

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109024.D
 Acq On : 15 Sep 2018 5:02
 Operator : JU/SJ
 Sample : J4901-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Sep 15 06:55:28 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

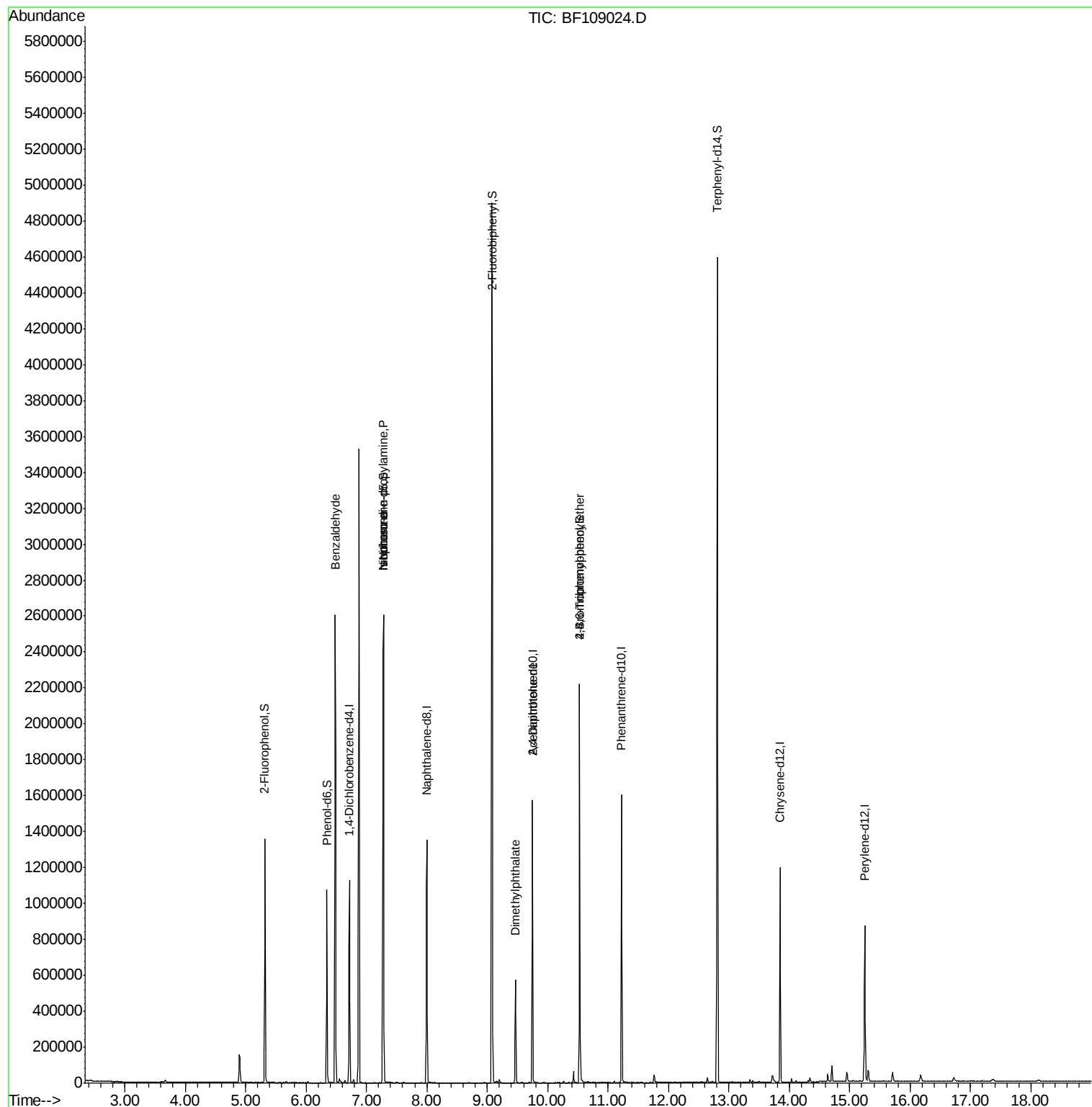
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150622	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	567992	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	280518	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	533598	20.00	ng	0.00
75) Chrysene-d12	13.85	240	380770	20.00	ng	-0.01
86) Perylene-d12	15.25	264	389909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	367789	40.56	ng	0.00
7) Phenol-d6	6.34	99	308078	26.35	ng	-0.02
23) Nitrobenzene-d5	7.28	82	951008	93.91	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	266206	87.44	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1580049	88.25	ng	0.00
78) Terphenyl-d14	12.81	244	1674783	104.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	15539	2.081	ng	# 71
19) n-Nitroso-di-n-propylamine	7.28	70	128872	16.673	ng	# 75
25) Isophorone	7.28	82	944762	54.273	ng	# 64
49) Dimethylphthalate	9.47	163	211130	10.530	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	35790	6.155	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	15500	2.577	ng	# 1

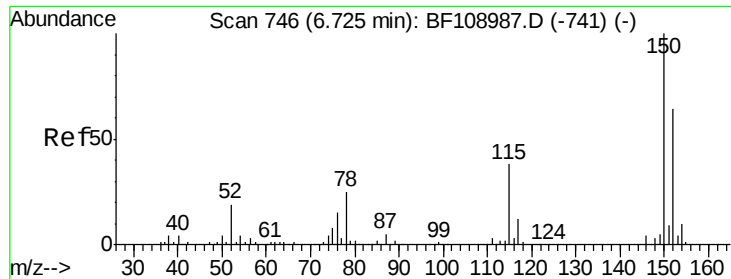
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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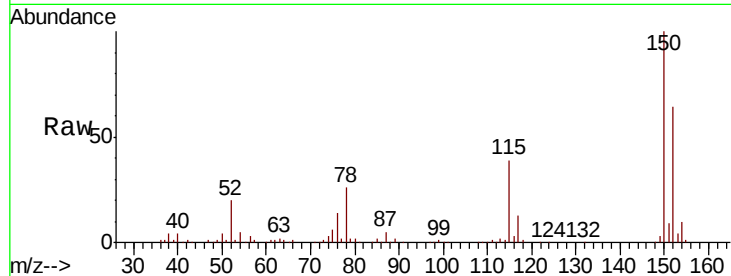




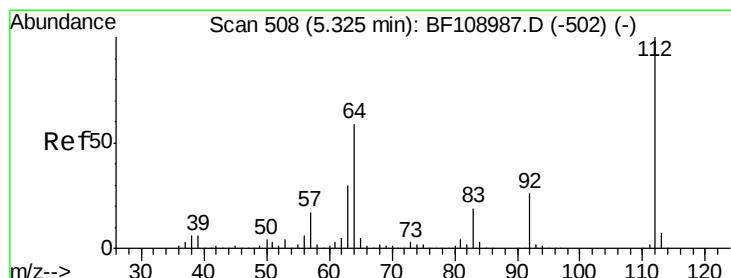
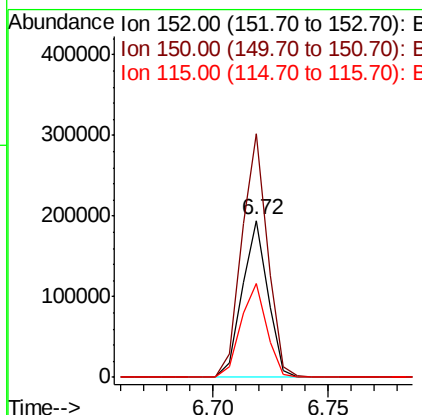
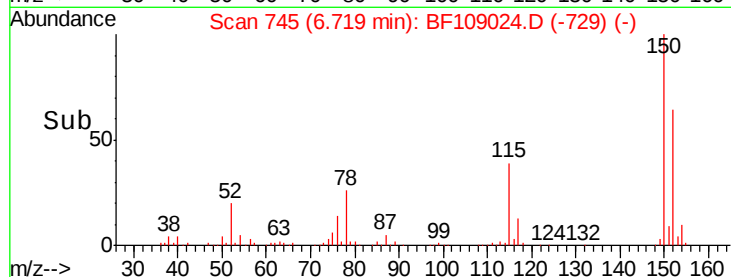
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109024.D
 Acq: 15 Sep 2018 5:02

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

Tgt Ion:152 Resp: 150622
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 59.8 50.1 75.1

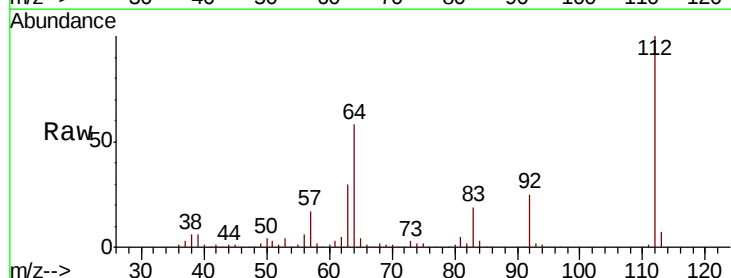


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

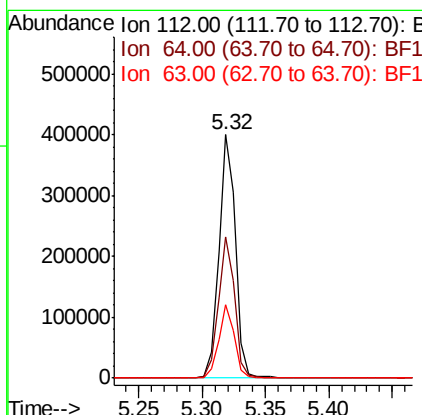
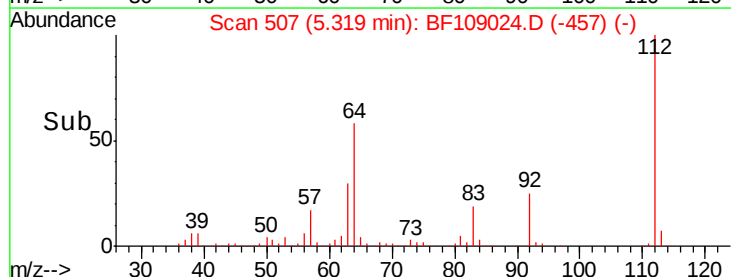


#5
 2-Fluorophenol
 Concen: 40.555 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF109024.D
 Acq: 15 Sep 2018 5:02

Tgt Ion:112 Resp: 367789
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 30.0 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: 26.345 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109024.D

Acq: 15 Sep 2018 5:02

Instrument :

BNA_F

ClientSampleId :

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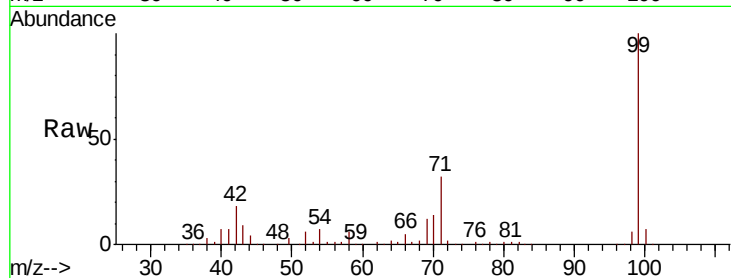
Tgt Ion: 99 Resp: 308078

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

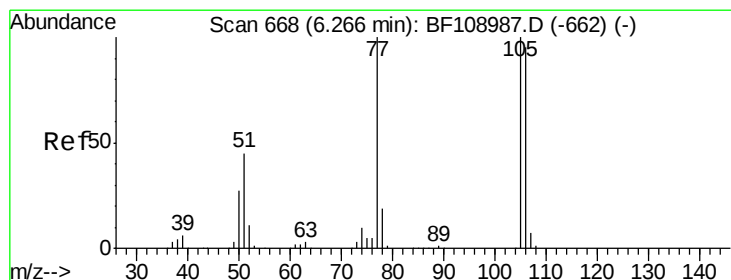
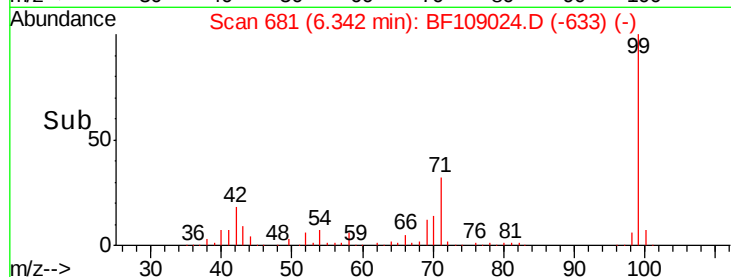
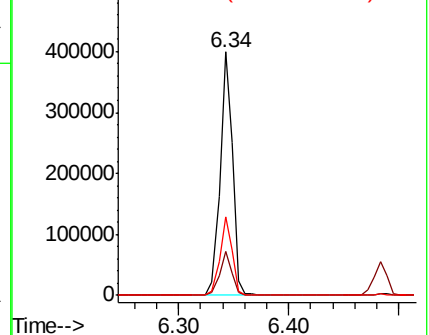
71 32.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.081 ng

RT: 6.48 min Scan# 705

Delta R.T. 0.22 min

Lab File: BF109024.D

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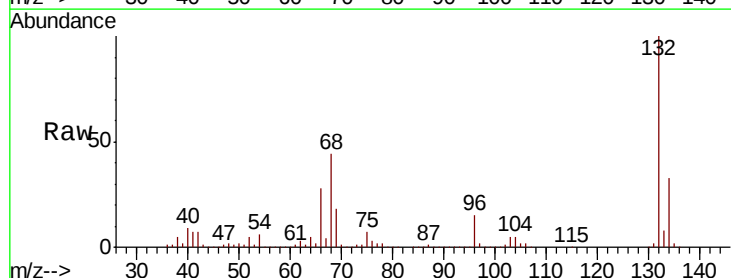
Tgt Ion: 77 Resp: 15539

Ion Ratio Lower Upper

77 100

105 72.1 81.1 121.1#

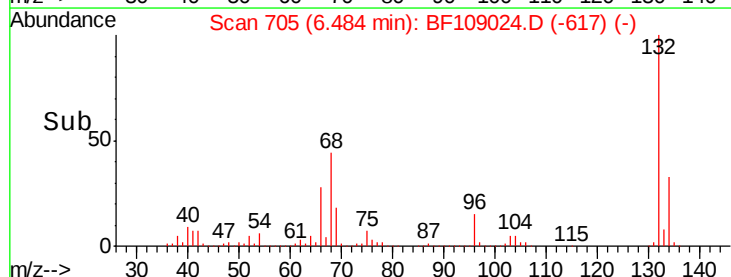
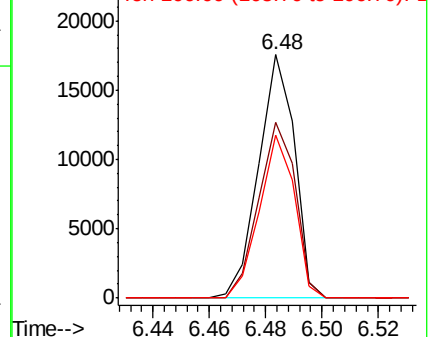
106 66.9 74.5 114.5#

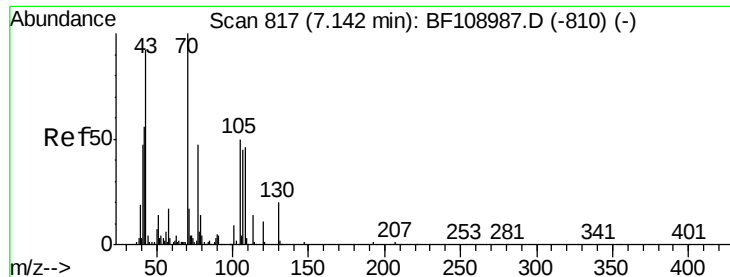


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

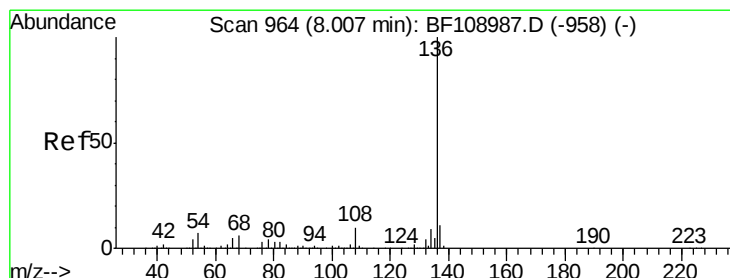
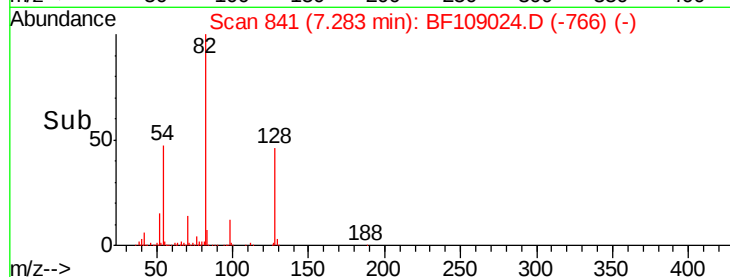
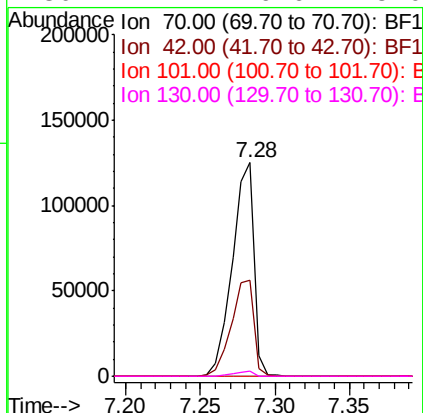
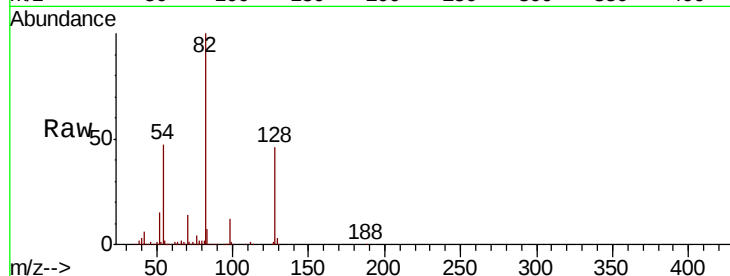




#19
n-Nitroso-di-n-propylamine
Concen: 16.673 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109024.D
Acq: 15 Sep 2018 5:02

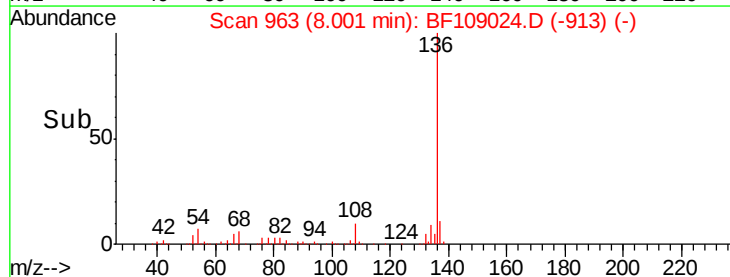
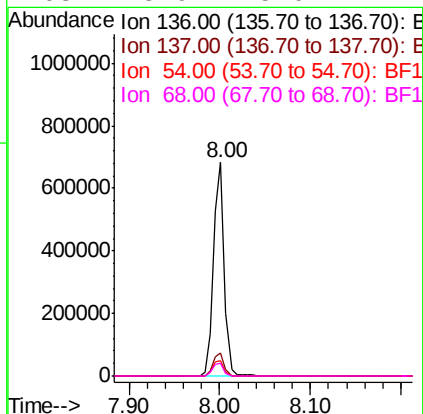
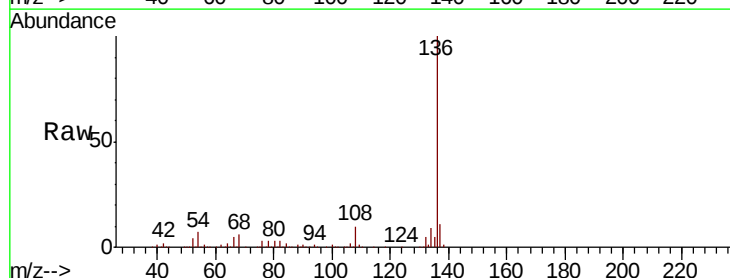
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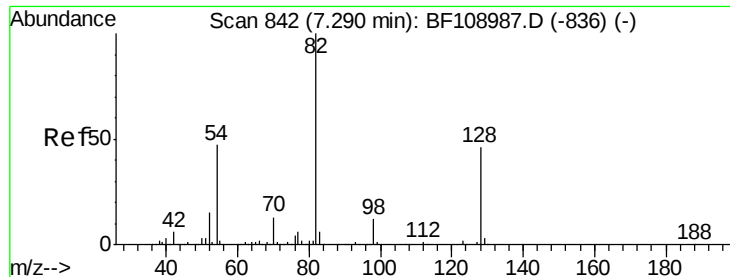
Tgt Ion:	70	Resp:	128872
Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109024.D
Acq: 15 Sep 2018 5:02

Tgt Ion:	136	Resp:	567992
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4

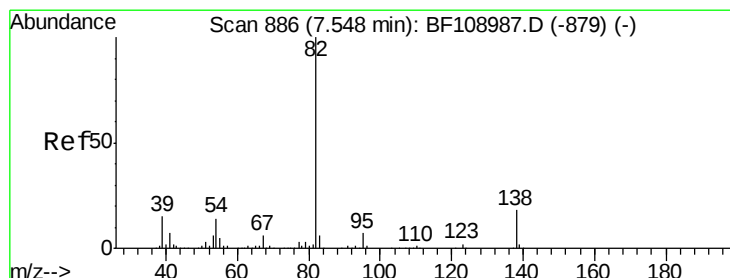
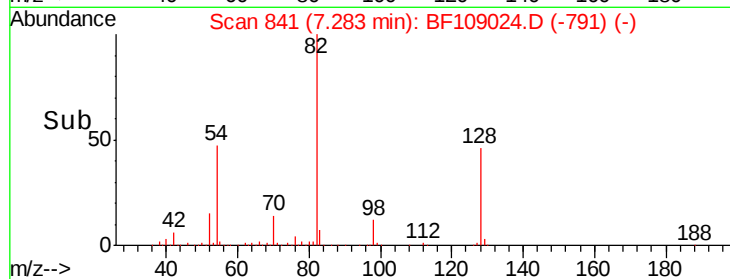
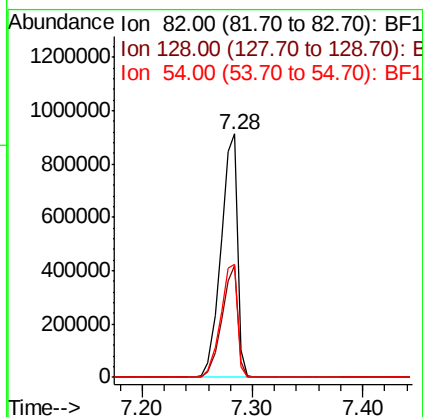
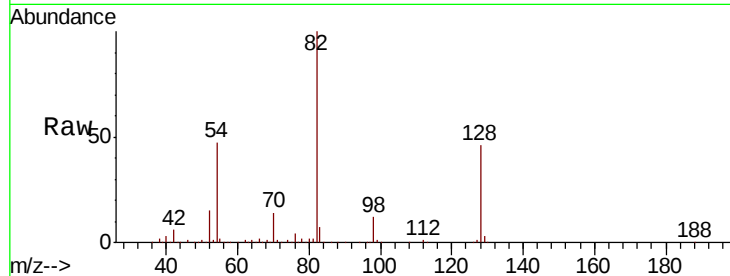




#23
 Nitrobenzene-d5
 Concen: 93.910 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109024.D
 Acq: 15 Sep 2018 5:02

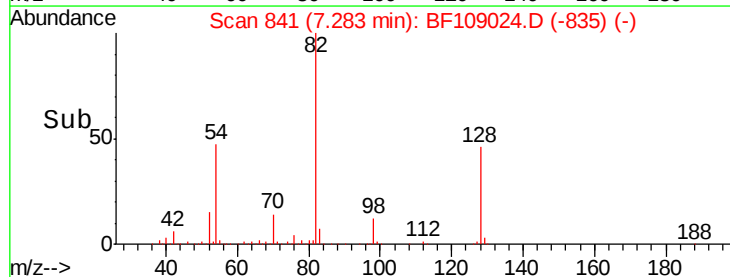
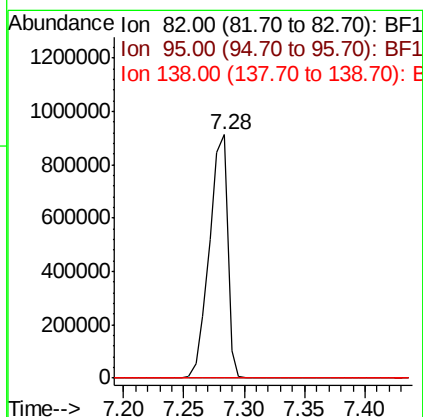
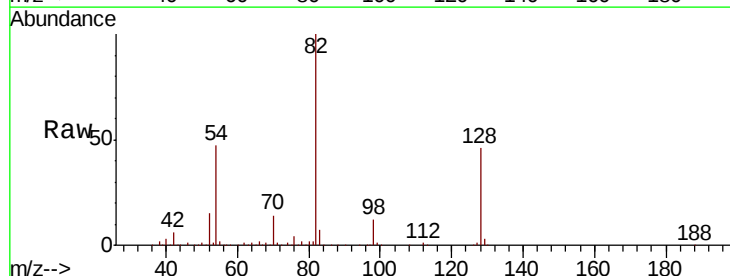
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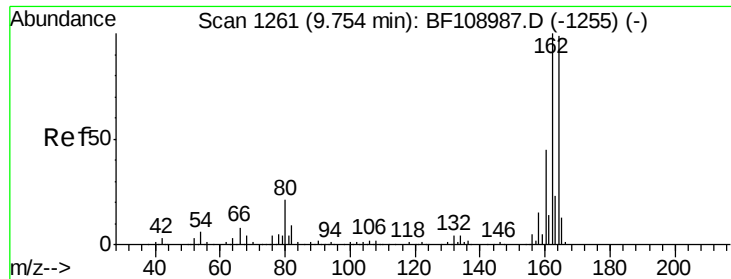
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	46.6	41.4	62.2



#25
 Isophorone
 Concen: 54.273 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109024.D
 Acq: 15 Sep 2018 5:02

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

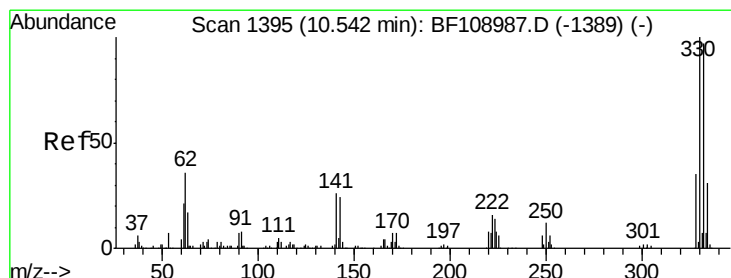
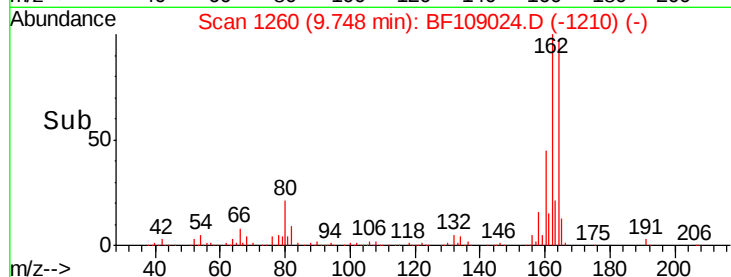
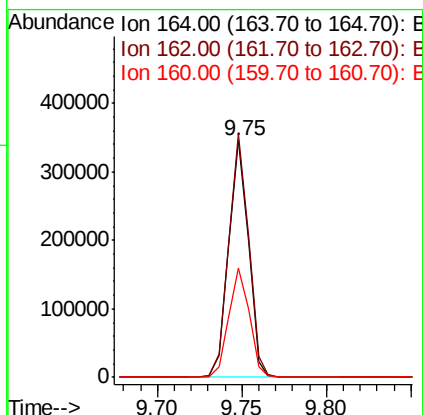
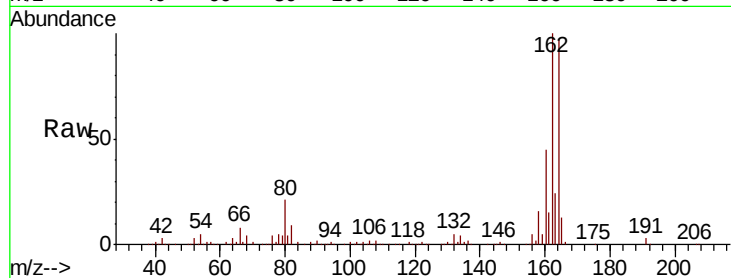




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109024.D
 Acq: 15 Sep 2018 5:02

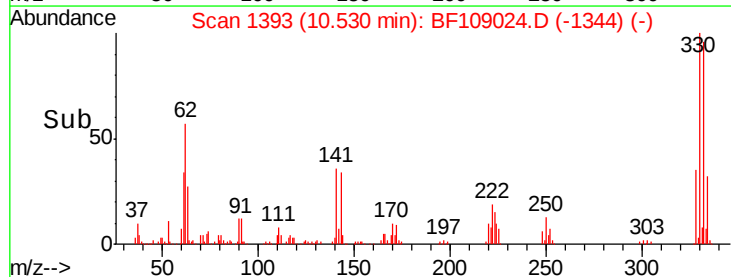
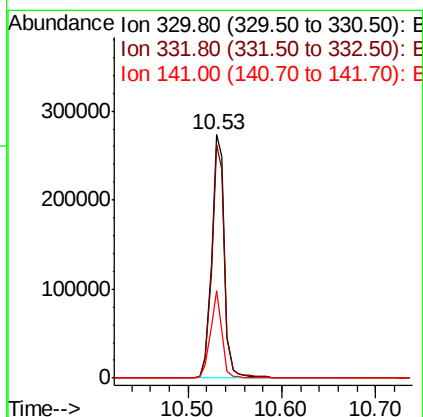
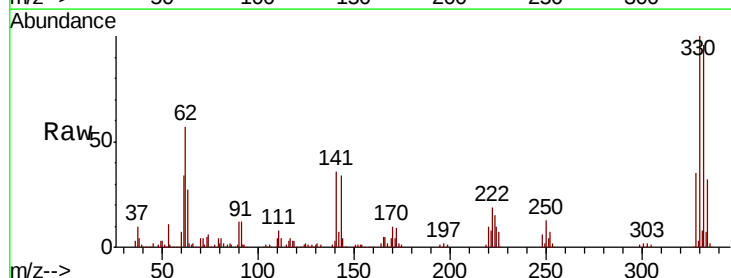
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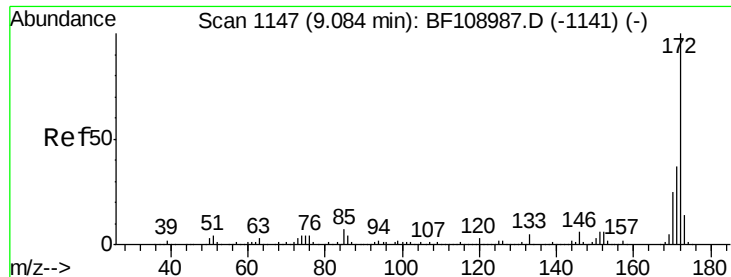
Tgt Ion:164 Resp: 280518
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 87.442 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109024.D
 Acq: 15 Sep 2018 5:02

Tgt Ion:330 Resp: 266206
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 32.0 29.9 44.9

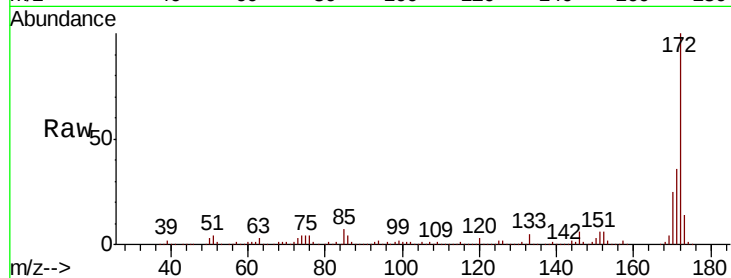




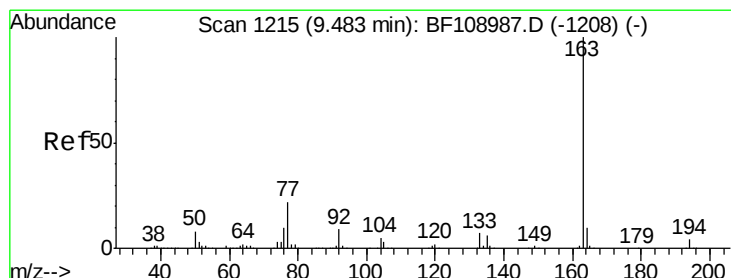
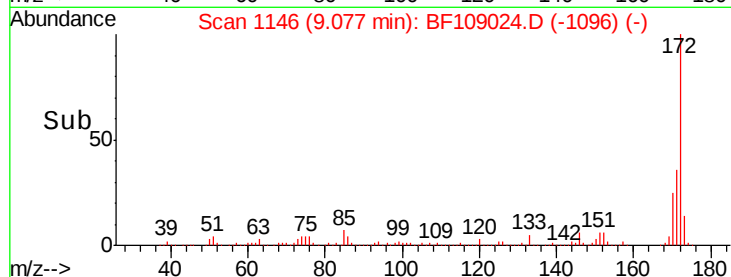
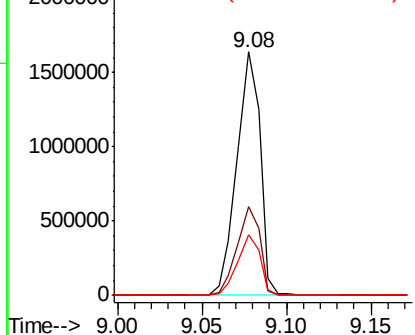
#44
2-Fluorobiphenyl
Concen: 88.248 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109024.D
Acq: 15 Sep 2018 5:02

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

Tgt Ion:172 Resp: 1580049
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.9 19.6 29.4

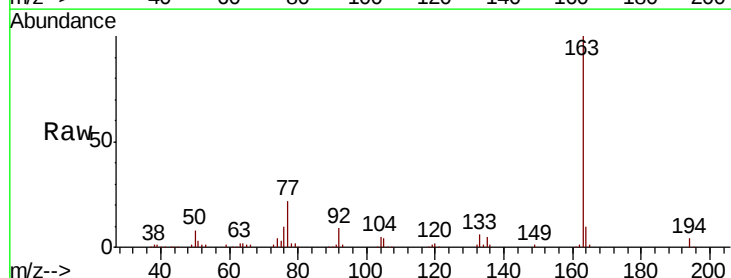


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

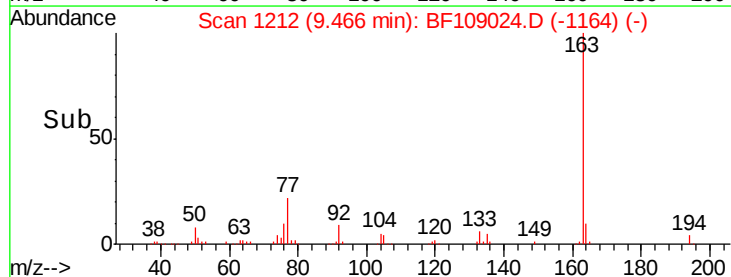
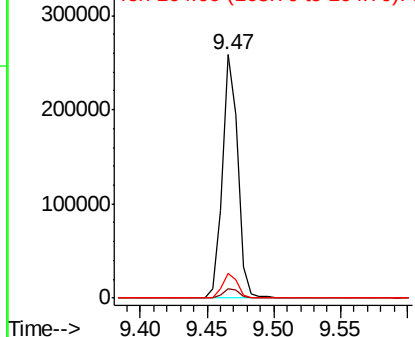


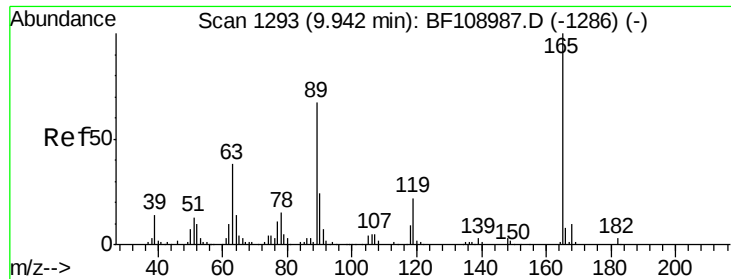
#49
Dimethylphthalate
Concen: 10.530 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109024.D
Acq: 15 Sep 2018 5:02

Tgt Ion:163 Resp: 211130
Ion Ratio Lower Upper
163 100
194 3.8 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

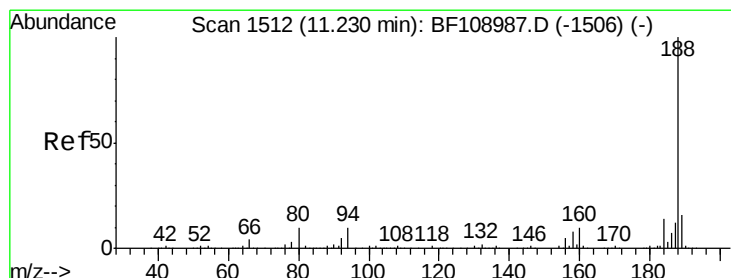
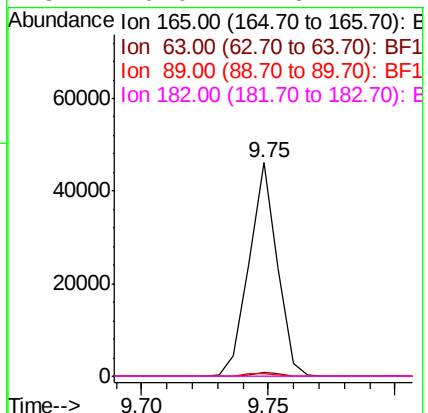
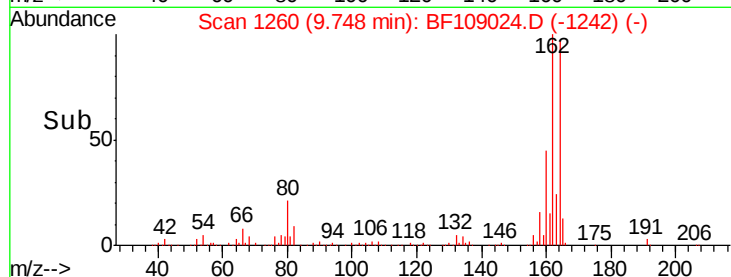
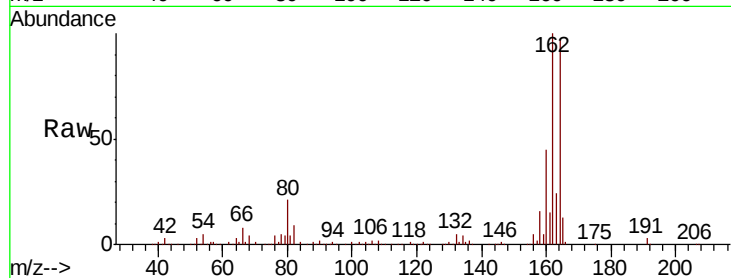




#56
2,4-Dinitrotoluene
Concen: 6.155 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109024.D
Acq: 15 Sep 2018 5:02

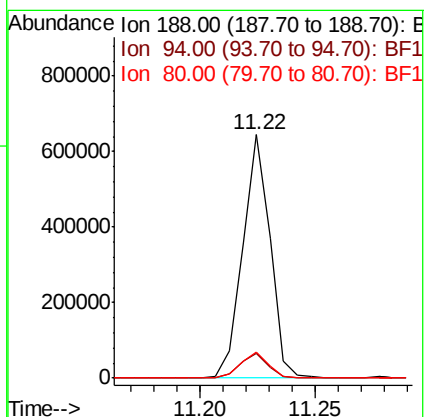
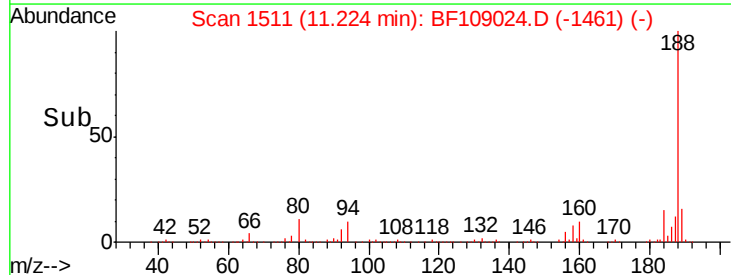
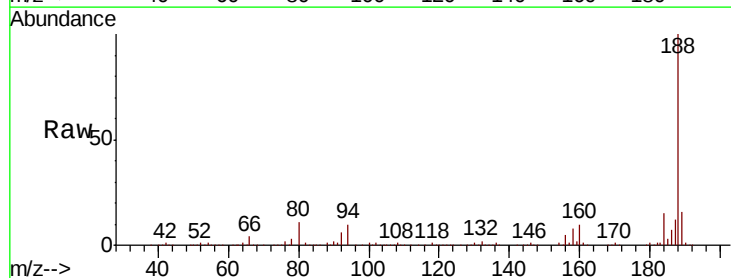
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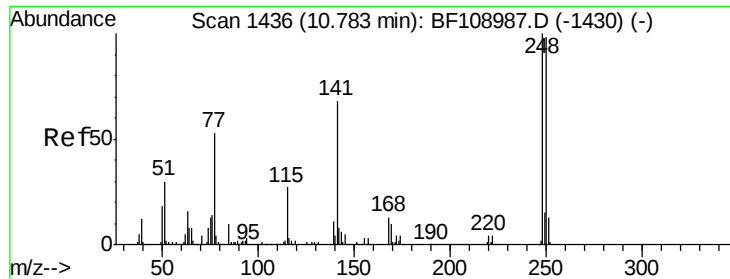
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109024.D
Acq: 15 Sep 2018 5:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8

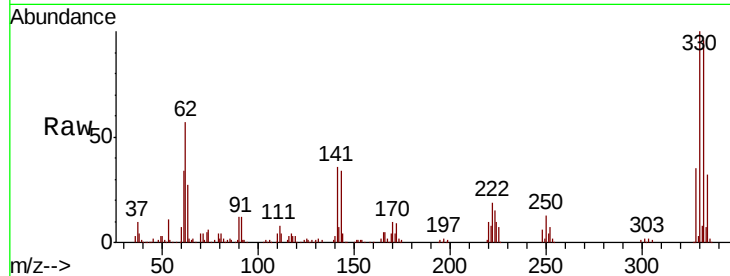




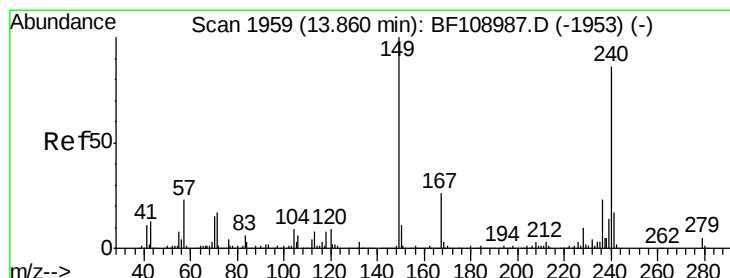
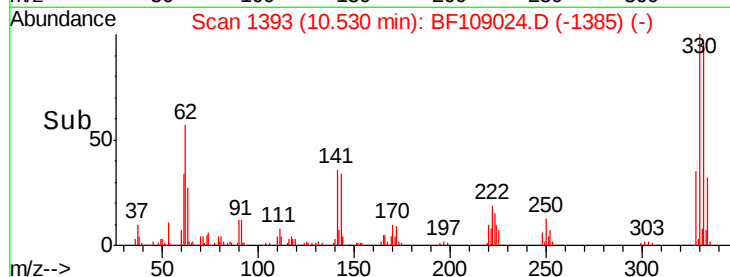
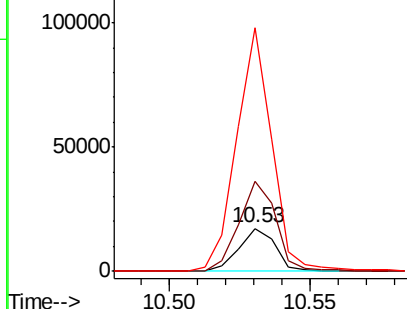
#66
 4-Bromophenyl-phenylether
 Concen: 2.577 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109024.D
 Acq: 15 Sep 2018 5:02

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

Tgt Ion:248 Resp: 15500
 Ion Ratio Lower Upper
 248 100
 250 209.2 76.9 115.3#
 141 563.7 74.4 111.6#

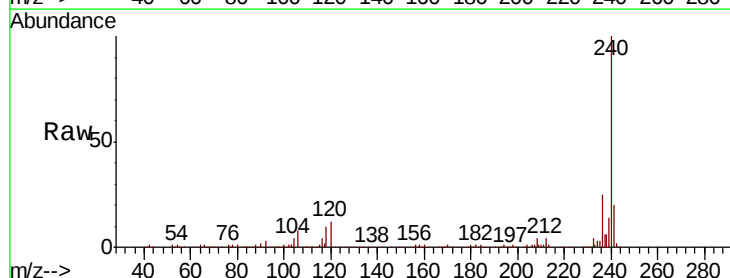


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

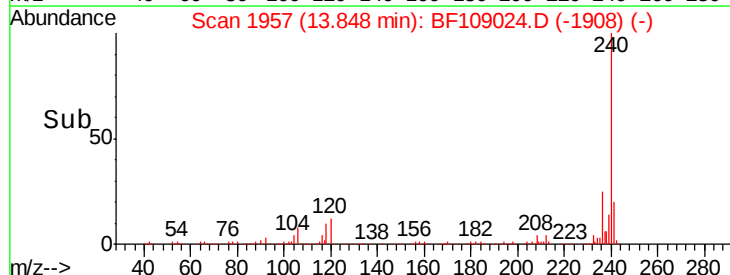
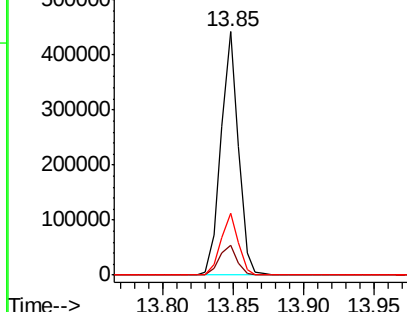


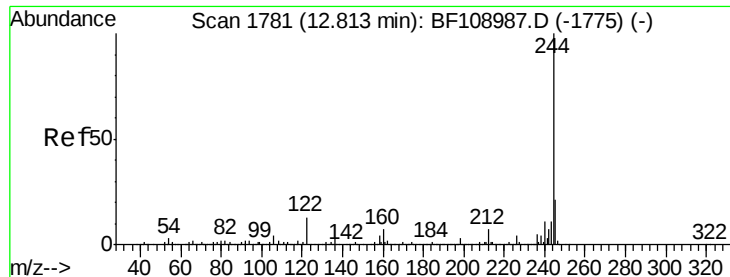
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109024.D
 Acq: 15 Sep 2018 5:02

Tgt Ion:240 Resp: 380770
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.5 14.3
 236 25.4 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: 104.254 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109024.D

Acq: 15 Sep 2018 5:02

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-D-S

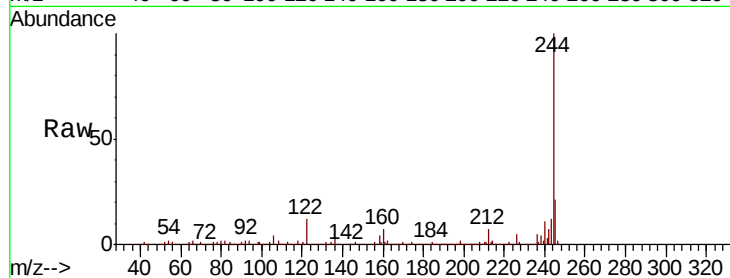
Tgt Ion:244 Resp: 1674783

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

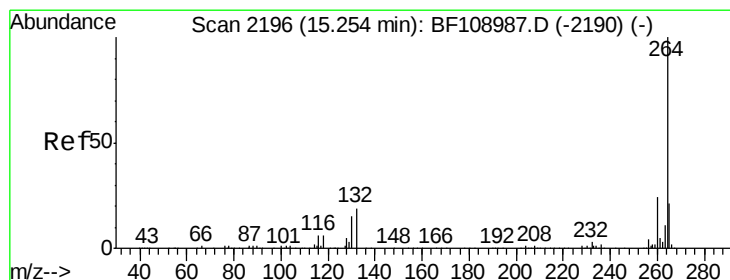
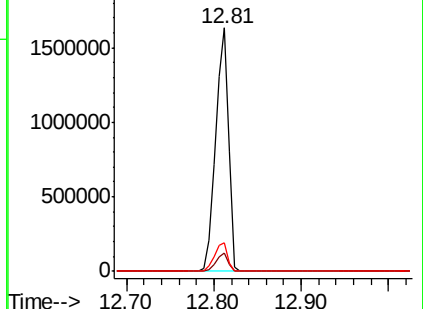
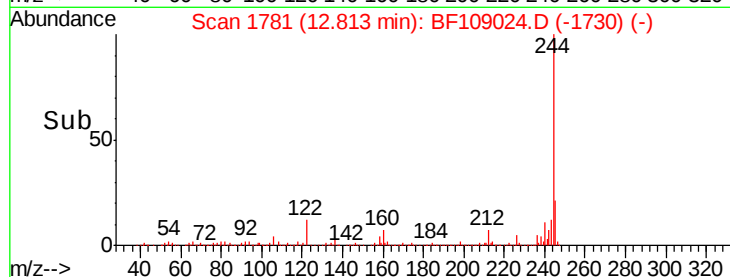
122 11.9 11.0 16.4



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# 2196

Delta R.T. -0.00 min

Lab File: BF109024.D

Acq: 15 Sep 2018 5:02

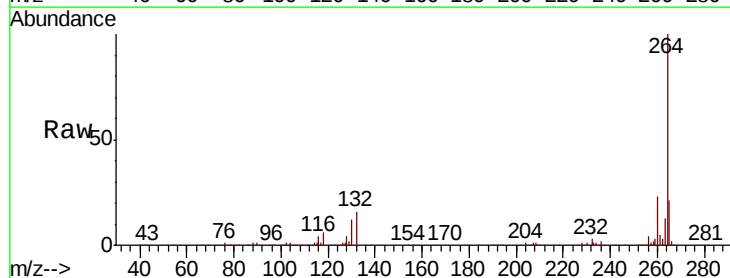
Tgt Ion:264 Resp: 389909

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 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

