

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109158.D
 Acq On : 19 Sep 2018 21:51
 Operator : JU/SJ
 Sample : J4931-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-S

Quant Time: Sep 20 04:52:20 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	131867	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	466500	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	195828	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	338835	20.00	ng	0.00
75) Chrysene-d12	13.85	240	327353	20.00	ng	0.00
86) Perylene-d12	15.26	264	294599	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	322422	40.61	ng	0.00
7) Phenol-d6	6.35	99	262001	25.59	ng	-0.01
23) Nitrobenzene-d5	7.28	82	731106	87.90	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	148910	70.07	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1267541	101.41	ng	0.00
78) Terphenyl-d14	12.81	244	1144145	82.84	ng	0.00

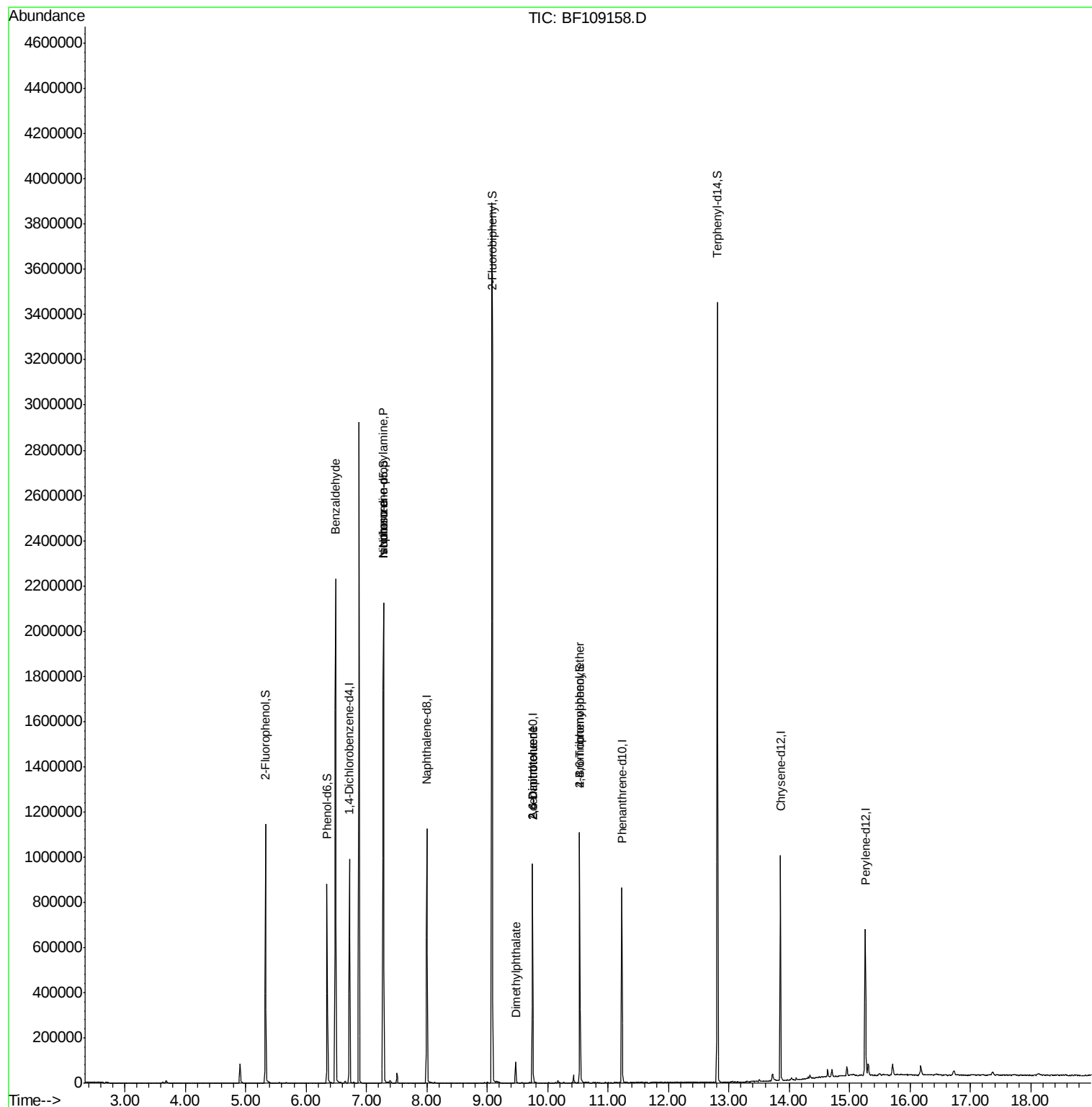
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	13102	2.004	ng	# 73
19) n-Nitroso-di-n-propylamine	7.28	70	98733	14.590	ng	# 76
25) Isophorone	7.28	82	726487	50.814	ng	# 64
49) Dimethylphthalate	9.47	163	41703	2.980	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	25265	8.140	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	25265	6.224	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	9288	2.431	ng	# 1

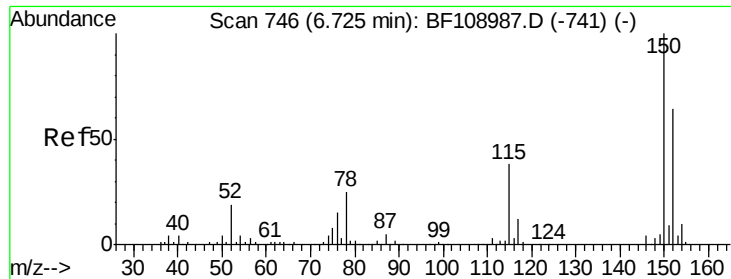
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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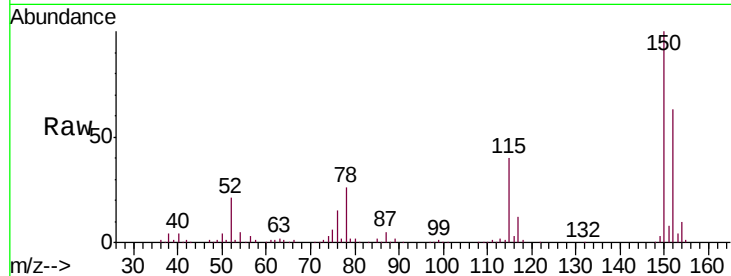




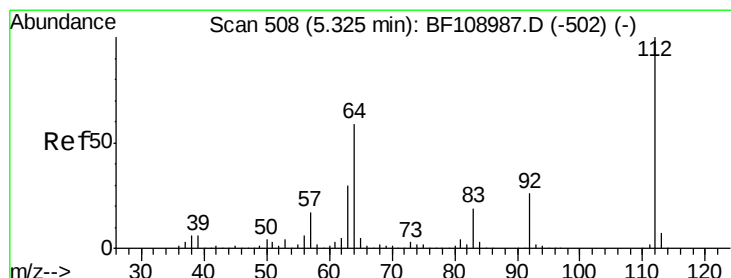
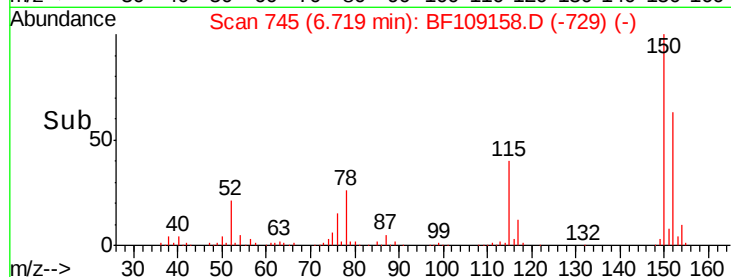
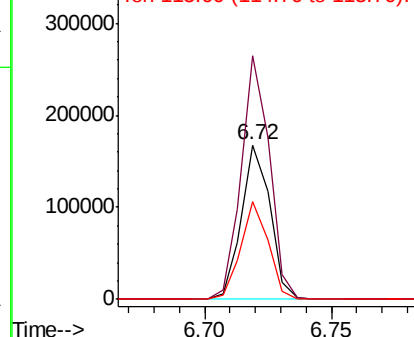
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-S

Tgt Ion:152 Resp: 131867
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 63.0 50.1 75.1

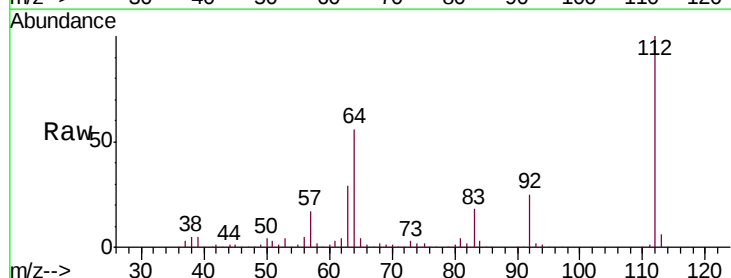


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

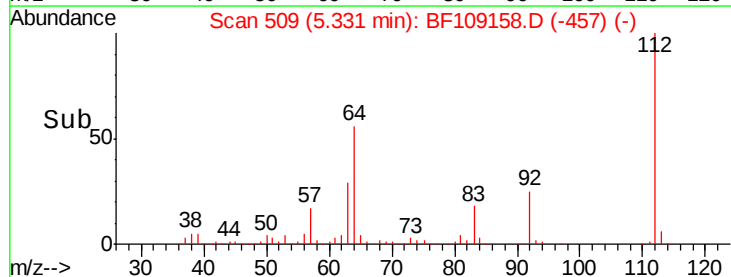
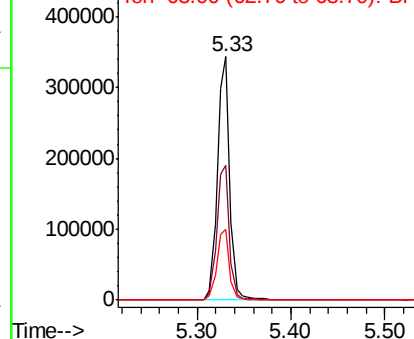


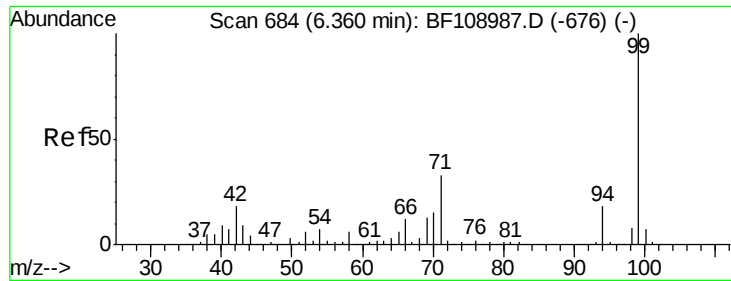
#5
 2-Fluorophenol
 Concen: 40.610 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Tgt Ion:112 Resp: 322422
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 29.0 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: 25.592 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109158.D

Acq: 19 Sep 2018 21:51

Instrument :

BNA_F

ClientSampleId :

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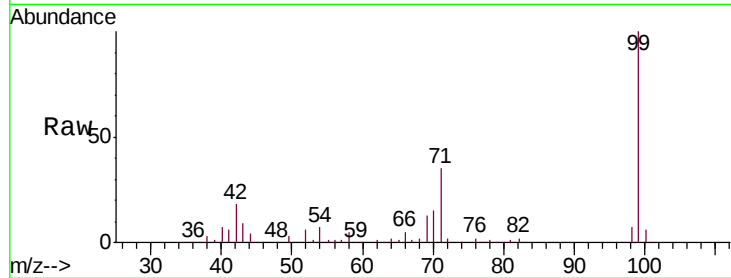
Tgt Ion: 99 Resp: 262001

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

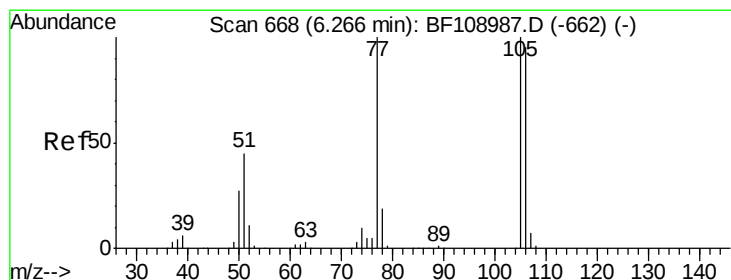
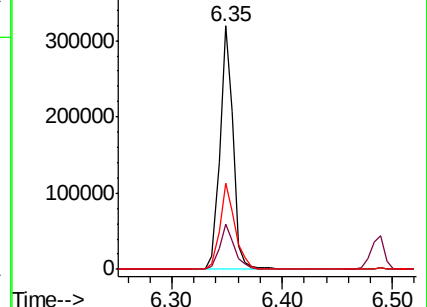
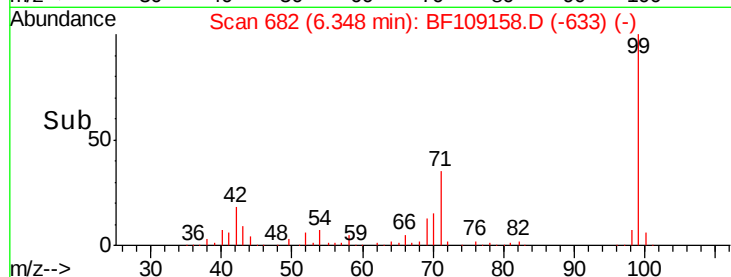
71 35.2 25.4 38.0



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: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109158.D

Acq: 19 Sep 2018 21:51

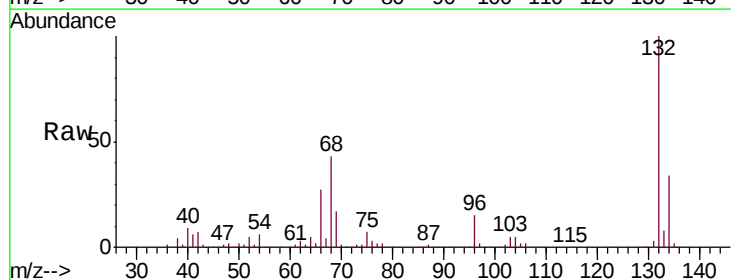
Tgt Ion: 77 Resp: 13102

Ion Ratio Lower Upper

77 100

105 76.7 81.1 121.1#

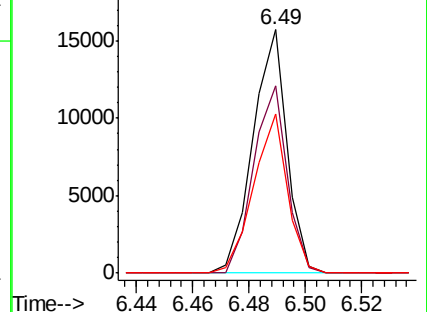
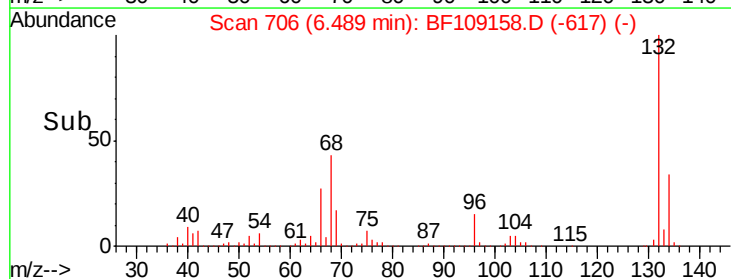
106 65.5 74.5 114.5#

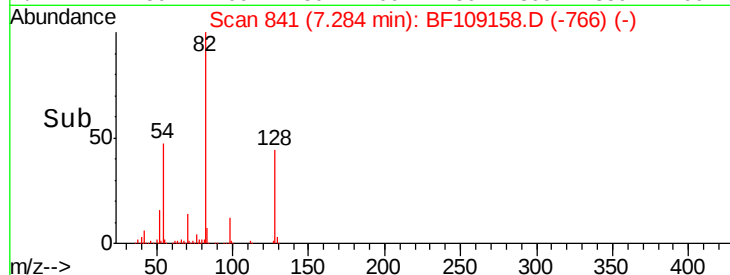
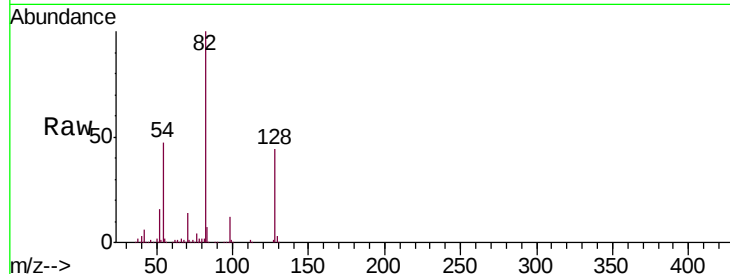
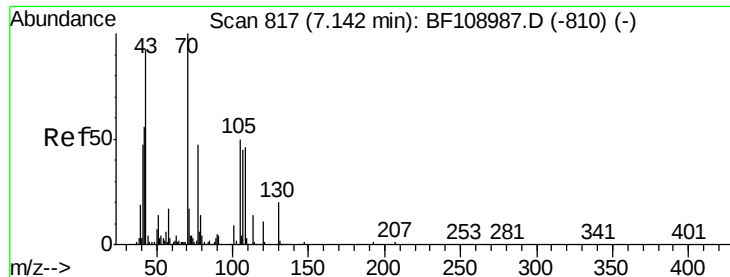


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

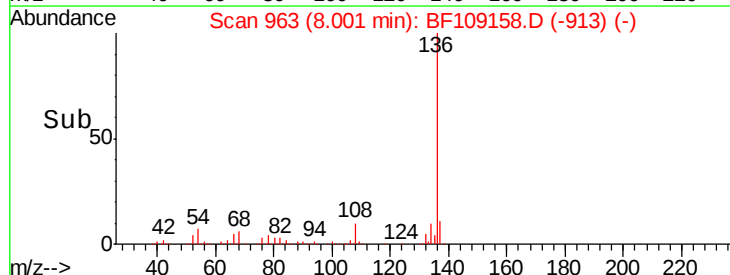
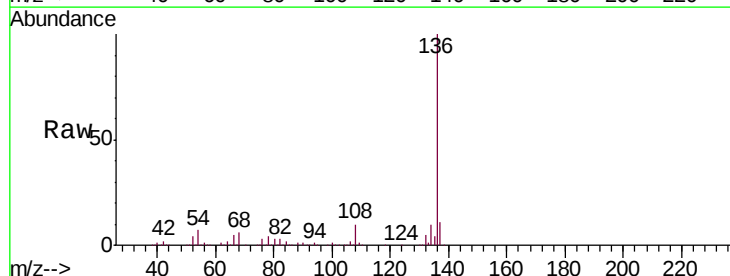
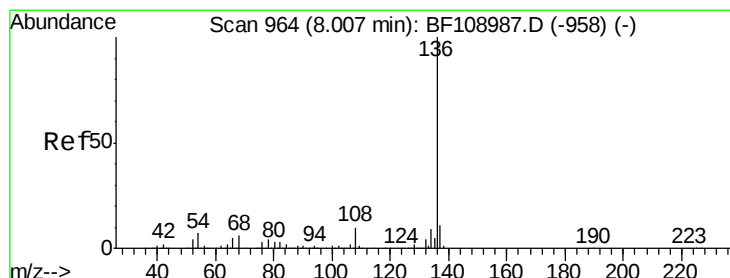
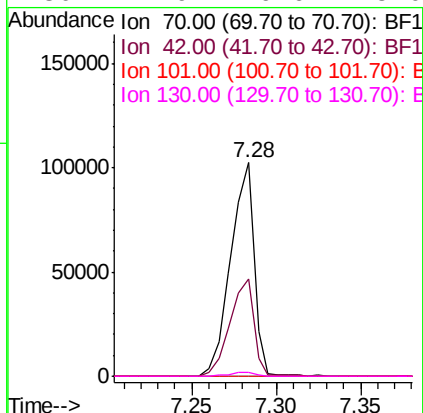




#19
n-Nitroso-di-n-propylamine
Concen: 14.590 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109158.D
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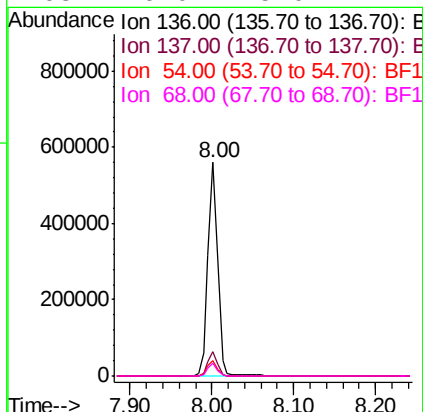
Instrument :
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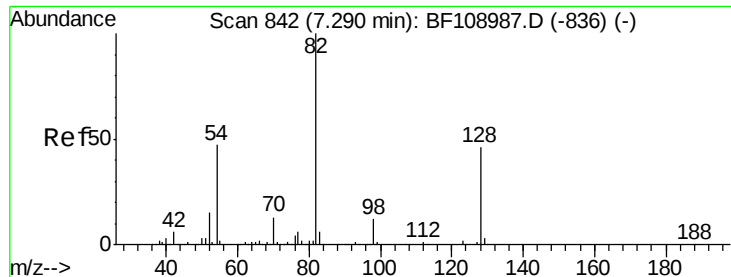
Tgt Ion:	70	Resp:	98733
Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Tgt Ion:	136	Resp:	466500
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4

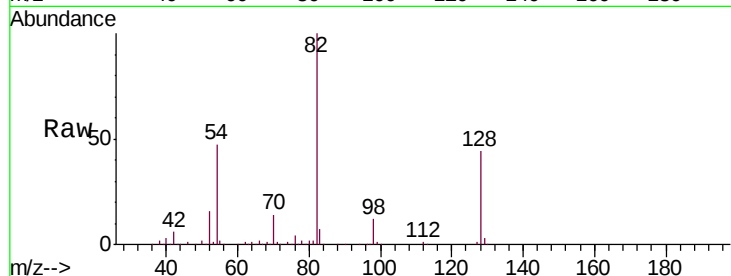




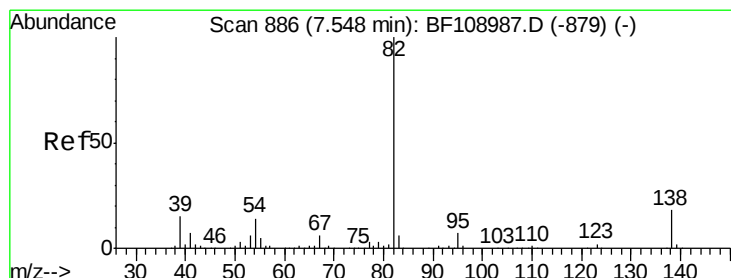
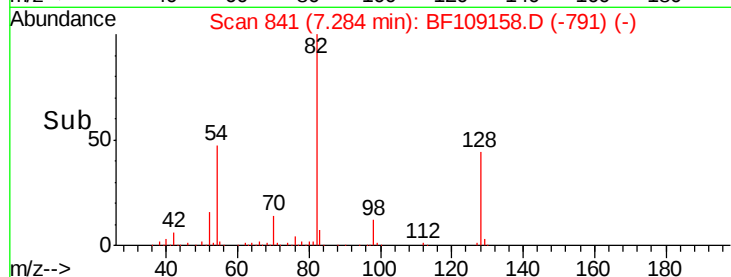
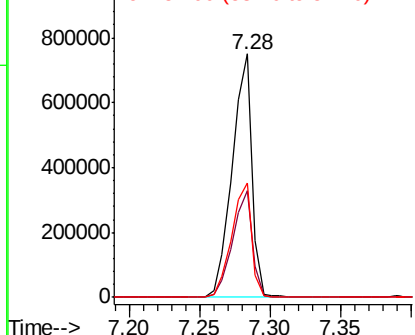
#23
Nitrobenzene-d5
Concen: 87.902 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	46.8	41.4	62.2

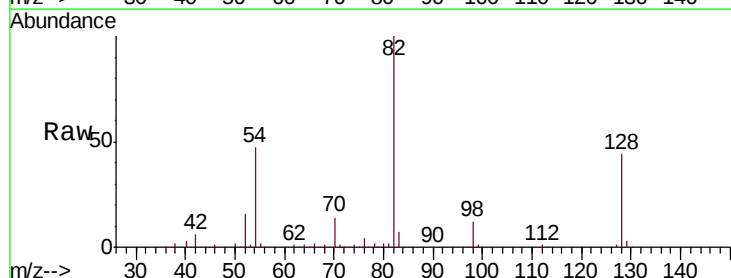


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

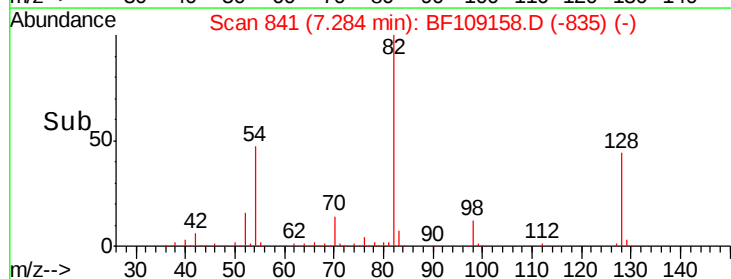
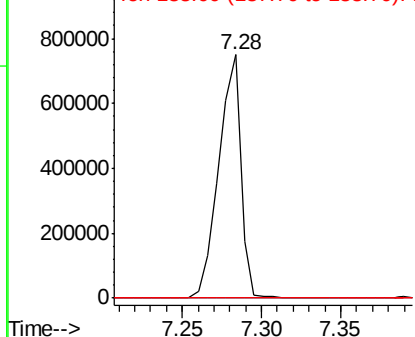


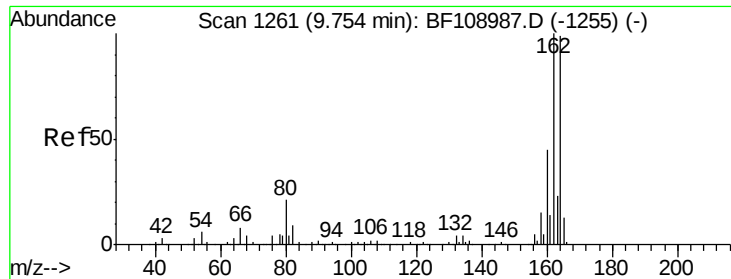
#25
Isophorone
Concen: 50.814 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Tgt 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

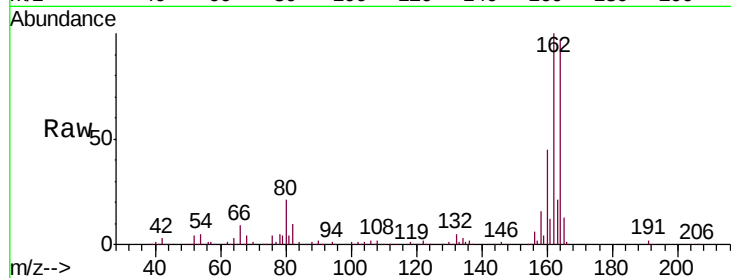




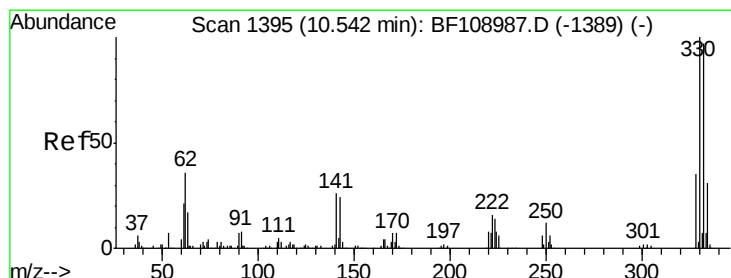
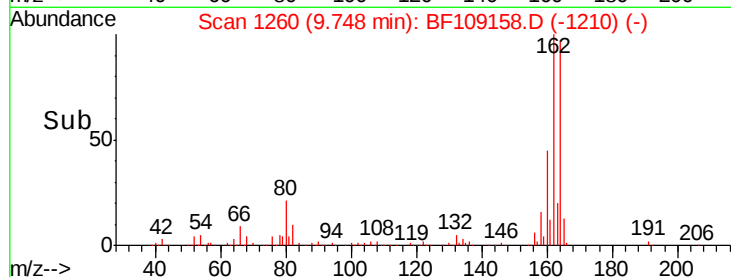
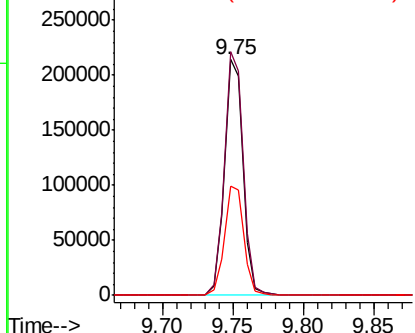
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Instrument :
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.2	38.3	57.5

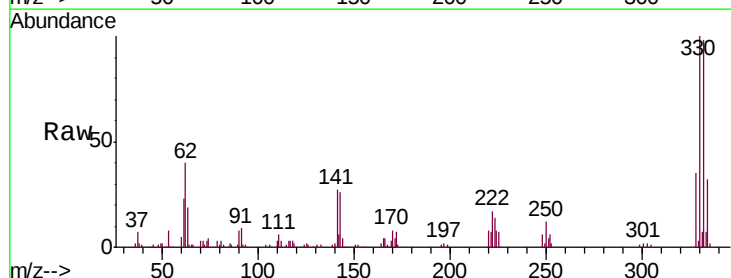


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

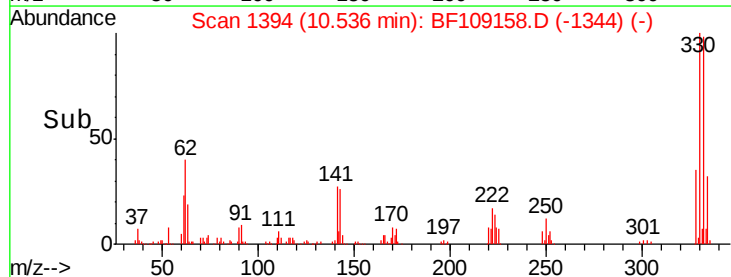
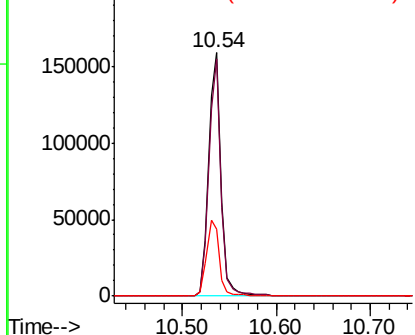


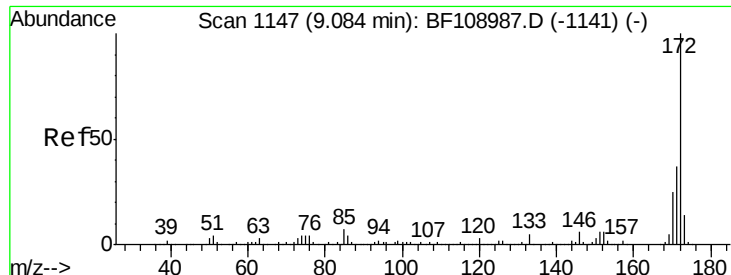
#41
 2,4,6-Tribromophenol
 Concen: 70.067 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.0	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

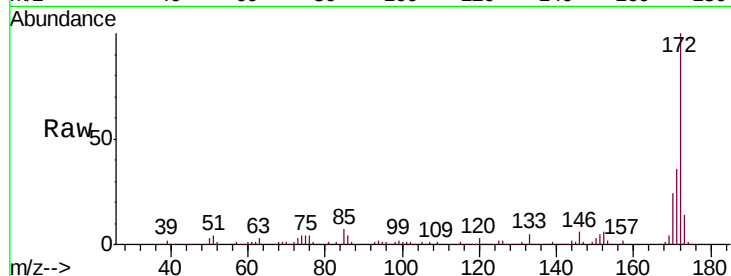




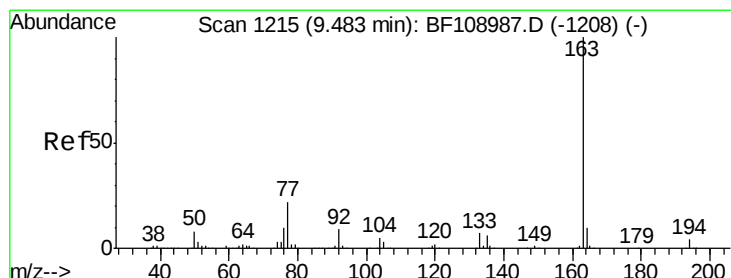
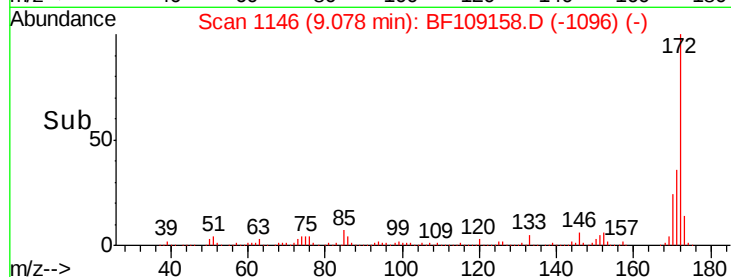
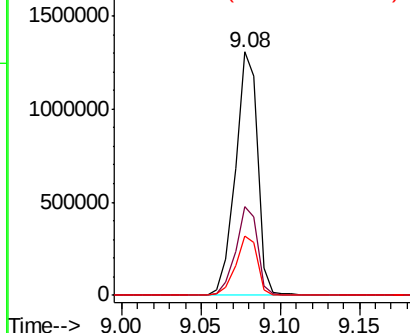
#44
 2-Fluorobiphenyl
 Concen: 101.410 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109158.D
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Tgt Ion:172 Resp: 1267541
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.3 19.6 29.4

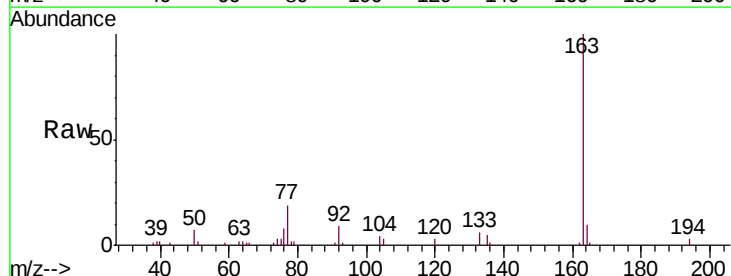


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

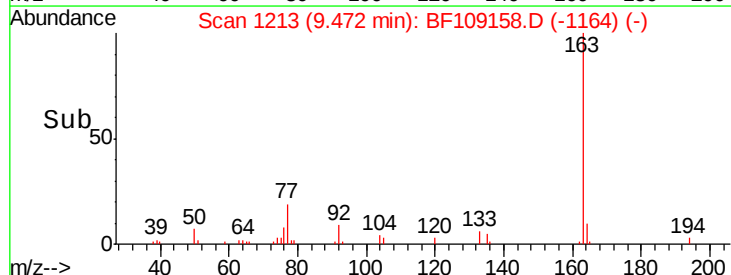
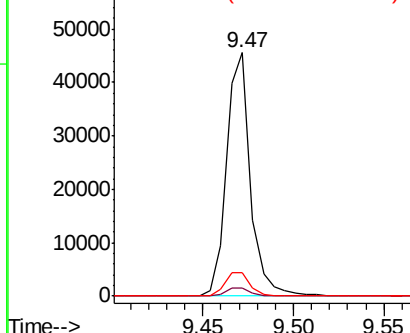


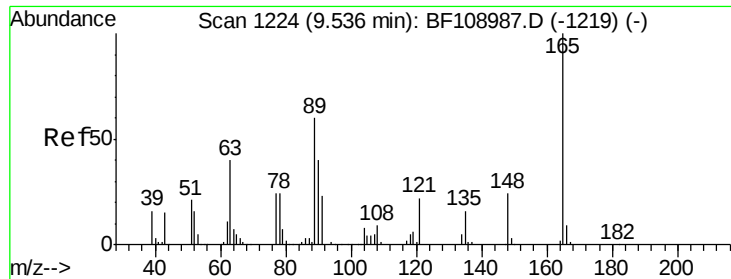
#49
 Dimethylphthalate
 Concen: 2.980 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Tgt Ion:163 Resp: 41703
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 9.5 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

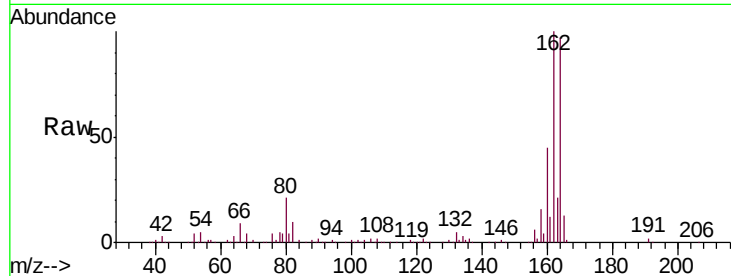




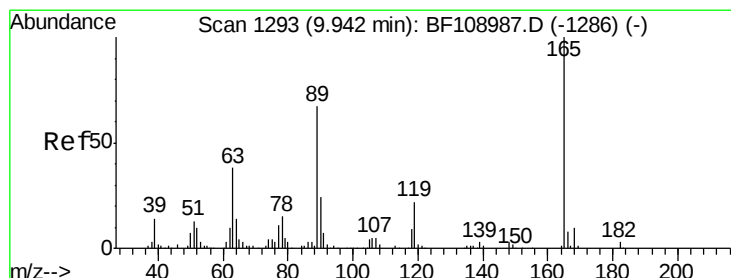
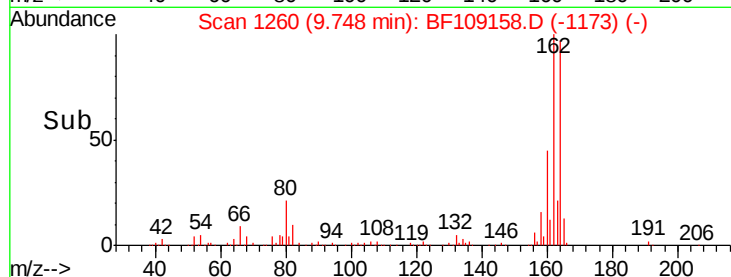
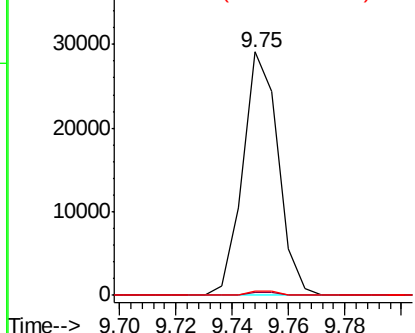
#50
 2,6-Dinitrotoluene
 Concen: 8.140 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#

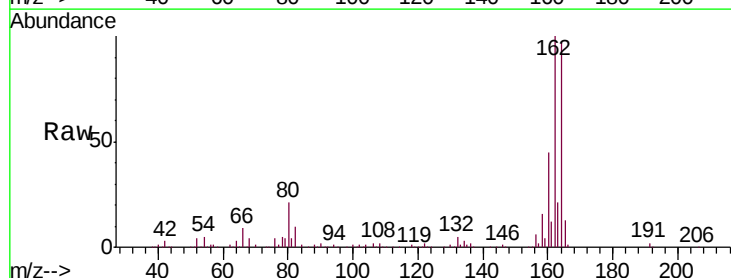


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

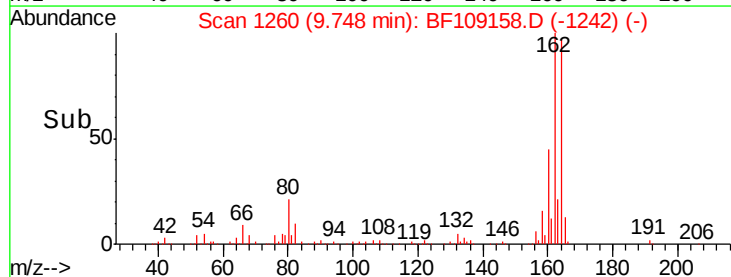
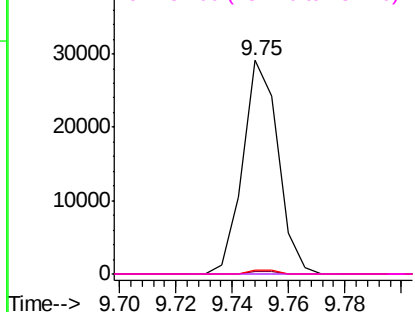


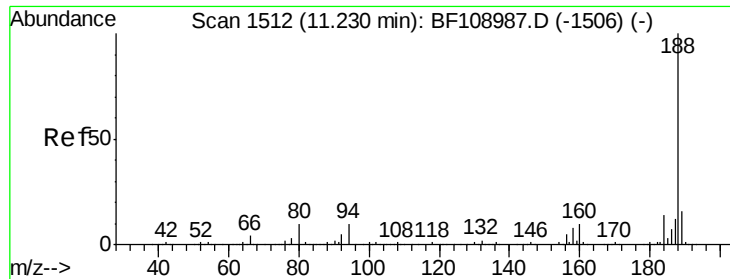
#56
 2,4-Dinitrotoluene
 Concen: 6.224 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109158.D
 Acq: 19 Sep 2018 21:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	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

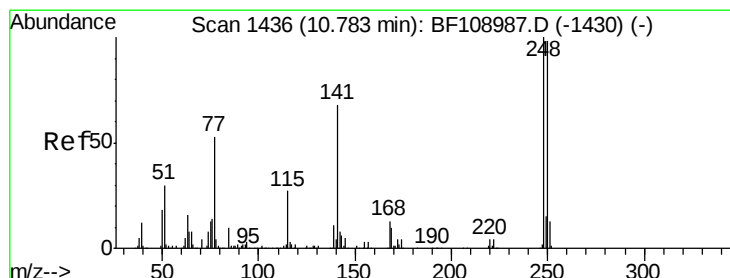
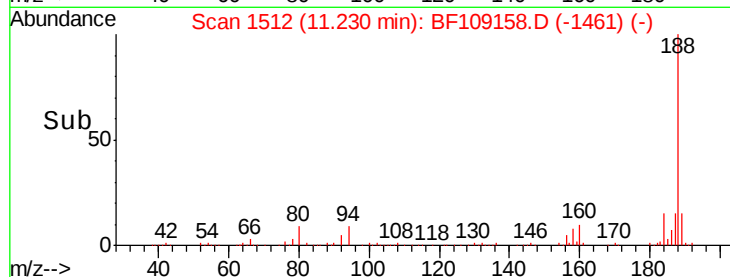
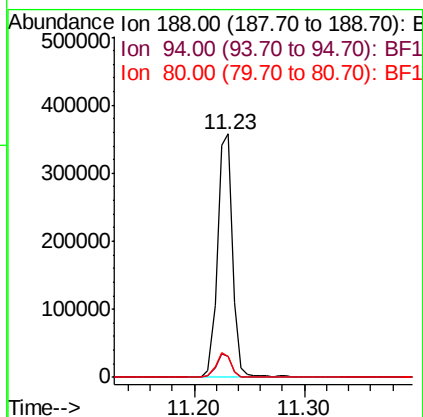
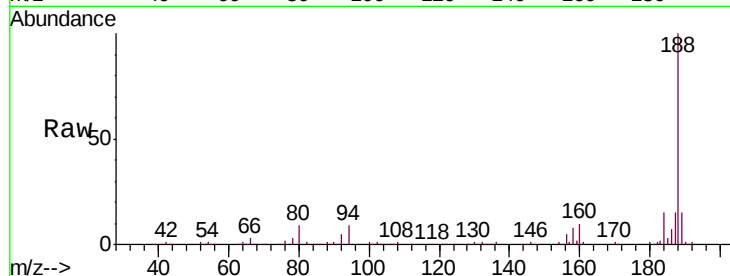




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

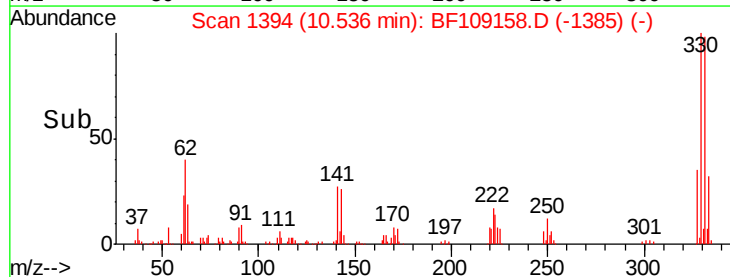
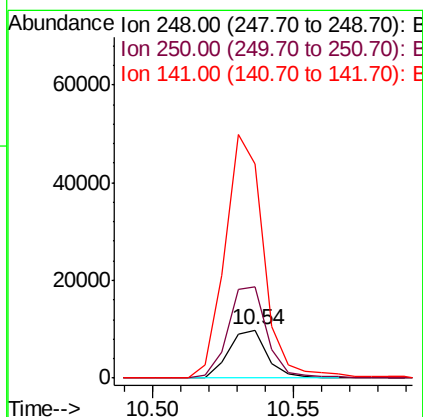
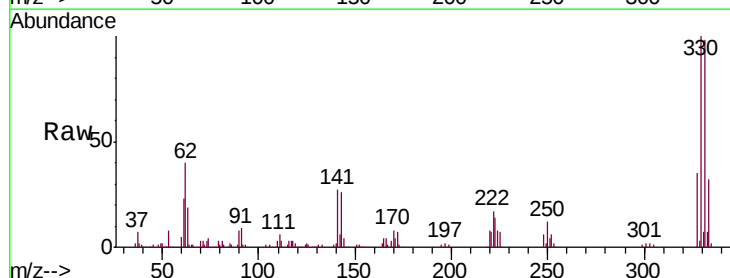
Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-S

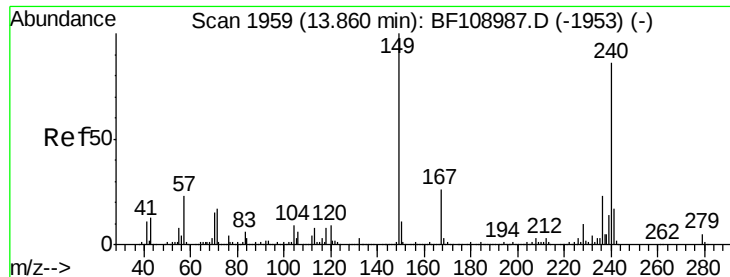
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	338835		
94	8.6		8.5	12.7
80	8.7		9.2	13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.431 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	9288		
250	188.7		76.9	115.3#
141	441.4		74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109158.D

Acq: 19 Sep 2018 21:51

Instrument :

BNA_F

ClientSampleId :

091418-JETT-E-D-S

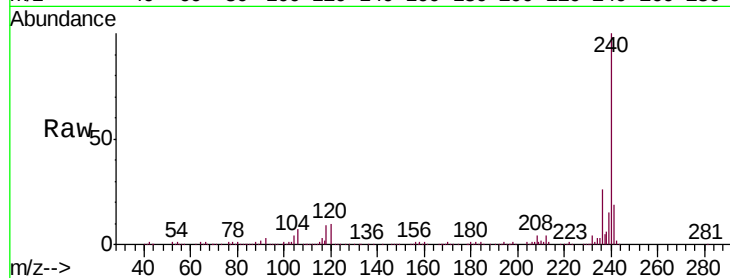
Tgt Ion:240 Resp: 327353

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

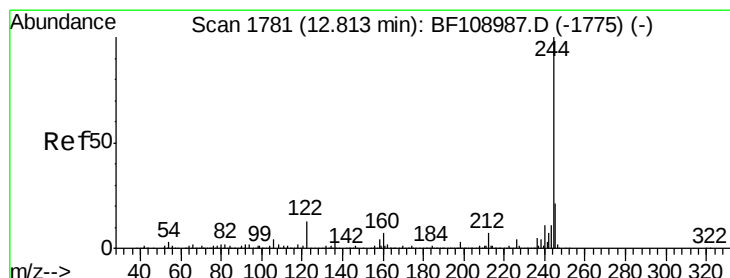
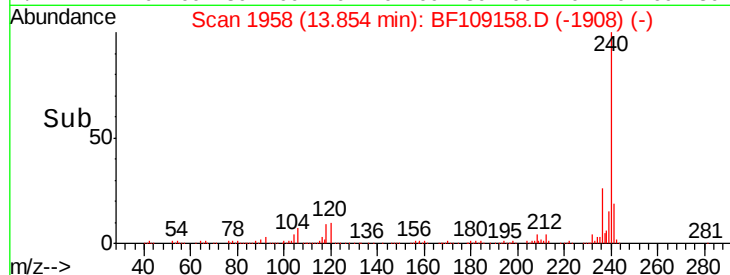
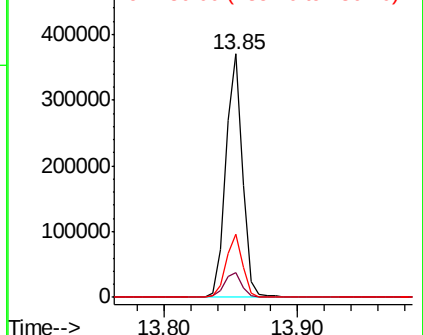
236 25.9 20.7 31.1



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: 82.844 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109158.D

Acq: 19 Sep 2018 21:51

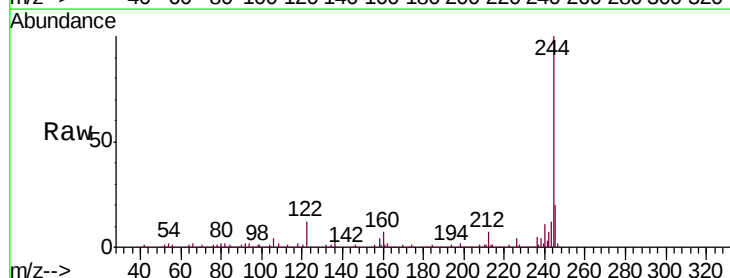
Tgt Ion:244 Resp: 1144145

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

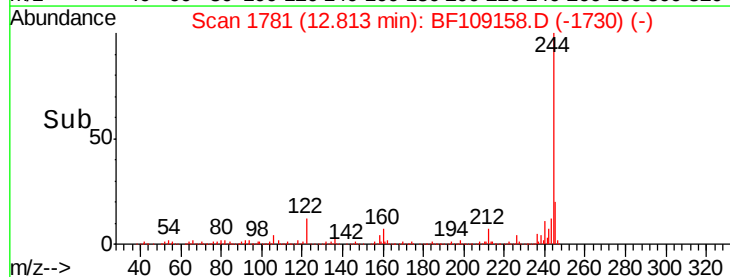
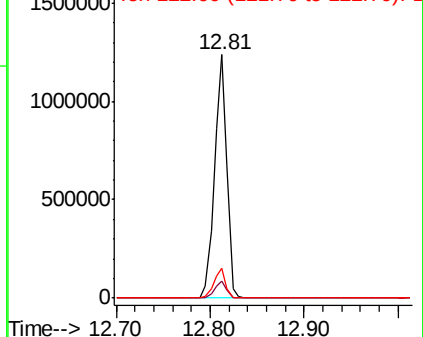
122 12.0 11.0 16.4

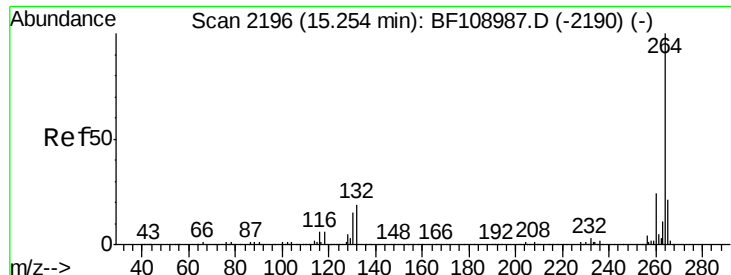


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

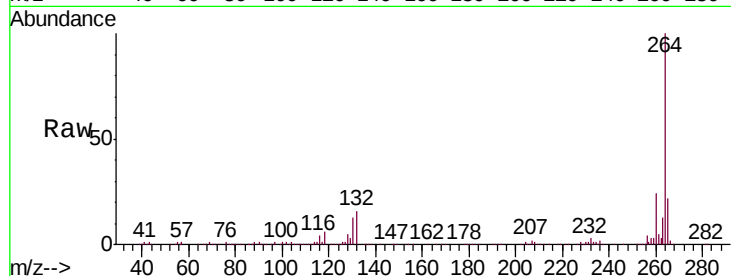




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109158.D
Acq: 19 Sep 2018 21:51

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	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

