

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 01:01:27 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

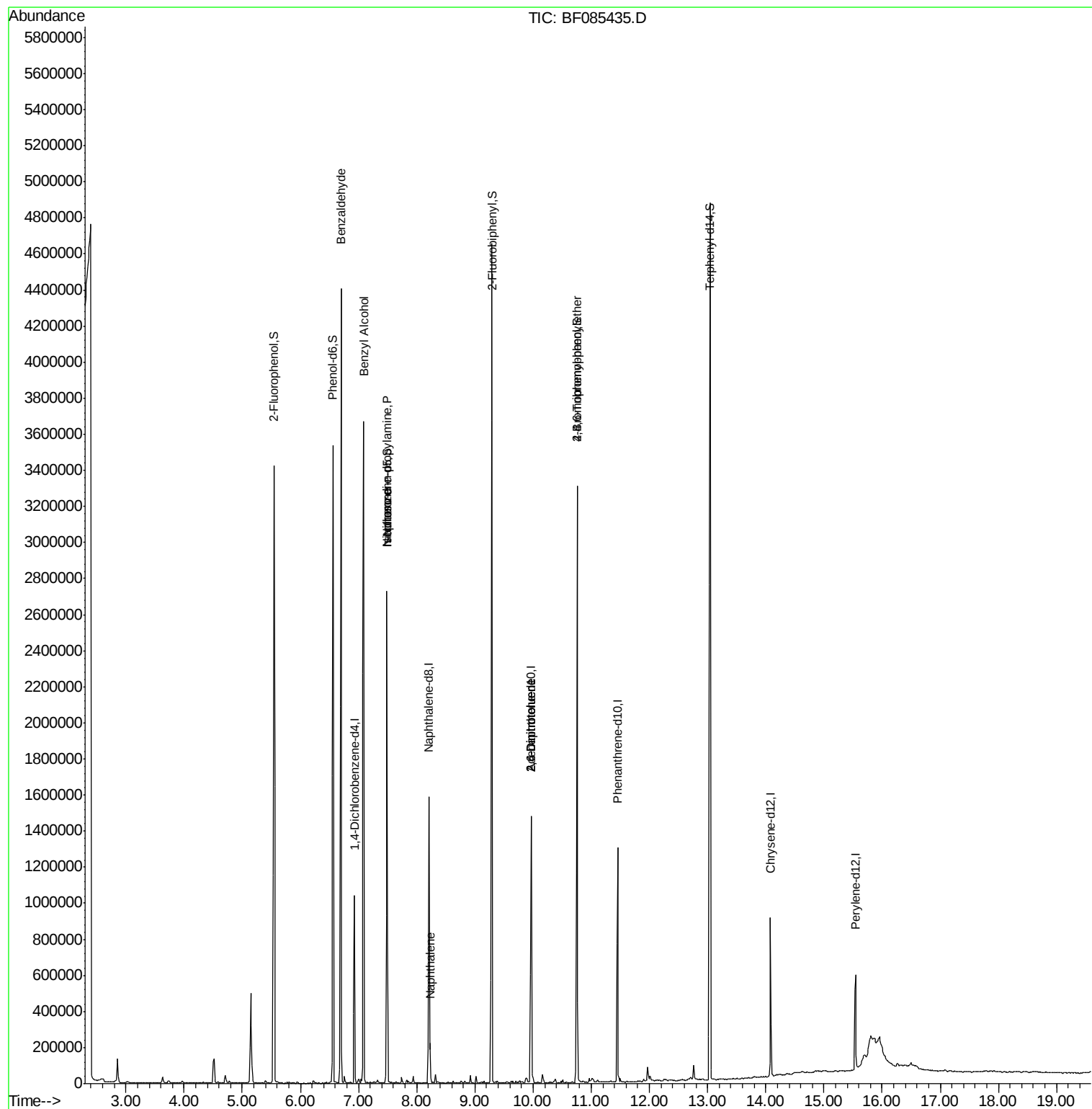
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	168296	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	652730	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	313730	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	574697	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	301512	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						
9) Benzaldehyde	6.70	77	31439	2.24	ng	Qvalue 87
15) Benzyl Alcohol	7.09	79	20382	2.11	ng	# 40
19) n-Nitroso-di-n-propylamine	7.49	70	142461	16.63	ng	# 78
25) Isophorone	7.49	82	836820	37.02	ng	# 67
31) Naphthalene	8.23	128	71898	2.24	ng	97
50) 2,6-Dinitrotoluene	9.97	165	40033	7.77	ng	# 26
56) 2,4-Dinitrotoluene	9.97	165	40034	6.07	ng	# 22
66) 4-Bromophenyl-phenylether	10.76	248	30613	5.49	ng	# 1

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

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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: BF085435.D

Acq: 14 Mar 2016 18:10

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

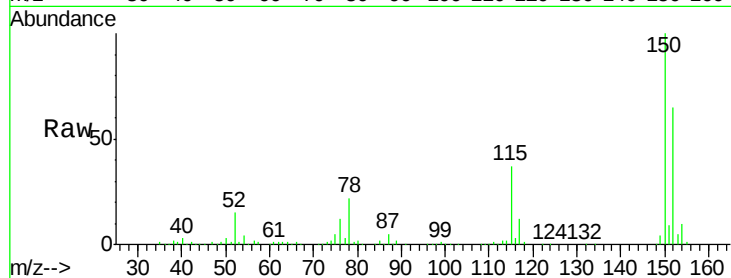
Tgt Ion:152 Resp: 168296

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

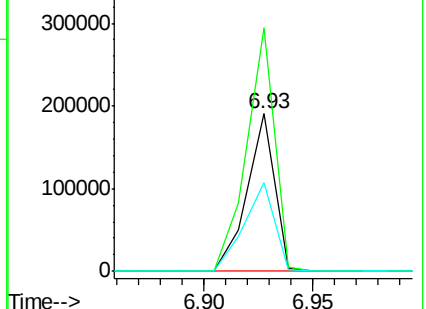
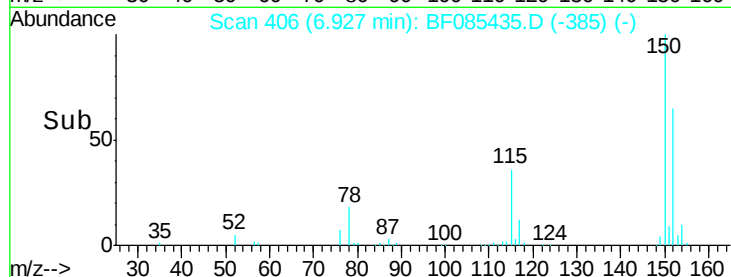
115 56.4 46.6 70.0



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

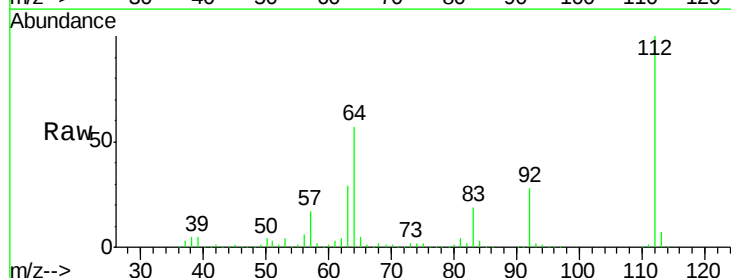
Tgt Ion:112 Resp: 1357242

Ion Ratio Lower Upper

112 100

64 57.5 49.0 73.4

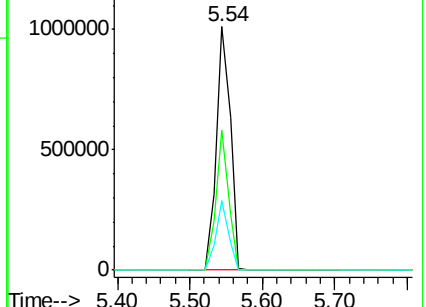
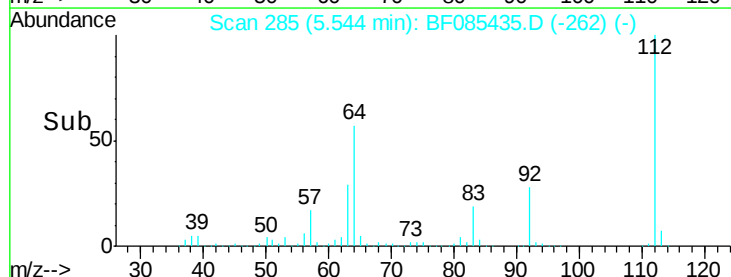
63 28.8 24.8 37.2

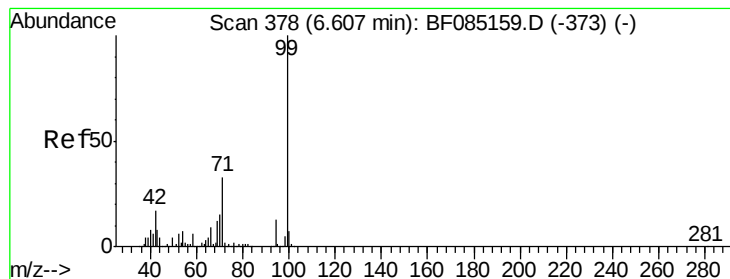


Abundance Ion 112.00 (111.70 to 112.70): E

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

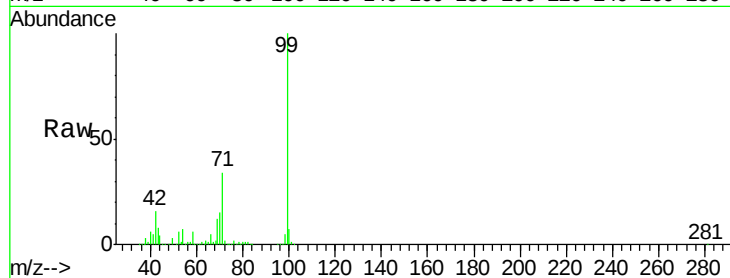
Tgt Ion: 99 Resp: 1455583

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

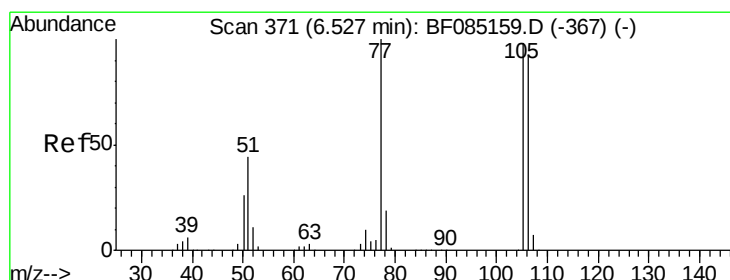
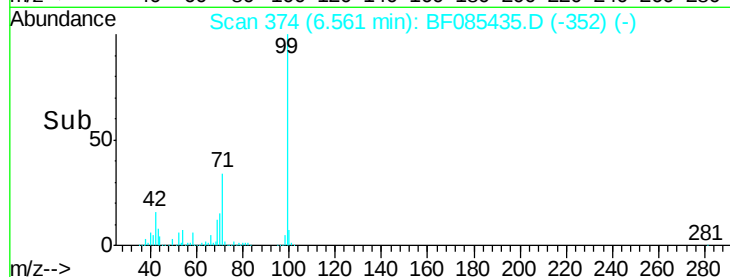
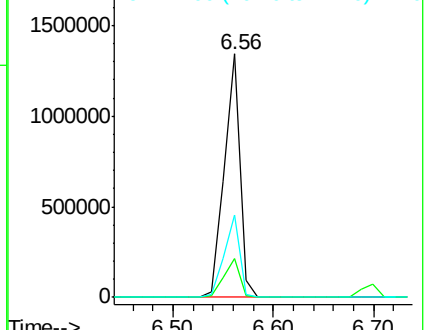
71 33.7 26.7 40.1



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: 2.24 ng

RT: 6.70 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

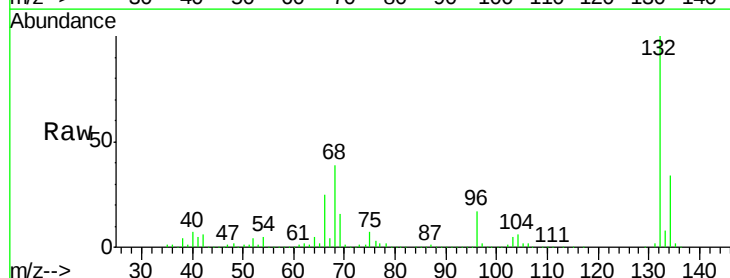
Tgt Ion: 77 Resp: 31439

Ion Ratio Lower Upper

77 100

105 83.1 78.2 118.2

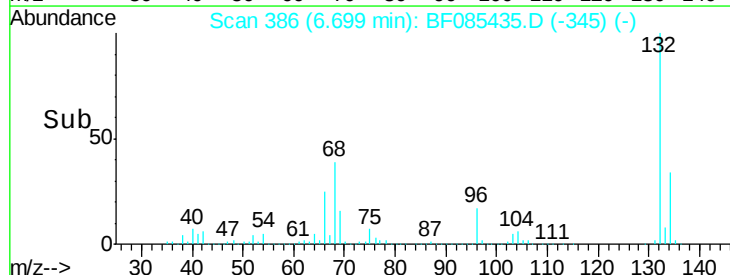
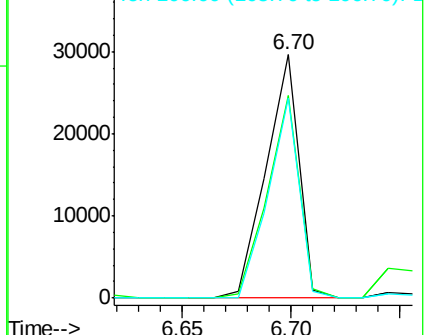
106 82.4 72.9 112.9

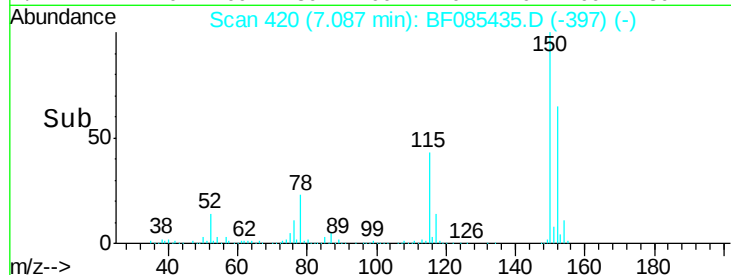
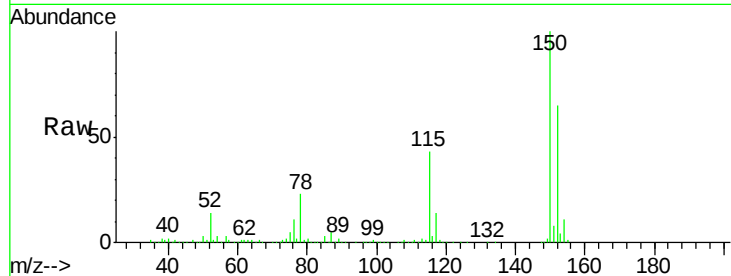
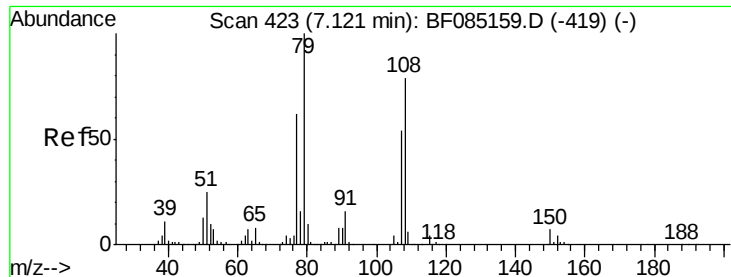


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

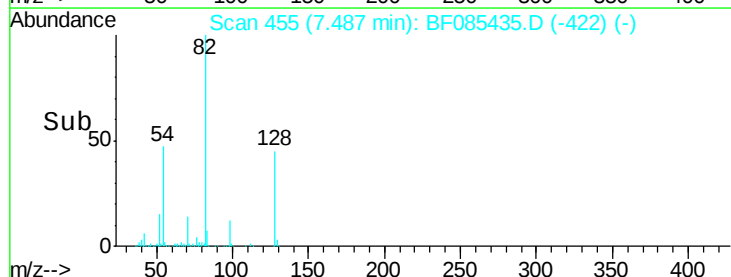
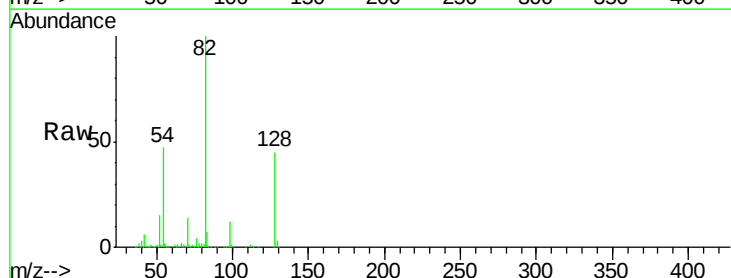
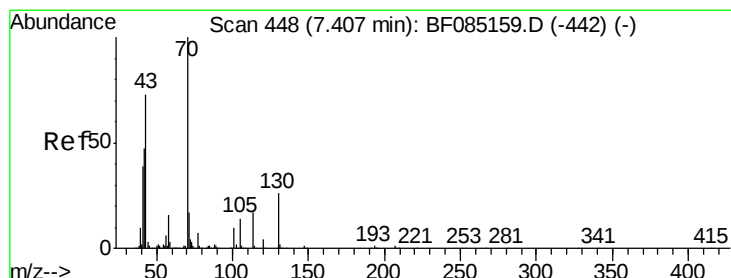
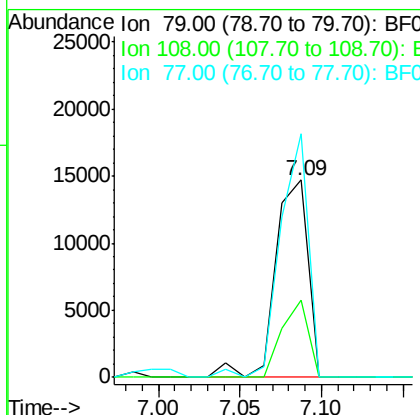




#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF085435.D
Acq: 14 Mar 2016 18:10

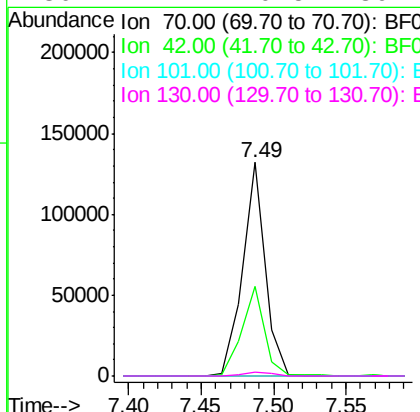
Instrument :
BNA_F
ClientSampleId :
TRACK-D-STOCKPICE-COMP2

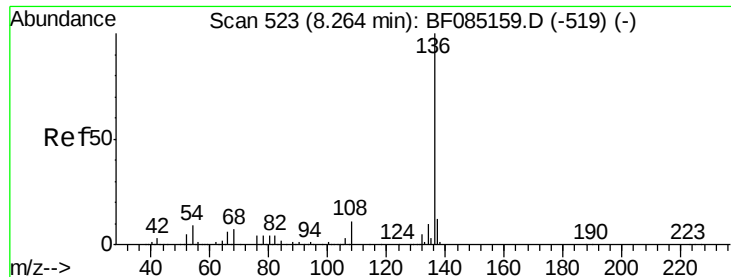
Tgt Ion: 79 Resp: 20382
Ion Ratio Lower Upper
79 100
108 39.3 62.9 94.3#
77 123.3 49.5 74.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.63 ng
RT: 7.49 min Scan# 455
Delta R.T. 0.08 min
Lab File: BF085435.D
Acq: 14 Mar 2016 18:10

Tgt Ion: 70 Resp: 142461
Ion Ratio Lower Upper
70 100
42 41.8 37.7 56.5
101 0.0 8.2 12.4#
130 2.1 20.5 30.7#

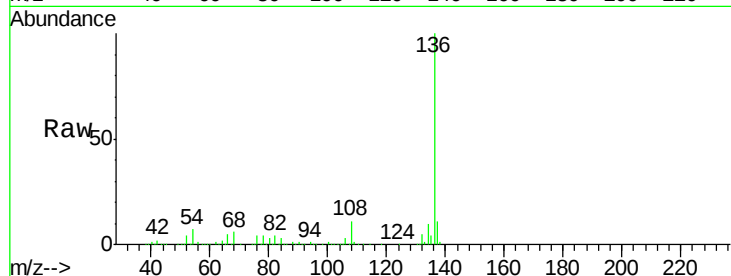




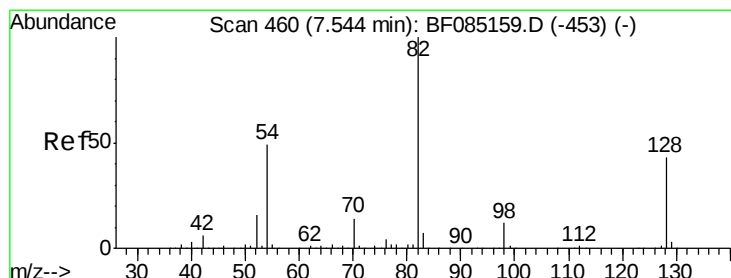
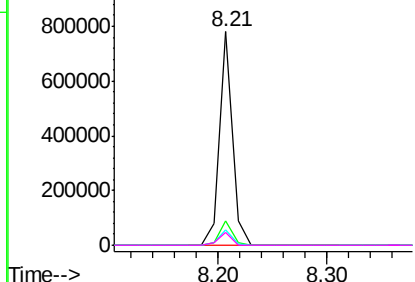
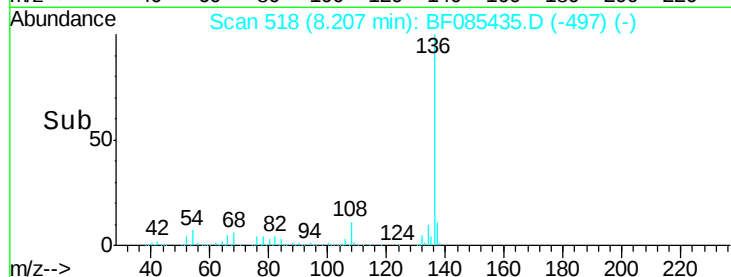
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085435.D
Acq: 14 Mar 2016 18:10

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

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

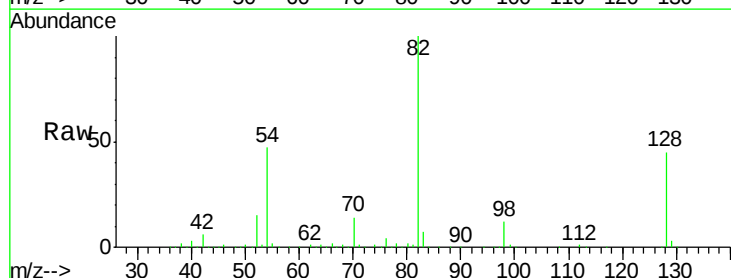


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

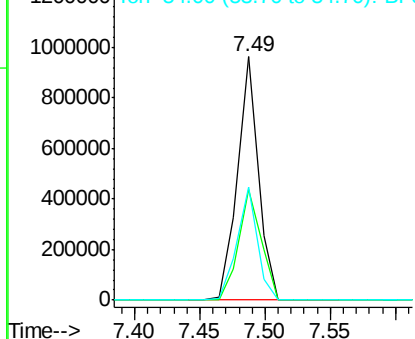
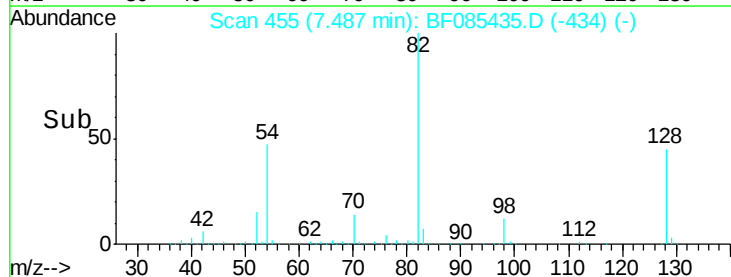


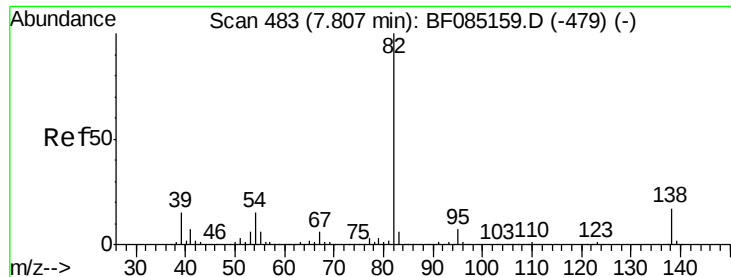
#23
Nitrobenzene-d5
Concen: 87.81 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085435.D
Acq: 14 Mar 2016 18:10

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



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: 37.02 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.32 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

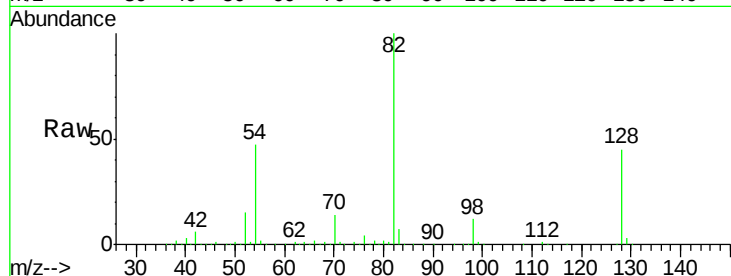
Tgt Ion: 82 Resp: 836820

Ion Ratio Lower Upper

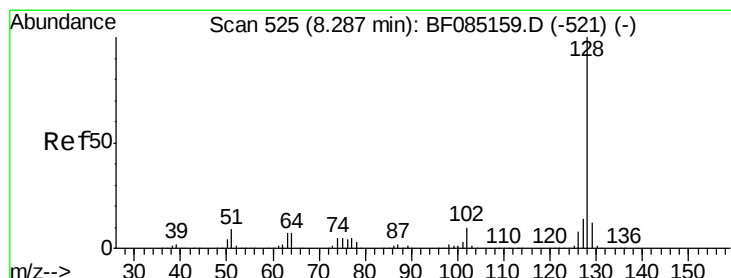
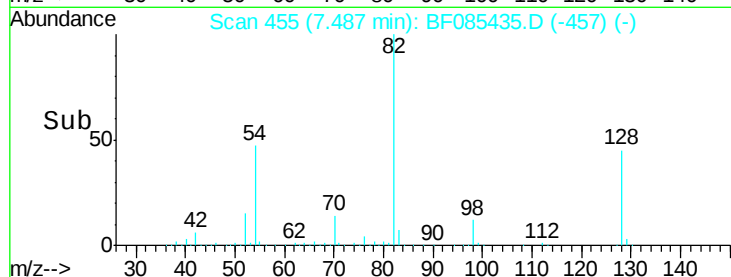
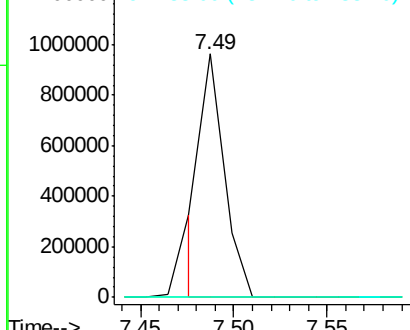
82 100

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: BF085435.D

Acq: 14 Mar 2016 18:10

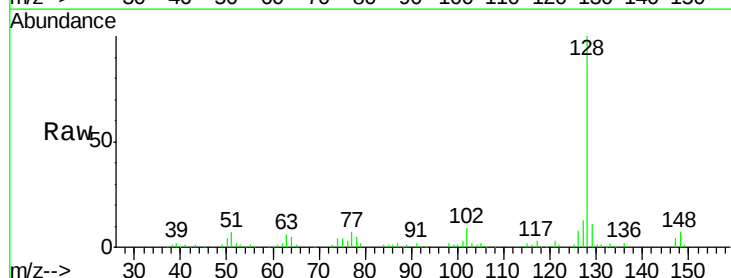
Tgt Ion: 128 Resp: 71898

Ion Ratio Lower Upper

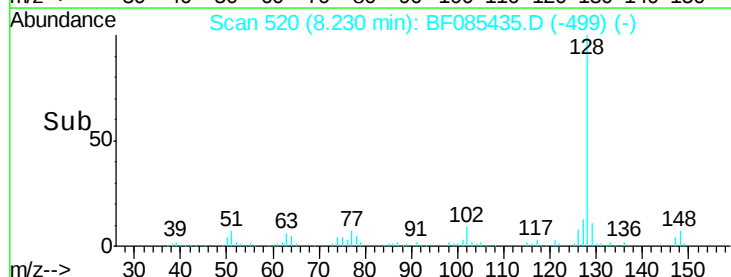
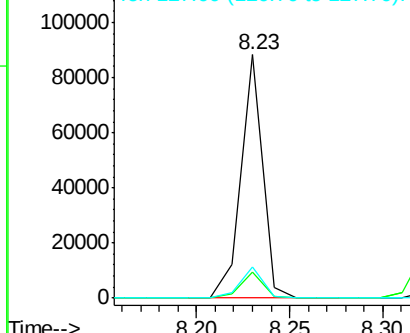
128 100

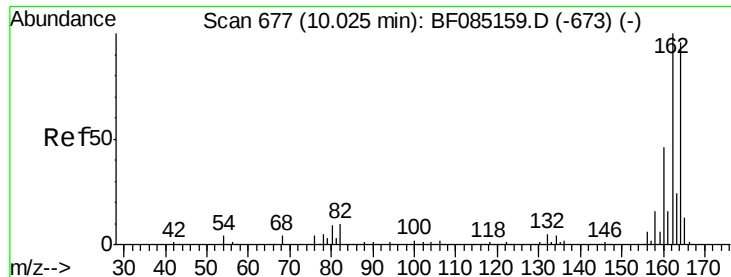
129 10.9 9.7 14.5

127 12.9 11.2 16.8



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: BF085435.D

Acq: 14 Mar 2016 18:10

Instrument :

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ClientSampleId :

TRACK-D-STOCKPICE-COMP2

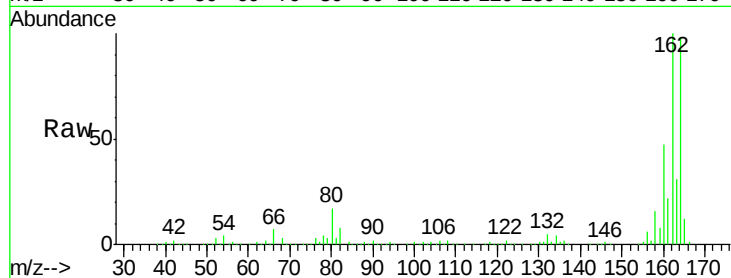
Tgt Ion:164 Resp: 313730

Ion Ratio Lower Upper

164 100

162 102.5 83.3 124.9

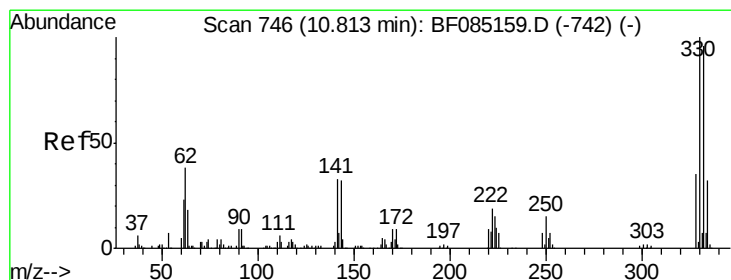
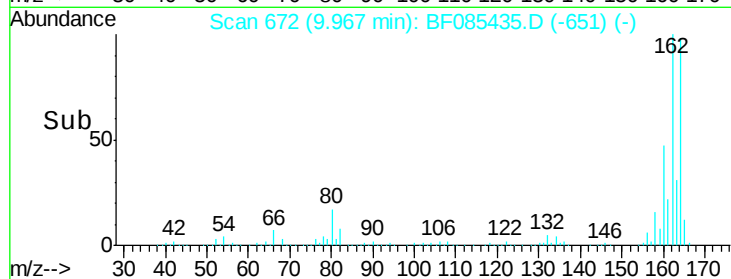
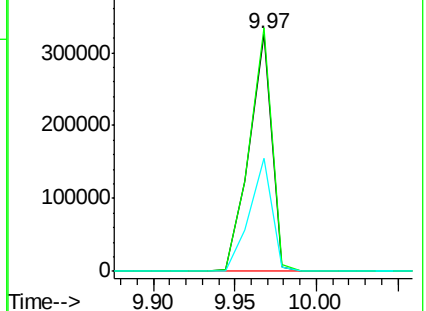
160 47.8 37.9 56.9



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

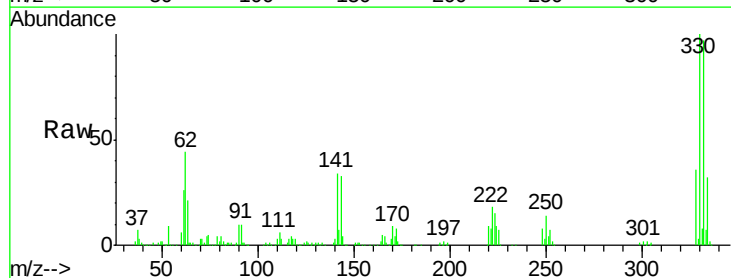
Tgt Ion:330 Resp: 438775

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

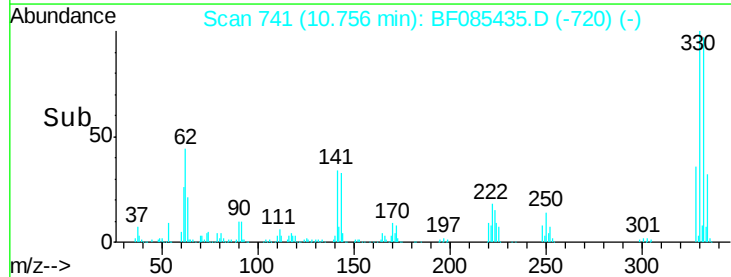
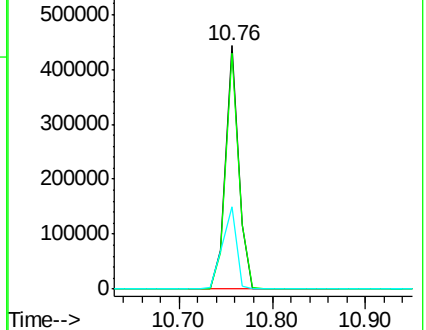
141 35.8 35.0 52.6

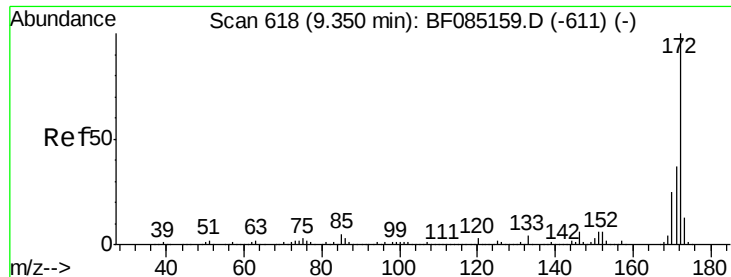


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

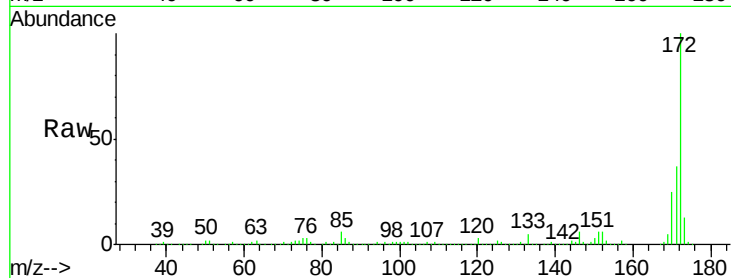




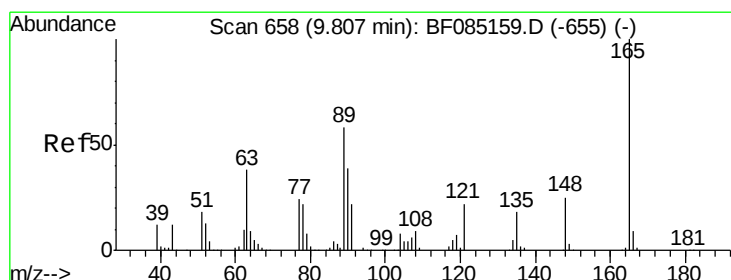
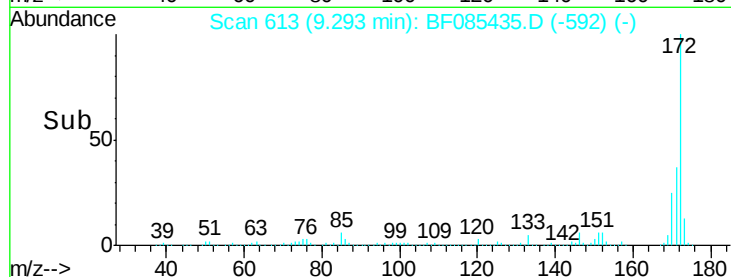
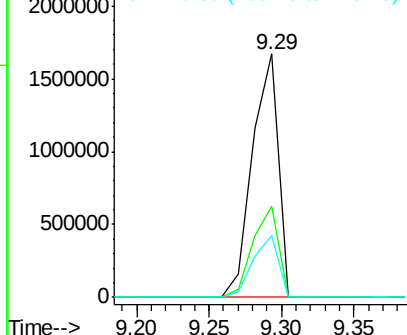
#44
 2-Fluorobiphenyl
 Concen: 100.03 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085435.D
 Acq: 14 Mar 2016 18:10

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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

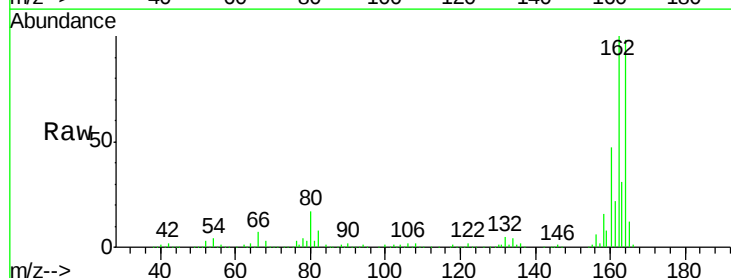


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

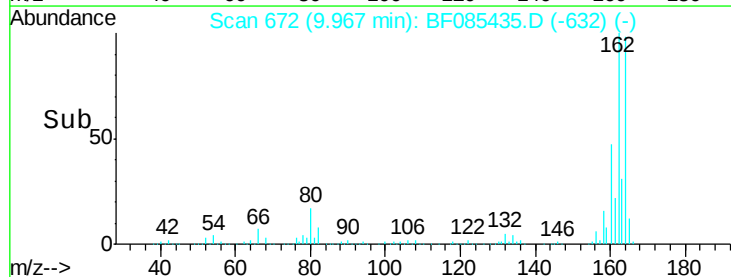
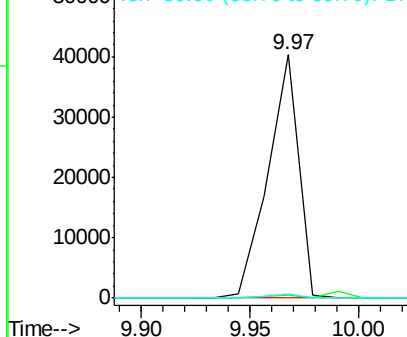


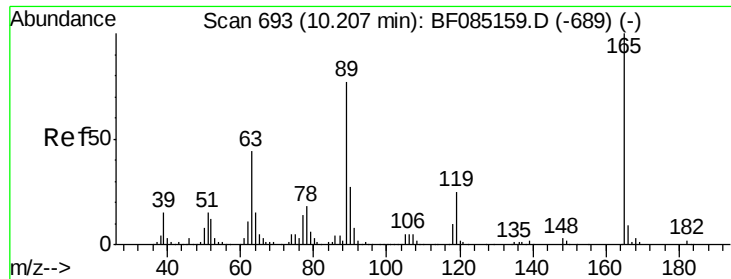
#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.97 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF085435.D
 Acq: 14 Mar 2016 18:10

Tgt Ion:165 Resp: 40033
 Ion Ratio Lower Upper
 165 100
 63 1.2 41.8 62.8#
 89 2.0 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

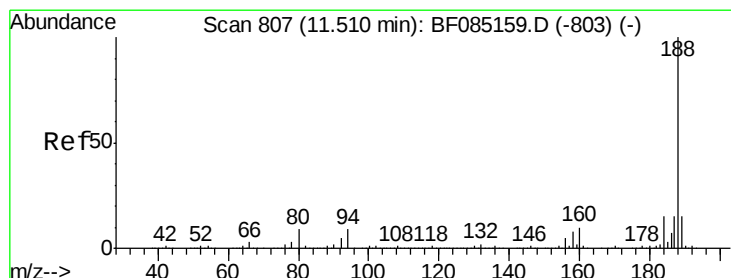
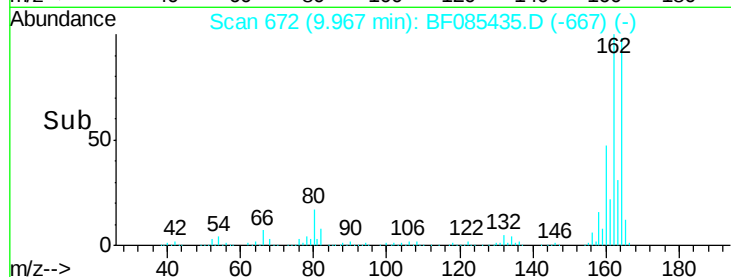
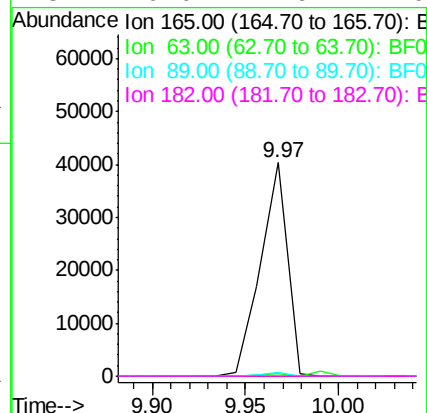
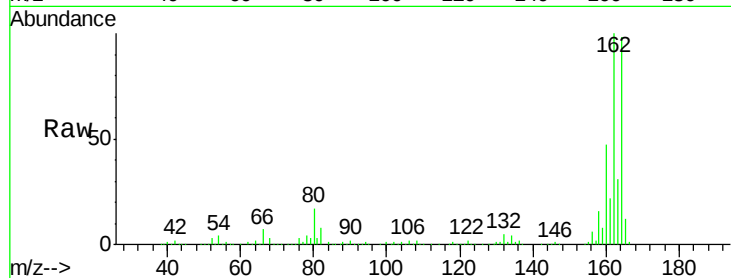




#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF085435.D
 Acq: 14 Mar 2016 18:10

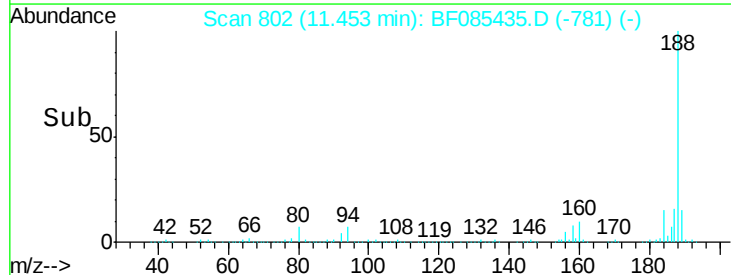
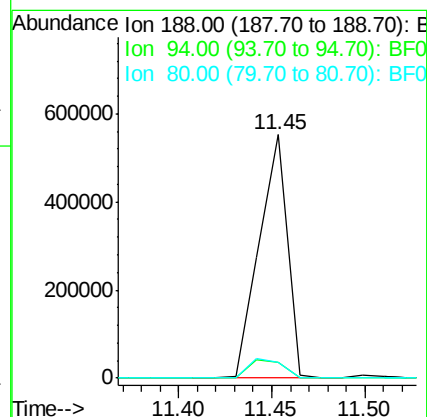
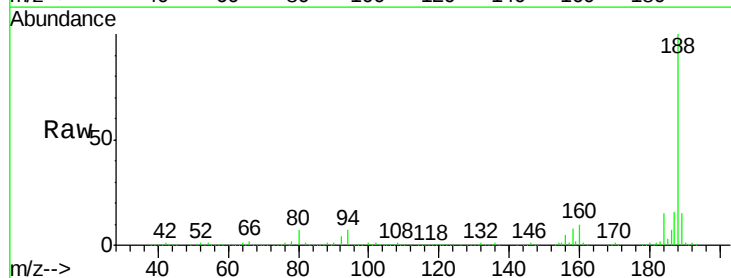
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-STOCKPICE-COMP2

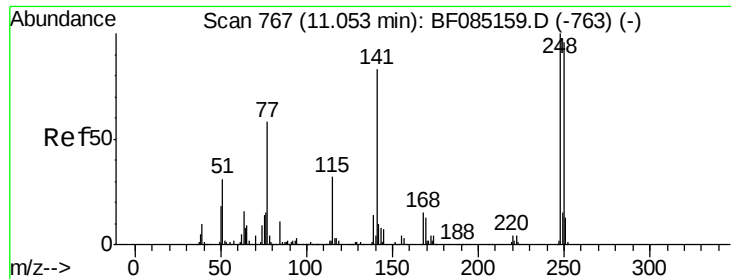
Tgt Ion:	165	Resp:	40034
Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	2.0	61.9	92.9#
182	0.0	1.9	2.9#



#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#





#66

4-Bromophenyl-phenylether

Concen: 5.49 ng

RT: 10.76 min Scan# 741

Delta R.T. -0.30 min

Lab File: BF085435.D

Acq: 14 Mar 2016 18:10

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

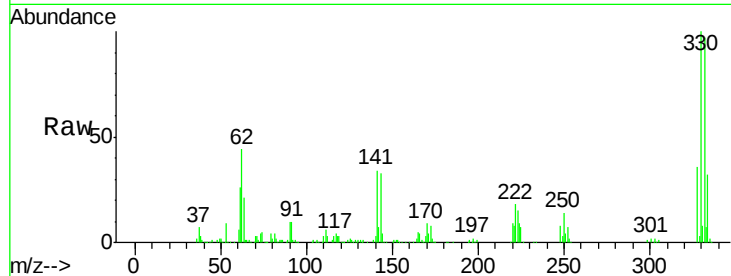
Tgt Ion:248 Resp: 30613

Ion Ratio Lower Upper

248 100

250 192.4 77.1 115.7#

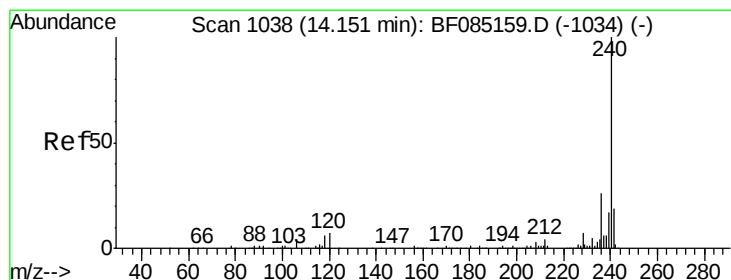
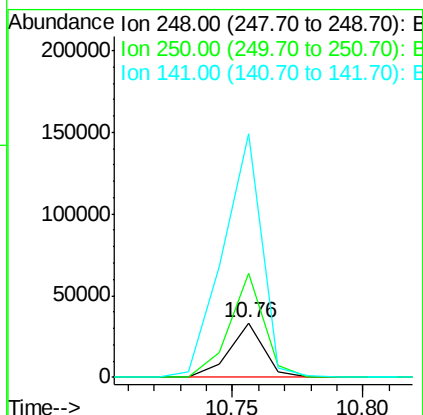
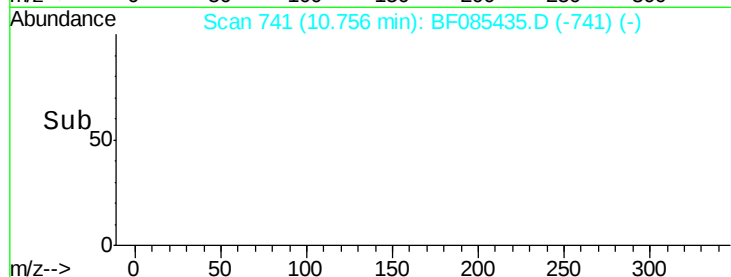
141 447.5 66.2 99.2#



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: BF085435.D

Acq: 14 Mar 2016 18:10

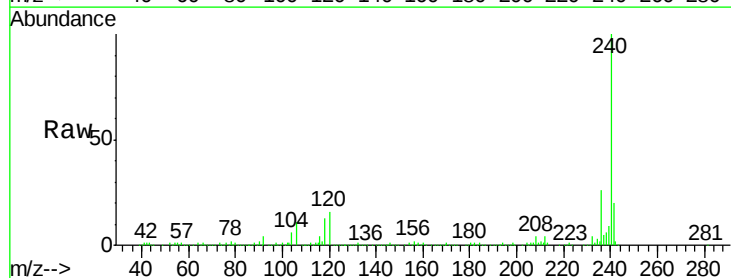
Tgt Ion:240 Resp: 301512

Ion Ratio Lower Upper

240 100

120 15.9 5.3 7.9#

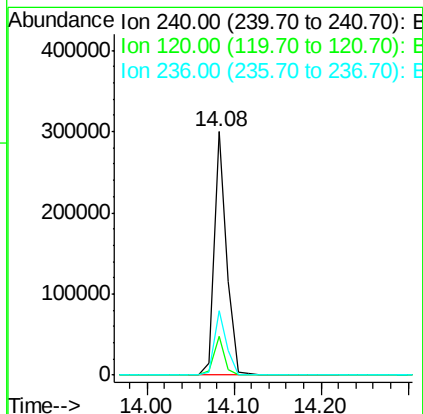
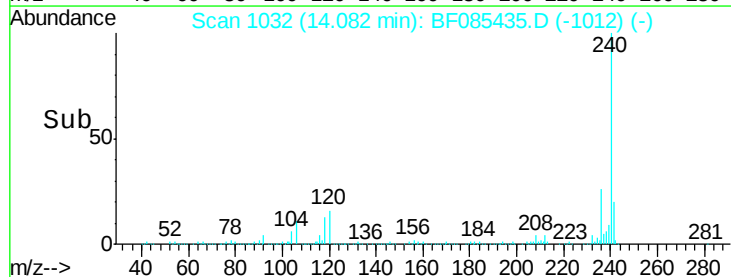
236 26.3 20.7 31.1

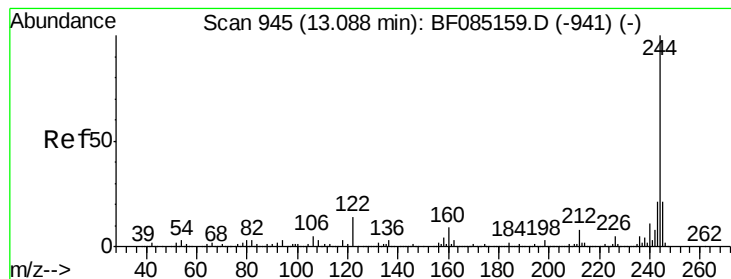


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

TRACK-D-STOCKPICE-COMP2

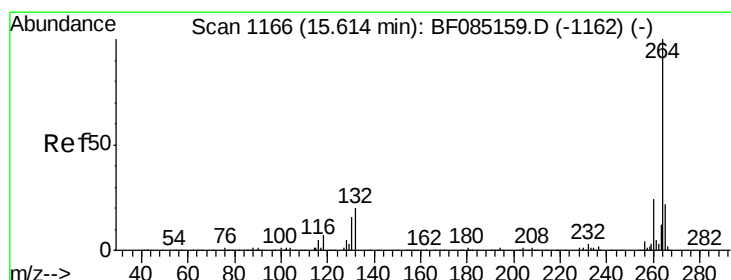
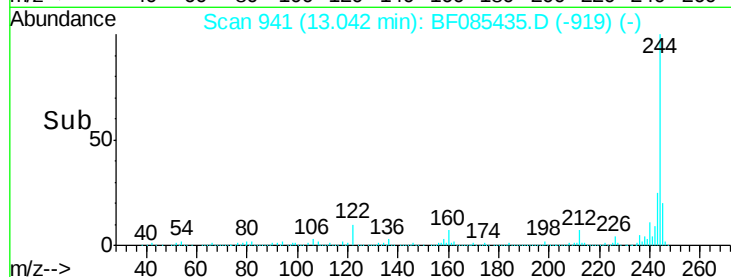
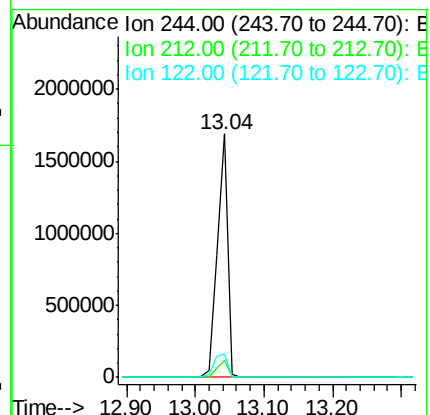
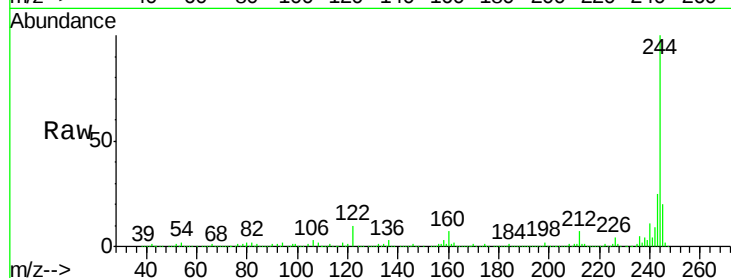
Tgt Ion:244 Resp: 1795398

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

Tgt Ion:264 Resp: 270550

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.6 17.3 25.9

