

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109162.D
 Acq On : 19 Sep 2018 23:38
 Operator : JU/SJ
 Sample : J4984-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-S

Quant Time: Sep 20 04:53:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

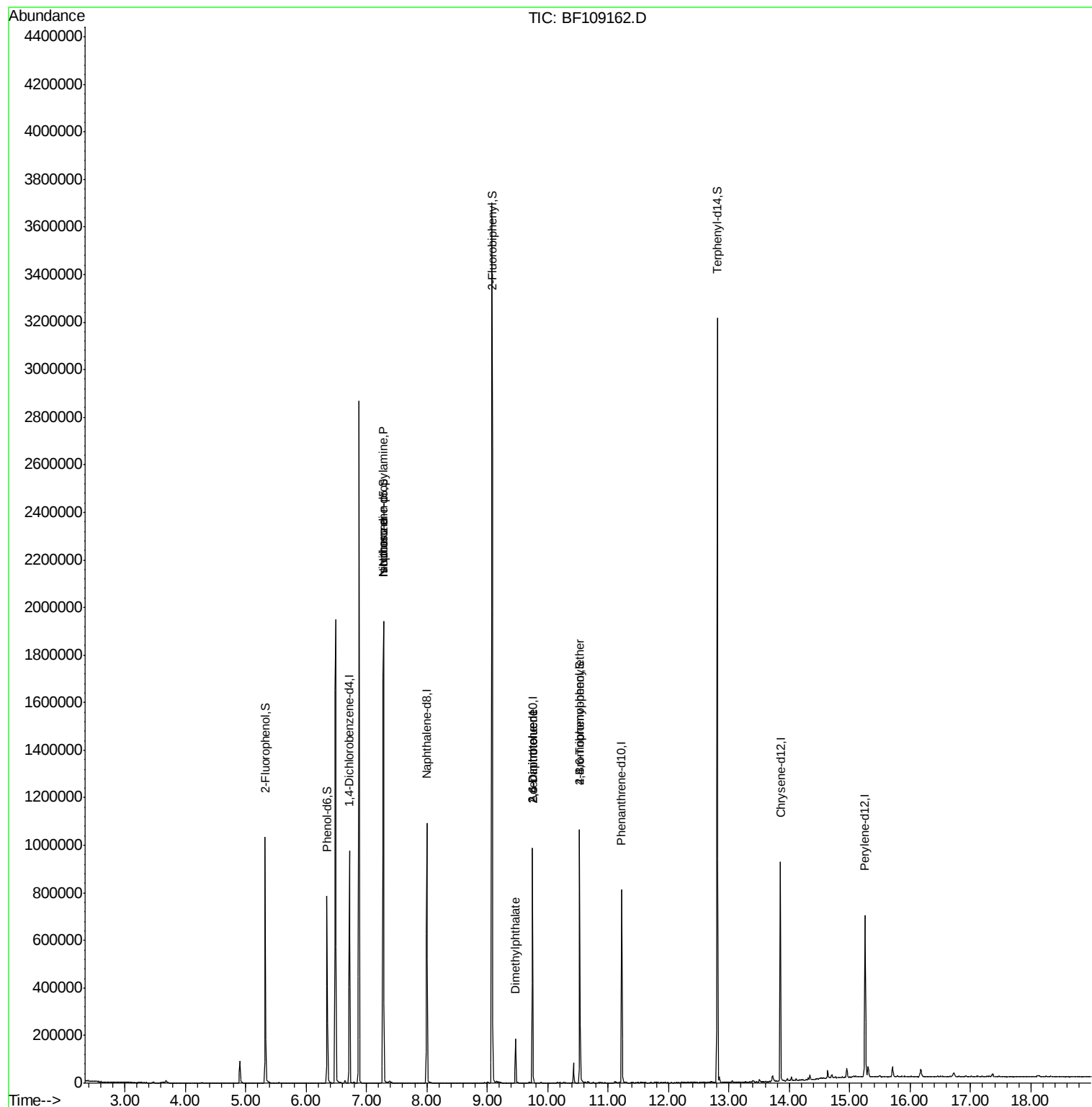
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128817	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	449039	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	182462	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	315084	20.00	ng	0.00
75) Chrysene-d12	13.85	240	337443	20.00	ng	0.00
86) Perylene-d12	15.25	264	301896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	290365	37.44	ng	0.00
7) Phenol-d6	6.35	99	227466	22.74	ng	-0.01
23) Nitrobenzene-d5	7.28	82	689684	86.15	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	133582	67.46	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1151992	98.92	ng	0.00
78) Terphenyl-d14	12.81	244	1080917	75.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	91341	13.817	ng	# 76
25) Isophorone	7.28	82	683851	49.691	ng	# 64
49) Dimethylphthalate	9.47	163	78215	5.998	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	22376	7.737	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	22376	5.916	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	8205	2.310	ng	# 1

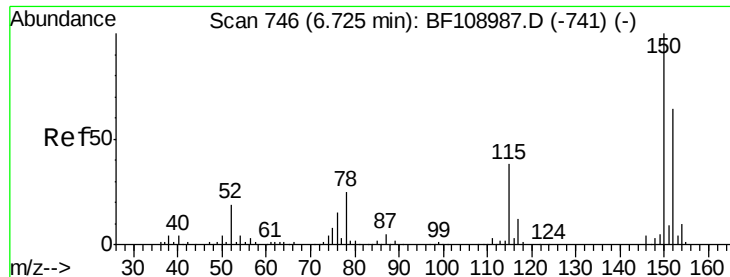
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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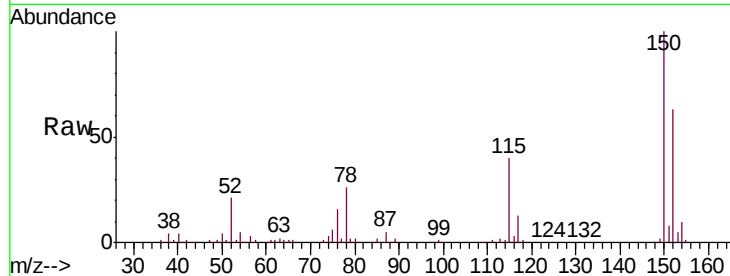




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.9	50.1	75.1

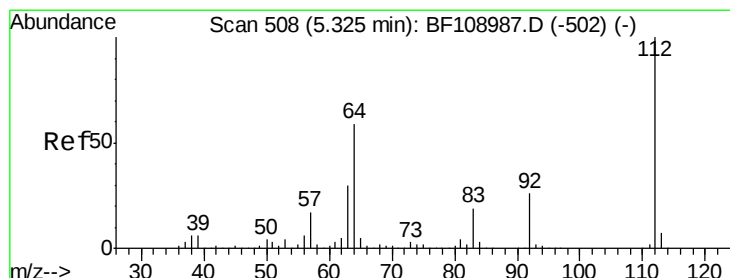
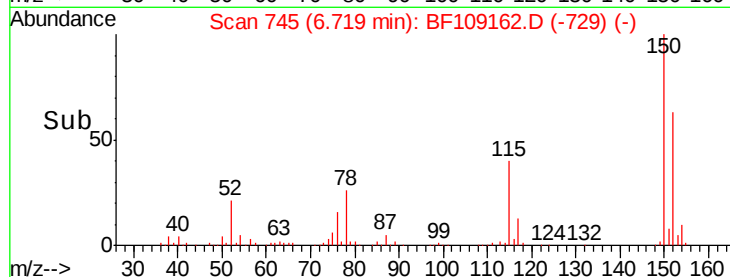
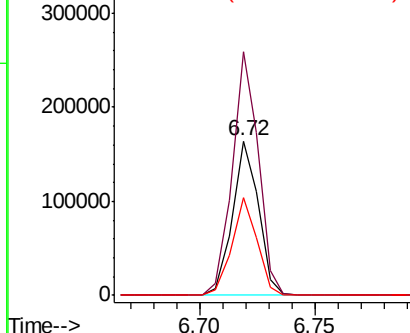


Abundance

Ion 152.00 (151.70 to 152.70): E

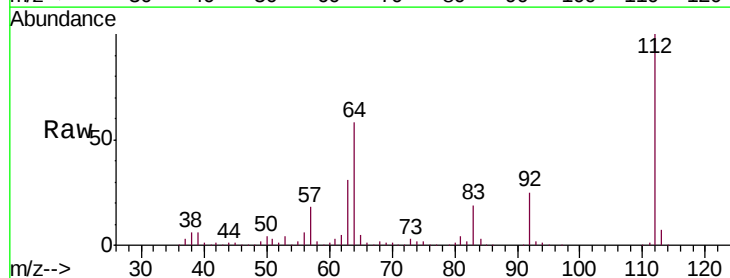
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 37.438 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	30.6	23.7	35.5

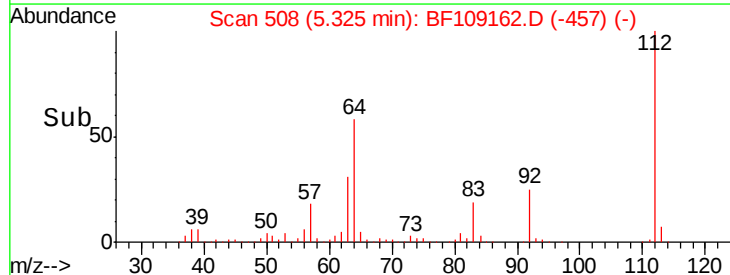
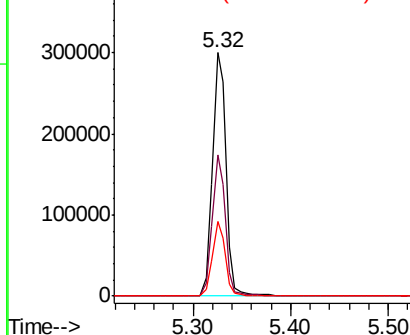


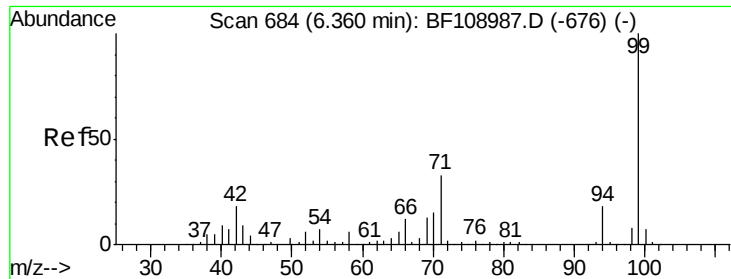
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.745 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-D-S

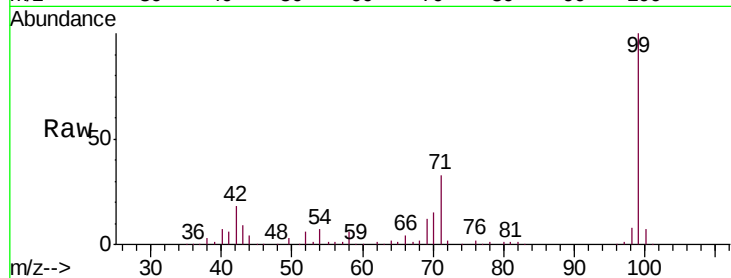
Tgt Ion: 99 Resp: 227466

Ion Ratio Lower Upper

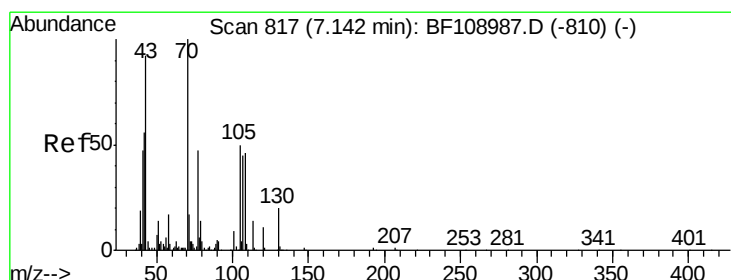
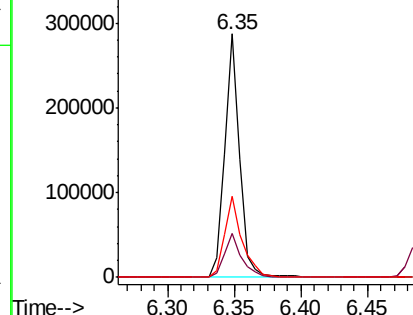
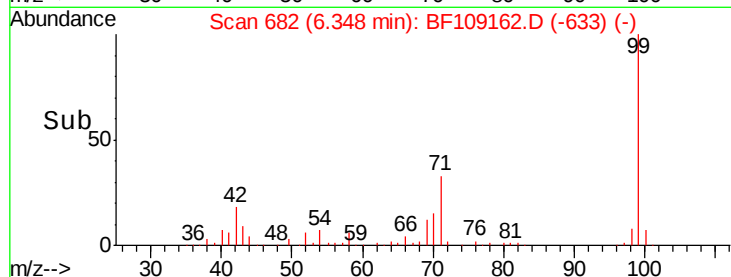
99 100

42 18.2 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.817 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

Tgt Ion: 70 Resp: 91341

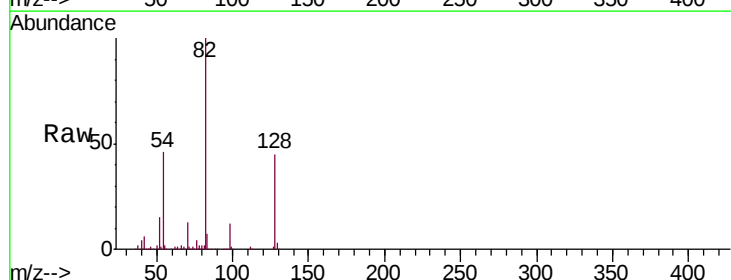
Ion Ratio Lower Upper

70 100

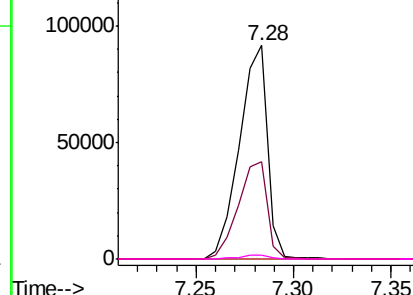
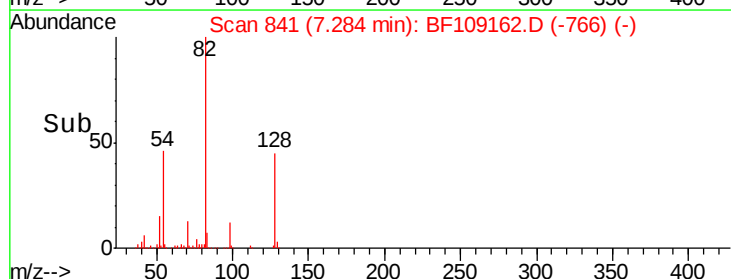
42 45.4 47.5 71.3#

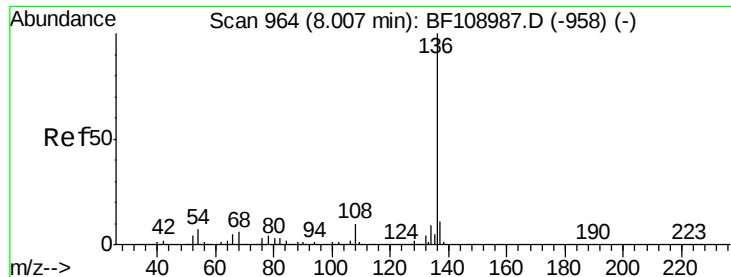
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

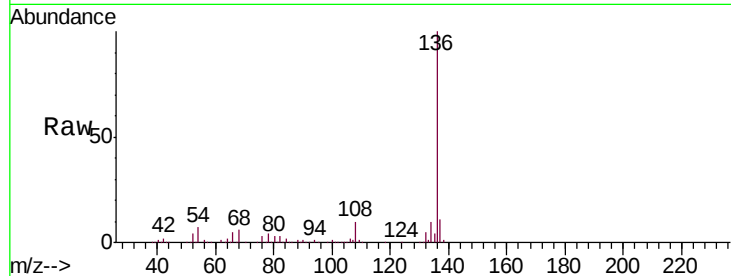




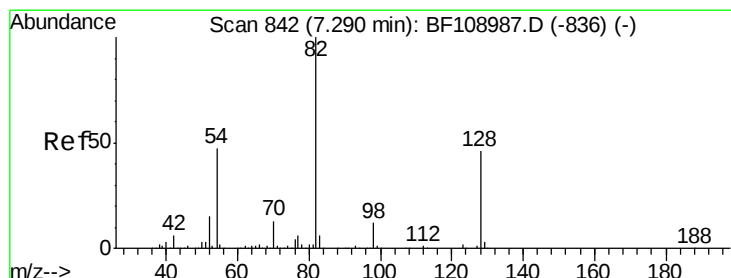
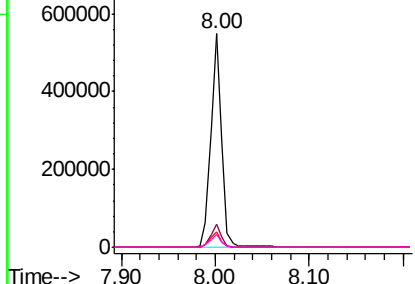
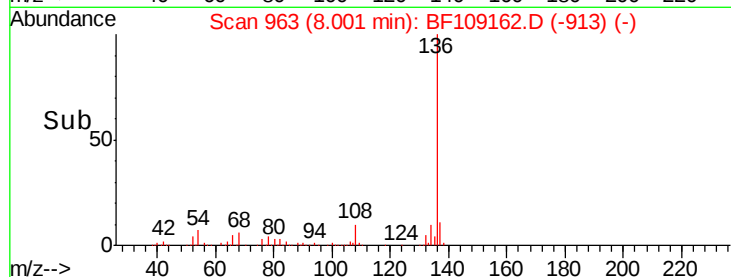
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-D-S

Tgt Ion:	136	Resp:	449039
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	5.9	5.0	7.4

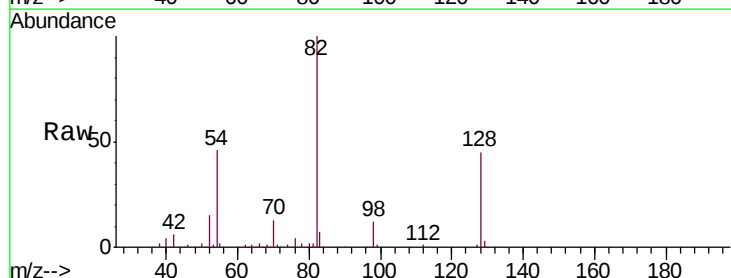


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

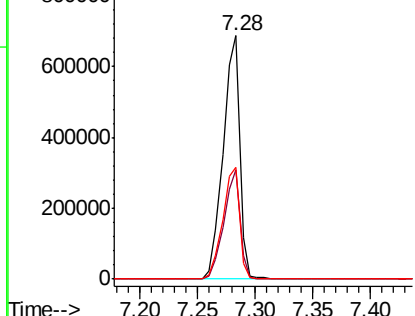
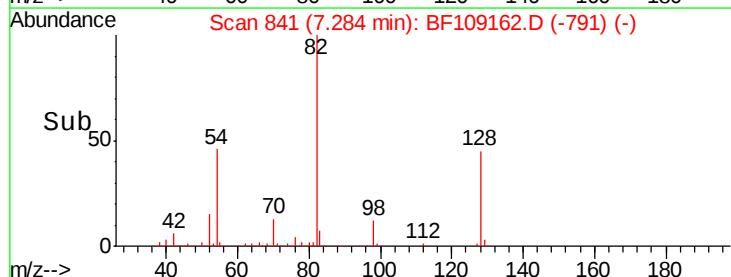


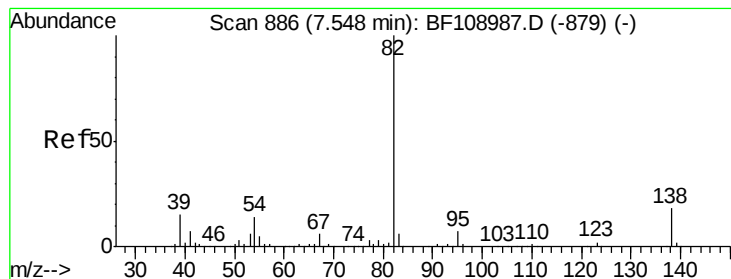
#23
Nitrobenzene-d5
Concen: 86.147 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Tgt Ion:	82	Resp:	689684
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	45.9	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.691 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-D-S

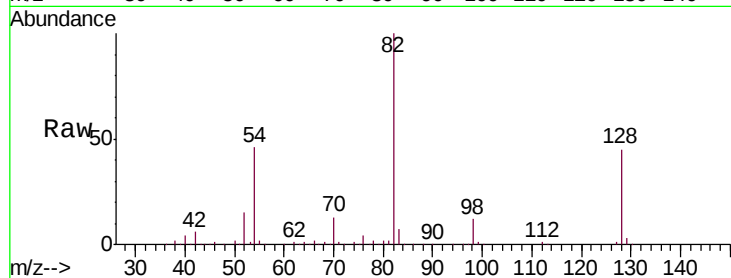
Tgt Ion: 82 Resp: 683851

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

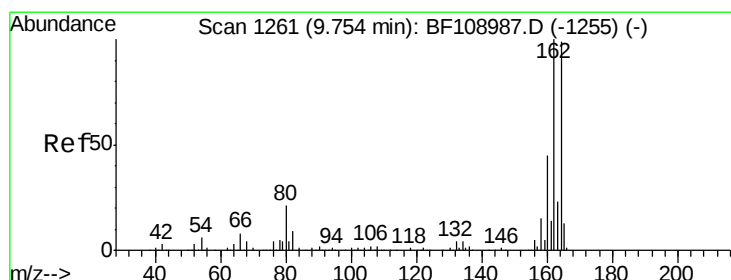
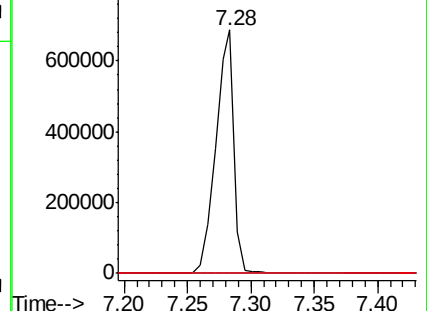
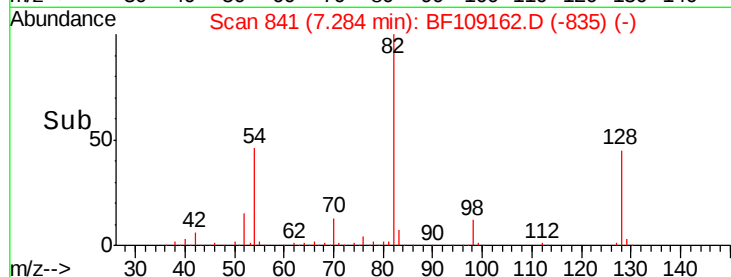
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

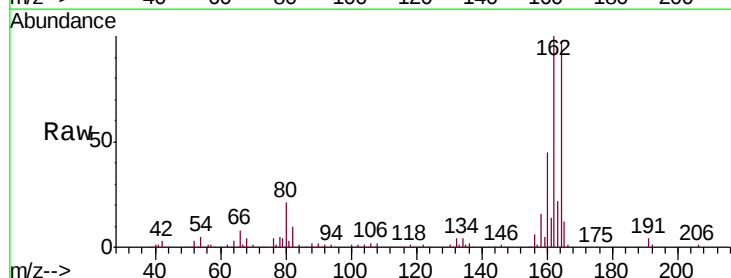
Tgt Ion: 164 Resp: 182462

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

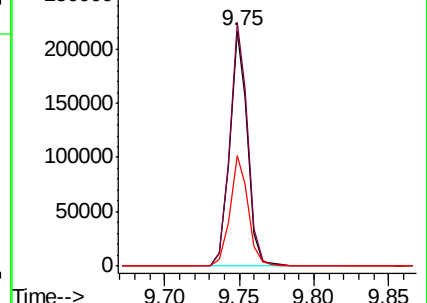
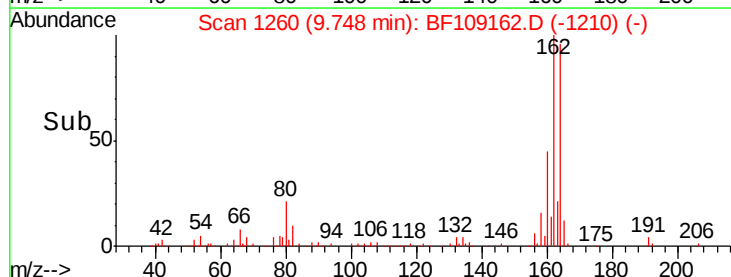
160 46.8 38.3 57.5

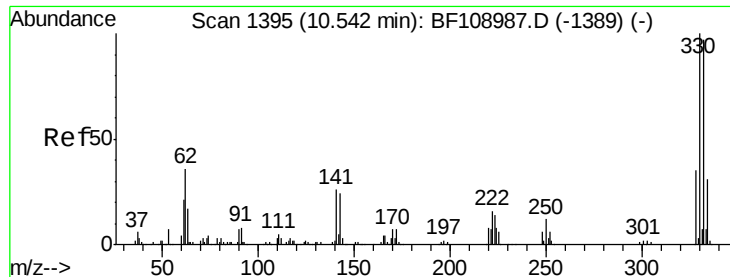


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

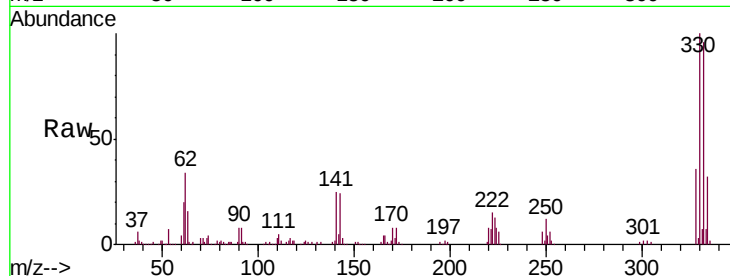




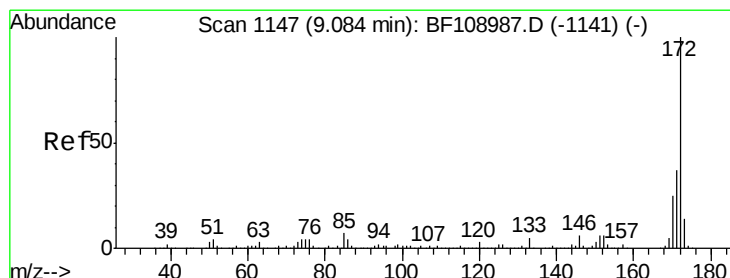
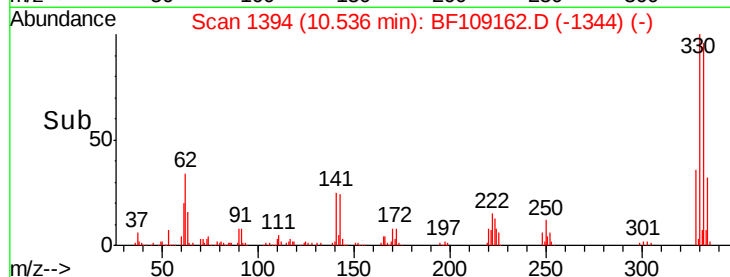
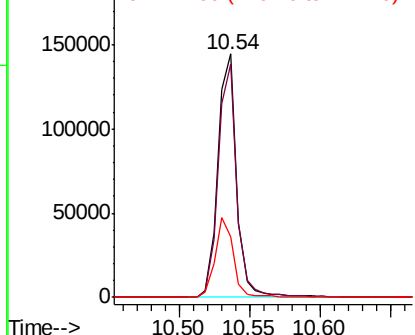
#41
 2,4,6-Tribromophenol
 Concen: 67.459 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.7	29.9	44.9

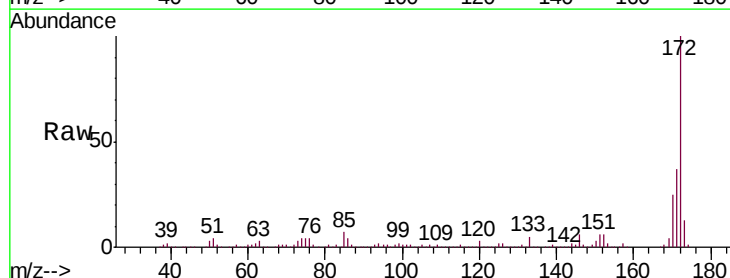


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

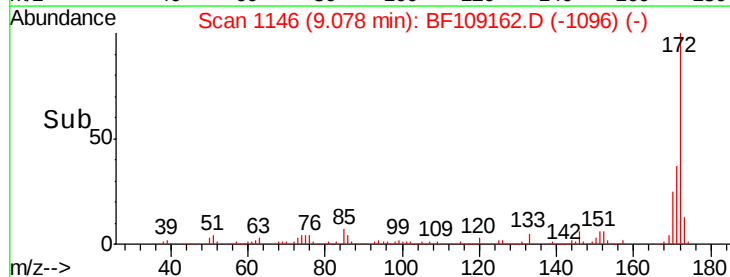
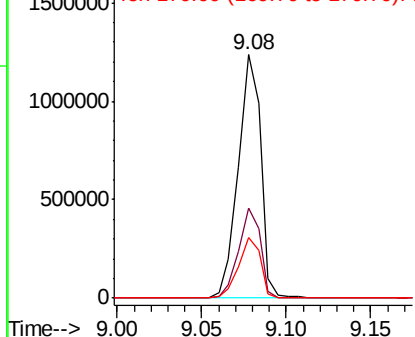


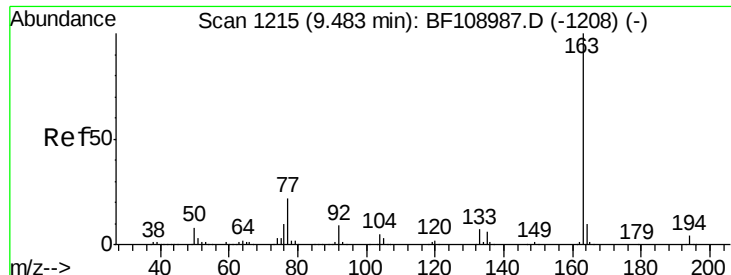
#44
 2-Fluorobiphenyl
 Concen: 98.917 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4



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

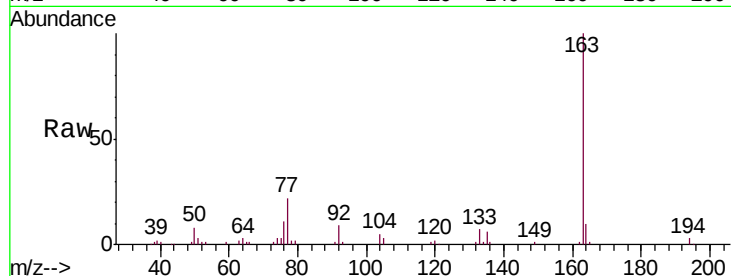




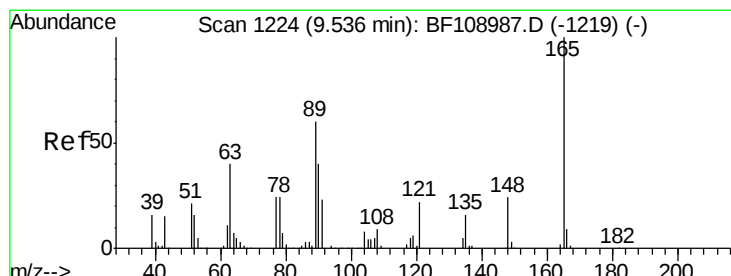
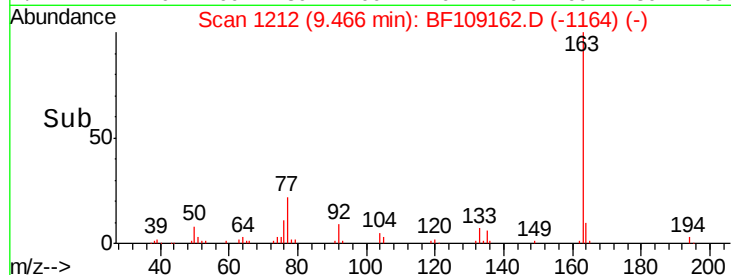
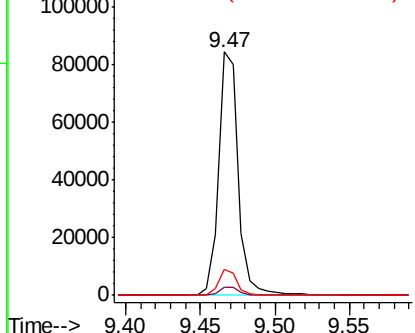
#49
Dimethylphthalate
Concen: 5.998 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-D-S

Tgt Ion:163 Resp: 78215
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 8.2 12.2

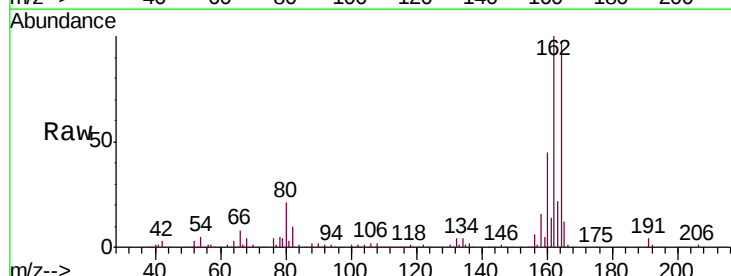


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

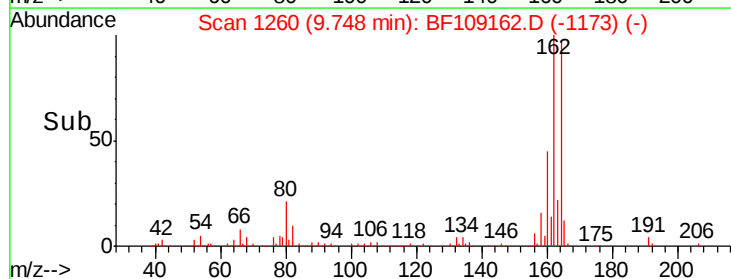
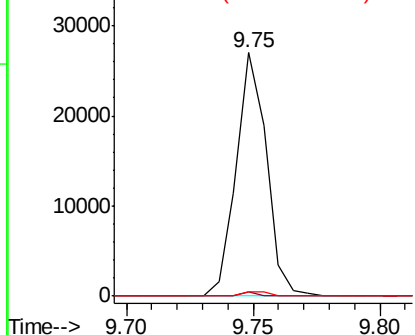


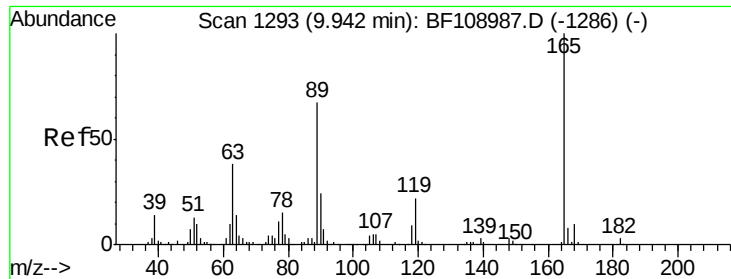
#50
2,6-Dinitrotoluene
Concen: 7.737 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Tgt Ion:165 Resp: 22376
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 1.7 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

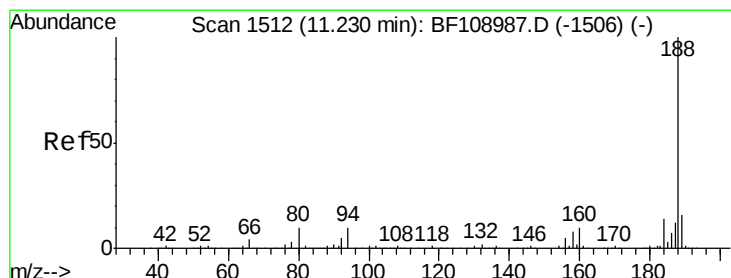
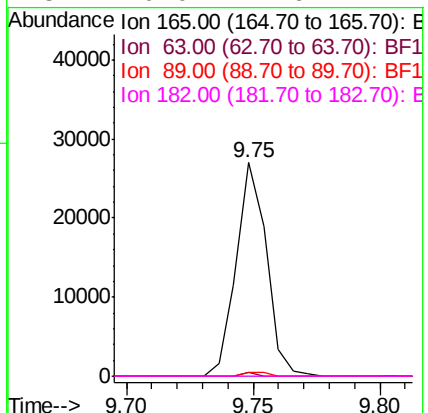
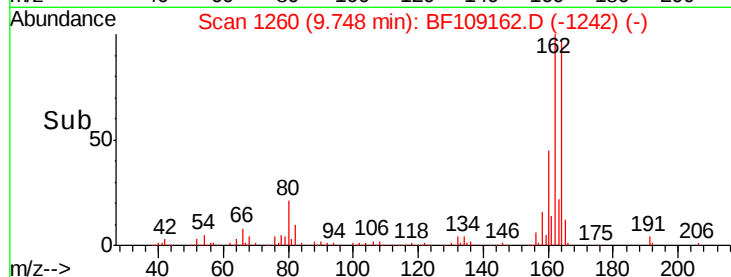
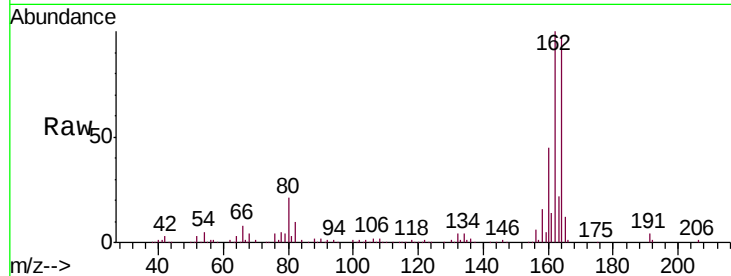




#56
 2,4-Dinitrotoluene
 Concen: 5.916 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

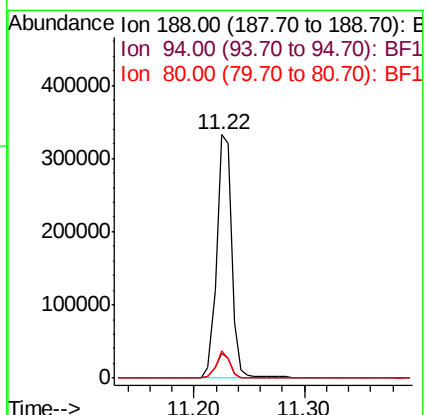
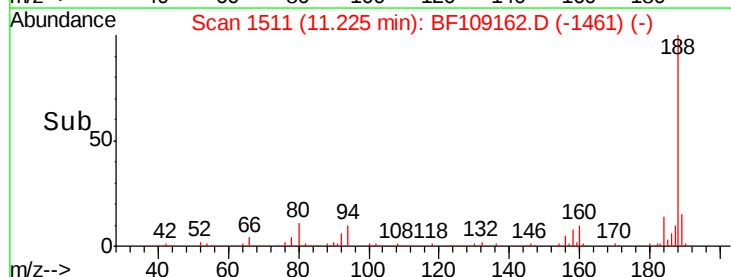
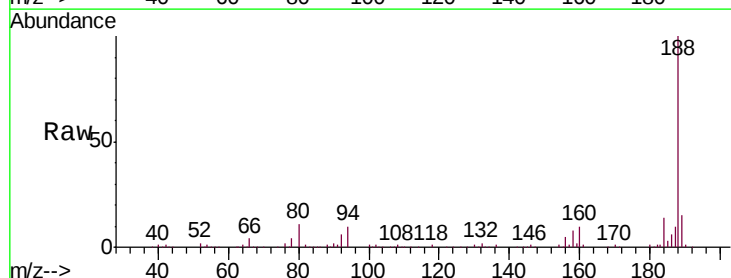
Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-D-S

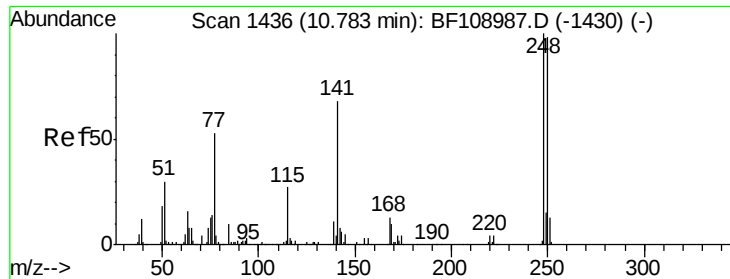
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109162.D
 Acq: 19 Sep 2018 23:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.3	9.2	13.8

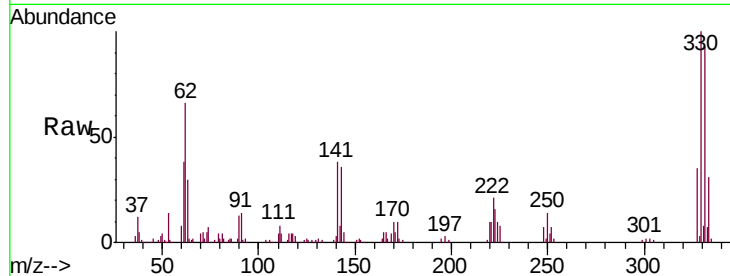




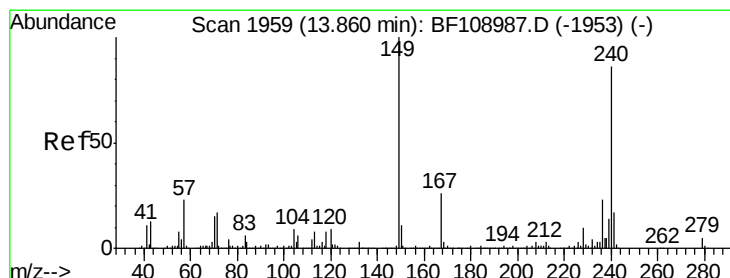
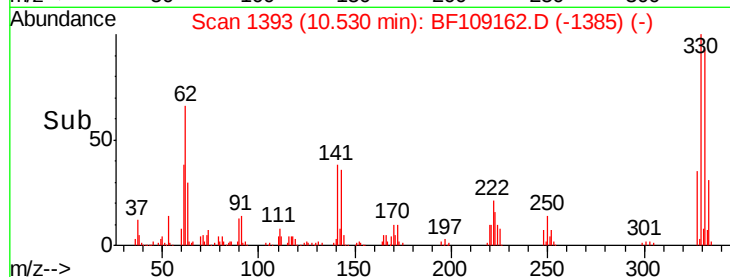
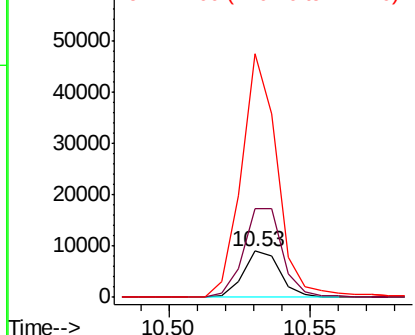
#66
4-Bromophenyl-phenylether
Concen: 2.310 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-D-S

Tgt Ion:248 Resp: 8205
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 526.6 74.4 111.6#

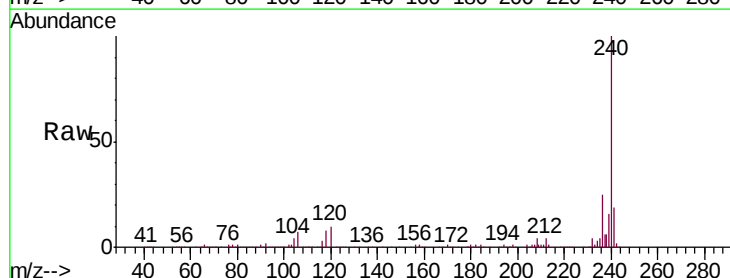


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

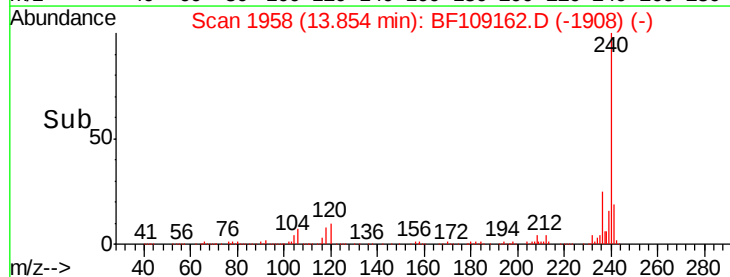
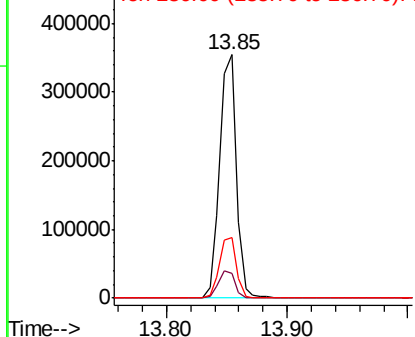


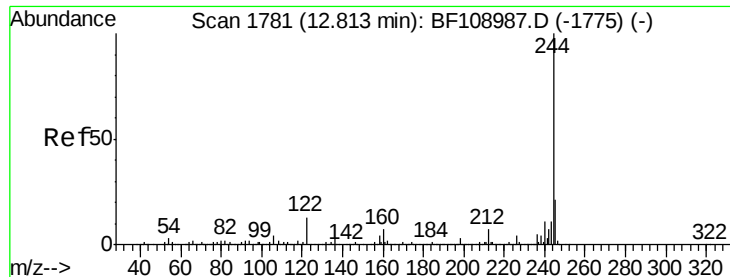
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109162.D
Acq: 19 Sep 2018 23:38

Tgt Ion:240 Resp: 337443
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.0 20.7 31.1



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: 75.926 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-D-S

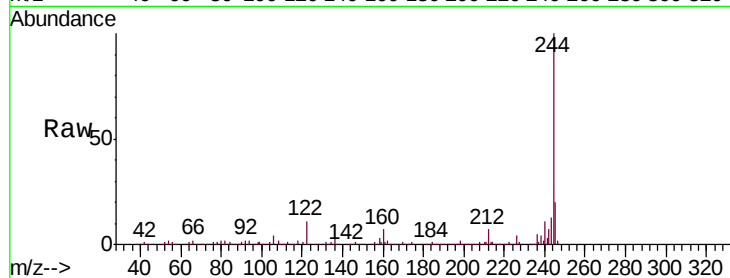
Tgt Ion:244 Resp: 1080917

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

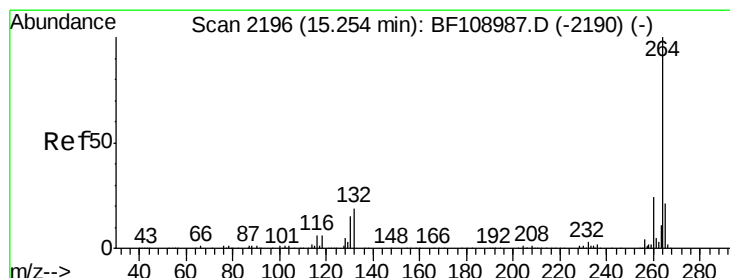
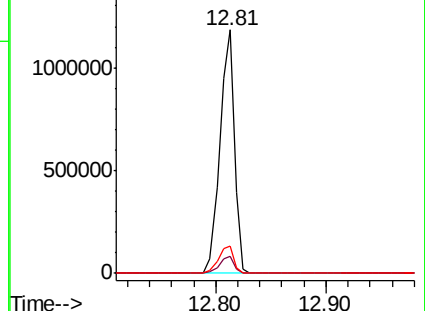
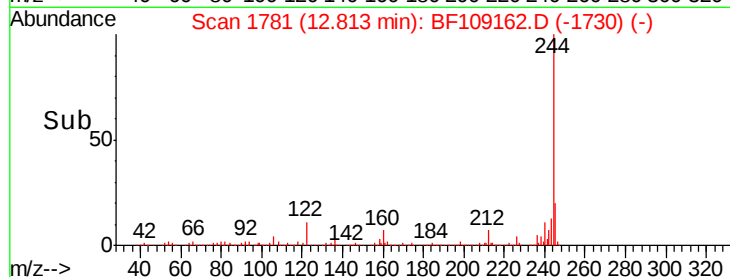
122 11.1 11.0 16.4



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: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109162.D

Acq: 19 Sep 2018 23:38

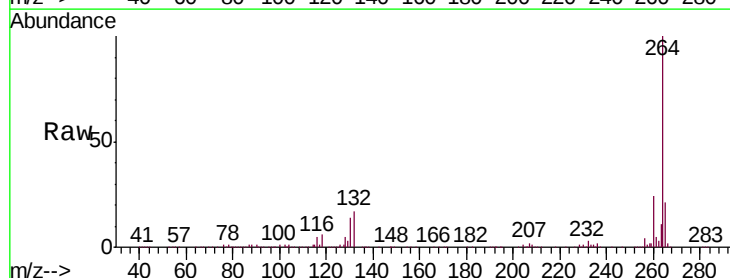
Tgt Ion:264 Resp: 301896

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.3 17.5 26.3



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

