

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082856.D
 Acq On : 10 Nov 2015 6:11
 Operator : UM/IZ
 Sample : G4275-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-10L

Quant Time: Nov 10 06:51:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

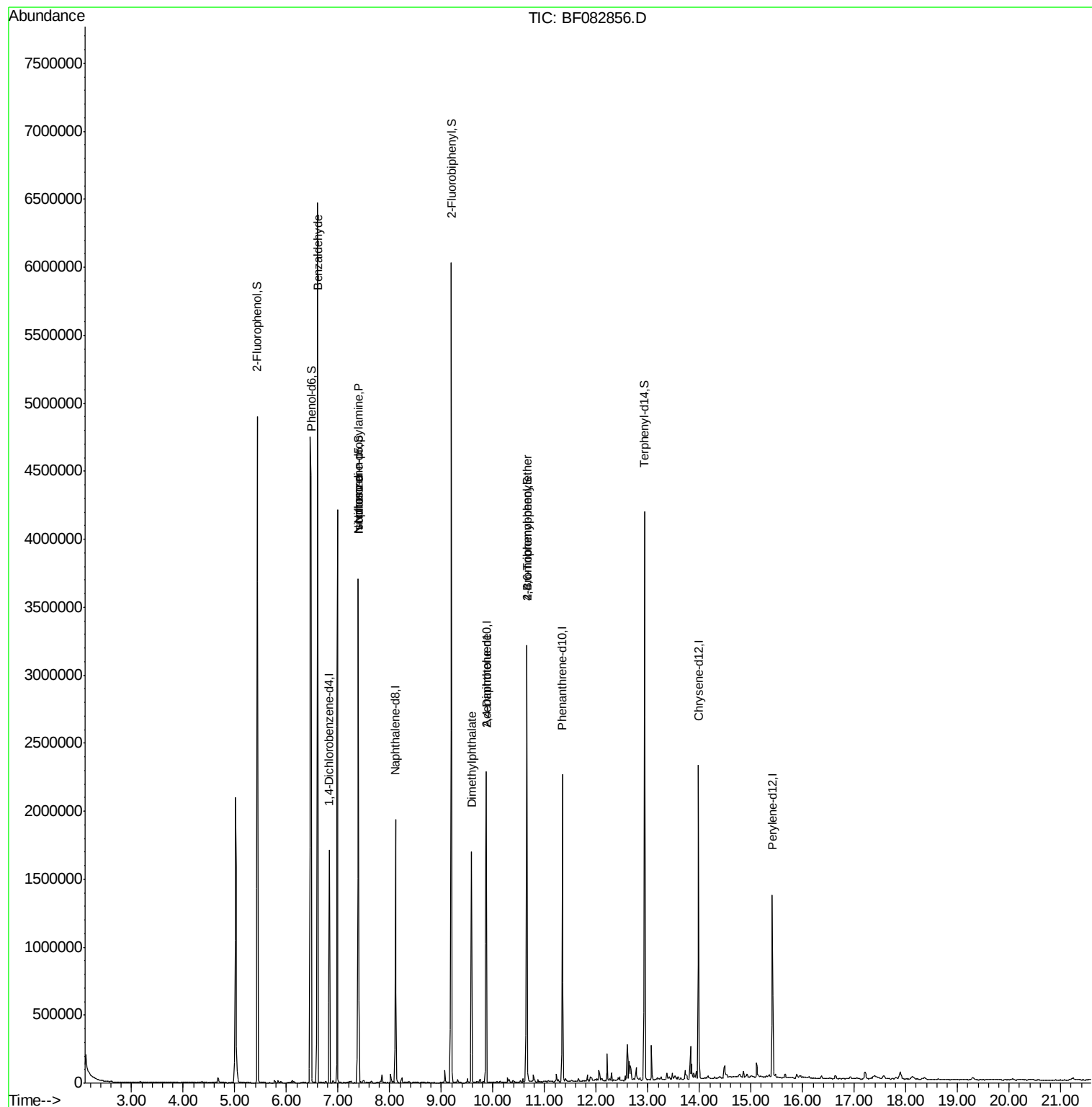
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	263349	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	925812	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	506083	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	862604	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	809468	20.00	ng	-0.03
86) Perylene-d12	15.41	264	628321	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1962665	115.96	ng	-0.01
7) Phenol-d6	6.48	99	2722623	121.00	ng	0.00
23) Nitrobenzene-d5	7.39	82	1452588	68.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	527129	90.84	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1987402	56.28	ng	-0.02
78) Terphenyl-d14	12.93	244	1689959	49.52	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.60	77	51677	4.16	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.39	70	195643	11.83	ng	# 70
25) Isophorone	7.39	82	1408182	35.77	ng	# 69
49) Dimethylphthalate	9.58	163	634416	15.30	ng	99
56) 2,4-Dinitrotoluene	9.87	165	65709	5.47	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	36549	3.52	ng	# 1

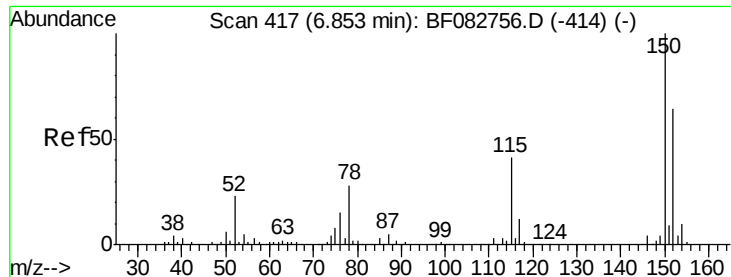
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082856.D

Acq: 10 Nov 2015 6:11

Instrument :

BNA_F

ClientSampleId :

T-10L

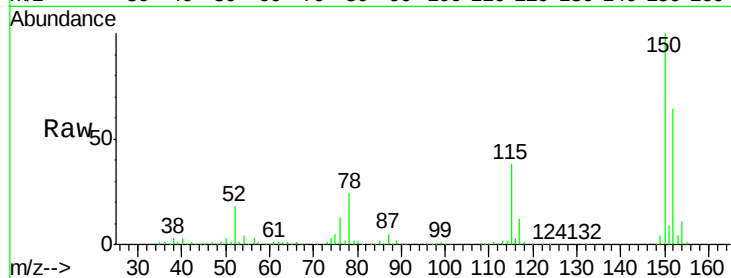
Tot Ion:152 Resp: 263349

Ion Ratio Lower Upper

152 100

150 157.1 127.0 190.4

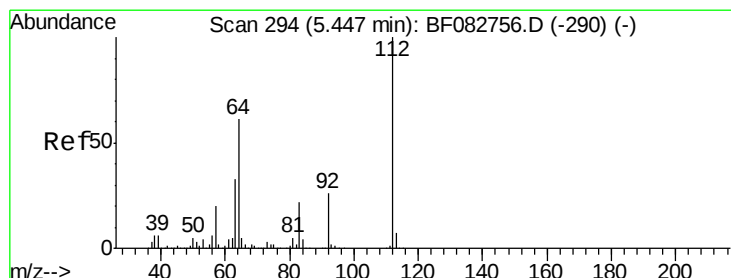
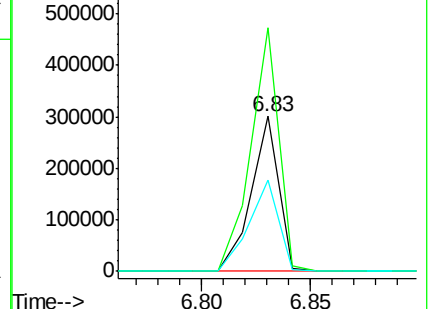
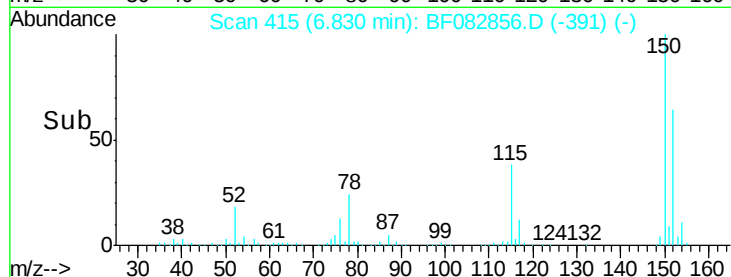
115 58.9 47.0 70.6



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: 115.96 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082856.D

Acq: 10 Nov 2015 6:11

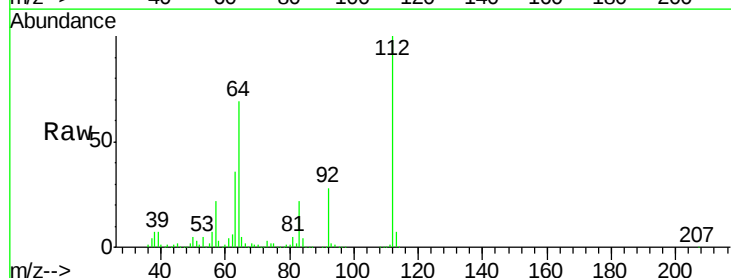
Tgt Ion:112 Resp: 1962665

Ion Ratio Lower Upper

112 100

64 69.1 48.9 73.3

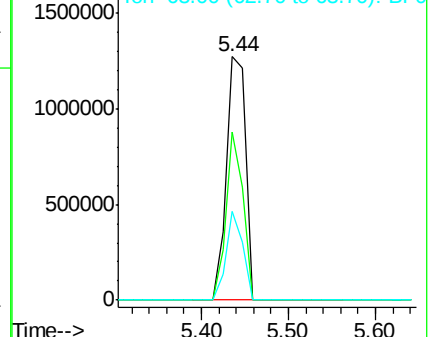
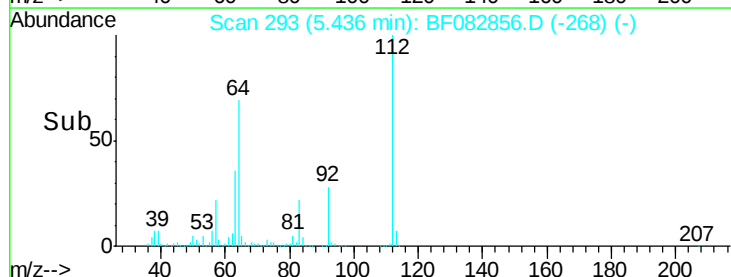
63 36.3 28.1 42.1

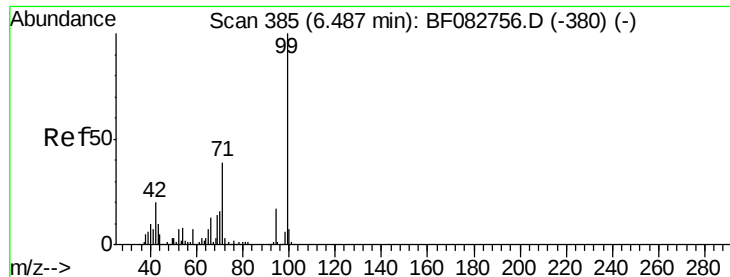


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.00 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082856.D

Acq: 10 Nov 2015 6:11

Instrument :

BNA_F

ClientSampled :

T-10L

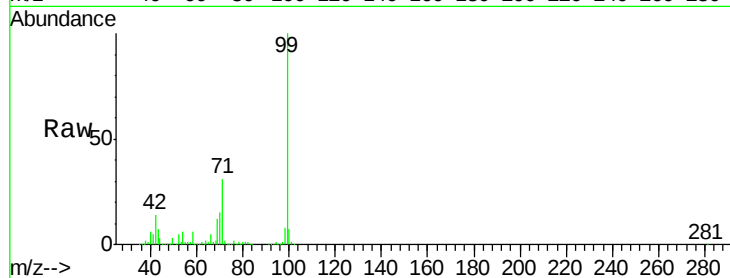
Tot Ion: 99 Resp: 2722623

Ion Ratio Lower Upper

99 100

42 14.1 19.2 28.8#

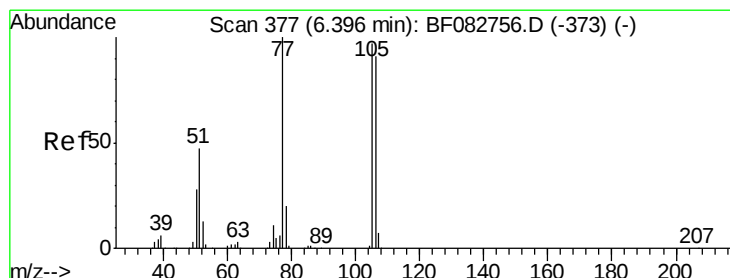
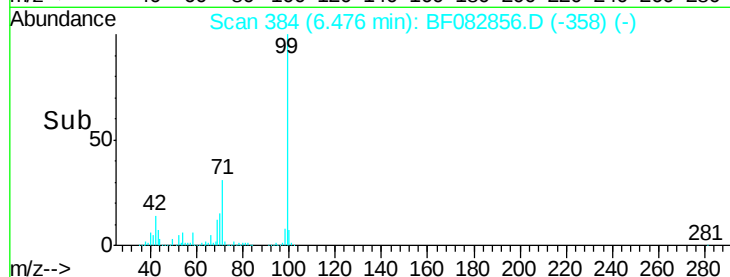
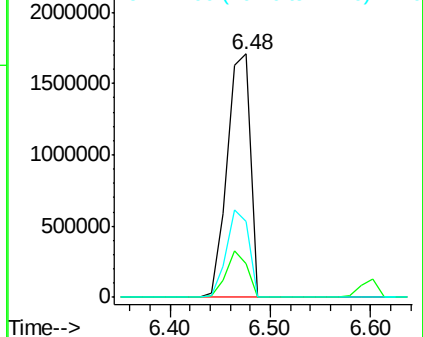
71 31.3 35.0 52.4#



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: 4.16 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082856.D

Acq: 10 Nov 2015 6:11

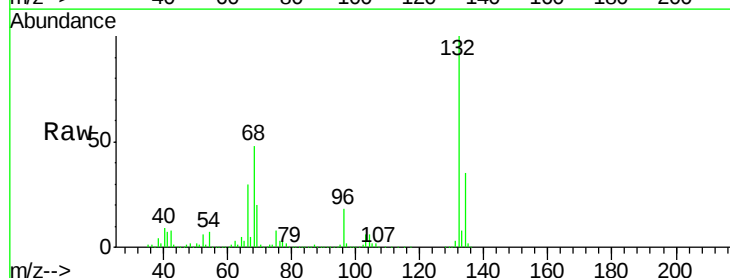
Tgt Ion: 77 Resp: 51677

Ion Ratio Lower Upper

77 100

105 76.2 63.5 103.5

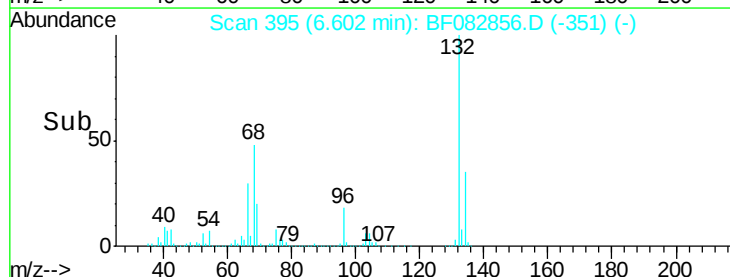
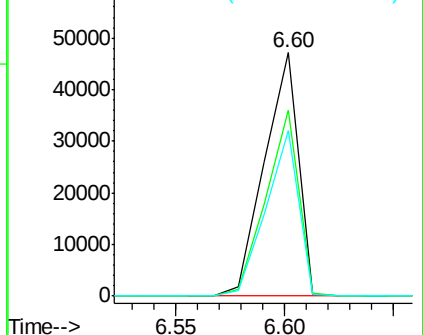
106 68.2 59.3 99.3

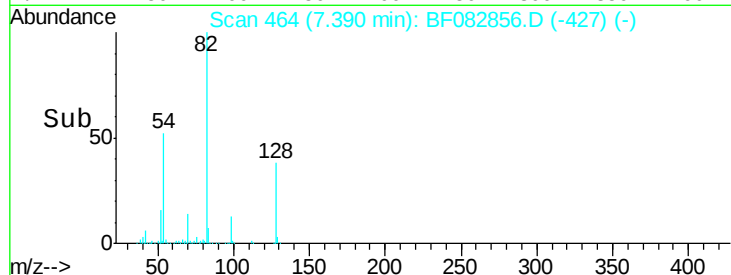
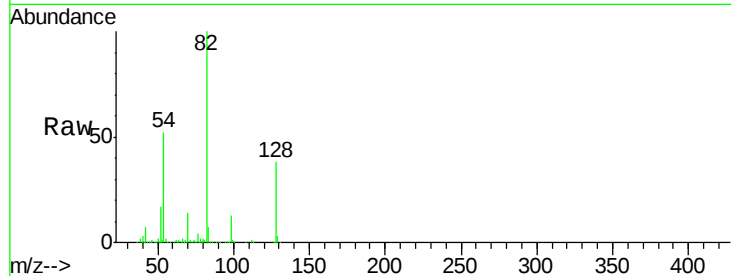


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

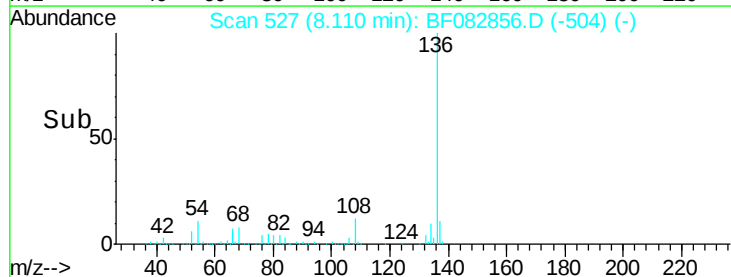
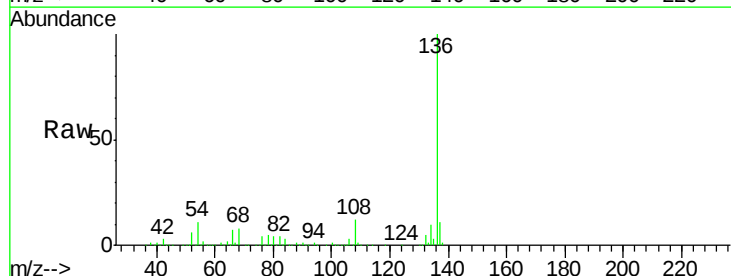
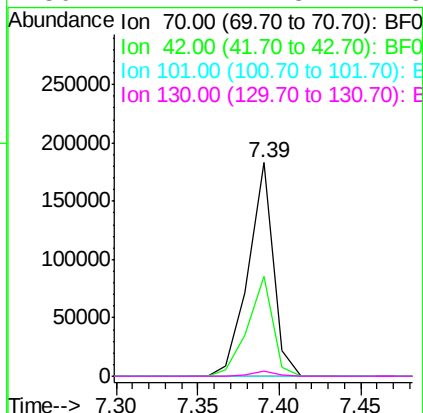




#19
n-Nitroso-di-n-propylamine
Concen: 11.83 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082856.D
Acq: 10 Nov 2015 6:11

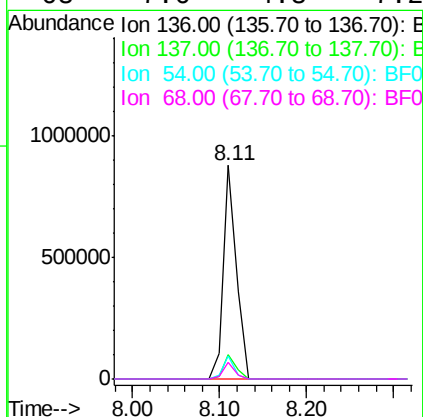
Instrument :
BNA_F
ClientSampled :
T-10L

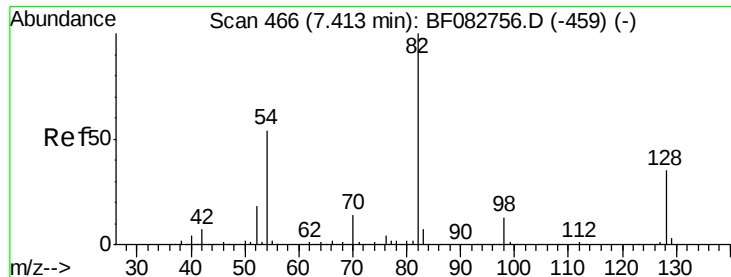
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	57.7	86.5#
101	0.0	7.0	10.6#
130	2.1	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082856.D
Acq: 10 Nov 2015 6:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.7	9.1	13.7
68	7.6	4.8	7.2#

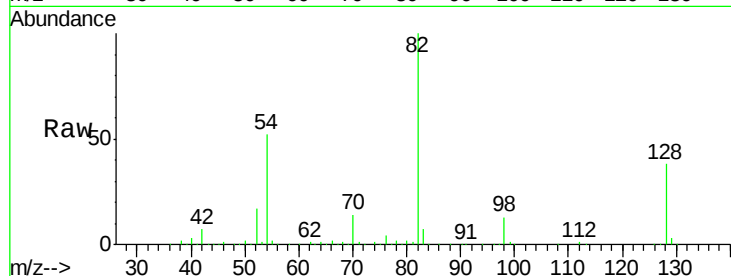




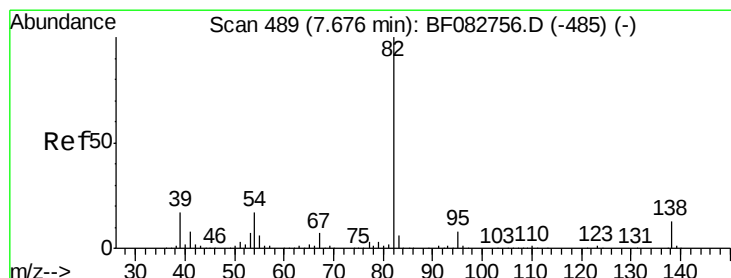
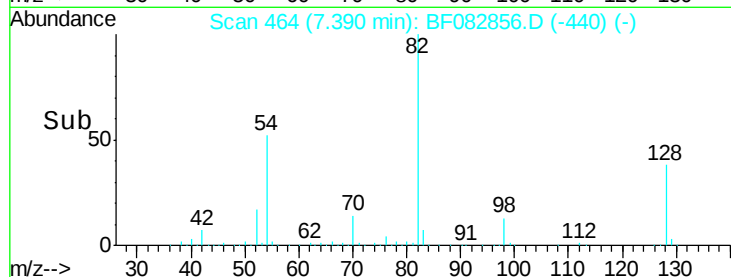
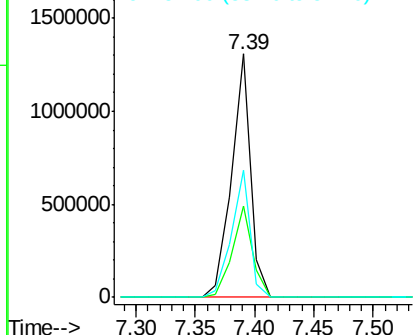
#23
Nitrobenzene-d5
Concen: 68.27 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082856.D
Acq: 10 Nov 2015 6:11

Instrument :
BNA_F
ClientSampleId :
T-10L

Tot Ion: 82 Resp: 1452588
Ion Ratio Lower Upper
82 100
128 37.7 26.8 40.2
54 52.0 45.7 68.5

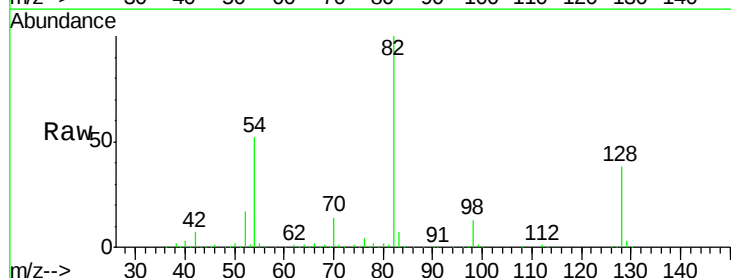


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

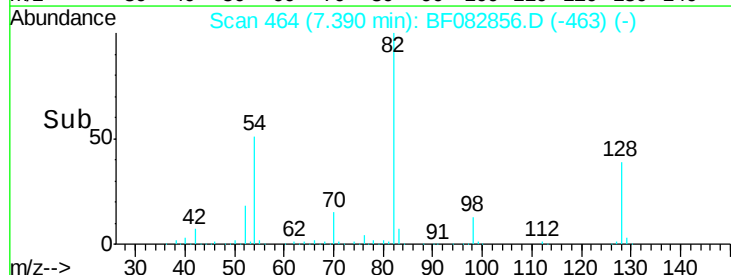
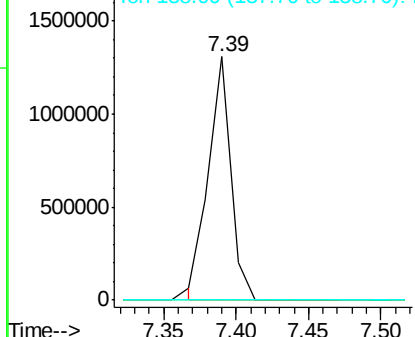


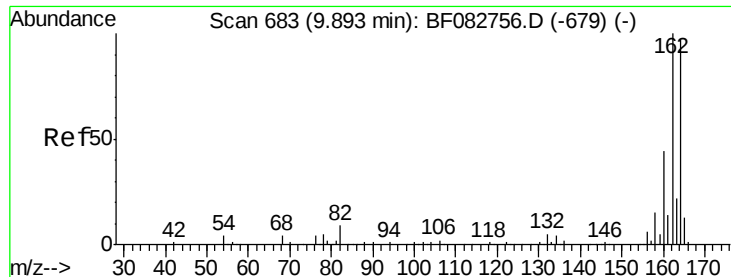
#25
Isophorone
Concen: 35.77 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.29 min
Lab File: BF082856.D
Acq: 10 Nov 2015 6:11

Tgt Ion: 82 Resp: 1408182
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 11.4 17.0#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF082856.D

Acq: 10 Nov 2015 6:11

Instrument :

BNA_F

ClientSampleId :

T-10L

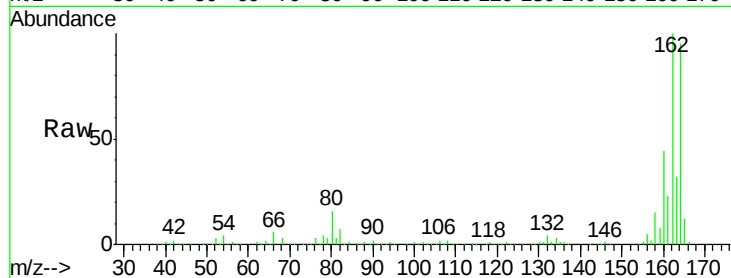
Tot Ion:164 Resp: 506083

Ion Ratio Lower Upper

164 100

162 105.0 84.9 127.3

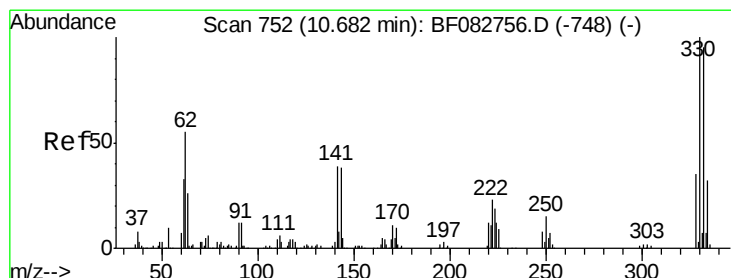
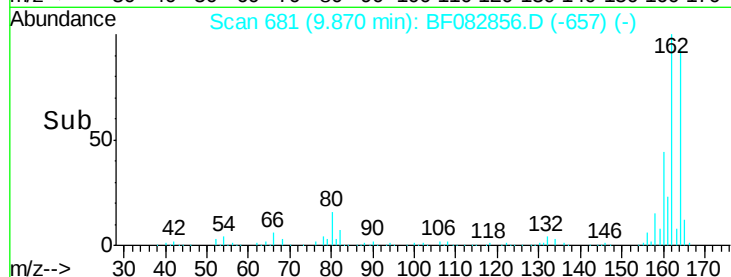
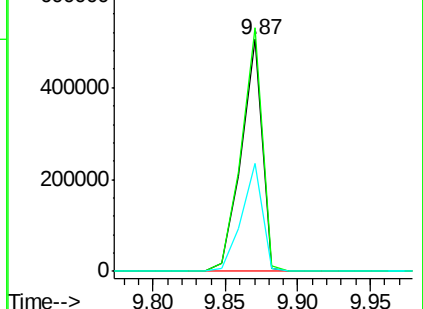
160 46.6 37.5 56.3



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: 90.84 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF082856.D

Acq: 10 Nov 2015 6:11

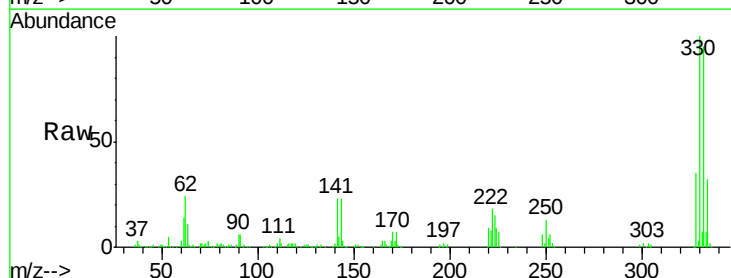
Tgt Ion:330 Resp: 527129

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

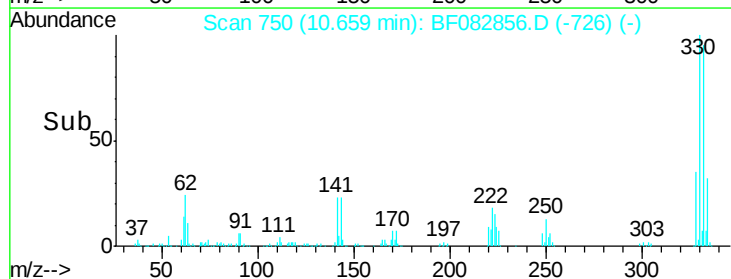
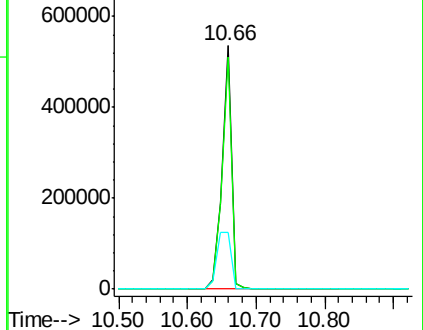
141 35.2 41.2 61.8#

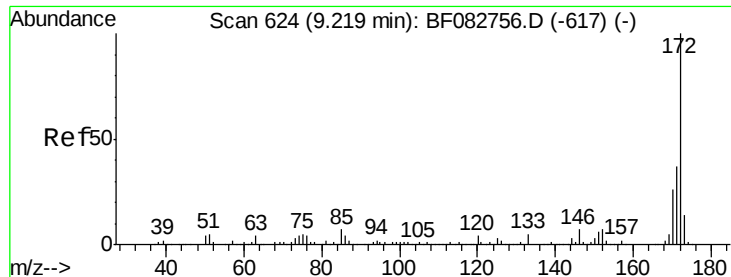


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



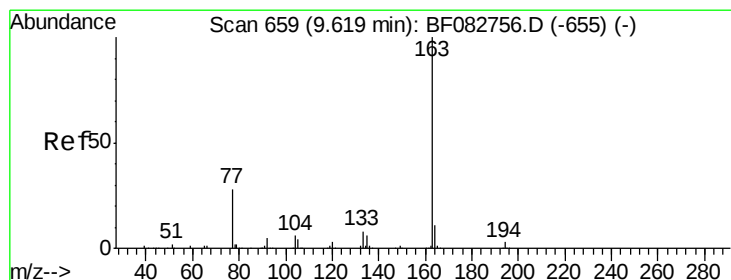
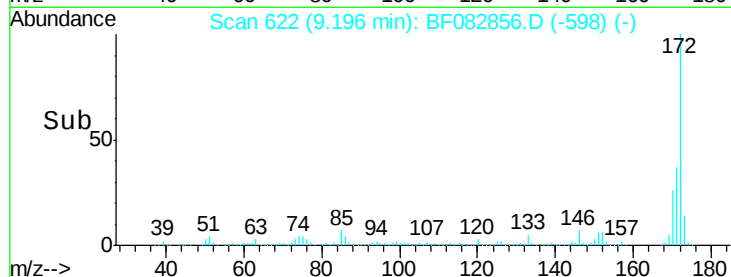
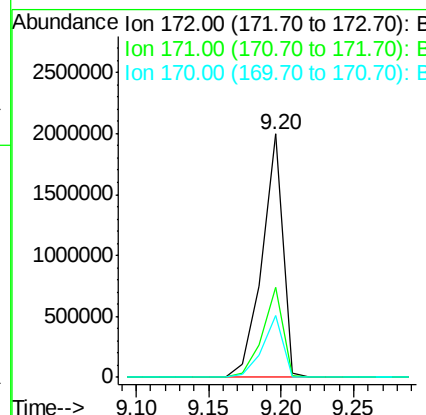
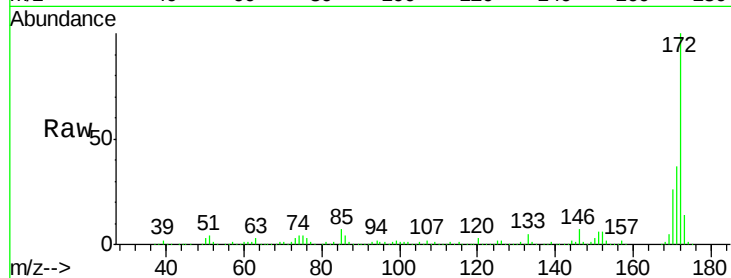


#44
 2-Fluorobiphenyl
 Concen: 56.28 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082856.D
 Acq: 10 Nov 2015 6:11

Instrument :
 BNA_F
 ClientSampled :
 T-10L

Tot Ion:172 Resp: 1987402

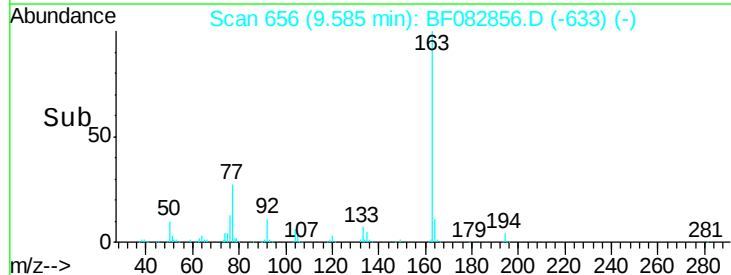
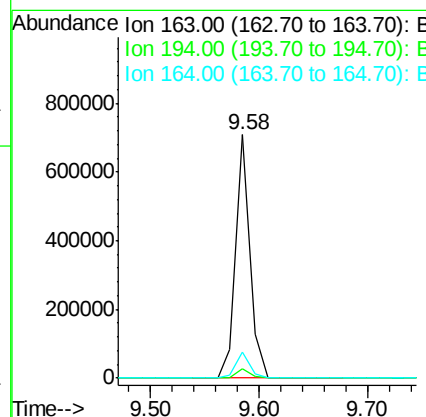
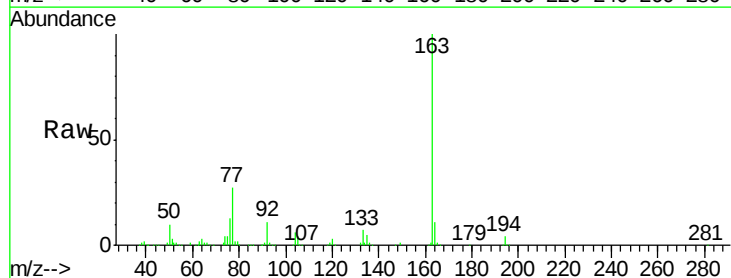
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.7	21.2	31.8

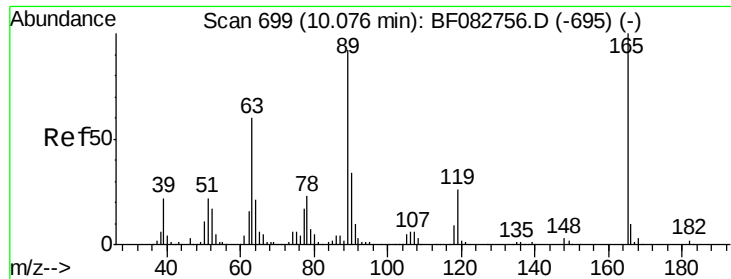


#49
 Dimethylphthalate
 Concen: 15.30 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082856.D
 Acq: 10 Nov 2015 6:11

Tgt Ion:163 Resp: 634416

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.6	8.7	13.1

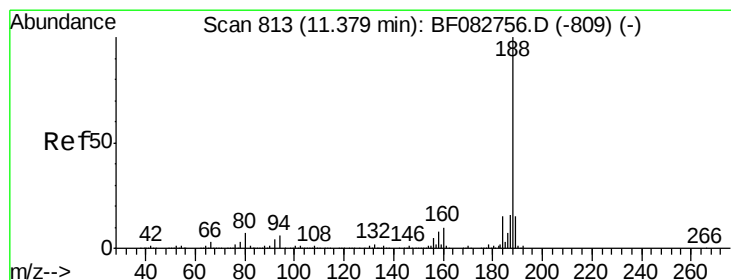
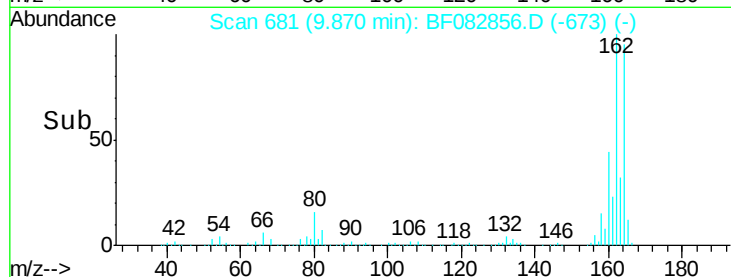
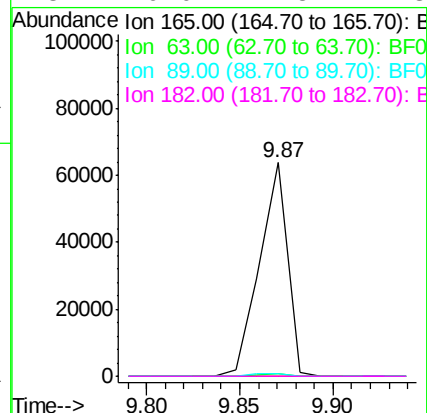
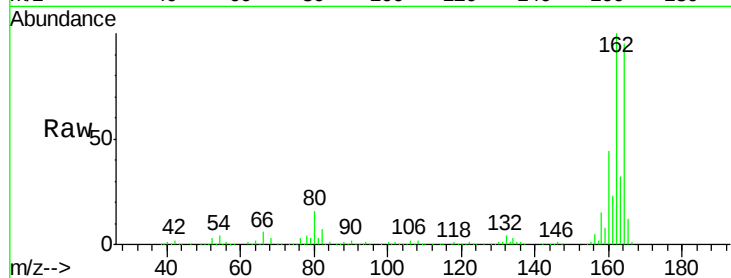




#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.21 min
Lab File: BF082856.D
Acq: 10 Nov 2015 6:11

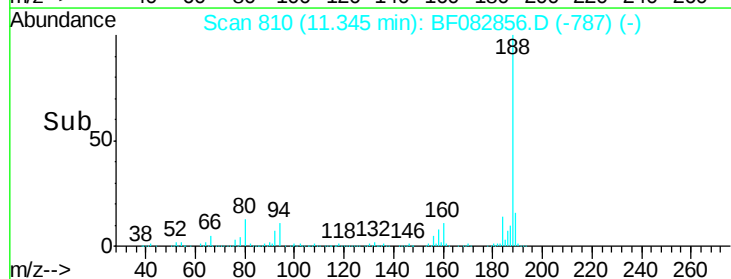
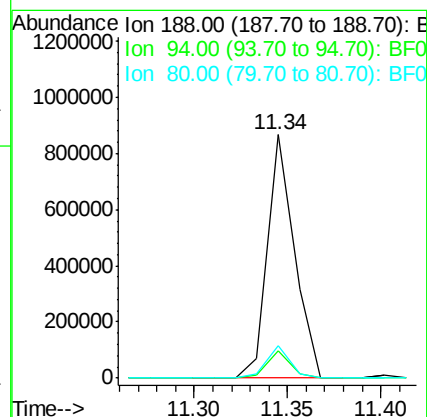
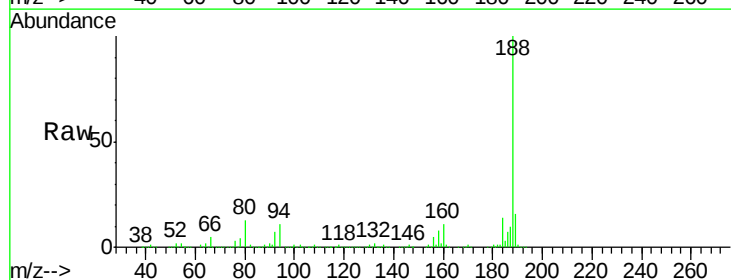
Instrument :
BNA_F
ClientSampleId :
T-10L

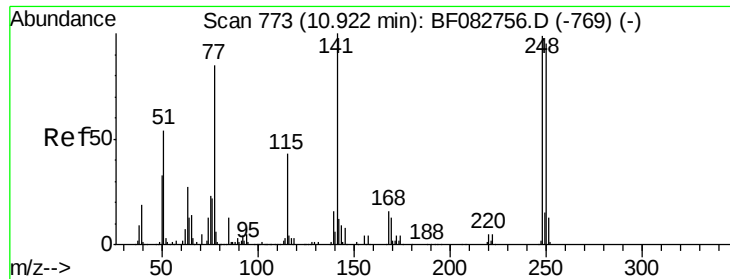
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082856.D
Acq: 10 Nov 2015 6:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.1	9.1#
80	13.5	7.0	10.6#

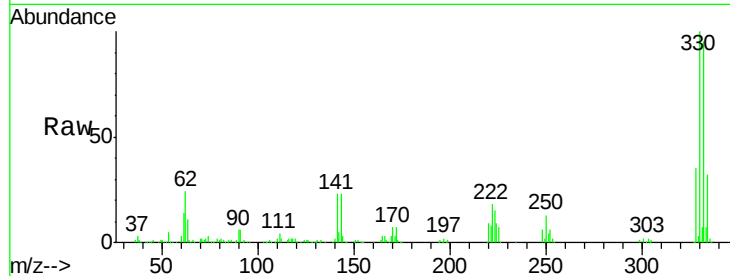




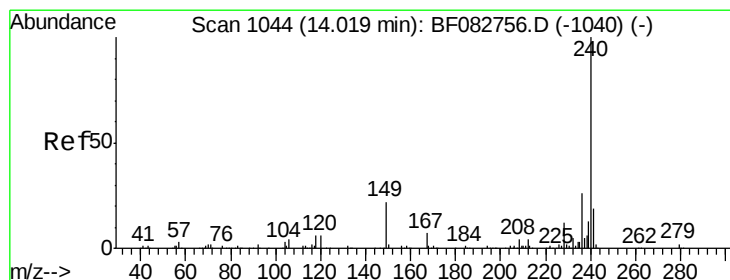
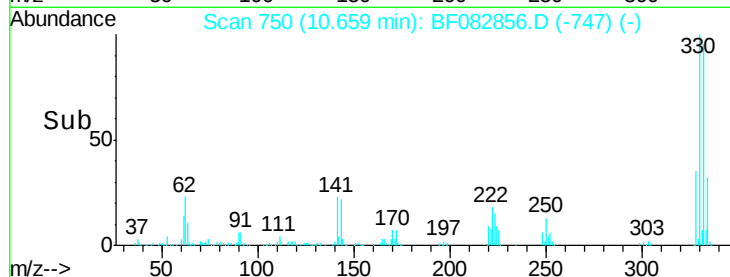
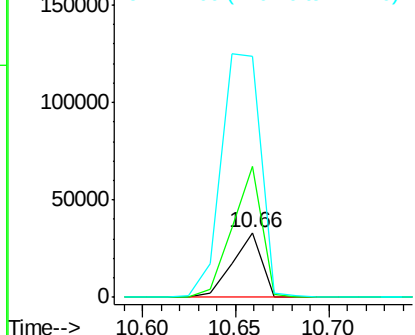
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.26 min
Lab File: BF082856.D
Acq: 10 Nov 2015 6:11

Instrument :
BNA_F
ClientSampleId :
T-10L

Tot Ion:248 Resp: 36549
Ion Ratio Lower Upper
248 100
250 202.8 79.4 119.2#
141 373.7 36.3 54.5#

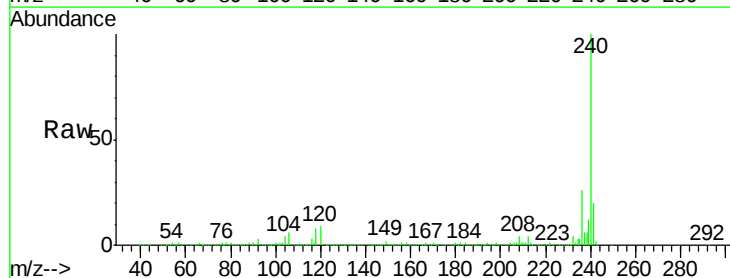


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

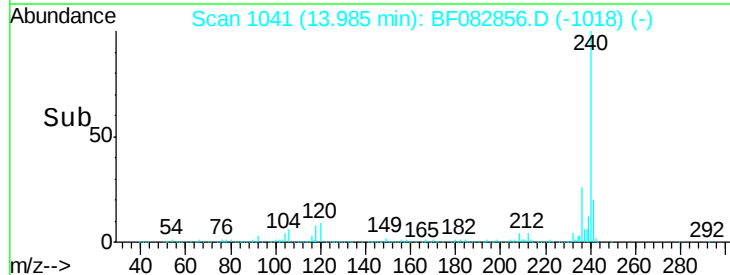
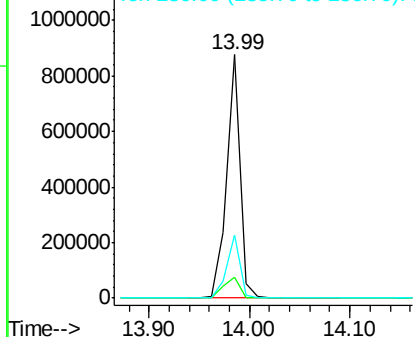


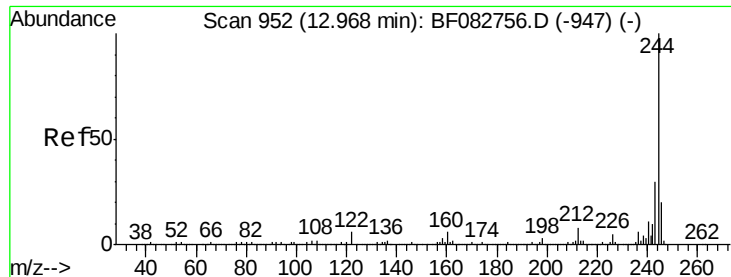
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082856.D
Acq: 10 Nov 2015 6:11

Tgt Ion:240 Resp: 809468
Ion Ratio Lower Upper
240 100
120 8.8 10.9 16.3#
236 25.8 21.6 32.4



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: 49.52 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082856.D

Acq: 10 Nov 2015 6:11

Instrument :

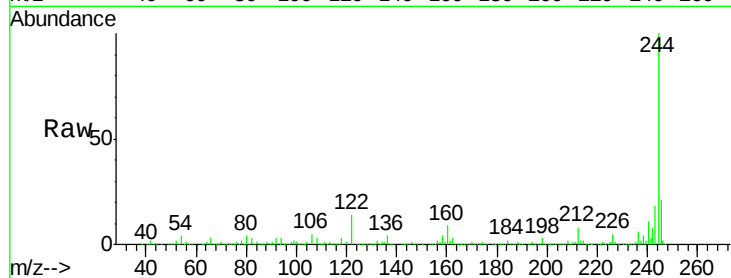
BNA_F

ClientSampleId :

T-10L

Tot Ion:244 Resp: 1689959

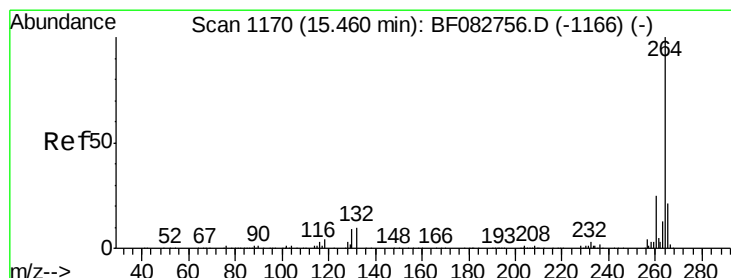
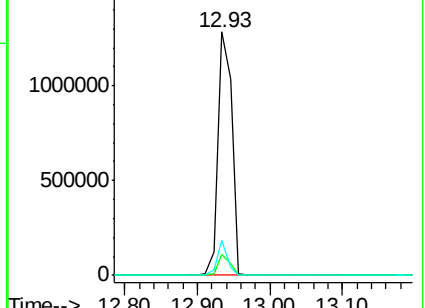
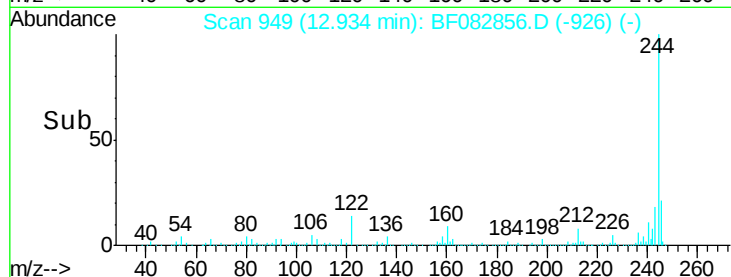
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.6	11.4
122	14.2	11.3	16.9



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: 15.41 min Scan# 1166

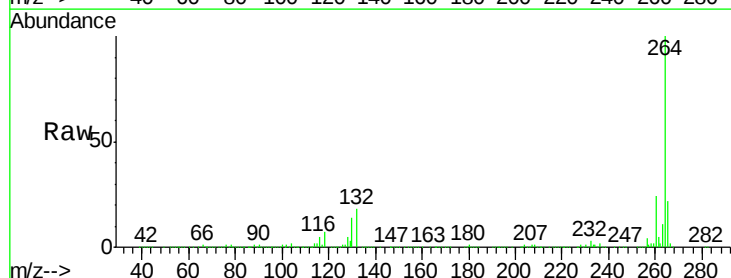
Delta R.T. -0.05 min

Lab File: BF082856.D

Acq: 10 Nov 2015 6:11

Tgt Ion:264 Resp: 628321

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	22.0	17.4	26.0



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

