

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082024.D
 Acq On : 3 Oct 2015 16:28
 Operator : UM/IZ
 Sample : G3857-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4-COMP

Quant Time: Oct 05 01:38:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

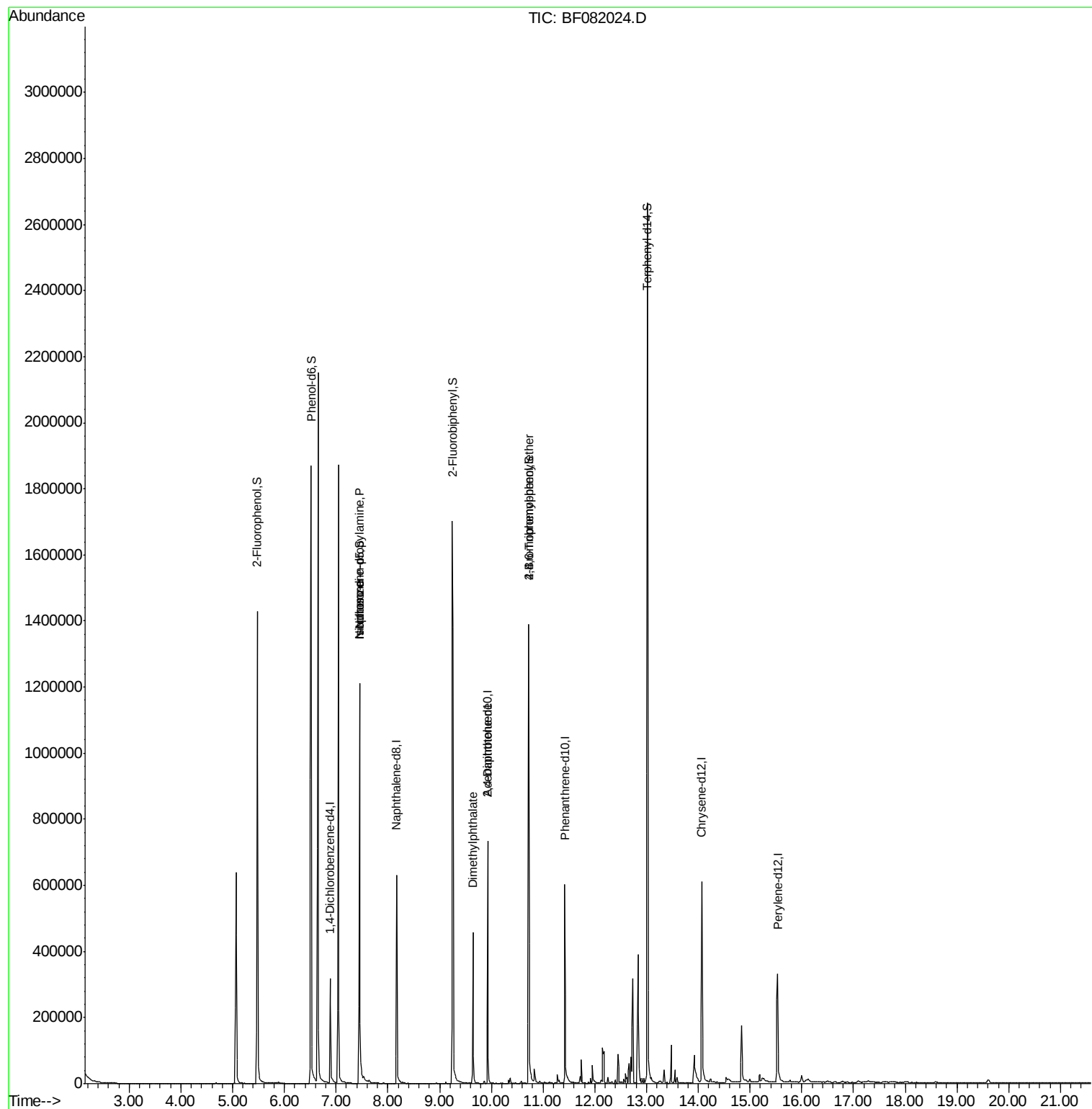
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	78650	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	322155	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	160123	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	307826	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	291136	20.00	ng	-0.05
86) Perylene-d12	15.53	264	213970	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	563837	130.14	ng	-0.04
7) Phenol-d6	6.51	99	794174	145.67	ng	-0.05
23) Nitrobenzene-d5	7.45	82	458547	94.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.72	330	194967	120.23	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	887028	94.81	ng	-0.06
78) Terphenyl-d14	13.02	244	977007	123.27	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	57585	17.38	ng	# 58
25) Isophorone	7.45	82	400252	41.79	ng	# 58
49) Dimethylphthalate	9.65	163	202240	18.30	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	19961	6.53	ng	# 31
57) Fluorene	10.72	166	8568	Below	Cal	# 88
66) 4-Bromophenyl-phenylether	10.72	248	12664	4.08	ng	# 1
70) Phenanthrene	11.44	178	872	Below	Cal	# 62
73) Di-n-butylphthalate	11.99	149	3098	Below	Cal	# 78

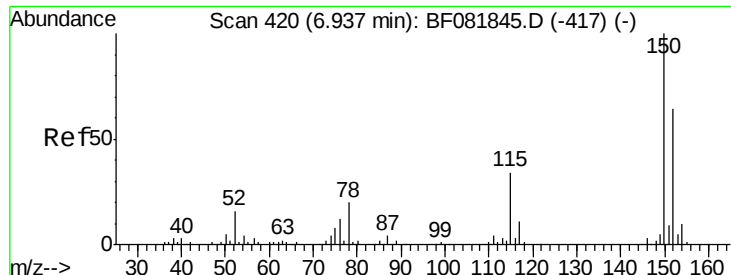
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

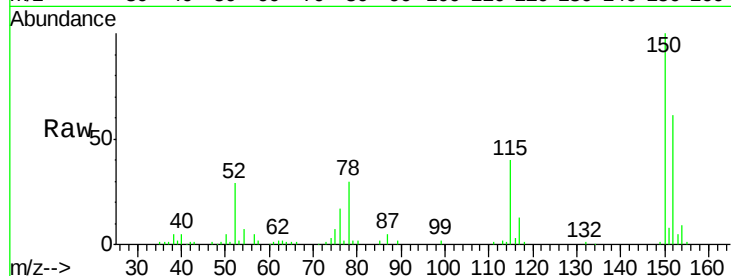
Tgt Ion:152 Resp: 78650

Ion Ratio Lower Upper

152 100

150 163.0 124.7 187.1

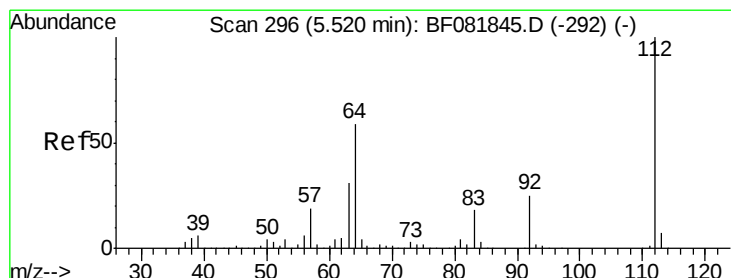
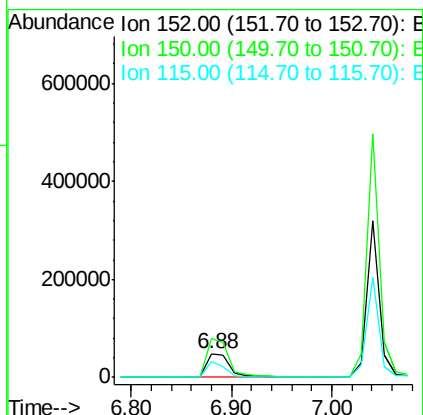
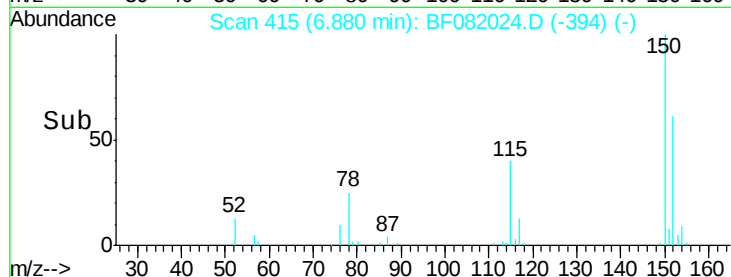
115 65.1 39.0 58.4#



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: 130.14 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

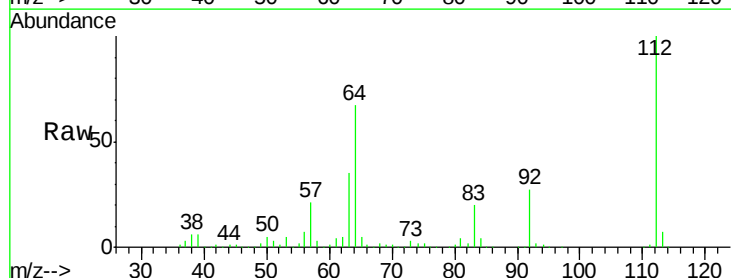
Tgt Ion:112 Resp: 563837

Ion Ratio Lower Upper

112 100

64 66.9 39.7 59.5#

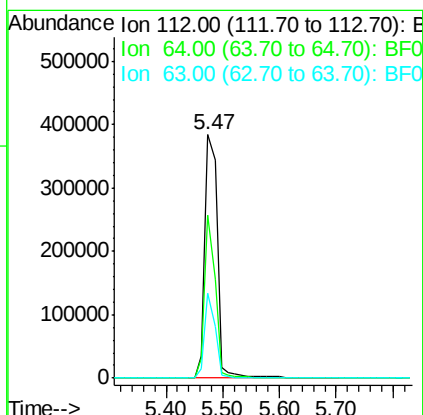
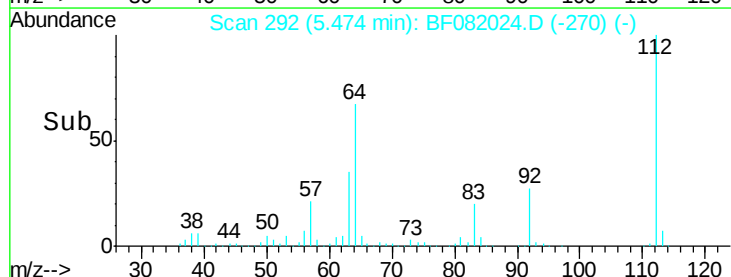
63 34.9 17.4 26.0#

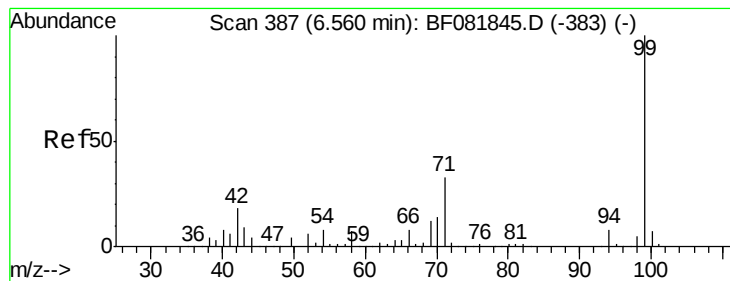


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.67 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

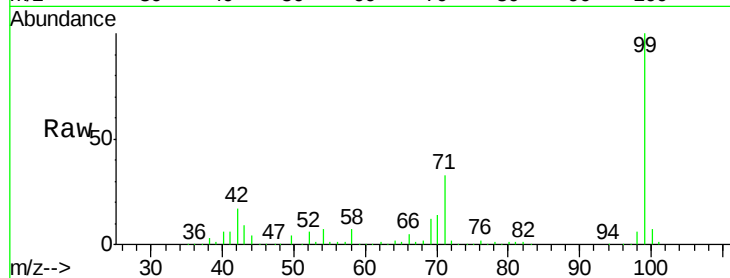
Tgt Ion: 99 Resp: 794174

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

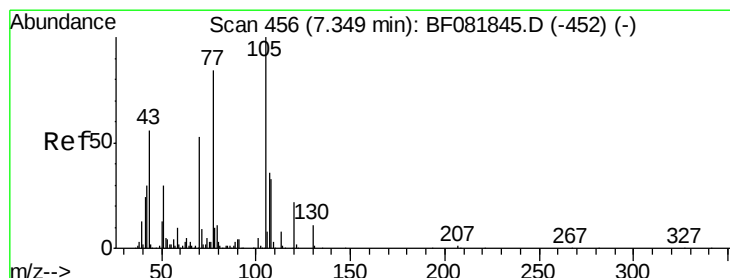
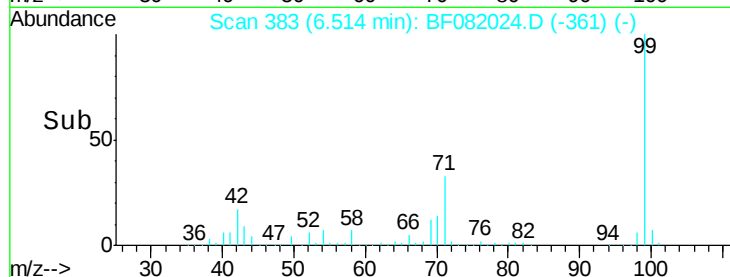
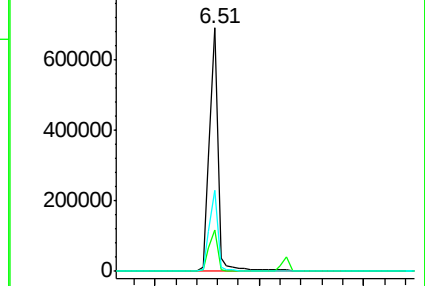
71 33.1 14.2 21.2#



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: 17.38 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Tgt Ion: 70 Resp: 57585

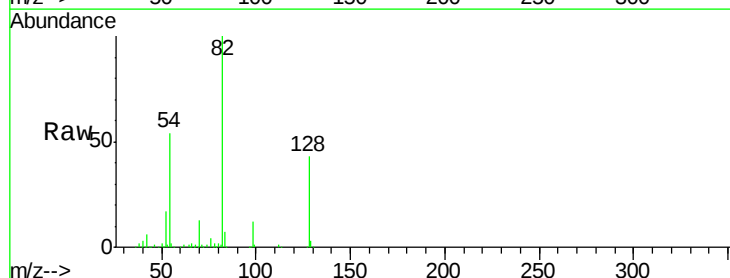
Ion Ratio Lower Upper

70 100

42 46.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

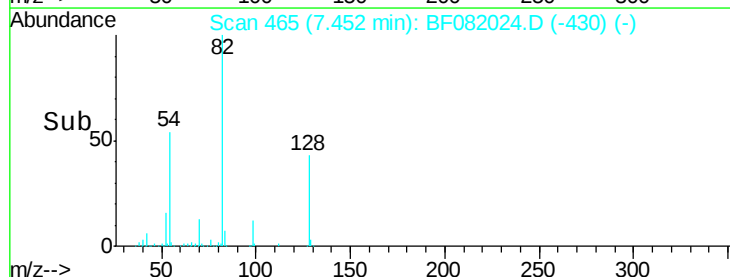
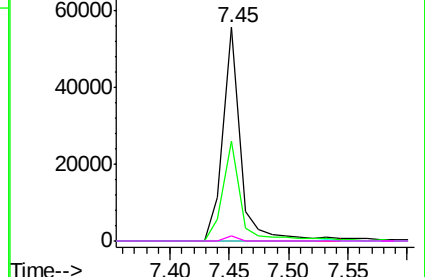


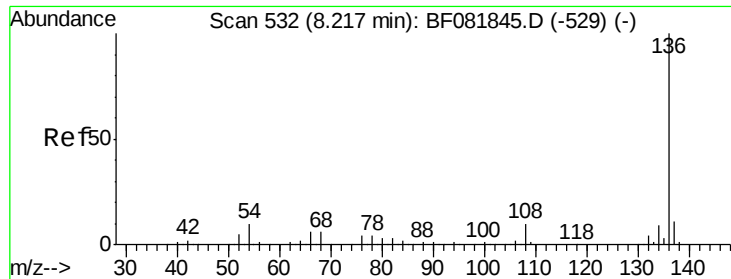
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

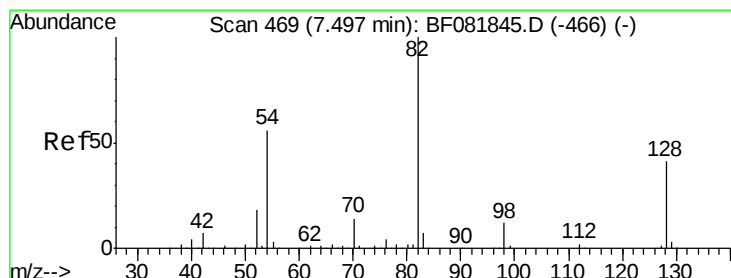
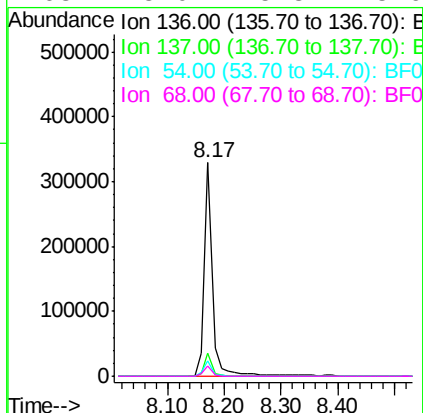
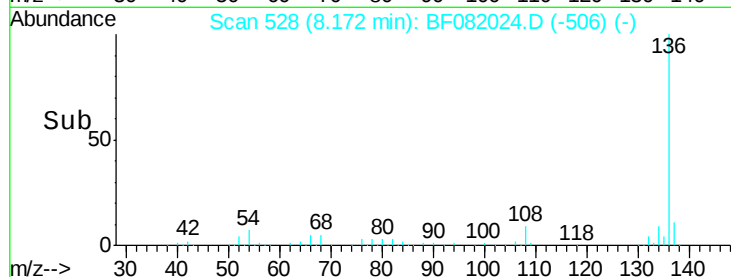
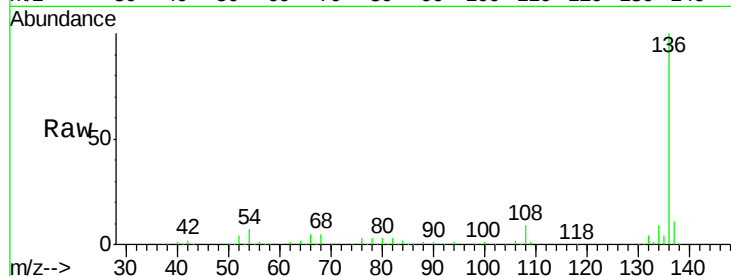




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082024.D
Acq: 3 Oct 2015 16:28

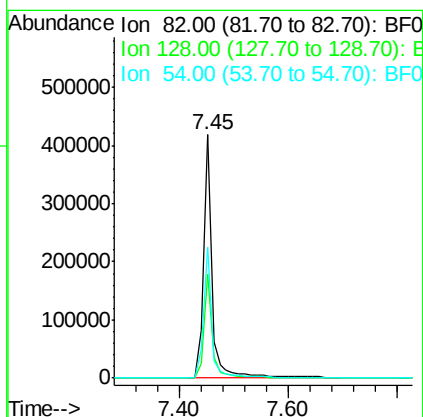
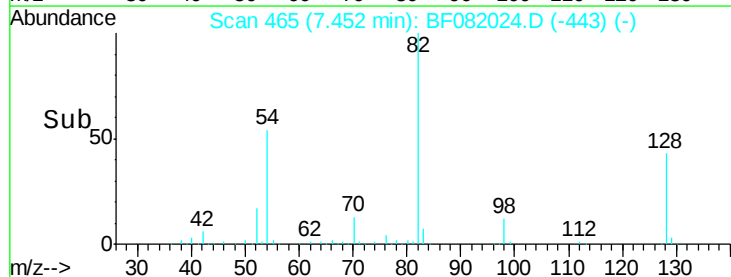
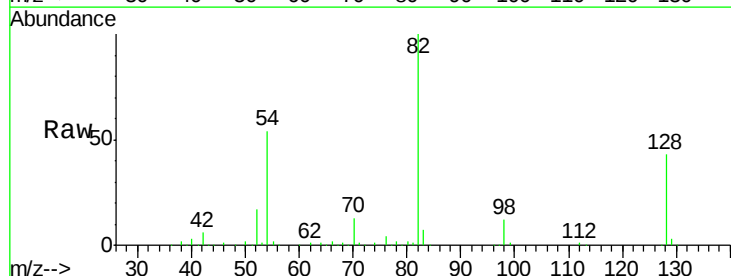
Instrument :
BNA_F
ClientSampleId :
A4-COMP

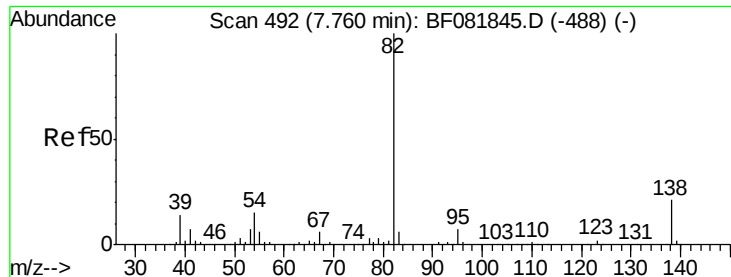
Tgt Ion:	136	Resp:	322155
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.4	8.2	12.2#
68	5.0	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 94.88 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082024.D
Acq: 3 Oct 2015 16:28

Tgt Ion:	82	Resp:	458547
Ion	Ratio	Lower	Upper
82	100		
128	42.9	51.0	76.6#
54	54.0	47.5	71.3

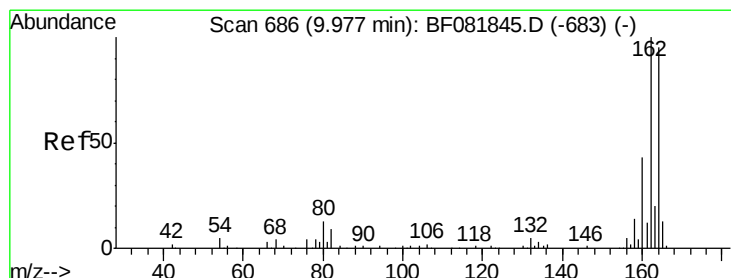
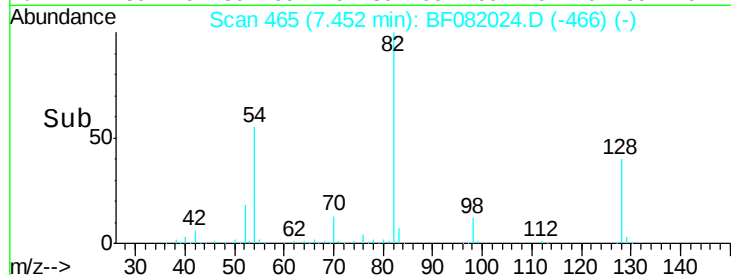
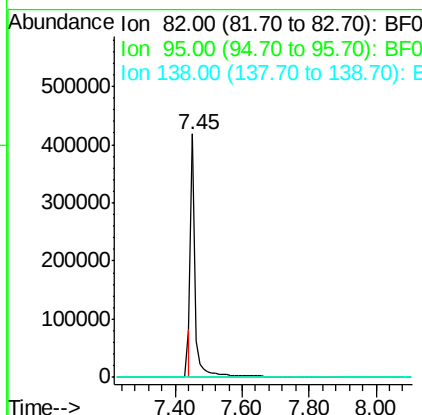
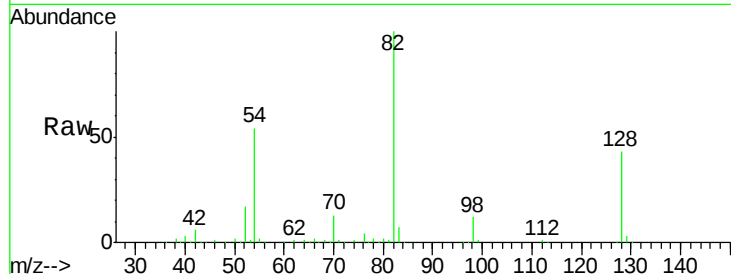




#25
Isophorone
Concen: 41.79 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF082024.D
Acq: 3 Oct 2015 16:28

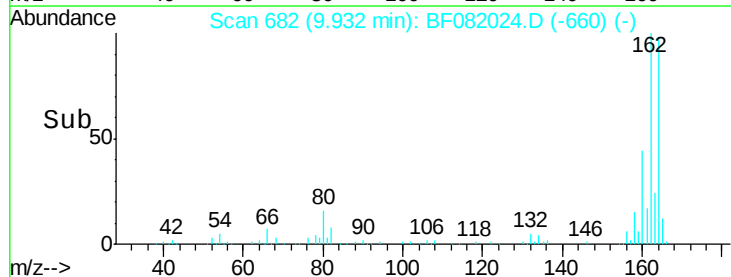
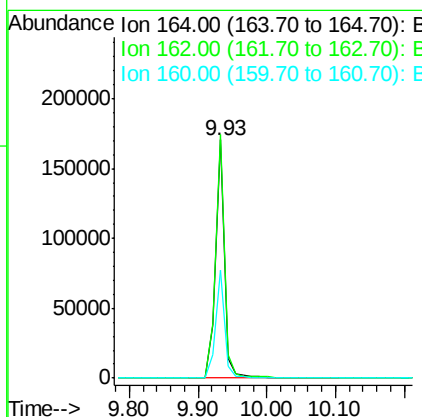
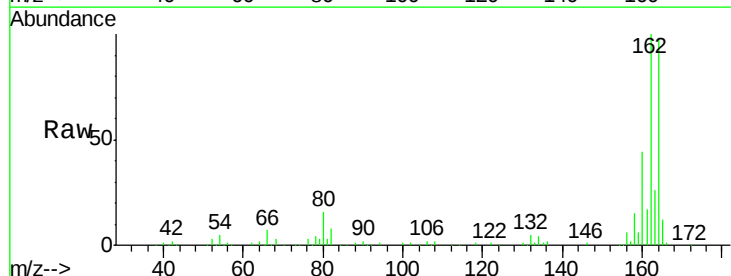
Instrument :
BNA_F
ClientSampleId :
A4-COMP

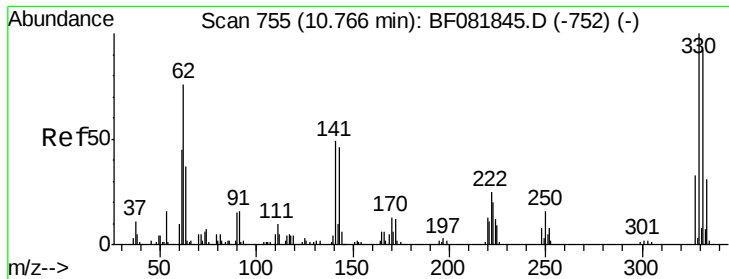
Tgt Ion: 82 Resp: 400252
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082024.D
Acq: 3 Oct 2015 16:28

Tgt Ion: 164 Resp: 160123
Ion Ratio Lower Upper
164 100
162 102.2 75.2 112.8
160 45.3 31.5 47.3

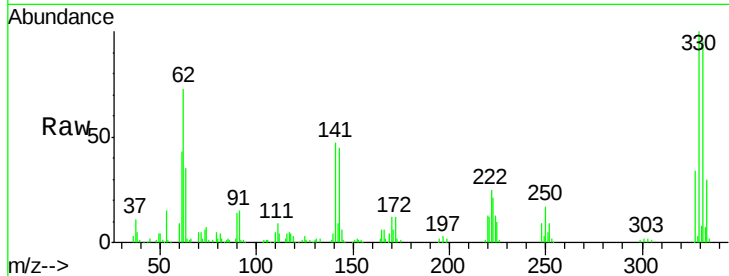




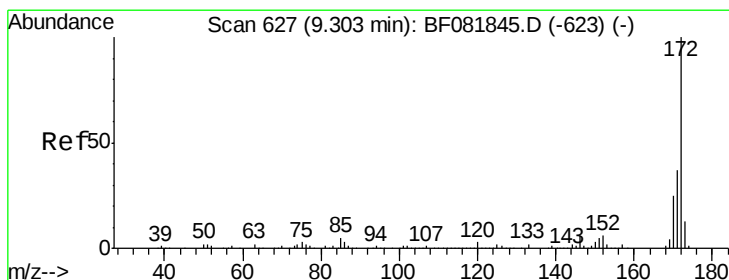
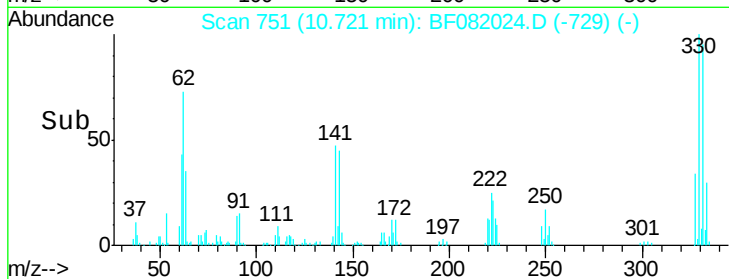
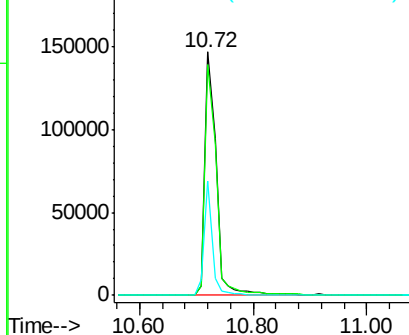
#41
 2,4,6-Tribromophenol
 Concen: 120.23 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF082024.D
 Acq: 3 Oct 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :
 A4-COMP

Tgt Ion:330 Resp: 194967
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 34.8 29.7 44.5

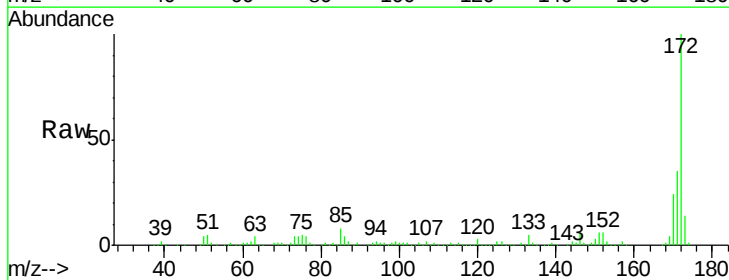


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

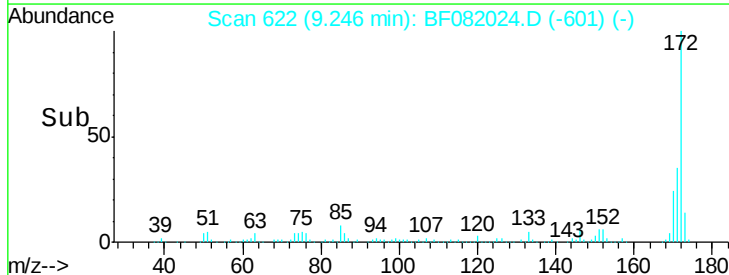
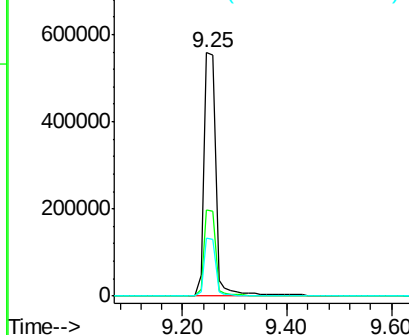


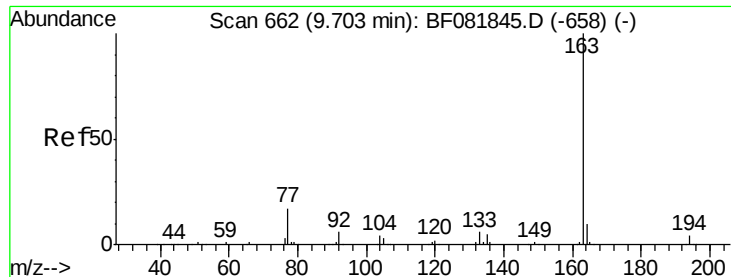
#44
 2-Fluorobiphenyl
 Concen: 94.81 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF082024.D
 Acq: 3 Oct 2015 16:28

Tgt Ion:172 Resp: 887028
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.0 17.4 26.2



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: 18.30 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

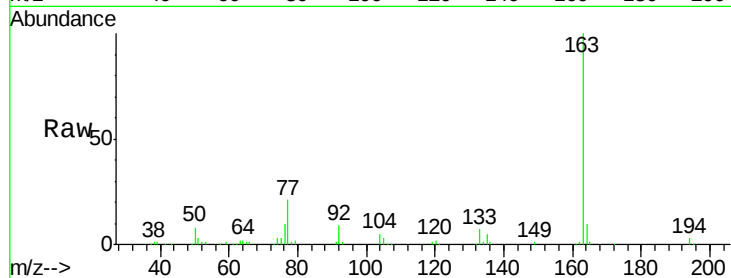
Tgt Ion:163 Resp: 202240

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

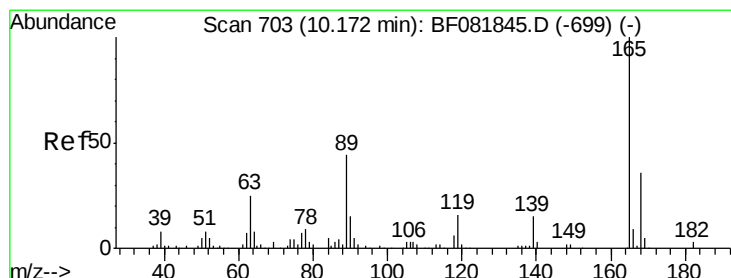
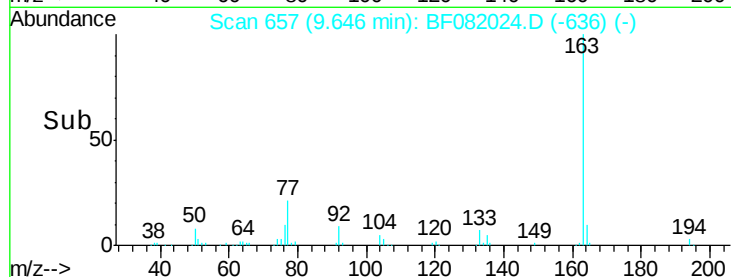
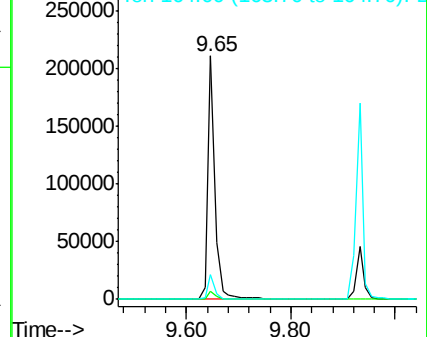
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.53 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Tgt Ion:165 Resp: 19961

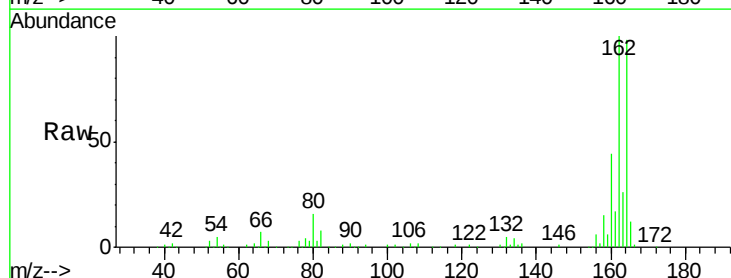
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

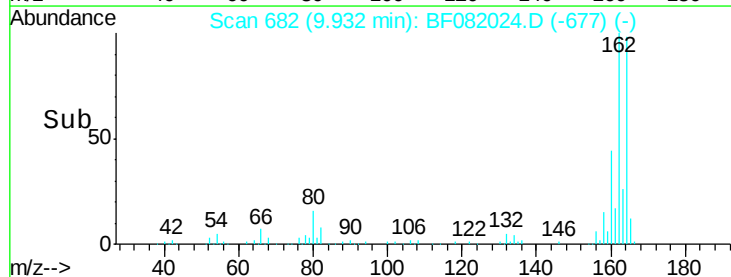
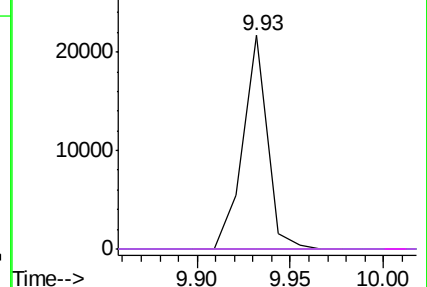


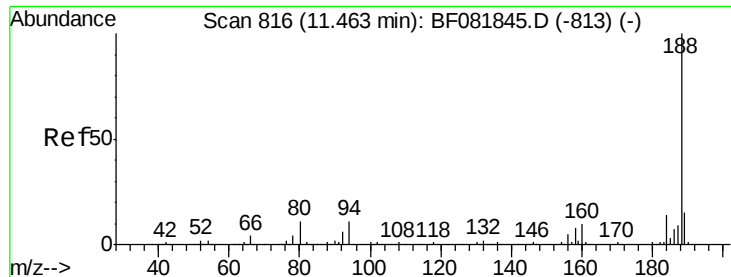
Abundance Ion 165.00 (164.70 to 165.70): E

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

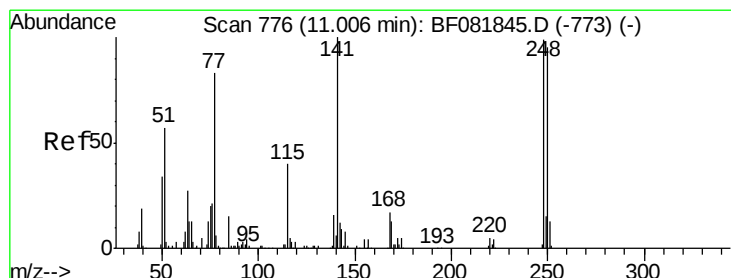
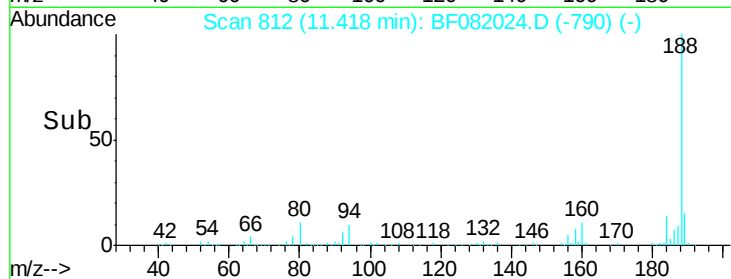
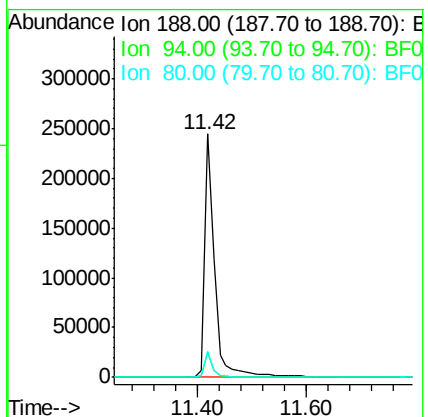
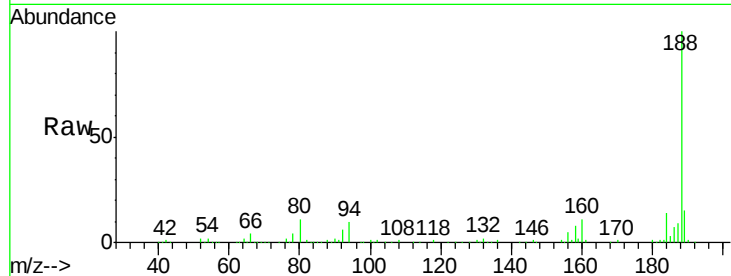




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF082024.D
Acq: 3 Oct 2015 16:28

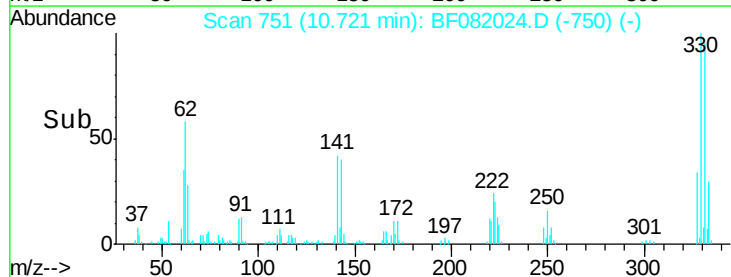
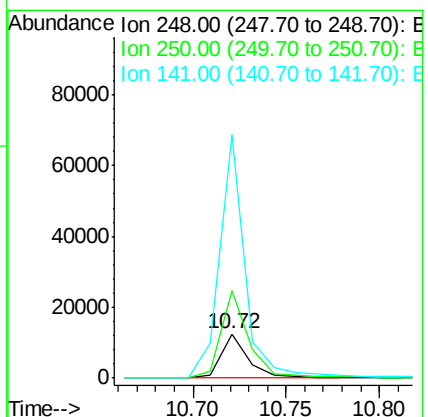
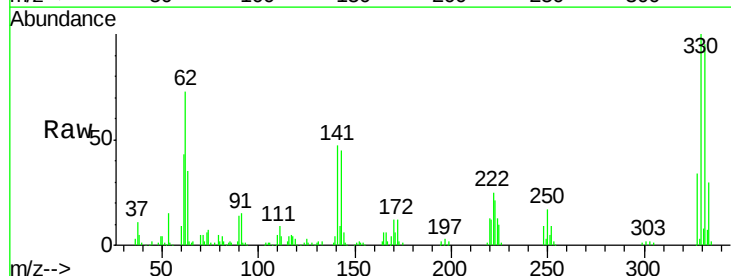
Instrument :
BNA_F
ClientSampleId :
A4-COMP

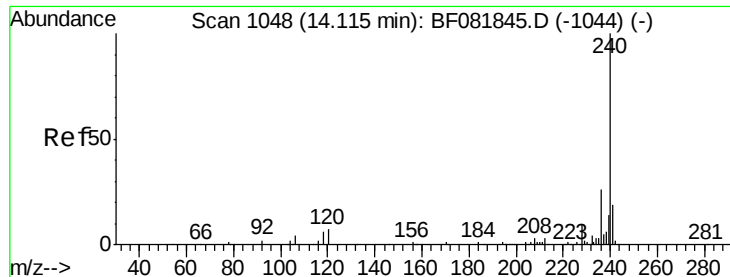
Tgt Ion:188 Resp: 307826
Ion Ratio Lower Upper
188 100
94 10.4 11.1 16.7#
80 10.8 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF082024.D
Acq: 3 Oct 2015 16:28

Tgt Ion:248 Resp: 12664
Ion Ratio Lower Upper
248 100
250 197.3 78.5 117.7#
141 547.2 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

Instrument :

BNA_F

ClientSampleId :

A4-COMP

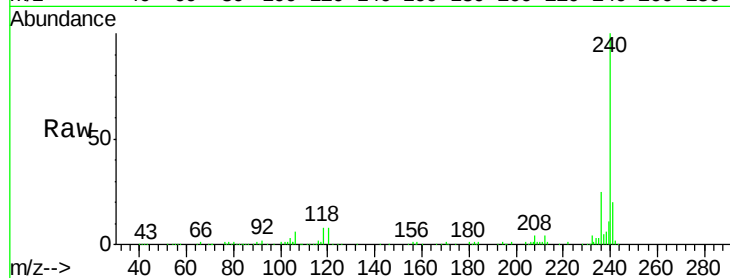
Tgt Ion:240 Resp: 291136

Ion Ratio Lower Upper

240 100

120 8.3 16.2 24.2#

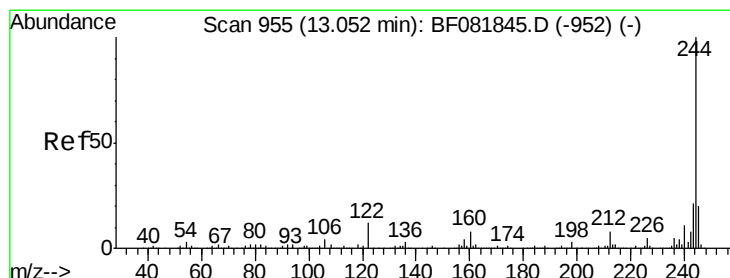
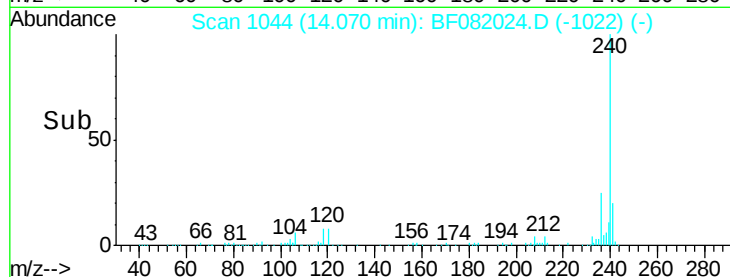
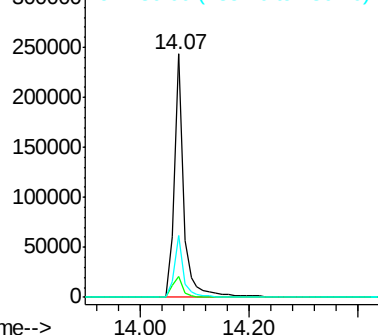
236 25.5 18.4 27.6



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: 123.27 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082024.D

Acq: 3 Oct 2015 16:28

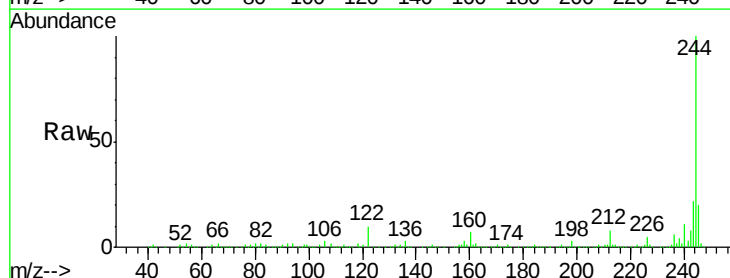
Tgt Ion:244 Resp: 977007

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

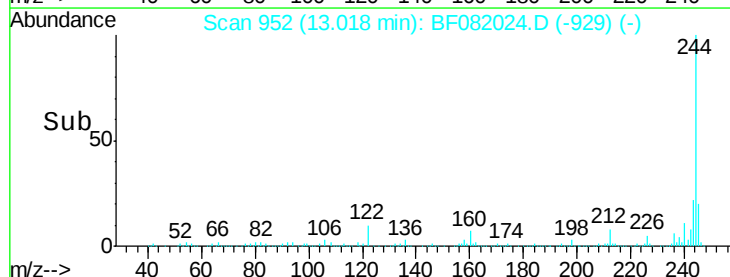
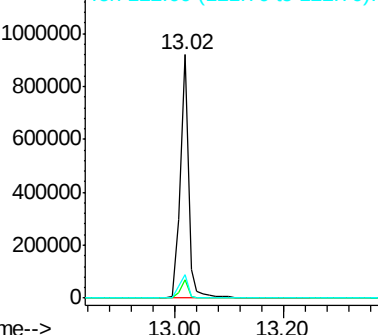
122 9.8 17.4 26.2#

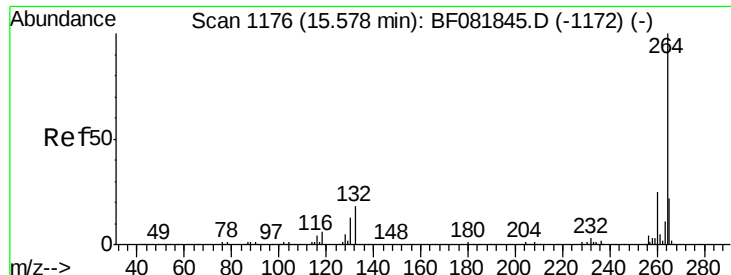


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

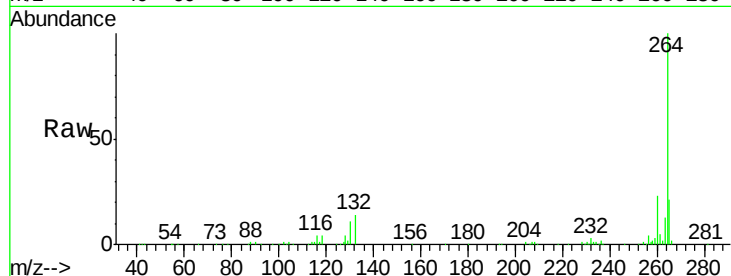




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082024.D
Acq: 3 Oct 2015 16:28

Instrument :
BNA_F
ClientSampleId :
A4-COMP

Tgt Ion: 264 Resp: 213970
Ion Ratio Lower Upper
264 100
260 23.4 16.7 25.1
265 21.1 17.2 25.8



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

