

Data File : BF108922.D
Acq On : 11 Sep 2018 4:52
Operator : JU/SJ
Sample : J4830-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-B

Quant Time: Sep 11 08:19:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	153533	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	534367	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	209296	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	359102	20.00	ng	0.00
75) Chrysene-d12	13.87	240	389374	20.00	ng	0.00
86) Perylene-d12	15.28	264	271245	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	447503	48.29	ng	0.00
7) Phenol-d6	6.37	99	365489	30.65	ng	0.00
23) Nitrobenzene-d5	7.30	82	978695	114.62	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	200620	100.41	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1518778	123.80	ng	0.00
78) Terphenyl-d14	12.83	244	1405416	84.17	ng	0.00

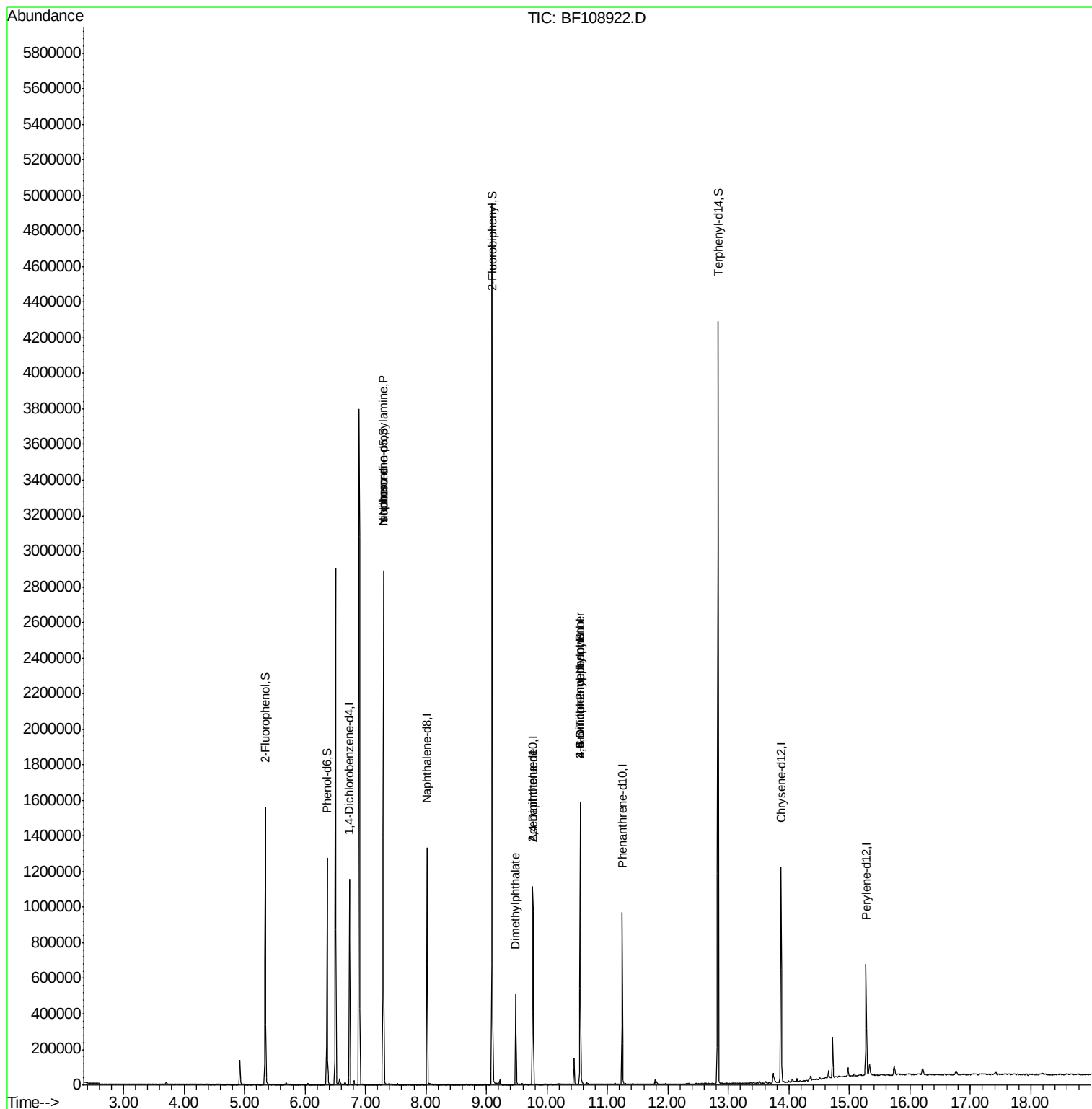
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	131443	15.858	ng	# 77
25) Isophorone	7.30	82	973959	57.183	ng	# 64
49) Dimethylphthalate	9.48	163	183401	12.528	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	26050	7.303	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	292	7.046	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	12173	3.001	ng	# 1

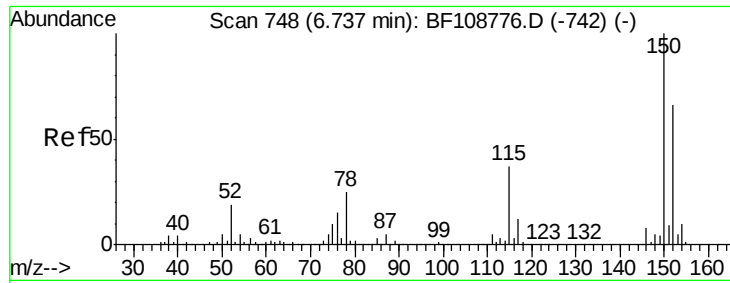
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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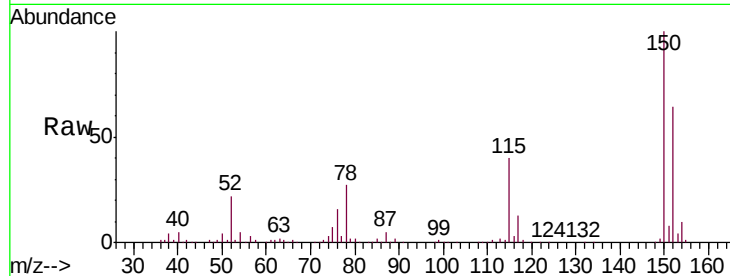




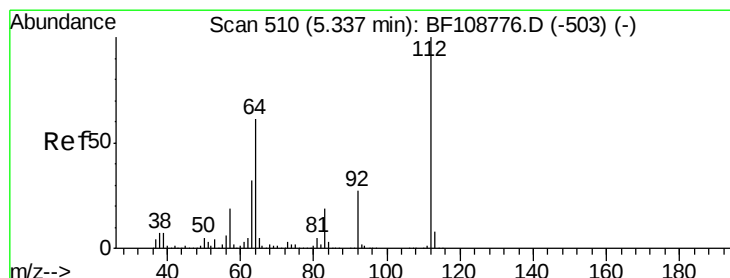
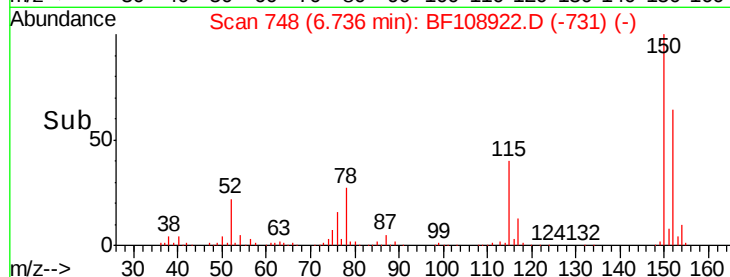
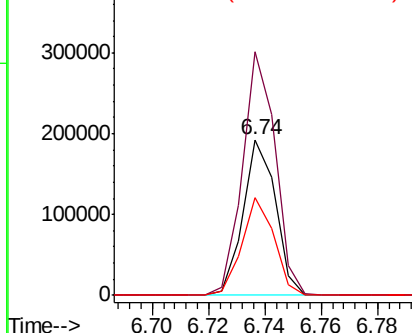
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108922.D
 Acq: 11 Sep 2018 4:52

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-B

Tgt Ion:152 Resp: 153533
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 62.8 50.1 75.1

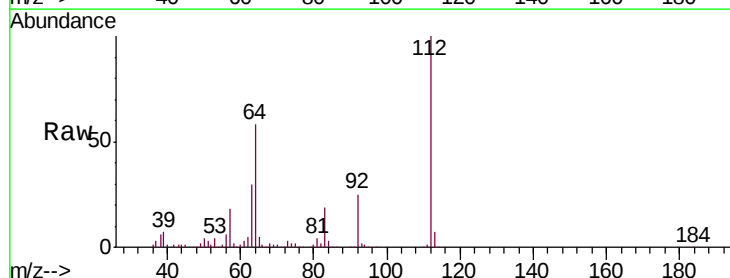


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

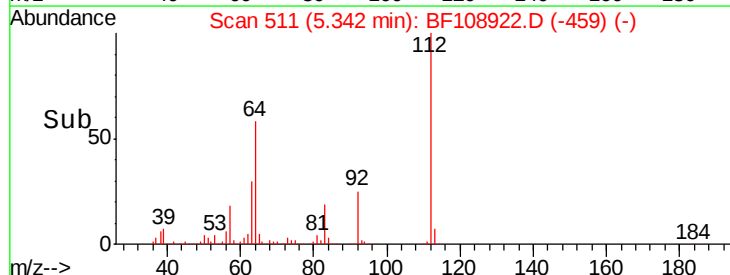
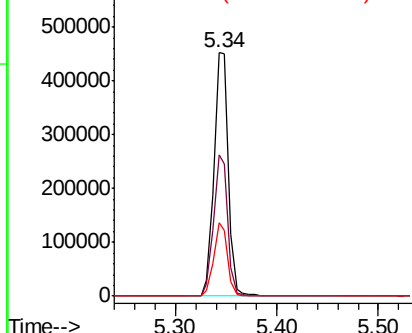


#5
 2-Fluorophenol
 Concen: 48.287 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108922.D
 Acq: 11 Sep 2018 4:52

Tgt Ion:112 Resp: 447503
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 30.4 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: 30.651 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-B

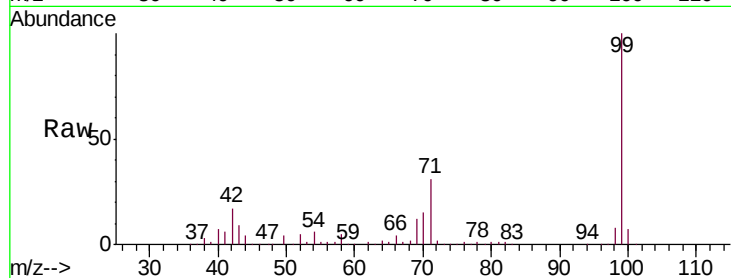
Tgt Ion: 99 Resp: 365489

Ion Ratio Lower Upper

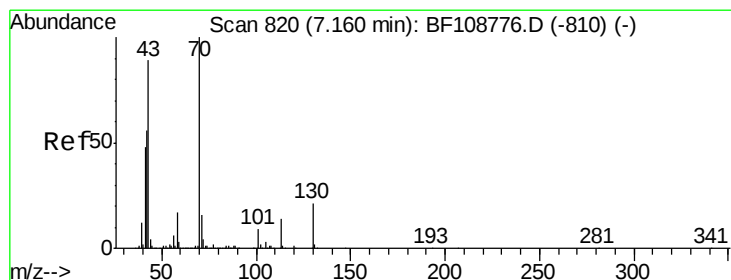
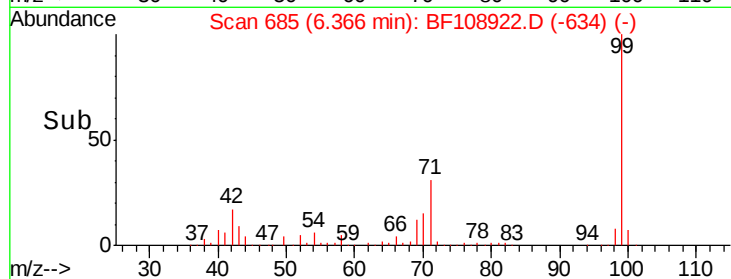
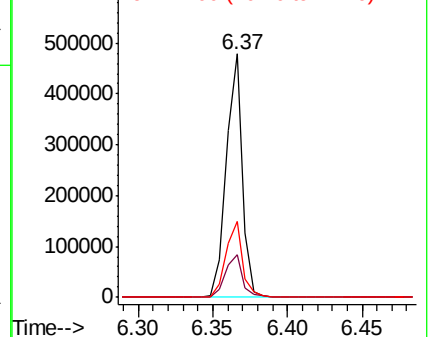
99 100

42 17.3 14.5 21.7

71 31.5 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: 15.858 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

Tgt Ion: 70 Resp: 131443

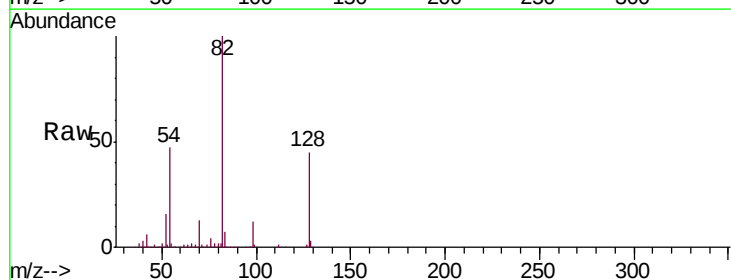
Ion Ratio Lower Upper

70 100

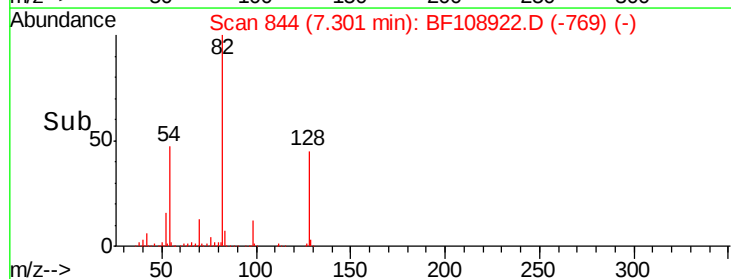
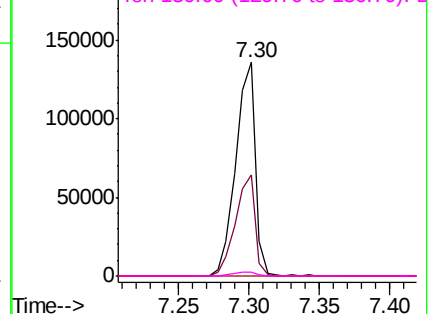
42 47.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 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

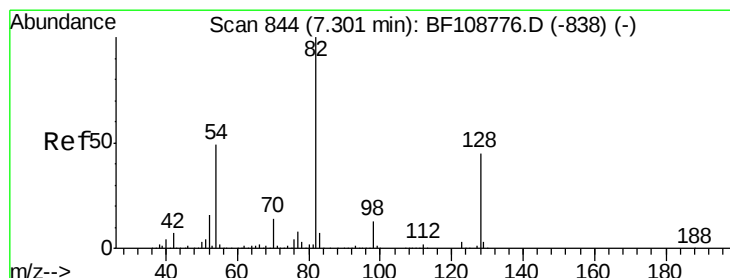
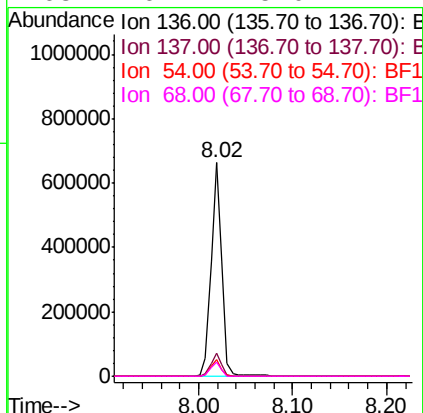
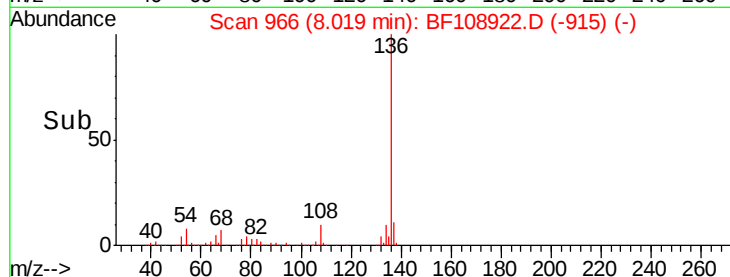
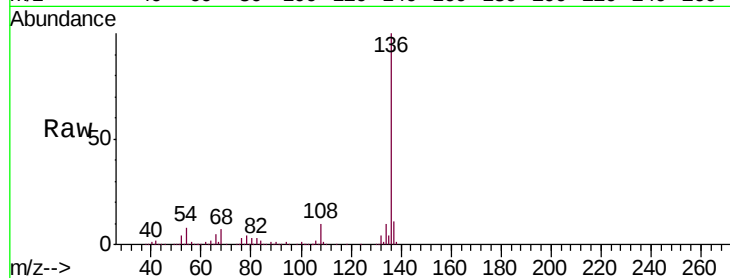




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

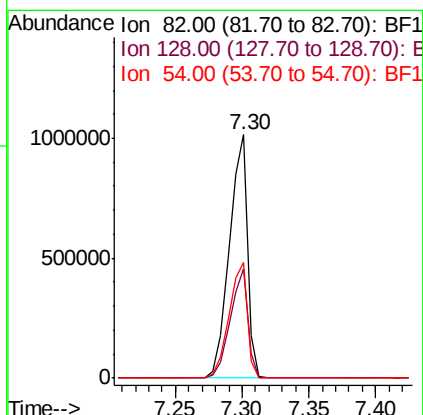
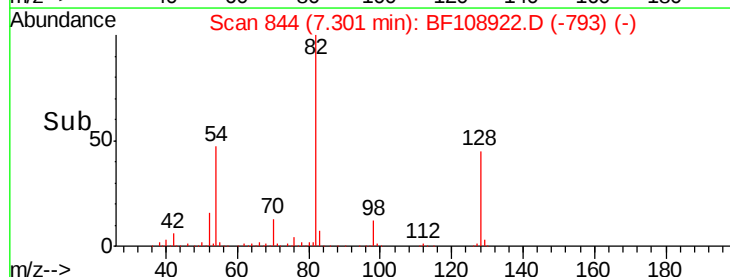
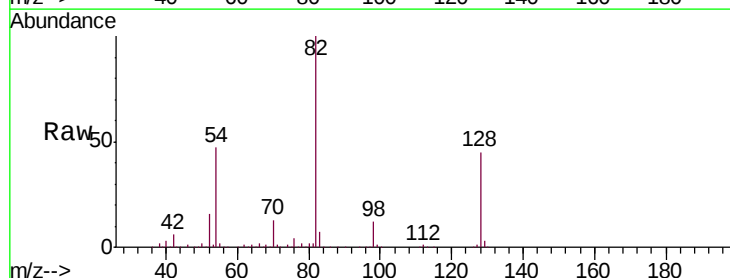
Instrument :
BNA_F
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090618-DBRI-E-U-B

Tgt Ion:	136	Resp:	534367
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 114.617 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Tgt Ion:	82	Resp:	978695
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	47.3	41.4	62.2

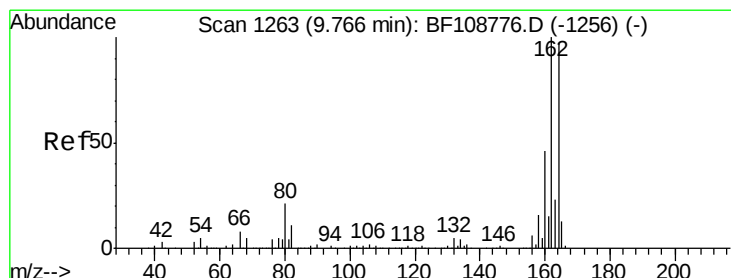
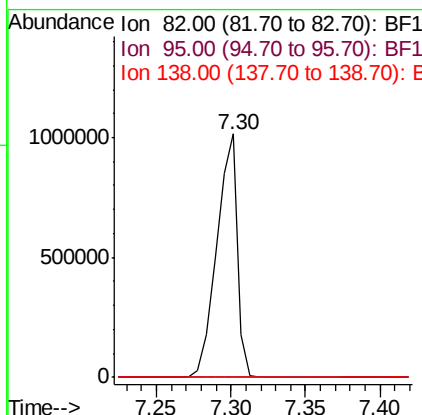
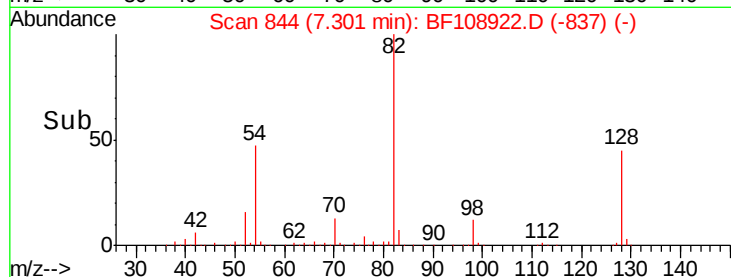
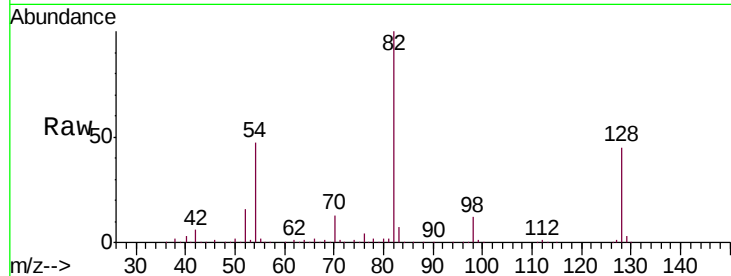




#25
Isophorone
Concen: 57.183 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.26 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

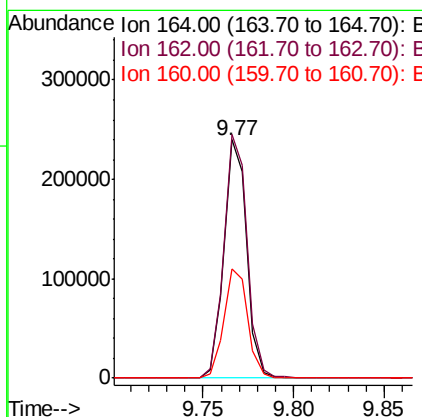
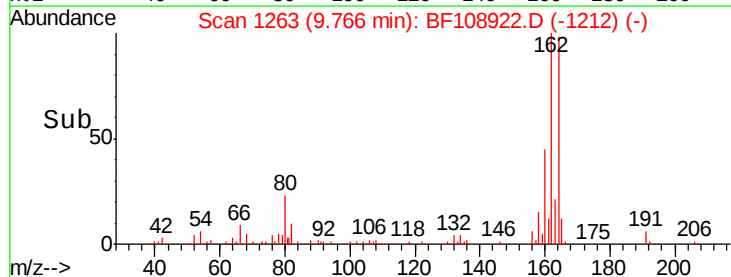
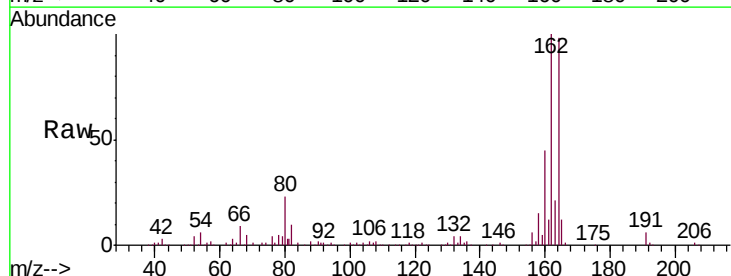
Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-B

Tgt Ion: 82 Resp: 973959
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: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Tgt Ion: 164 Resp: 209296
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.1 38.3 57.5

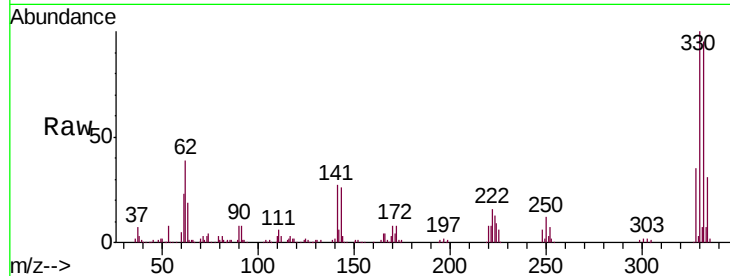




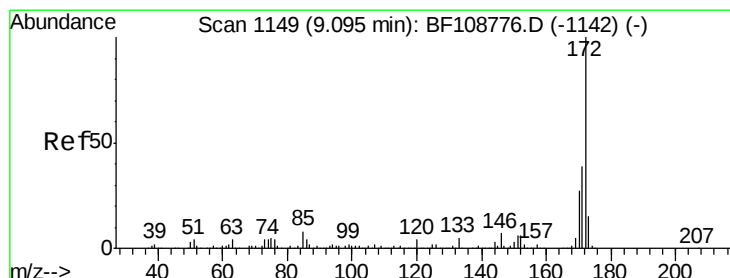
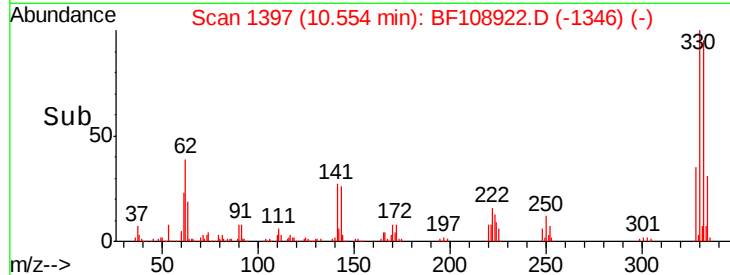
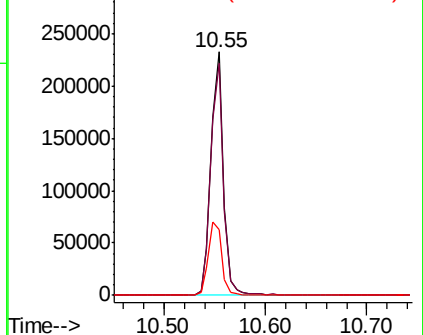
#41
 2,4,6-Tribromophenol
 Concen: 100.408 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108922.D
 Acq: 11 Sep 2018 4:52

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.3	29.9	44.9

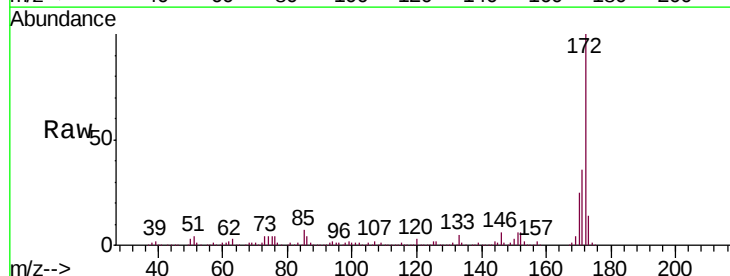


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

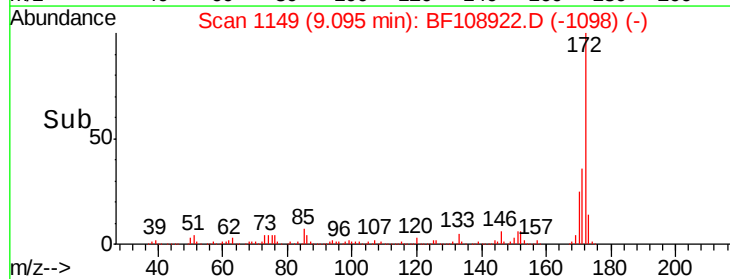
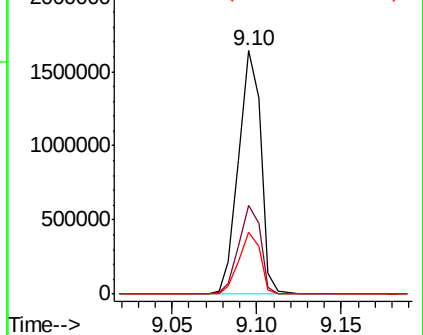


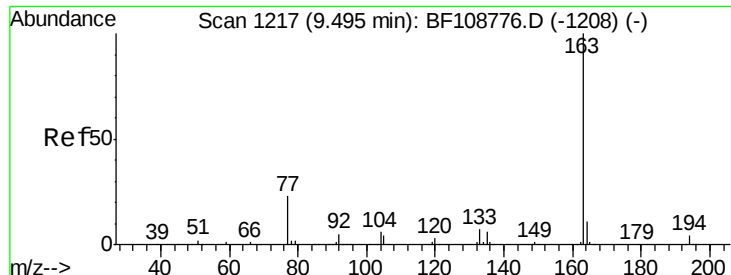
#44
 2-Fluorobiphenyl
 Concen: 123.797 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108922.D
 Acq: 11 Sep 2018 4:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	25.2	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

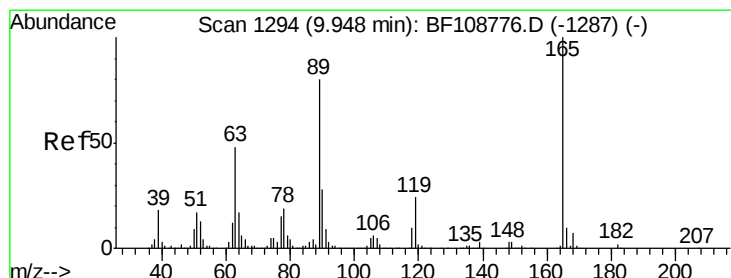
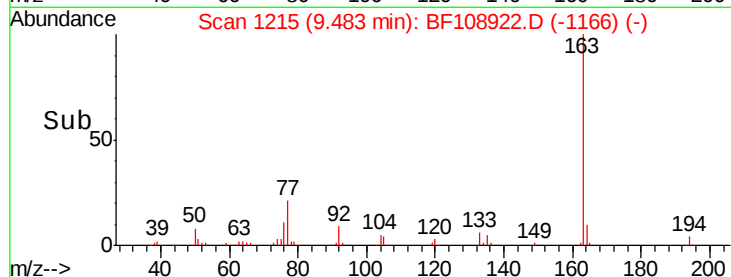
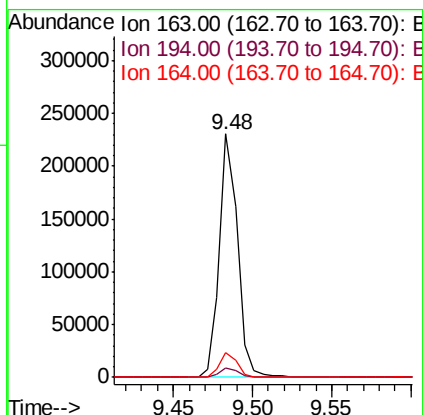
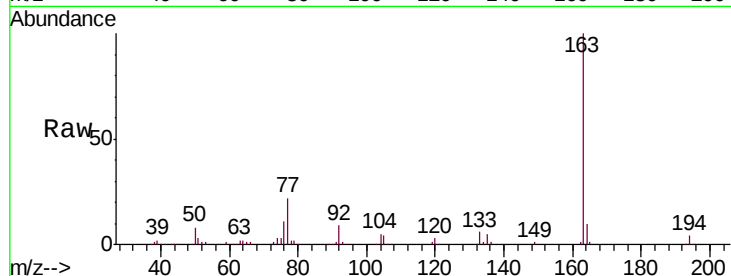




#49
Dimethylphthalate
Concen: 12.528 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

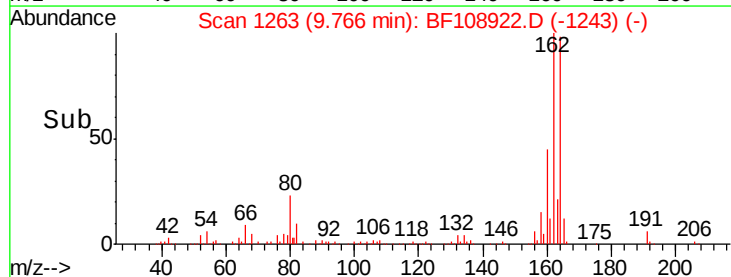
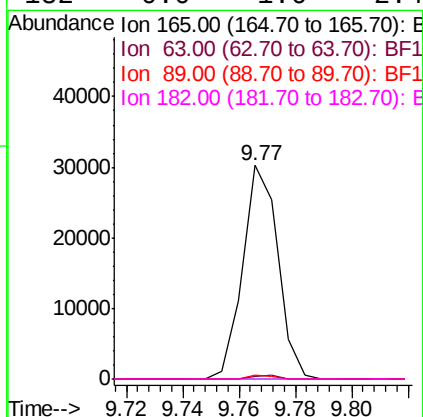
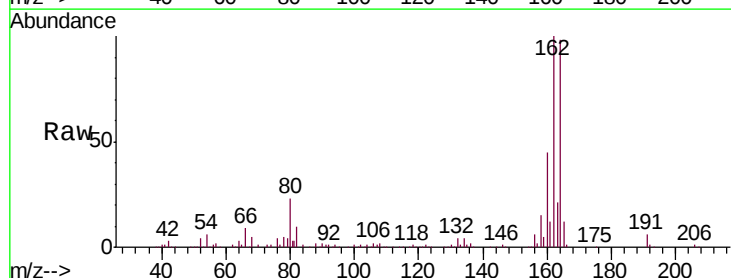
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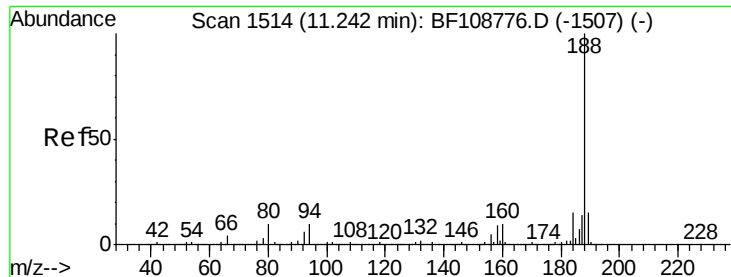
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 7.303 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

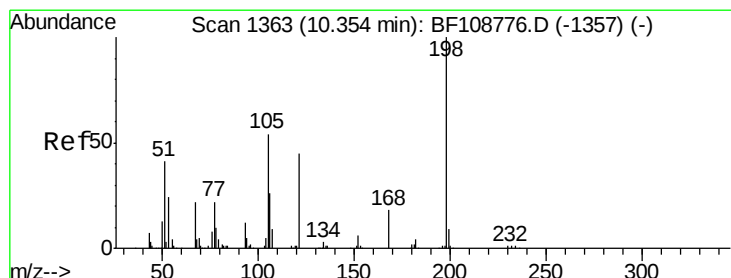
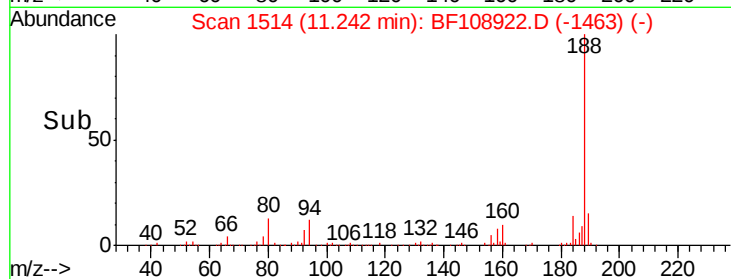
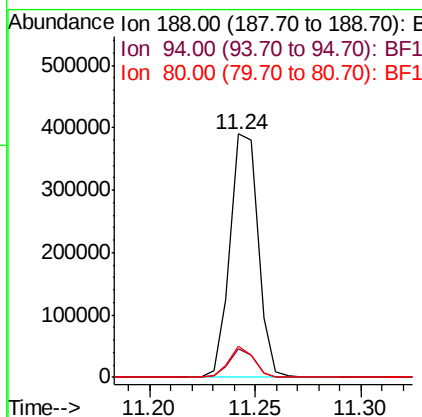
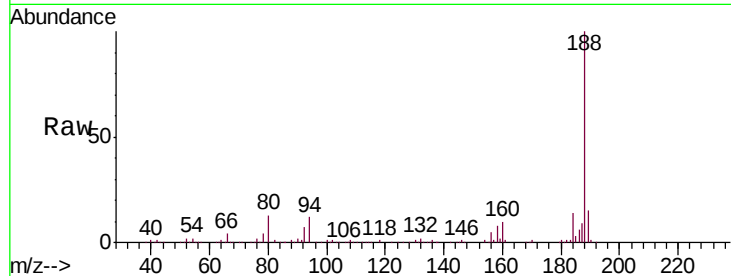




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

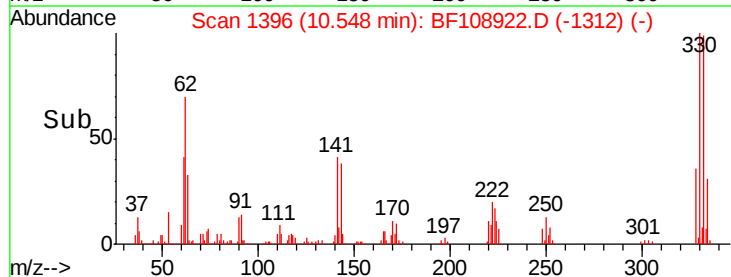
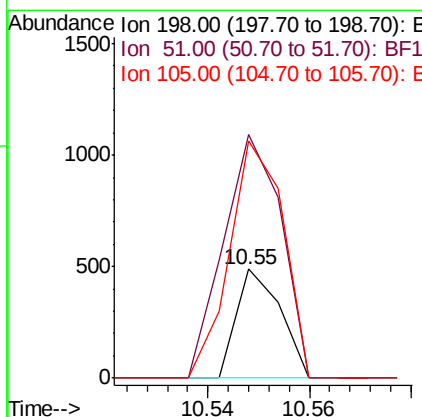
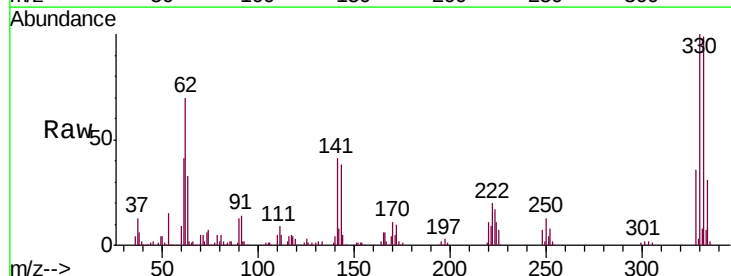
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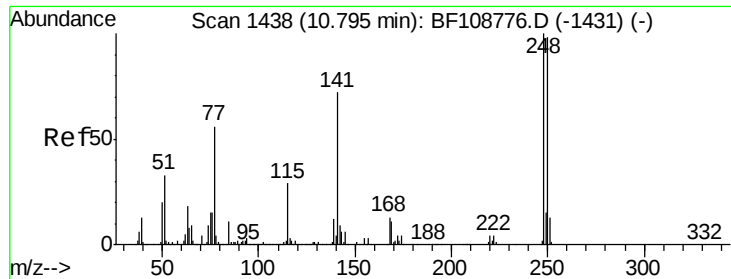
Tgt Ion:188 Resp: 359102
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.046 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Tgt Ion:198 Resp: 292
Ion Ratio Lower Upper
198 100
51 224.2 37.7 77.7#
105 218.7 36.3 76.3#

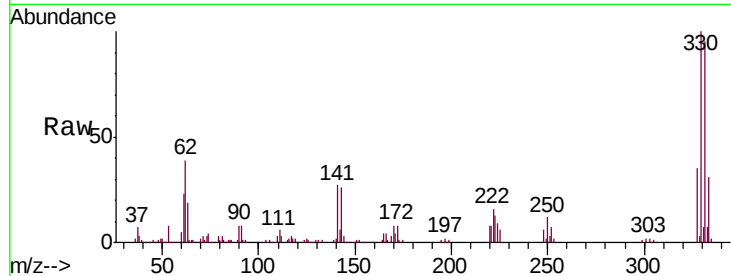




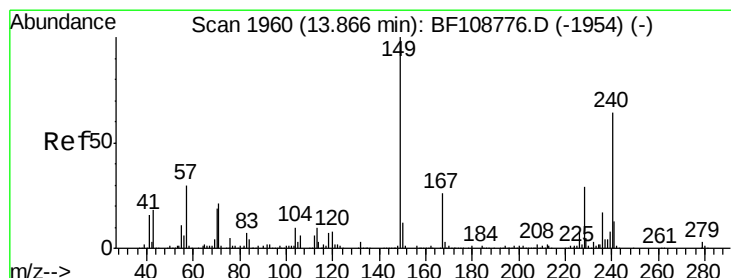
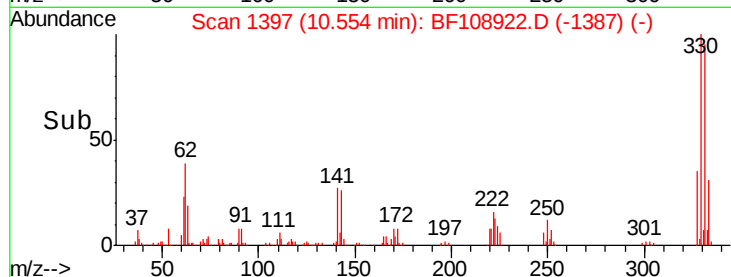
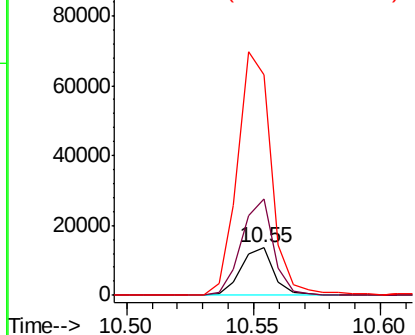
#66
4-Bromophenyl-phenylether
Concen: 3.001 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-U-B

Tgt Ion:248 Resp: 12173
Ion Ratio Lower Upper
248 100
250 204.1 76.9 115.3#
141 464.1 74.4 111.6#

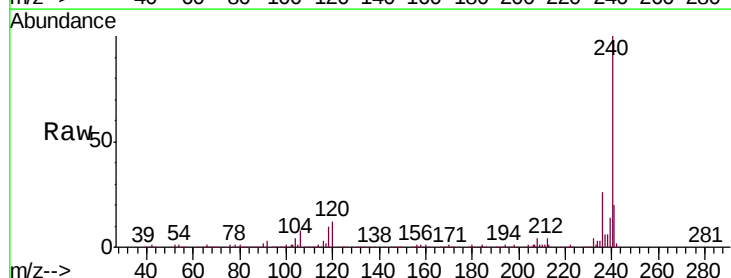


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

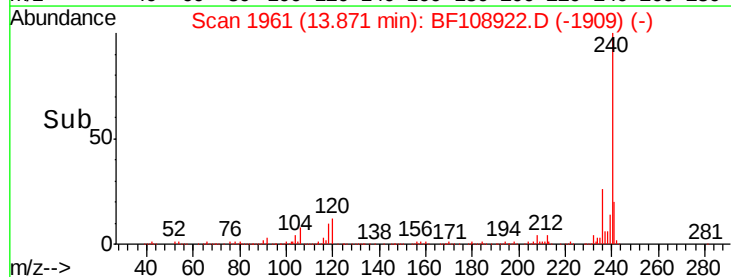
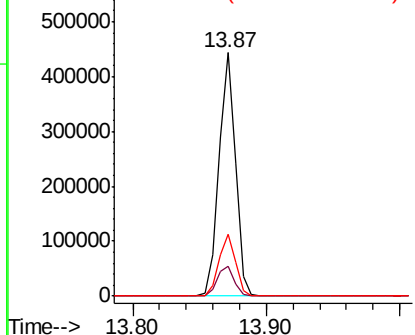


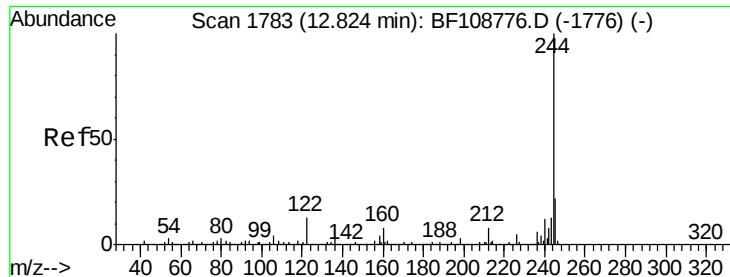
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108922.D
Acq: 11 Sep 2018 4:52

Tgt Ion:240 Resp: 389374
Ion Ratio Lower Upper
240 100
120 12.4 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: 84.168 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-U-B

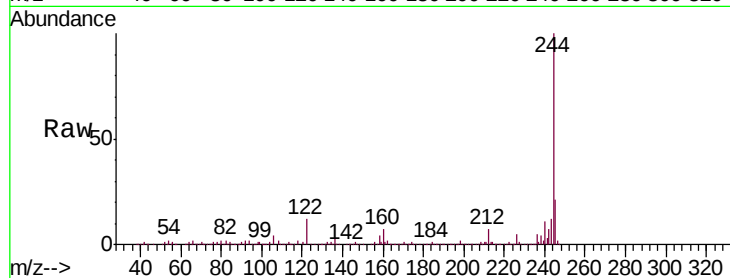
Tgt Ion:244 Resp: 1405416

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

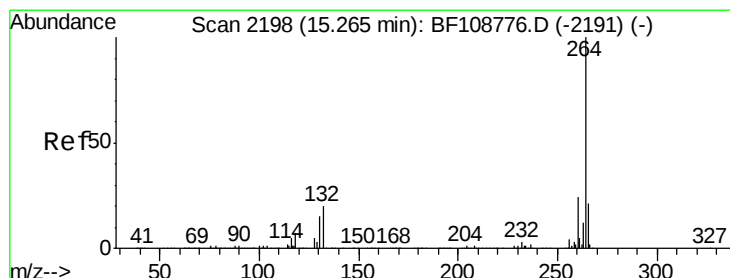
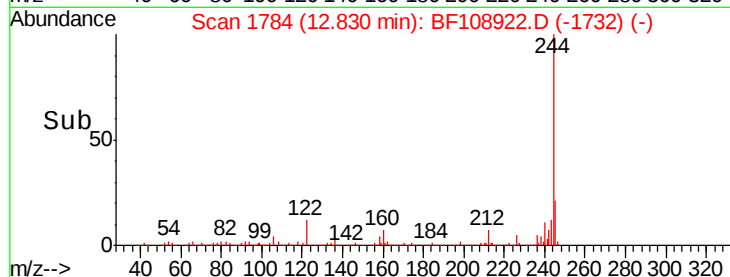
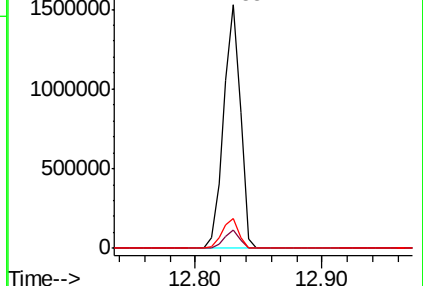
122 12.4 11.0 16.4



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: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108922.D

Acq: 11 Sep 2018 4:52

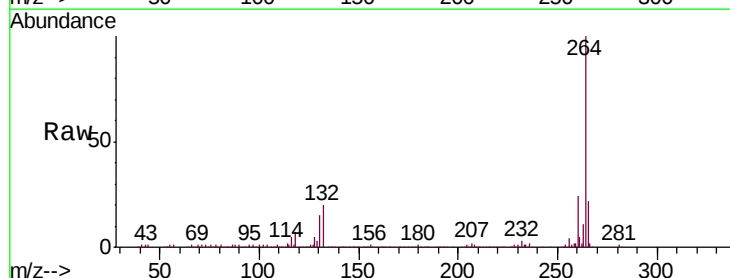
Tgt Ion:264 Resp: 271245

Ion Ratio Lower Upper

264 100

260 23.9 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

