

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082621.D
 Acq On : 31 Oct 2015 15:05
 Operator : UM/IZ
 Sample : G4191-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-24-R

Quant Time: Nov 02 00:32:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

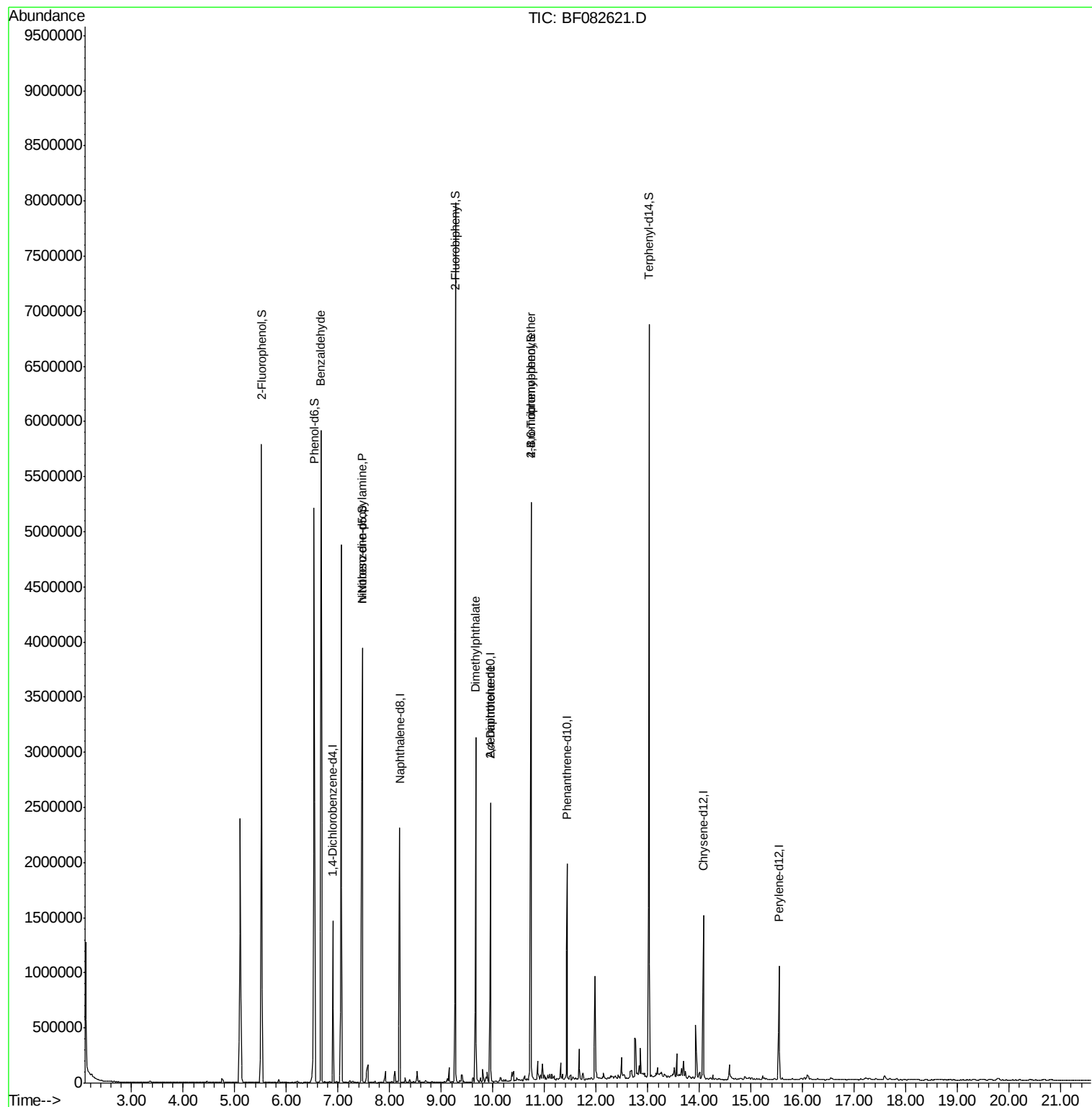
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	219066	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	918908	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	492726	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	857237	20.00	ng	0.00
75) Chrysene-d12	14.08	240	559252	20.00	ng	0.00
86) Perylene-d12	15.54	264	470772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1580266	108.65	ng	0.01
7) Phenol-d6	6.53	99	2273154	117.64	ng	0.00
23) Nitrobenzene-d5	7.47	82	1733320	77.03	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	623472	115.62	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2677010	77.14	ng	0.00
78) Terphenyl-d14	13.03	244	1957690	76.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	48689	3.69	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.47	70	247381	16.89	ng	# 68
49) Dimethylphthalate	9.66	163	1131809	28.13	ng	99
56) 2,4-Dinitrotoluene	9.95	165	63728	5.65	ng	# 16
66) 4-Bromophenyl-phenylether	10.74	248	46219	4.76	ng	# 1

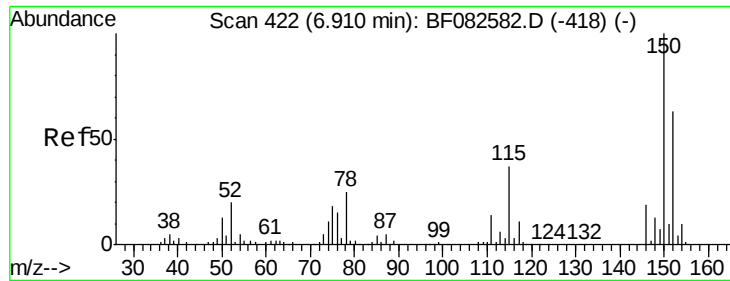
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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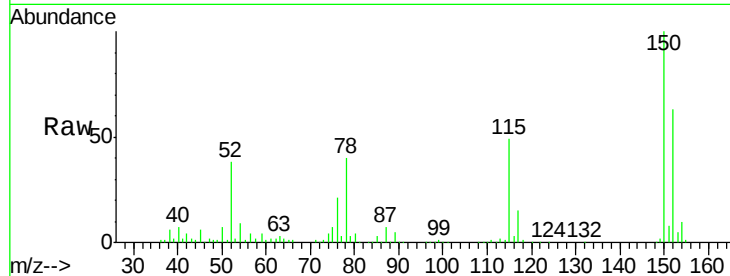




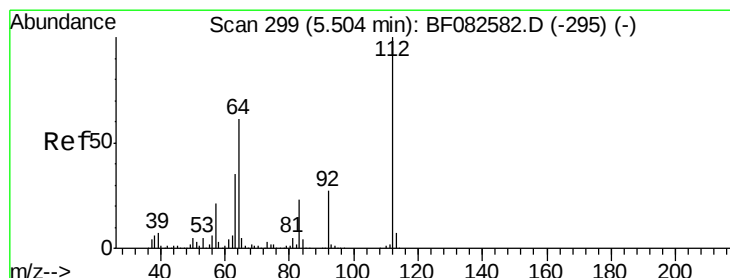
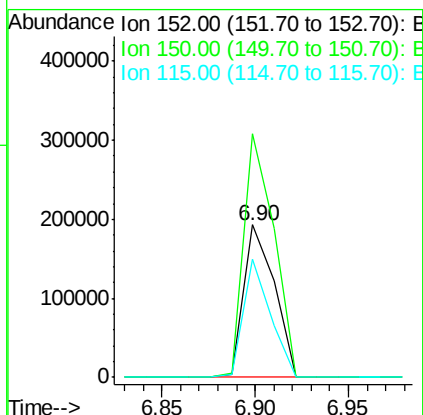
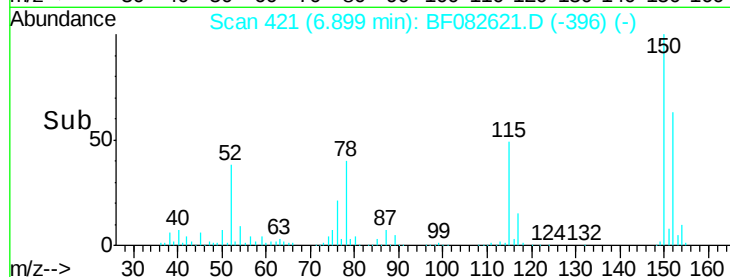
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF082621.D
 Acq: 31 Oct 2015 15:05

Instrument :
 BNA_F
 ClientSampleId :
 T-24-R

Tgt Ion:152 Resp: 219066
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.0 190.4
 115 77.7 47.0 70.6#

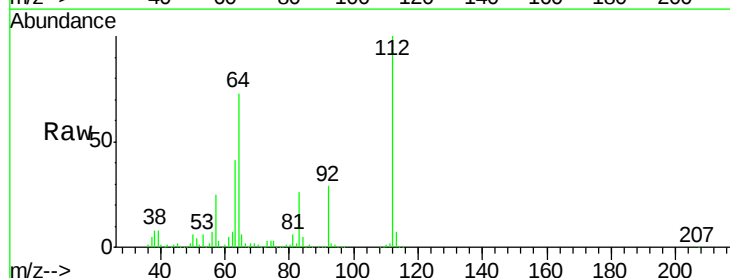


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

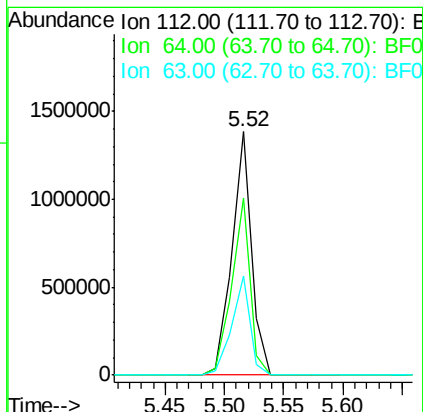
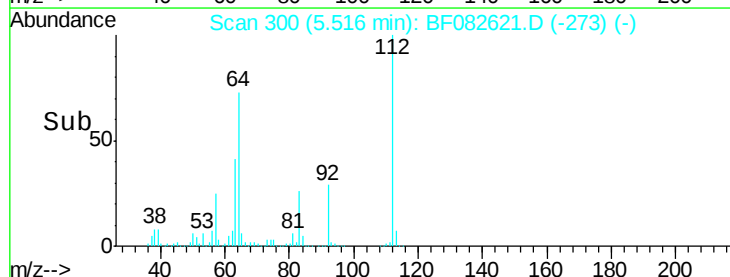


#5
 2-Fluorophenol
 Concen: 108.65 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF082621.D
 Acq: 31 Oct 2015 15:05

Tgt Ion:112 Resp: 1580266
 Ion Ratio Lower Upper
 112 100
 64 72.7 48.9 73.3
 63 40.8 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: 117.64 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082621.D

Acq: 31 Oct 2015 15:05

Instrument :

BNA_F

ClientSampled :

T-24-R

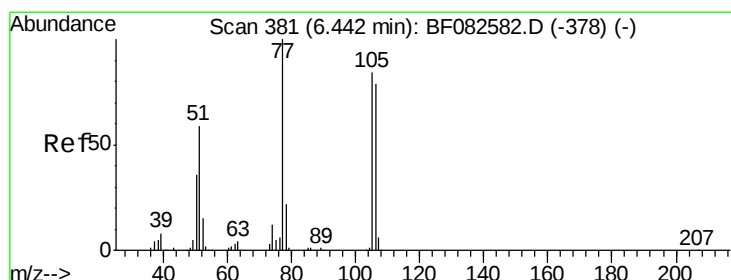
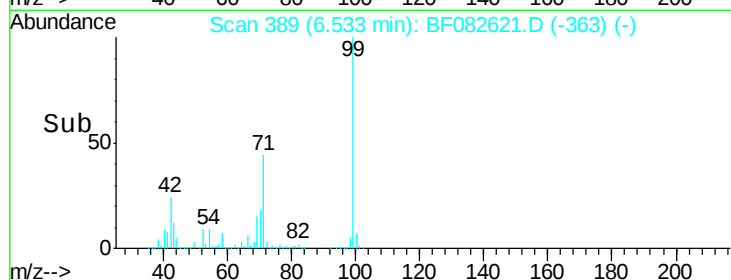
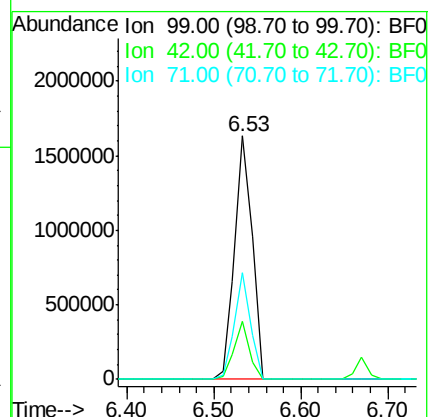
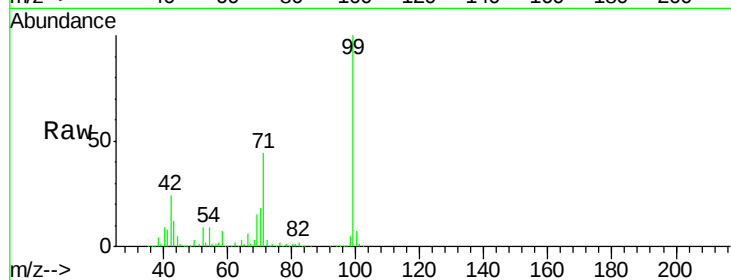
Tgt Ion: 99 Resp: 2273154

Ion Ratio Lower Upper

99 100

42 24.0 19.2 28.8

71 44.0 35.0 52.4



#9

Benzaldehyde

Concen: 3.69 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082621.D

Acq: 31 Oct 2015 15:05

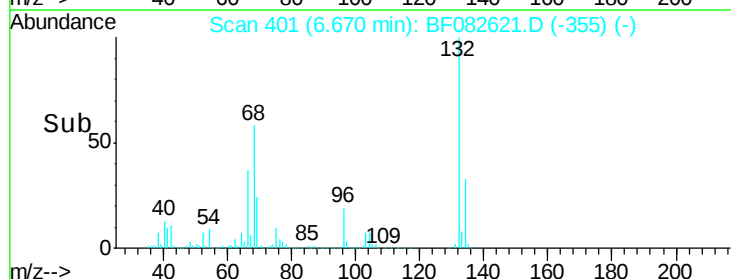
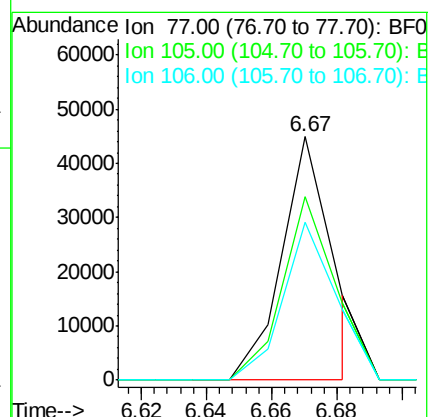
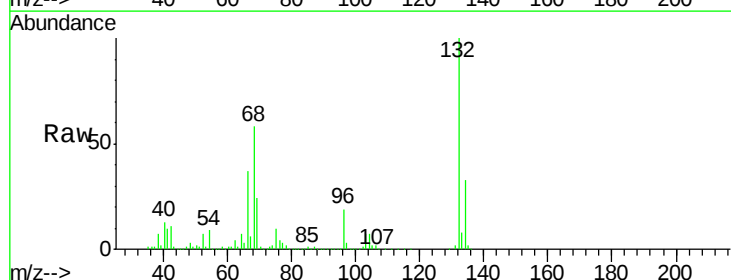
Tgt Ion: 77 Resp: 48689

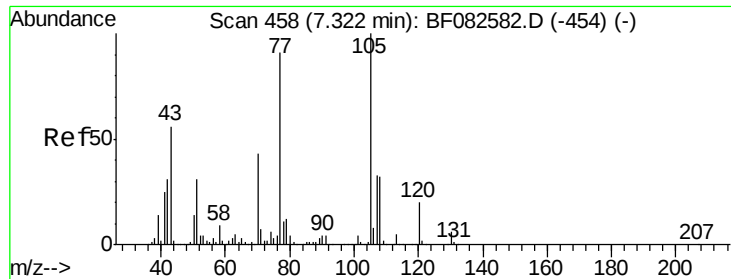
Ion Ratio Lower Upper

77 100

105 75.2 63.5 103.5

106 65.0 59.3 99.3

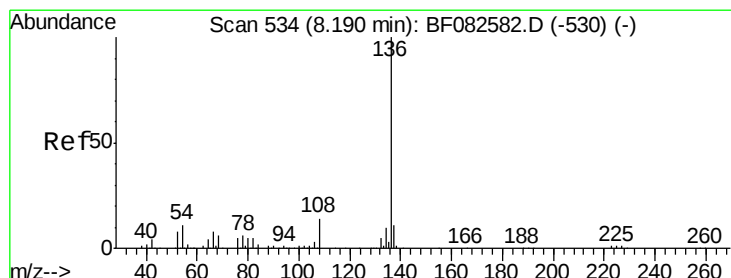
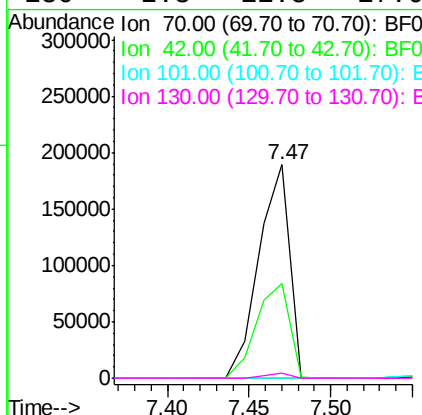
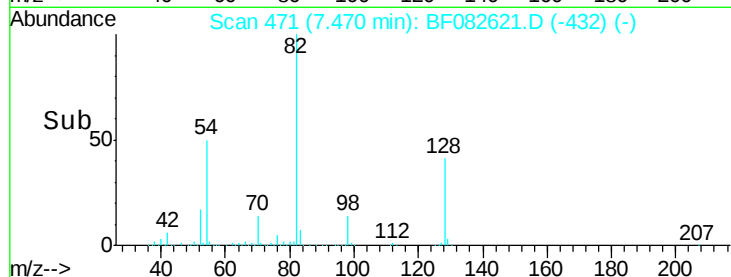
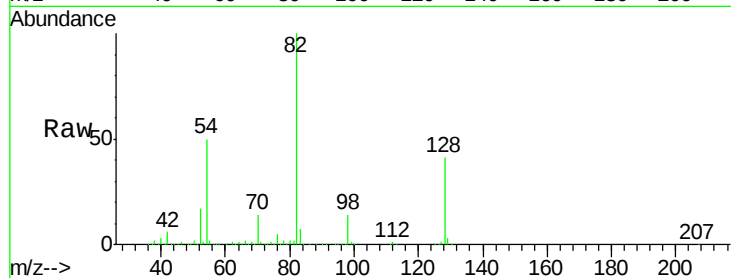




#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF082621.D
Acq: 31 Oct 2015 15:05

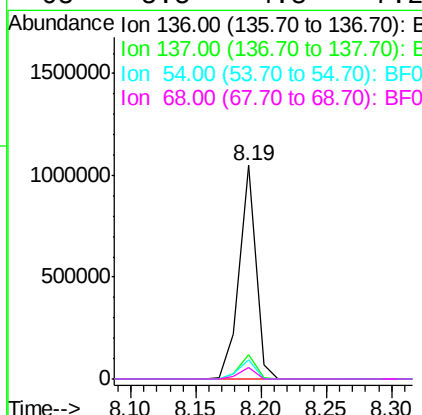
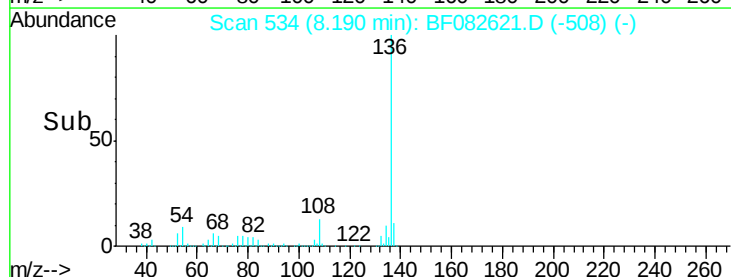
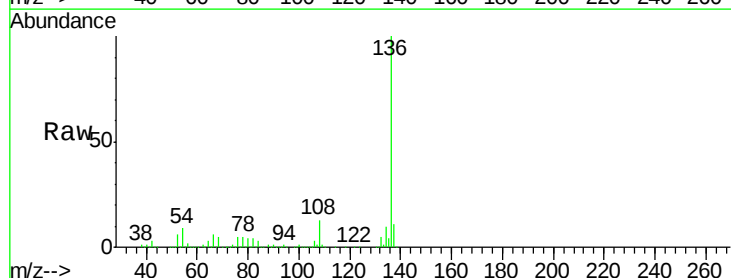
Instrument :
BNA_F
ClientSampled :
T-24-R

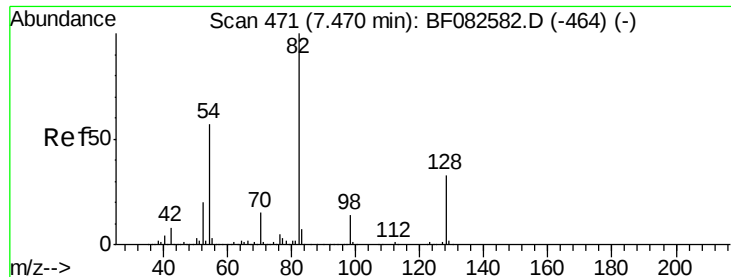
Tgt Ion: 70 Resp: 247381
Ion Ratio Lower Upper
70 100
42 44.4 57.7 86.5#
101 0.0 7.0 10.6#
130 2.3 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082621.D
Acq: 31 Oct 2015 15:05

Tgt Ion: 136 Resp: 918908
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.0 9.1 13.7#
68 5.5 4.8 7.2

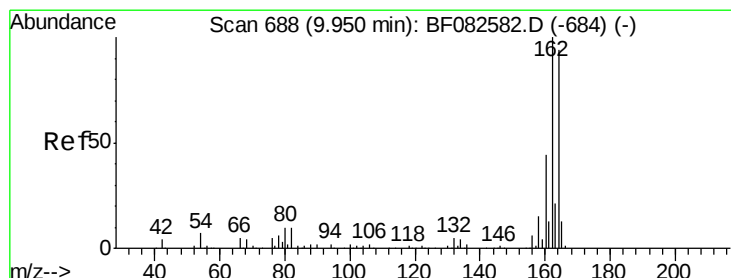
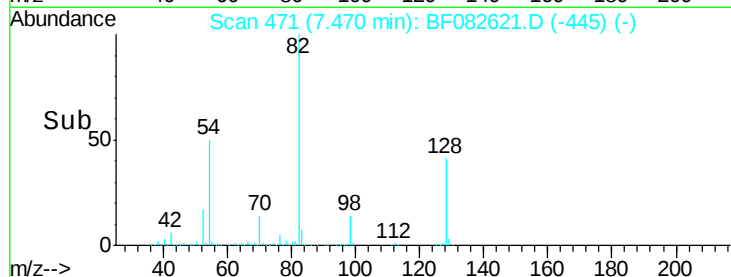
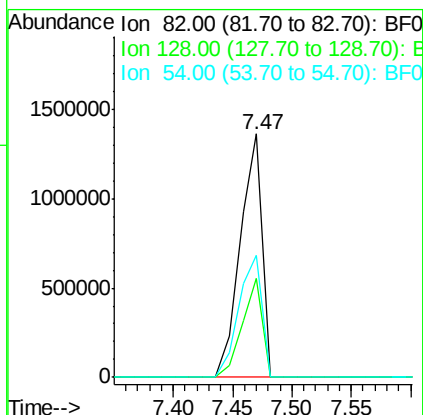
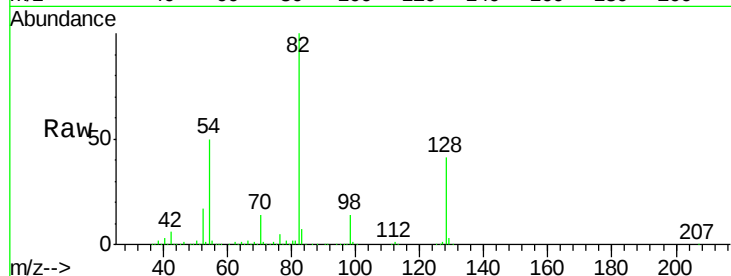




#23
 Nitrobenzene-d5
 Concen: 77.03 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082621.D
 Acq: 31 Oct 2015 15:05

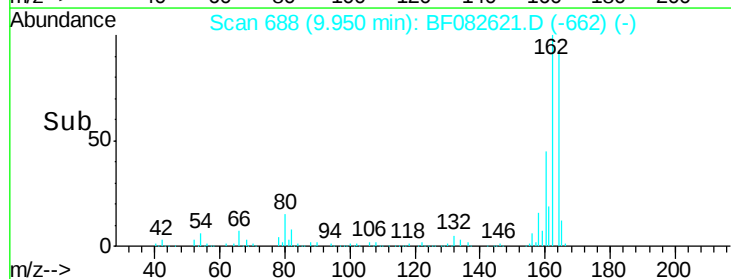
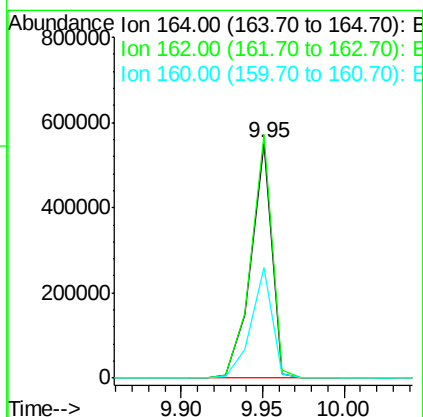
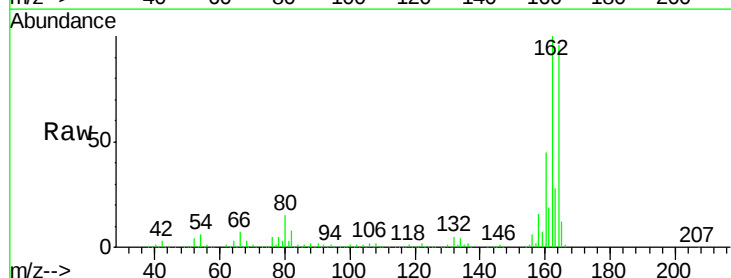
Instrument :
 BNA_F
 ClientSampleId :
 T-24-R

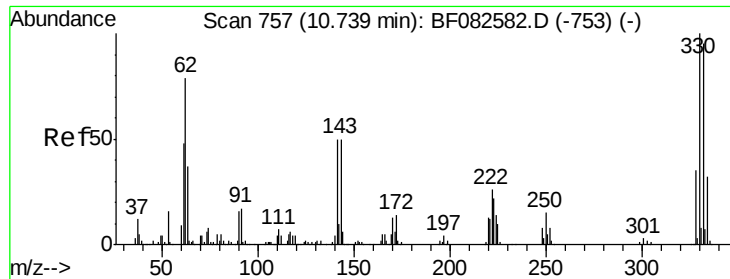
Tgt Ion: 82 Resp: 1733320
 Ion Ratio Lower Upper
 82 100
 128 40.7 26.8 40.2#
 54 50.3 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082621.D
 Acq: 31 Oct 2015 15:05

Tgt Ion: 164 Resp: 492726
 Ion Ratio Lower Upper
 164 100
 162 103.6 84.9 127.3
 160 46.9 37.5 56.3

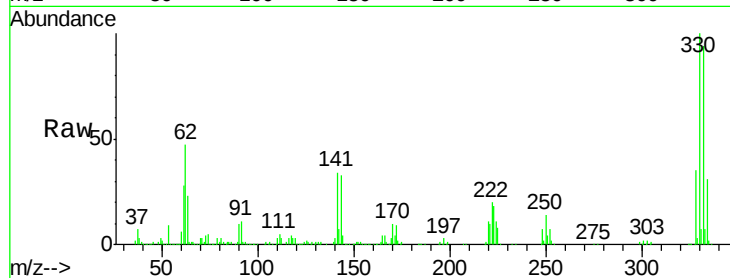




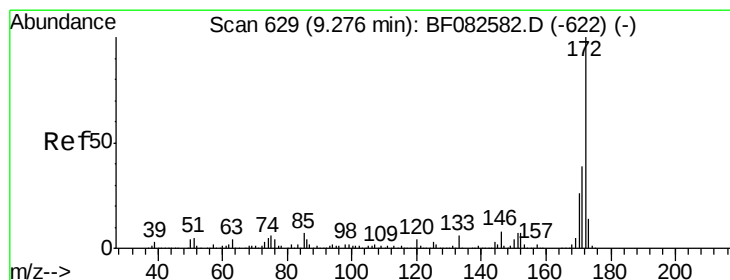
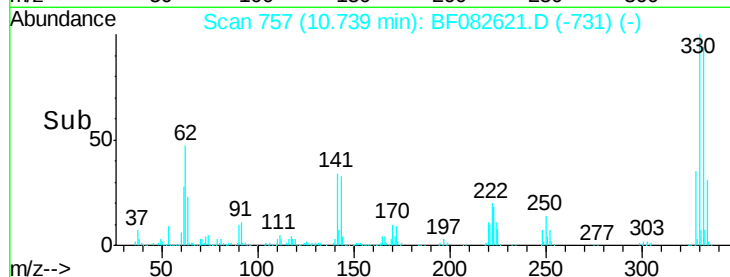
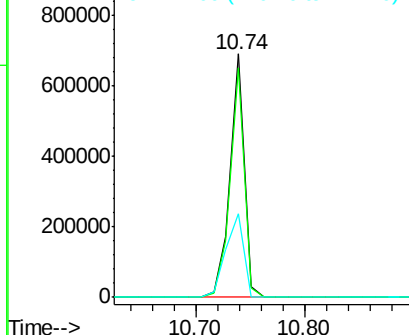
#41
 2,4,6-Tribromophenol
 Concen: 115.62 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082621.D
 Acq: 31 Oct 2015 15:05

Instrument :
 BNA_F
 ClientSampleId :
 T-24-R

Tgt Ion:330 Resp: 623472
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 114.8
 141 43.1 41.2 61.8

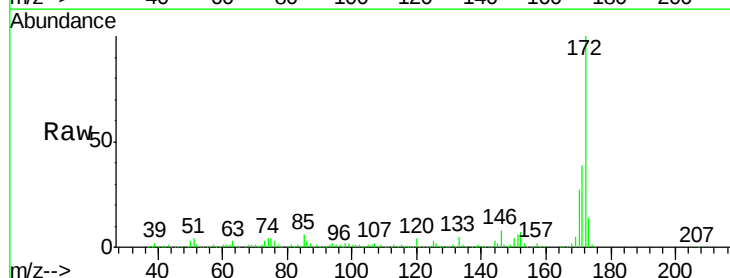


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

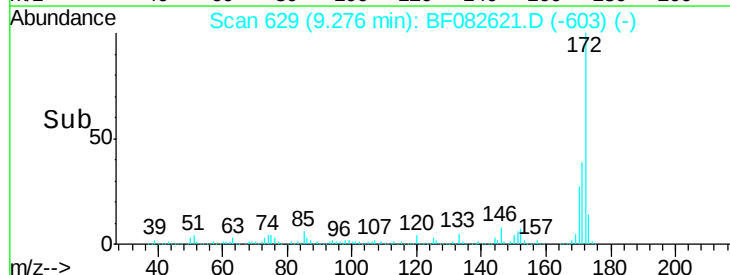
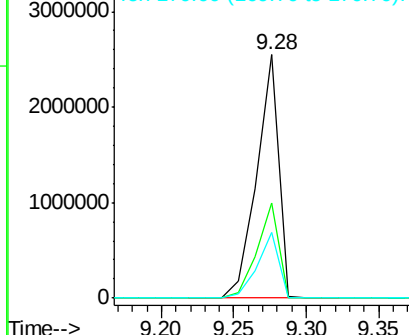


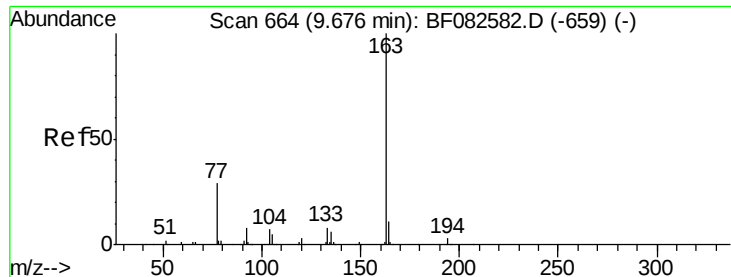
#44
 2-Fluorobiphenyl
 Concen: 77.14 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082621.D
 Acq: 31 Oct 2015 15:05

Tgt Ion:172 Resp: 2677010
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.8 46.2
 170 26.8 21.2 31.8



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

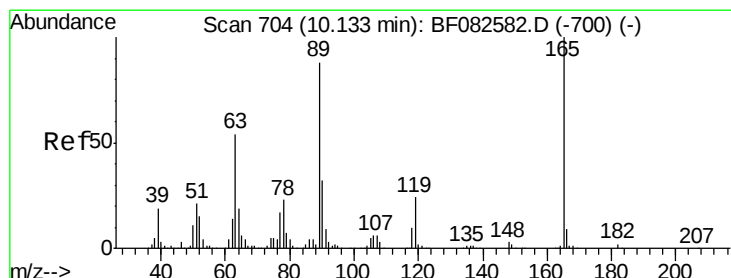
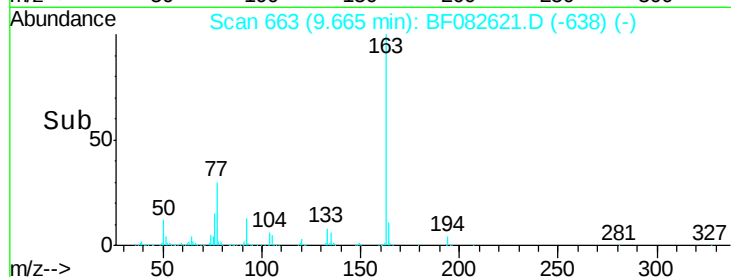
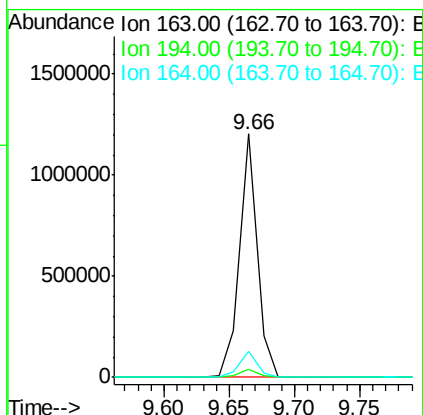
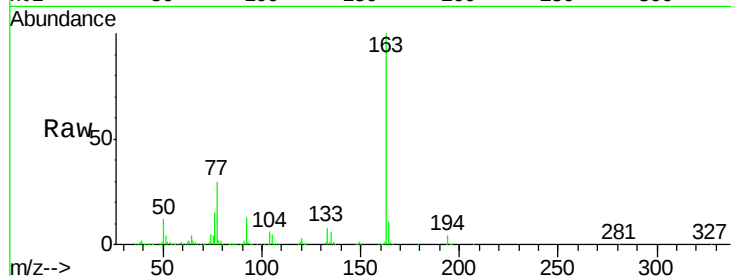




#49
Dimethylphthalate
Concen: 28.13 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082621.D
Acq: 31 Oct 2015 15:05

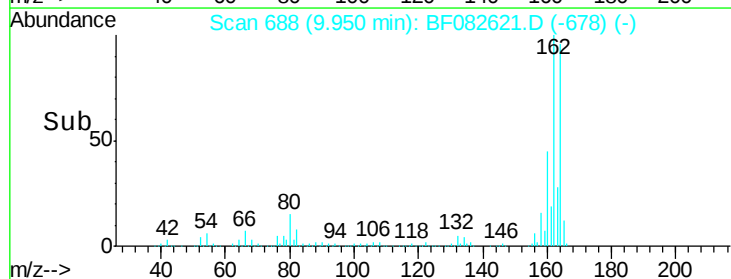
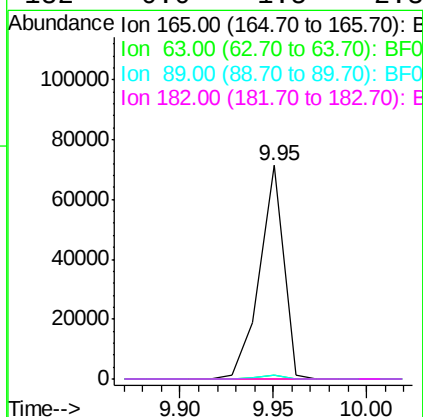
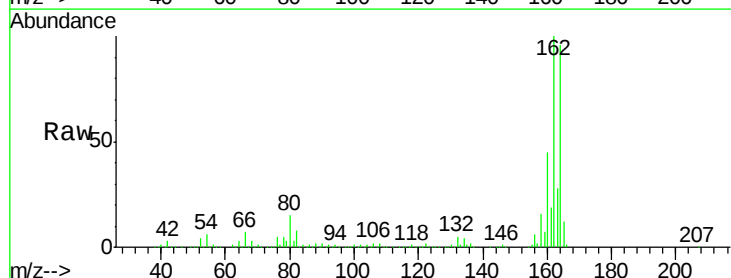
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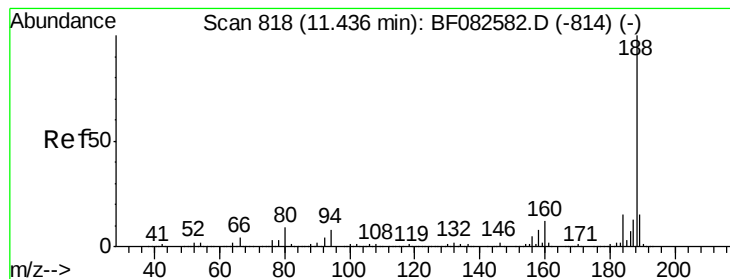
Tgt Ion:163 Resp: 1131809
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.5 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.18 min
Lab File: BF082621.D
Acq: 31 Oct 2015 15:05

Tgt Ion:165 Resp: 63728
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 2.0 70.6 106.0#
182 0.0 1.5 2.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082621.D

Acq: 31 Oct 2015 15:05

Instrument :

BNA_F

ClientSampleId :

T-24-R

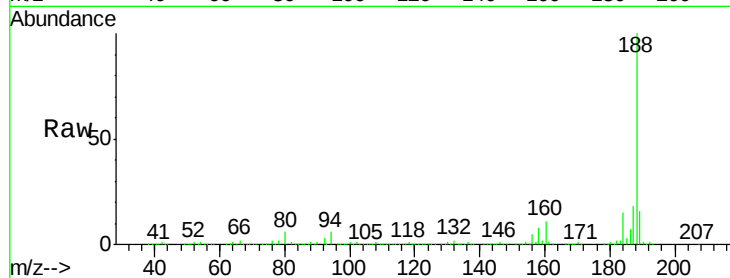
Tgt Ion:188 Resp: 857237

Ion Ratio Lower Upper

188 100

94 6.1 6.1 9.1#

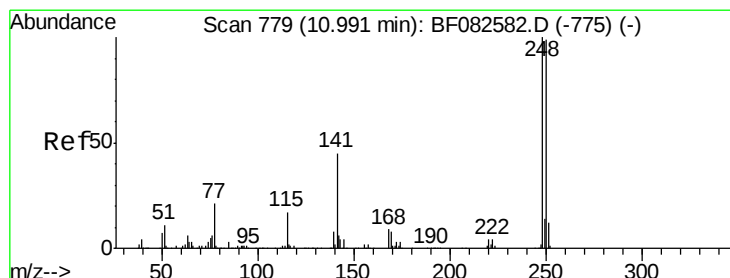
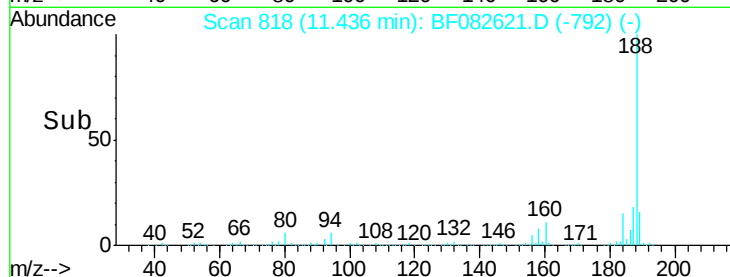
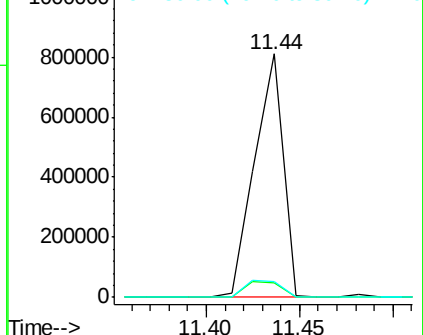
80 6.3 7.0 10.6#



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: 4.76 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF082621.D

Acq: 31 Oct 2015 15:05

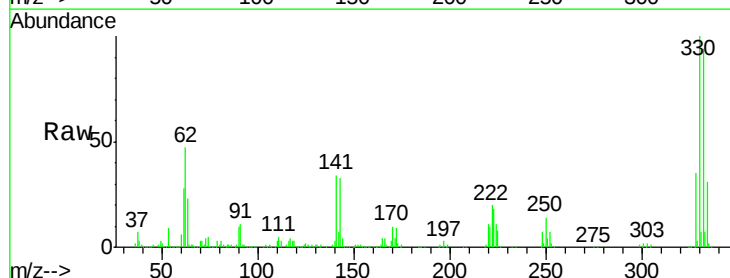
Tgt Ion:248 Resp: 46219

Ion Ratio Lower Upper

248 100

250 190.8 79.4 119.2#

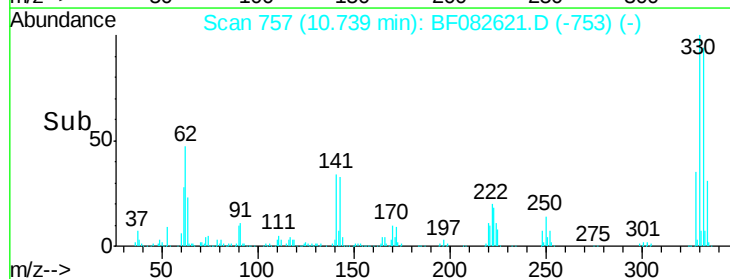
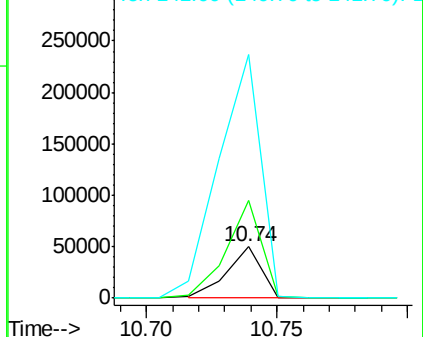
141 473.2 36.3 54.5#

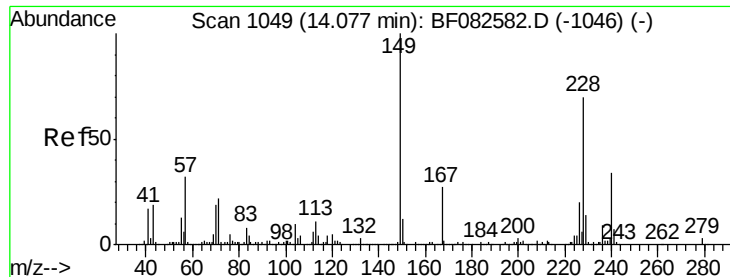


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082621.D

Acq: 31 Oct 2015 15:05

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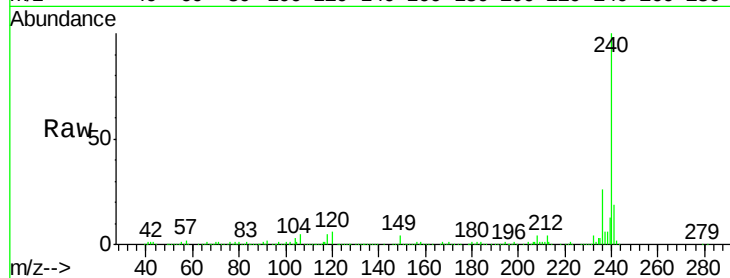
Tgt Ion:240 Resp: 559252

Ion Ratio Lower Upper

240 100

120 6.0 10.9 16.3#

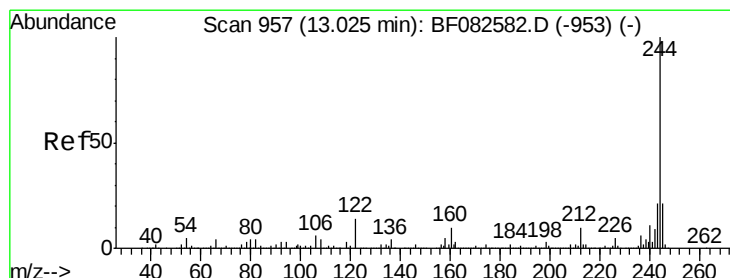
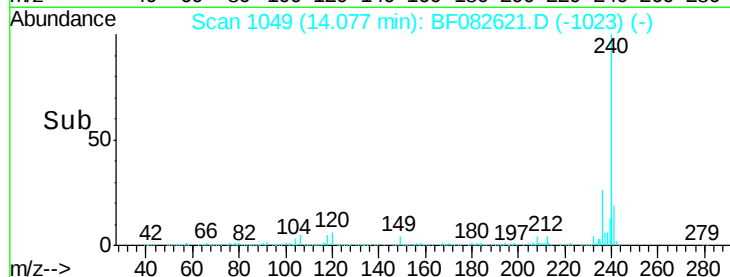
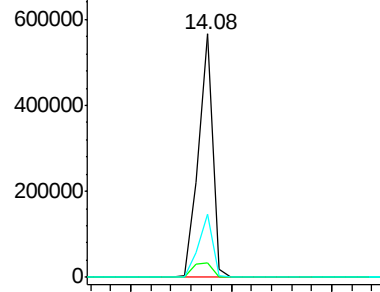
236 26.1 21.6 32.4



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: 76.61 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082621.D

Acq: 31 Oct 2015 15:05

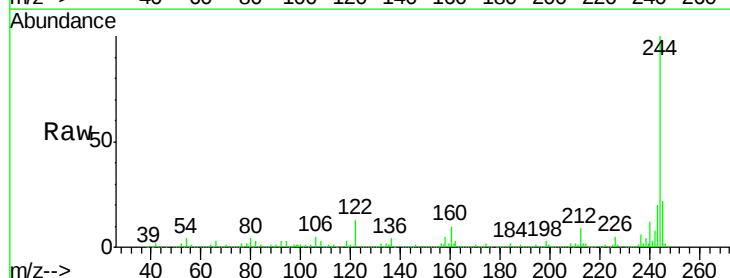
Tgt Ion:244 Resp: 1957690

Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

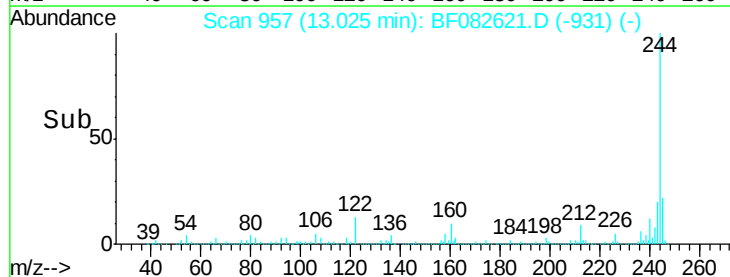
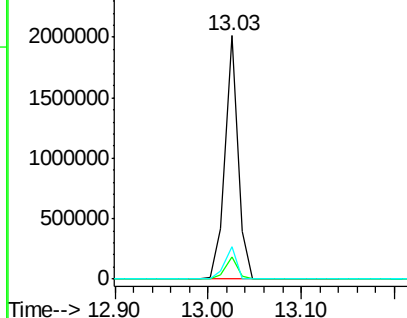
122 13.5 11.3 16.9

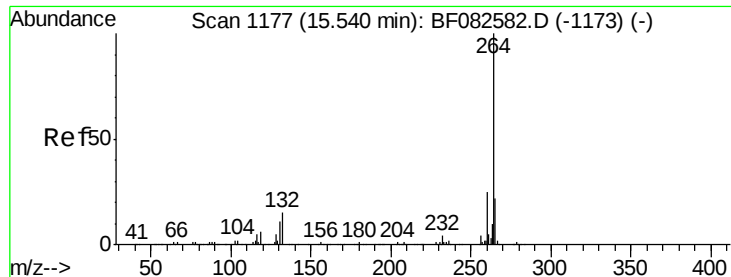


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



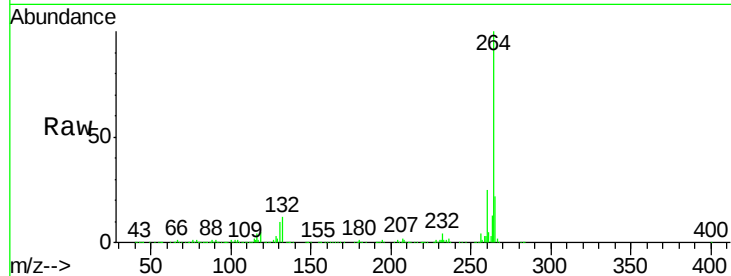


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082621.D
Acq: 31 Oct 2015 15:05

Instrument :
BNA_F
ClientSampleId :
T-24-R

Tgt Ion: 264 Resp: 470772

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.9	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

