

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109455.D
 Acq On : 29 Sep 2018 3:21
 Operator : JU/SJ
 Sample : J5133-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-D-S

Quant Time: Oct 01 03:08:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	116548	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	435528	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	204691	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	382836	20.00	ng	0.00
75) Chrysene-d12	13.84	240	221522	20.00	ng	0.00
86) Perylene-d12	15.24	264	225468	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	254772	36.00	ng	0.00
7) Phenol-d6	6.34	99	200348	22.19	ng	-0.02
23) Nitrobenzene-d5	7.27	82	702681	95.24	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	178606	88.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1211607	89.27	ng	0.00
78) Terphenyl-d14	12.80	244	1073840	118.97	ng	0.00

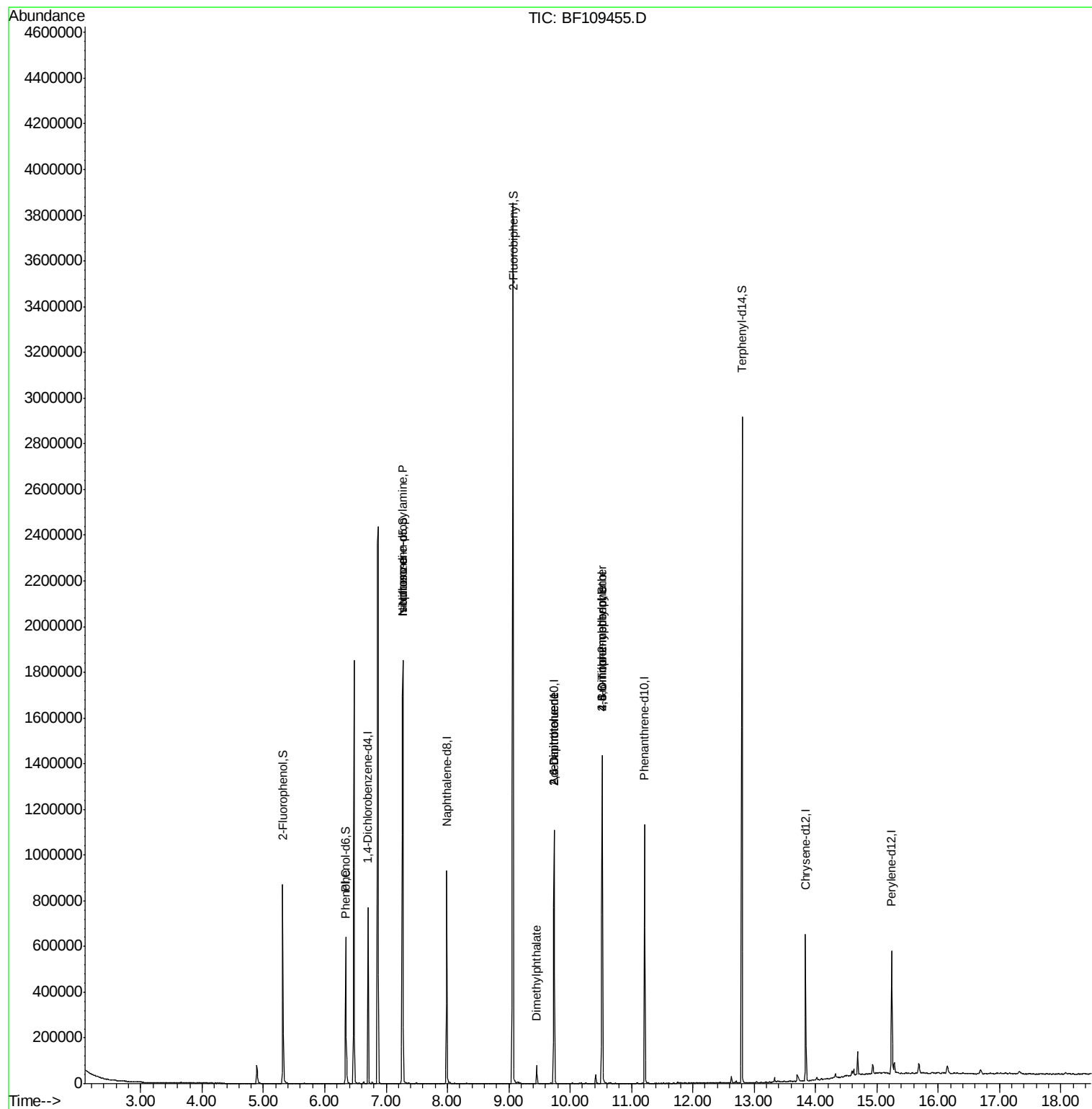
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.35	94	24296	2.376	ng	88
19) n-Nitroso-di-n-propylamine	7.27	70	95936	16.215	ng	# 76
25) Isophorone	7.27	82	676160	50.894	ng	# 64
49) Dimethylphthalate	9.46	163	33570	2.255	ng	99
50) 2,6-Dinitrotoluene	9.74	165	25995	8.816	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	25995	6.968	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	284	6.680	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11102	2.611	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: 6.70 min Scan# 785

Delta R.T. -0.01 min

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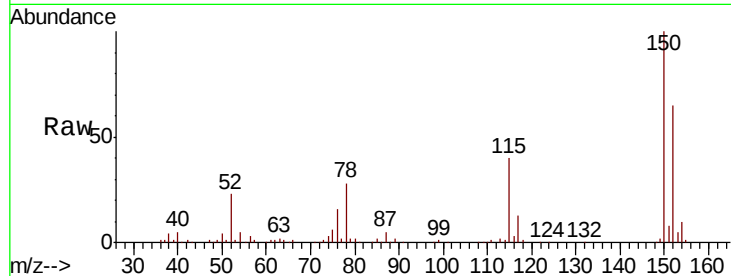
Tgt Ion:152 Resp: 116548

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

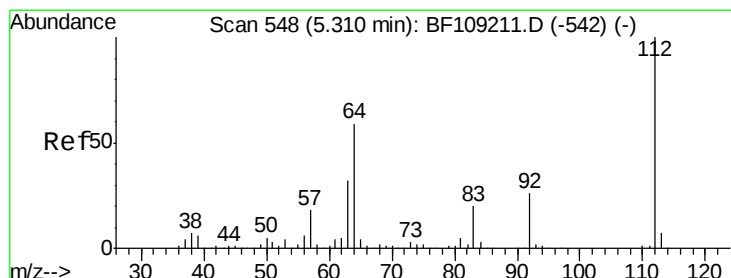
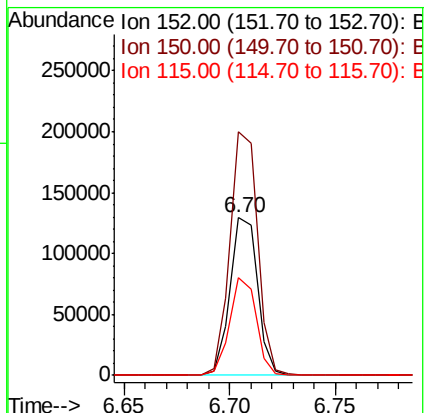
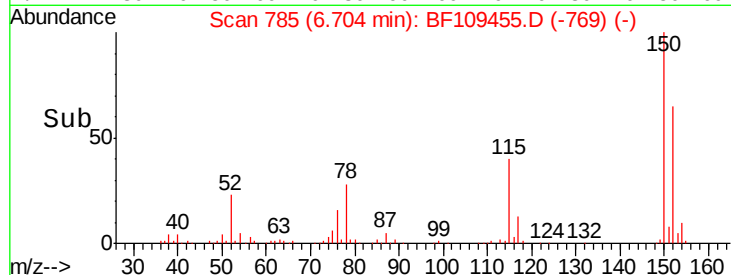
115 62.3 50.1 75.1



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: 36.005 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109455.D

Acq: 29 Sep 2018 3:21

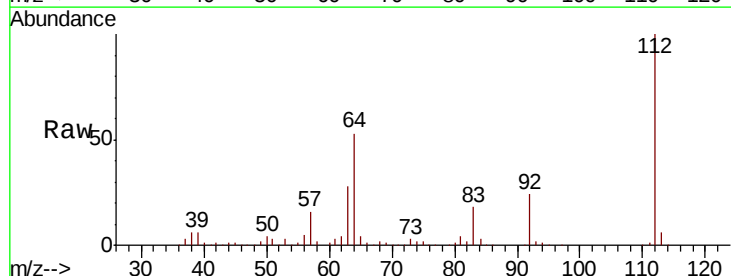
Tgt Ion:112 Resp: 254772

Ion Ratio Lower Upper

112 100

64 52.8 47.9 71.9

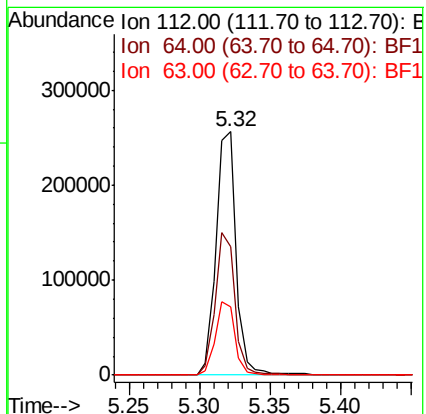
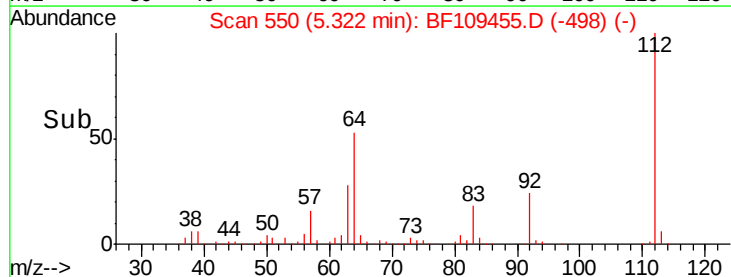
63 27.9 23.7 35.5

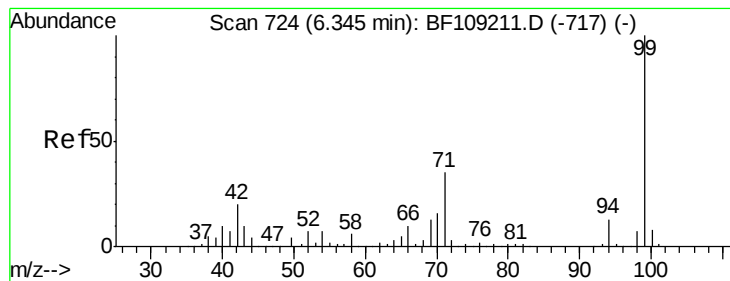


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.189 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109455.D

Acq: 29 Sep 2018 3:21

Instrument :

BNA_F

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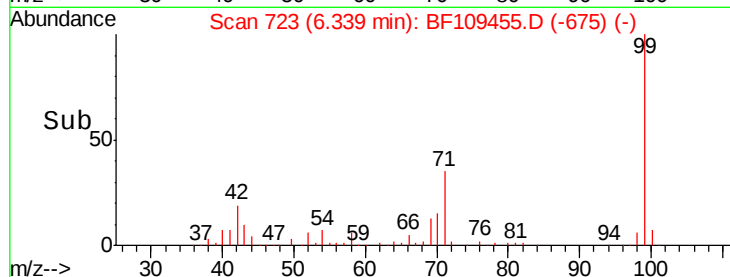
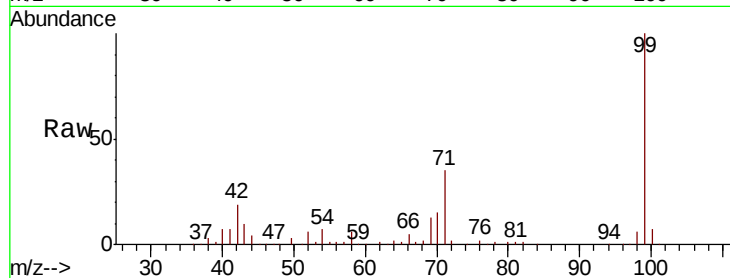
Tgt Ion: 99 Resp: 200348

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

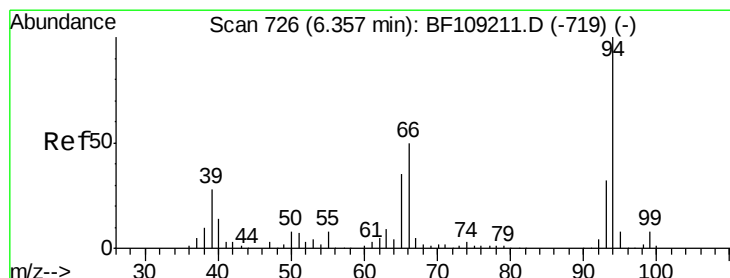
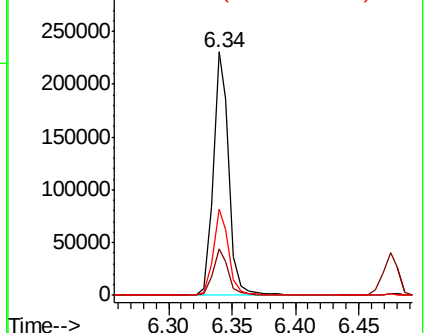
71 35.3 25.4 38.0



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



#10

Phenol

Concen: 2.376 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109455.D

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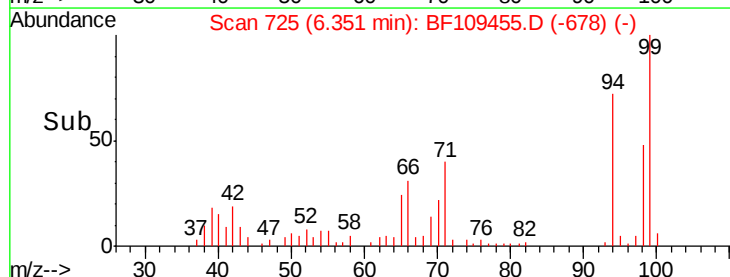
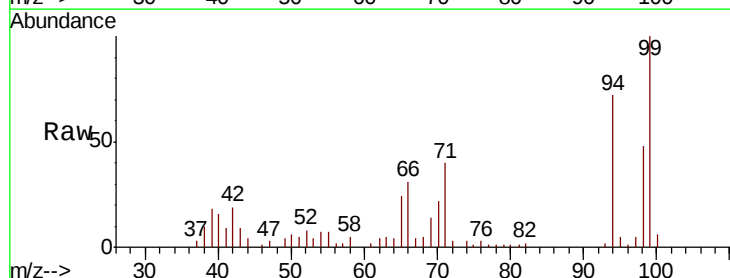
Tgt Ion: 94 Resp: 24296

Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

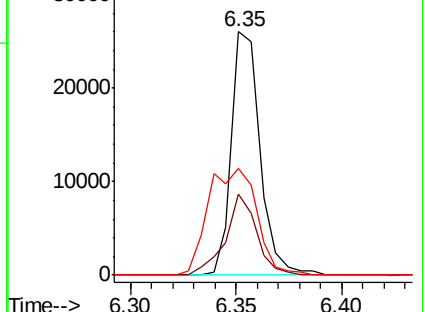
66 43.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

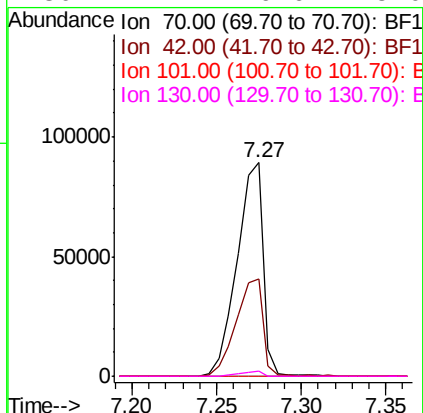
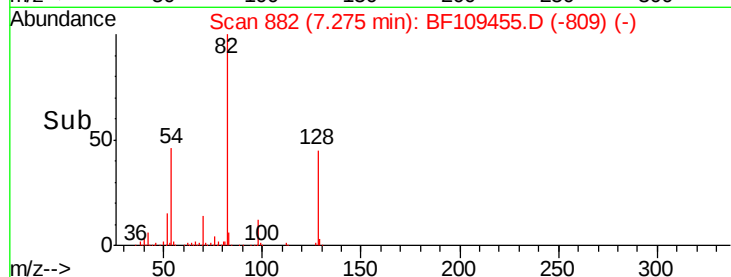
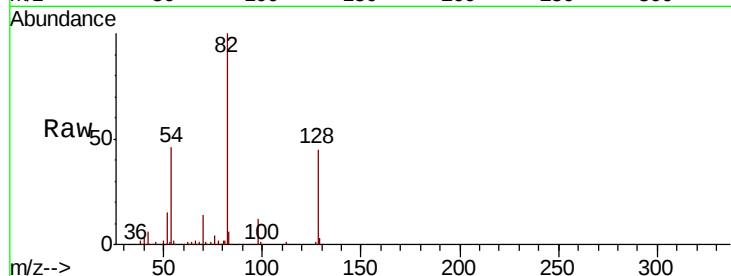




#19
n-Nitroso-di-n-propylamine
Concen: 16.215 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.13 min
Lab File: BF109455.D
Acq: 29 Sep 2018 3:21

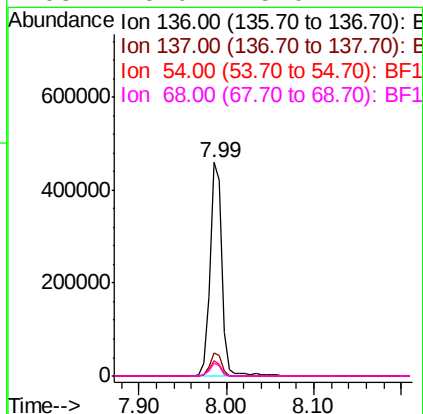
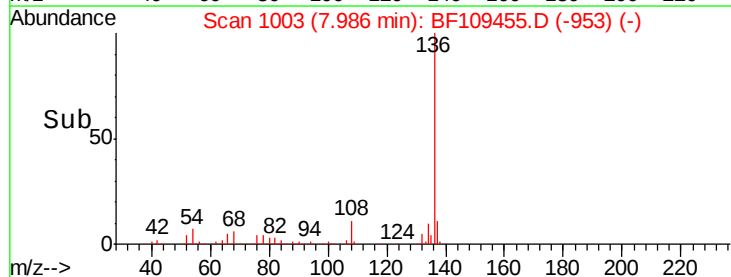
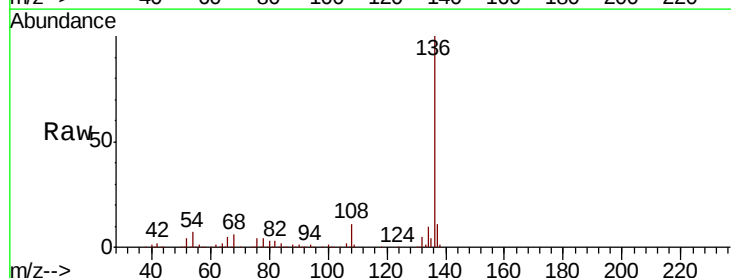
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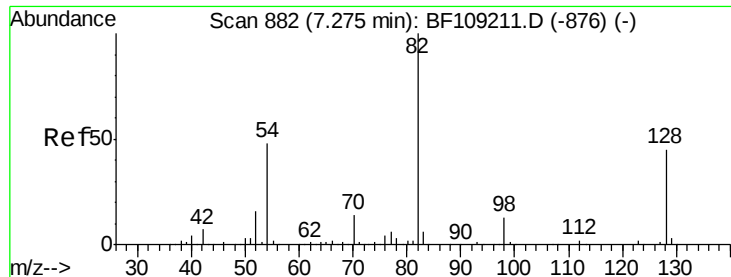
Tgt Ion: 70 Resp: 95936
Ion Ratio Lower Upper
70 100
42 45.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109455.D
Acq: 29 Sep 2018 3:21

Tgt Ion: 136 Resp: 435528
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.6 9.8
68 6.0 5.0 7.4

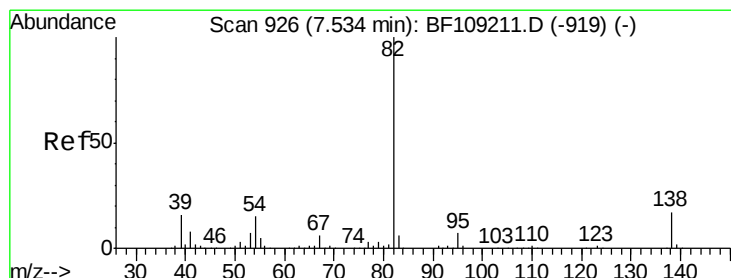
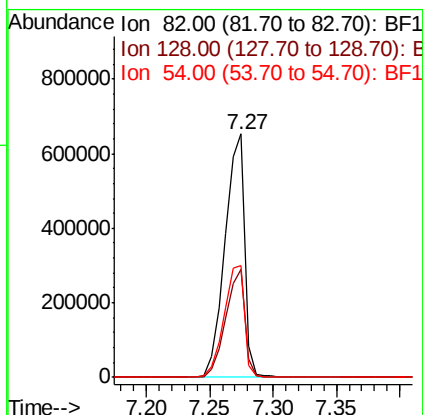
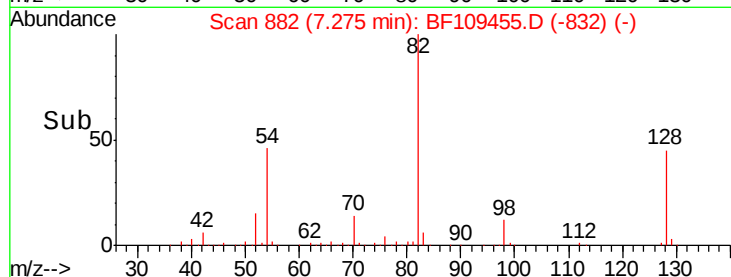
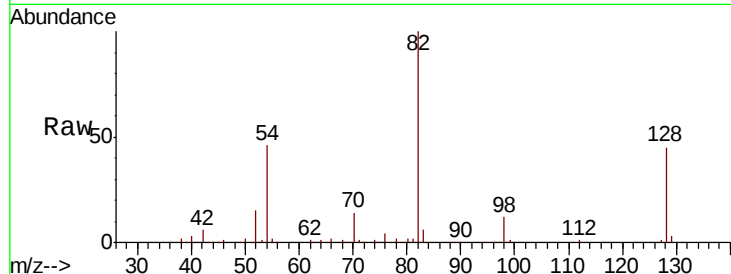




#23
 Nitrobenzene-d5
 Concen: 95.241 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109455.D
 Acq: 29 Sep 2018 3:21

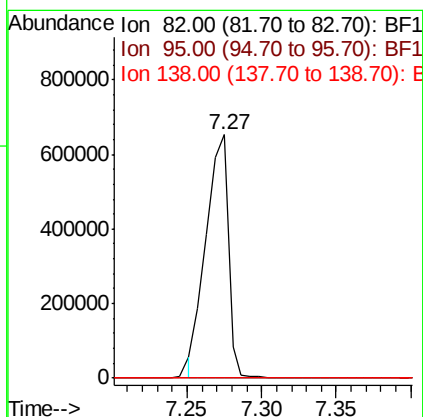
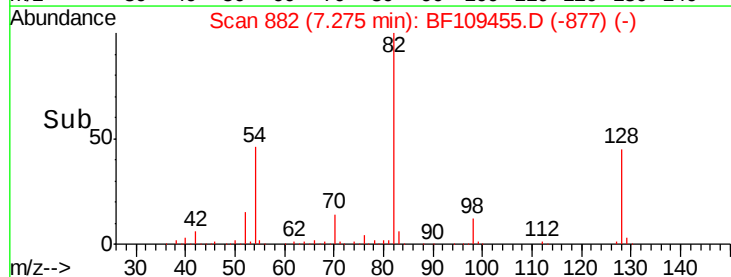
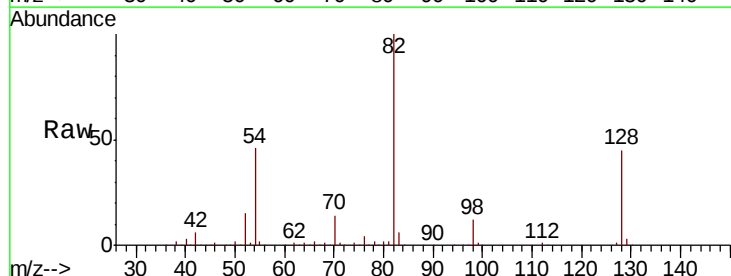
Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-D-S

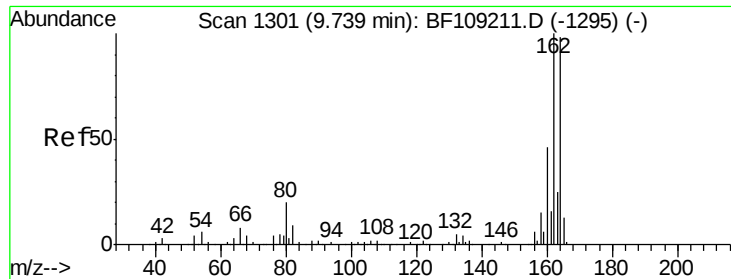
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	45.9	41.4	62.2



#25
 Isophorone
 Concen: 50.894 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.27 min
 Lab File: BF109455.D
 Acq: 29 Sep 2018 3:21

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

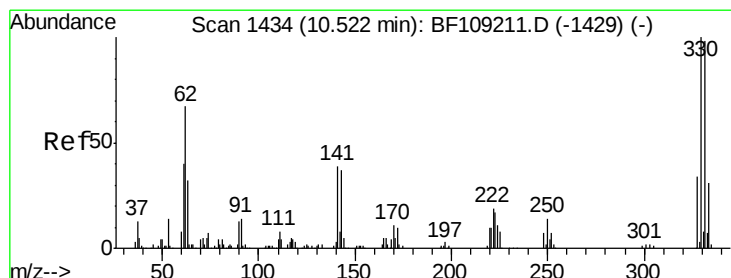
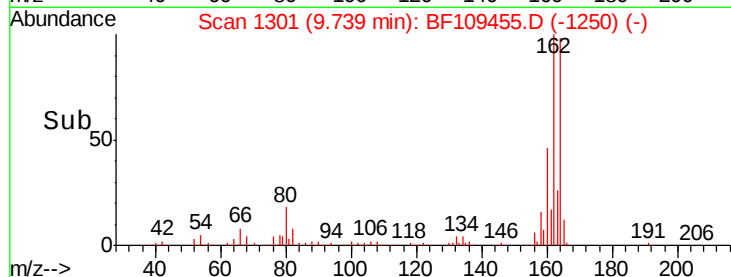
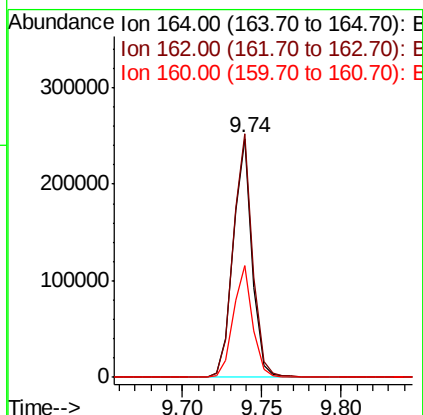
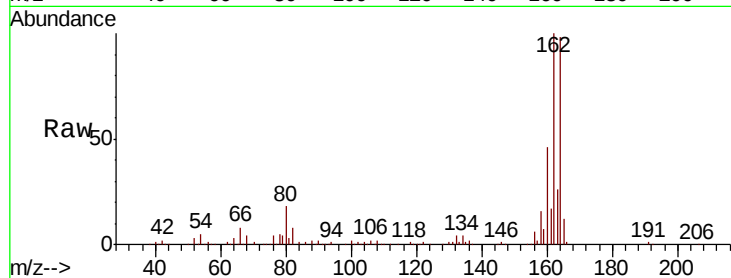




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109455.D
 Acq: 29 Sep 2018 3:21

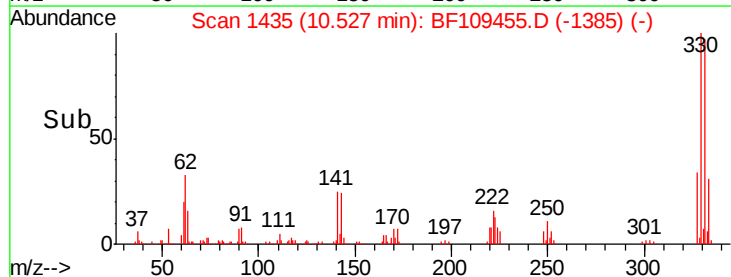
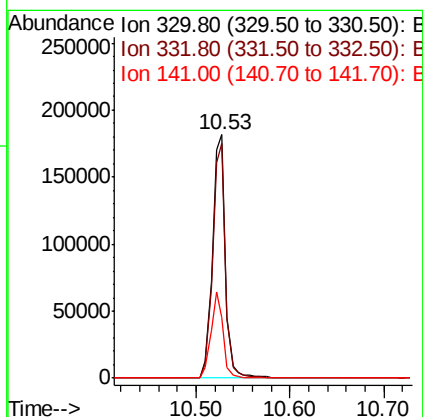
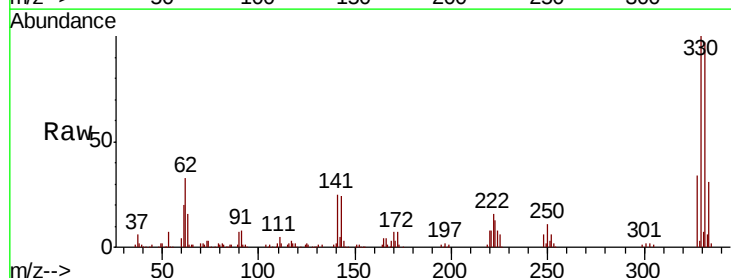
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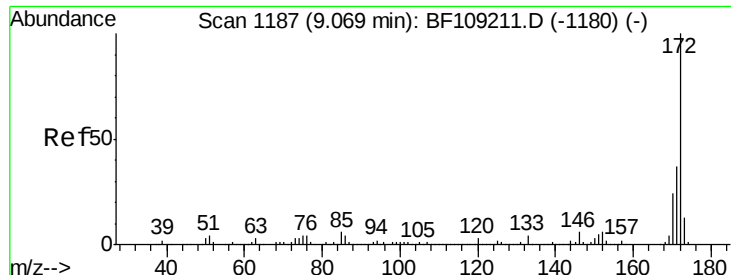
Tgt Ion:164 Resp: 204691
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 46.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 88.514 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109455.D
 Acq: 29 Sep 2018 3:21

Tgt Ion:330 Resp: 178606
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 33.0 29.9 44.9

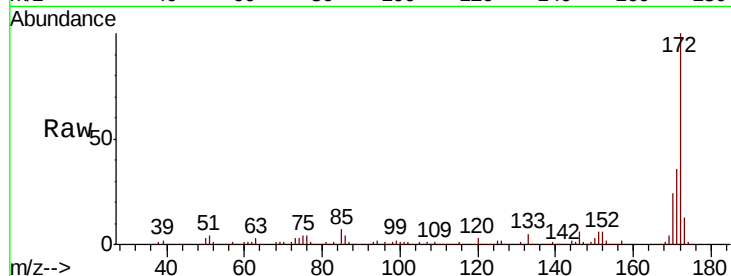




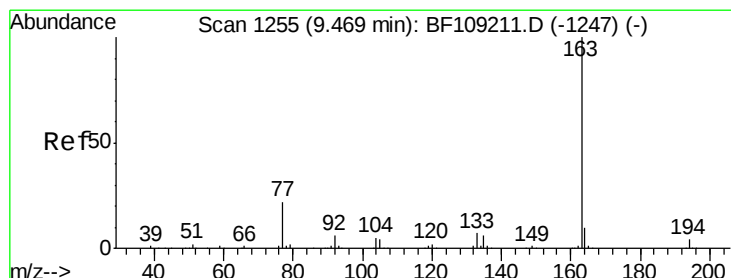
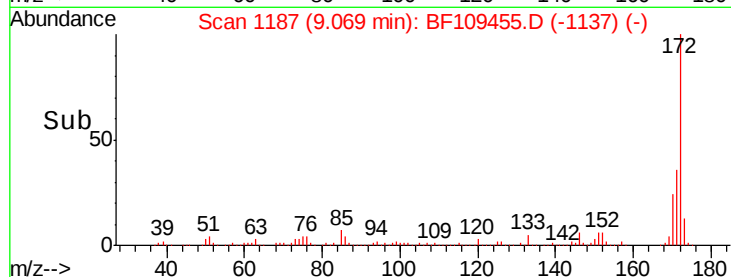
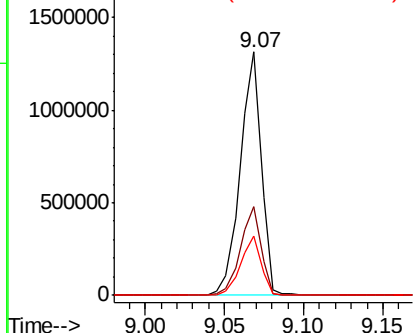
#44
2-Fluorobiphenyl
Concen: 89.273 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109455.D
Acq: 29 Sep 2018 3:21

Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-D-S

Tgt Ion:172 Resp: 1211607
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.4 19.6 29.4

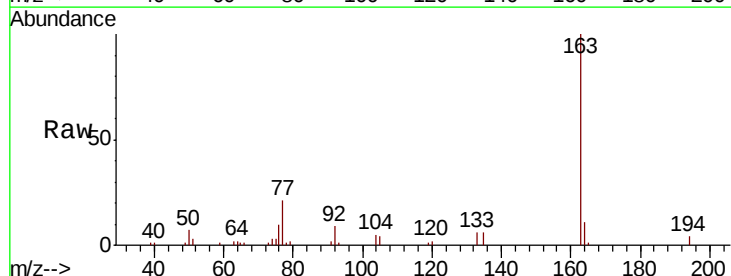


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

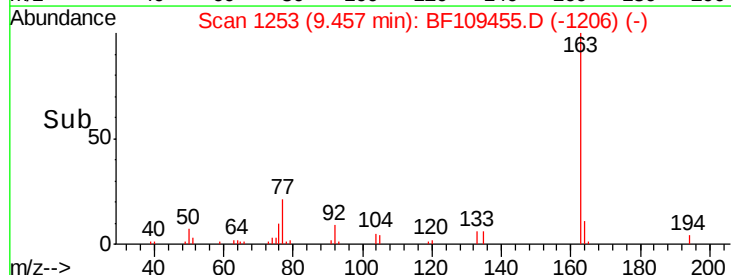
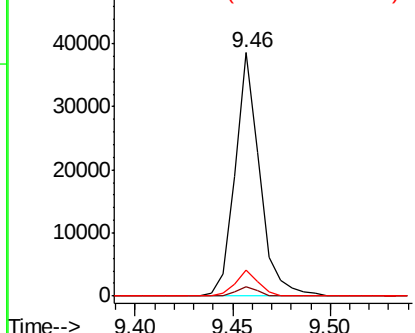


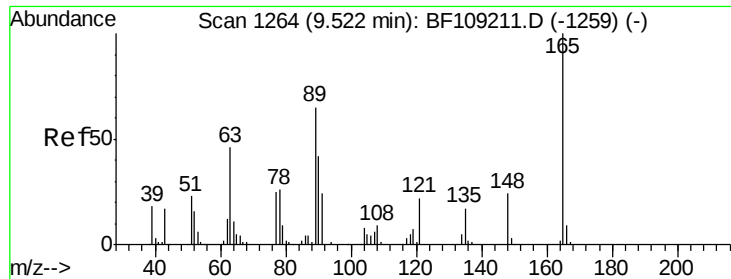
#49
Dimethylphthalate
Concen: 2.255 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109455.D
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Tgt Ion:163 Resp: 33570
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.6 8.2 12.2



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

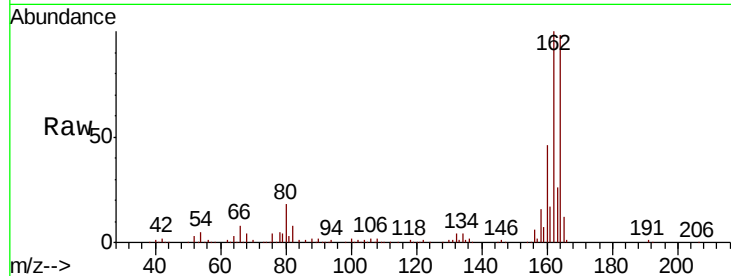




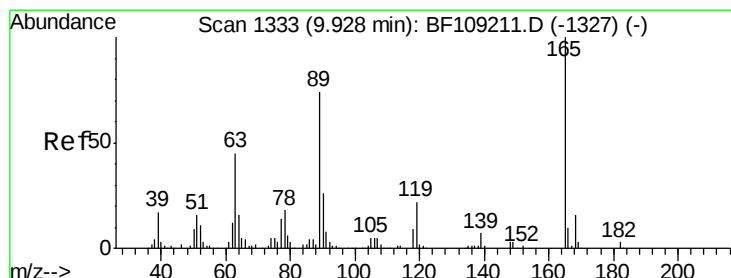
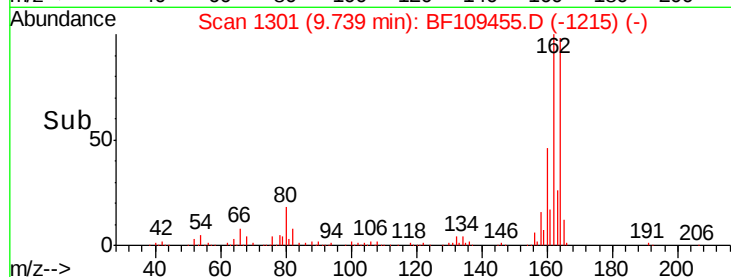
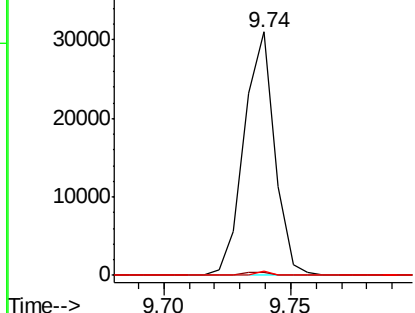
#50
 2,6-Dinitrotoluene
 Concen: 8.816 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109455.D
 Acq: 29 Sep 2018 3:21

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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.7	44.0	66.0#



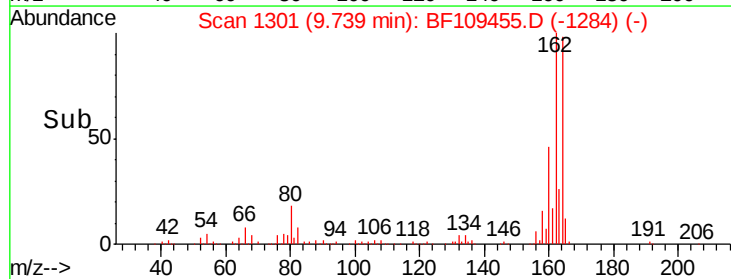
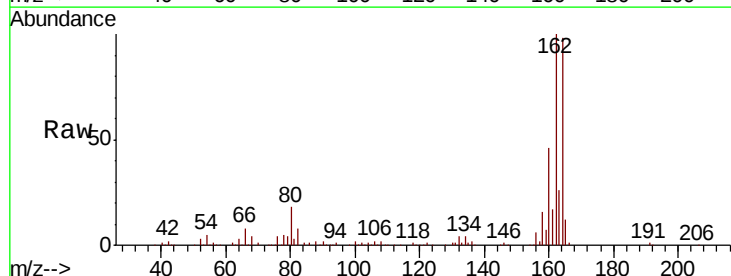
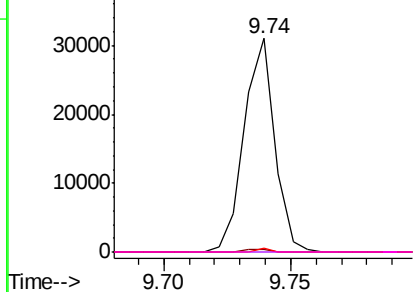
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

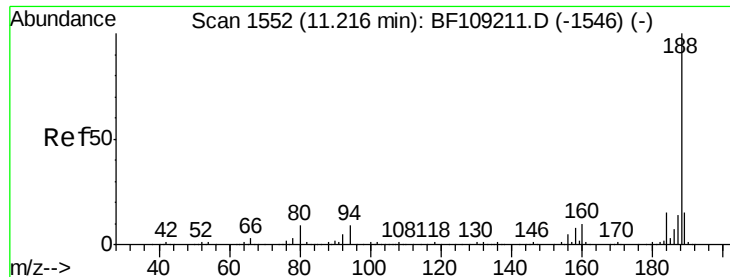


#56
 2,4-Dinitrotoluene
 Concen: 6.968 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109455.D
 Acq: 29 Sep 2018 3:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	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

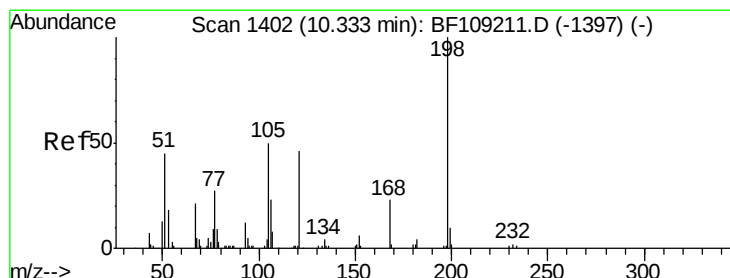
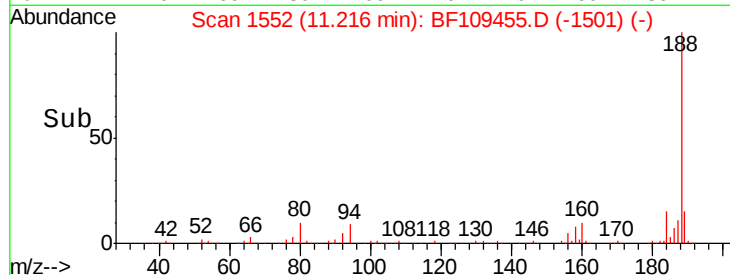
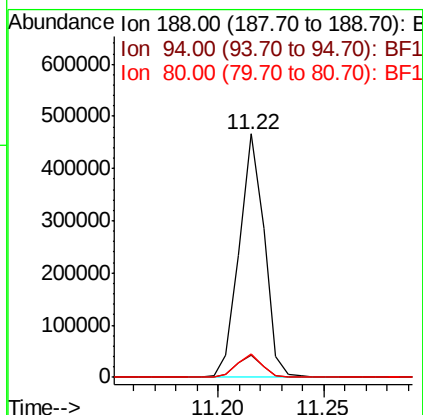
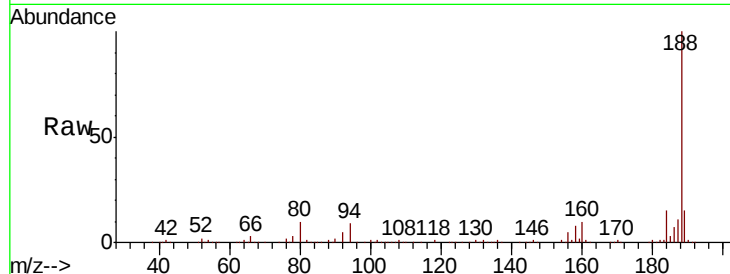




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109455.D
 Acq: 29 Sep 2018 3:21

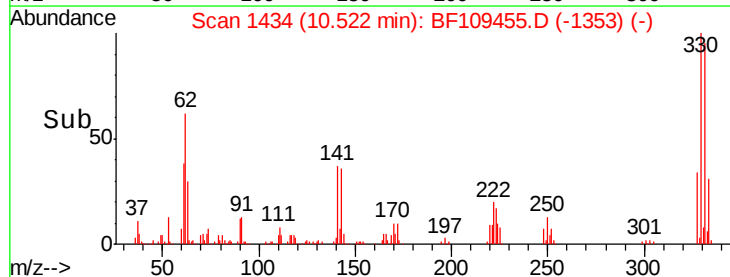
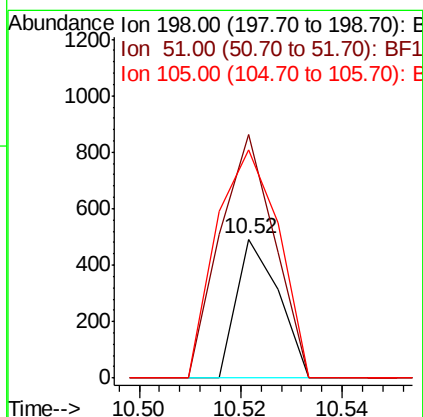
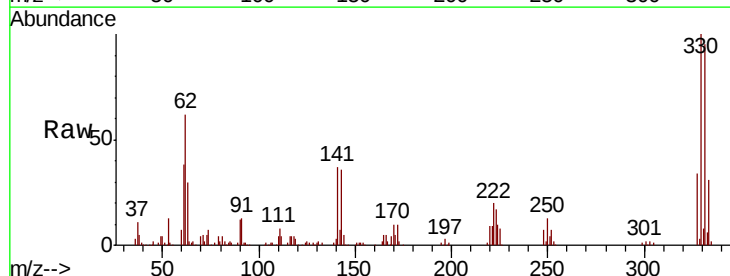
Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-D-S

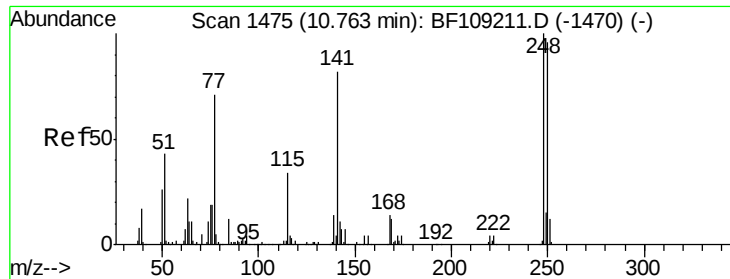
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	382836		
94	9.2		8.5	12.7
80	9.7		9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.680 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109455.D
 Acq: 29 Sep 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	284		
51	174.8		37.7	77.7#
105	163.7		36.3	76.3#

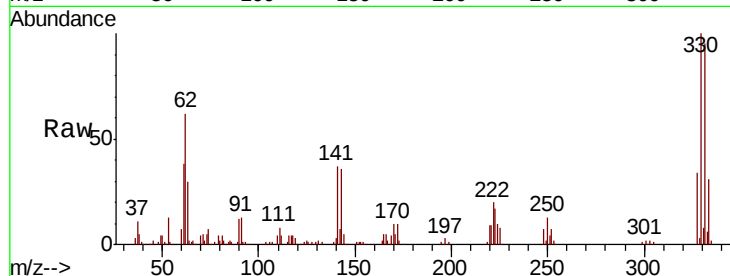




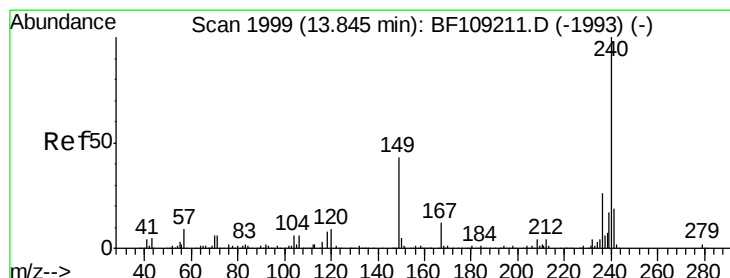
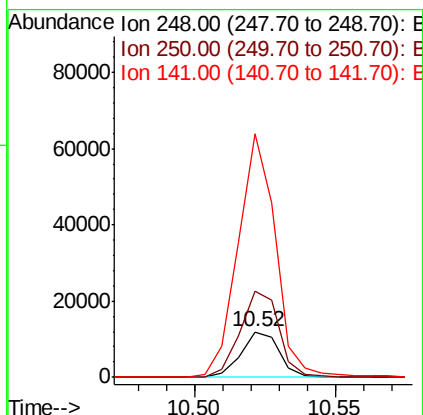
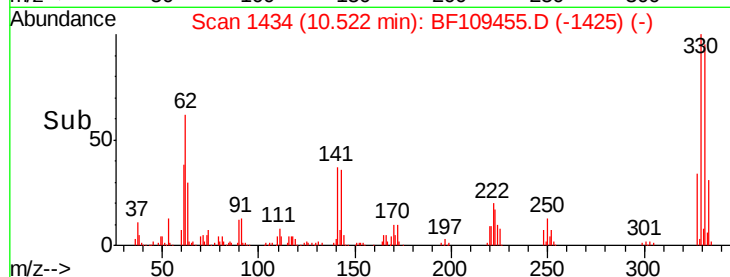
#66
4-Bromophenyl-phenylether
Concen: 2.611 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109455.D
Acq: 29 Sep 2018 3:21

Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-D-S

Tgt Ion:248 Resp: 11102
Ion Ratio Lower Upper
248 100
250 187.9 76.9 115.3#
141 533.4 74.4 111.6#

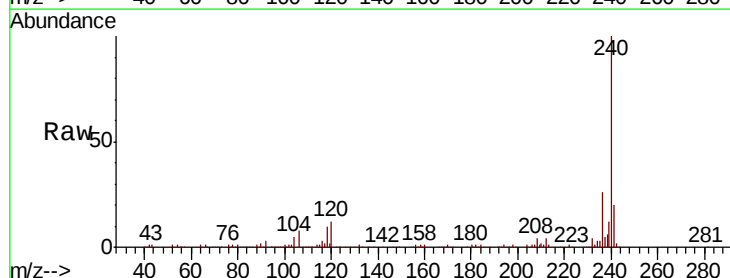


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

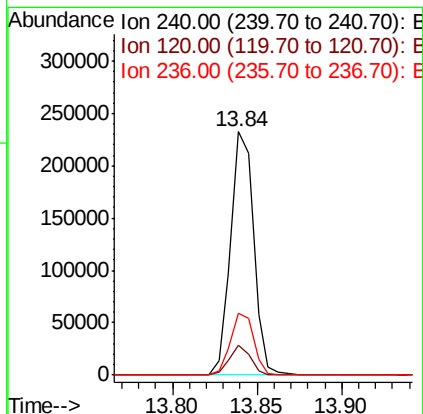
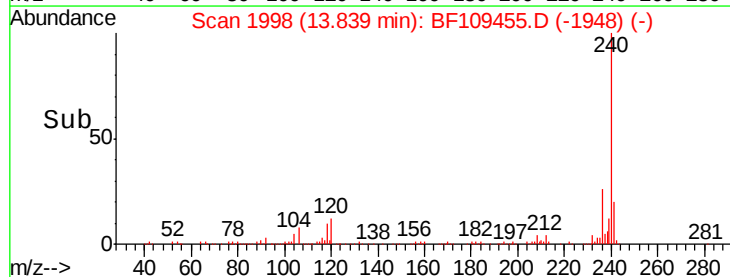


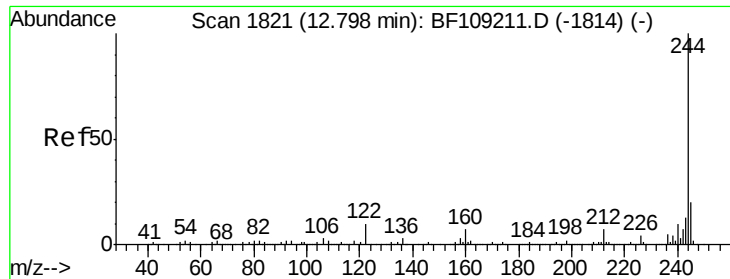
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109455.D
Acq: 29 Sep 2018 3:21

Tgt Ion:240 Resp: 221522
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.6 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: 118.967 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109455.D

Acq: 29 Sep 2018 3:21

Instrument :

BNA_F

ClientSampleId :

092618-DBRI-F-D-S

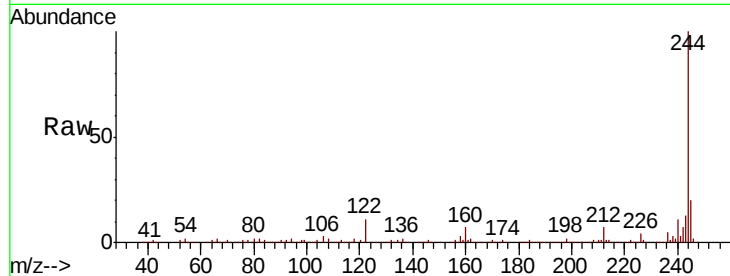
Tgt Ion:244 Resp: 1073840

Ion Ratio Lower Upper

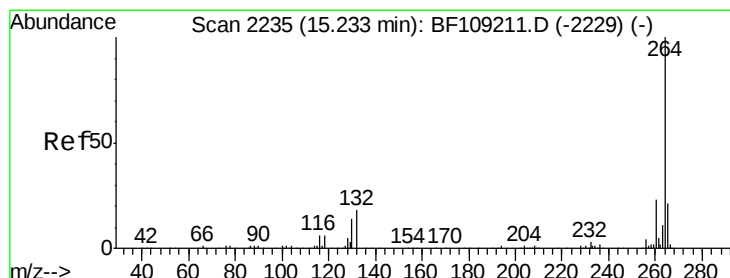
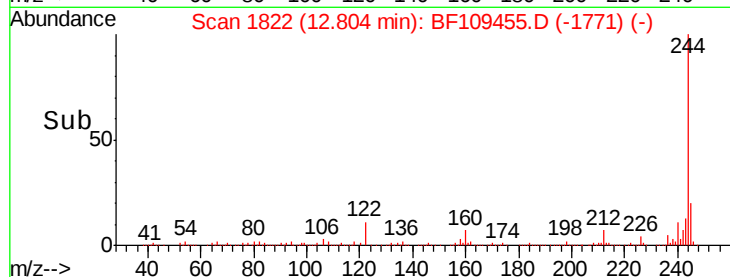
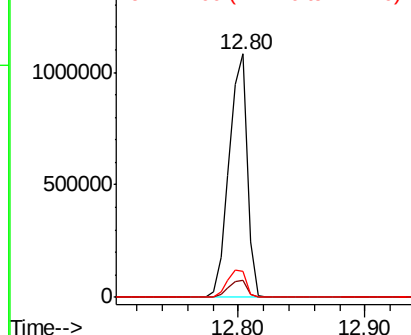
244 100

212 7.0 5.4 8.0

122 10.6 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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109455.D

Acq: 29 Sep 2018 3:21

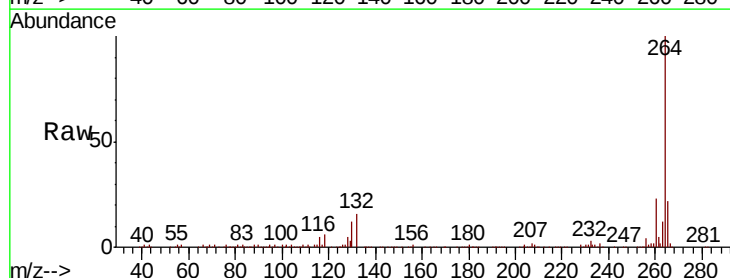
Tgt Ion:264 Resp: 225468

Ion Ratio Lower Upper

264 100

260 23.1 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

