

Data Path : Z:\HPCHEM1\BNA F\Data\BF020316\
 Data File : BF084827.D
 Acq On : 4 Feb 2016 11:08
 Operator : SJ/IZ
 Sample : H1322-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 11:46:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

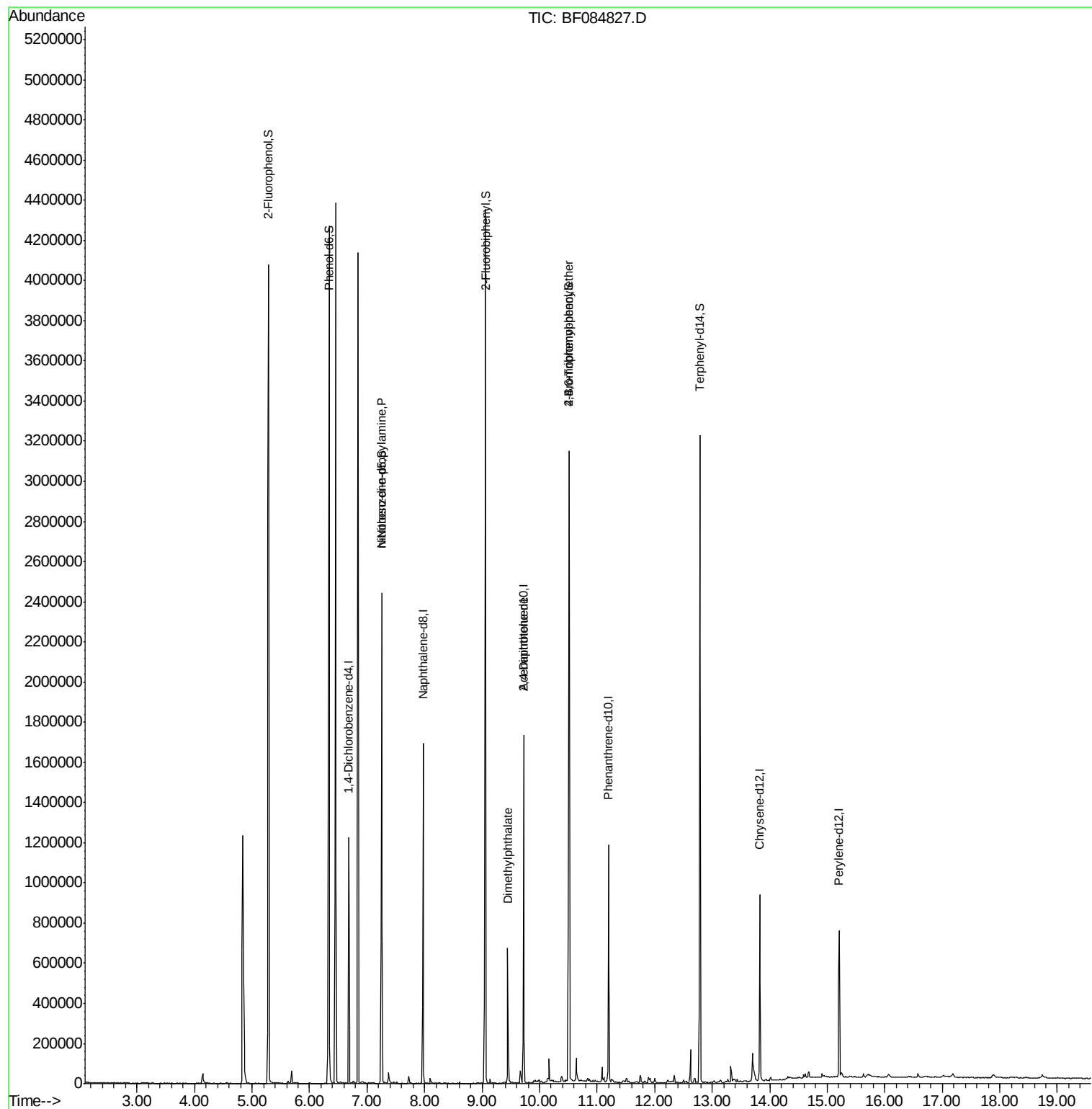
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	169665	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	738613	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	316348	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	510948	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	376510	20.00	ng	-0.01
86) Perylene-d12	15.21	264	346714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1405665	129.05	ng	0.01
7) Phenol-d6	6.34	99	1552037	114.93	ng	0.00
23) Nitrobenzene-d5	7.25	82	919062	70.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	342765	103.88	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1777897	101.03	ng	0.00
78) Terphenyl-d14	12.78	244	1345320	80.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	124559	14.72	ng	# 71
49) Dimethylphthalate	9.45	163	267691	11.11	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	41116	6.12	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	22526	3.99	ng	# 1

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

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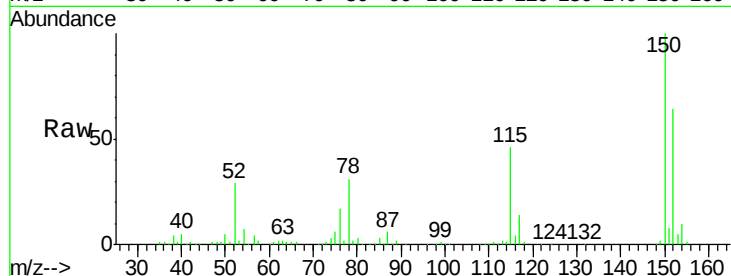


#1

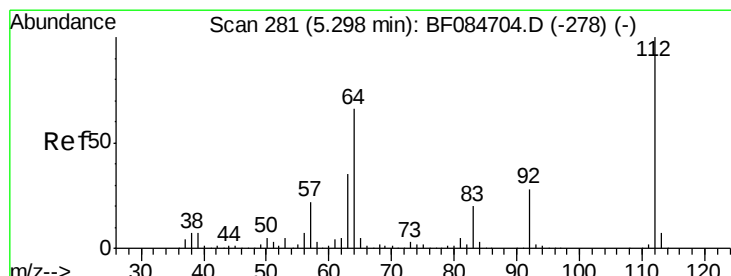
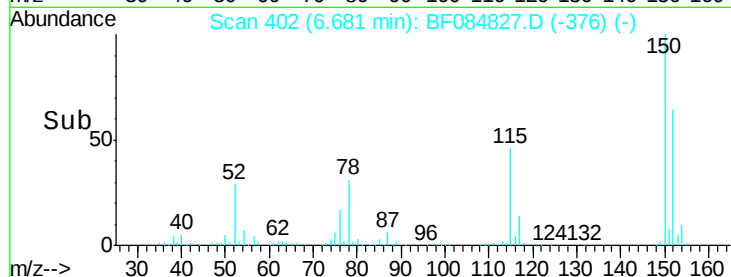
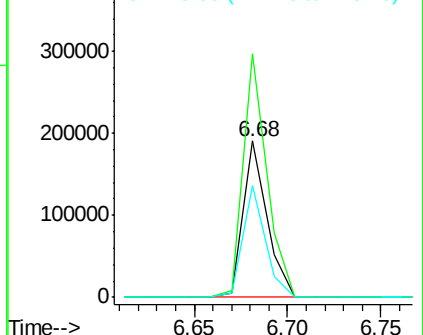
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084827.D
Acq: 4 Feb 2016 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169665
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 71.7 51.4 77.2



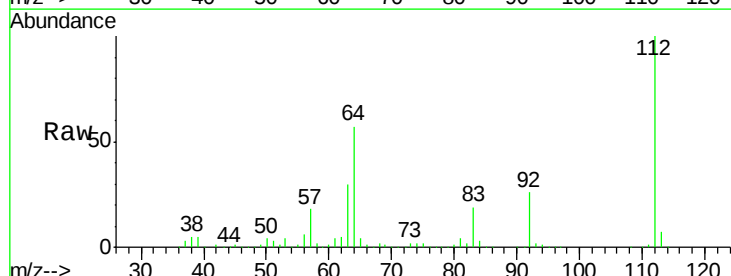
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



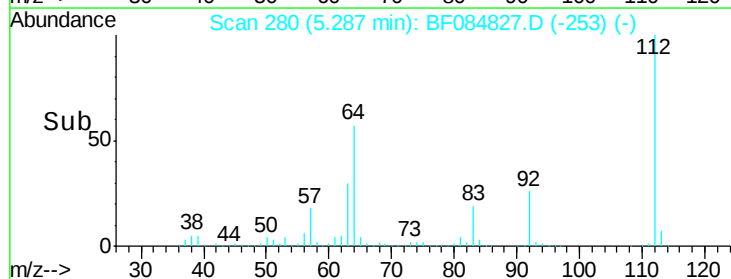
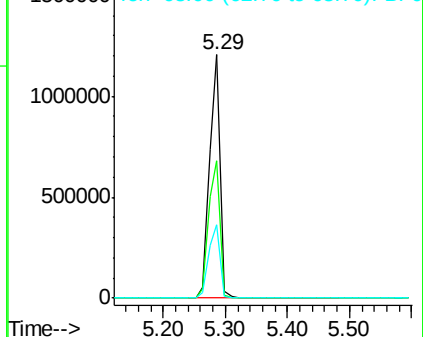
#5

2-Fluorophenol
Concen: 129.05 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084827.D
Acq: 4 Feb 2016 11:08

Tgt Ion:112 Resp: 1405665
Ion Ratio Lower Upper
112 100
64 56.5 36.6 55.0#
63 30.1 19.4 29.0#



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: 114.93 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084827.D

Acq: 4 Feb 2016 11:08

Instrument :

BNA_F

ClientSampleId :

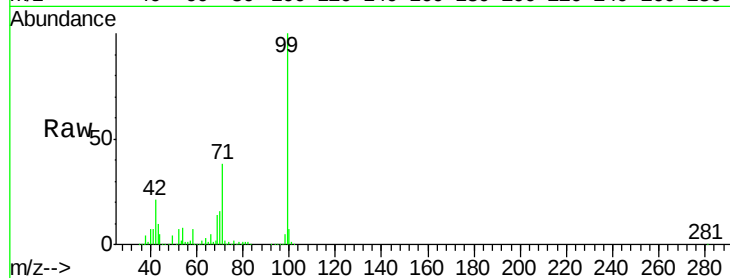
Tot Ion: 99 Resp: 1552037

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

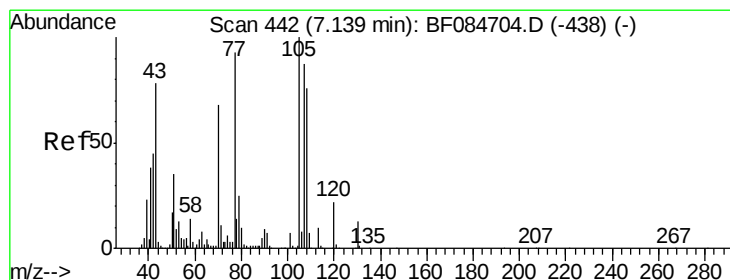
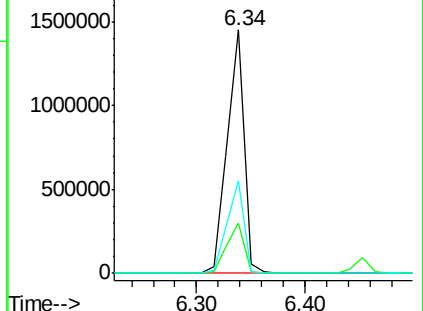
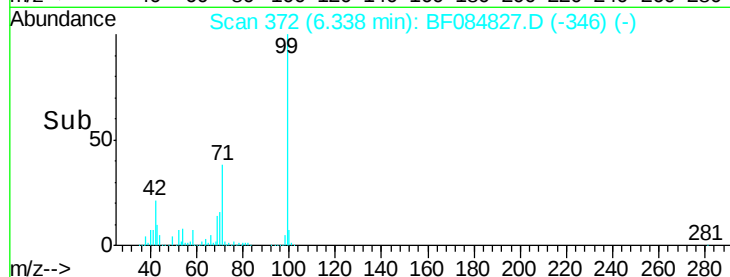
71 38.2 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.72 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084827.D

Acq: 4 Feb 2016 11:08

Tgt Ion: 70 Resp: 124559

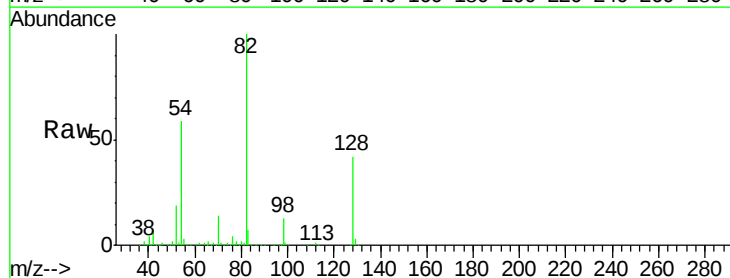
Ion Ratio Lower Upper

70 100

42 49.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

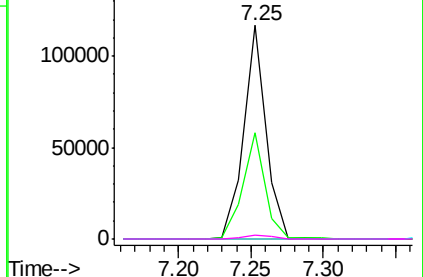
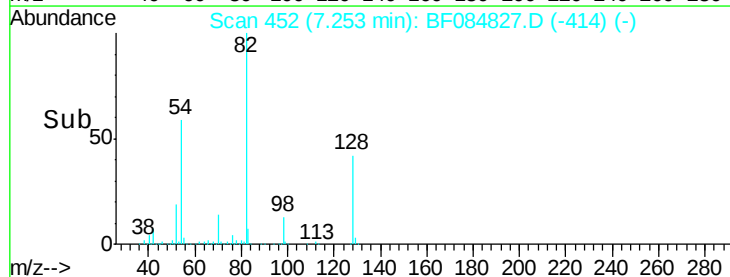


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084827.D

Acq: 4 Feb 2016 11:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 738613

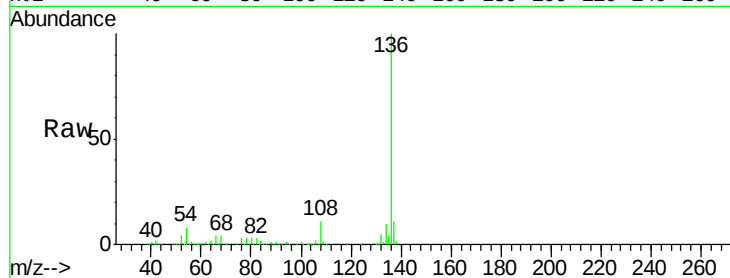
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.6 5.8 8.8

68 4.4 4.2 6.2

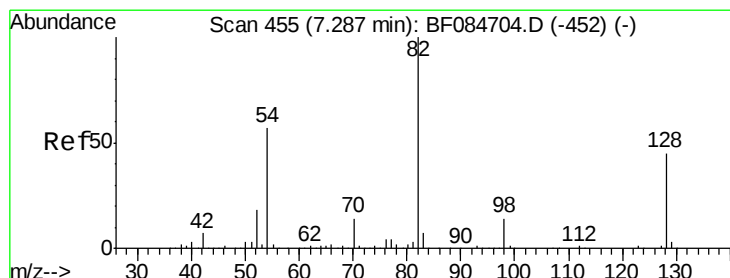
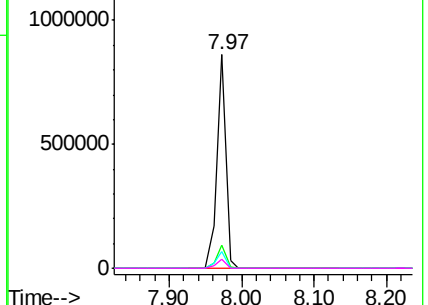
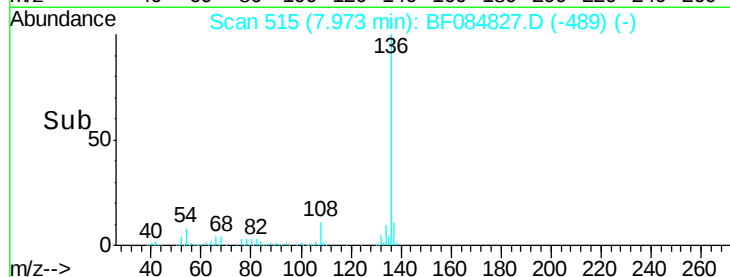


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.10 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084827.D

Acq: 4 Feb 2016 11:08

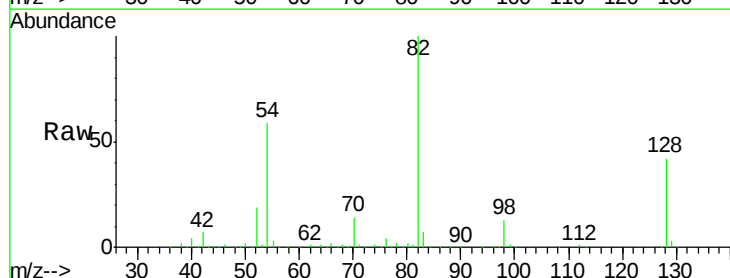
Tgt Ion: 82 Resp: 919062

Ion Ratio Lower Upper

82 100

128 41.6 34.6 51.8

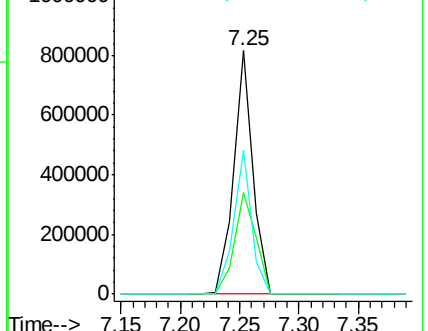
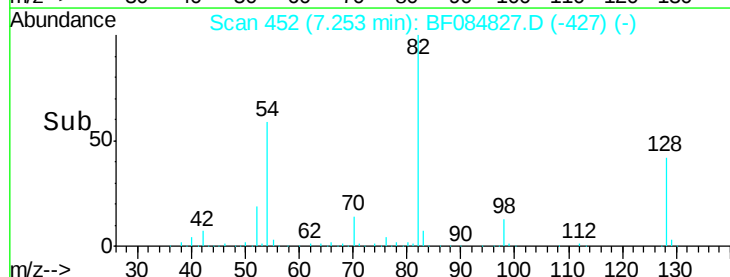
54 59.2 38.4 57.6#

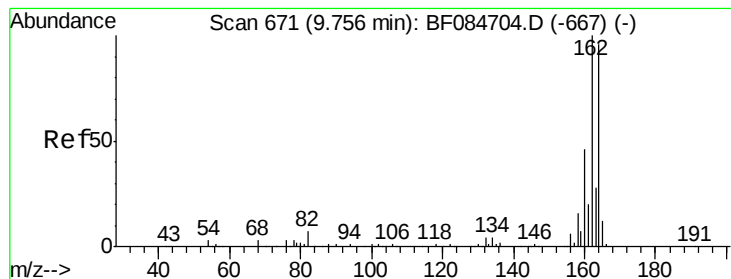


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084827.D

Acq: 4 Feb 2016 11:08

Instrument :

BNA_F

ClientSampleId :

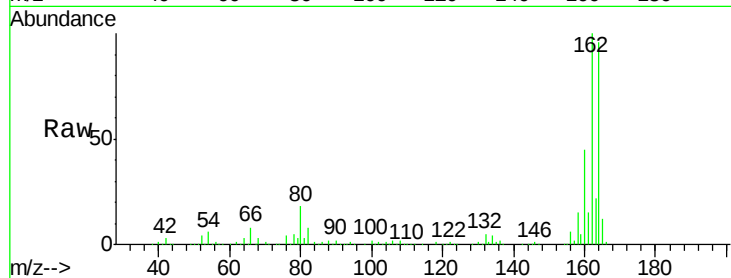
Tot Ion:164 Resp: 316348

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

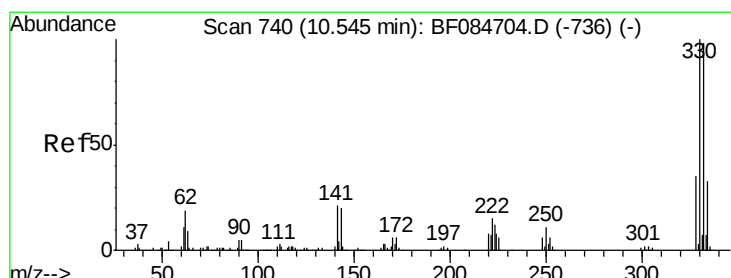
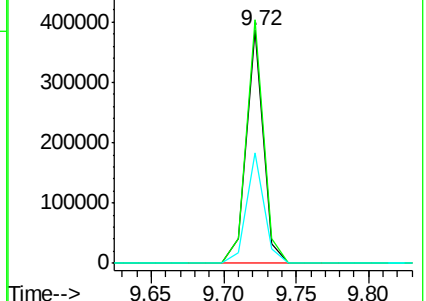
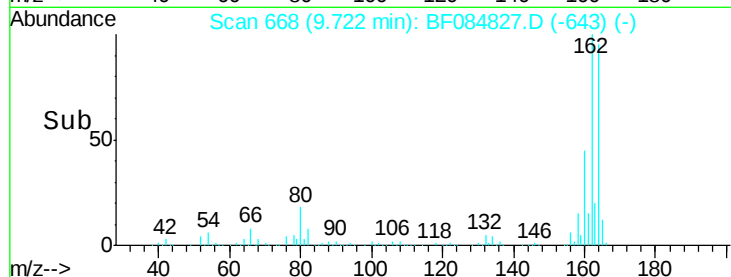
160 47.2 37.5 56.3



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: 103.88 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084827.D

Acq: 4 Feb 2016 11:08

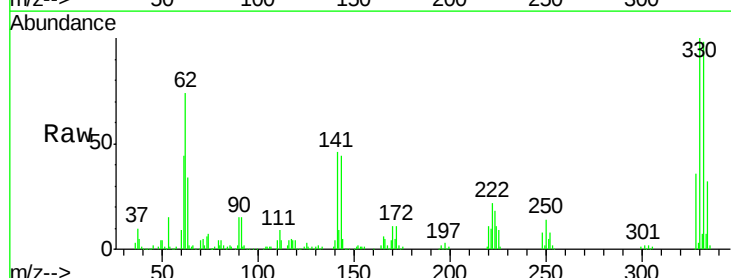
Tgt Ion:330 Resp: 342765

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

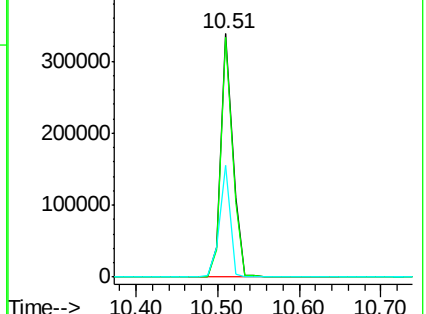
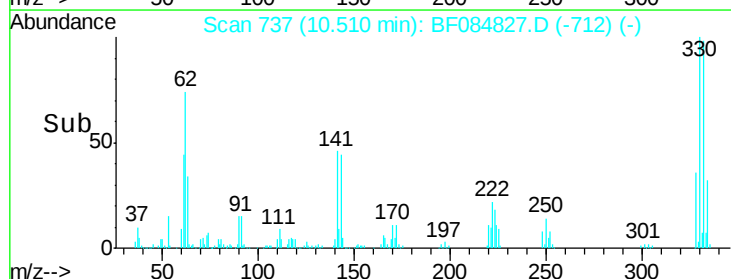
141 41.5 27.8 41.6

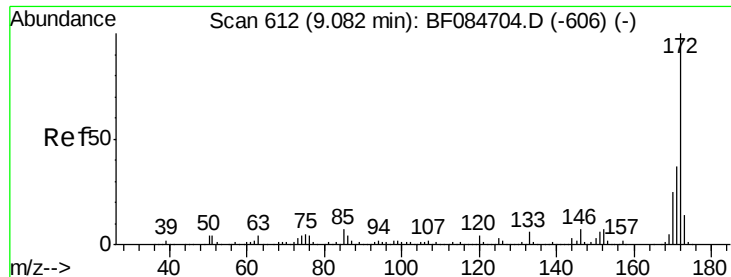


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



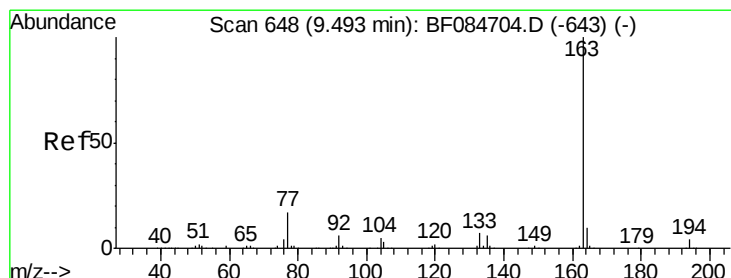
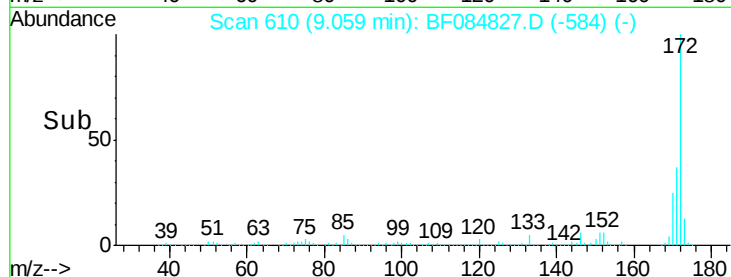
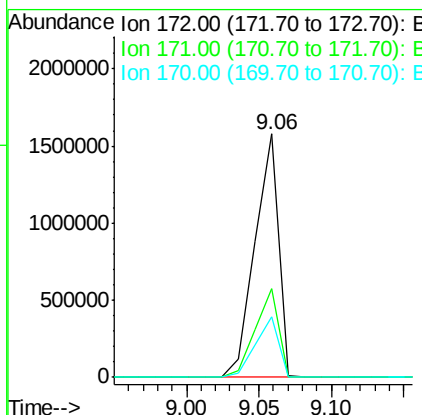
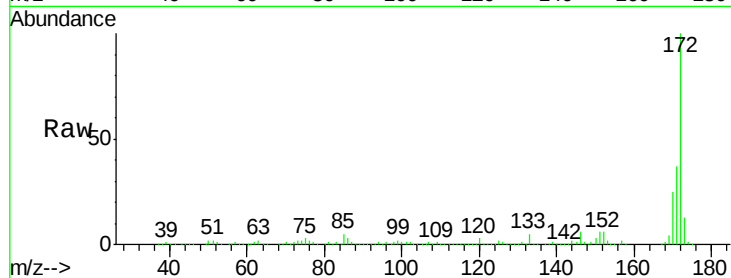


#44
 2-Fluorobiphenyl
 Concen: 101.03 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084827.D
 Acq: 4 Feb 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1777897

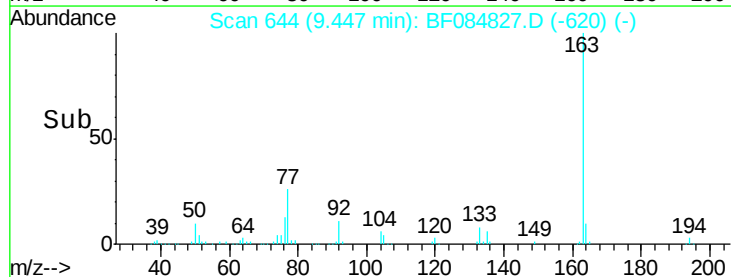
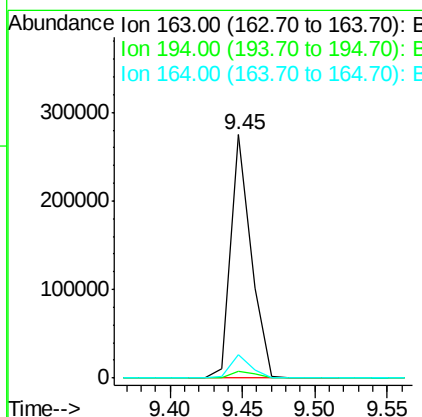
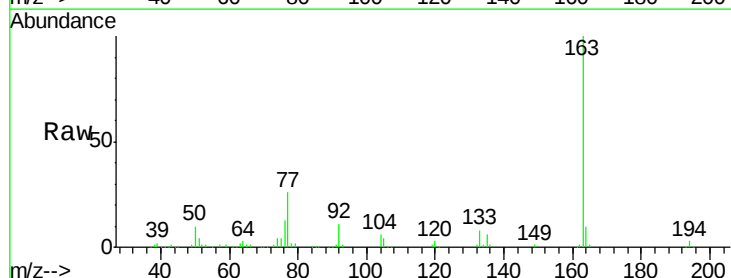
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.6	18.6	27.8

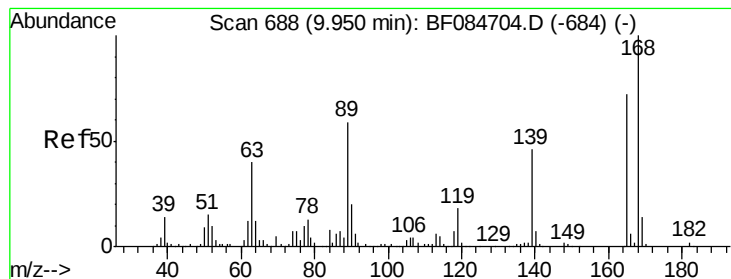


#49
 Dimethylphthalate
 Concen: 11.11 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF084827.D
 Acq: 4 Feb 2016 11:08

Tgt Ion:163 Resp: 267691

Ion	Ratio	Lower	Upper
163	100		
194	2.7	8.0	12.0#
164	9.7	8.0	12.0

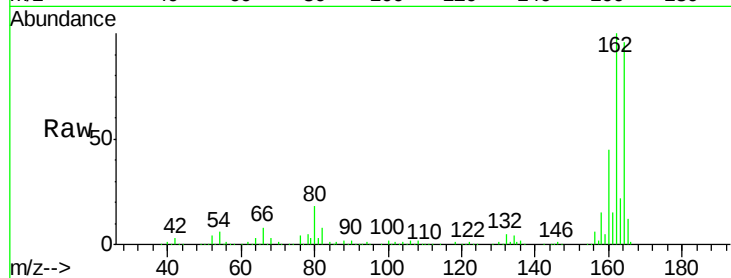




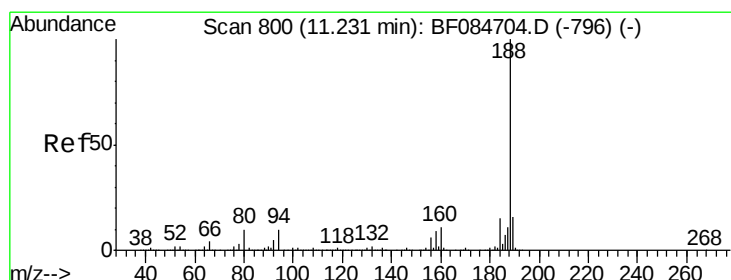
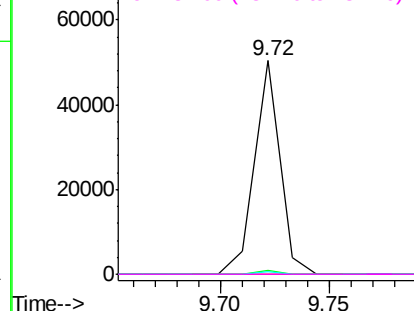
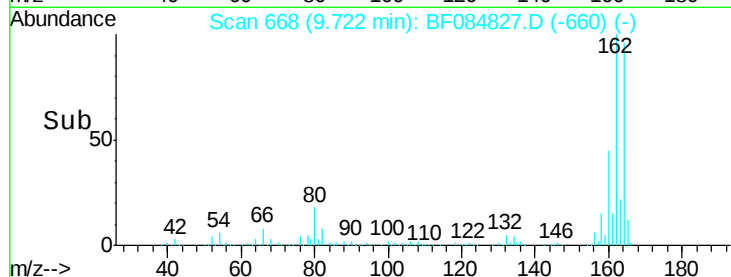
#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF084827.D
 Acq: 4 Feb 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#

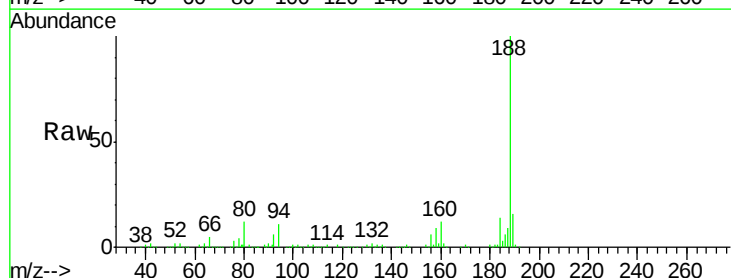


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

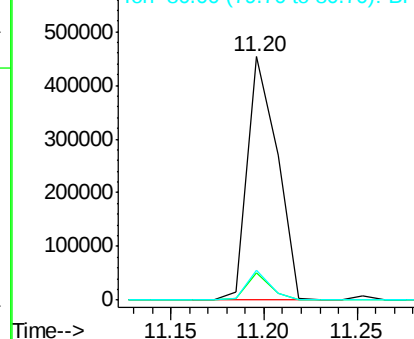
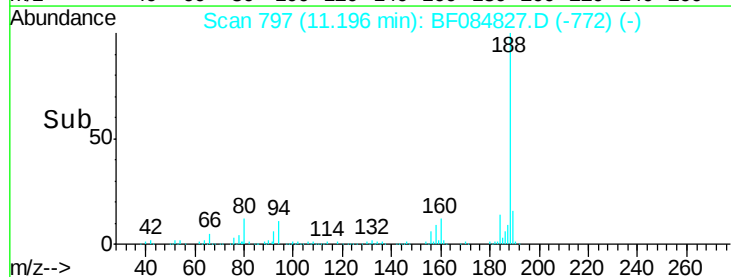


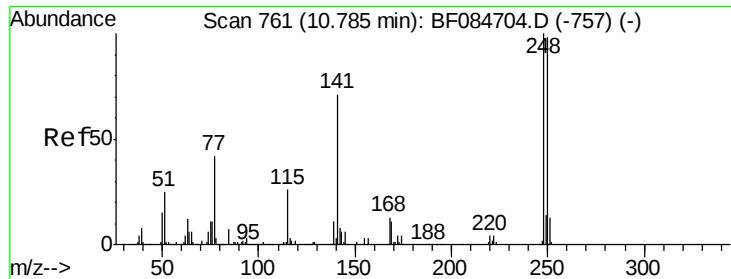
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF084827.D
 Acq: 4 Feb 2016 11:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.4
80	12.4	9.6	14.4



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

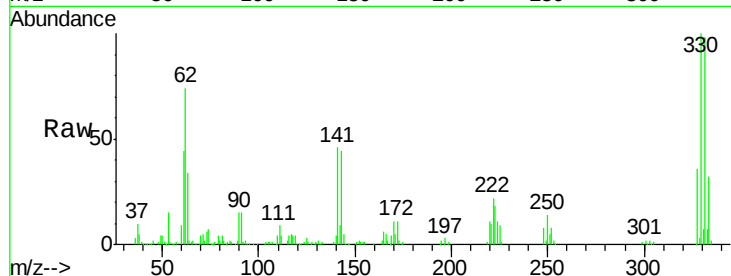




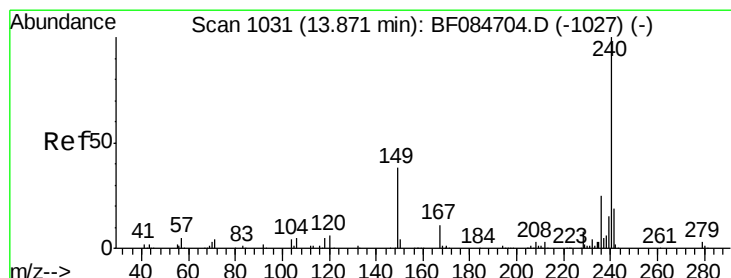
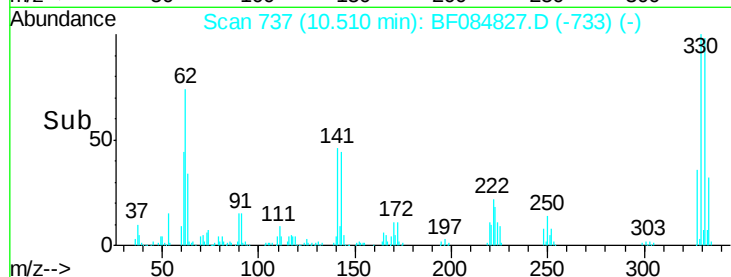
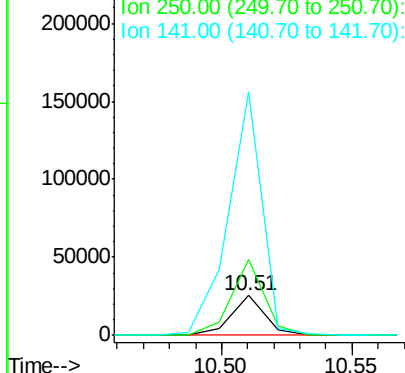
#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084827.D
Acq: 4 Feb 2016 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22526
Ion Ratio Lower Upper
248 100
250 190.3 78.4 117.6#
141 613.0 44.0 66.0#

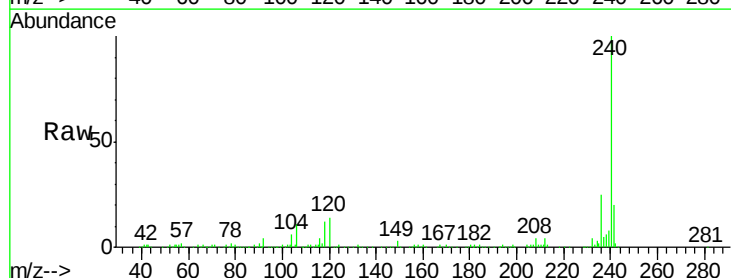


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

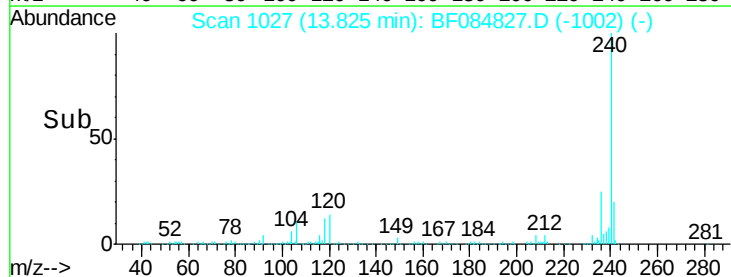
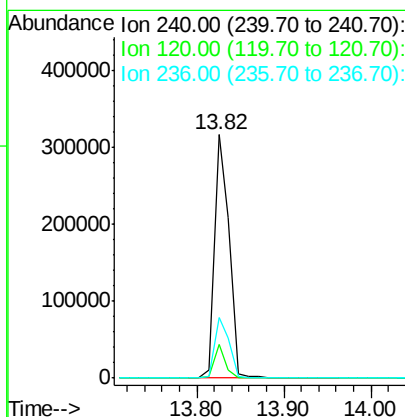


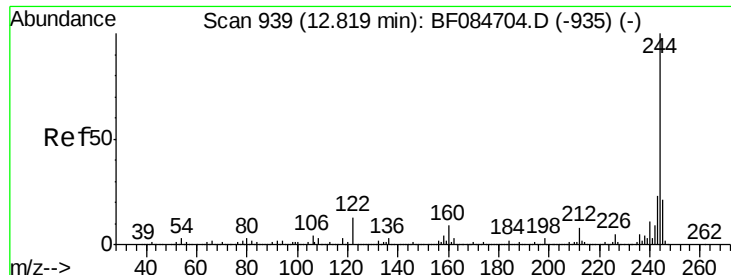
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084827.D
Acq: 4 Feb 2016 11:08

Tgt Ion:240 Resp: 376510
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 24.6 20.6 31.0



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

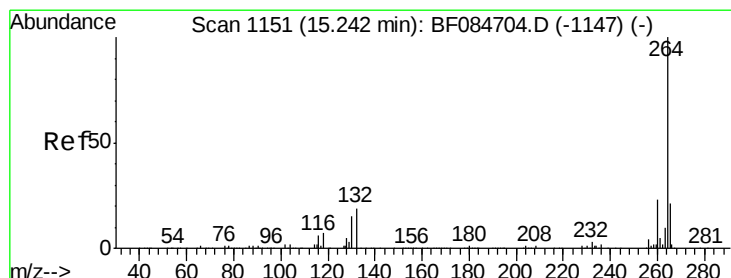
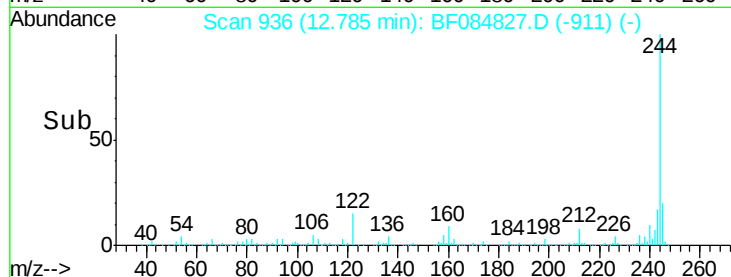
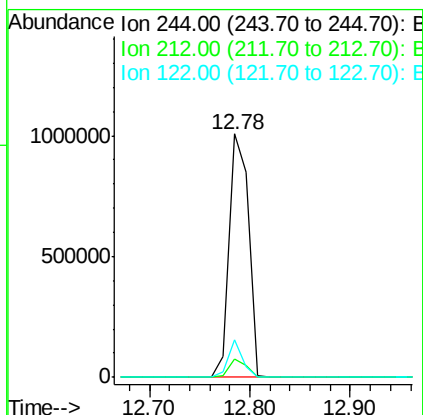
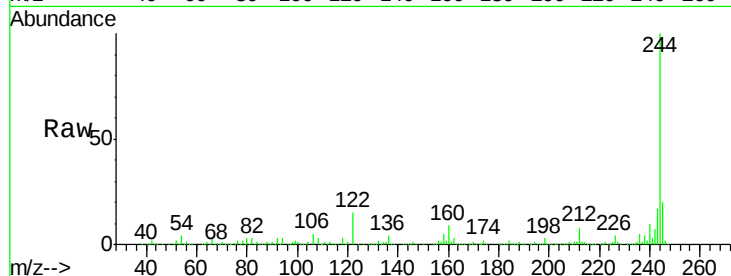




#78
 Terphenyl-d14
 Concen: 80.97 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF084827.D
 Acq: 4 Feb 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1345320
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 15.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084827.D
 Acq: 4 Feb 2016 11:08

Tgt Ion:264 Resp: 346714
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.6 17.8 26.6

