

Data Path : Z:\HPCHEM1\BNA F\Data\BF123016\
 Data File : BF092049.D
 Acq On : 30 Dec 2016 16:21
 Operator : UM/SJ
 Sample : H6314-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 18:11:45 2016
 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

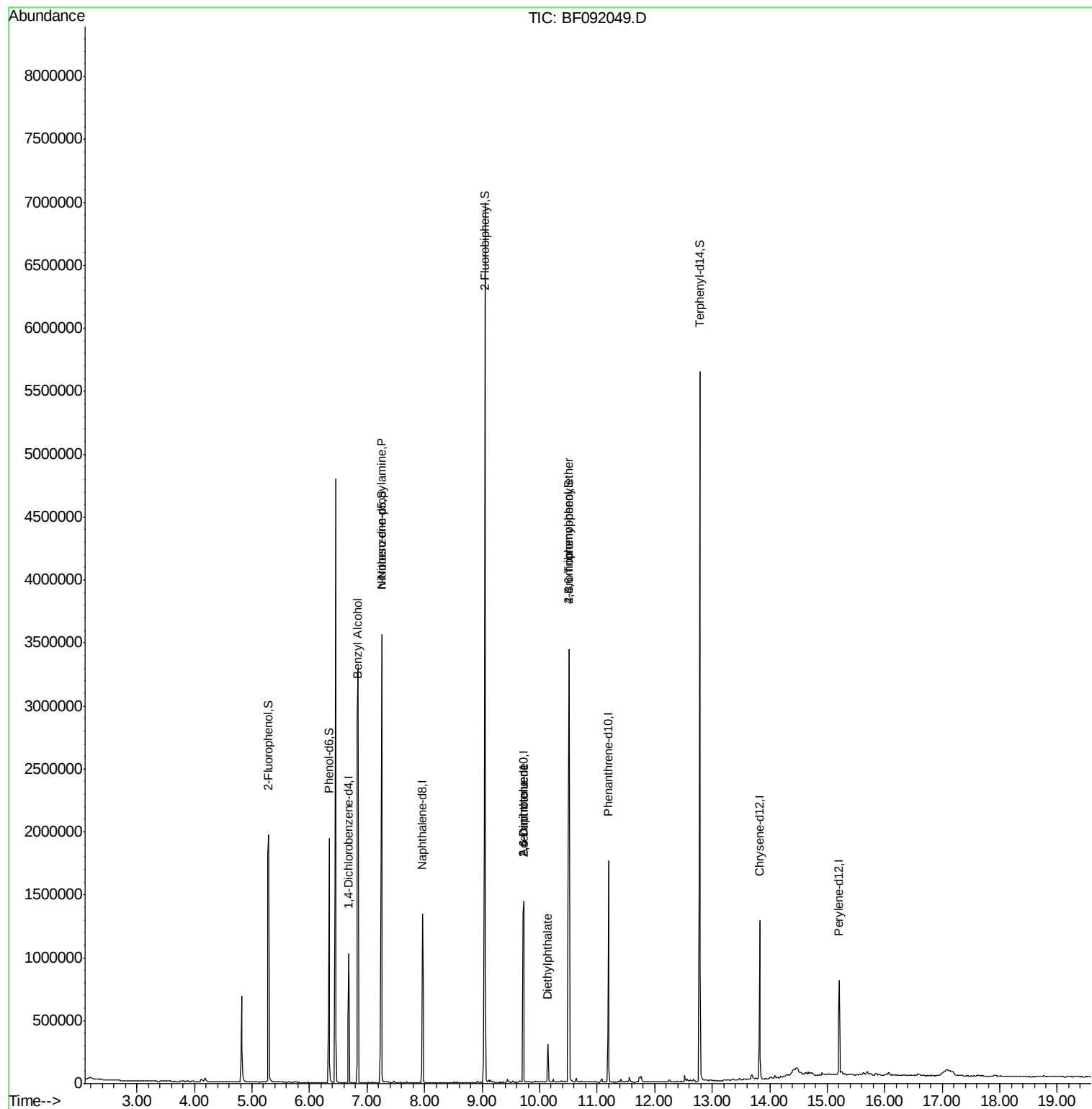
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	180273	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	735846	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	474308	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	615523	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	421842	20.00	ng	-0.05
86) Perylene-d12	15.21	264	350911	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	832086	77.07	ng	-0.03
7) Phenol-d6	6.34	99	695519	52.76	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1370666	103.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	482165	122.84	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2273389	100.57	ng	-0.03
78) Terphenyl-d14	12.79	244	1827832	105.09	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.34	77	986	Below Cal	#	1
15) Benzyl Alcohol	6.83	79	21383	2.09 ng	#	46
19) n-Nitroso-di-n-propylamine	7.25	70	184271	21.01 ng	#	76
50) 2,6-Dinitrotoluene	9.72	165	62439	9.40 ng	#	30
56) 2,4-Dinitrotoluene	9.72	165	62439	7.49 ng	#	19
59) Diethylphthalate	10.14	149	110791	3.76 ng		99
66) 4-Bromophenyl-phenylether	10.51	248	31598	4.93 ng	#	1
71) Anthracene	11.26	178	252	Below Cal	#	59
73) Di-n-butylphthalate	11.77	149	33476	Below Cal		98
74) Fluoranthene	12.40	202	274	Below Cal		61

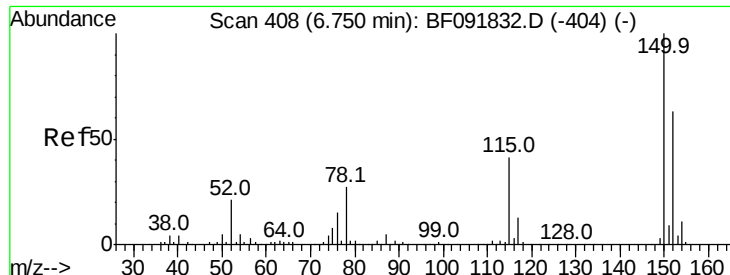
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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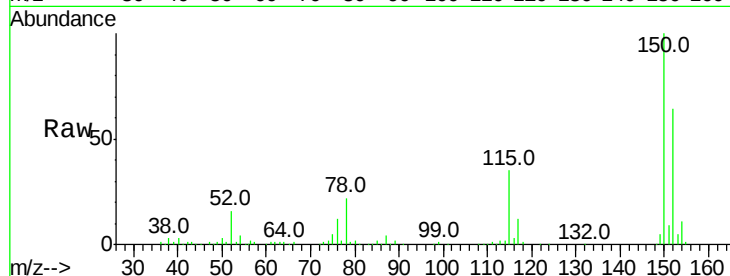


#1

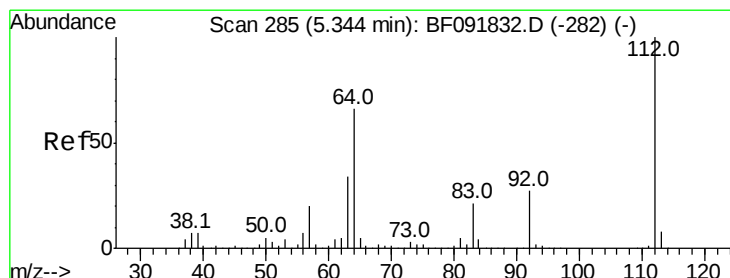
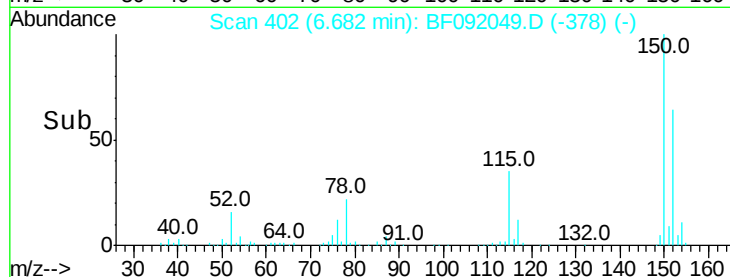
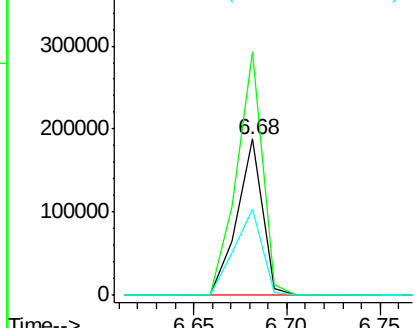
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 180273
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 55.0 46.0 69.0



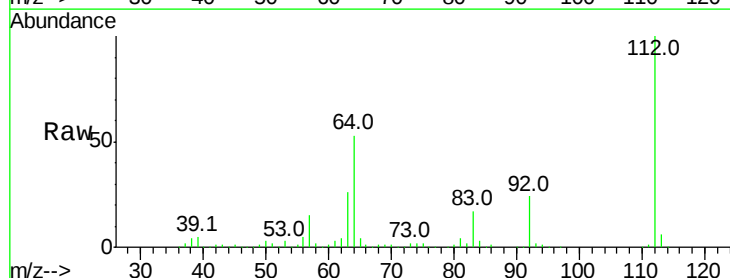
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



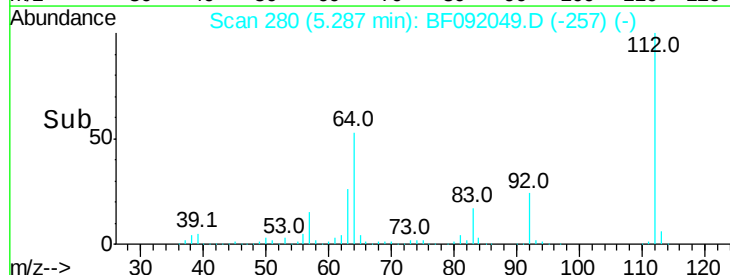
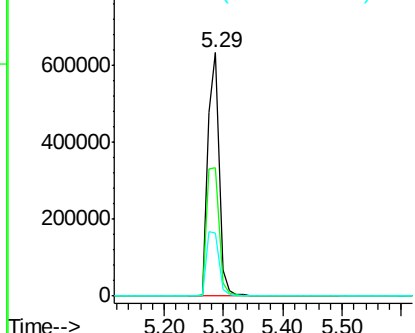
#5

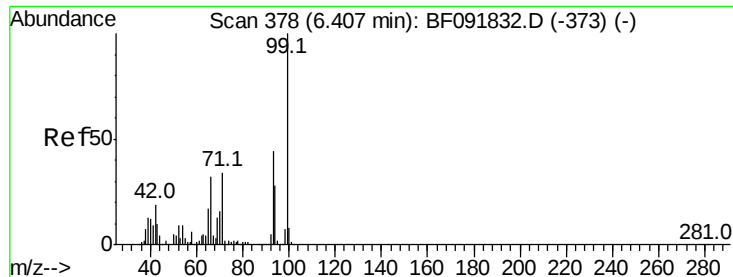
2-Fluorophenol
Concen: 77.07 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.03 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Tgt Ion:112 Resp: 832086
Ion Ratio Lower Upper
112 100
64 52.9 46.1 69.1
63 26.1 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: 52.76 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

Instrument :

BNA_F

ClientSampleId :

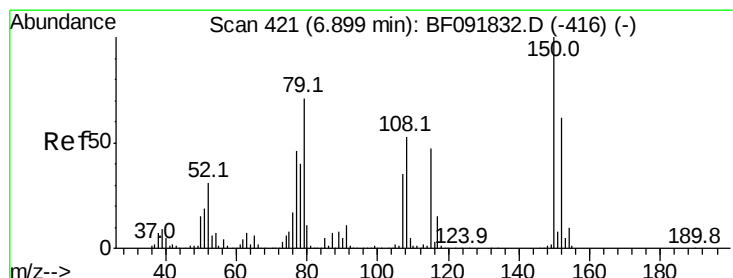
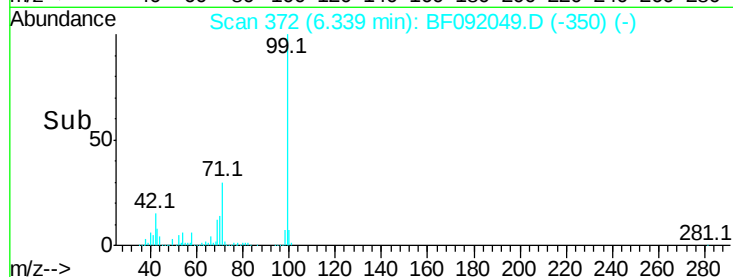
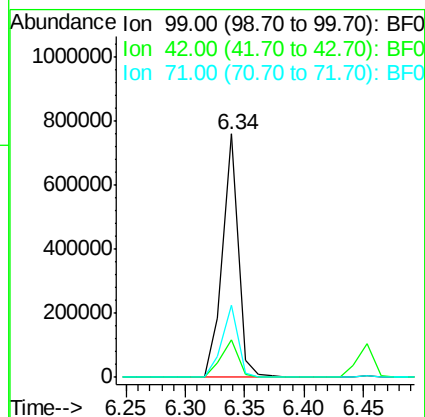
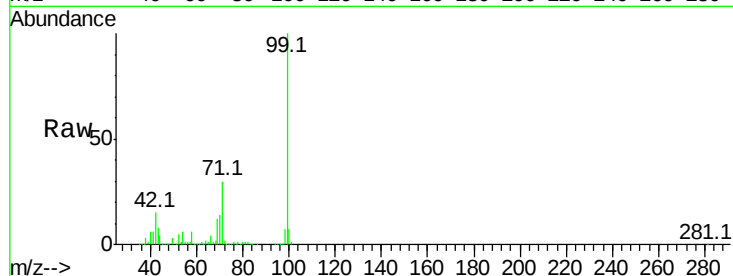
Tot Ion: 99 Resp: 695519

Ion Ratio Lower Upper

99 100

42 15.2 15.6 23.4#

71 29.6 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

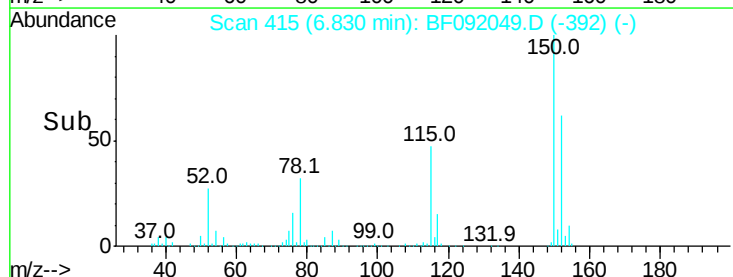
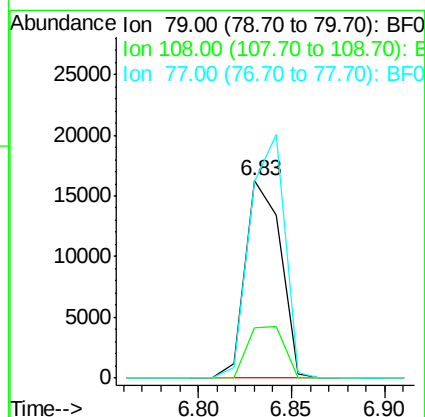
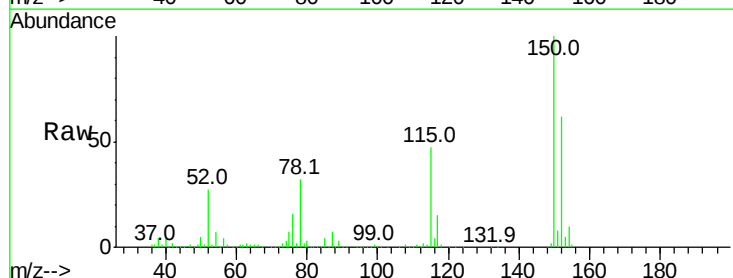
Tgt Ion: 79 Resp: 21383

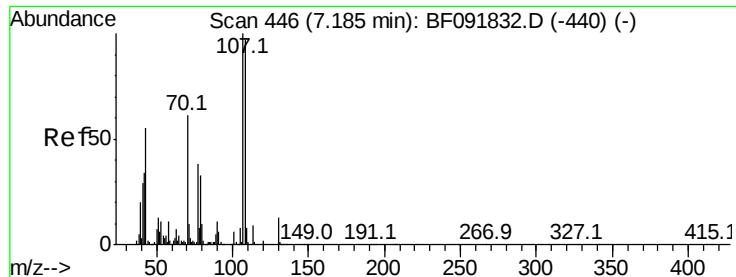
Ion Ratio Lower Upper

79 100

108 25.4 61.4 92.0#

77 99.7 50.9 76.3#

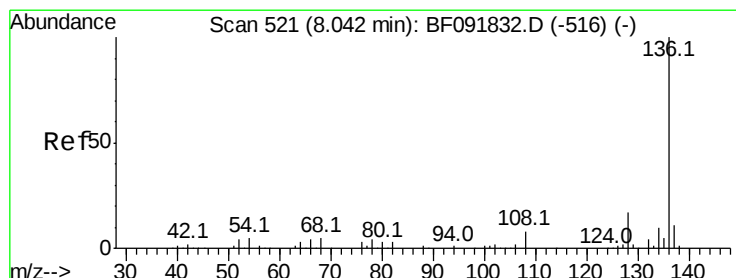
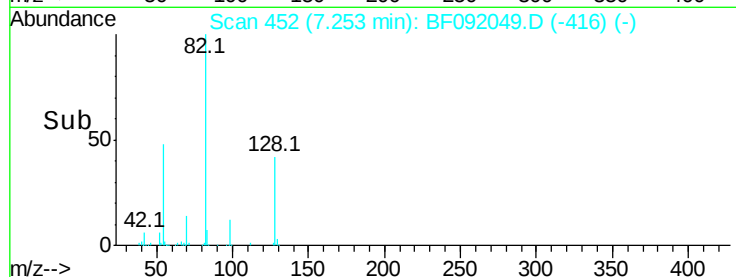
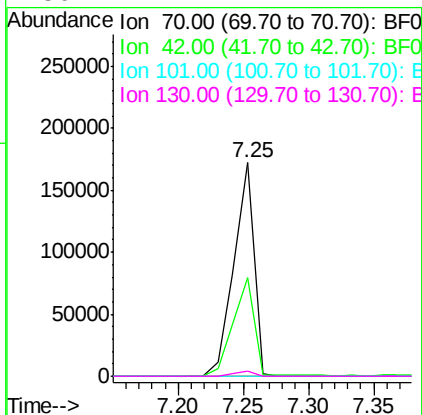
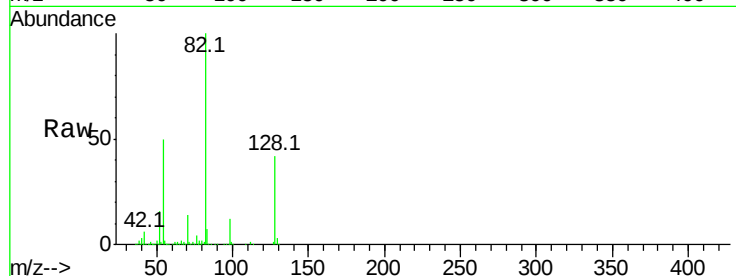




#19
n-Nitroso-di-n-propylamine
Concen: 21.01 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.11 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

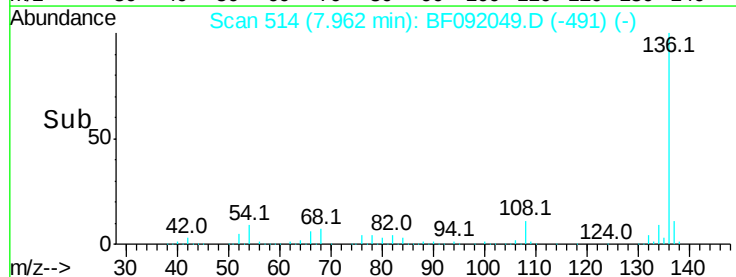
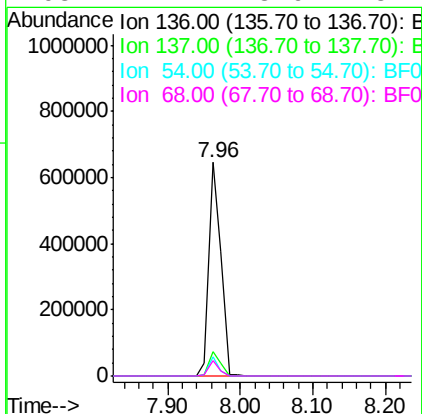
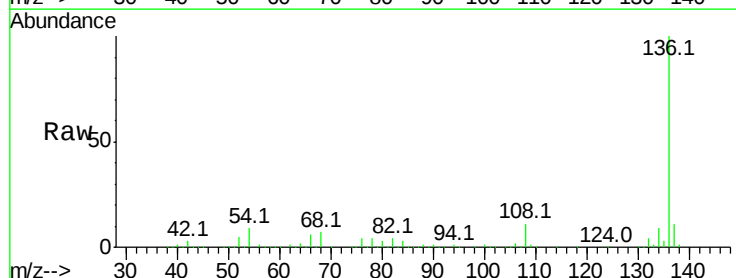
Instrument :
BNA_F
ClientSampleId :

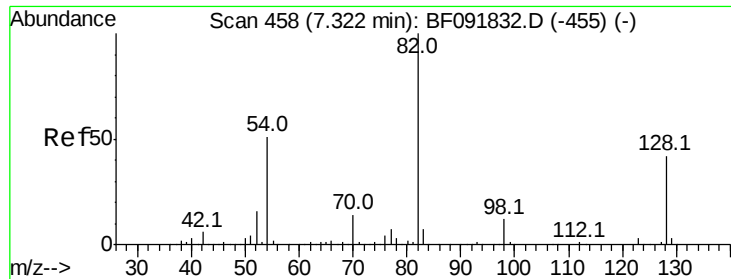
Tot Ion: 70 Resp: 184271
Ion Ratio Lower Upper
70 100
42 46.2 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Tgt Ion: 136 Resp: 735846
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.3 4.5 6.7#
68 7.1 3.6 5.4#



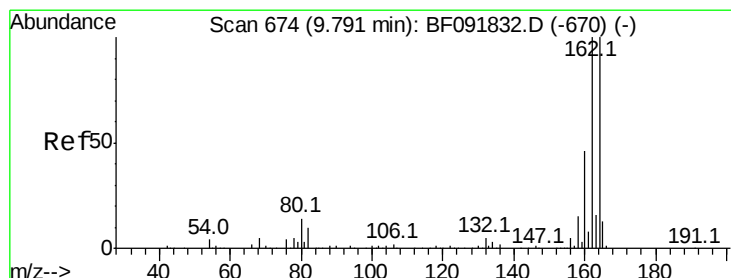
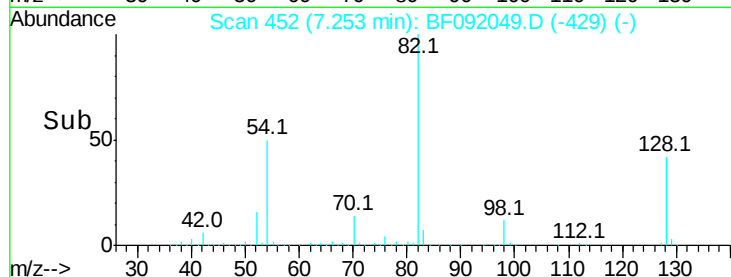
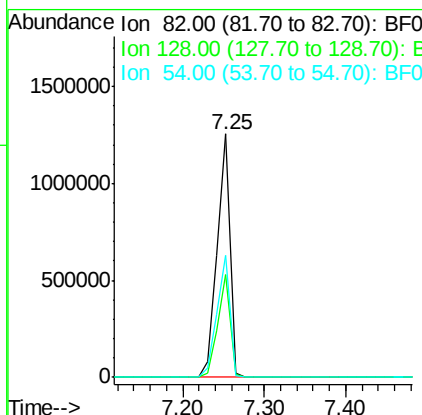
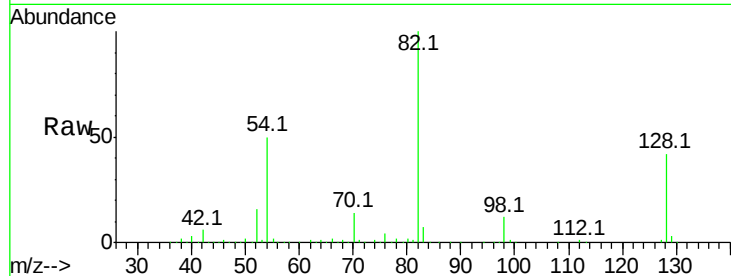


#23
 Nitrobenzene-d5
 Concen: 103.58 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1370666

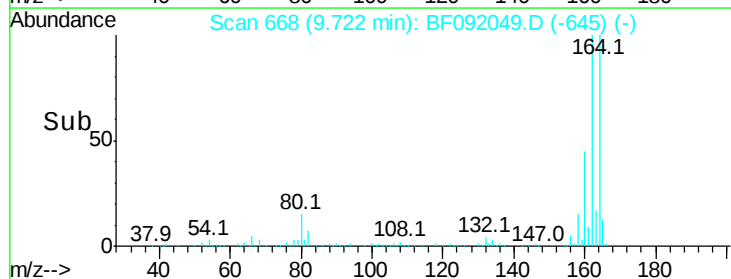
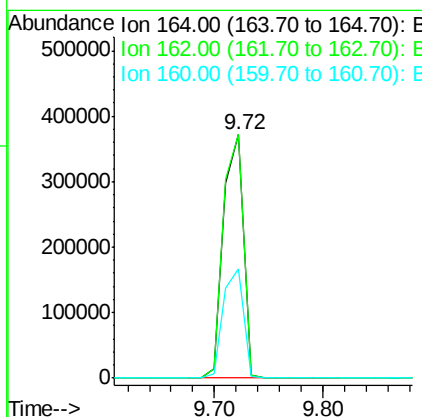
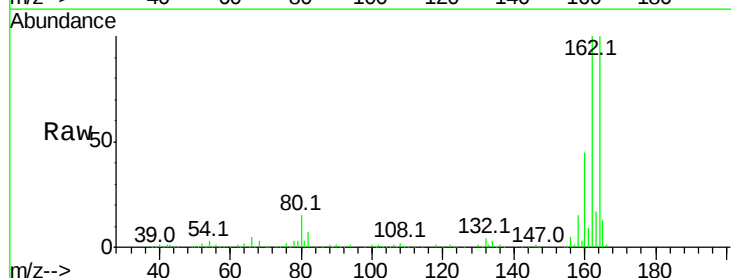
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	50.3	39.5	59.3

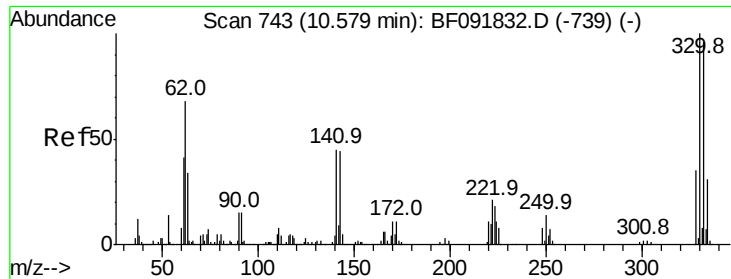


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Tgt Ion:164 Resp: 474308

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	44.7	36.9	55.3

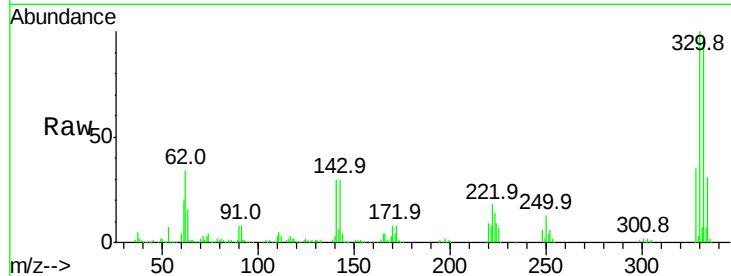




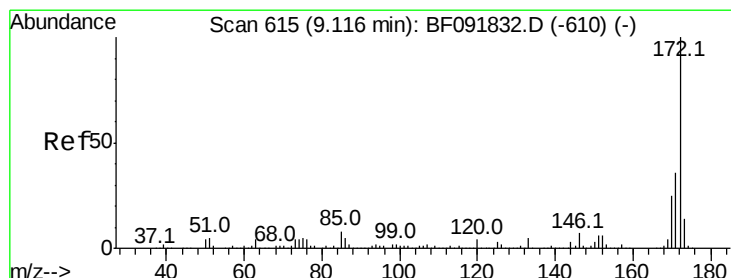
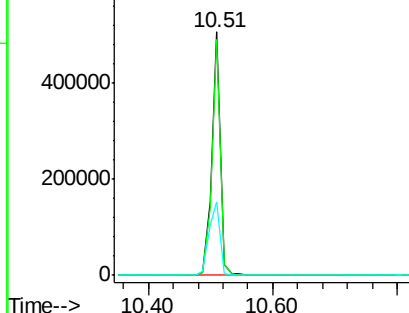
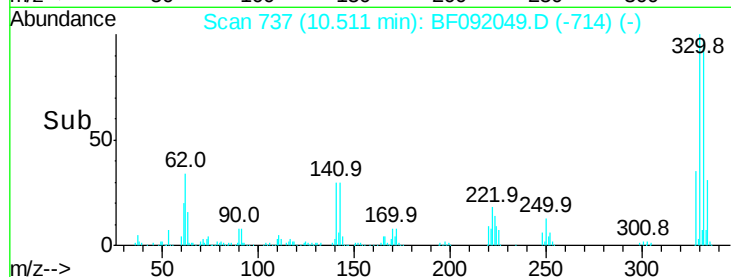
#41
 2,4,6-Tribromophenol
 Concen: 122.84 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	38.7	34.1	51.1

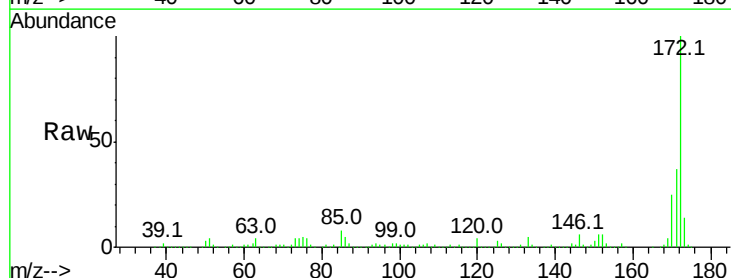


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

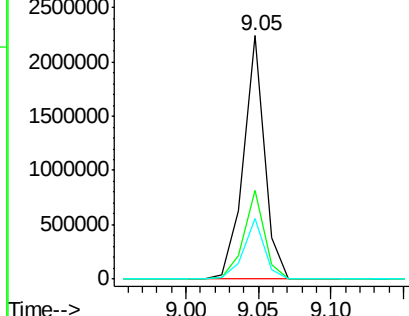
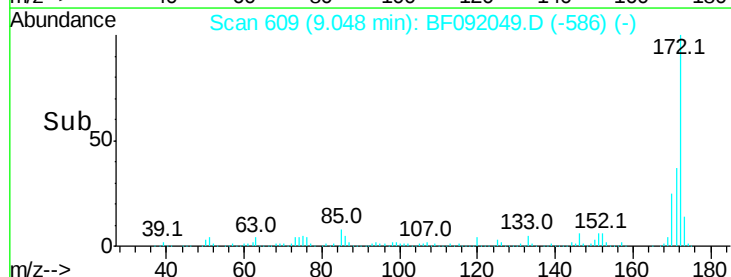


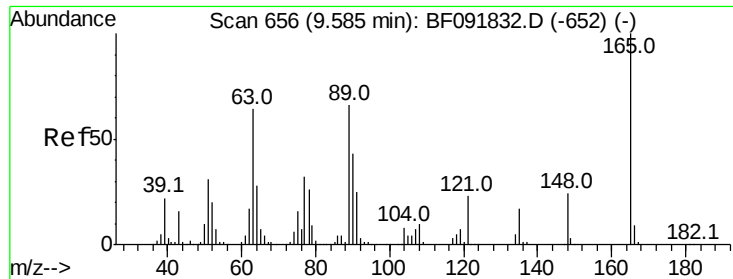
#44
 2-Fluorobiphenyl
 Concen: 100.57 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.0	20.2	30.4



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

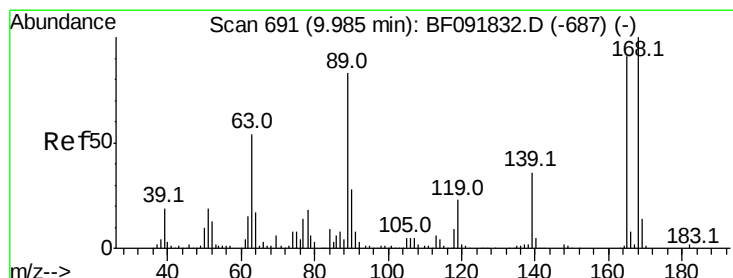
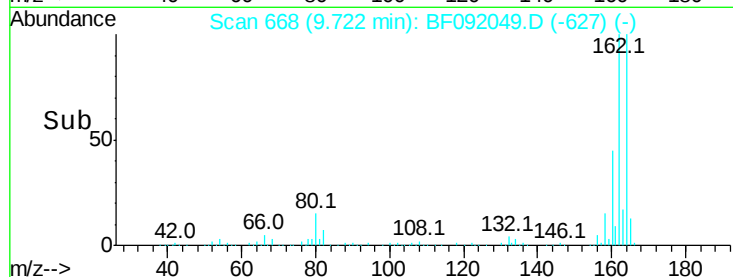
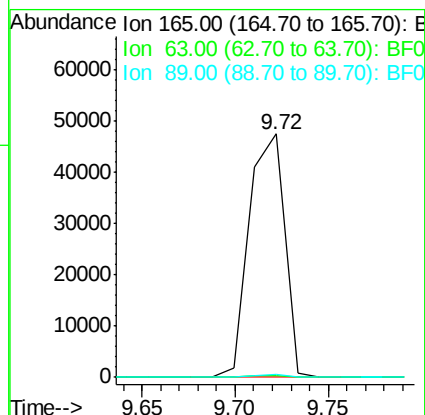
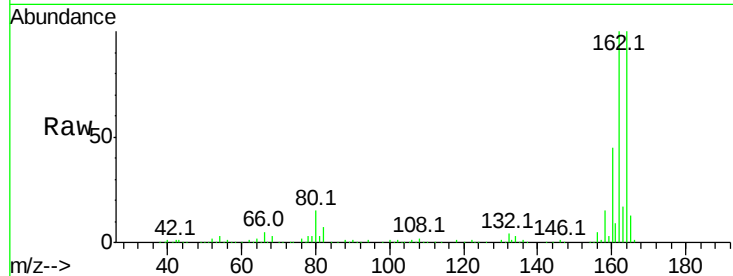




#50
 2,6-Dinitrotoluene
 Concen: 9.40 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.17 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

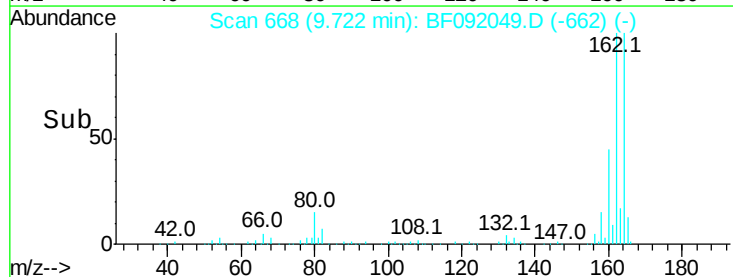
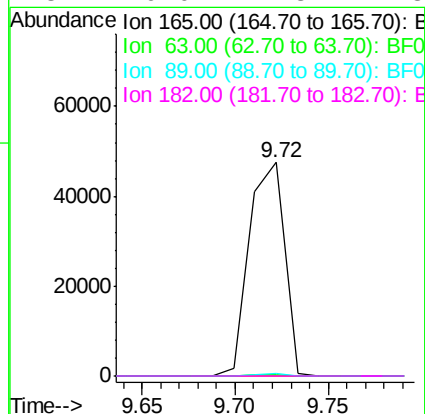
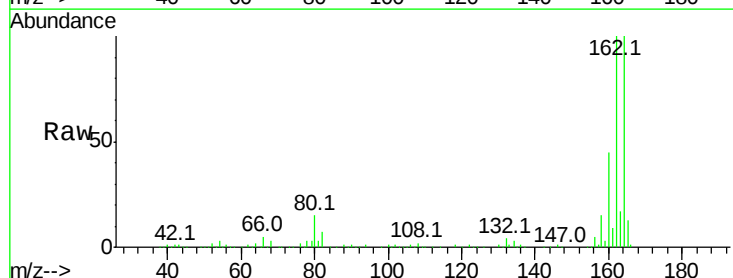
Instrument :
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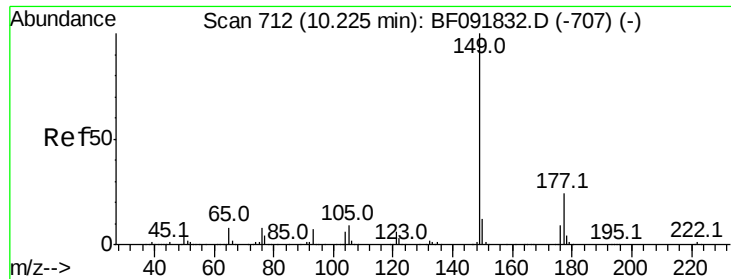
Tot Ion:165 Resp: 62439
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 1.1 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.23 min
 Lab File: BF092049.D
 Acq: 30 Dec 2016 16:21

Tgt Ion:165 Resp: 62439
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.2 60.4#
 89 1.1 62.5 93.7#
 182 0.0 1.8 2.8#

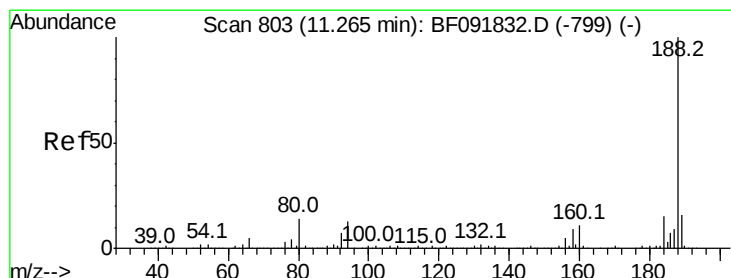
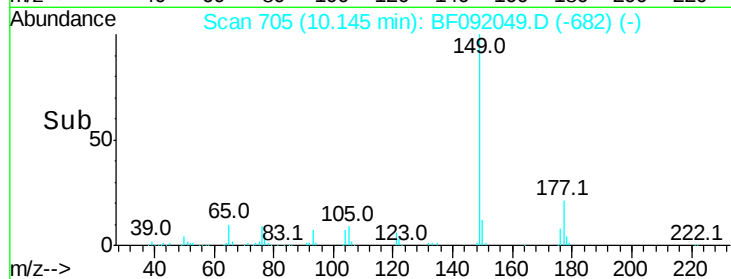
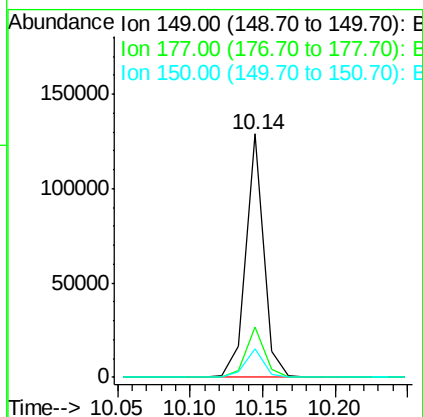
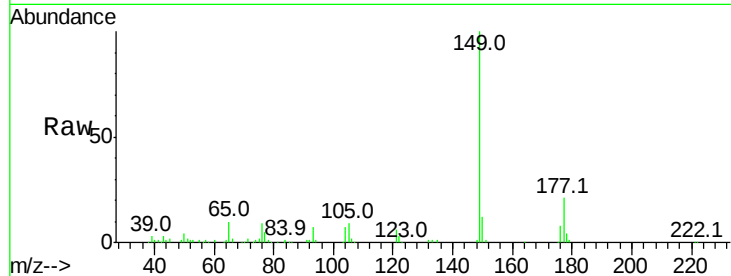




#59
Diethylphthalate
Concen: 3.76 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

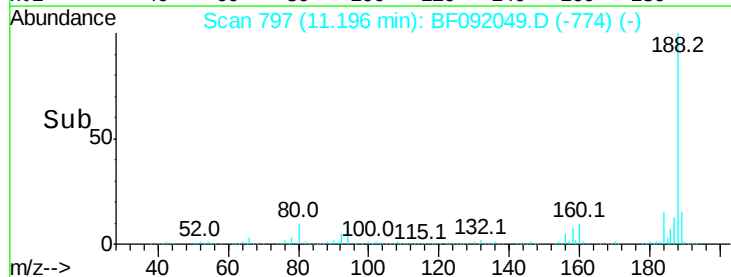
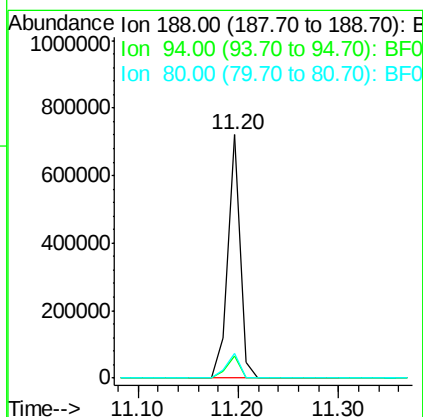
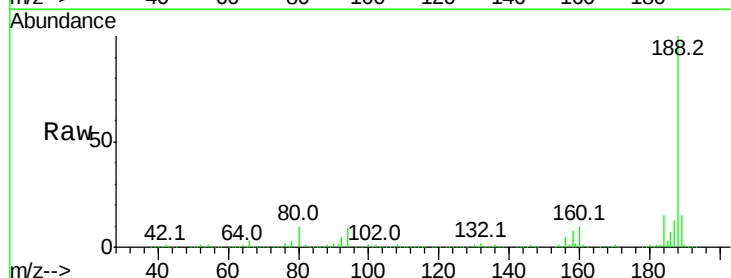
Instrument :
BNA_F
ClientSampleId :

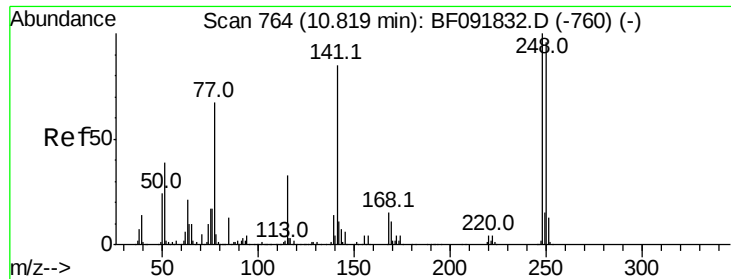
Tot Ion:149 Resp: 110791
Ion Ratio Lower Upper
149 100
177 20.9 16.6 25.0
150 11.7 10.4 15.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Tgt Ion:188 Resp: 615523
Ion Ratio Lower Upper
188 100
94 9.2 10.0 15.0#
80 10.0 11.2 16.8#

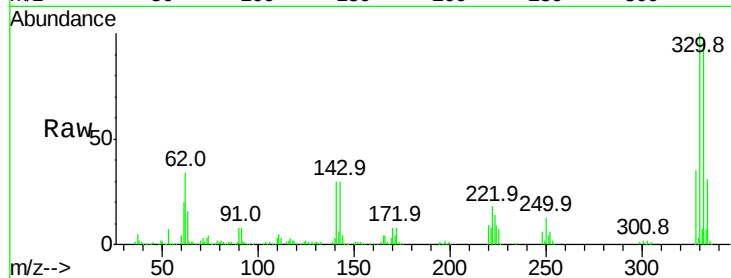




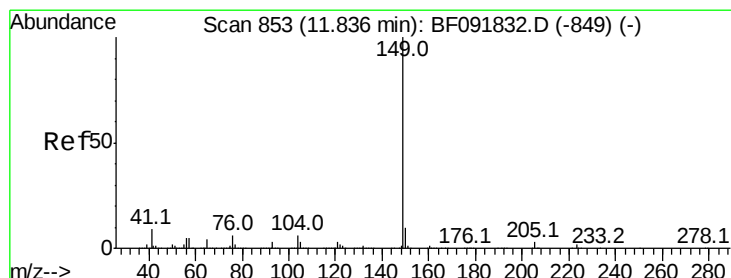
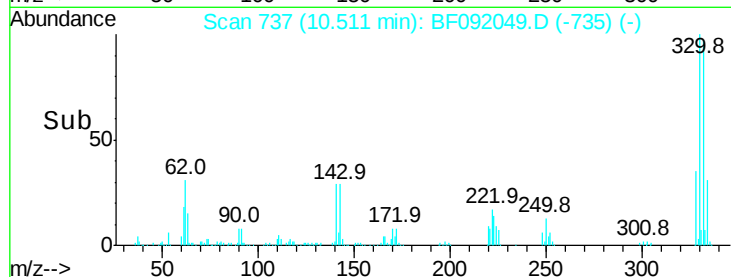
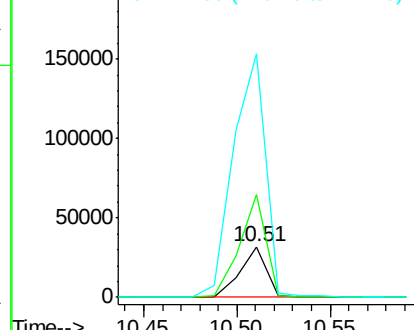
#66
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.27 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31598
Ion Ratio Lower Upper
248 100
250 201.3 76.9 115.3#
141 478.6 68.2 102.4#

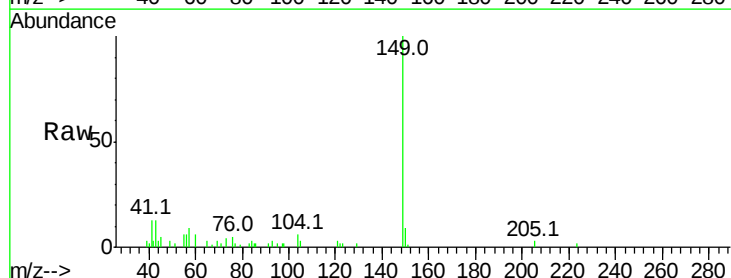


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

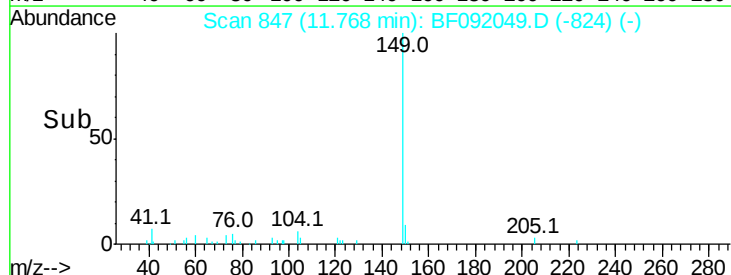
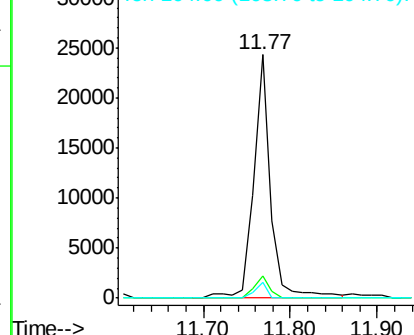


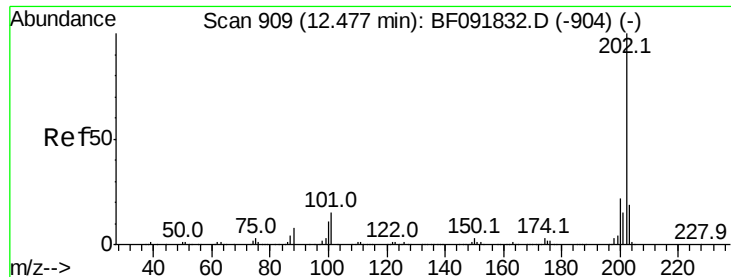
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.77 min Scan# 847
Delta R.T. -0.03 min
Lab File: BF092049.D
Acq: 30 Dec 2016 16:21

Tgt Ion:149 Resp: 33476
Ion Ratio Lower Upper
149 100
150 8.9 8.1 12.1
104 6.2 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





#74

Fluoranthene

Concen: Below Cal

RT: 12.40 min Scan# 902

Delta R.T. -0.05 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

Instrument :

BNA_F

ClientSampled :

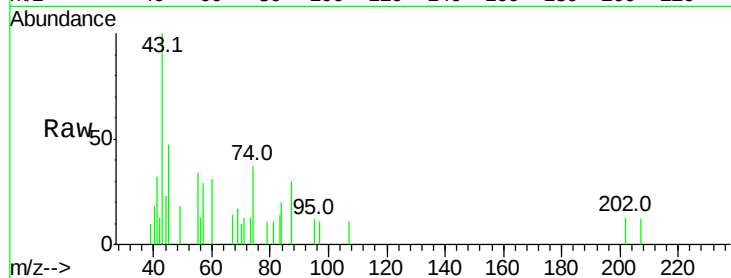
Tot Ion:202 Resp: 274

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

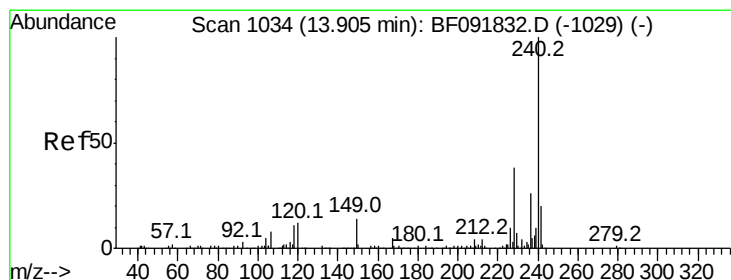
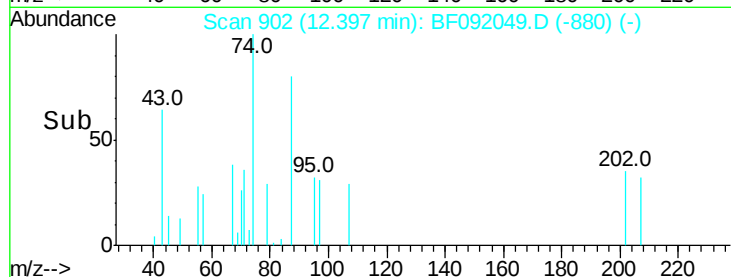
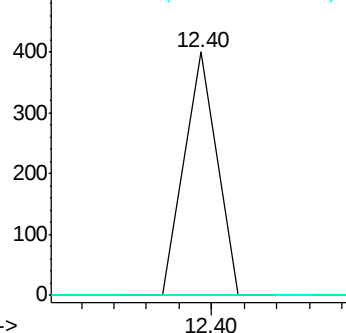
203 0.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

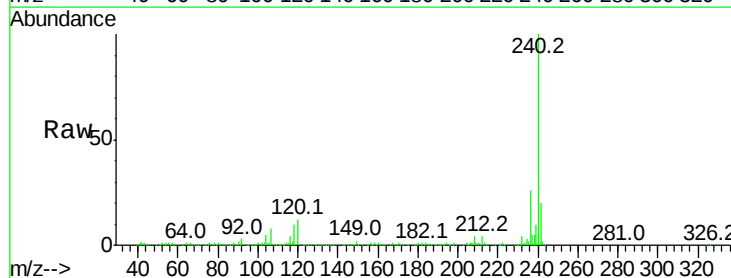
Tgt Ion:240 Resp: 421842

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

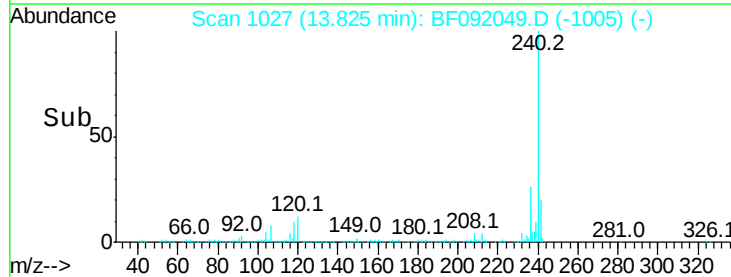
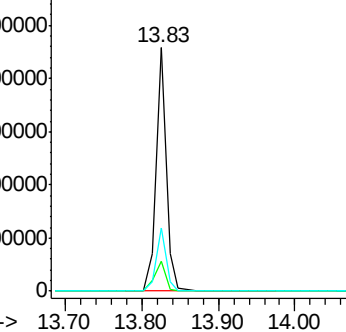
236 26.2 20.9 31.3

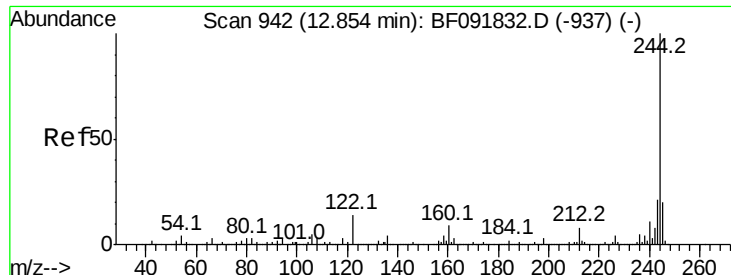


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.09 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

Instrument :

BNA_F

ClientSampled :

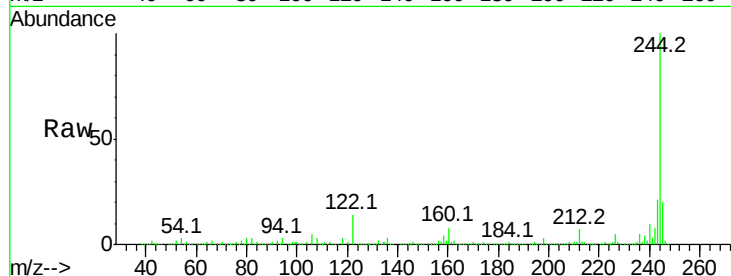
Tot Ion:244 Resp: 1827832

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

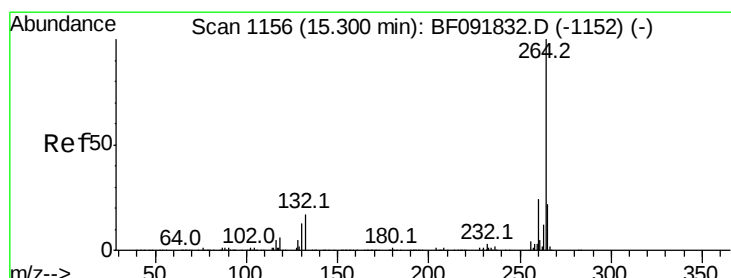
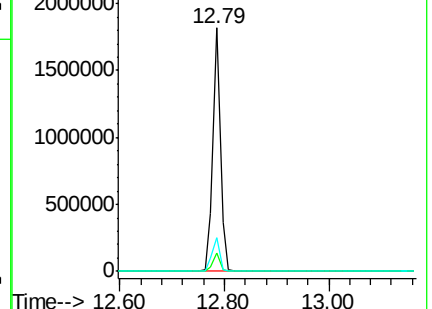
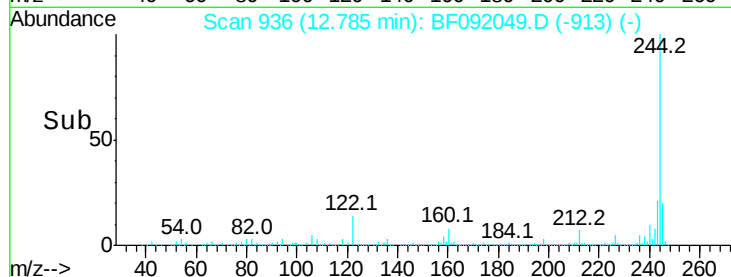
122 13.7 11.4 17.2



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: 15.21 min Scan# 1148

Delta R.T. -0.05 min

Lab File: BF092049.D

Acq: 30 Dec 2016 16:21

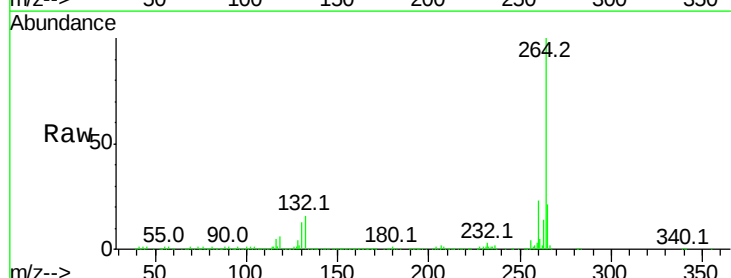
Tgt Ion:264 Resp: 350911

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 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

