

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082886.D
 Acq On : 10 Nov 2015 23:11
 Operator : UM/IZ
 Sample : G4306-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-2

Quant Time: Nov 13 17:37:42 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

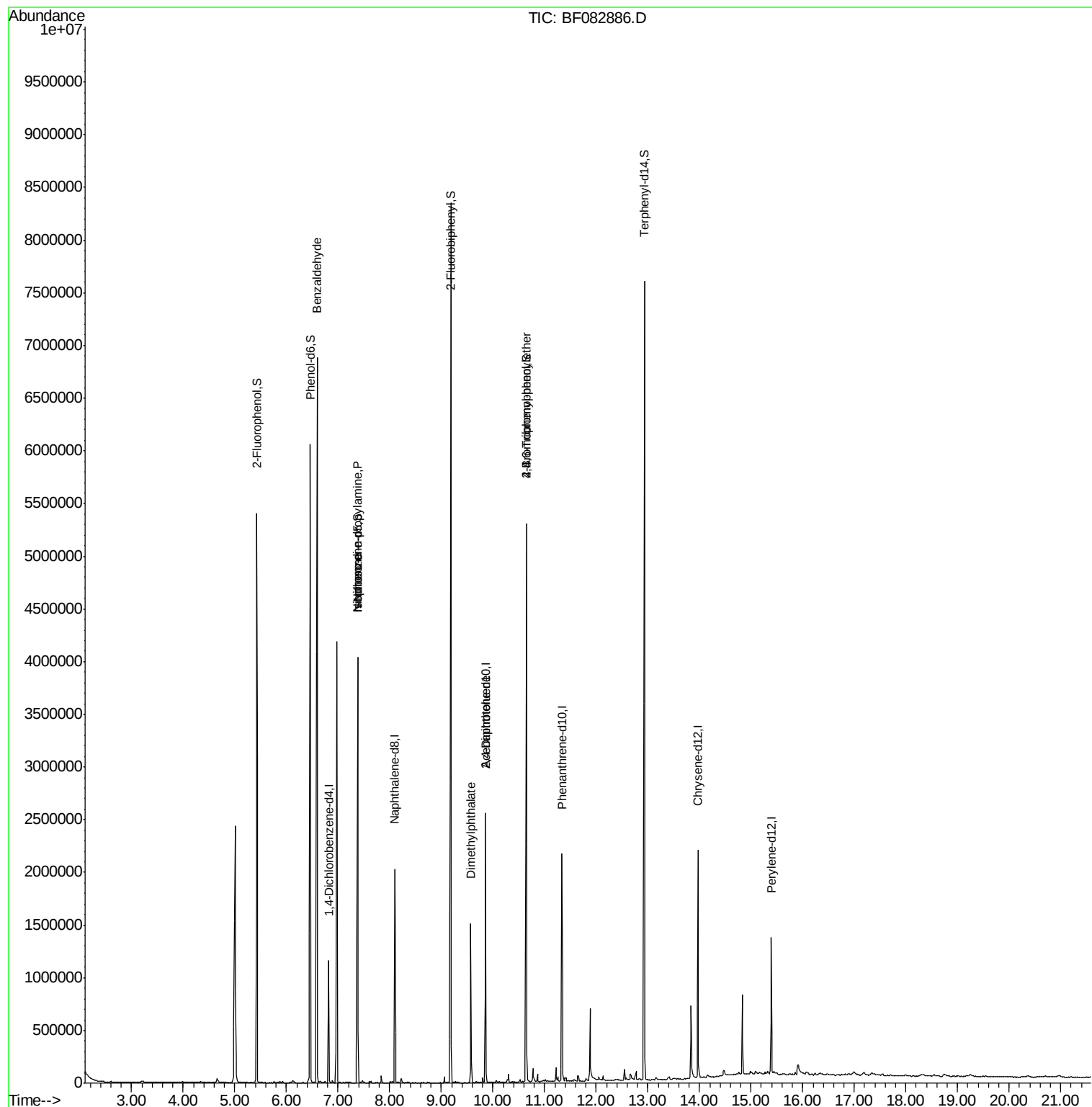
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	242522	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	900955	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	523352	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	866906	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	745582	20.00	ng	-0.05
86) Perylene-d12	15.39	264	571697	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2018950	129.53	ng	-0.02
7) Phenol-d6	6.46	99	2924466	141.13	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1617732	78.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	599651	99.93	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2508071	68.69	ng	-0.03
78) Terphenyl-d14	12.93	244	2482596	78.98	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	58551	5.11	ng	88
19) n-Nitroso-di-n-propylamine	7.38	70	223946	14.70	ng	# 70
25) Isophorone	7.38	82	1569243	40.96	ng	# 69
49) Dimethylphthalate	9.57	163	536774	12.52	ng	99
56) 2,4-Dinitrotoluene	9.86	165	69617	5.61	ng	# 15
66) 4-Bromophenyl-phenylether	10.65	248	43055	4.12	ng	# 1

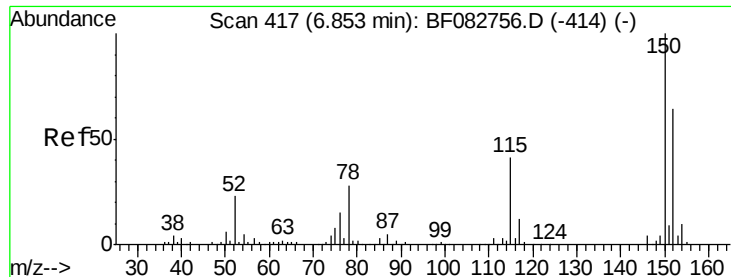
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

Instrument :

BNA_F

ClientSampled :

E2-2

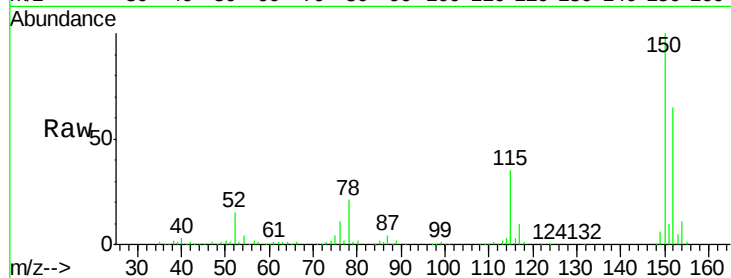
Tgt Ion:152 Resp: 242522

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

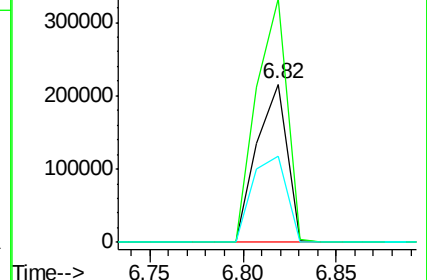
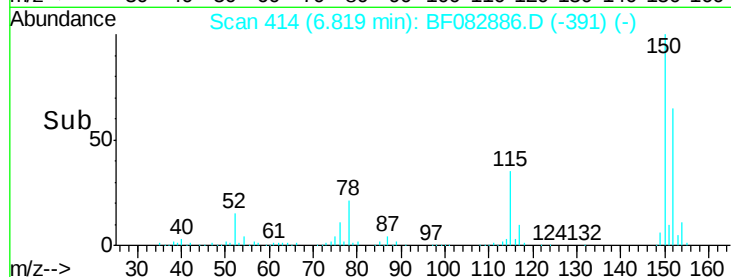
115 54.5 47.0 70.6



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: 129.53 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

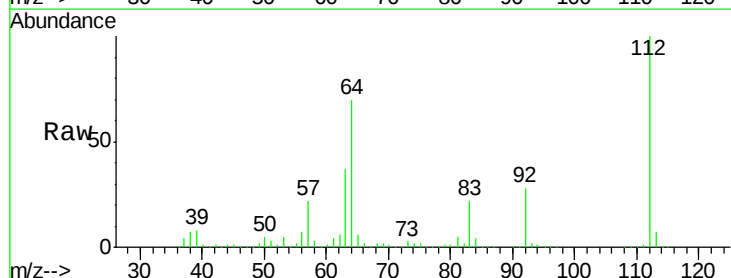
Tgt Ion:112 Resp: 2018950

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

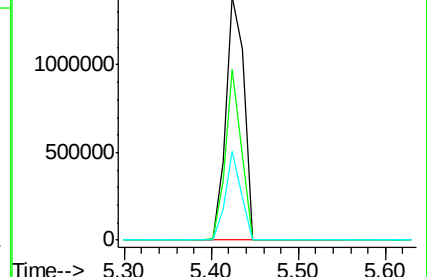
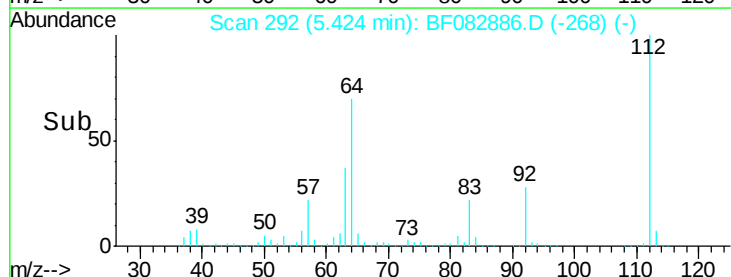
63 36.5 28.1 42.1

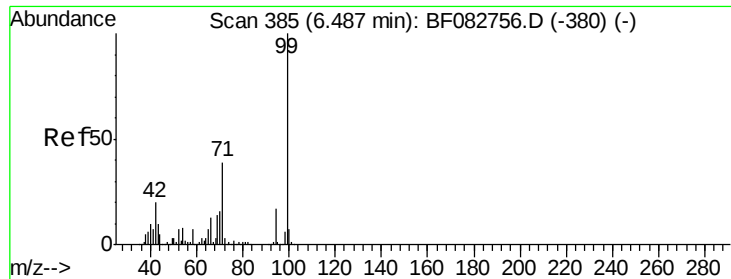


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.13 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

Instrument :

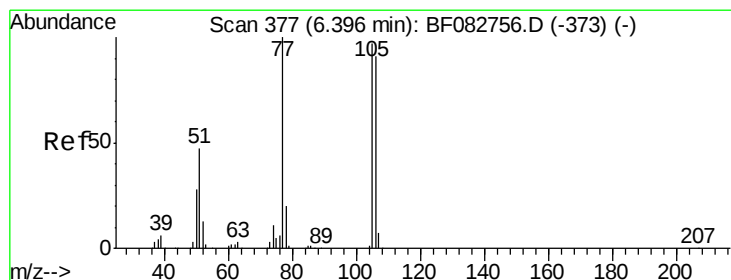
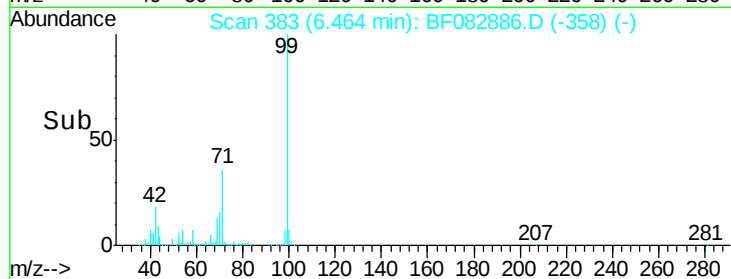
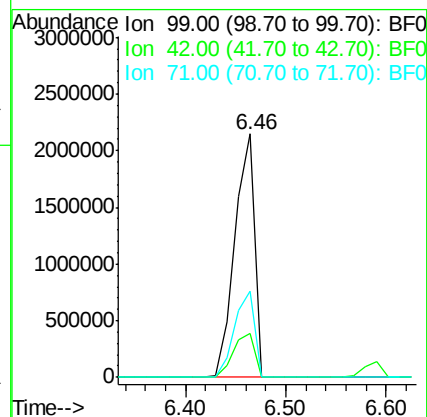
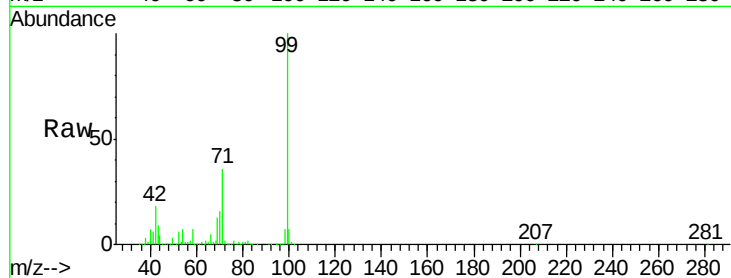
BNA_F

ClientSampled :

E2-2

Tgt Ion: 99 Resp: 2924466

Ion	Ratio	Lower	Upper
99	100		
42	17.9	19.2	28.8#
71	35.6	35.0	52.4



#9

Benzaldehyde

Concen: 5.11 ng

RT: 6.59 min Scan# 394

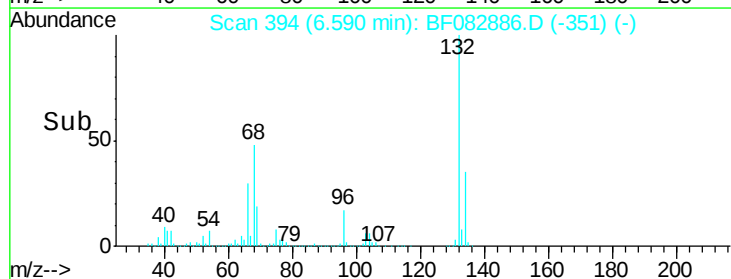
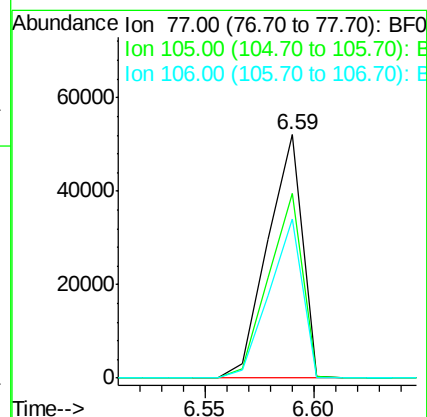
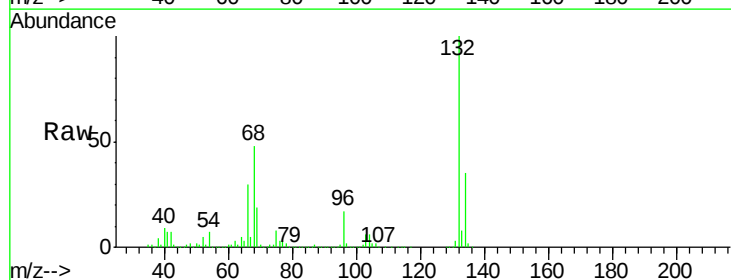
Delta R.T. 0.20 min

Lab File: BF082886.D

Acq: 10 Nov 2015 23:11

Tgt Ion: 77 Resp: 58551

Ion	Ratio	Lower	Upper
77	100		
105	75.9	63.5	103.5
106	65.2	59.3	99.3

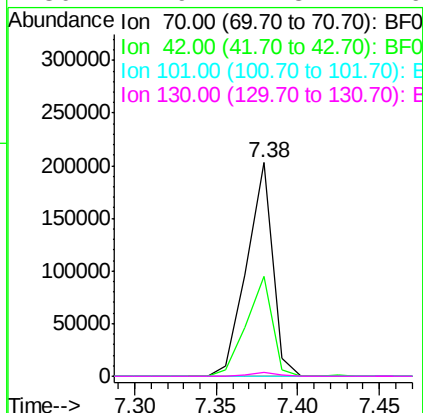
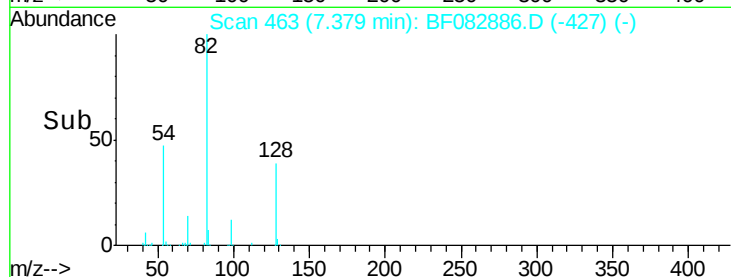
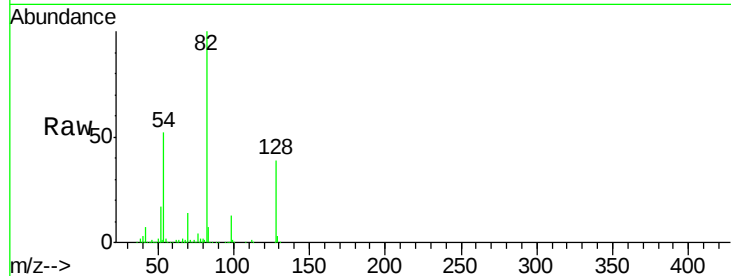




#19
n-Nitroso-di-n-propylamine
Concen: 14.70 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.11 min
Lab File: BF082886.D
Acq: 10 Nov 2015 23:11

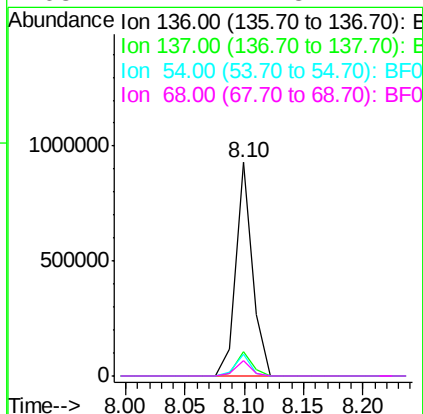
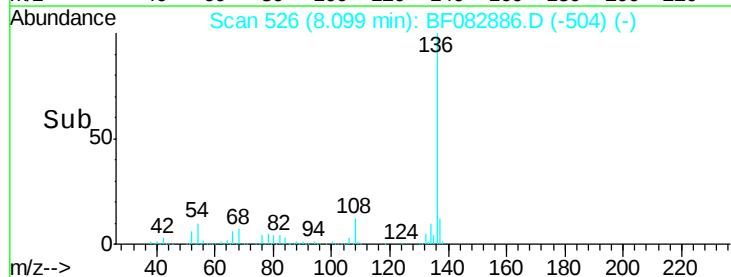
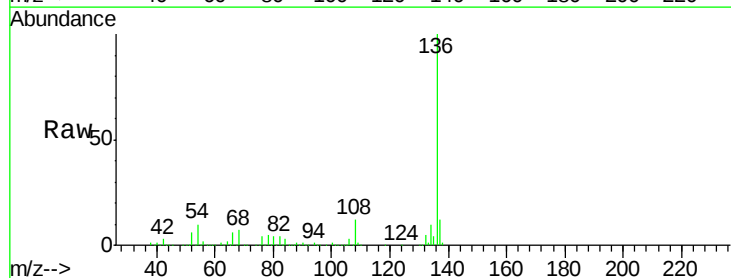
Instrument :
BNA_F
ClientSampleId :
E2-2

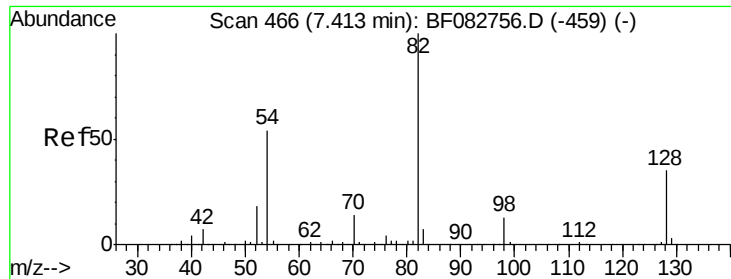
Tgt Ion:	70	Resp:	223946
Ion	Ratio	Lower	Upper
70	100		
42	46.8	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082886.D
Acq: 10 Nov 2015 23:11

Tgt Ion:	136	Resp:	900955
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.4	9.1	13.7
68	7.4	4.8	7.2#

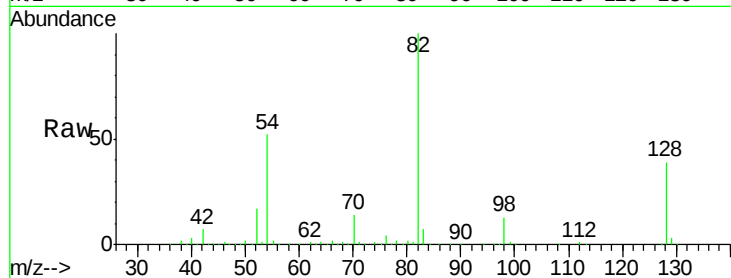




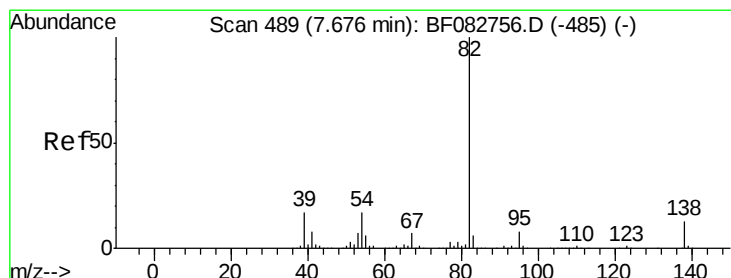
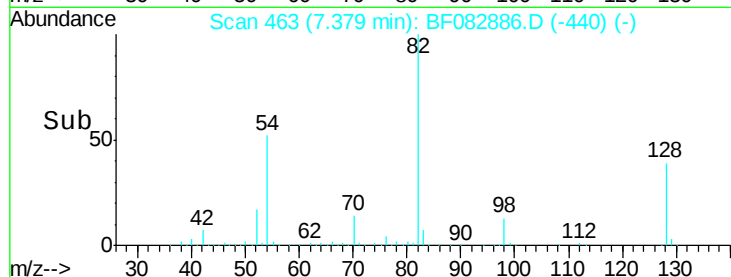
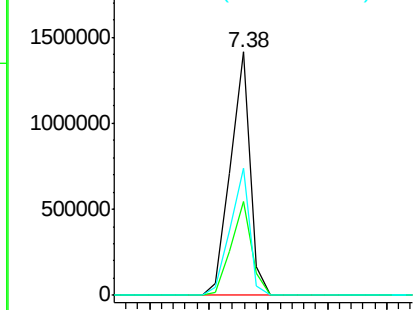
#23
 Nitrobenzene-d5
 Concen: 78.13 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Instrument :
 BNA_F
 ClientSampled :
 E2-2

Tgt Ion: 82 Resp: 1617732
 Ion Ratio Lower Upper
 82 100
 128 38.6 26.8 40.2
 54 52.0 45.7 68.5

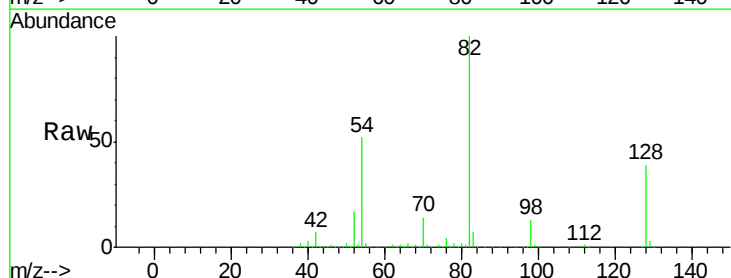


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

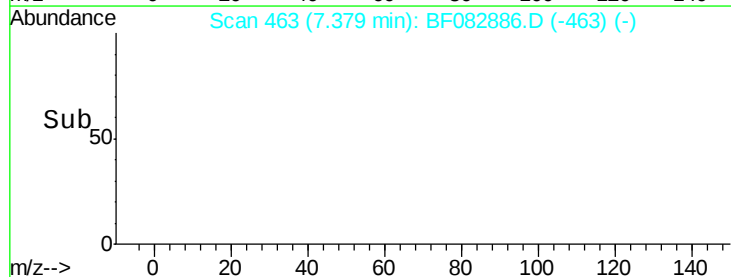
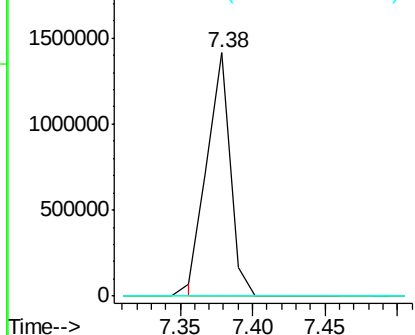


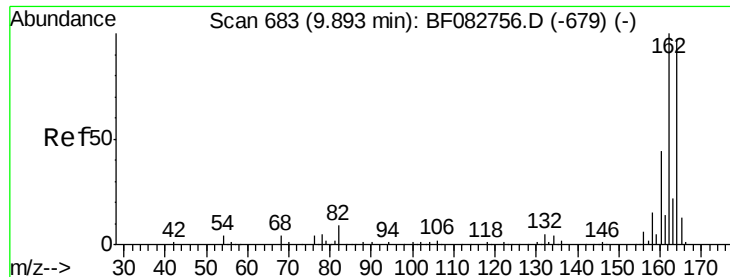
#25
 Isophorone
 Concen: 40.96 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.30 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Tgt Ion: 82 Resp: 1569243
 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

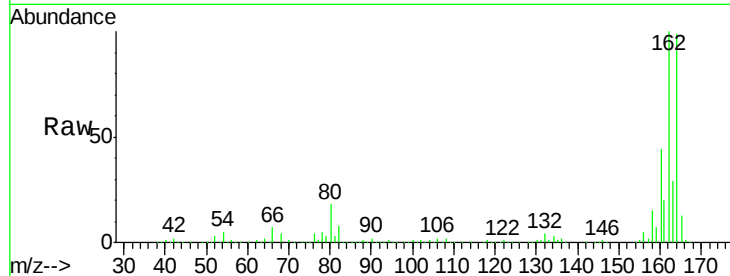




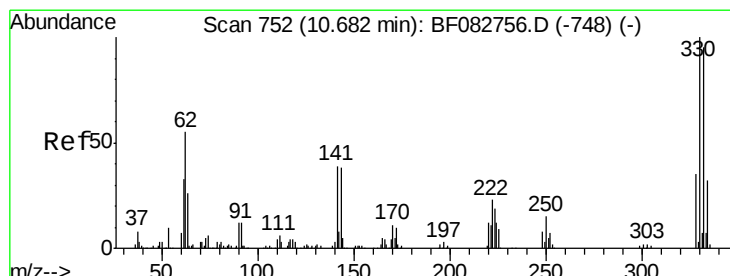
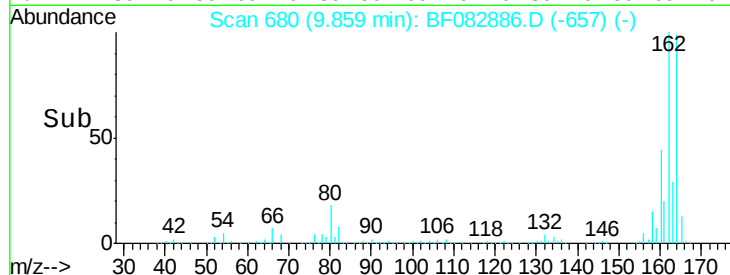
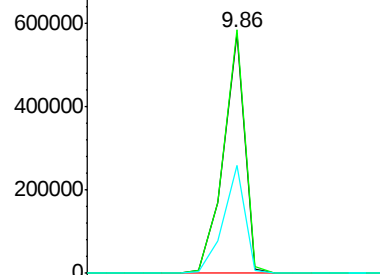
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-2

Tgt Ion:164 Resp: 523352
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.9 127.3
 160 44.9 37.5 56.3

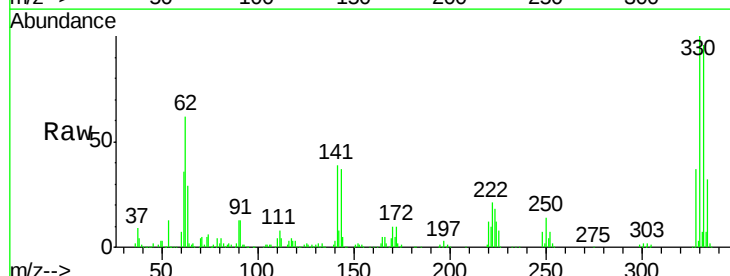


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

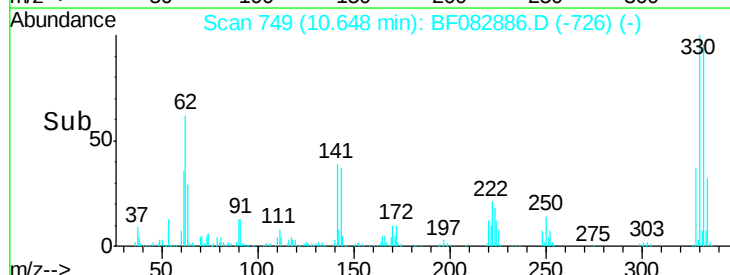
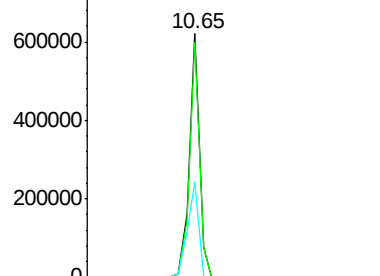


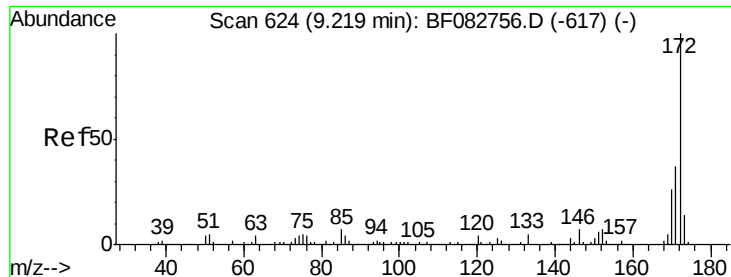
#41
 2,4,6-Tribromophenol
 Concen: 99.93 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Tgt Ion:330 Resp: 599651
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 42.6 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

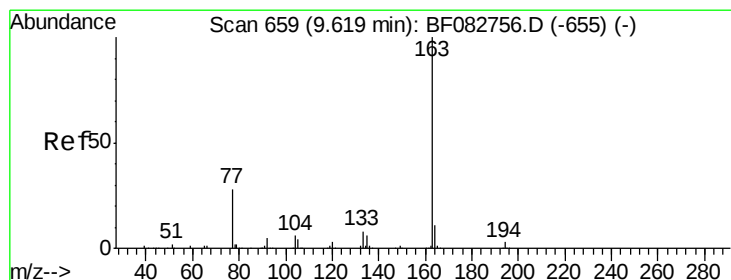
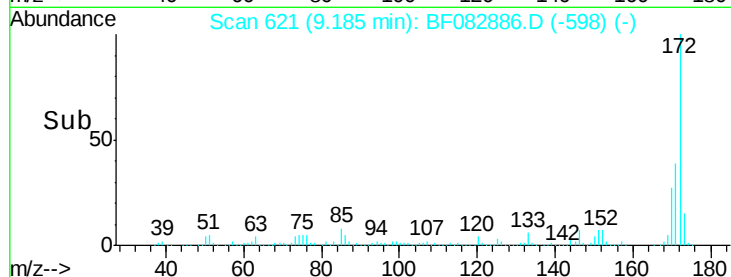
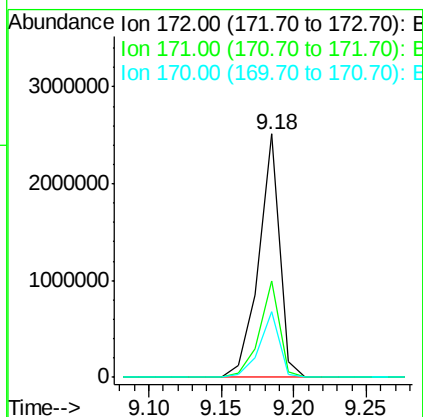
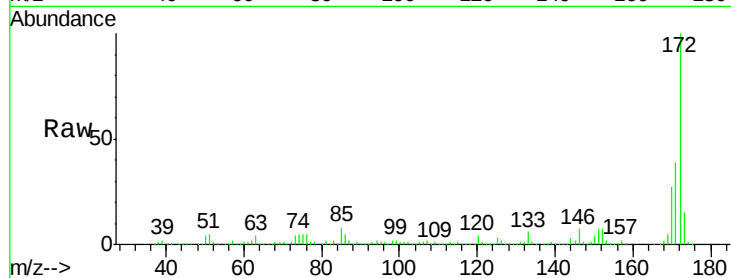




#44
2-Fluorobiphenyl
Concen: 68.69 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF082886.D
Acq: 10 Nov 2015 23:11

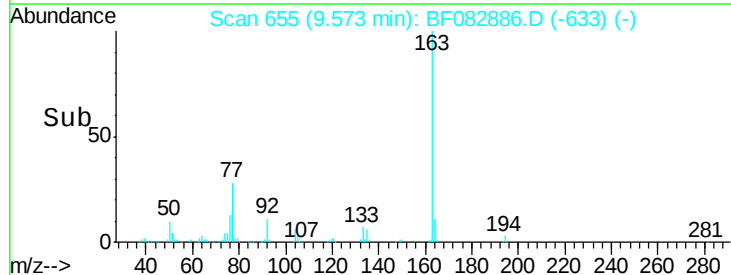
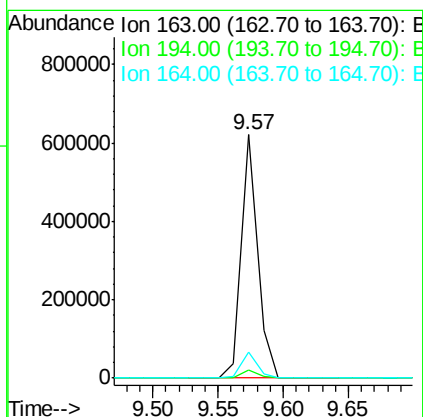
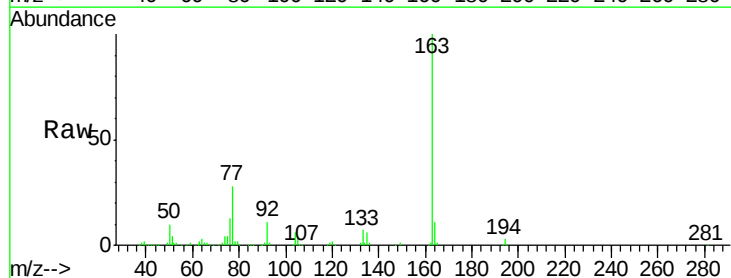
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E2-2

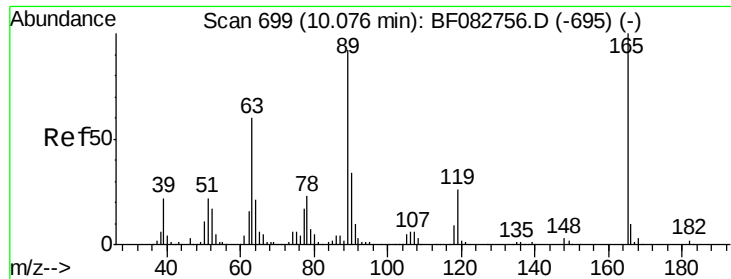
Tgt Ion:172 Resp: 2508071
Ion Ratio Lower Upper
172 100
171 39.4 30.8 46.2
170 27.0 21.2 31.8



#49
Dimethylphthalate
Concen: 12.52 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082886.D
Acq: 10 Nov 2015 23:11

Tgt Ion:163 Resp: 536774
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.7 13.1

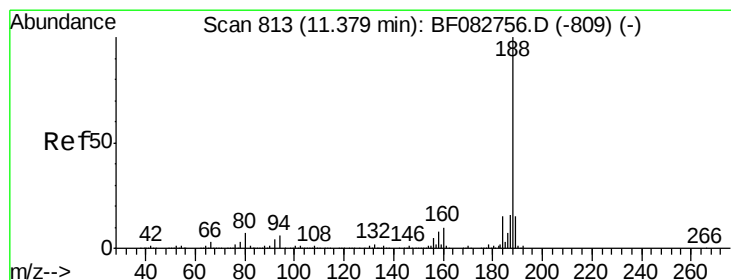
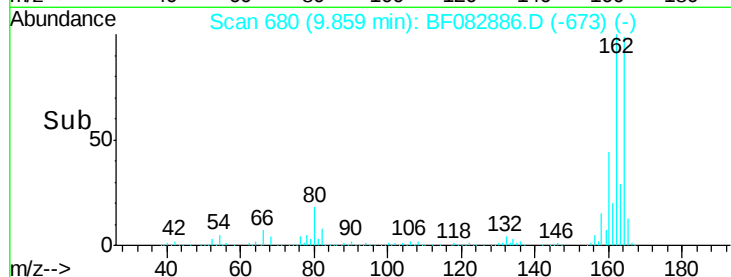
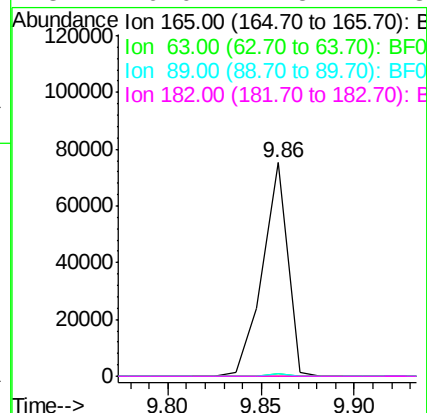
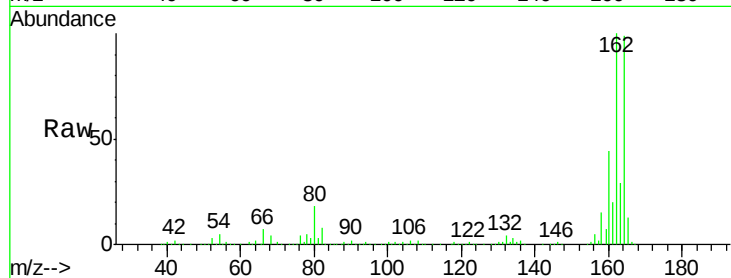




#56
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.22 min
Lab File: BF082886.D
Acq: 10 Nov 2015 23:11

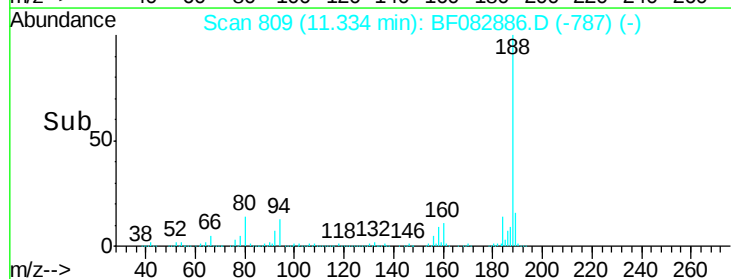
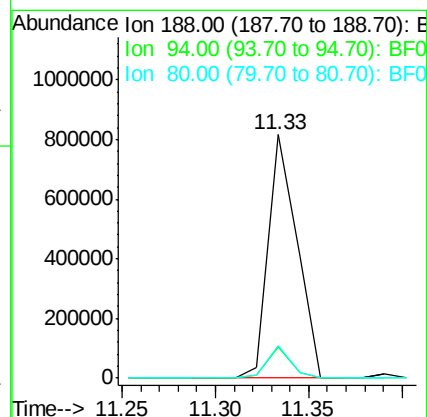
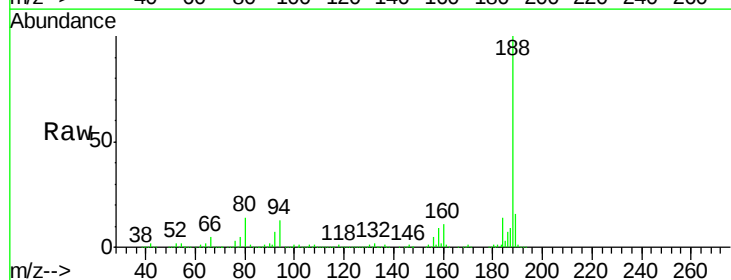
Instrument :
BNA_F
ClientSampleId :
E2-2

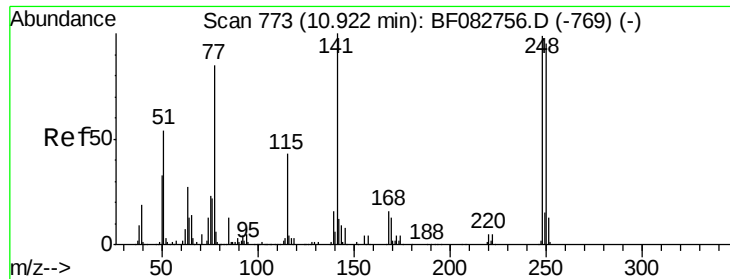
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082886.D
Acq: 10 Nov 2015 23:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.7	6.1	9.1#
80	13.6	7.0	10.6#

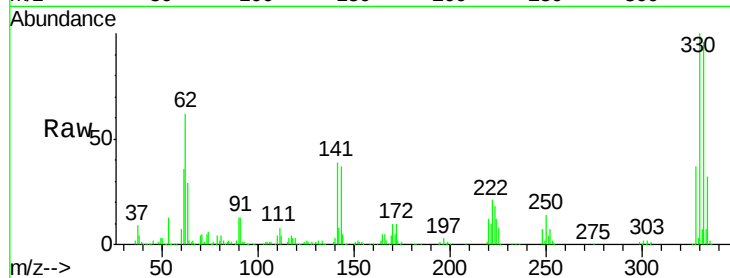




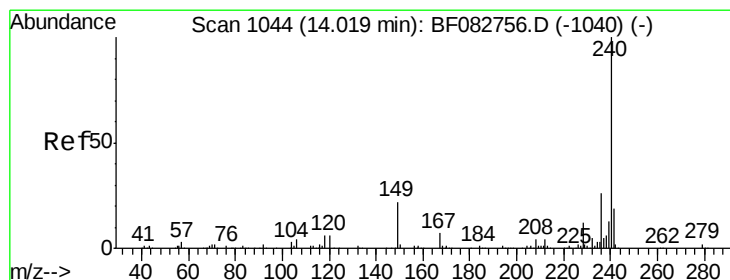
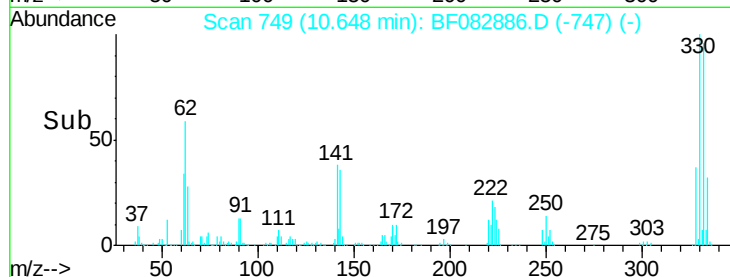
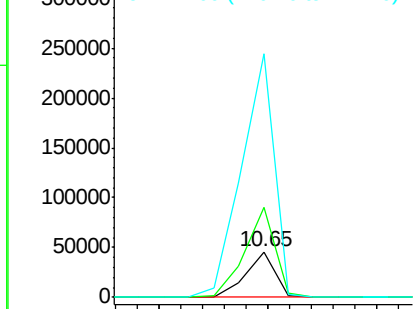
#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF082886.D
Acq: 10 Nov 2015 23:11

Instrument :
BNA_F
ClientSampleId :
E2-2

Tgt Ion:248 Resp: 43055
Ion Ratio Lower Upper
248 100
250 197.3 79.4 119.2#
141 536.8 36.3 54.5#

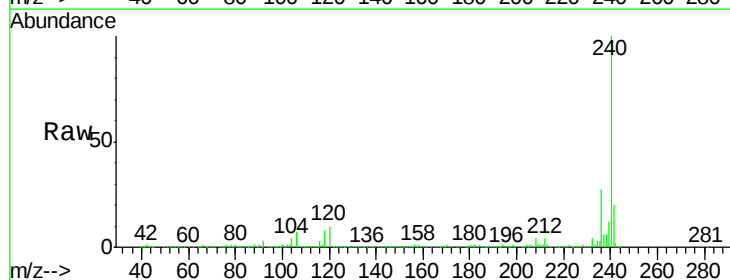


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

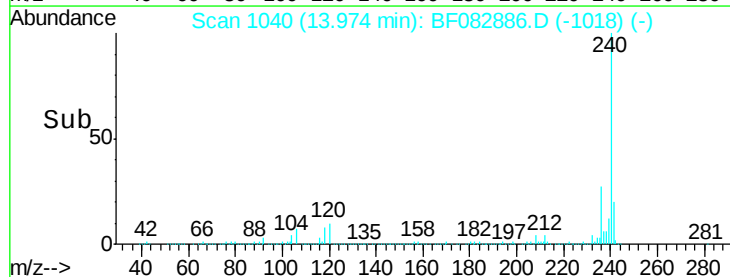
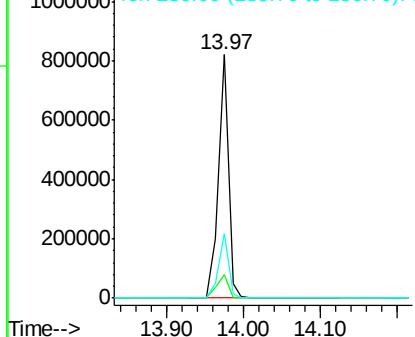


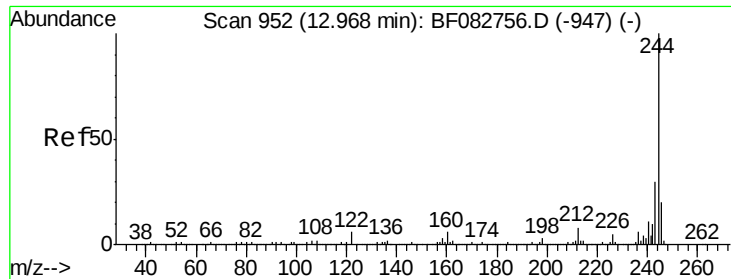
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082886.D
Acq: 10 Nov 2015 23:11

Tgt Ion:240 Resp: 745582
Ion Ratio Lower Upper
240 100
120 9.5 10.9 16.3#
236 26.6 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

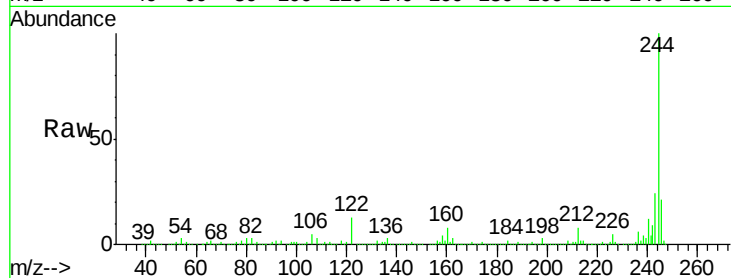




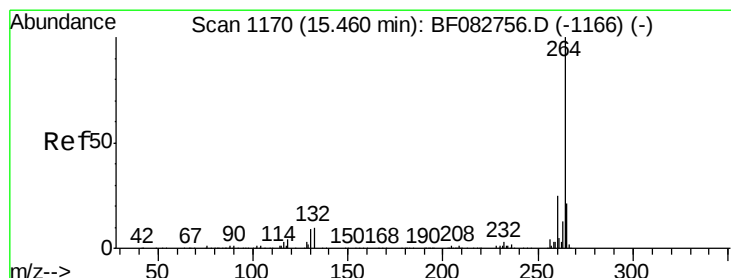
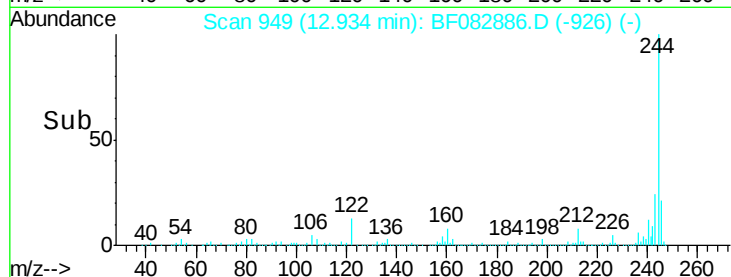
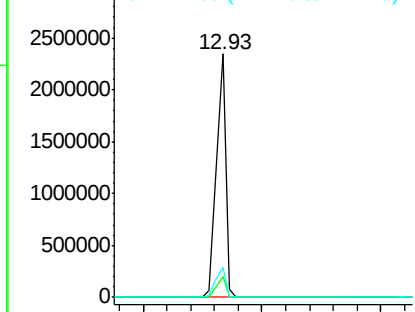
#78
 Terphenyl-d14
 Concen: 78.98 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-2

Tgt Ion:244 Resp: 2482596
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 12.5 11.3 16.9

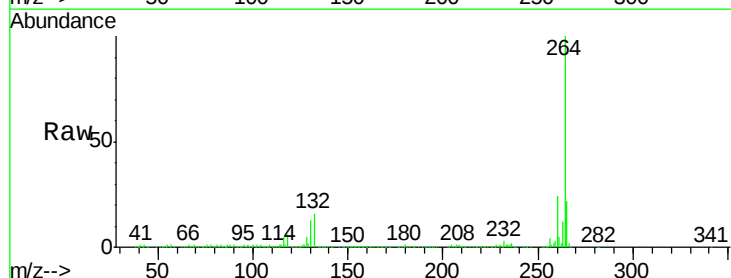


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082886.D
 Acq: 10 Nov 2015 23:11

Tgt Ion:264 Resp: 571697
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 22.1 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

