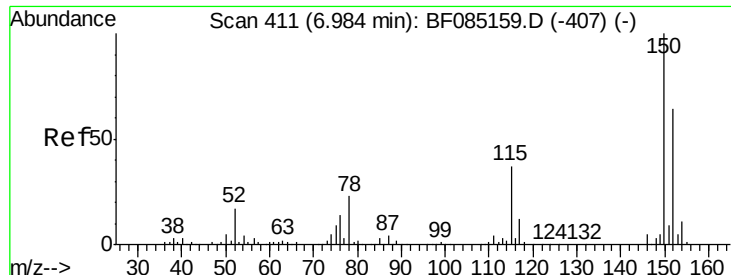
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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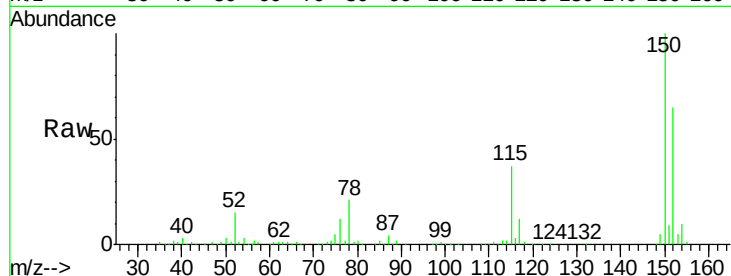


#1

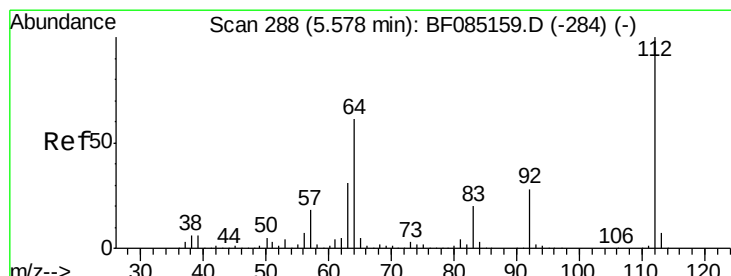
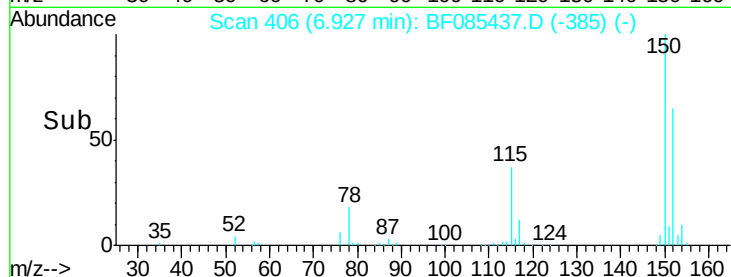
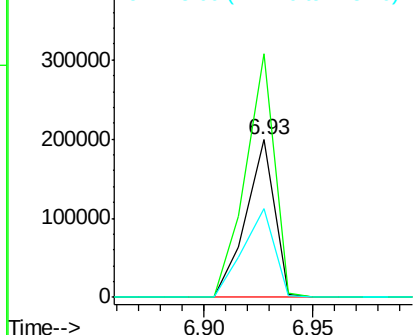
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF085437.D
Acq: 14 Mar 2016 19:06

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2MSD

Tgt Ion:152 Resp: 182468
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 56.8 46.6 70.0



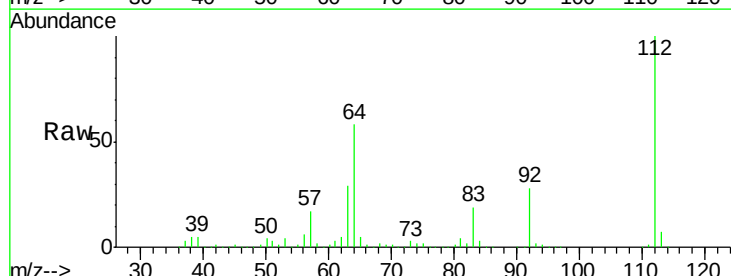
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



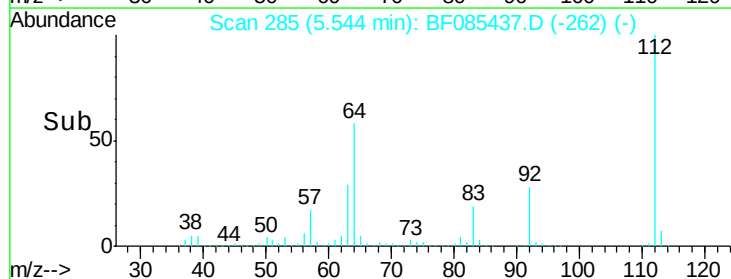
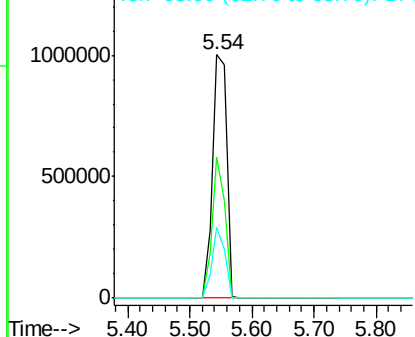
#5

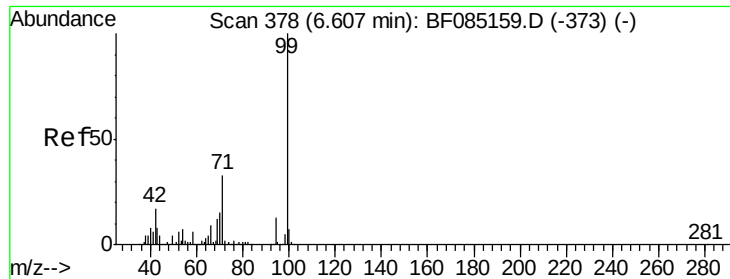
2-Fluorophenol
Concen: 142.62 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085437.D
Acq: 14 Mar 2016 19:06

Tgt Ion:112 Resp: 1551424
Ion Ratio Lower Upper
112 100
64 58.2 49.0 73.4
63 29.1 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: 109.84 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MSD

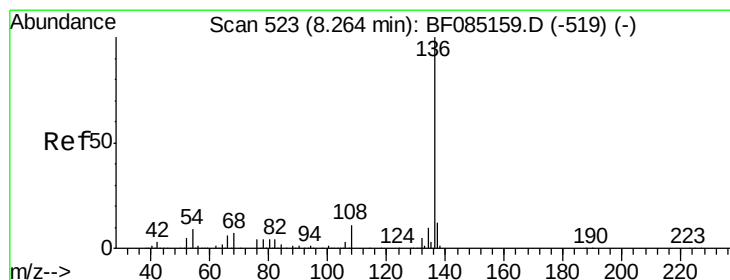
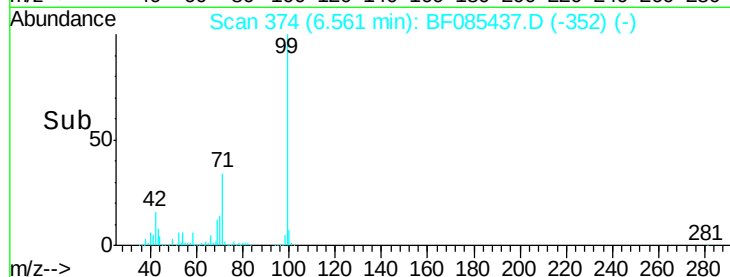
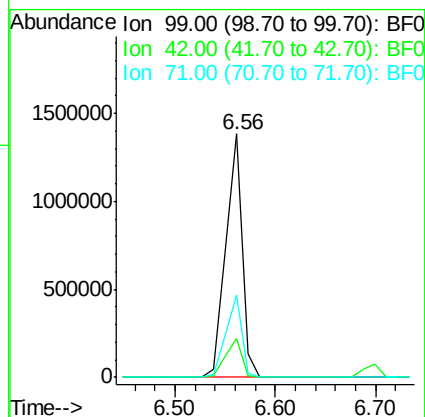
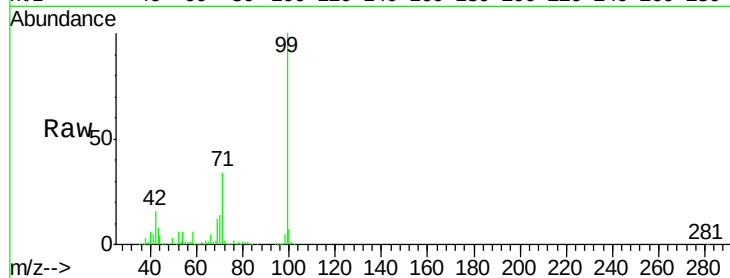
Tgt Ion: 99 Resp: 1565430

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 34.1 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: BF085437.D

Acq: 14 Mar 2016 19:06

Tgt Ion: 136 Resp: 722000

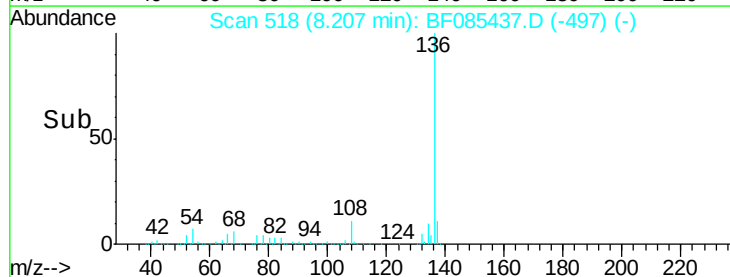
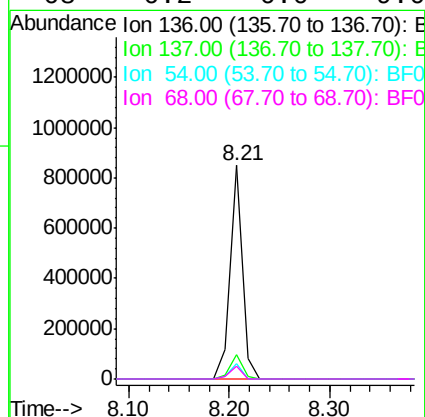
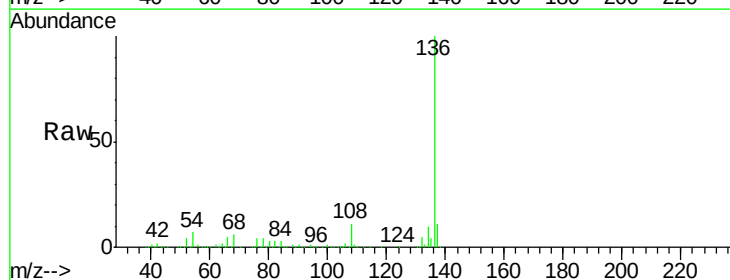
Ion Ratio Lower Upper

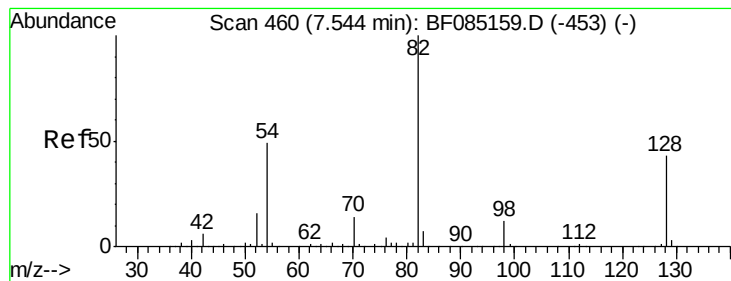
136 100

137 11.3 9.3 13.9

54 7.3 7.4 11.2#

68 6.2 6.0 9.0





#23

Nitrobenzene-d5

Concen: 88.74 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.06 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MSD

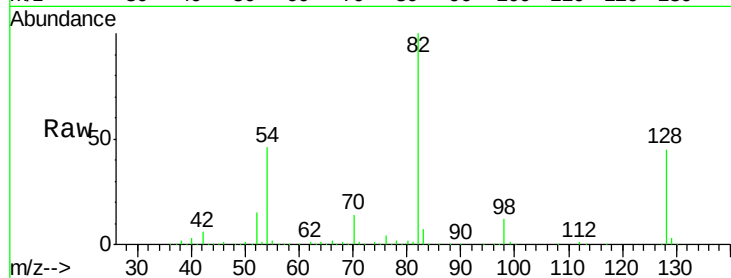
Tgt Ion: 82 Resp: 1197277

Ion Ratio Lower Upper

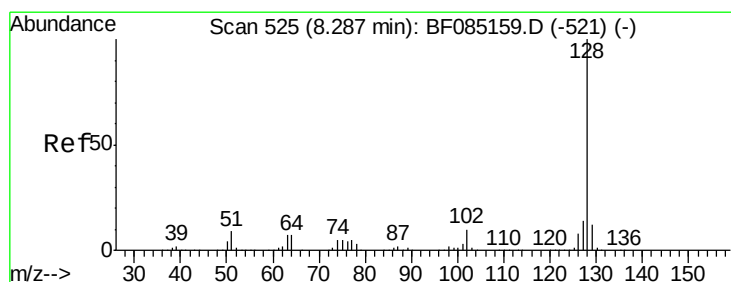
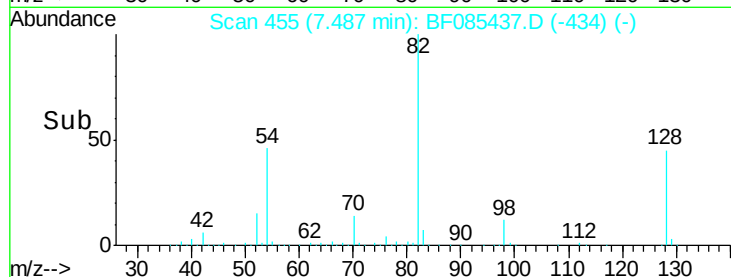
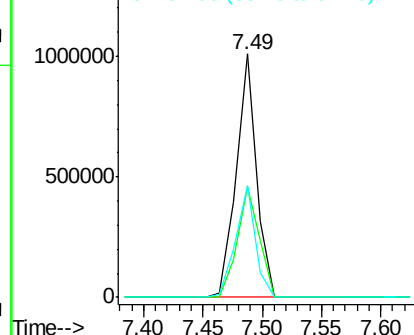
82 100

128 45.3 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: 2.24 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

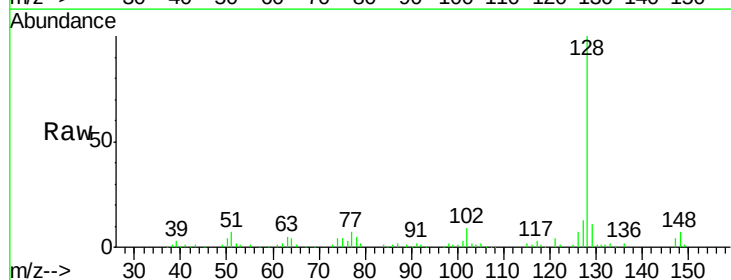
Tgt Ion: 128 Resp: 79648

Ion Ratio Lower Upper

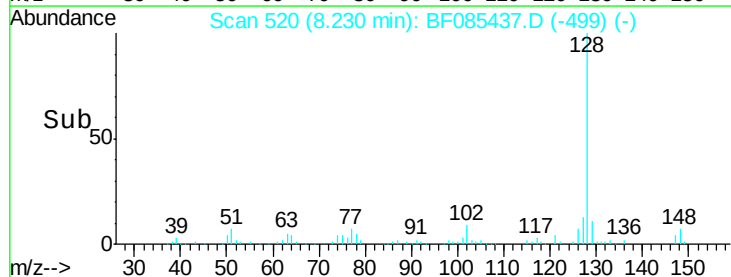
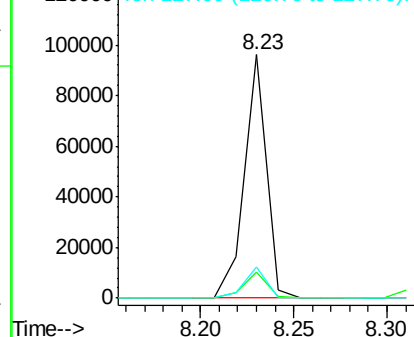
128 100

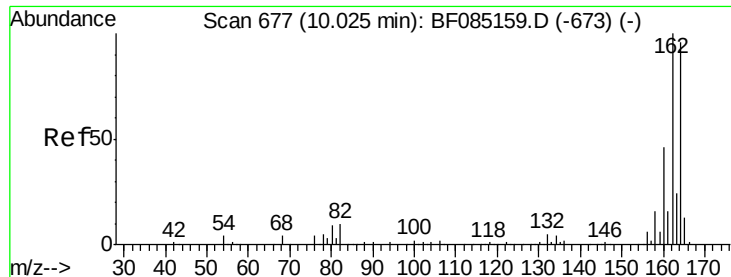
129 10.6 9.7 14.5

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

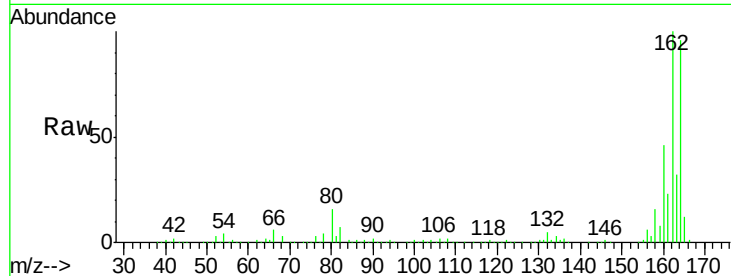




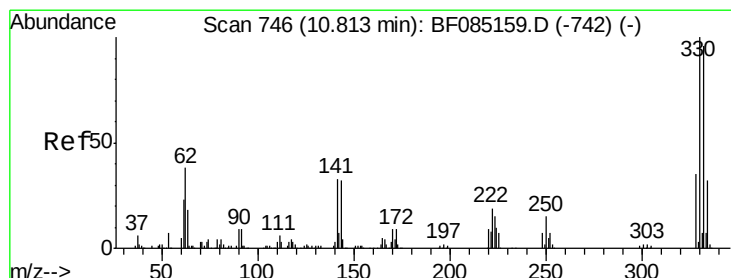
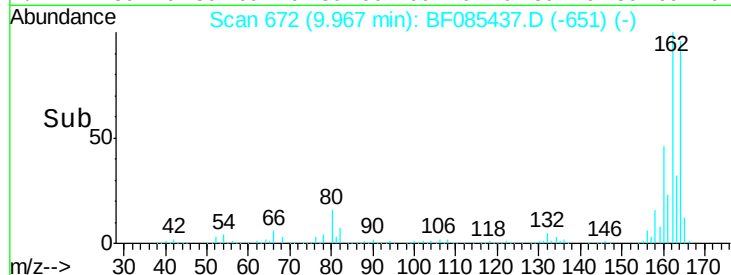
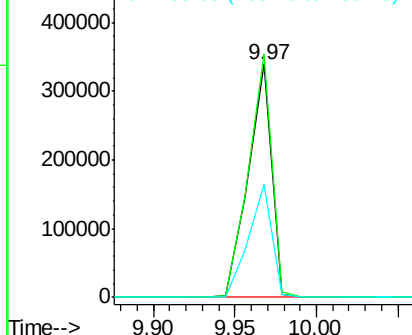
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085437.D
 Acq: 14 Mar 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2MSD

Tgt Ion:164 Resp: 337008
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.3 124.9
 160 48.5 37.9 56.9

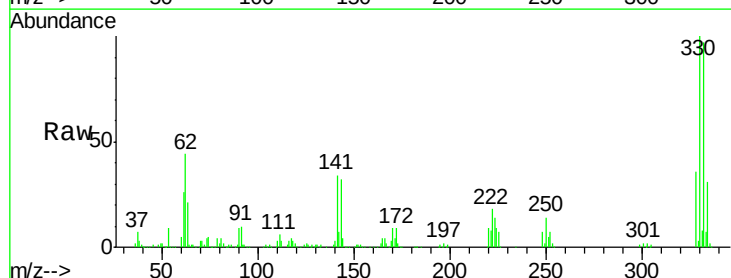


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

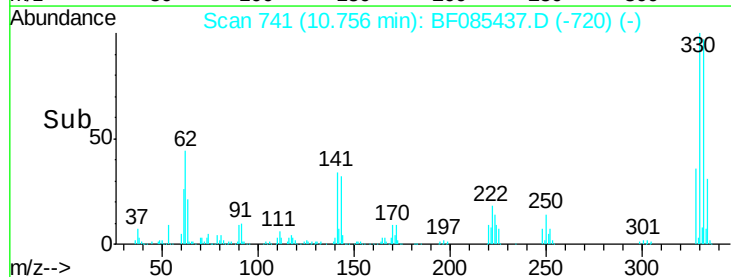
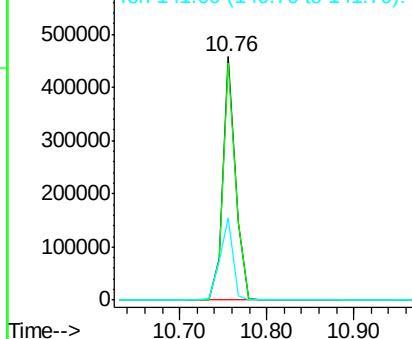


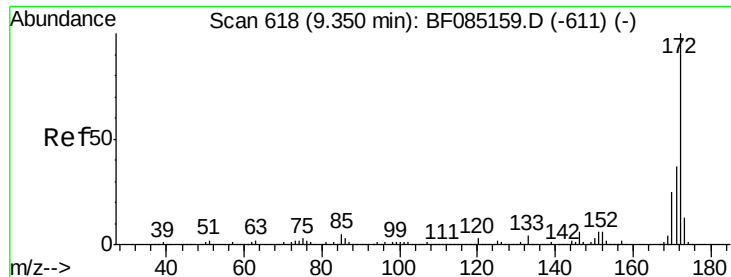
#41
 2,4,6-Tribromophenol
 Concen: 164.15 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085437.D
 Acq: 14 Mar 2016 19:06

Tgt Ion:330 Resp: 473356
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 34.8 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: 99.68 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.06 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MSD

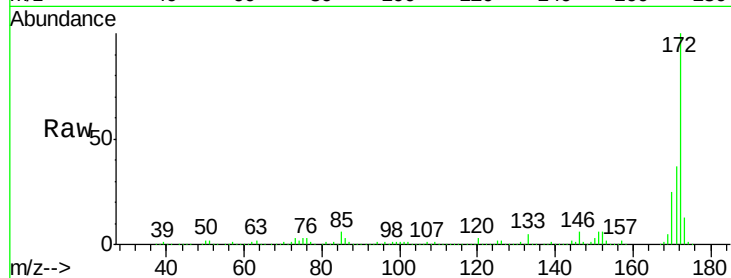
Tgt Ion:172 Resp: 2208953

Ion Ratio Lower Upper

172 100

171 37.0 29.3 43.9

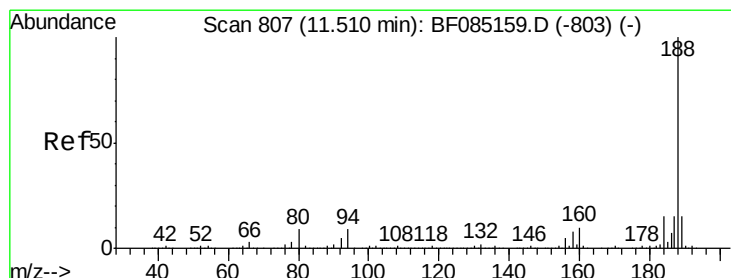
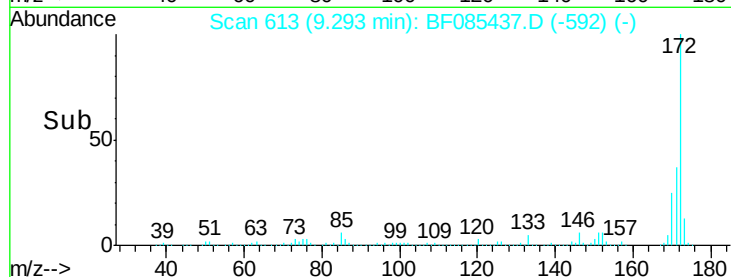
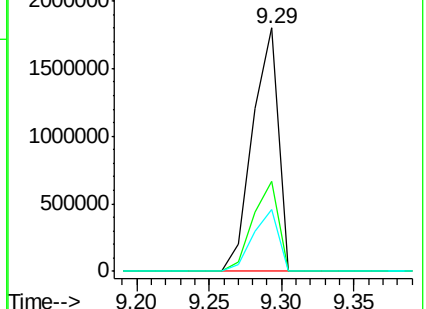
170 25.3 20.0 30.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

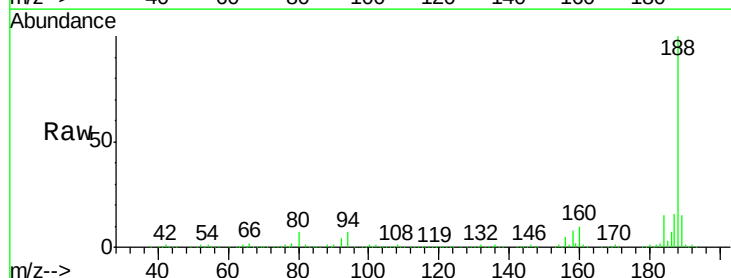
Tgt Ion:188 Resp: 630925

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.6#

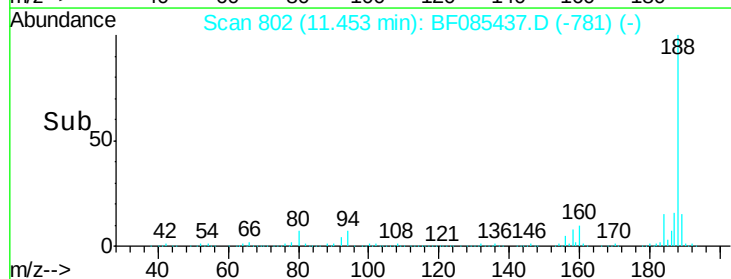
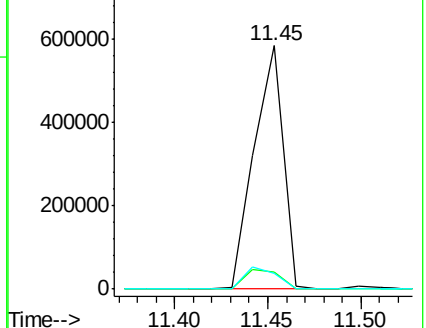
80 6.6 7.4 11.0#

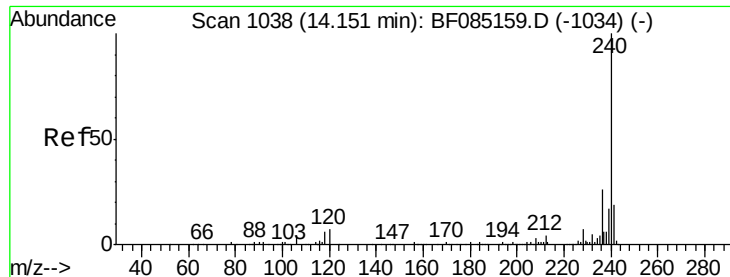


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085437.D

Acq: 14 Mar 2016 19:06

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MSD

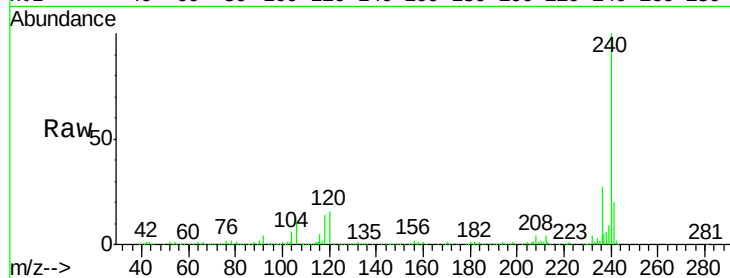
Tgt Ion:240 Resp: 353224

Ion Ratio Lower Upper

240 100

120 16.0 5.3 7.9#

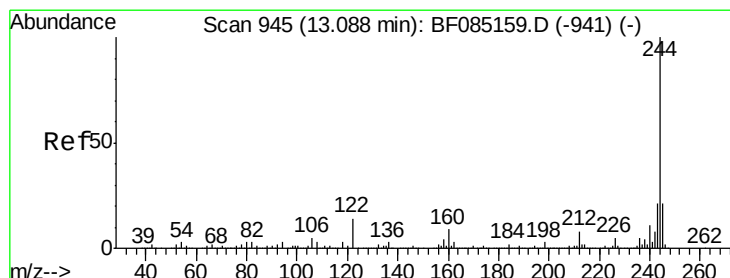
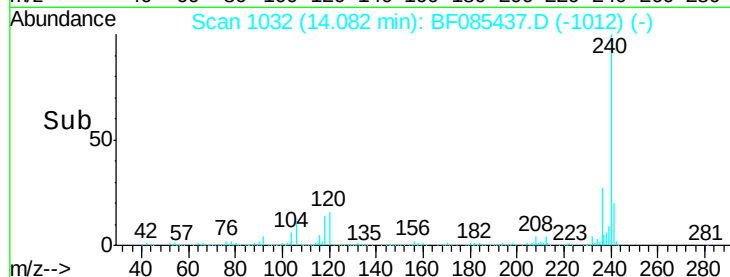
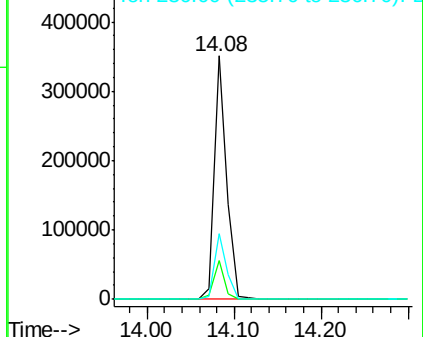
236 26.8 20.7 31.1



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: 128.39 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

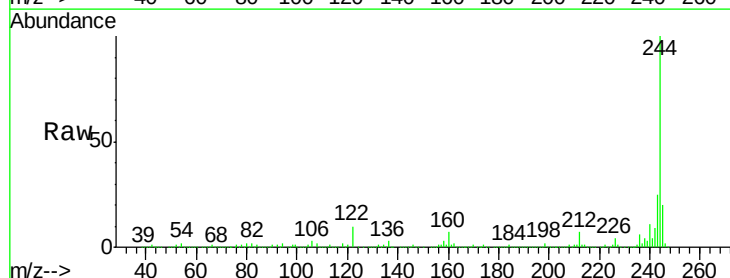
Tgt Ion:244 Resp: 1953553

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

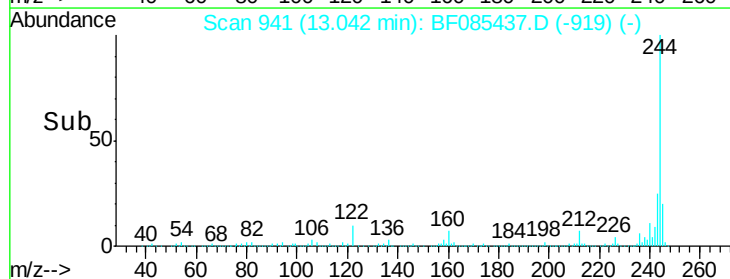
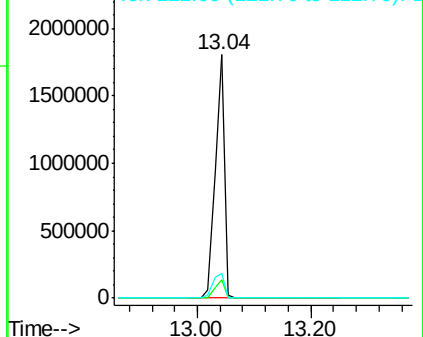
122 9.9 11.4 17.2#

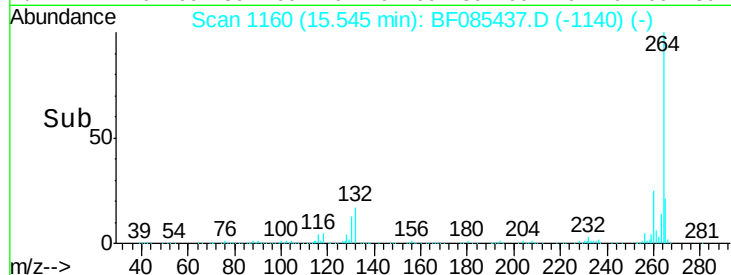
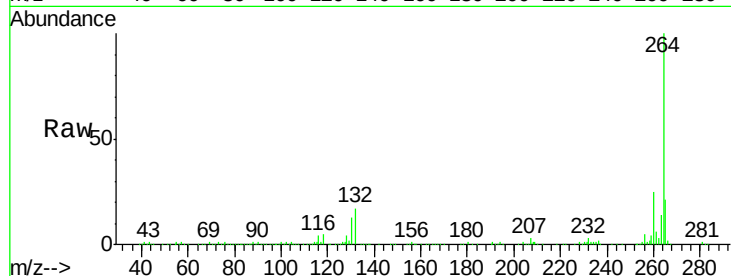
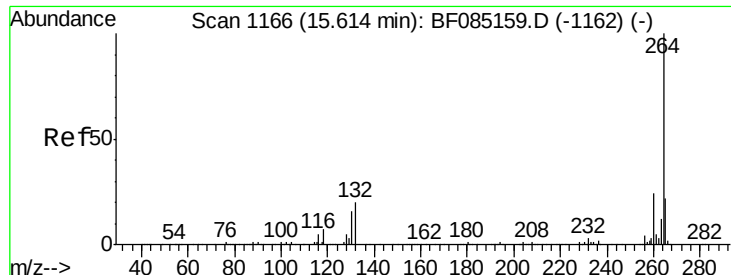


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085437.D
Acq: 14 Mar 2016 19:06

Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2MSD

Tgt Ion:	264	Resp:	284387
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.4	17.3	25.9

