

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 01:01:47 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

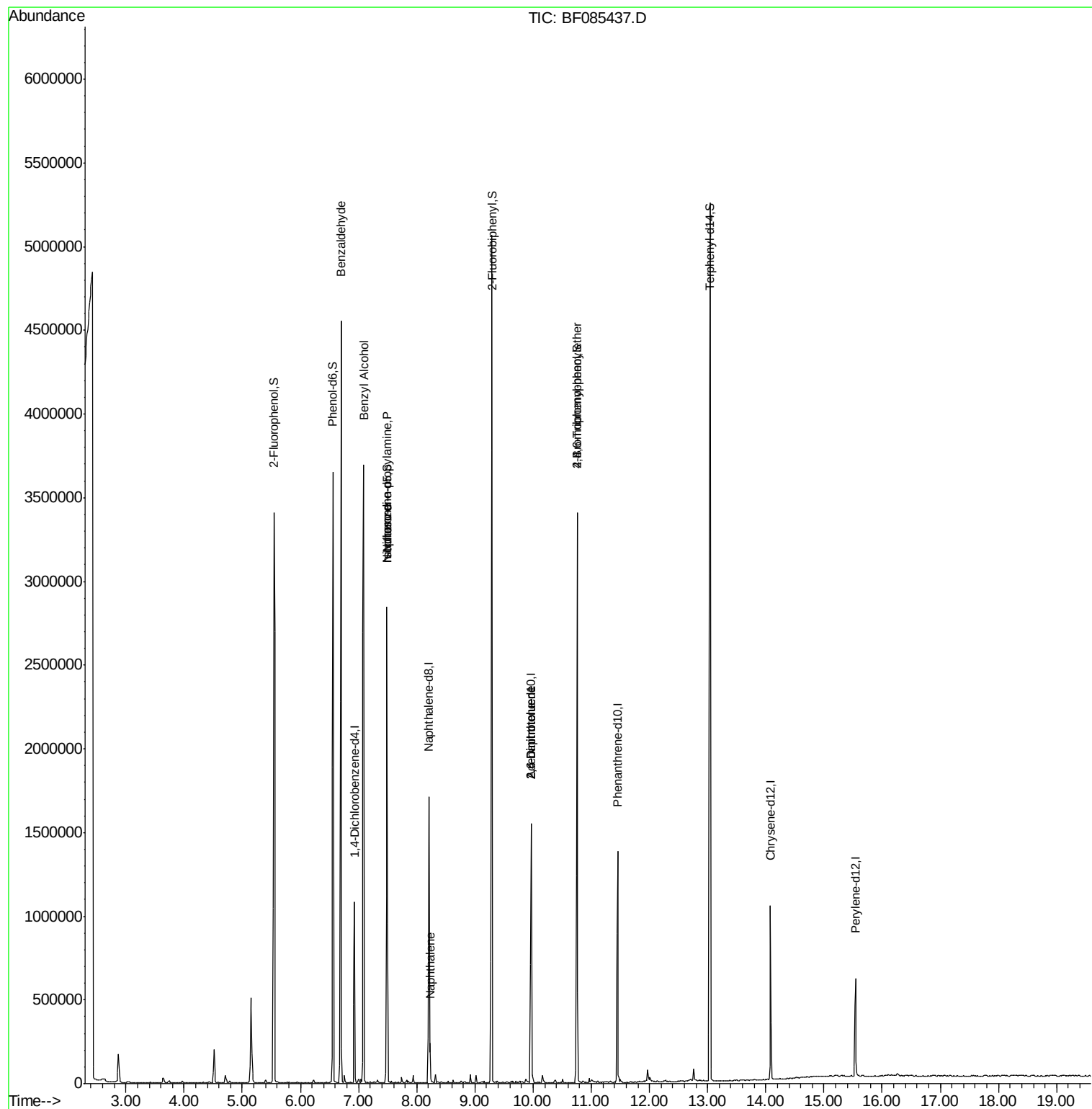
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	182468	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	722000	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	337008	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	630925	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	353224	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						
9) Benzaldehyde	6.70	77	33737	2.19	ng	Qvalue 85
15) Benzyl Alcohol	7.09	79	22098	2.11	ng	# 40
19) n-Nitroso-di-n-propylamine	7.49	70	157597	16.97	ng	# 78
25) Isophorone	7.49	82	911469	36.45	ng	# 67
31) Naphthalene	8.23	128	79648	2.24	ng	96
50) 2,6-Dinitrotoluene	9.97	165	43191	7.81	ng	# 26
56) 2,4-Dinitrotoluene	9.97	165	43184	6.10	ng	# 22
66) 4-Bromophenyl-phenylether	10.76	248	31193	5.09	ng	# 1

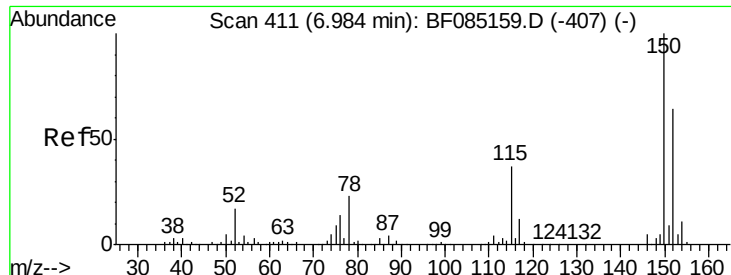
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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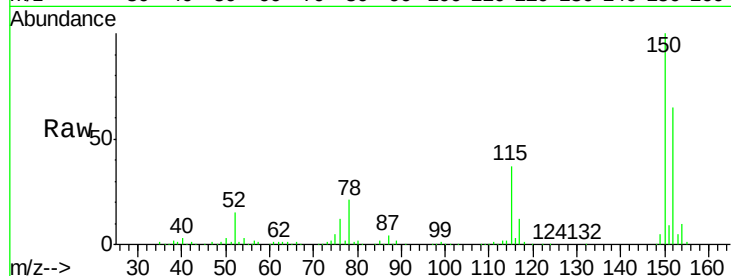




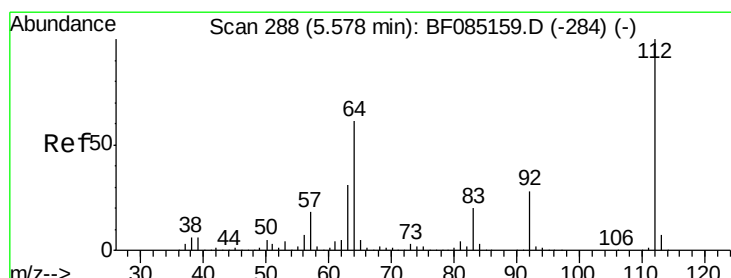
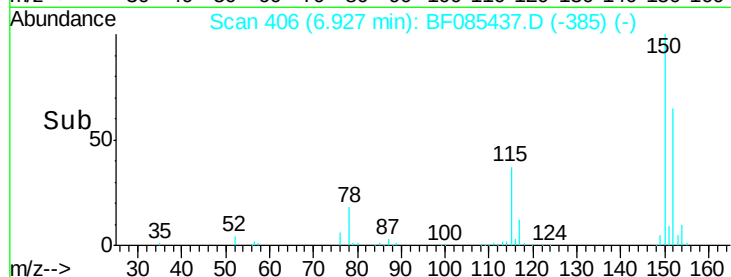
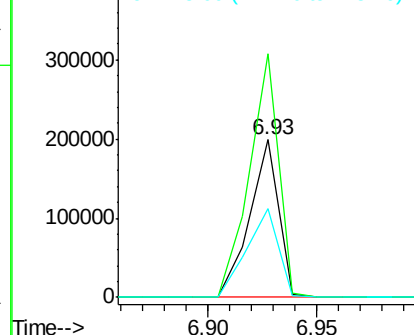
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 406
 Delta R.T. -0.06 min
 Lab File: BF085437.D
 Acq: 14 Mar 2016 19:06

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

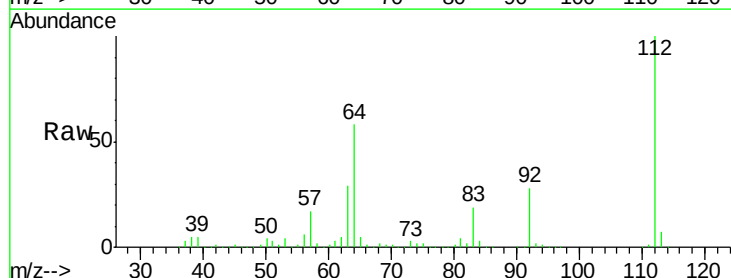


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

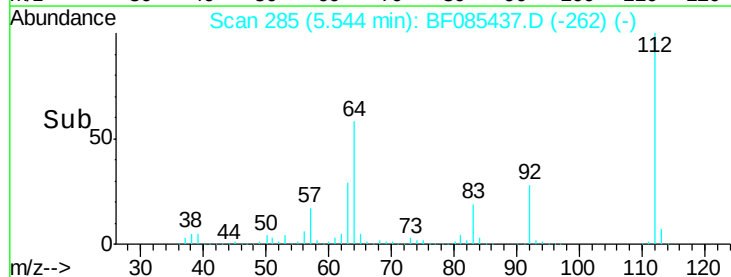
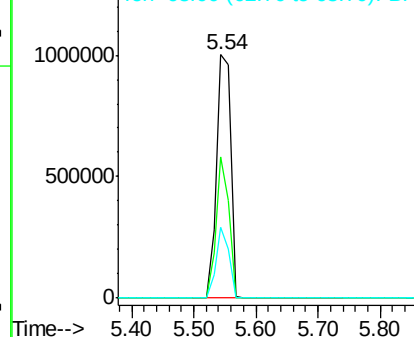


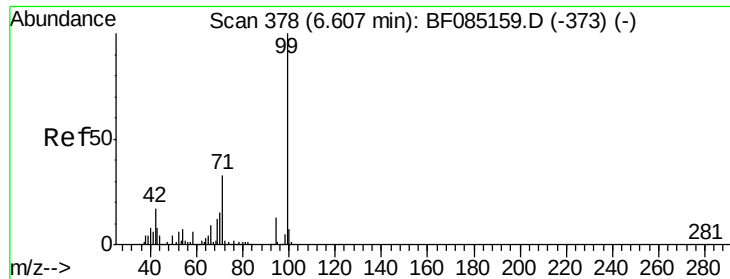
#5
 2-Fluorophenol
 Concen: 142.62 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085437.D
 Acq: 14 Mar 2016 19:06

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

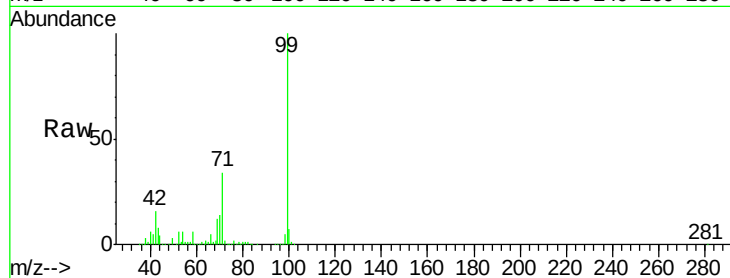
Tgt Ion: 99 Resp: 1565430

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

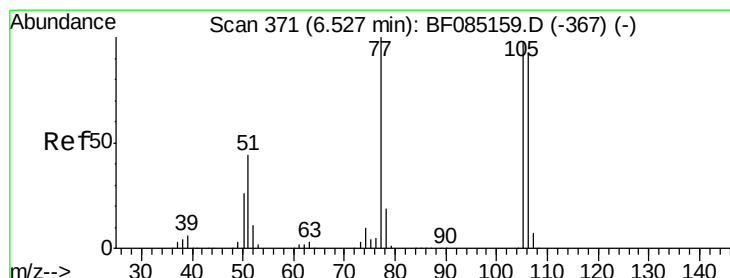
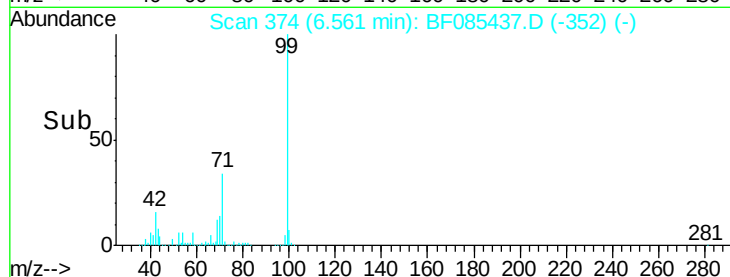
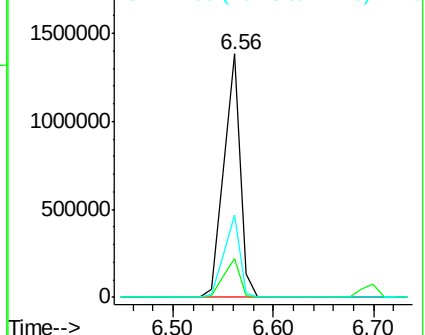
71 34.1 26.7 40.1



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



#9

Benzaldehyde

Concen: 2.19 ng

RT: 6.70 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

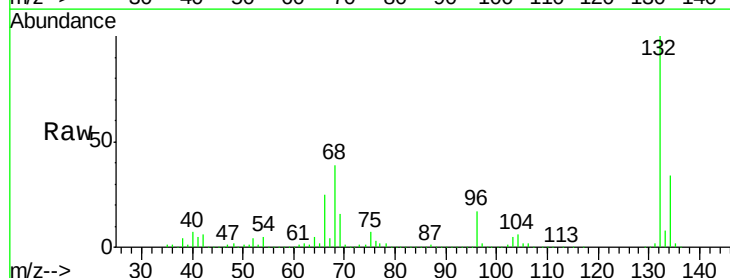
Tgt Ion: 77 Resp: 33737

Ion Ratio Lower Upper

77 100

105 82.0 78.2 118.2

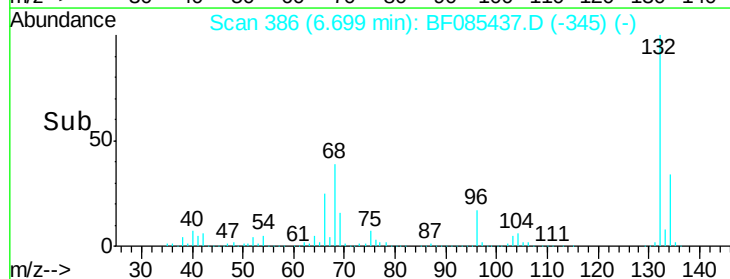
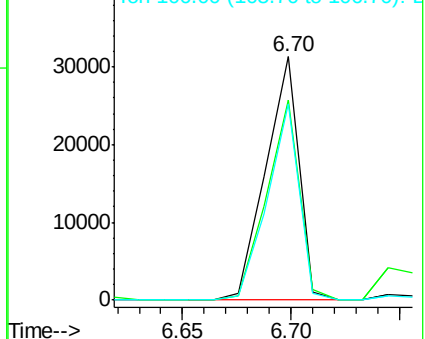
106 80.4 72.9 112.9

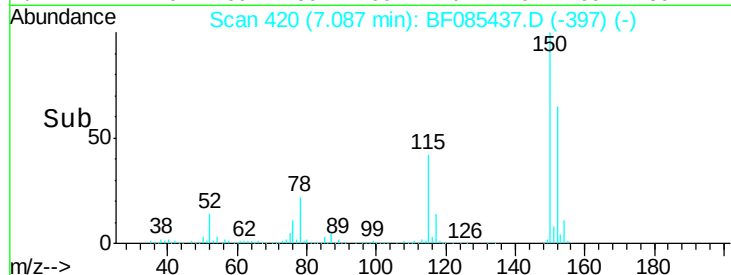
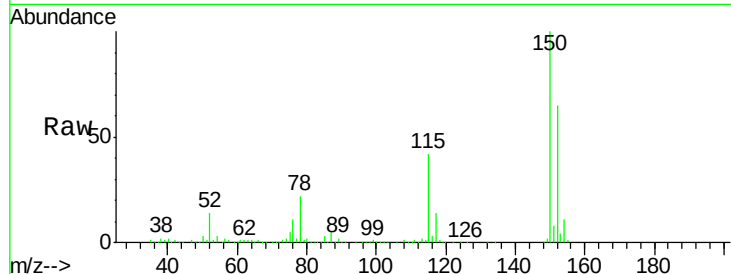
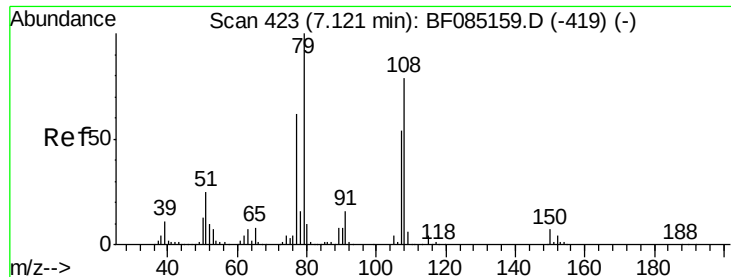


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

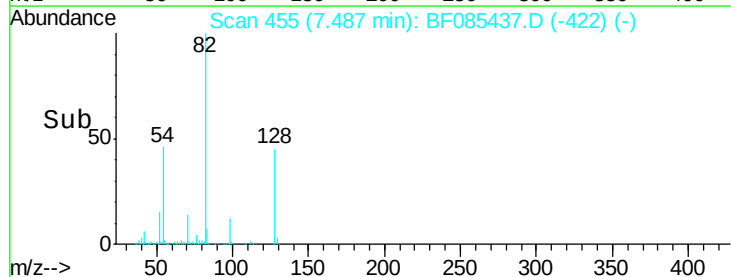
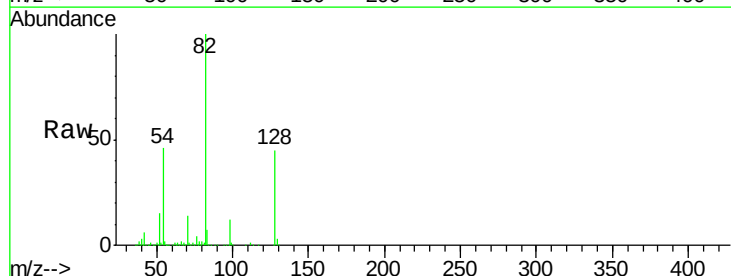
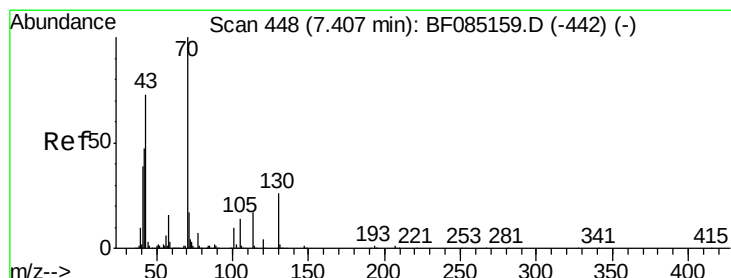
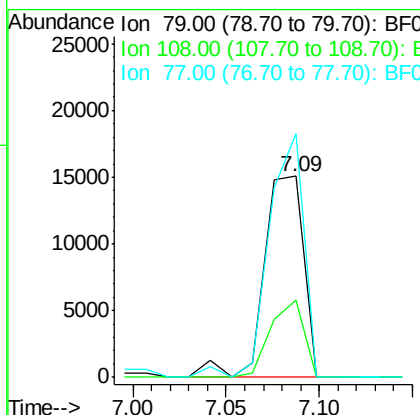




#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF085437.D
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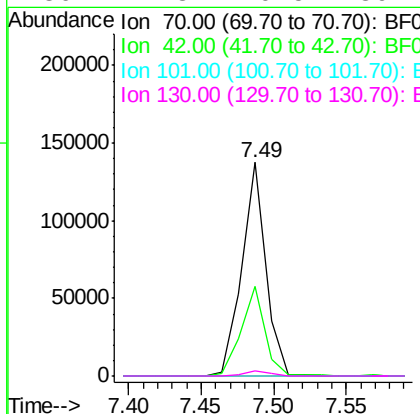
Instrument :
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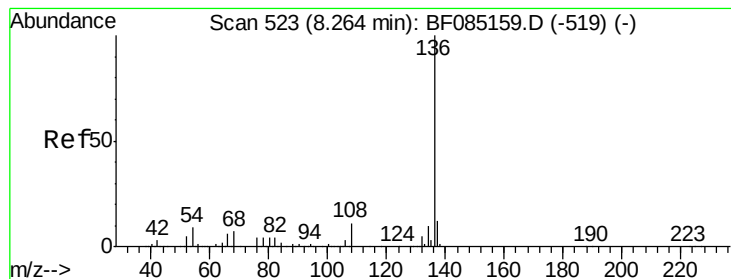
Tgt Ion: 79 Resp: 22098
Ion Ratio Lower Upper
79 100
108 38.5 62.9 94.3#
77 121.0 49.5 74.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.97 ng
RT: 7.49 min Scan# 455
Delta R.T. 0.08 min
Lab File: BF085437.D
Acq: 14 Mar 2016 19:06

Tgt Ion: 70 Resp: 157597
Ion Ratio Lower Upper
70 100
42 41.9 37.7 56.5
101 0.0 8.2 12.4#
130 2.3 20.5 30.7#

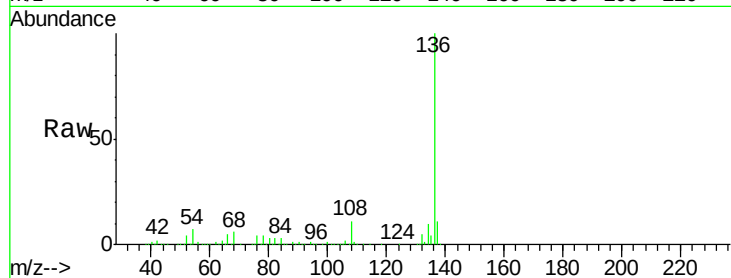




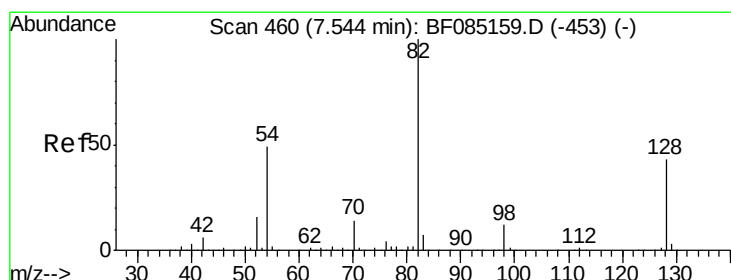
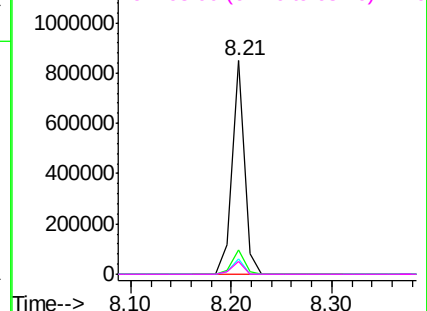
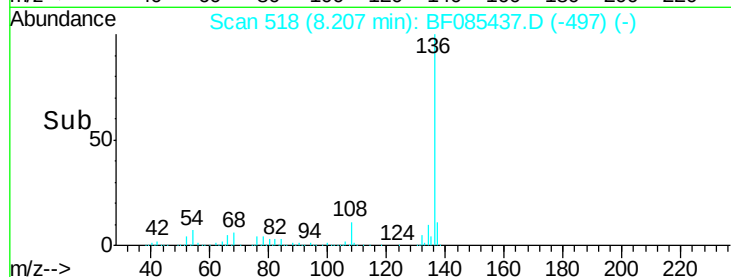
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085437.D
Acq: 14 Mar 2016 19:06

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

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

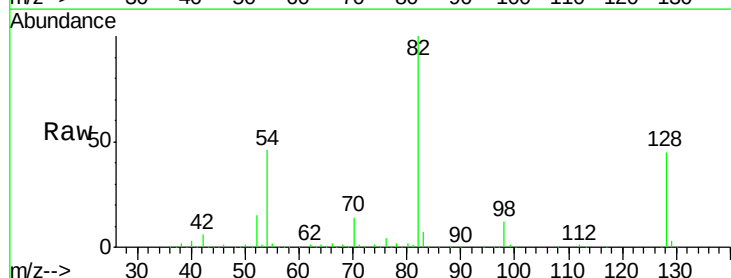


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

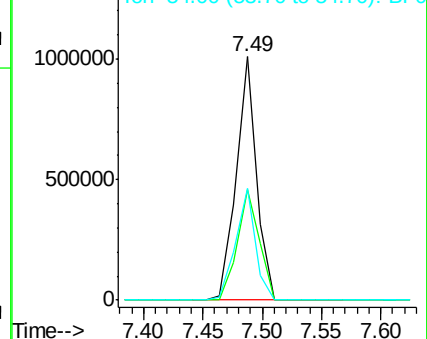
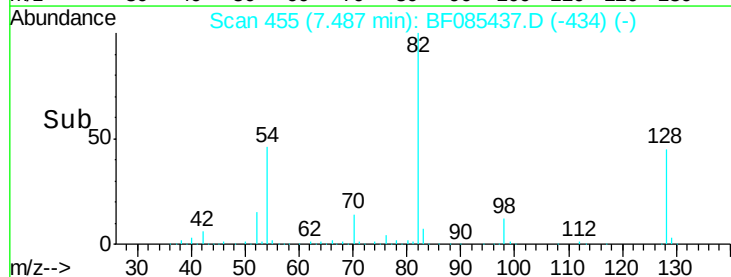


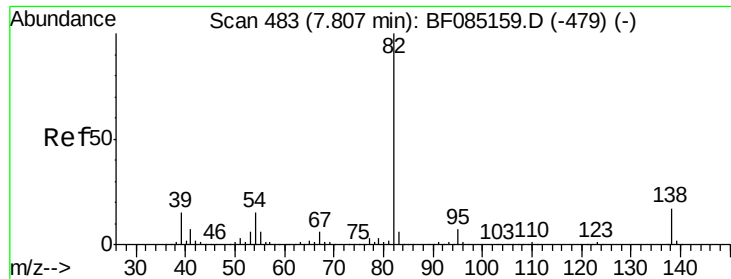
#23
Nitrobenzene-d5
Concen: 88.74 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085437.D
Acq: 14 Mar 2016 19:06

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





#25

Isophorone

Concen: 36.45 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.32 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MSD

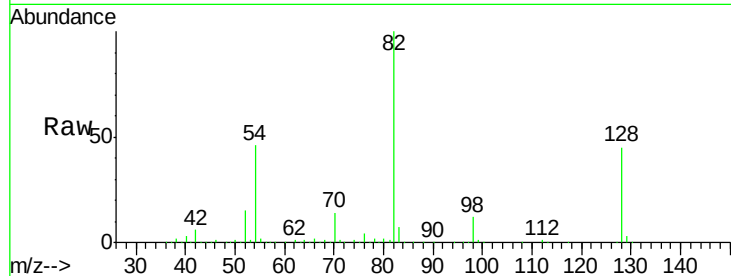
Tgt Ion: 82 Resp: 911469

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

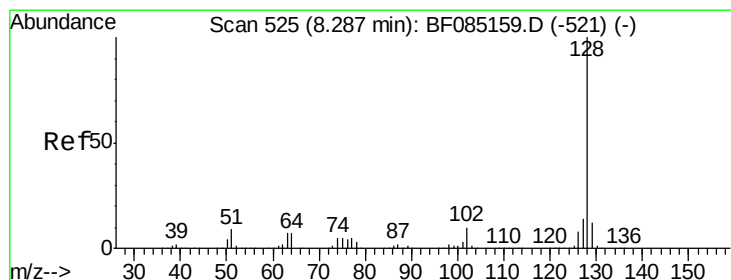
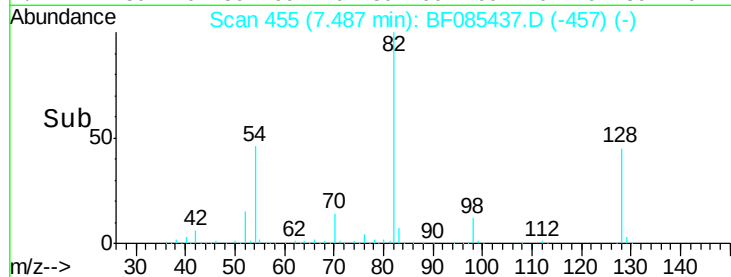
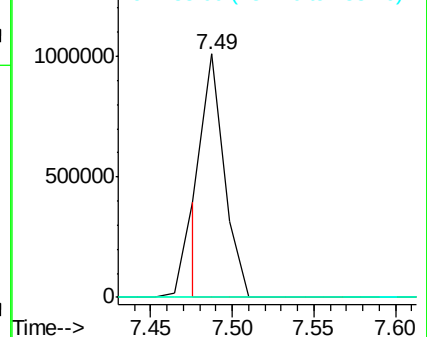
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): 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

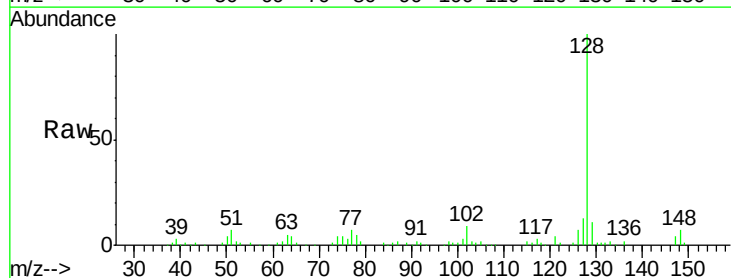
Tgt Ion: 128 Resp: 79648

Ion Ratio Lower Upper

128 100

129 10.6 9.7 14.5

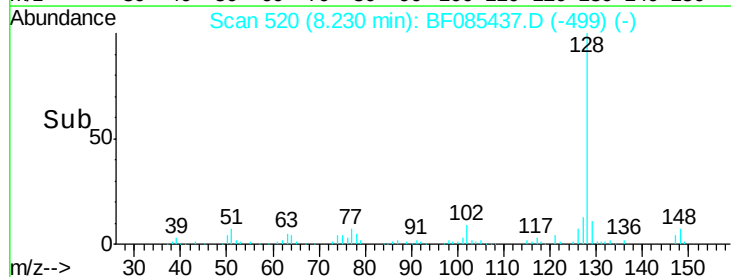
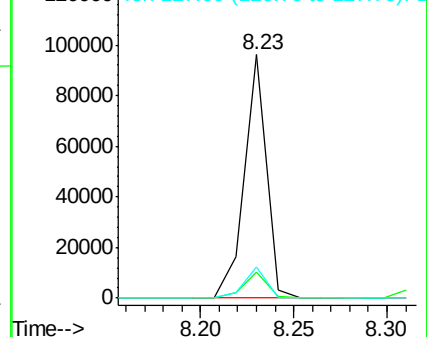
127 12.7 11.2 16.8

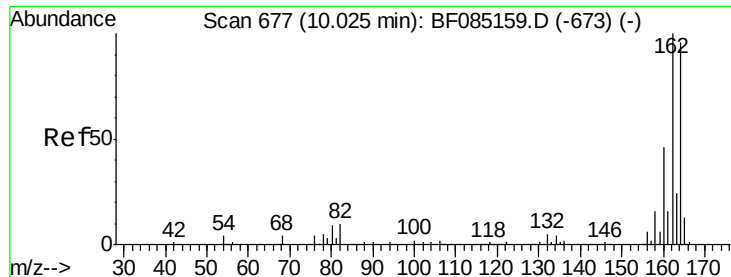


Abundance Ion 128.00 (127.70 to 128.70): E

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 :

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ClientSampleId :

TRACK-D-STOCKPICE-COMP2MSD

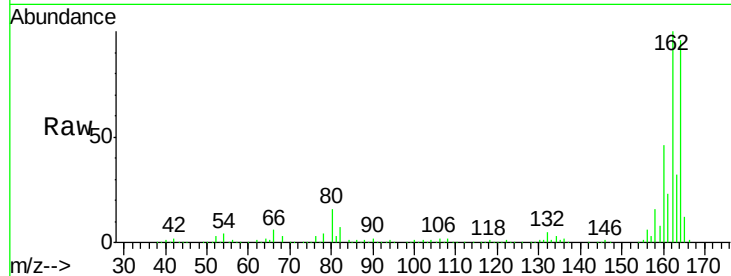
Tgt Ion:164 Resp: 337008

Ion Ratio Lower Upper

164 100

162 104.5 83.3 124.9

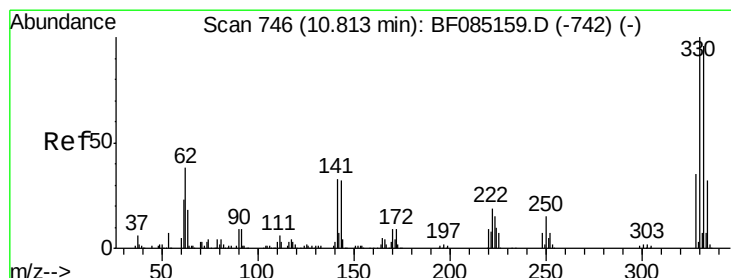
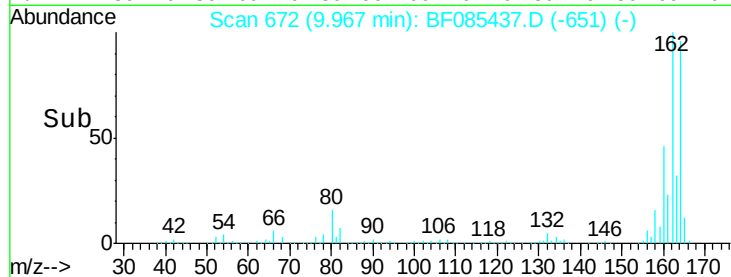
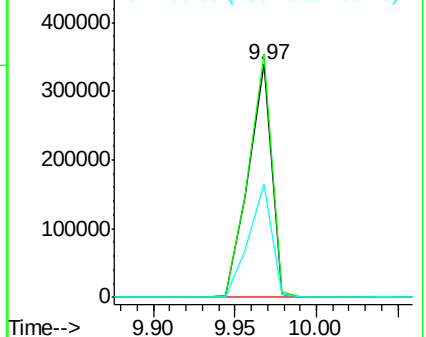
160 48.5 37.9 56.9



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

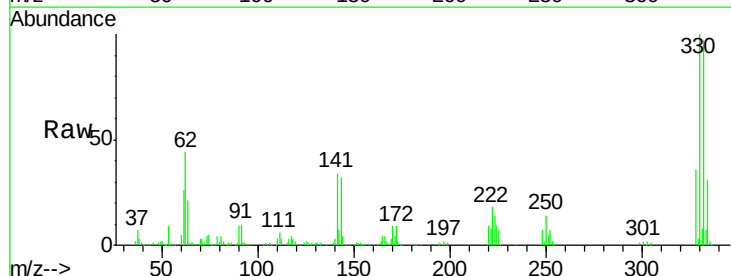
Tgt Ion:330 Resp: 473356

Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

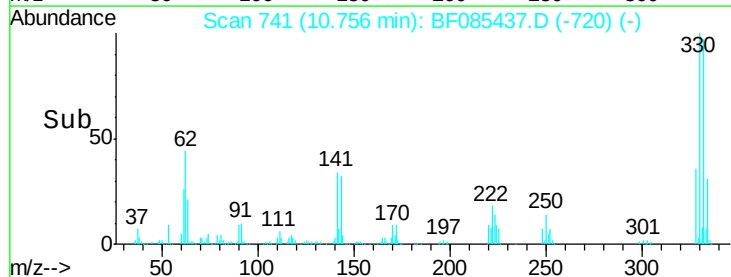
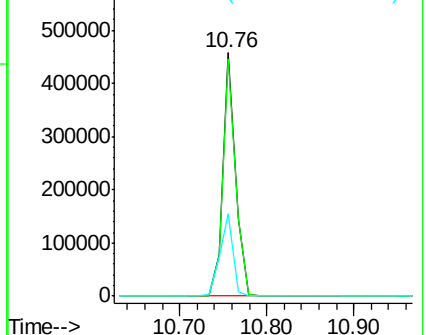
141 34.8 35.0 52.6#

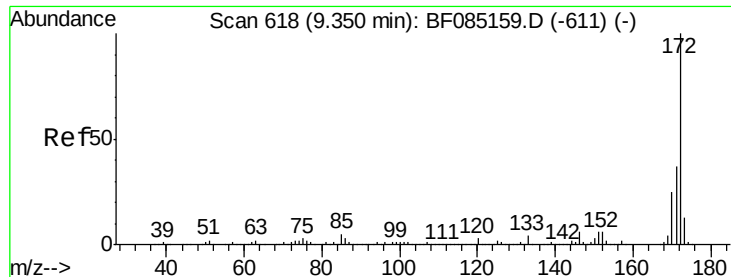


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

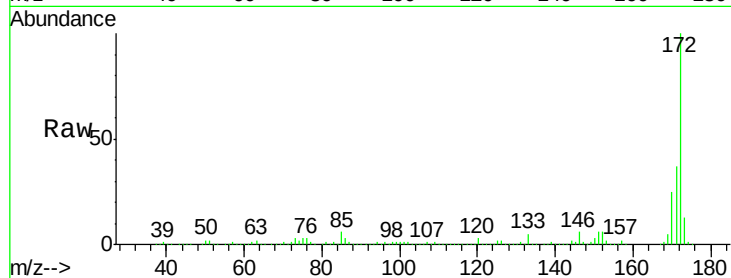




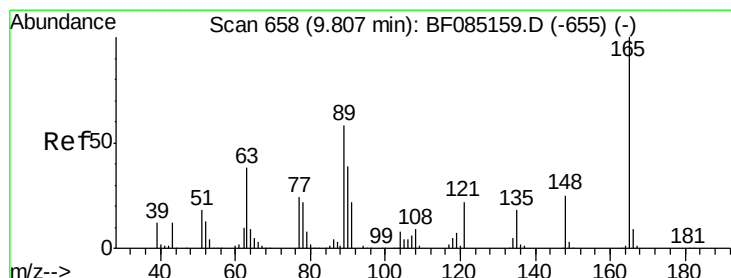
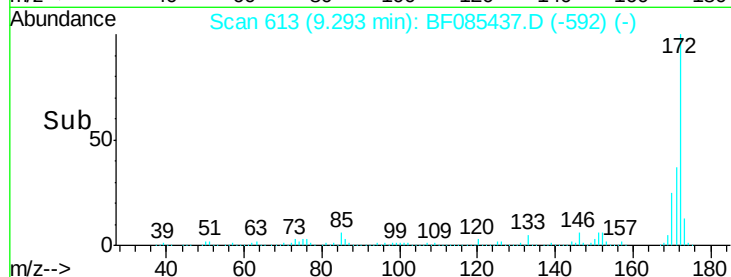
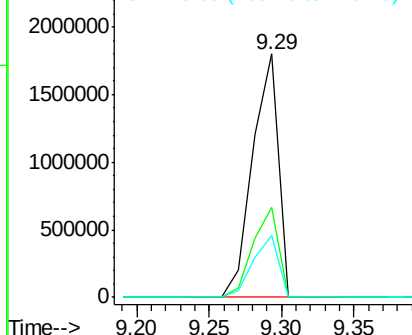
#44
 2-Fluorobiphenyl
 Concen: 99.68 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085437.D
 Acq: 14 Mar 2016 19:06

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

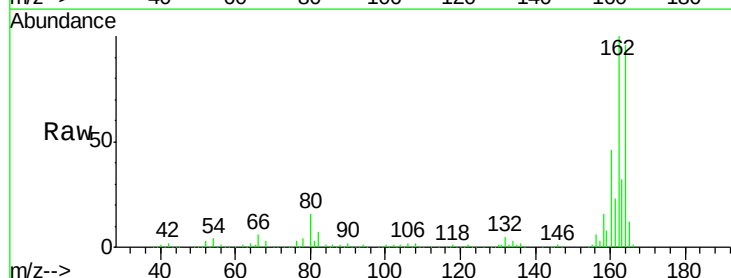


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

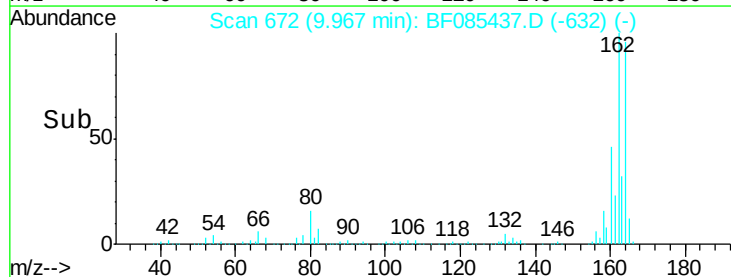
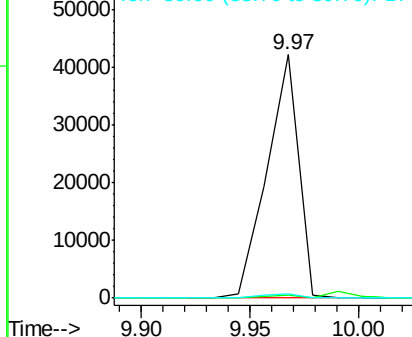


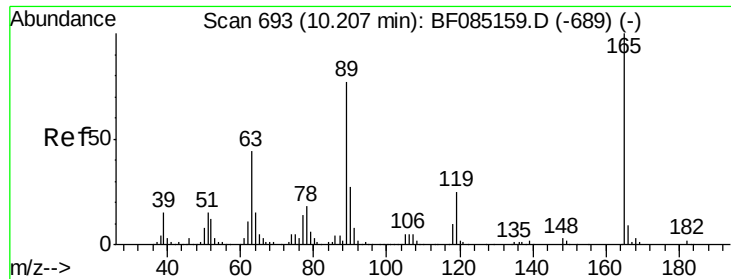
#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.97 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF085437.D
 Acq: 14 Mar 2016 19:06

Tgt Ion:165 Resp: 43191
 Ion Ratio Lower Upper
 165 100
 63 1.3 41.8 62.8#
 89 1.8 46.7 70.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.10 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.24 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

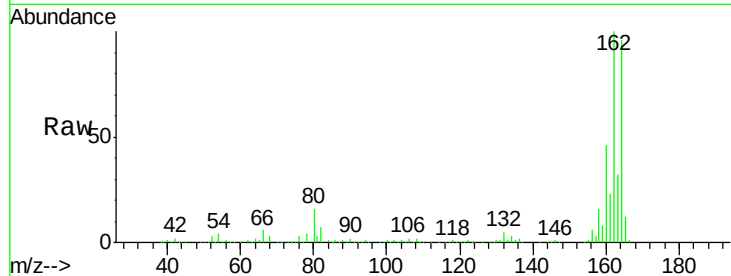
Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MSD

Tgt Ion:	165	Resp:	43184
Ion Ratio	Lower	Upper	
165	100		
63	1.3	35.4	53.0#
89	1.8	61.9	92.9#
182	0.0	1.9	2.9#

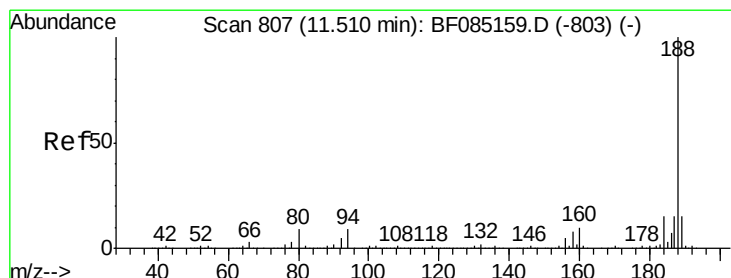
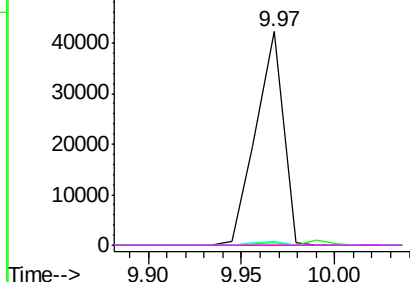
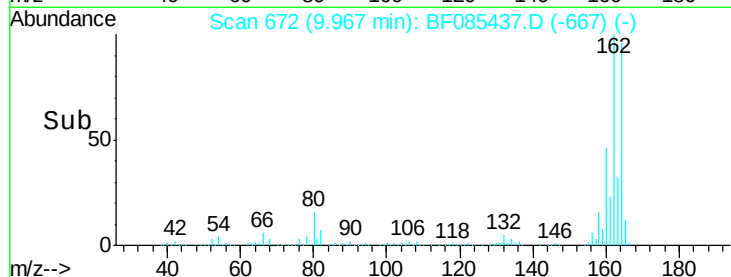


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

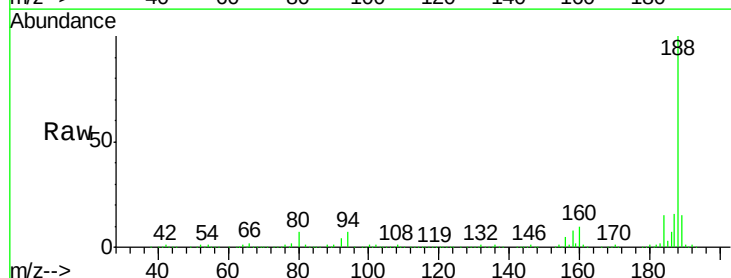
RT: 11.45 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF085437.D

Acq: 14 Mar 2016 19:06

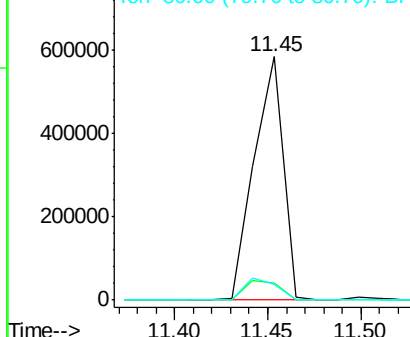
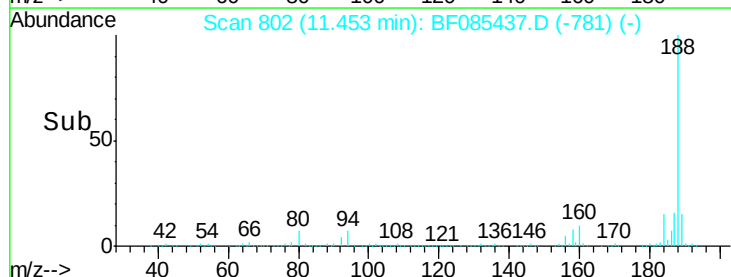
Tgt Ion:	188	Resp:	630925
Ion Ratio	Lower	Upper	
188	100		
94	7.0	7.0	10.6#
80	6.6	7.4	11.0#

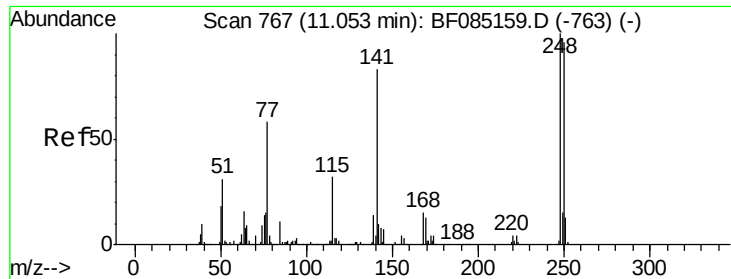


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

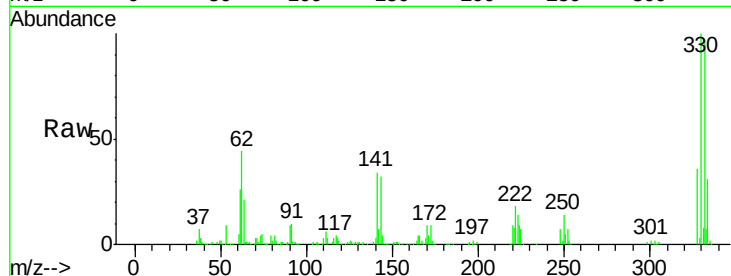




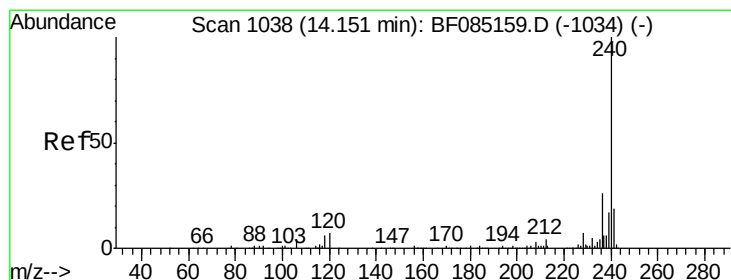
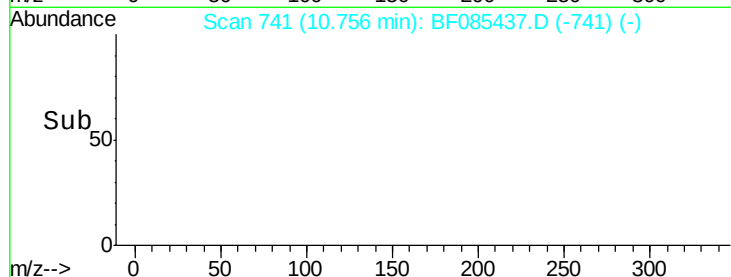
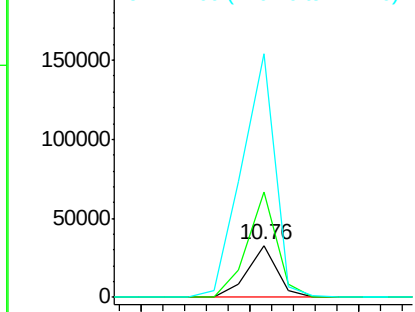
#66
4-Bromophenyl-phenylether
Concen: 5.09 ng
RT: 10.76 min Scan# 741
Delta R.T. -0.30 min
Lab File: BF085437.D
Acq: 14 Mar 2016 19:06

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

Tgt Ion:248 Resp: 31193
Ion Ratio Lower Upper
248 100
250 202.4 77.1 115.7#
141 469.3 66.2 99.2#

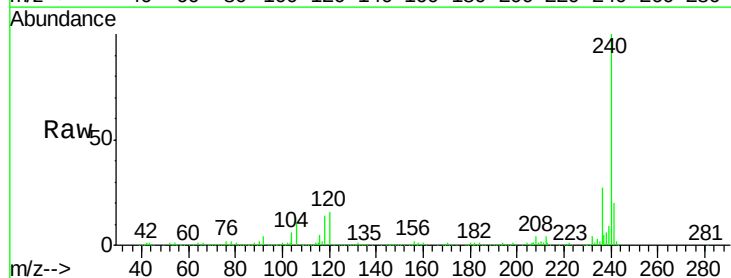


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

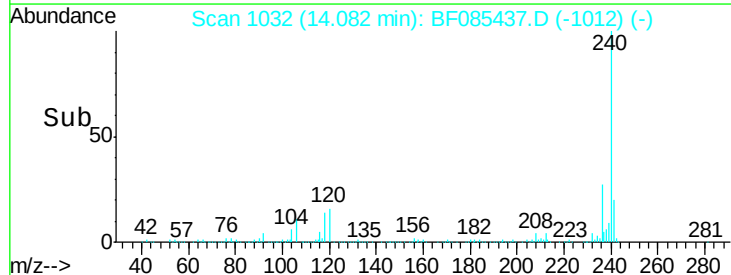
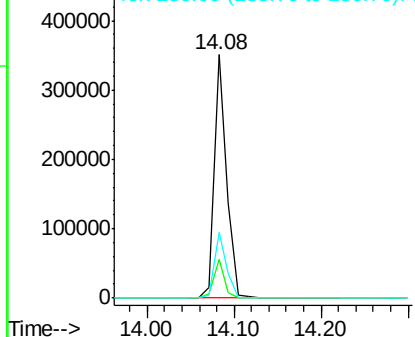


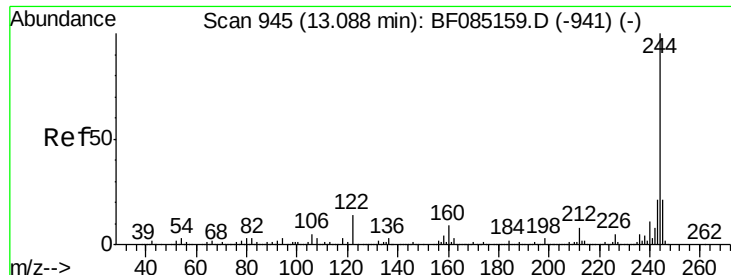
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF085437.D
Acq: 14 Mar 2016 19:06

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

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2MSD

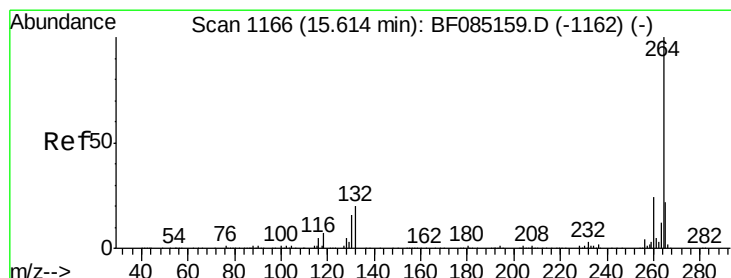
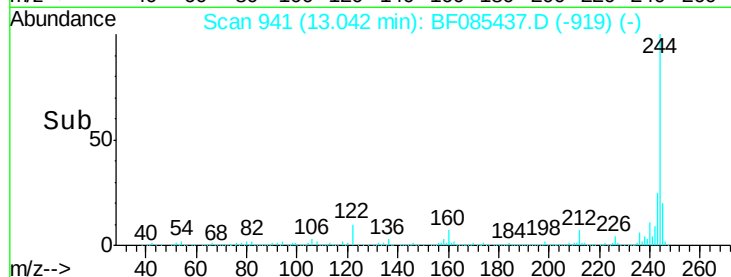
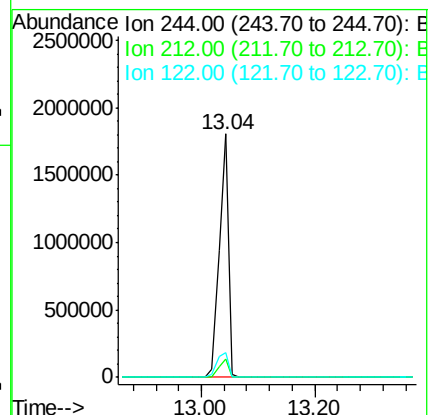
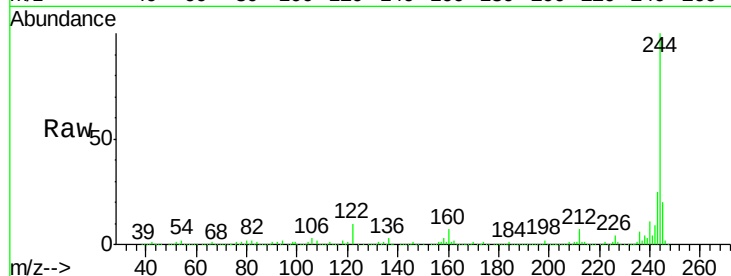
Tgt Ion:244 Resp: 1953553

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

122 9.9 11.4 17.2#



#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

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

