

Data File : BF109027.D
Acq On : 15 Sep 2018 6:24
Operator : JU/SJ
Sample : J4901-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-U-S

Quant Time: Sep 17 03:15:22 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	168513	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	649735	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	314587	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	610486	20.00	ng	0.00
75) Chrysene-d12	13.85	240	413246	20.00	ng	-0.01
86) Perylene-d12	15.25	264	406585	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	397133	39.14	ng	0.00
7) Phenol-d6	6.34	99	334223	25.55	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1017093	87.80	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	297992	87.28	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1721677	85.74	ng	0.00
78) Terphenyl-d14	12.81	244	1804924	103.53	ng	0.00

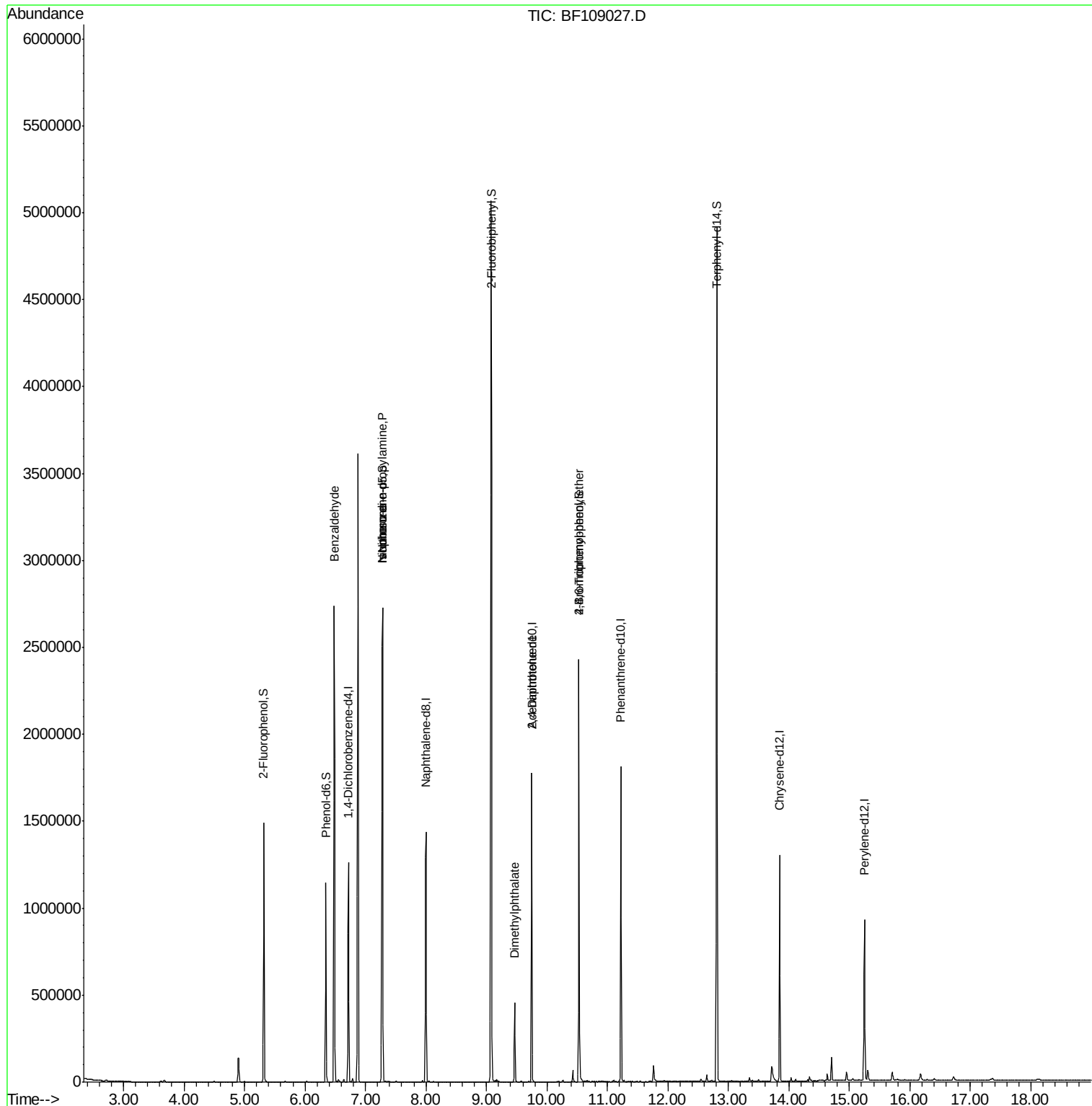
Target Compounds				Qvalue		
9) Benzaldehyde	6.48	77	16741	2.004	ng	# 72
19) n-Nitroso-di-n-propylamine	7.28	70	135765	15.700	ng	# 75
25) Isophorone	7.28	82	1009733	50.708	ng	# 64
49) Dimethylphthalate	9.47	163	159268	7.083	ng	99
56) 2,4-Dinitrotoluene	9.75	165	40047	6.141	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	18081	2.627	ng	# 1

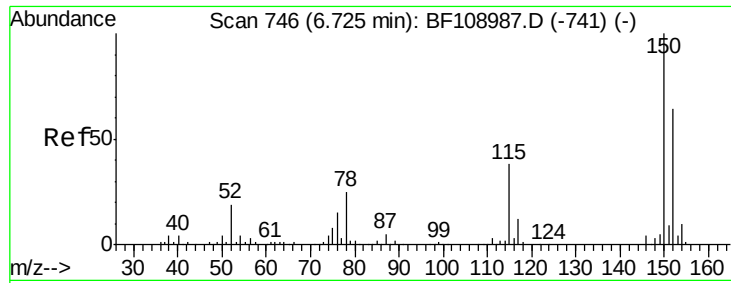
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF109027.D
Acq On : 15 Sep 2018 6:24
Operator : JU/SJ
Sample : J4901-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-U-S

Quant Time: Sep 17 03:15:22 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

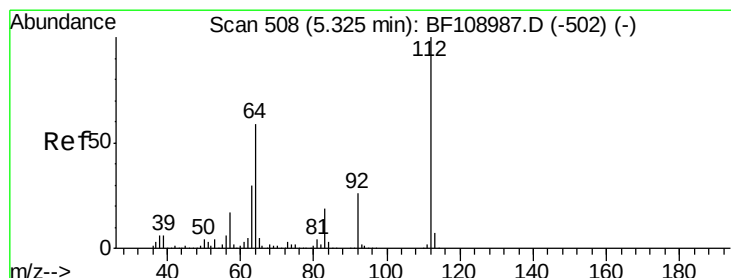
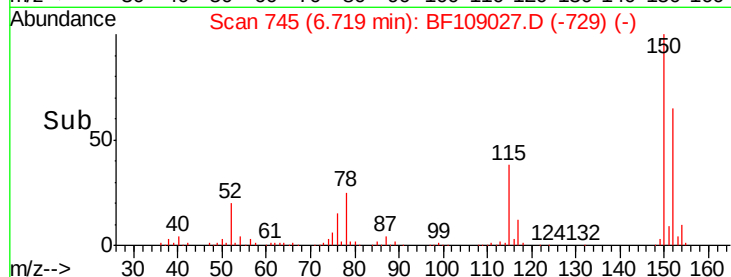
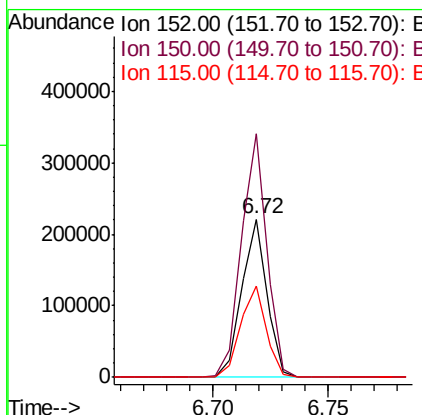
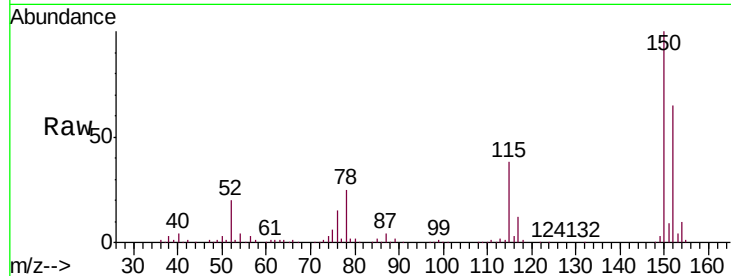




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

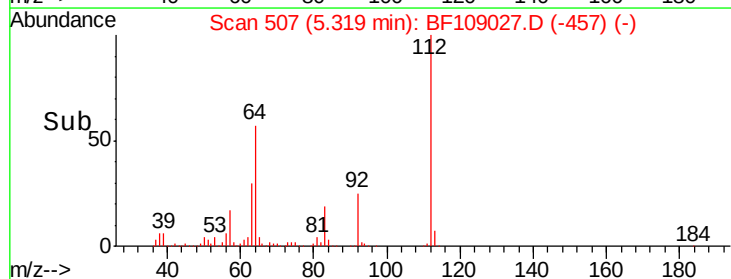
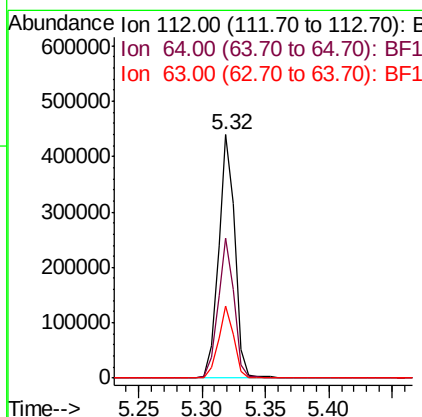
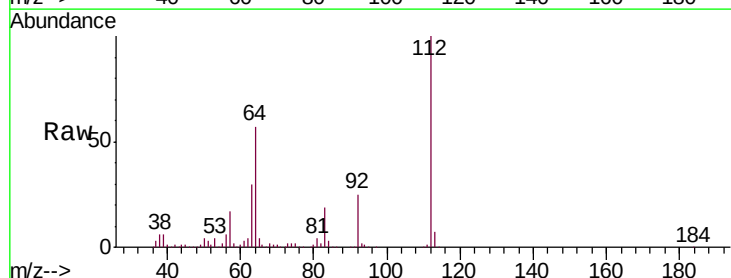
Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-S

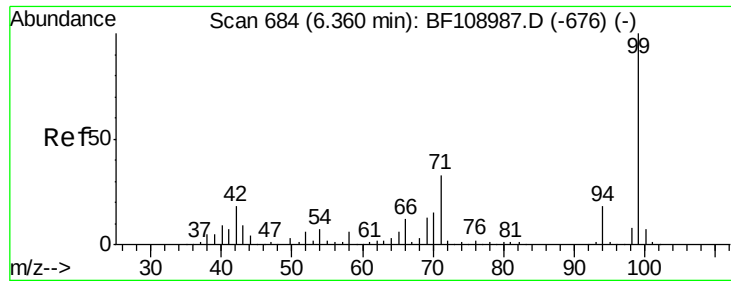
Tgt Ion:152 Resp: 168513
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 57.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 39.142 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

Tgt Ion:112 Resp: 397133
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 25.547 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109027.D

Acq: 15 Sep 2018 6:24

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-S

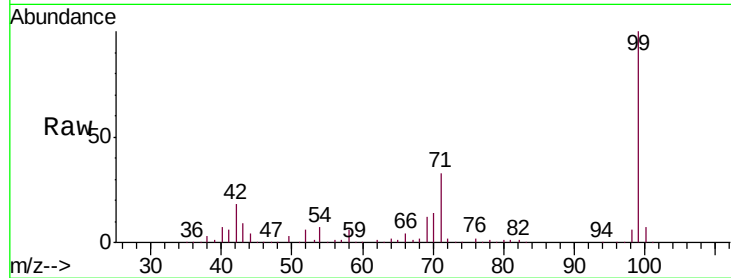
Tgt Ion: 99 Resp: 334223

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

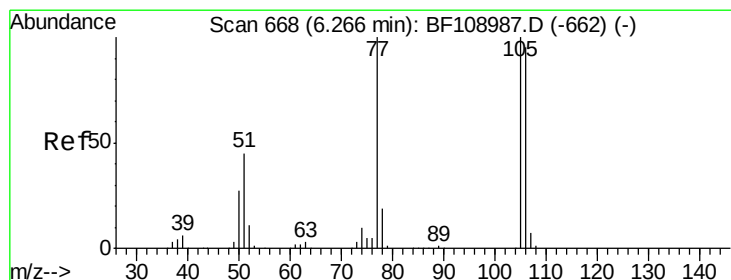
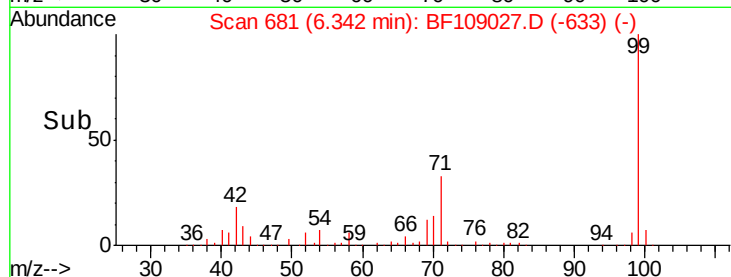
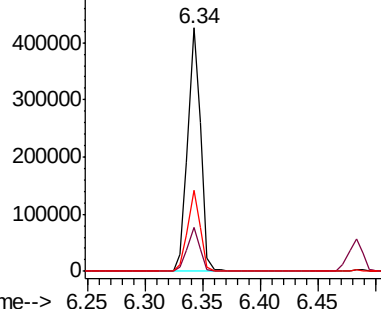
71 33.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.004 ng

RT: 6.48 min Scan# 705

Delta R.T. 0.22 min

Lab File: BF109027.D

Acq: 15 Sep 2018 6:24

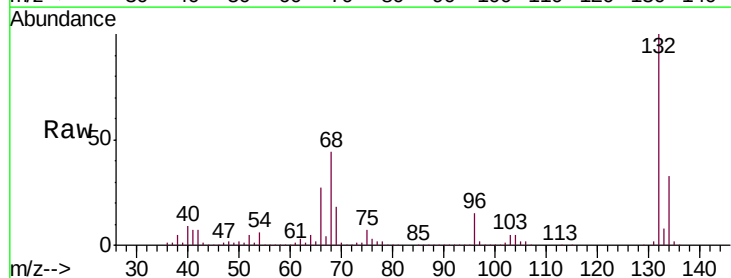
Tgt Ion: 77 Resp: 16741

Ion Ratio Lower Upper

77 100

105 76.8 81.1 121.1#

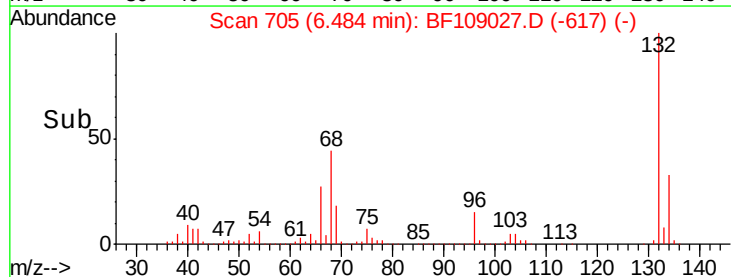
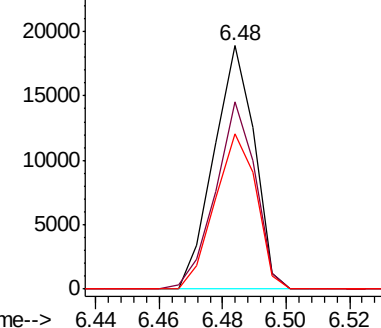
106 64.0 74.5 114.5#

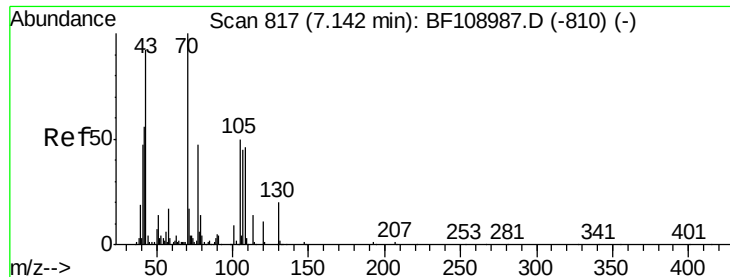


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

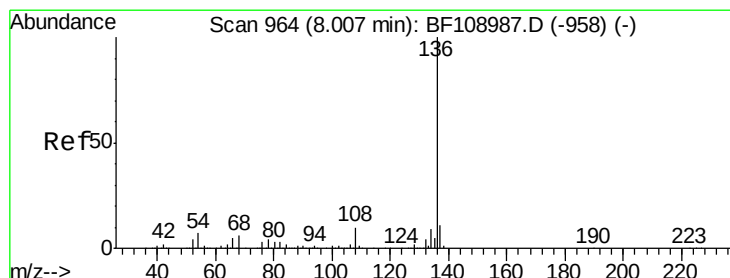
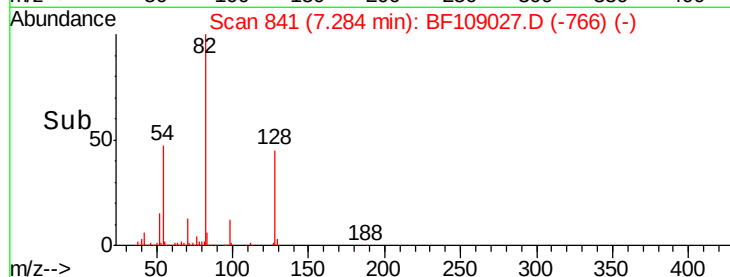
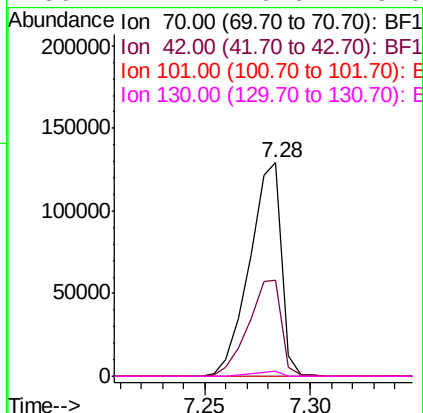
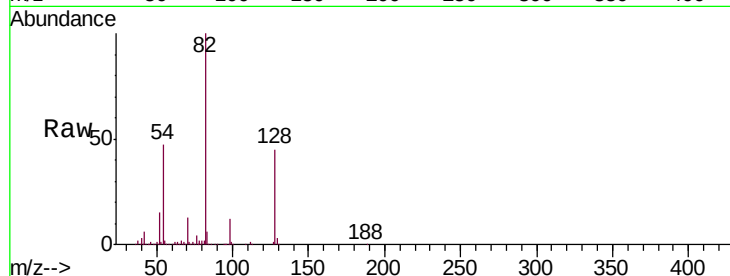




#19
n-Nitroso-di-n-propylamine
Concen: 15.700 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109027.D
Acq: 15 Sep 2018 6:24

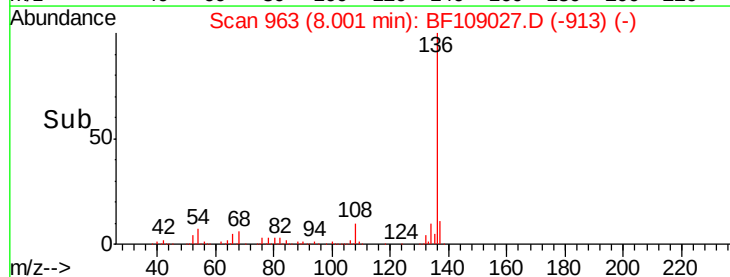
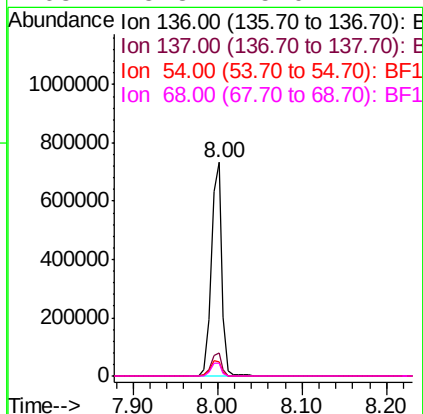
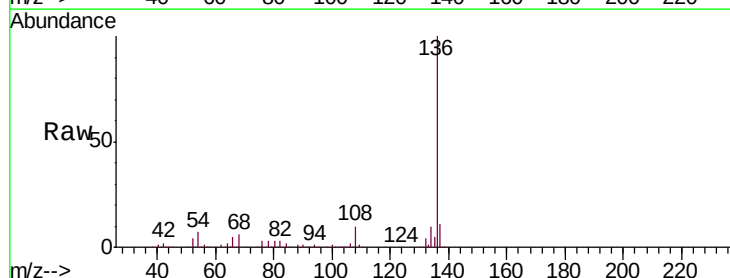
Instrument :
BNA_F
ClientSampleId :
091218-DBRI-F-U-S

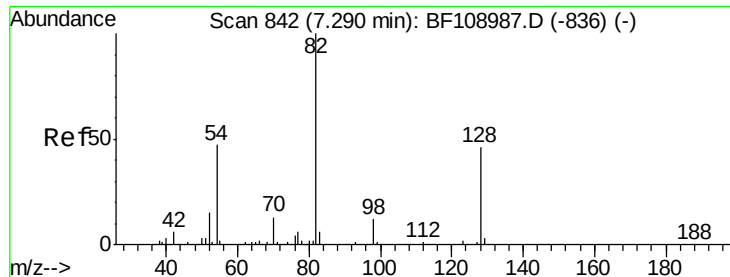
Tgt Ion:	70	Resp:	135765
Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109027.D
Acq: 15 Sep 2018 6:24

Tgt Ion:	136	Resp:	649735
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.6	9.8
68	5.8	5.0	7.4



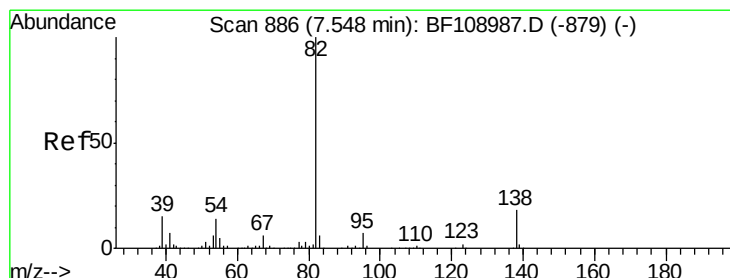
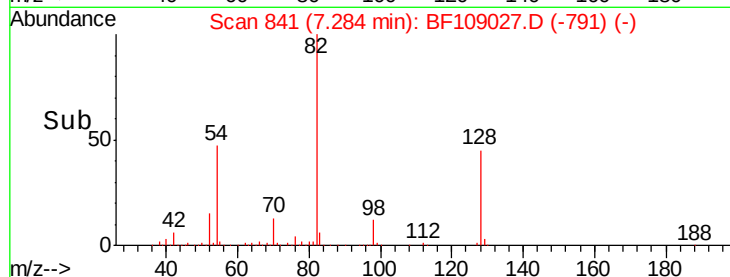
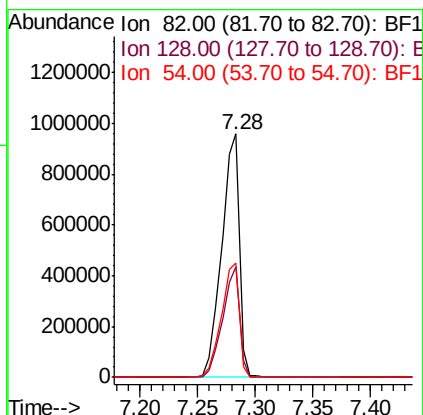
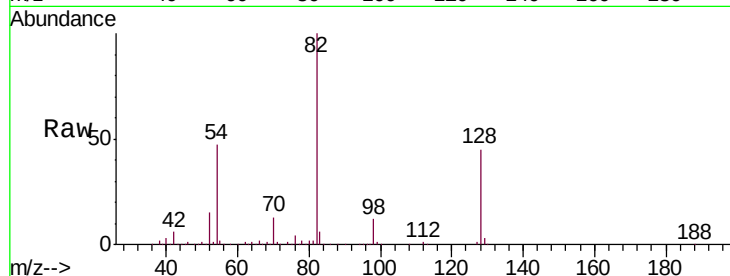


#23
 Nitrobenzene-d5
 Concen: 87.800 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-S

Tgt Ion: 82 Resp: 1017093

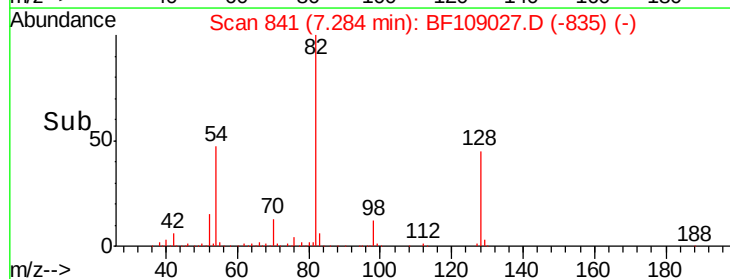
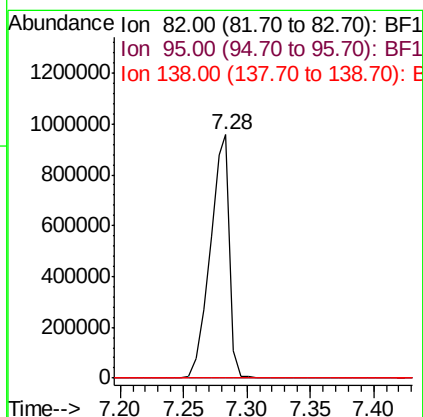
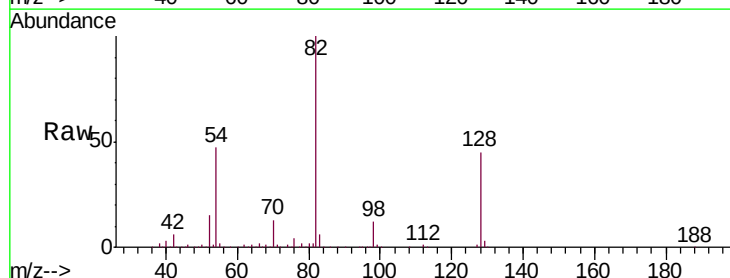
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.9	41.4	62.2

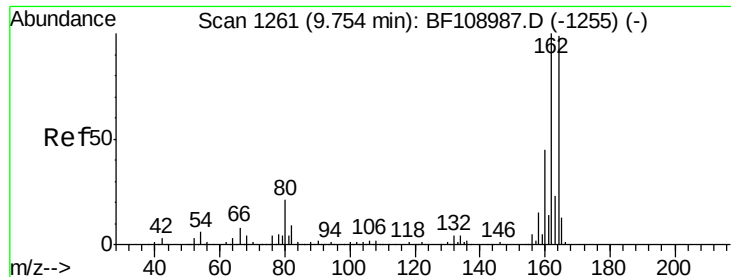


#25
 Isophorone
 Concen: 50.708 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

Tgt Ion: 82 Resp: 1009733

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

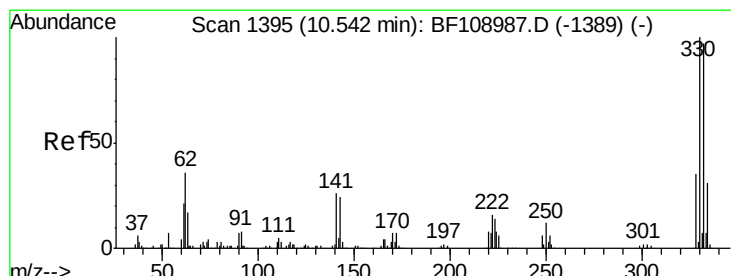
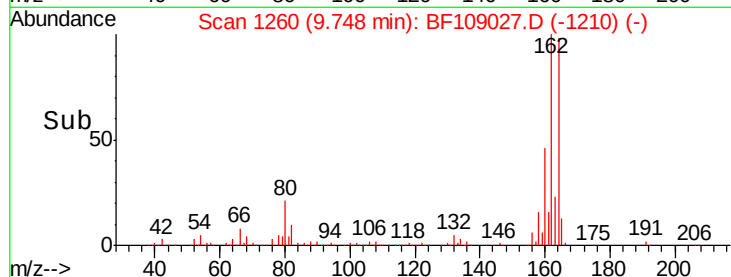
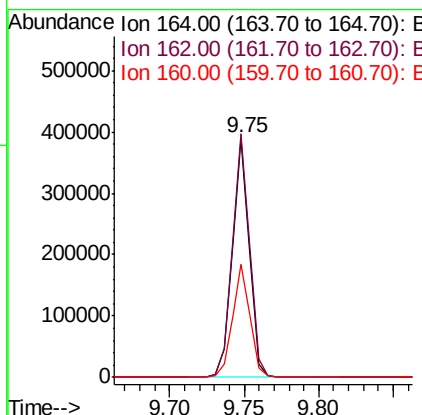
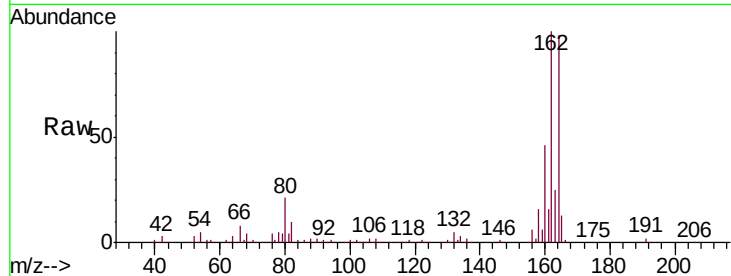




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

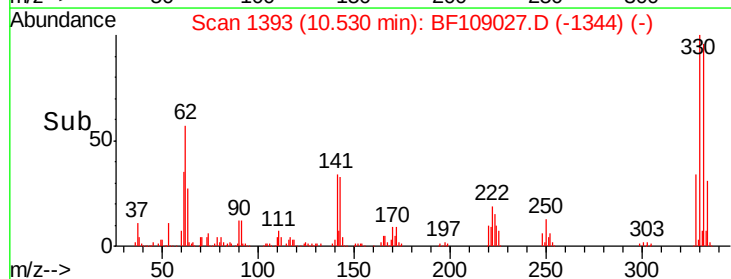
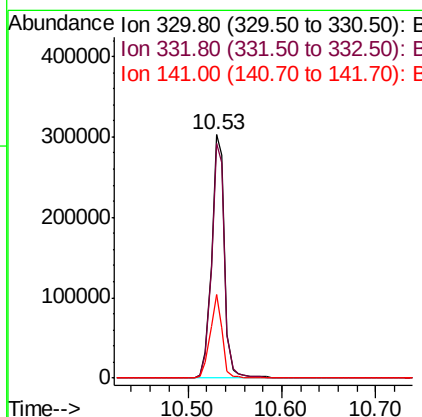
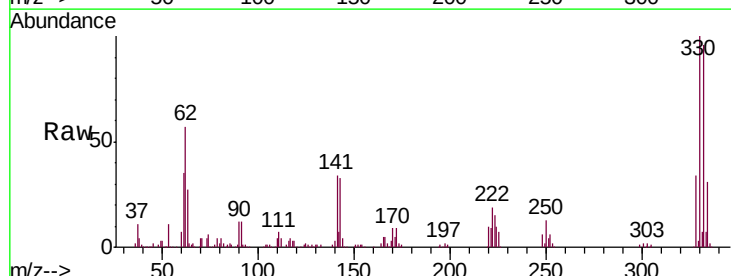
Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-S

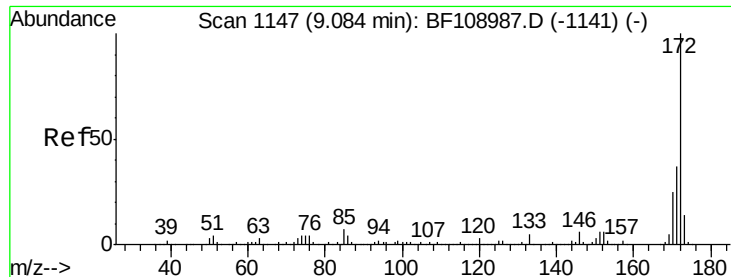
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	47.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 87.283 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.0	29.9	44.9

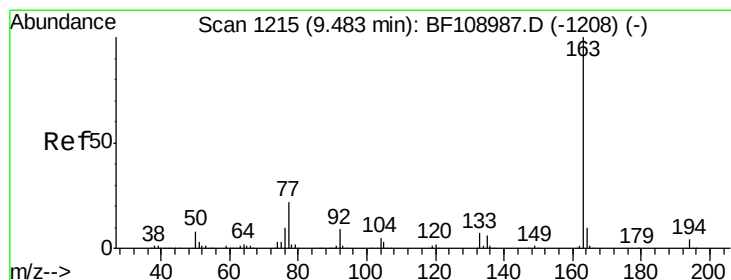
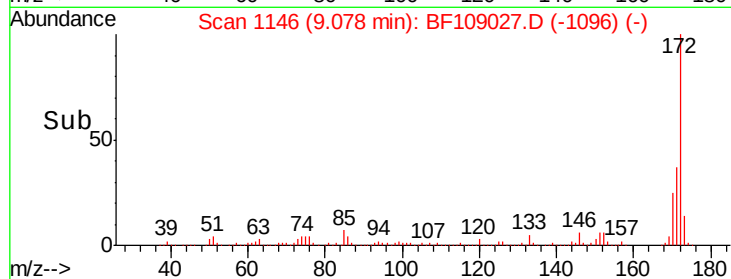
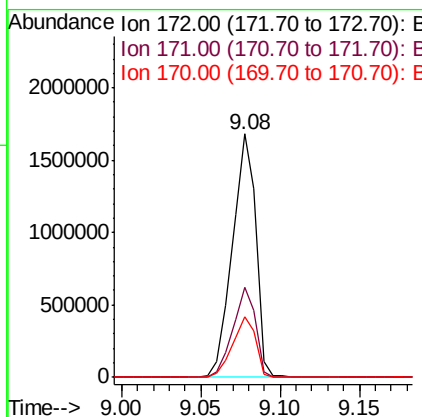
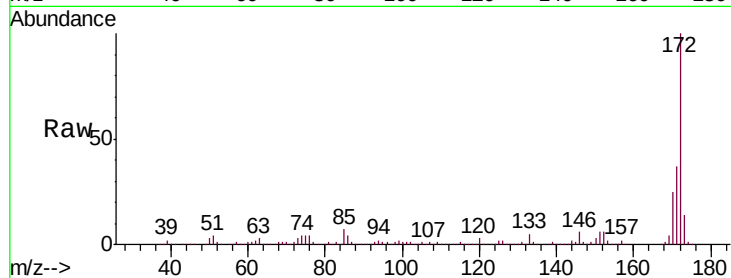




#44
 2-Fluorobiphenyl
 Concen: 85.744 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

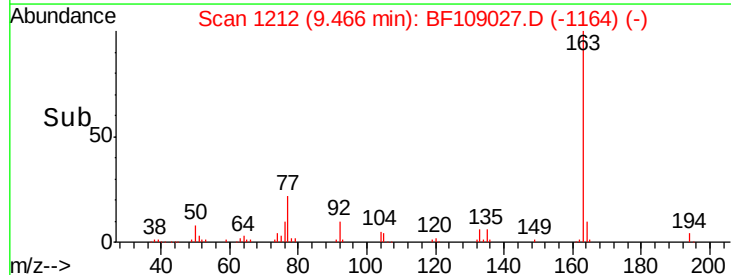
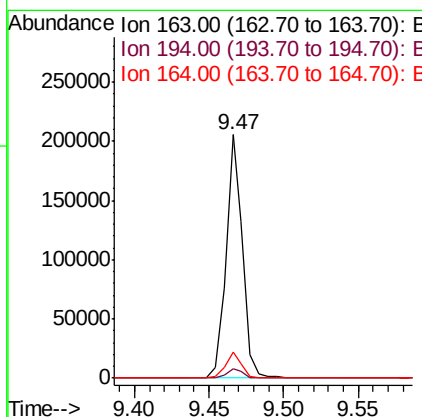
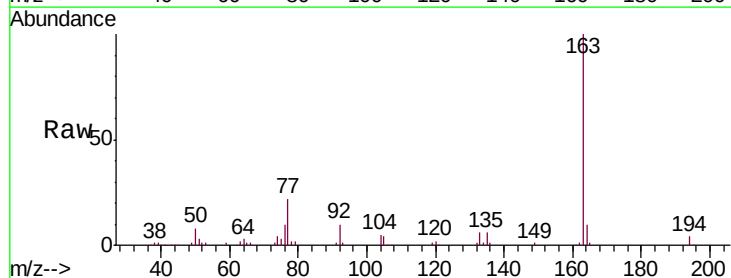
Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-S

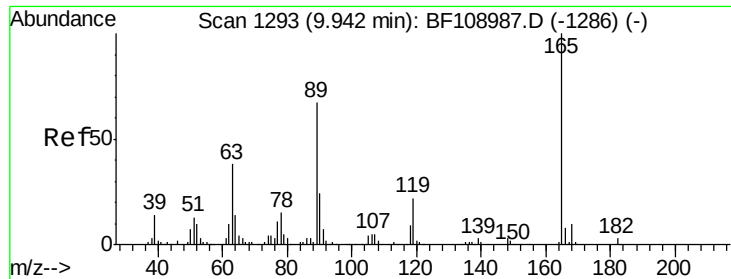
Tgt Ion:172 Resp: 1721677
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 7.083 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

Tgt Ion:163 Resp: 159268
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.5 8.2 12.2

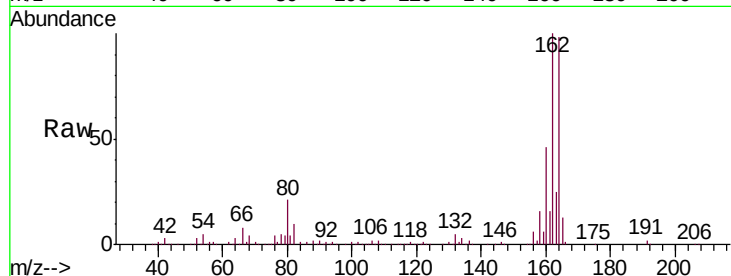




#56
 2,4-Dinitrotoluene
 Concen: 6.141 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-S

Tgt Ion:	165	Resp:	40047
Ion Ratio	Lower	Upper	
165	100		
63	1.6	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

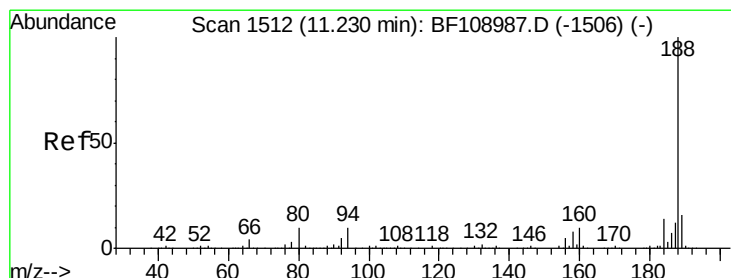
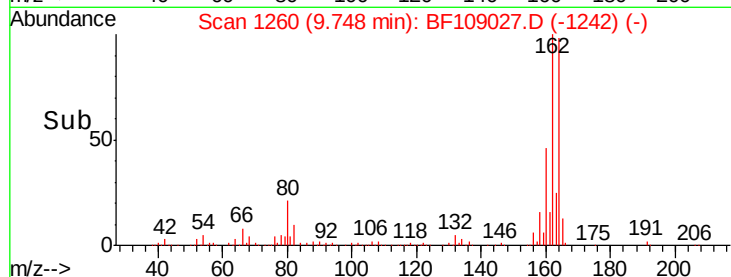
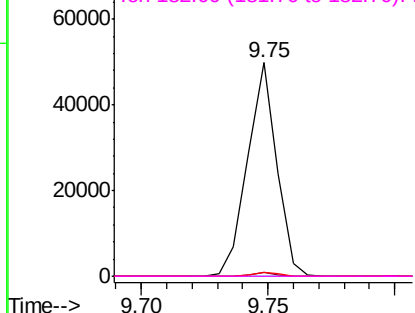


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

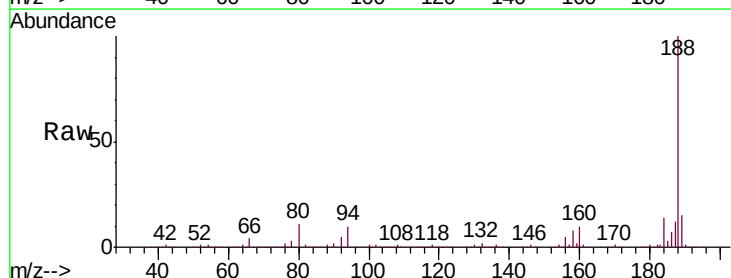
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

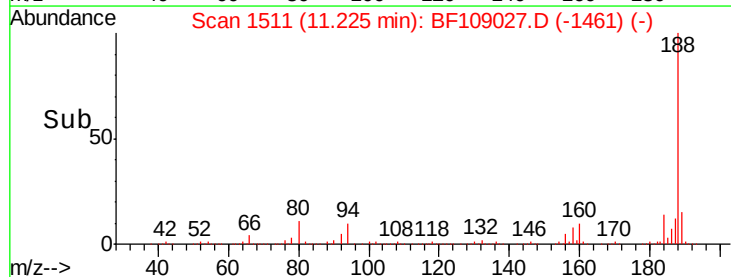
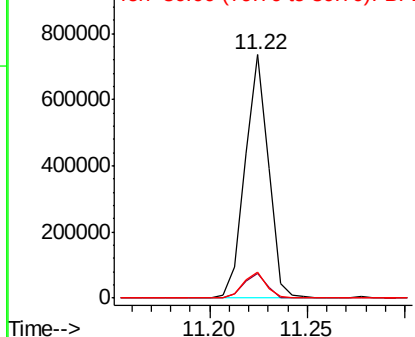
Tgt Ion:	188	Resp:	610486
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	10.6	9.2	13.8

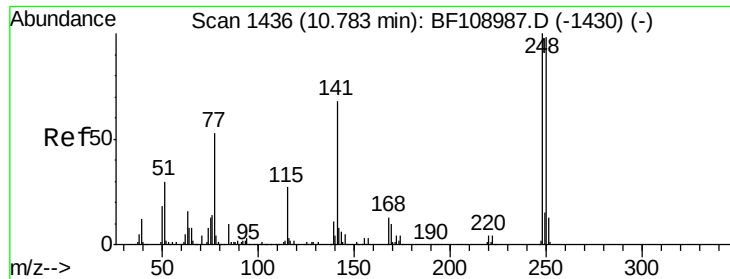


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

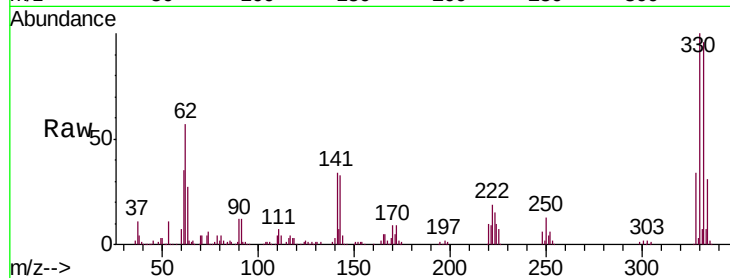




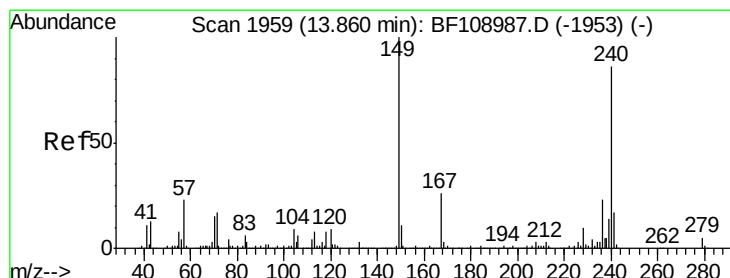
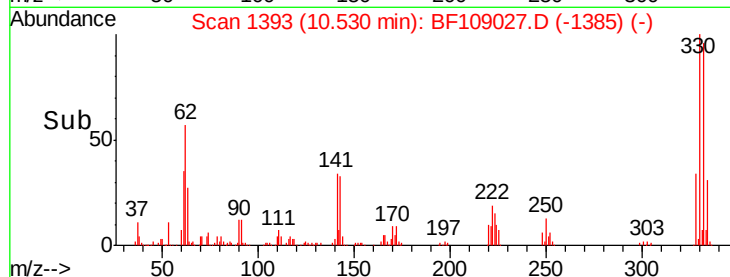
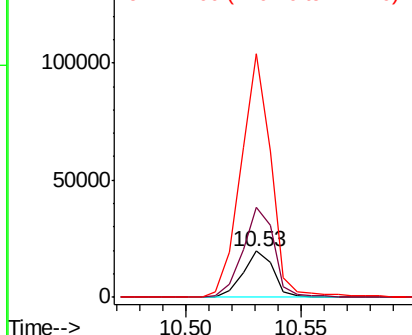
#66
 4-Bromophenyl-phenylether
 Concen: 2.627 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-S

Tgt Ion: 248 Resp: 18081
 Ion Ratio Lower Upper
 248 100
 250 195.1 76.9 115.3#
 141 530.0 74.4 111.6#

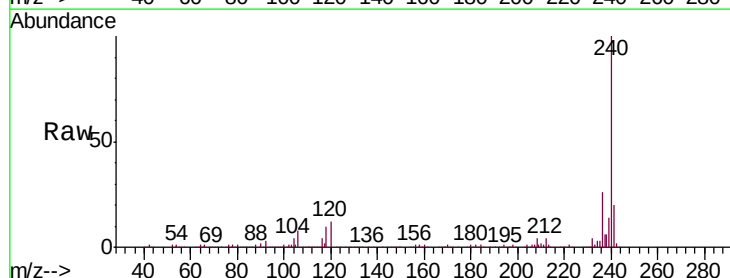


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

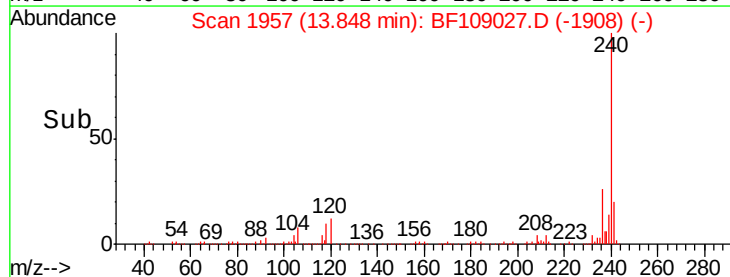
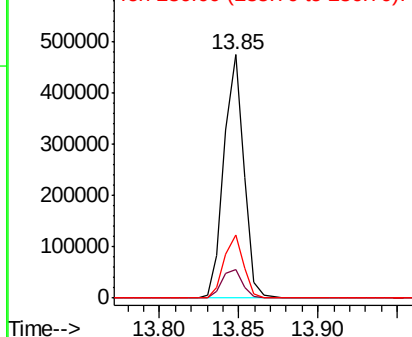


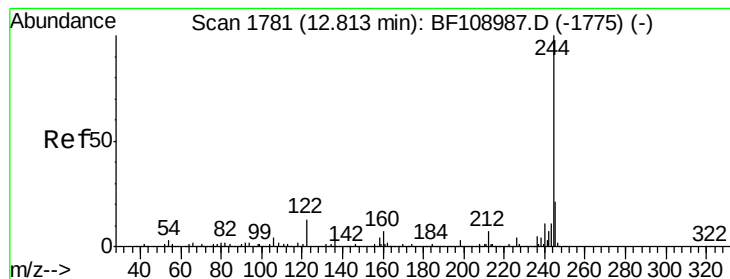
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109027.D
 Acq: 15 Sep 2018 6:24

Tgt Ion: 240 Resp: 413246
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 26.0 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: 103.525 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109027.D

Acq: 15 Sep 2018 6:24

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-S

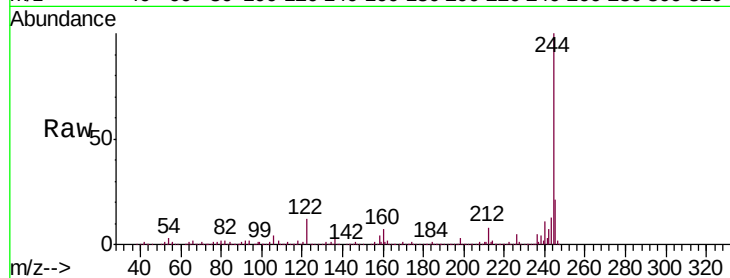
Tgt Ion:244 Resp: 1804924

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

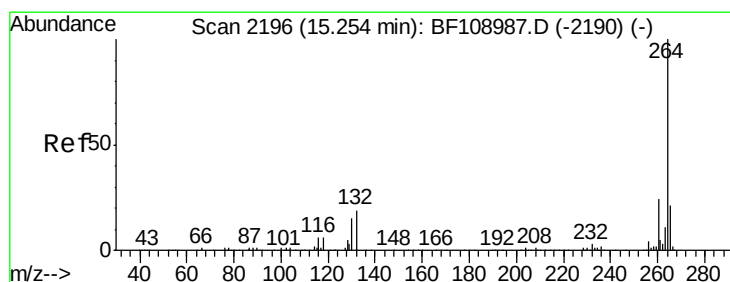
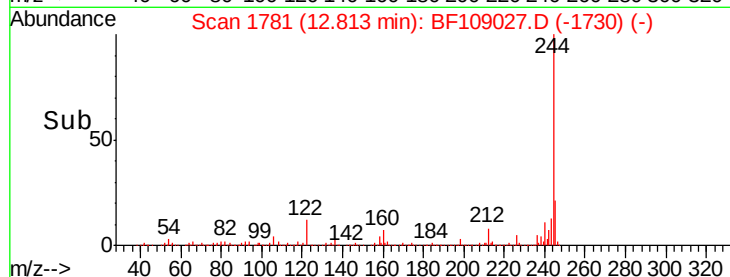
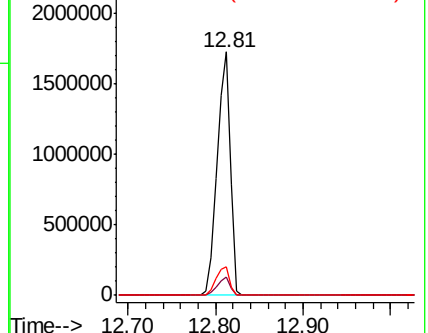
122 11.9 11.0 16.4



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# 2195

Delta R.T. -0.01 min

Lab File: BF109027.D

Acq: 15 Sep 2018 6:24

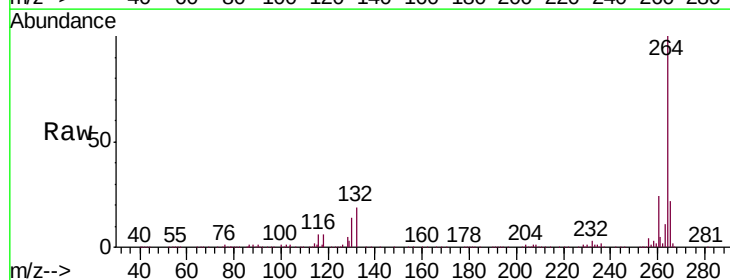
Tgt Ion:264 Resp: 406585

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 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

