

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
 Data File : BF092064.D
 Acq On : 3 Jan 2017 16:52
 Operator : UM/SJ
 Sample : PB95719TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95719TB

Quant Time: Jan 04 00:08:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

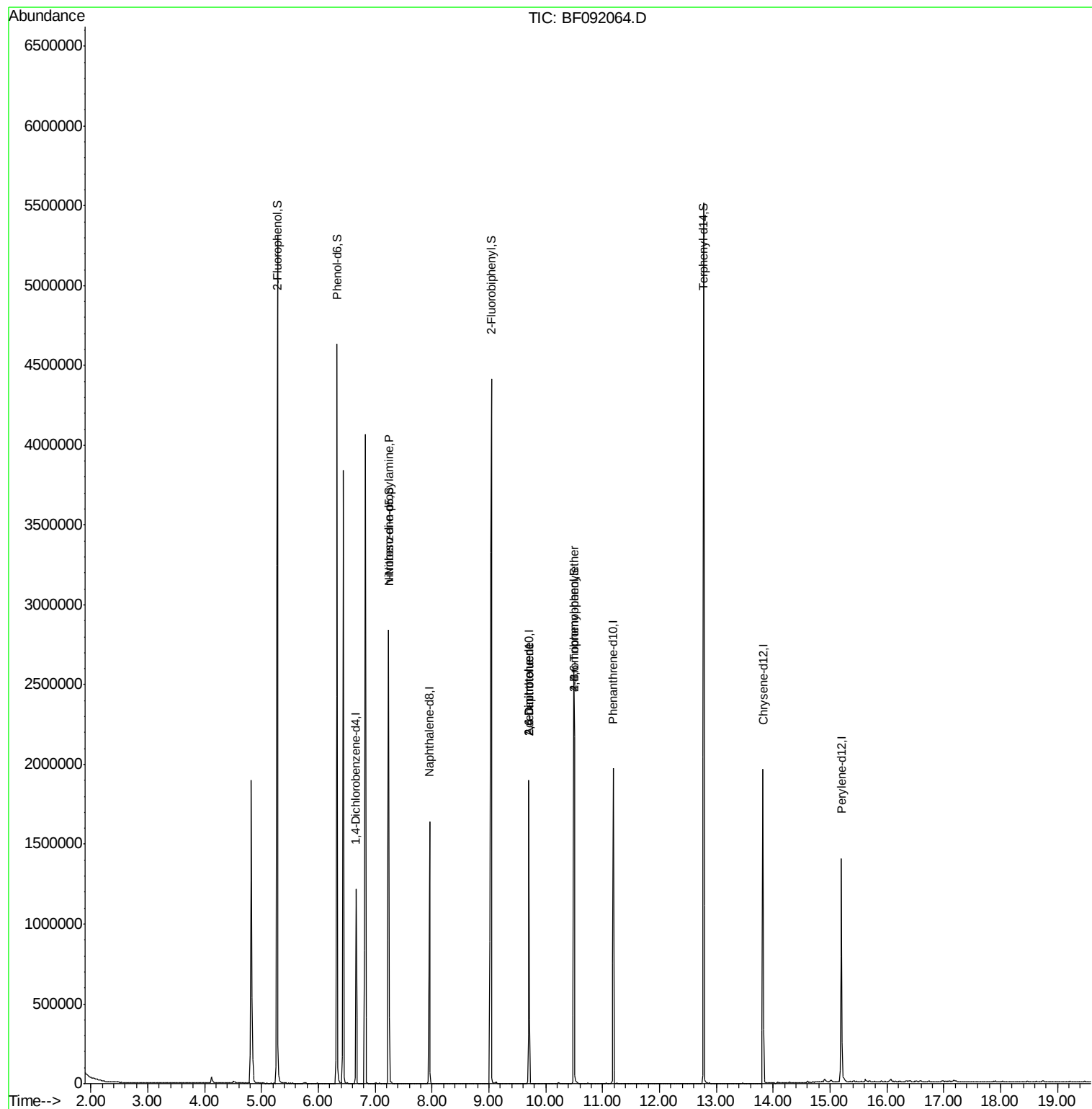
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	188664	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	834361	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	428417	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	791354	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	679861	20.00	ng	-0.05
86) Perylene-d12	15.20	264	655450	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1785915	158.06	ng	-0.04
7) Phenol-d6	6.33	99	1775481	128.70	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1022426	68.14	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	485032	136.80	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2054676	100.64	ng	-0.04
78) Terphenyl-d14	12.78	244	1965573	70.12	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	135141	14.73	ng	# 77
50) 2,6-Dinitrotoluene	9.70	165	55465	9.25	ng	# 31
56) 2,4-Dinitrotoluene	9.70	165	55455	7.37	ng	# 20
66) 4-Bromophenyl-phenylether	10.50	248	29463	3.58	ng	# 1
71) Anthracene	11.19	178	219	Below Cal		# 1
73) Di-n-butylphthalate	11.76	149	768	Below Cal		# 76

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
Data File : BF092064.D
Acq On : 3 Jan 2017 16:52
Operator : UM/SJ
Sample : PB95719TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95719TB

Quant Time: Jan 04 00:08:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

Instrument :

BNA_F

ClientSampleId :

PB95719TB

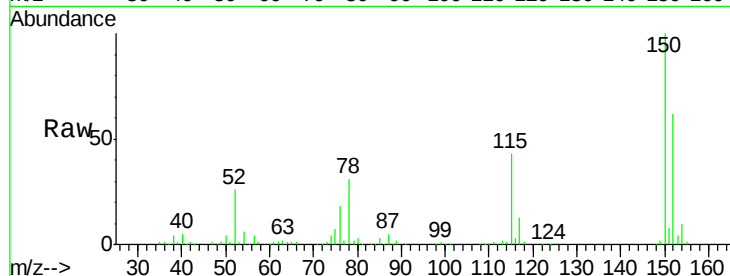
Tgt Ion:152 Resp: 188664

Ion Ratio Lower Upper

152 100

150 161.1 124.9 187.3

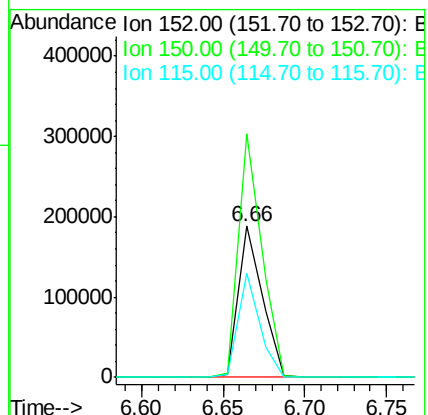
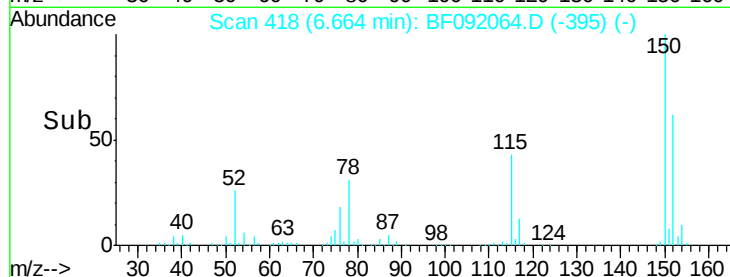
115 68.8 46.0 69.0



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: 158.06 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

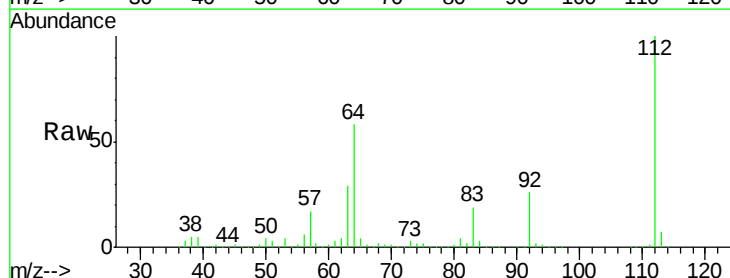
Tgt Ion:112 Resp: 1785915

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

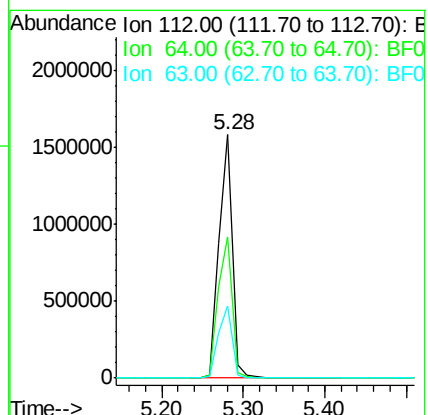
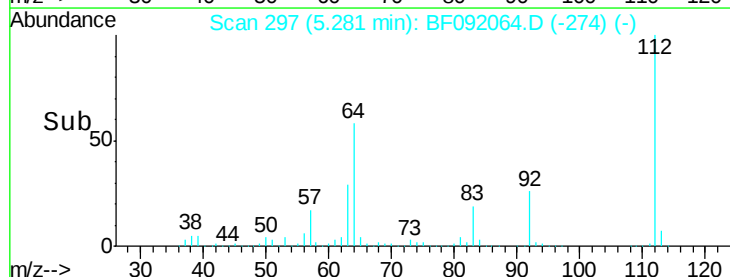
63 29.4 23.8 35.6



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: 128.70 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

Instrument :

BNA_F

ClientSampleId :

PB95719TB

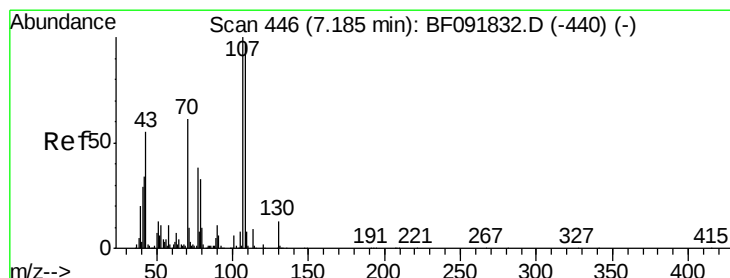
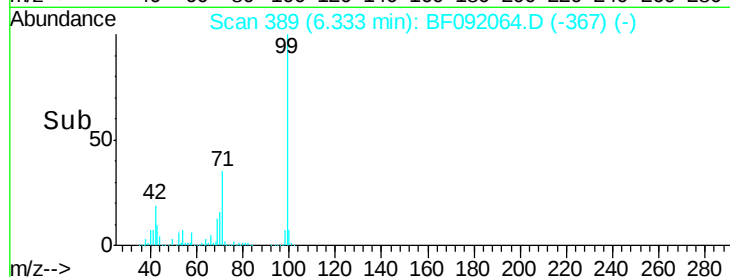
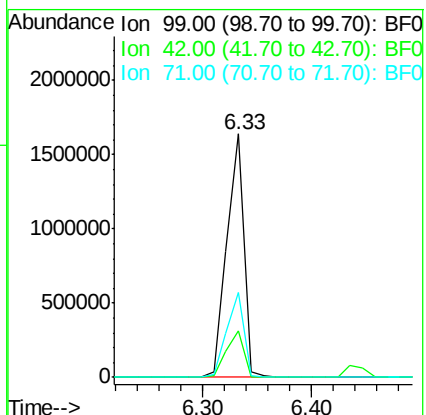
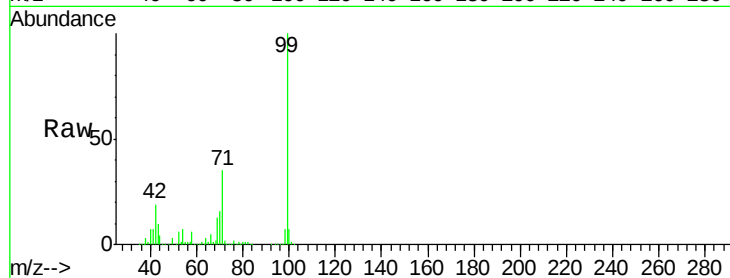
Tgt Ion: 99 Resp: 1775481

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 34.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.73 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

Tgt Ion: 70 Resp: 135141

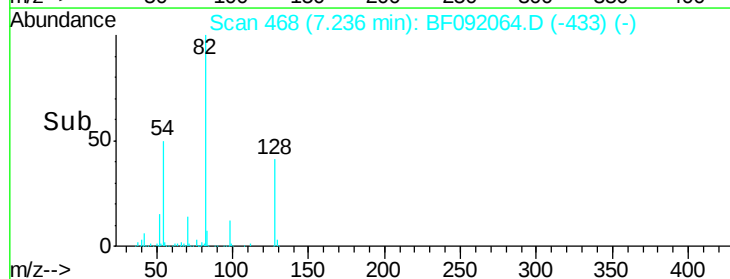
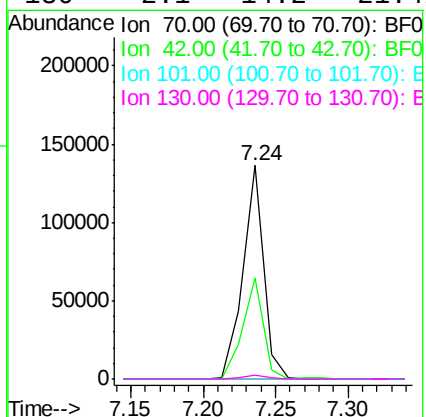
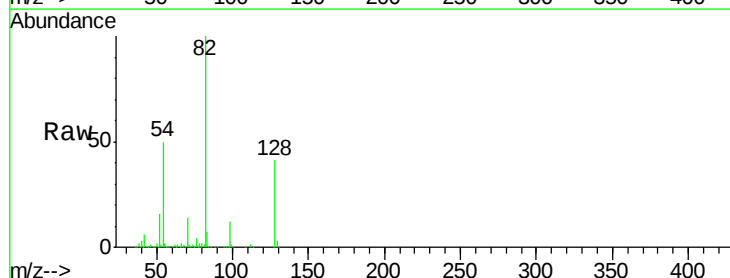
Ion Ratio Lower Upper

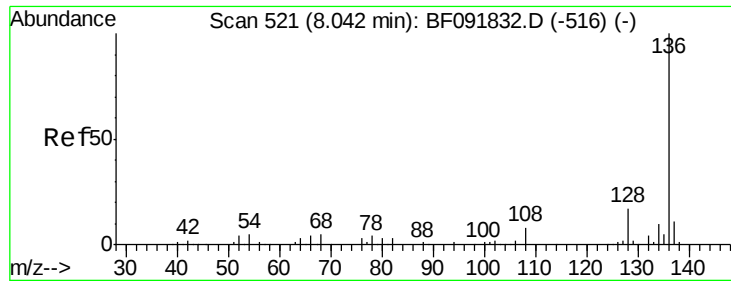
70 100

42 47.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

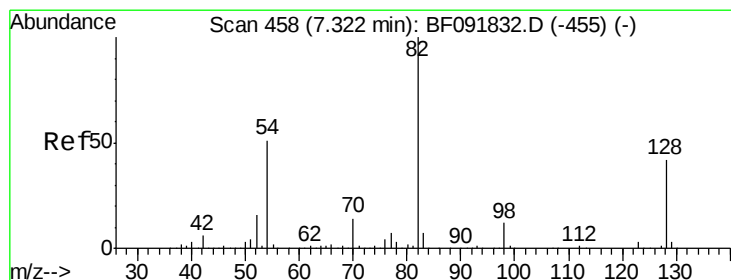
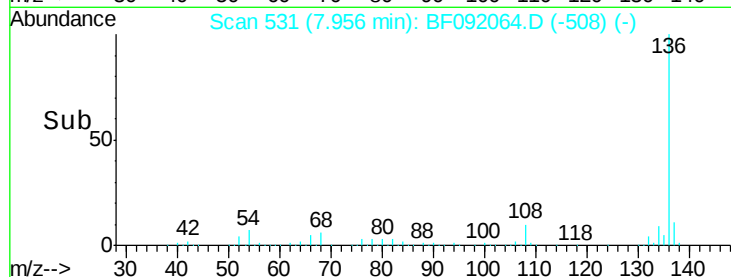
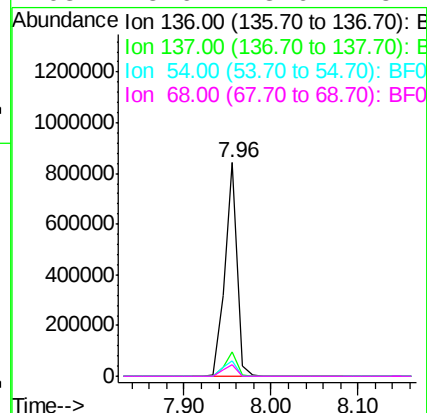
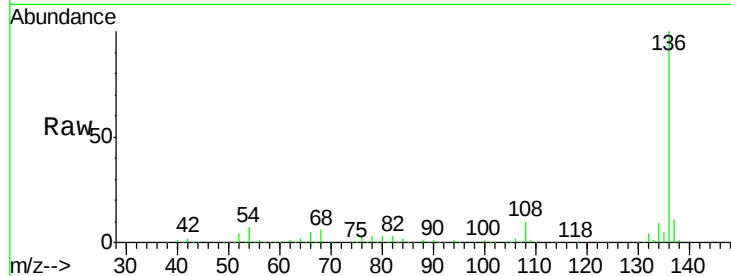




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092064.D
Acq: 3 Jan 2017 16:52

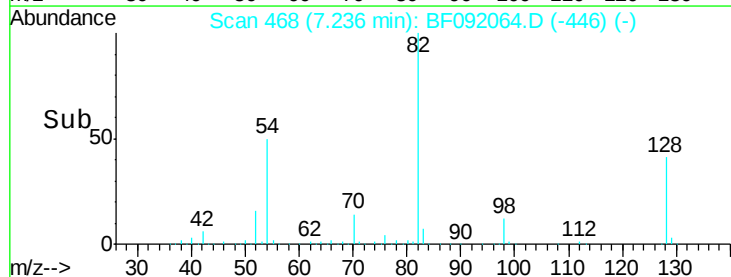
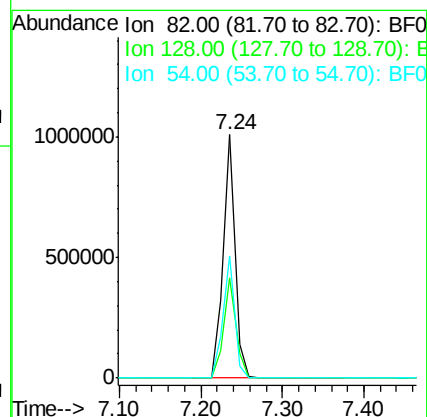
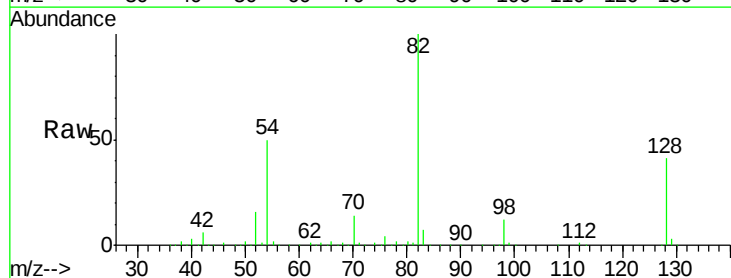
Instrument :
BNA_F
ClientSampleId :
PB95719TB

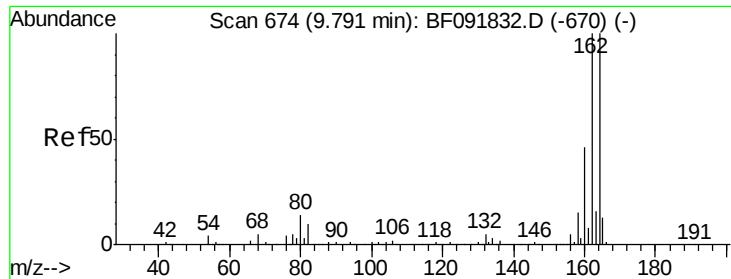
Tgt Ion: 136 Resp: 834361
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.0 4.5 6.7#
68 5.6 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 68.14 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092064.D
Acq: 3 Jan 2017 16:52

Tgt Ion: 82 Resp: 1022426
Ion Ratio Lower Upper
82 100
128 41.0 34.6 52.0
54 50.2 39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

Instrument :

BNA_F

ClientSampleId :

PB95719TB

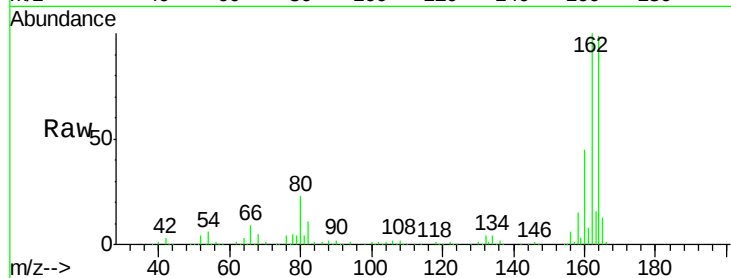
Tgt Ion:164 Resp: 428417

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

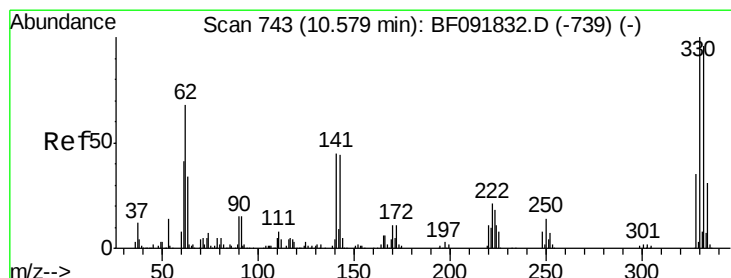
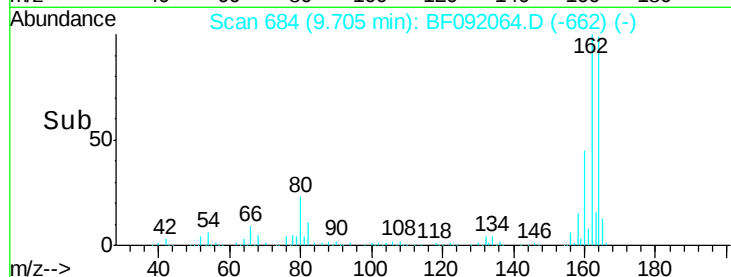
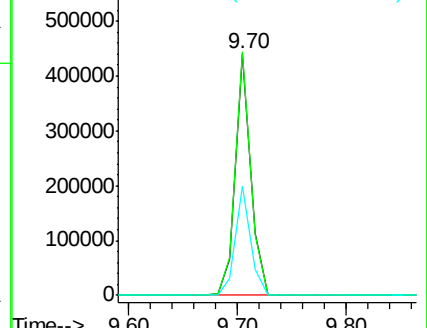
160 45.5 36.9 55.3



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: 136.80 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.04 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

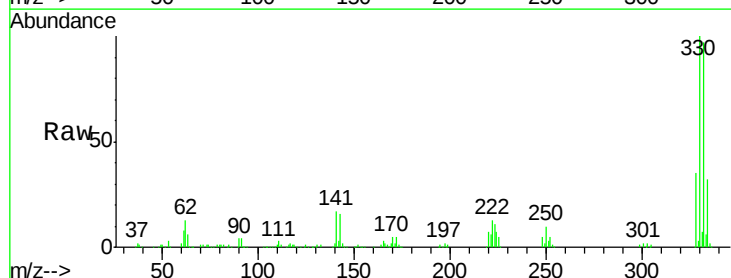
Tgt Ion:330 Resp: 485032

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

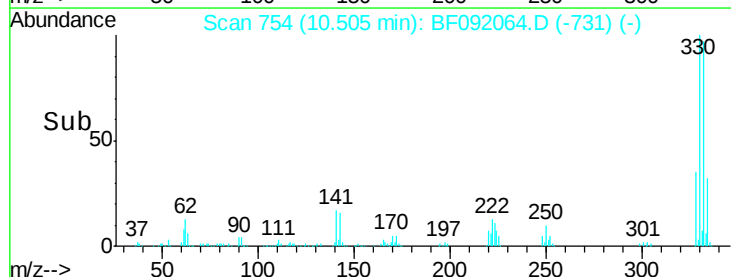
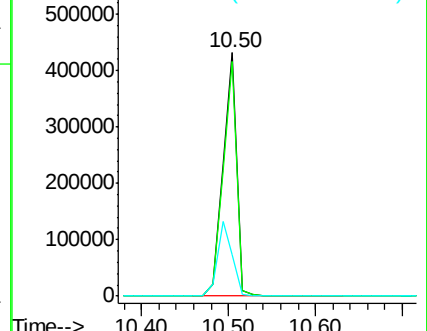
141 32.8 34.1 51.1#

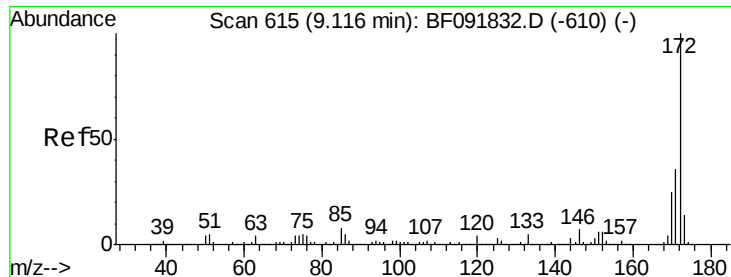


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

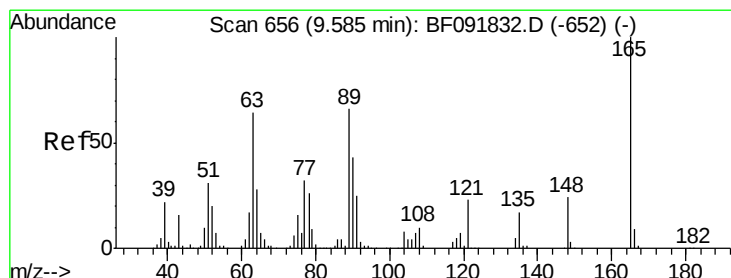
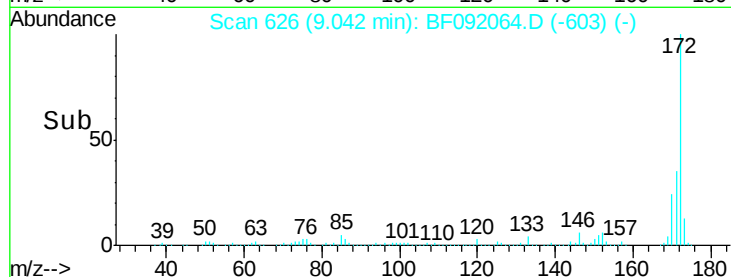
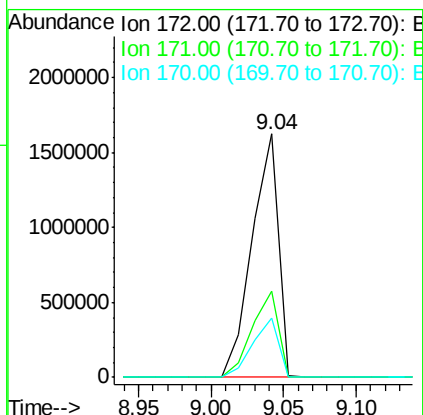
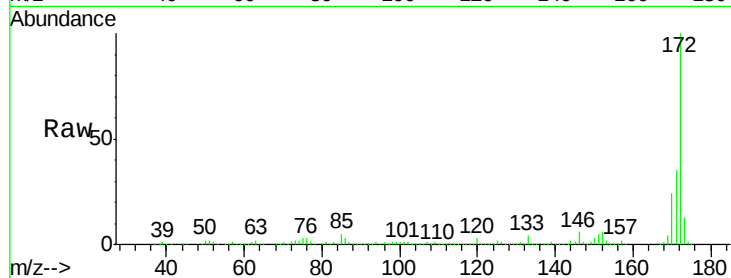




#44
 2-Fluorobiphenyl
 Concen: 100.64 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092064.D
 Acq: 3 Jan 2017 16:52

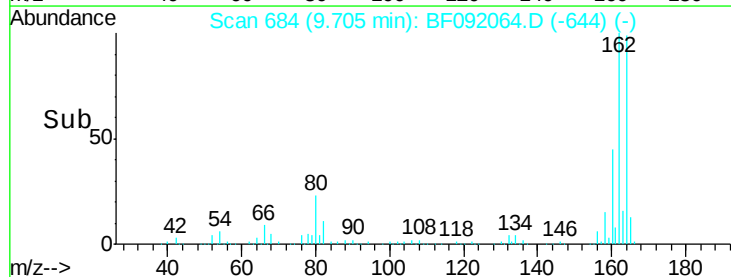
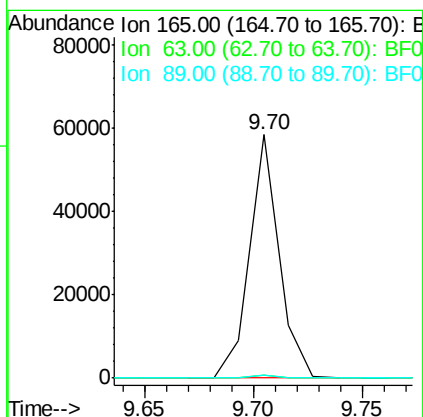
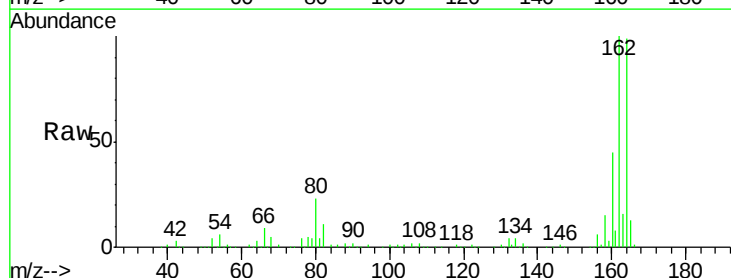
Instrument :
 BNA_F
 ClientSampleId :
 PB95719TB

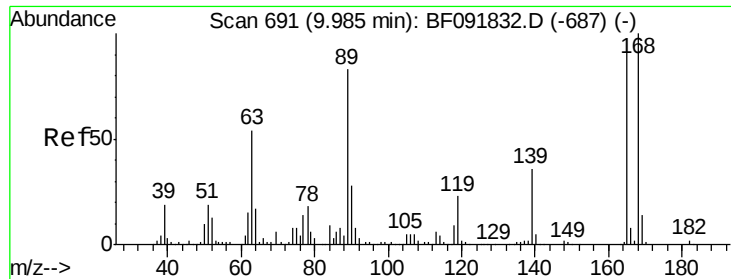
Tgt Ion:172 Resp: 2054676
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.3 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.25 ng
 RT: 9.70 min Scan# 684
 Delta R.T. 0.15 min
 Lab File: BF092064.D
 Acq: 3 Jan 2017 16:52

Tgt Ion:165 Resp: 55465
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.2 54.4#
 89 1.1 40.2 60.4#

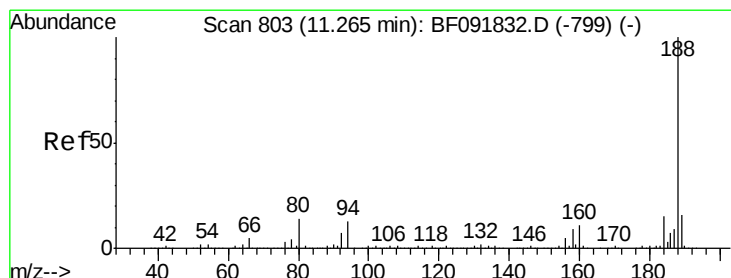
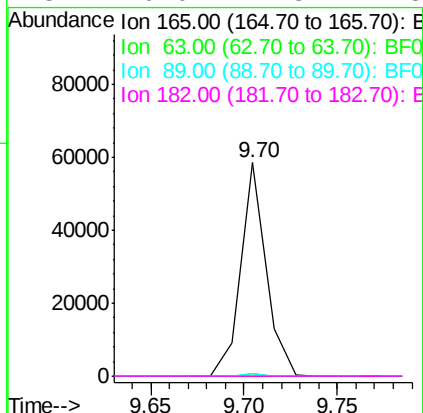
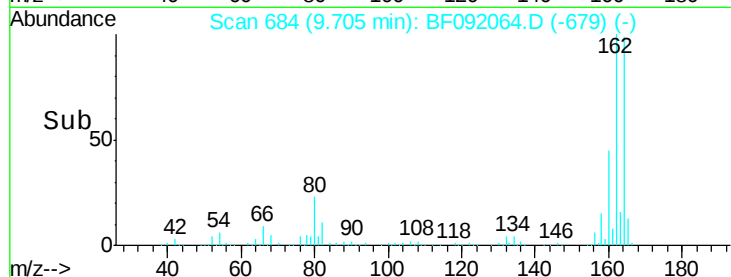
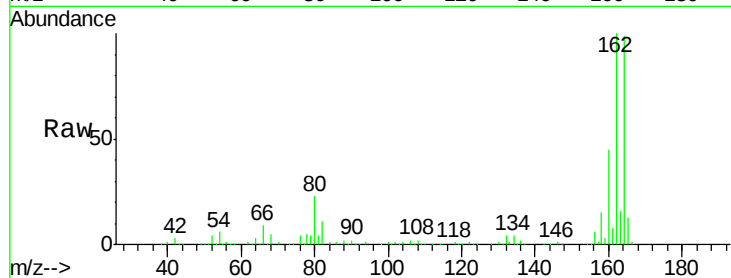




#56
 2,4-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.70 min Scan# 684
 Delta R.T. -0.25 min
 Lab File: BF092064.D
 Acq: 3 Jan 2017 16:52

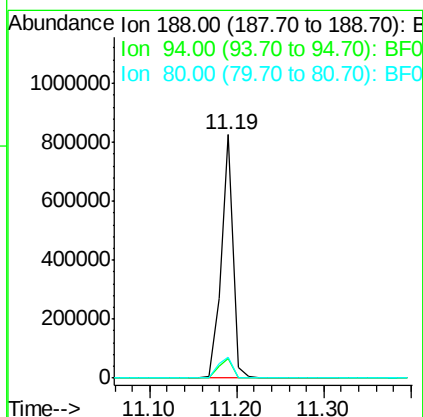
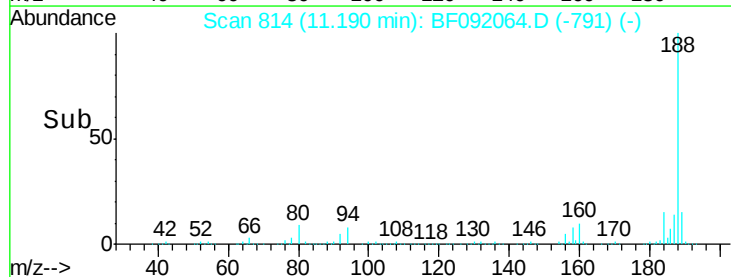
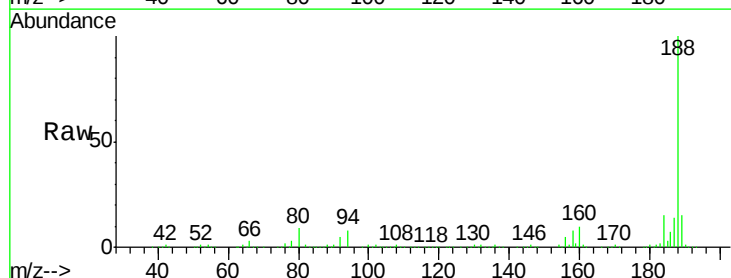
Instrument :
 BNA_F
 ClientSampleId :
 PB95719TB

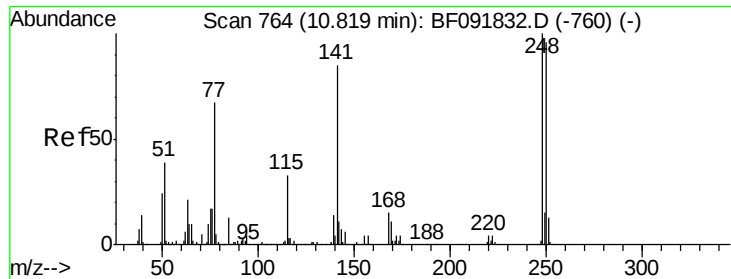
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.04 min
 Lab File: BF092064.D
 Acq: 3 Jan 2017 16:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	10.0	15.0#
80	8.7	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 3.58 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.28 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

Instrument :

BNA_F

ClientSampleId :

PB95719TB

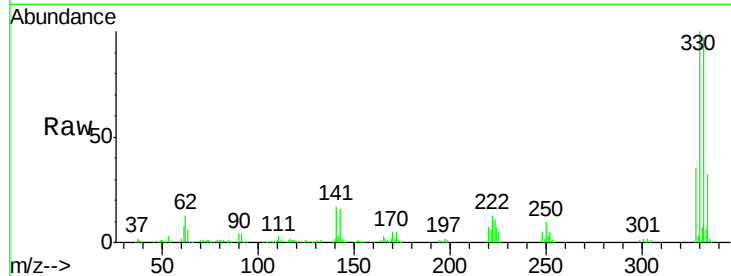
Tgt Ion:248 Resp: 29463

Ion Ratio Lower Upper

248 100

250 195.0 76.9 115.3#

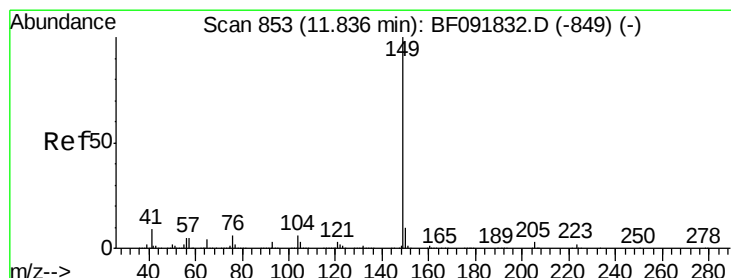
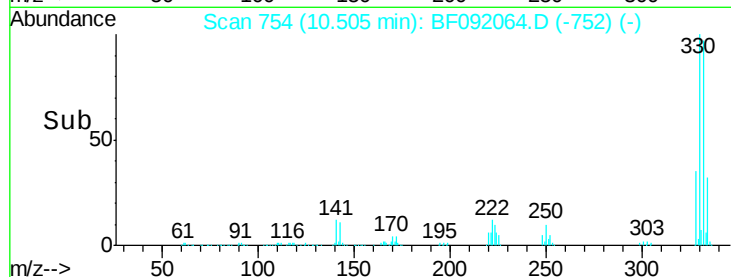
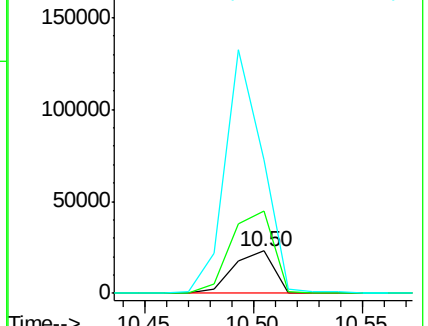
141 314.9 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.76 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

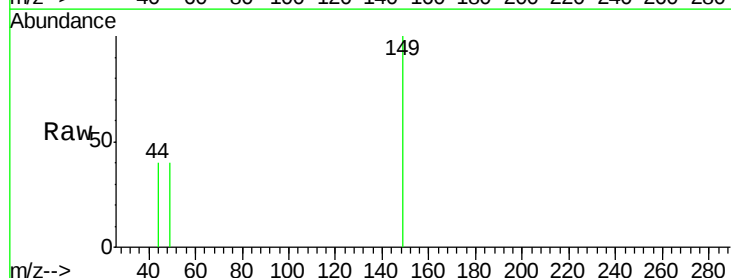
Tgt Ion:149 Resp: 768

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

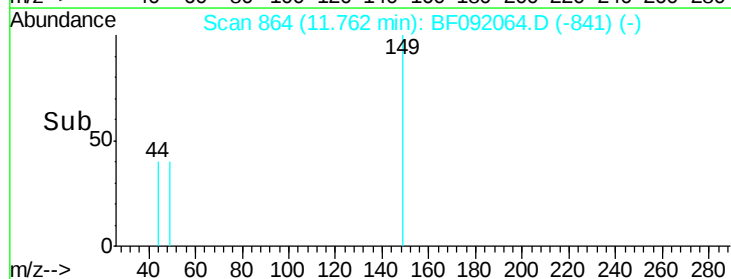
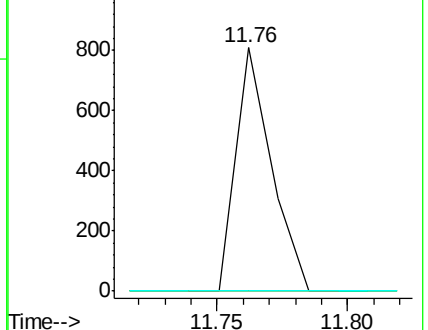
104 0.0 4.6 7.0#

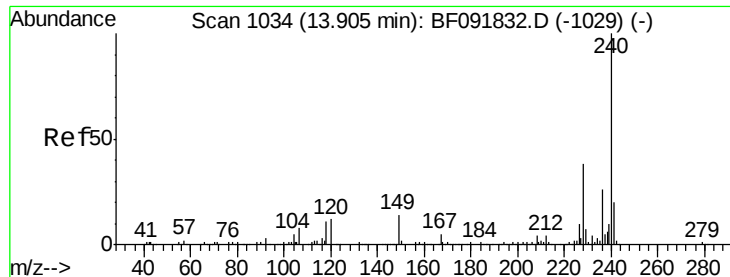


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

Instrument :

BNA_F

ClientSampleId :

PB95719TB

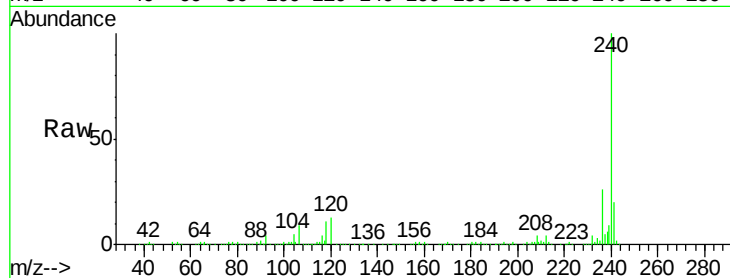
Tgt Ion:240 Resp: 679861

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

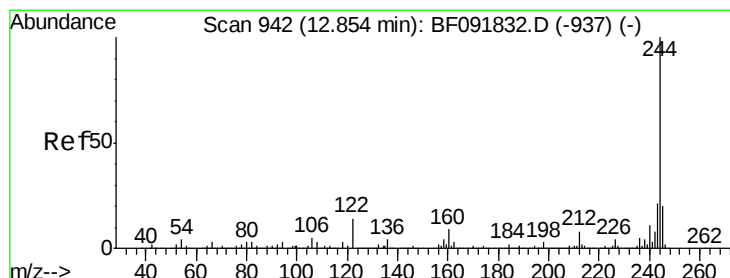
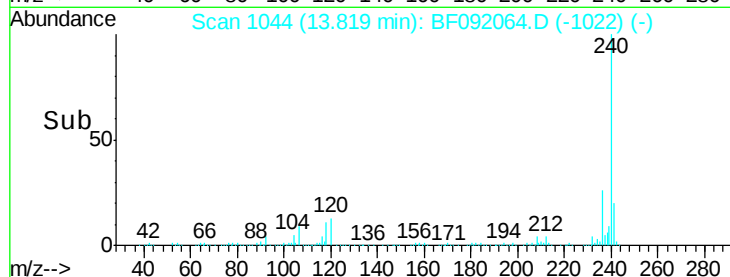
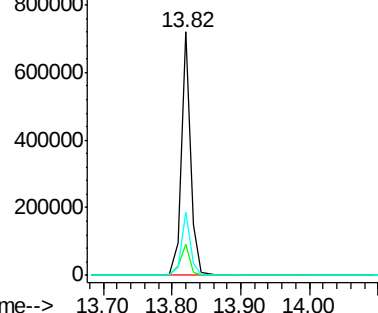
236 25.9 20.9 31.3



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: 70.12 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.04 min

Lab File: BF092064.D

Acq: 3 Jan 2017 16:52

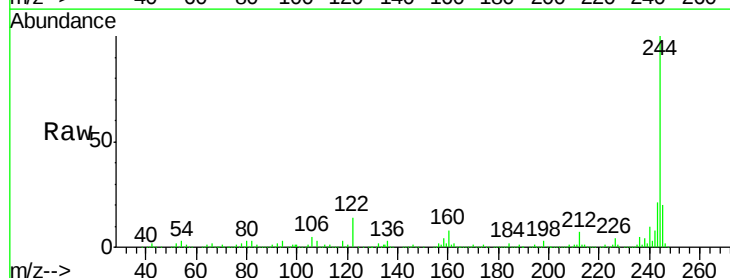
Tgt Ion:244 Resp: 1965573

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

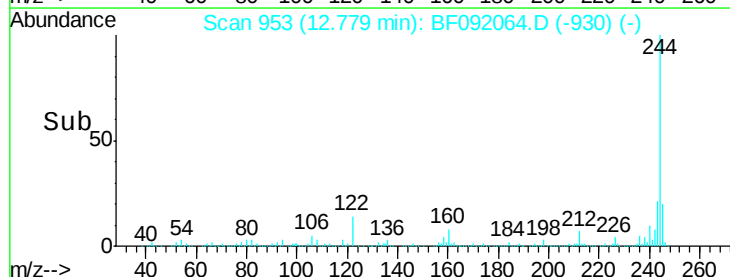
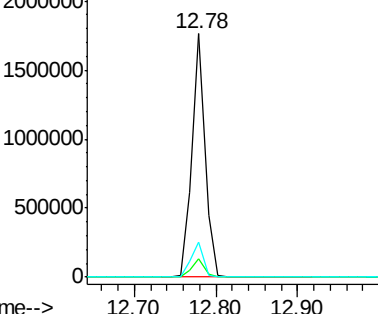
122 14.1 11.4 17.2

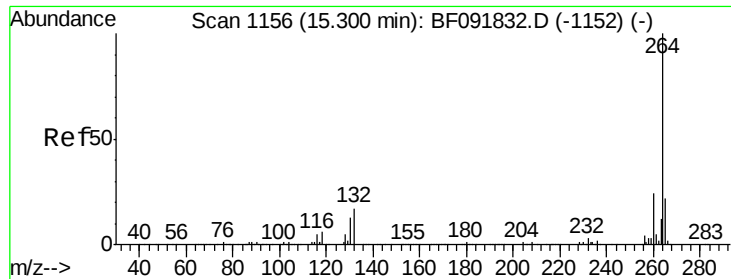


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

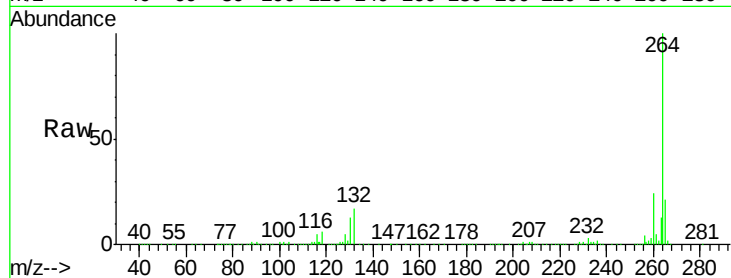




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF092064.D
Acq: 3 Jan 2017 16:52

Instrument :
BNA_F
ClientSampleId :
PB95719TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	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

