

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
 Data File : BF090122.D
 Acq On : 19 Sep 2016 16:03
 Operator : UM/SJ
 Sample : H4824-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 01

Quant Time: Sep 19 17:44:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

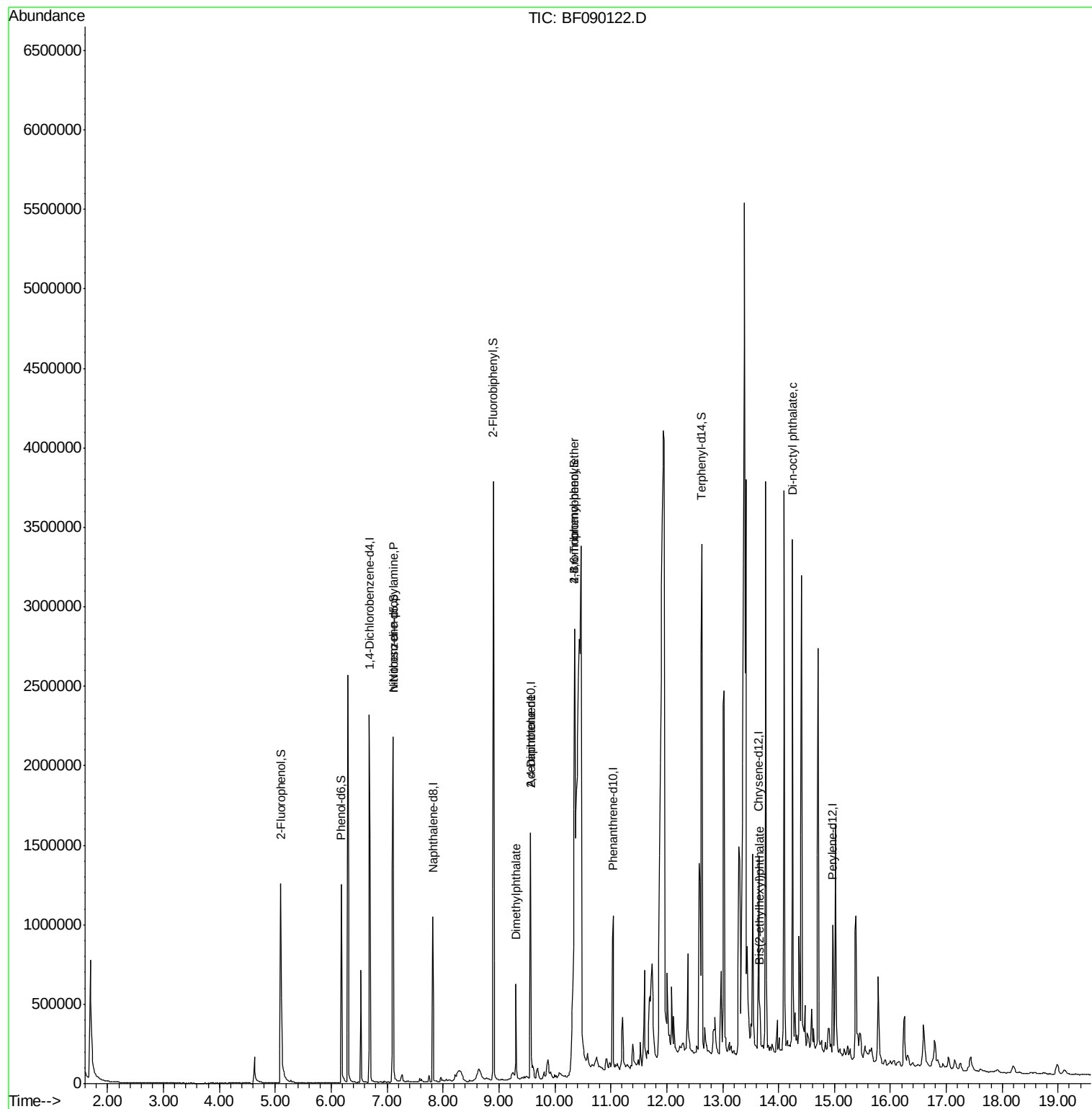
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	505804	20.00	ng	0.14
21) Naphthalene-d8	7.82	136	563316	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	319038	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	510463	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	456003	20.00	ng	-0.02
86) Perylene-d12	14.97	264	382385	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	602597	19.16	ng	-0.02
7) Phenol-d6	6.18	99	500072	12.15	ng	-0.02
23) Nitrobenzene-d5	7.11	82	1008720	100.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	323780	101.03	ng	-0.02
44) 2-Fluorobiphenyl	8.90	172	1387401	68.30	ng	-0.02
78) Terphenyl-d14	12.63	244	1492294	77.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.11	70	124651	4.87	ng	# 77
49) Dimethylphthalate	9.30	163	230861	9.74	ng	99
56) 2,4-Dinitrotoluene	9.56	165	41746	6.47	ng	# 15
66) 4-Bromophenyl-phenylether	10.35	248	19492	3.96	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.67	149	70631	3.45	ng	# 99
84) Di-n-octyl phthalate	14.25	149	369068	10.07	ng	# 64

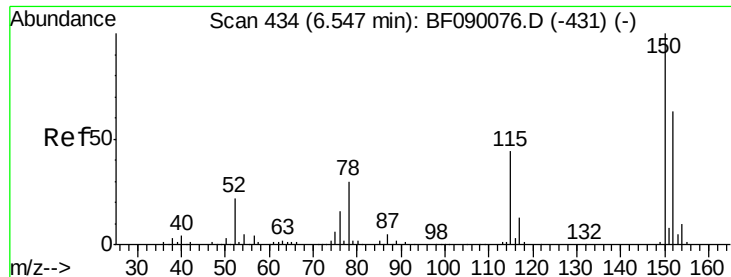
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091916\
Data File : BF090122.D
Acq On : 19 Sep 2016 16:03
Operator : UM/SJ
Sample : H4824-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
01

Quant Time: Sep 19 17:44:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration



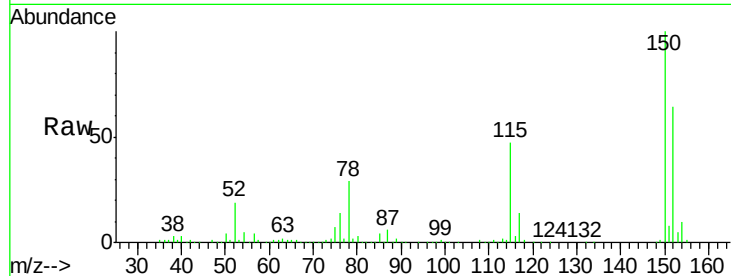


#1

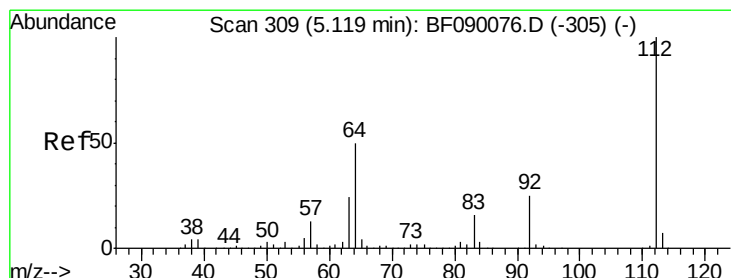
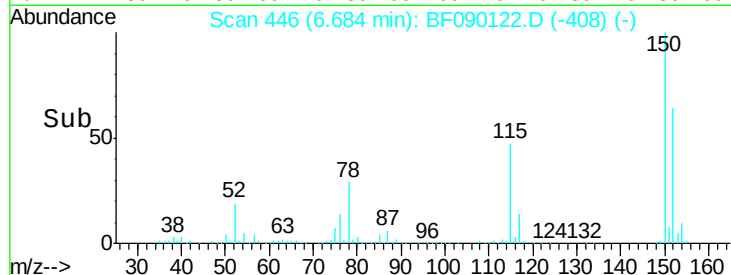
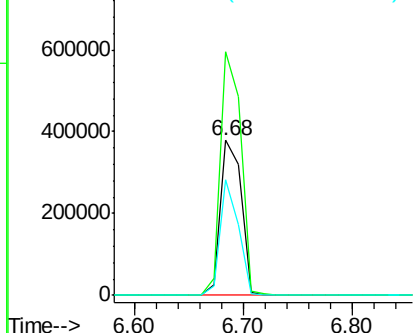
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Instrument :
BNA_F
ClientSampleId :
01

Tgt Ion:152 Resp: 505804
Ion Ratio Lower Upper
152 100
150 157.1 128.9 193.3
115 74.3 55.5 83.3



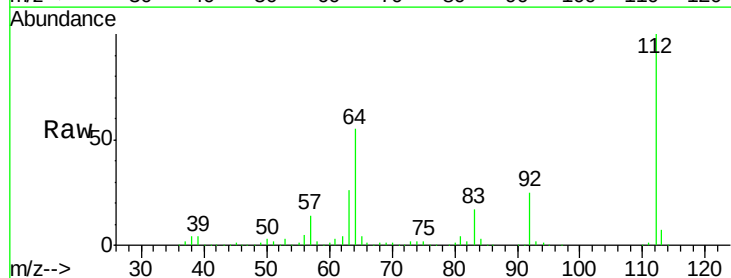
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



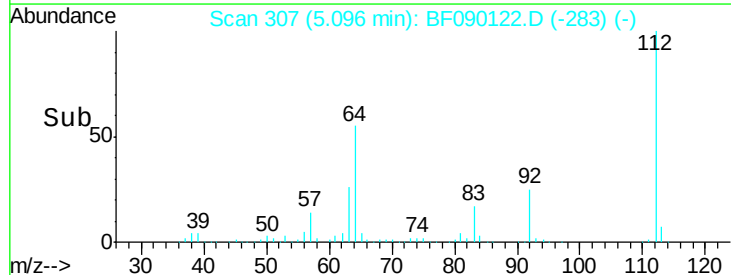
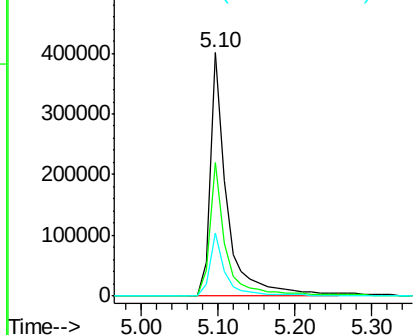
#5

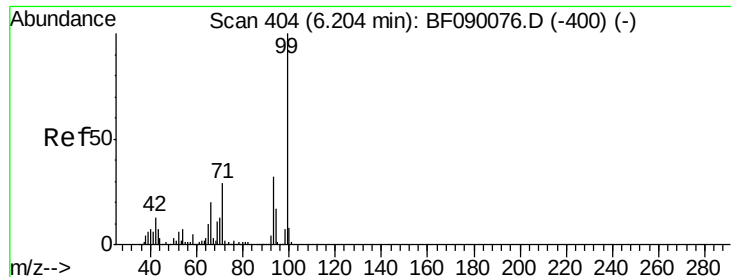
2-Fluorophenol
Concen: 19.16 ng
RT: 5.10 min Scan# 307
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:112 Resp: 602597
Ion Ratio Lower Upper
112 100
64 54.8 39.8 59.6
63 25.9 18.9 28.3



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: 12.15 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF090122.D

Acq: 19 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

01

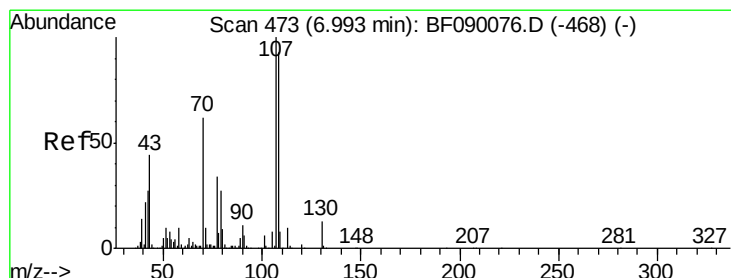
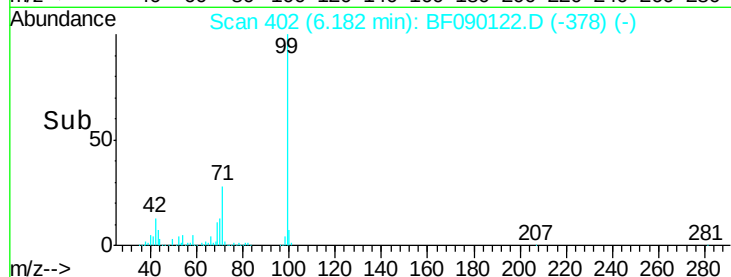
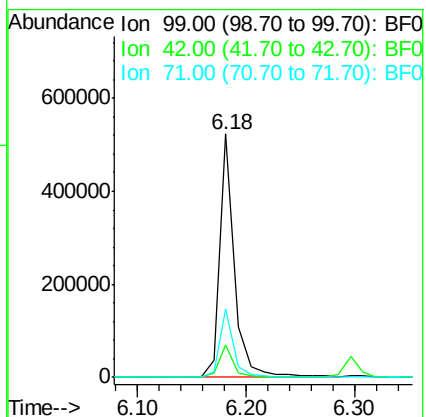
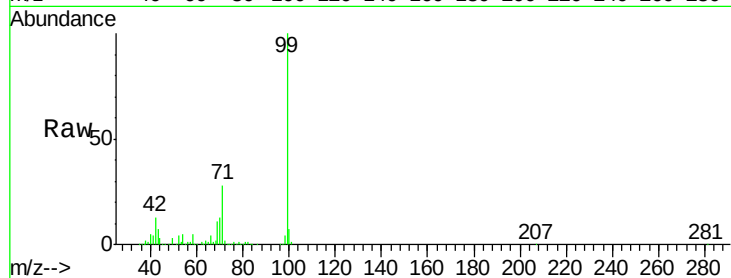
Tgt Ion: 99 Resp: 500072

Ion Ratio Lower Upper

99 100

42 13.1 10.6 15.8

71 28.2 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 4.87 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF090122.D

Acq: 19 Sep 2016 16:03

Tgt Ion: 70 Resp: 124651

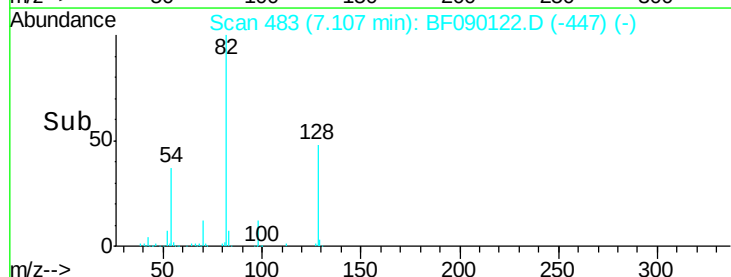
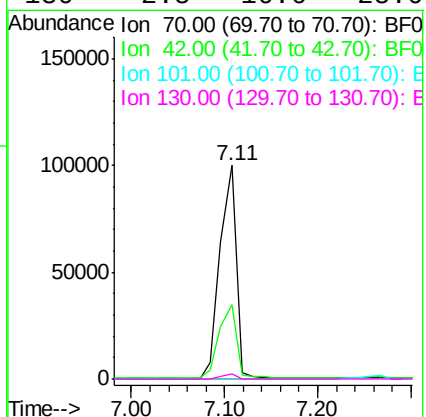
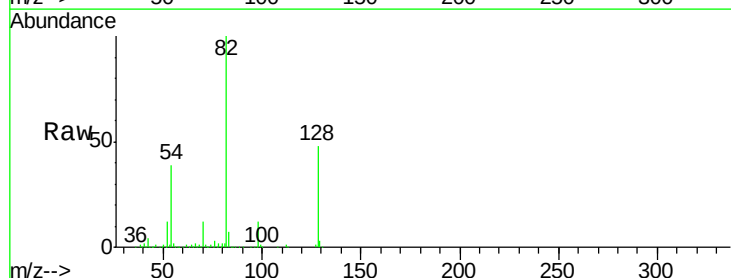
Ion Ratio Lower Upper

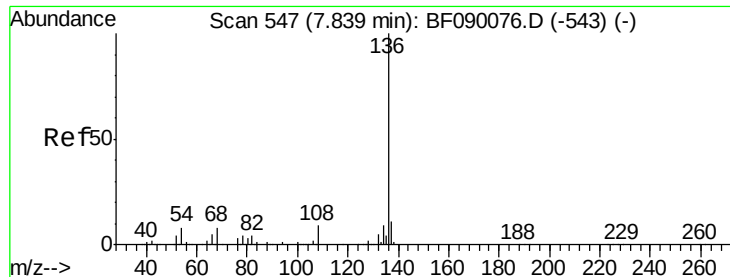
70 100

42 34.9 35.1 52.7#

101 0.0 7.5 11.3#

130 2.5 16.6 25.0#

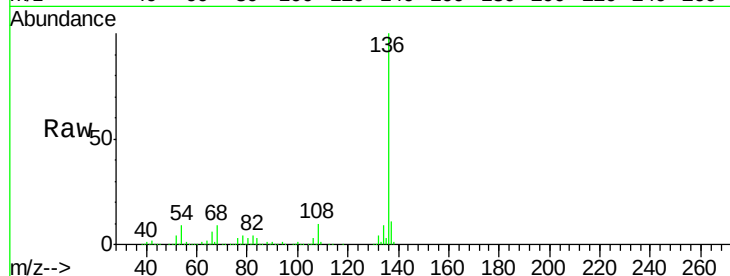




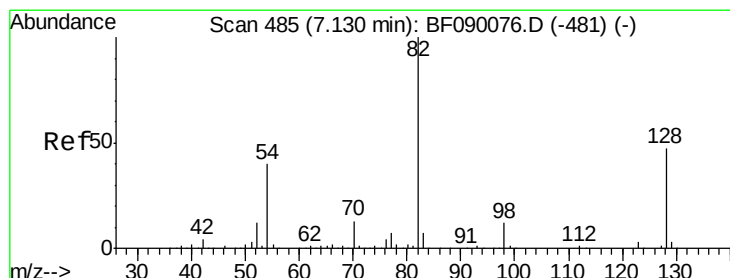
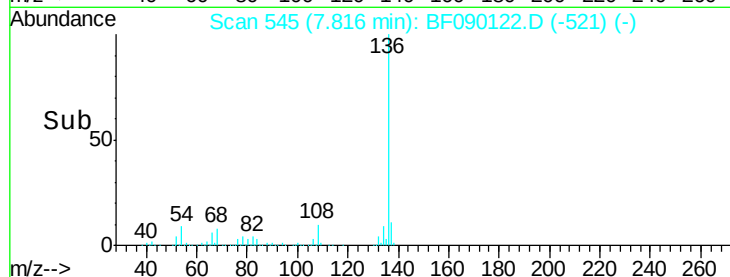
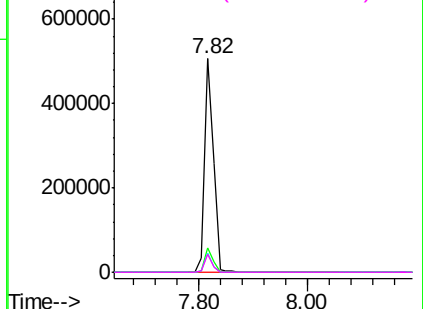
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Instrument :
BNA_F
ClientSampleId :
01

Tgt Ion:	136	Resp:	563316
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.7	6.4	9.6
68	8.6	6.3	9.5

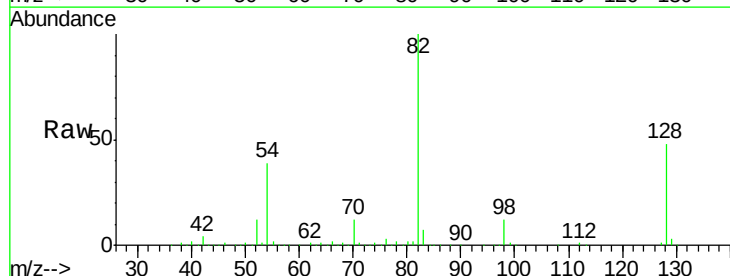


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

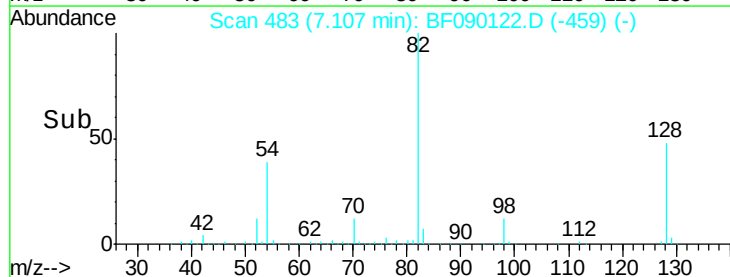
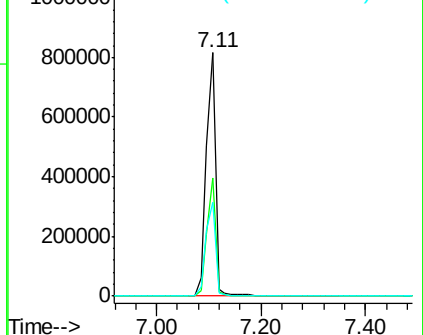


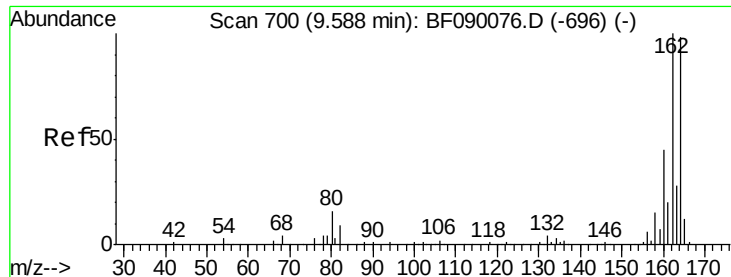
#23
Nitrobenzene-d5
Concen: 100.68 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:	82	Resp:	1008720
Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.5	56.3
54	38.7	31.9	47.9



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: 9.56 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF090122.D

Acq: 19 Sep 2016 16:03

Instrument :

BNA_F

ClientSampled :

01

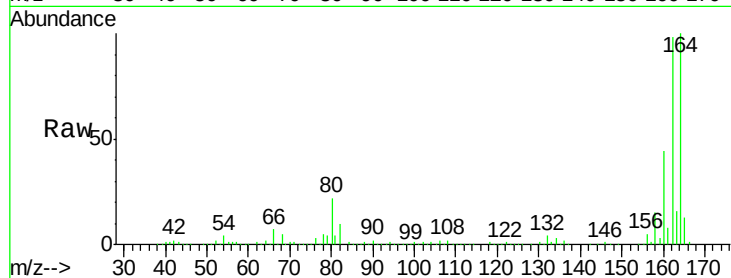
Tgt Ion:164 Resp: 319038

Ion Ratio Lower Upper

164 100

162 98.5 81.4 122.2

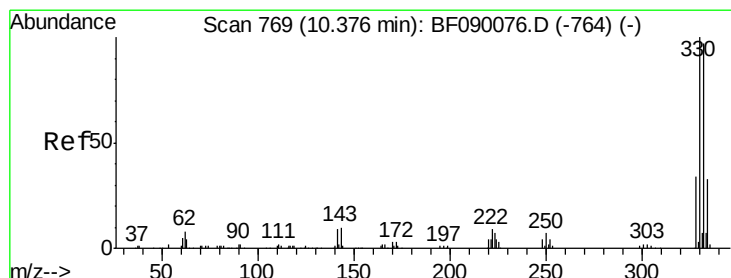
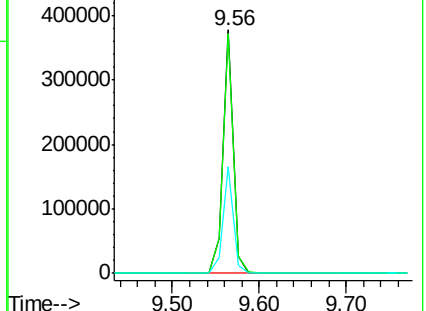
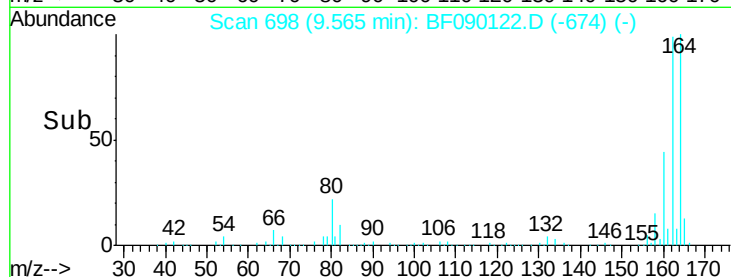
160 44.0 36.6 54.8



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: 101.03 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF090122.D

Acq: 19 Sep 2016 16:03

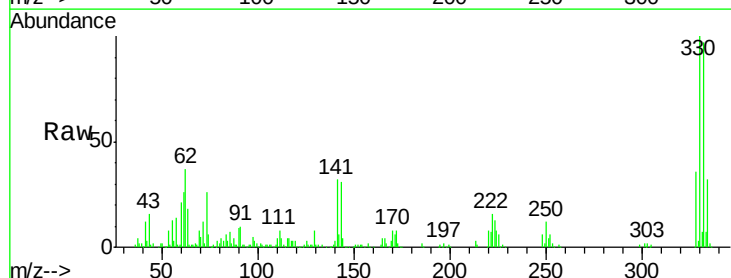
Tgt Ion:330 Resp: 323780

Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

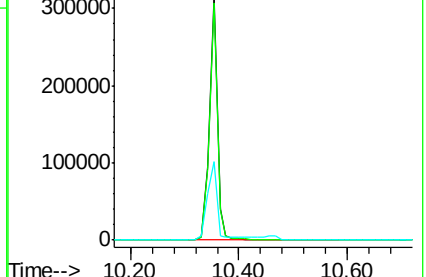
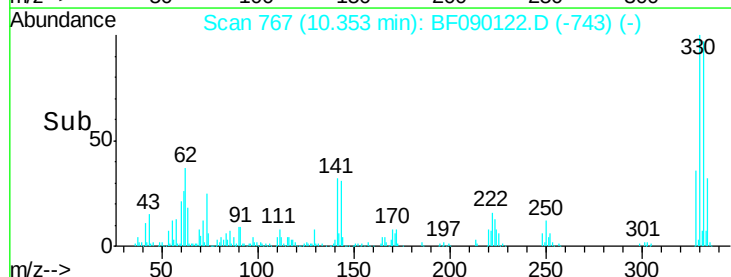
141 39.4 23.9 35.9#

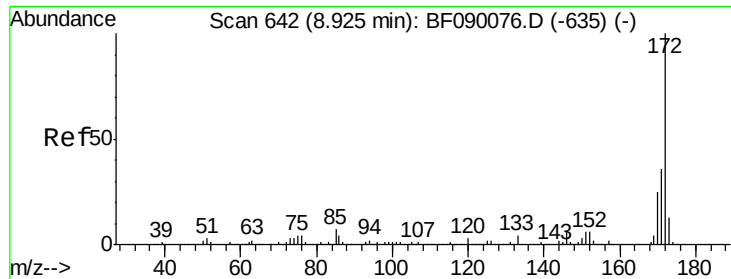


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

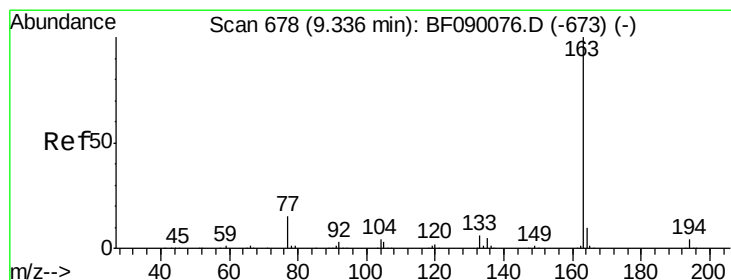
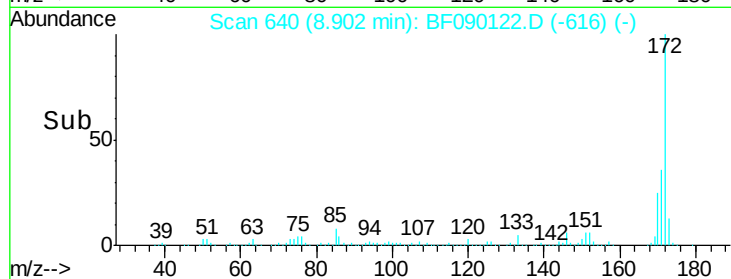
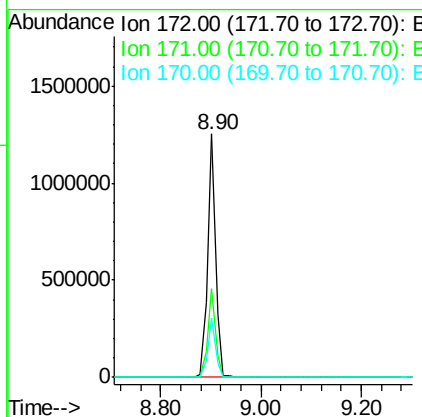
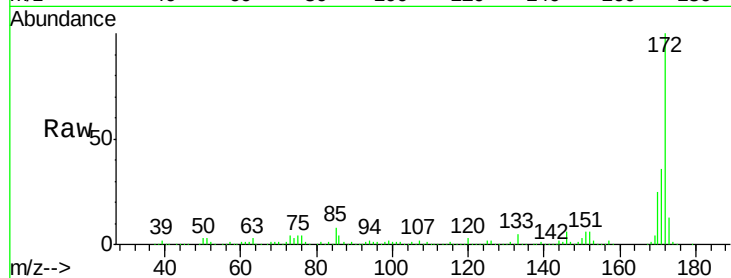




#44
 2-Fluorobiphenyl
 Concen: 68.30 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF090122.D
 Acq: 19 Sep 2016 16:03

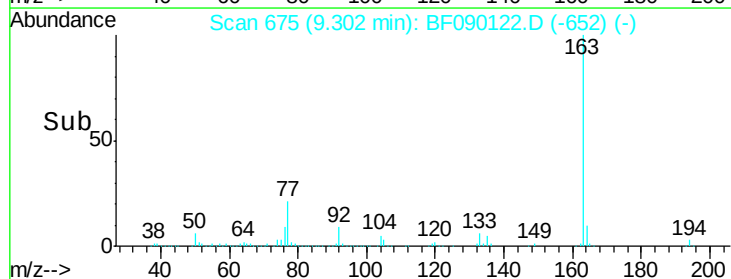
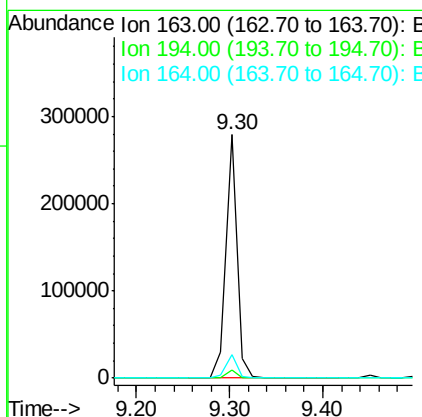
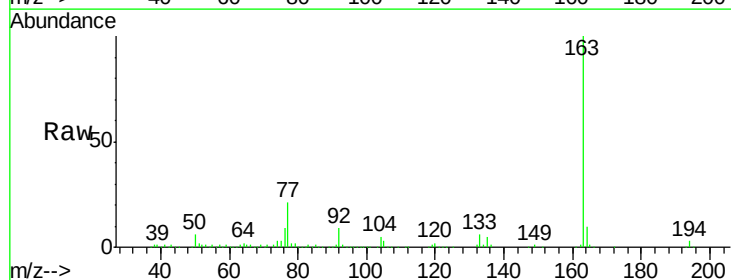
Instrument :
 BNA_F
 ClientSampleId :
 01

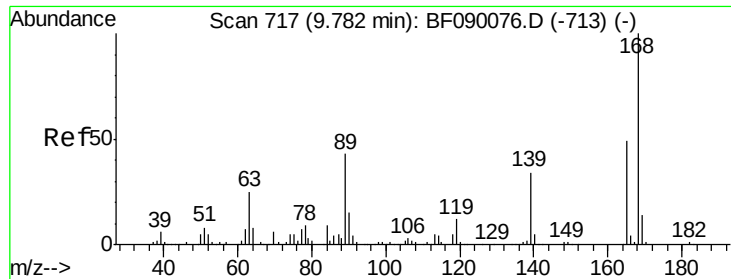
Tgt Ion:172 Resp: 1387401
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 24.6 19.8 29.8



#49
 Dimethylphthalate
 Concen: 9.74 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF090122.D
 Acq: 19 Sep 2016 16:03

Tgt Ion:163 Resp: 230861
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 9.8 8.1 12.1

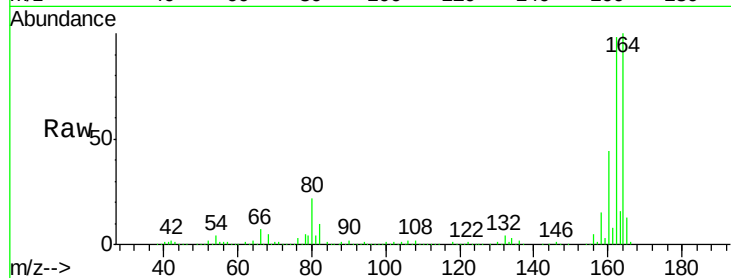




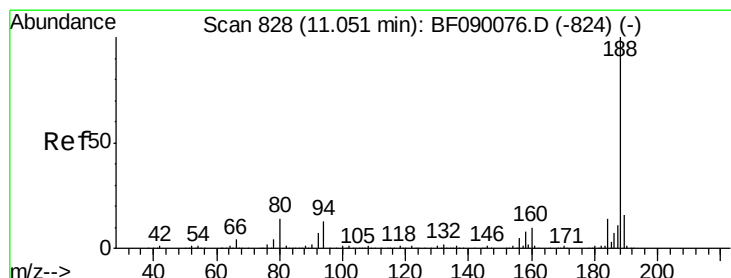
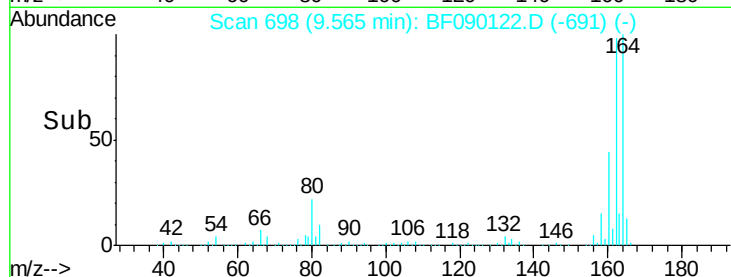
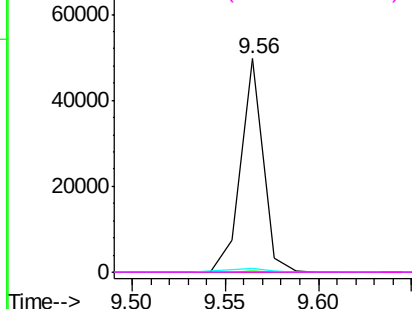
#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.22 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Instrument :
BNA_F
ClientSampleId :
01

Tgt Ion:165 Resp: 41746
Ion Ratio Lower Upper
165 100
63 0.8 44.4 66.6#
89 1.5 70.1 105.1#
182 0.0 1.7 2.5#

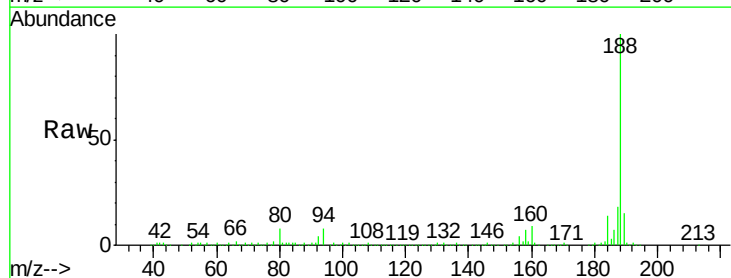


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

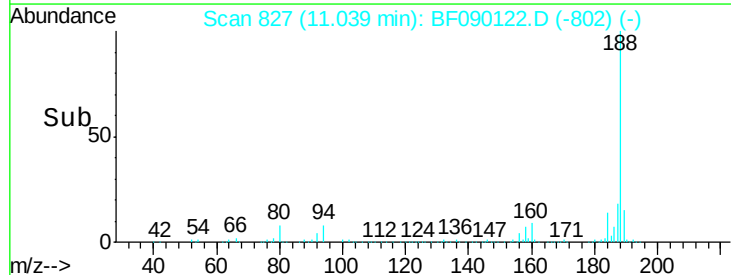
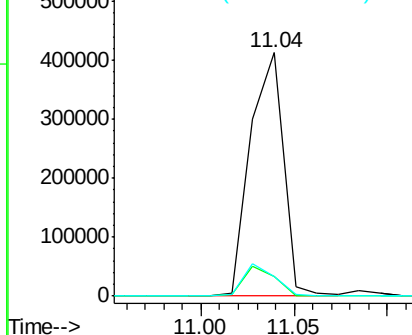


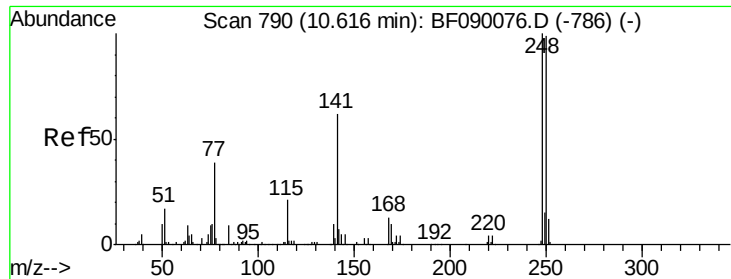
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:188 Resp: 510463
Ion Ratio Lower Upper
188 100
94 8.1 10.5 15.7#
80 7.9 11.2 16.8#



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: 3.96 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.26 min

Lab File: BF090122.D

Acq: 19 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

01

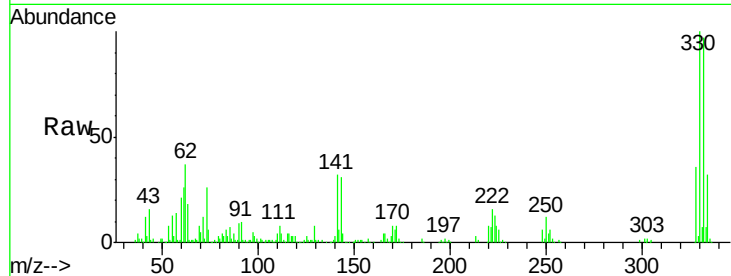
Tgt Ion:248 Resp: 19492

Ion Ratio Lower Upper

248 100

250 197.8 79.4 119.2#

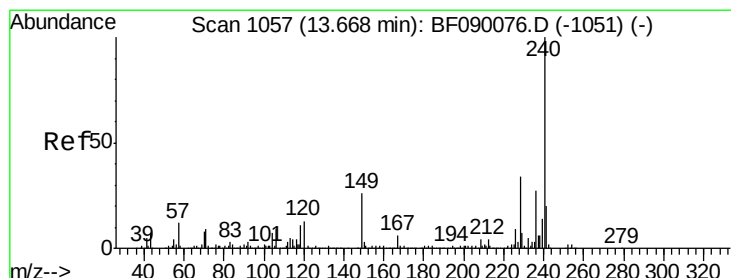
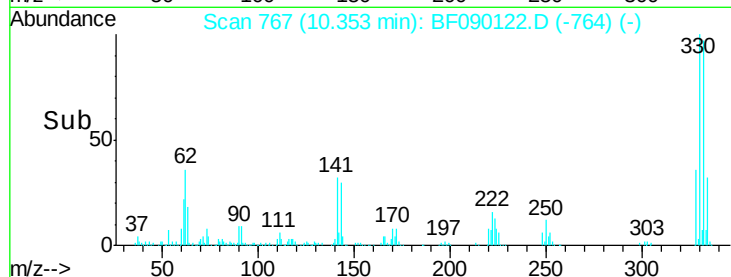
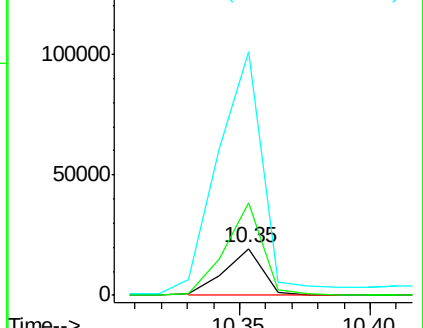
141 521.4 49.3 73.9#



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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF090122.D

Acq: 19 Sep 2016 16:03

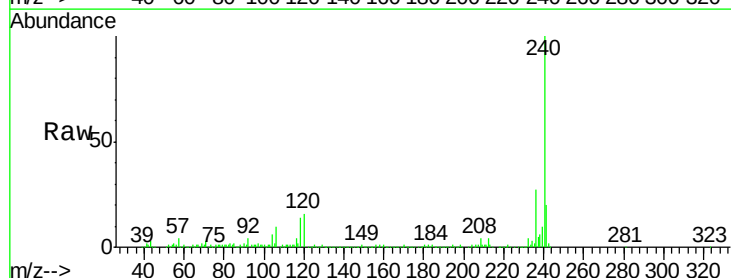
Tgt Ion:240 Resp: 456003

Ion Ratio Lower Upper

240 100

120 15.8 10.6 16.0

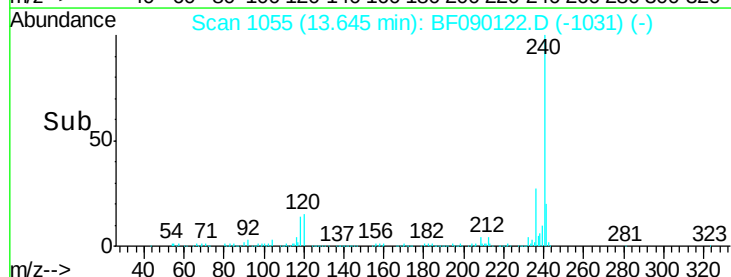
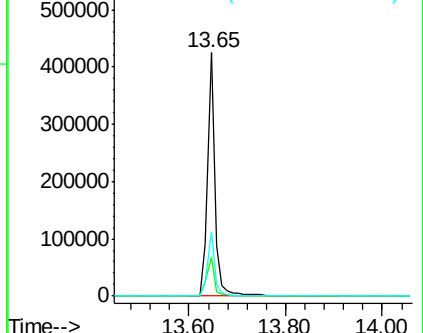
236 26.5 21.6 32.4

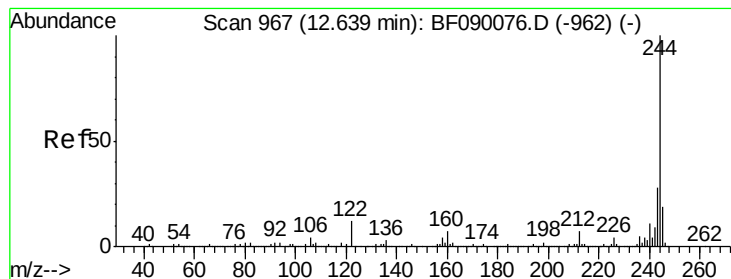


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.72 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090122.D

Acq: 19 Sep 2016 16:03

Instrument :

BNA_F

ClientSampled :

01

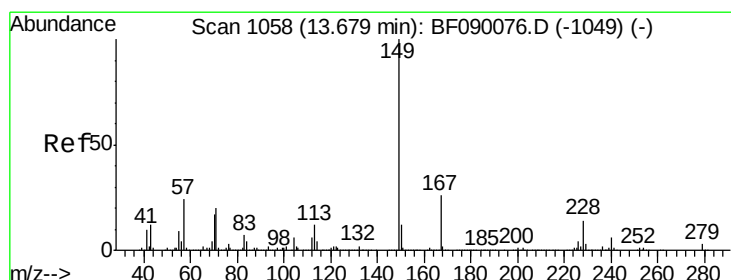
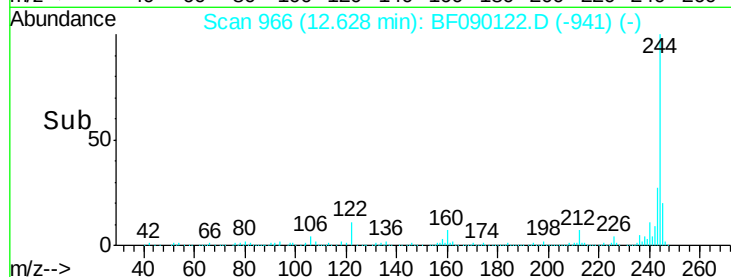
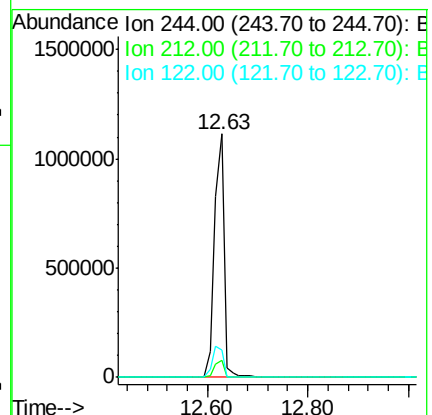
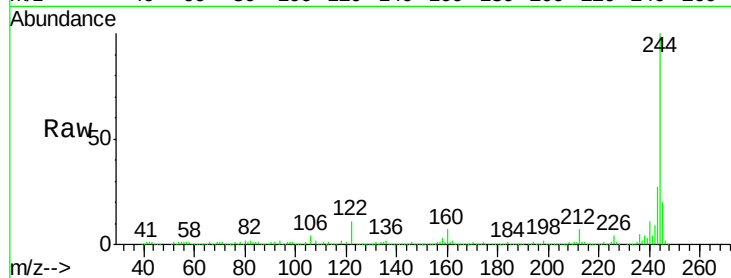
Tgt Ion:244 Resp: 1492294

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 11.2 9.4 14.0



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.45 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF090122.D

Acq: 19 Sep 2016 16:03

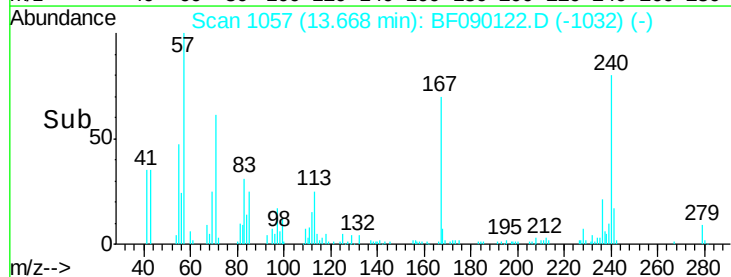
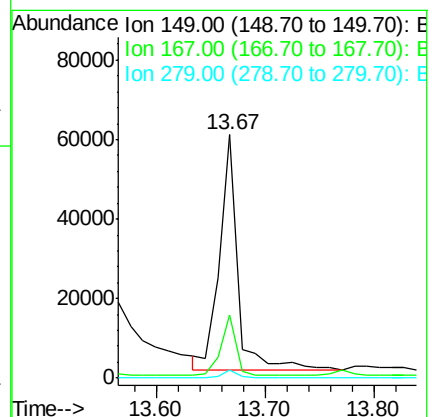
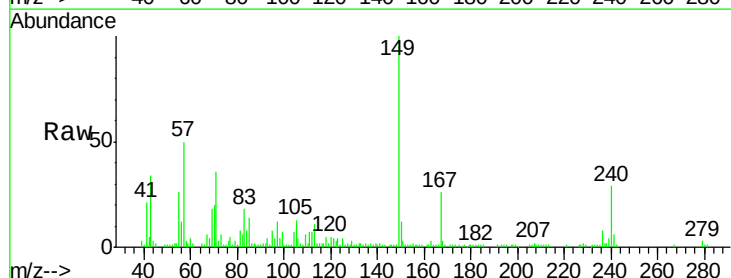
Tgt Ion:149 Resp: 70631

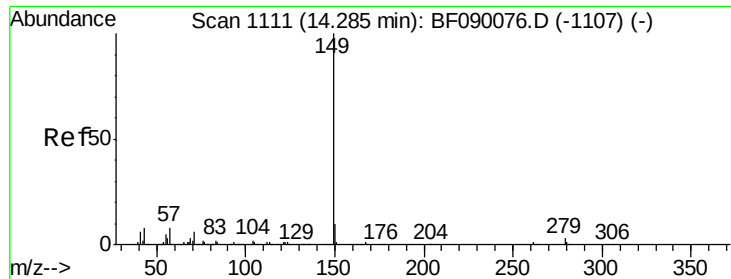
Ion Ratio Lower Upper

149 100

167 26.1 21.2 31.8

279 3.4 2.2 3.2#

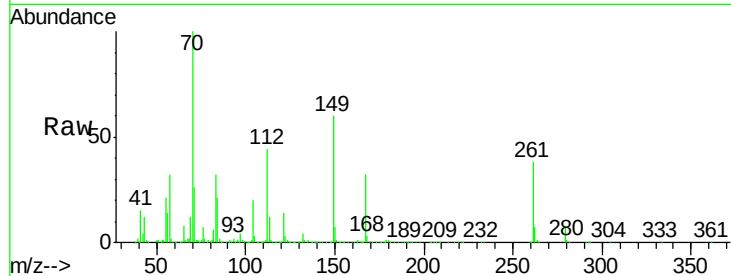




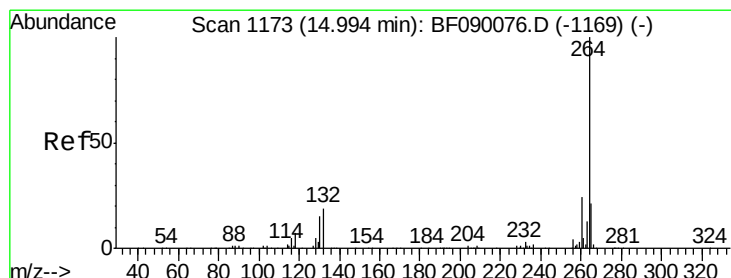
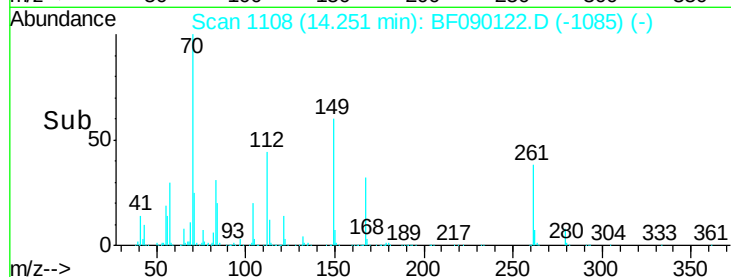
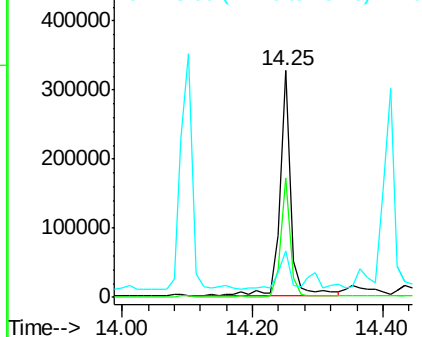
#84
Di-n-octyl phthalate
Concen: 10.07 ng
RT: 14.25 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Instrument :
BNA_F
ClientSampled :
01

Tgt Ion:149 Resp: 369068
Ion Ratio Lower Upper
149 100
167 45.4 1.2 1.8#
43 16.4 6.8 10.2#

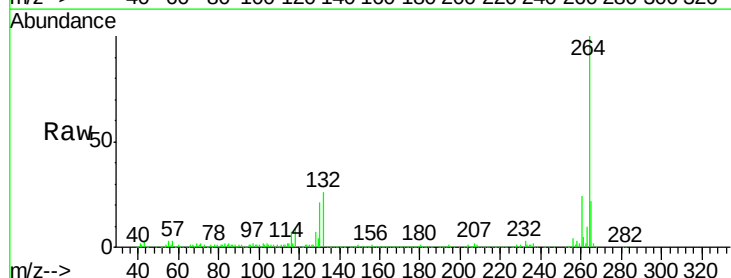


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF090122.D
Acq: 19 Sep 2016 16:03

Tgt Ion:264 Resp: 382385
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.9 17.0 25.4



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

