

Data File : BF108871.D
Acq On : 7 Sep 2018 20:00
Operator : JU/SJ
Sample : J4811-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-D-S

Quant Time: Sep 07 23:23:51 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	215263	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	770955	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	345485	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	547639	20.00	ng	0.00
75) Chrysene-d12	13.87	240	482360	20.00	ng	0.00
86) Perylene-d12	15.28	264	496857	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	559825	43.08	ng	0.00
7) Phenol-d6	6.36	99	475507	28.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1326469	107.67	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	267880	81.22	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2103181	103.85	ng	0.00
78) Terphenyl-d14	12.83	244	1617821	78.21	ng	0.00

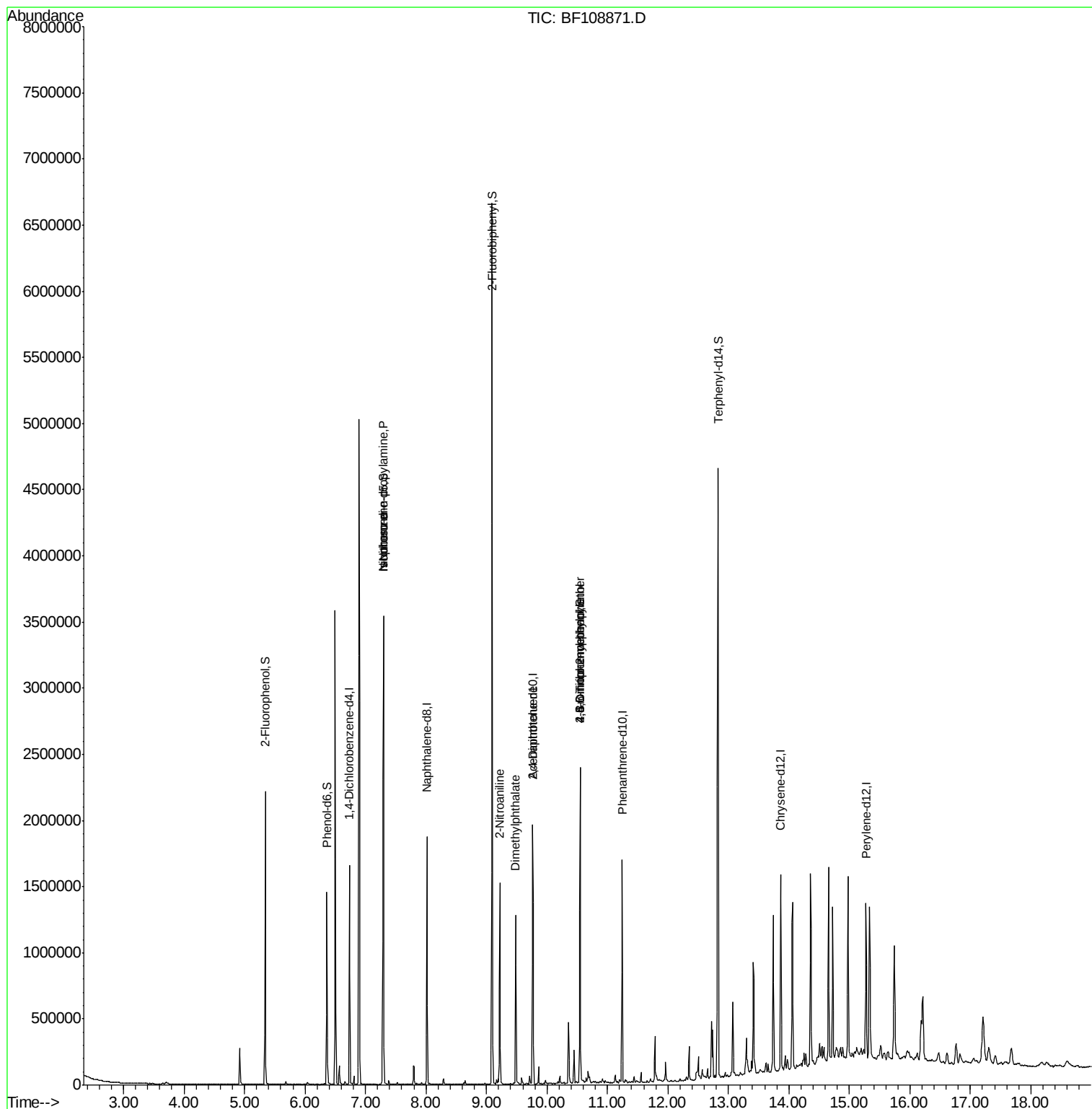
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	181219	15.594	ng	# 77
25) Isophorone	7.30	82	1320969	53.757	ng	# 64
47) 2-Nitroaniline	9.22	65	14255	2.426	ng	# 10
49) Dimethylphthalate	9.48	163	464958	19.241	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	43521	7.391	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	684	7.141	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15988	2.585	ng	# 1

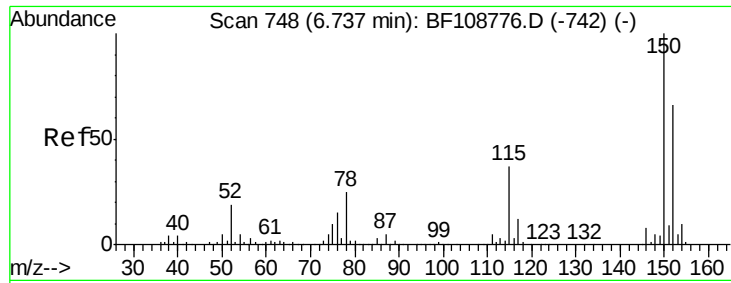
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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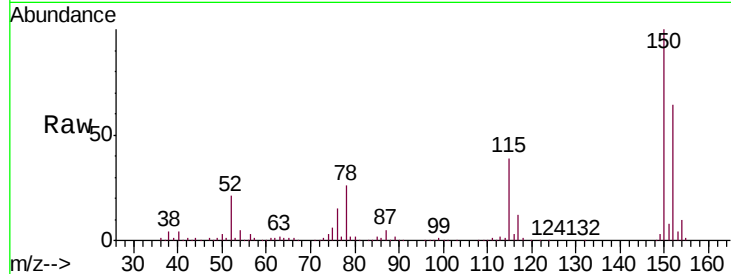


#1

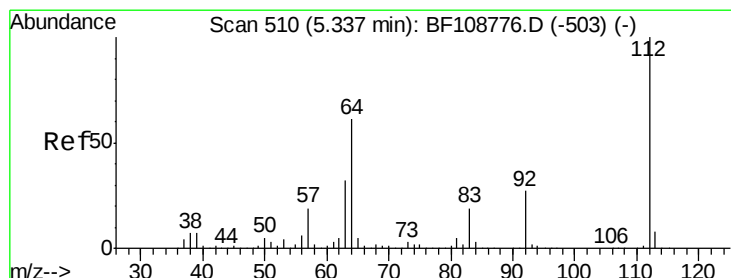
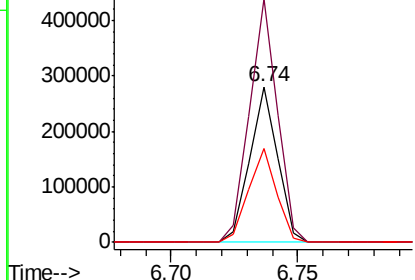
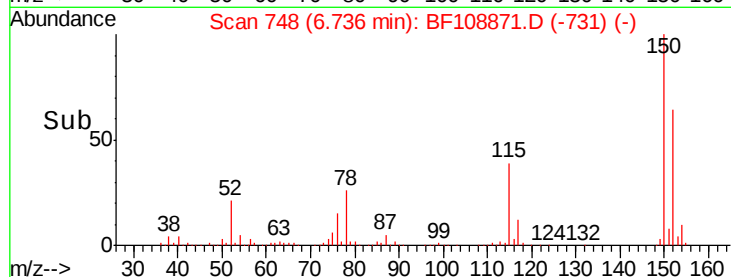
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-D-S

Tgt Ion:152 Resp: 215263
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.6 50.1 75.1



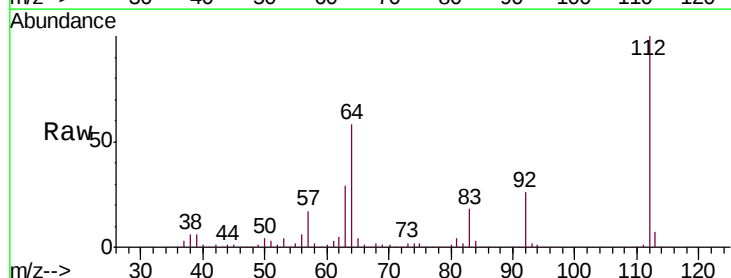
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



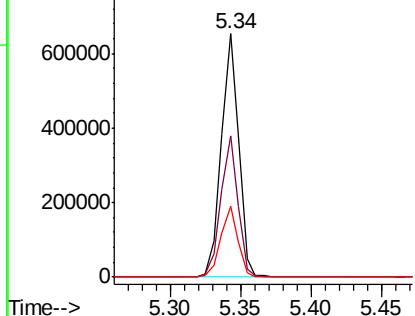
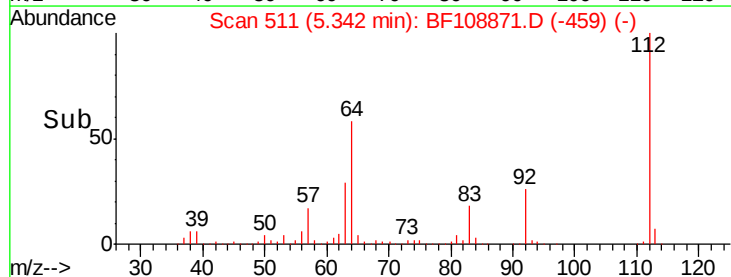
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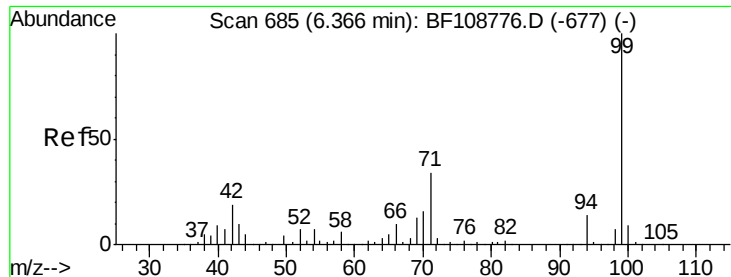
2-Fluorophenol
Concen: 43.084 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

Tgt Ion:112 Resp: 559825
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.1 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: 28.442 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-S

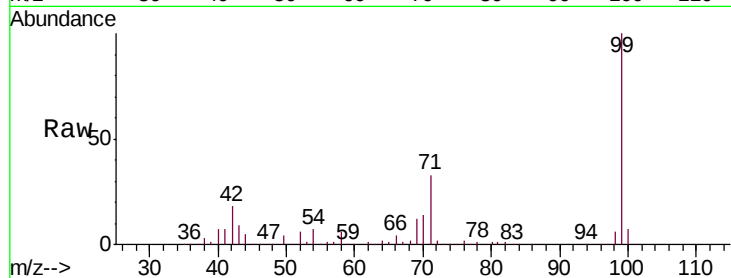
Tgt Ion: 99 Resp: 475507

Ion Ratio Lower Upper

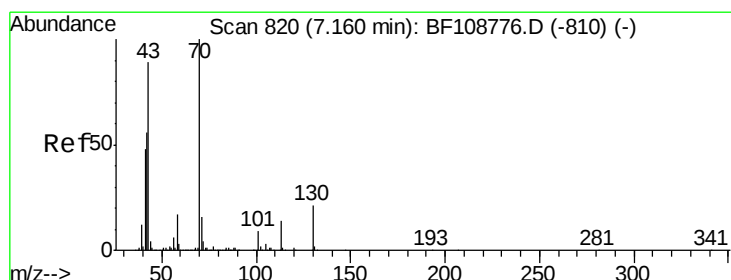
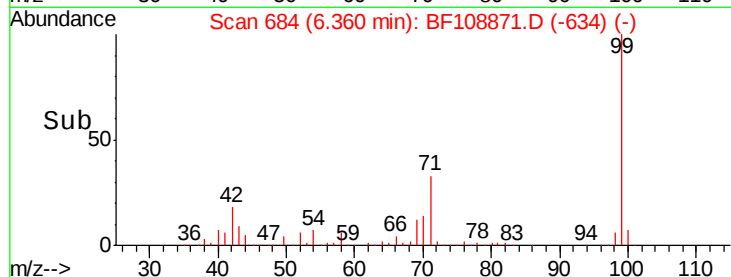
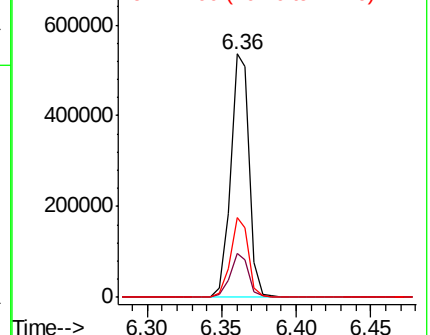
99 100

42 18.2 14.5 21.7

71 32.6 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: 15.594 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

Tgt Ion: 70 Resp: 181219

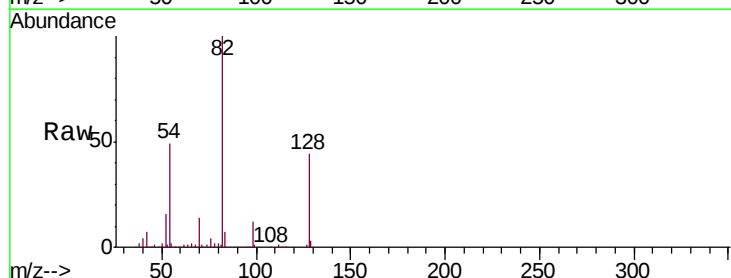
Ion Ratio Lower Upper

70 100

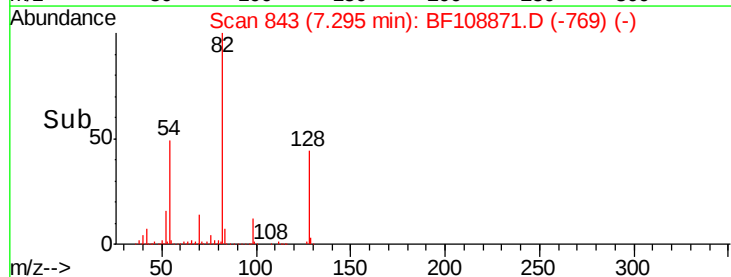
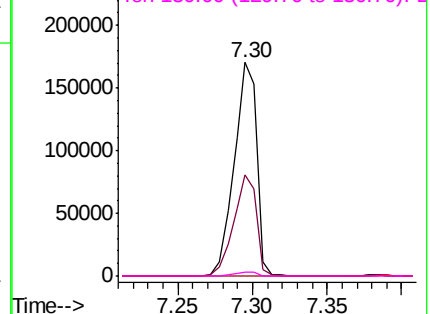
42 47.4 47.5 71.3#

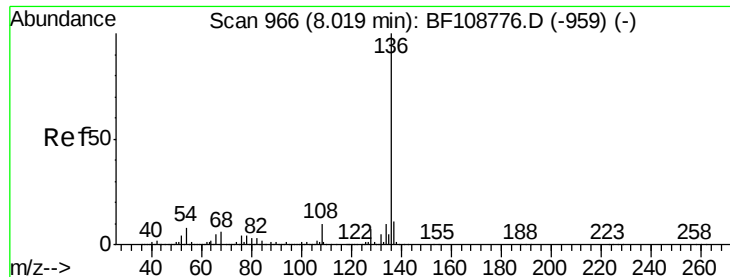
101 0.0 7.4 11.2#

130 1.8 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

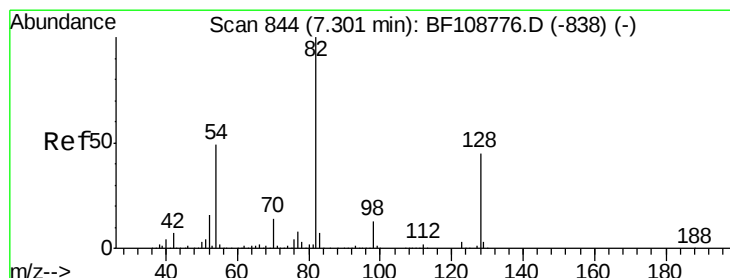
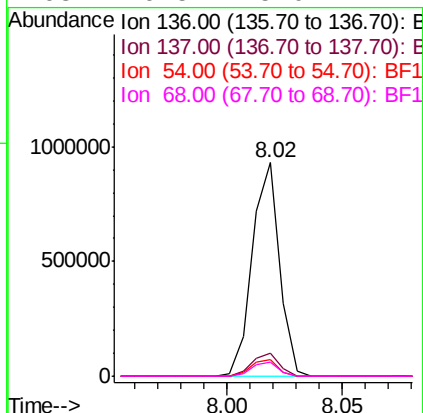
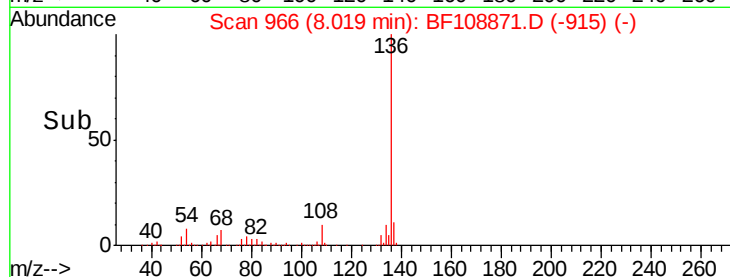
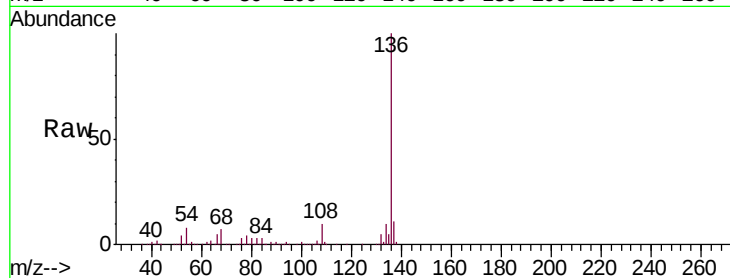




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

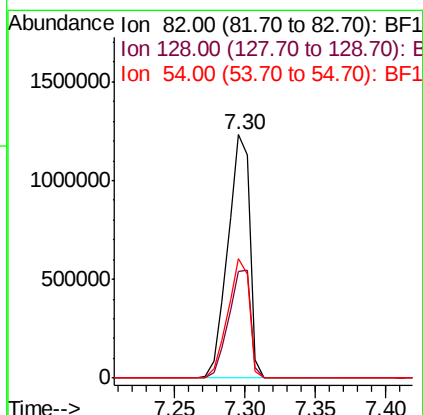
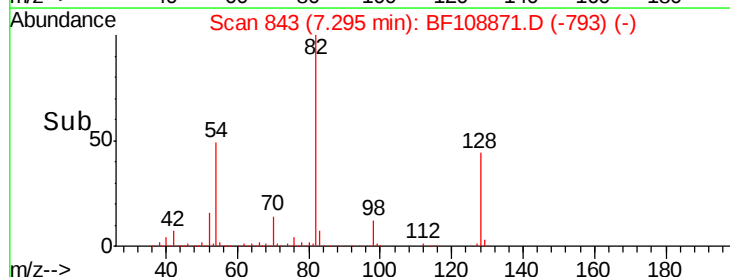
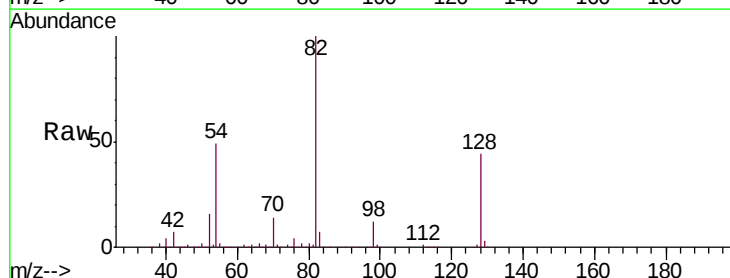
Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-D-S

Tgt Ion:	136	Resp:	770955
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 107.674 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

Tgt Ion:	82	Resp:	1326469
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	48.9	41.4	62.2





#25

Isophorone

Concen: 53.757 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-S

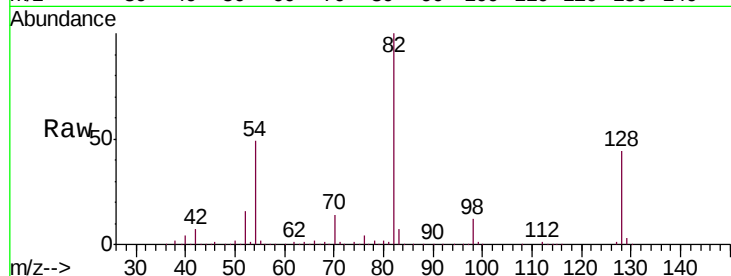
Tgt Ion: 82 Resp: 1320969

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

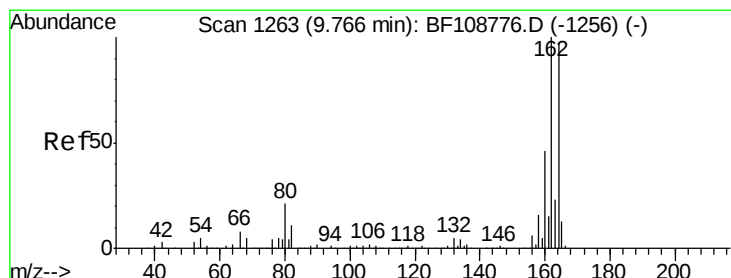
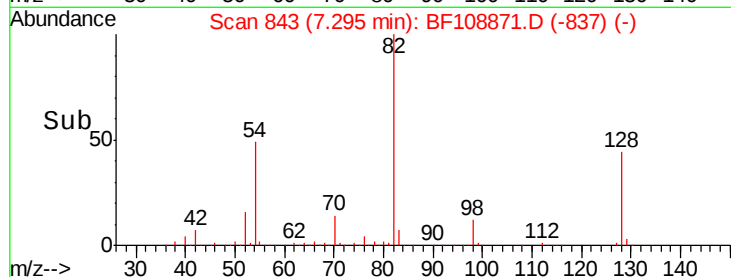
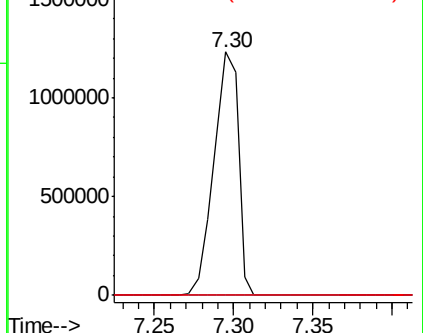
138 0.0 14.9 22.3#



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: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

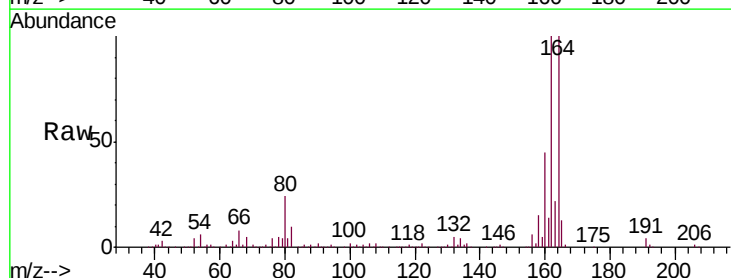
Tgt Ion: 164 Resp: 345485

Ion Ratio Lower Upper

164 100

162 100.3 86.1 129.1

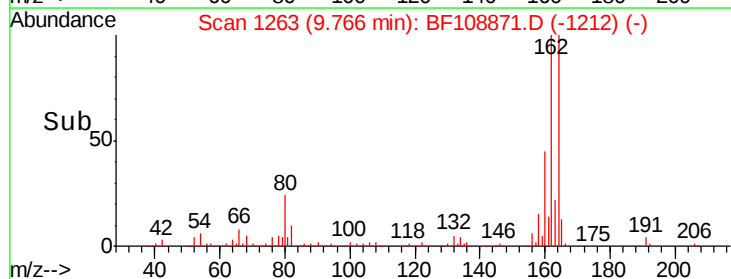
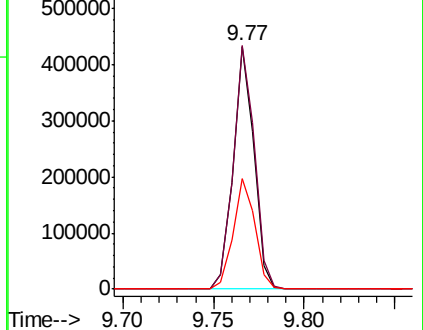
160 45.4 38.3 57.5



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

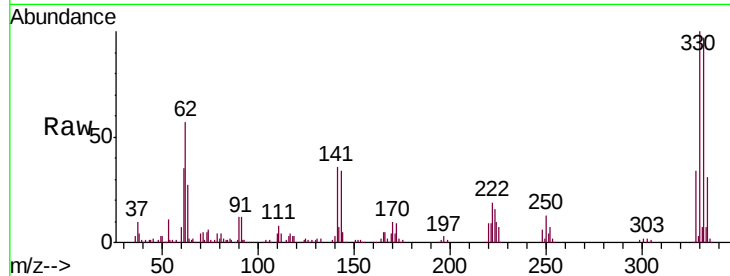




#41
 2,4,6-Tribromophenol
 Concen: 81.221 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Instrument :
 BNA_F
 ClientSampleId :
 090518-DBRI-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.5	29.9	44.9

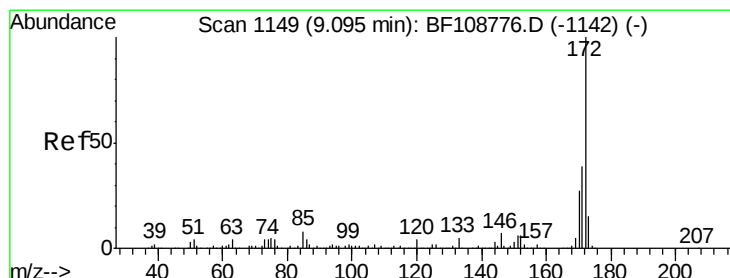
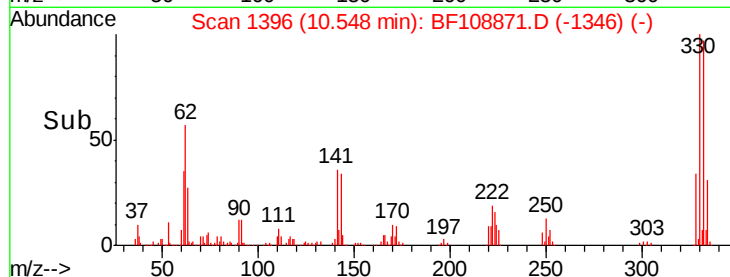
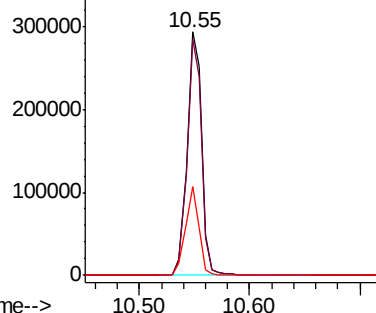


Abundance

Ion 329.80 (329.50 to 330.50): E

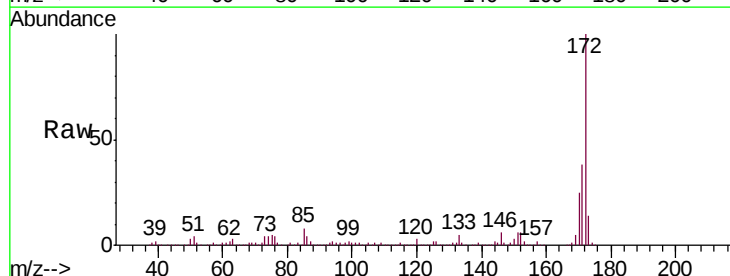
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.854 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.5	19.6	29.4

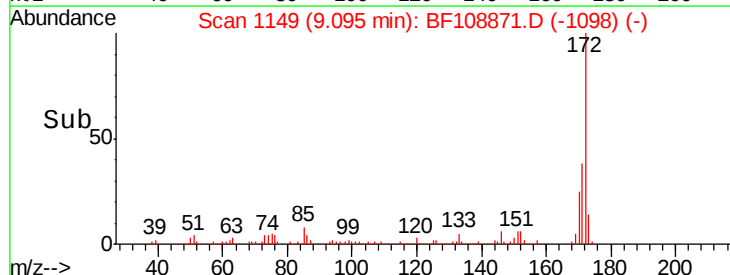
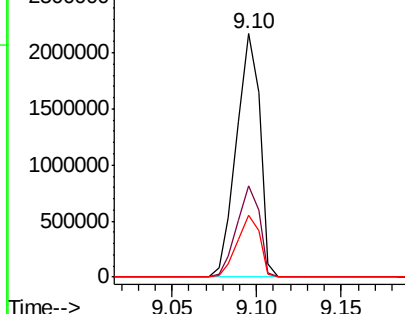


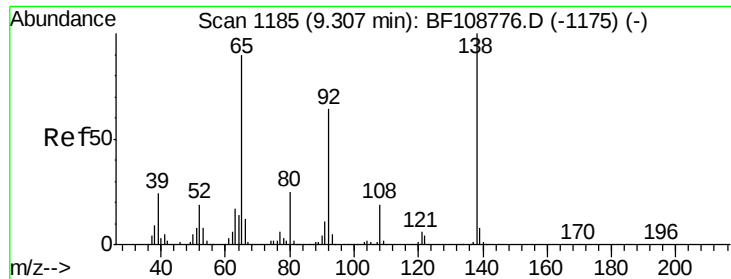
Abundance

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

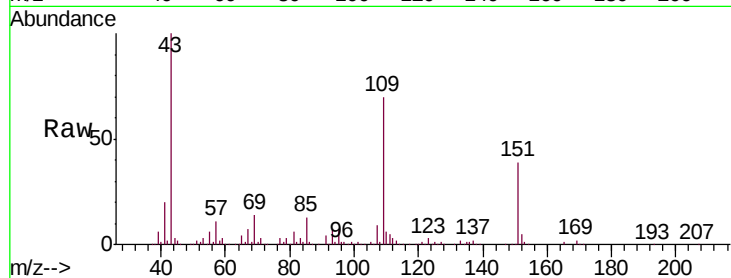




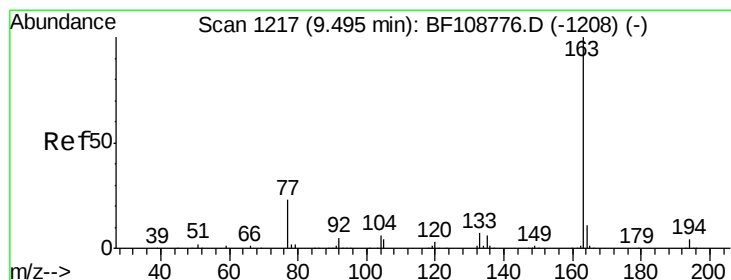
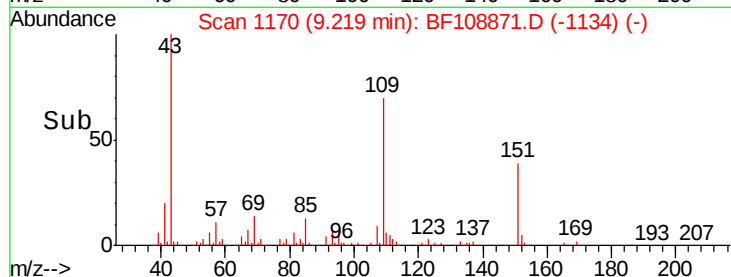
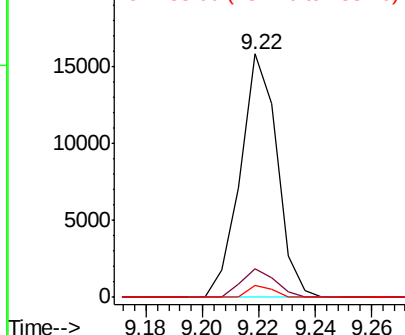
#47
2-Nitroaniline
Concen: 2.426 ng
RT: 9.22 min Scan# 1170
Delta R.T. -0.09 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-D-S

Tgt Ion: 65 Resp: 14255
Ion Ratio Lower Upper
65 100
92 11.5 55.8 83.6#
138 4.8 91.2 136.8#

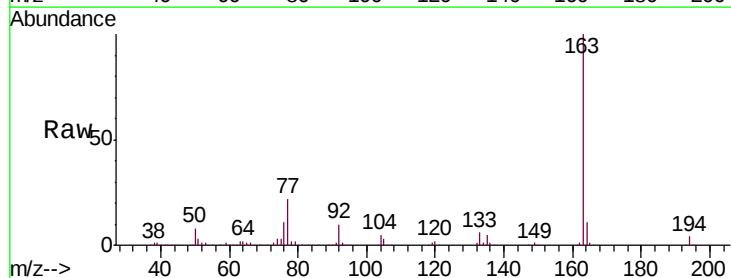


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

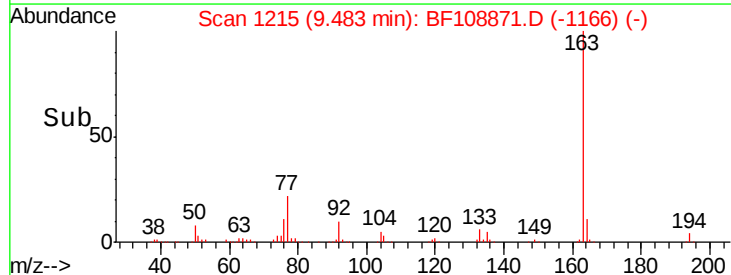
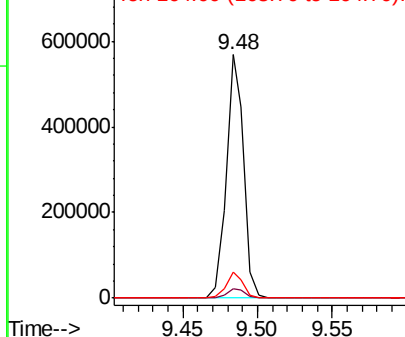


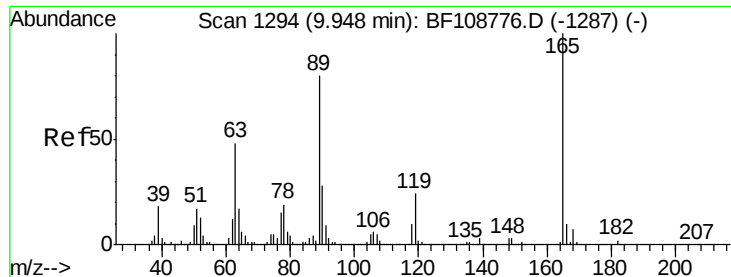
#49
Dimethylphthalate
Concen: 19.241 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

Tgt Ion: 163 Resp: 464958
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.7 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

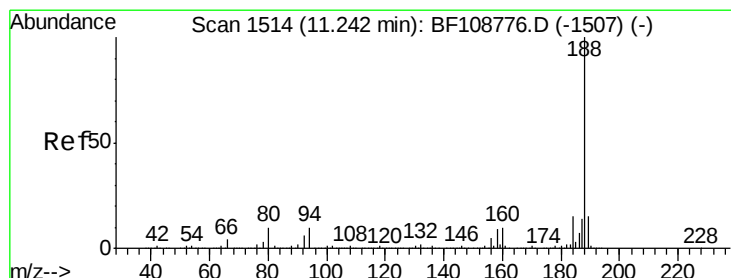
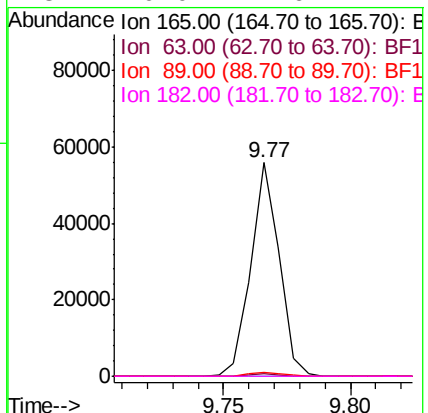
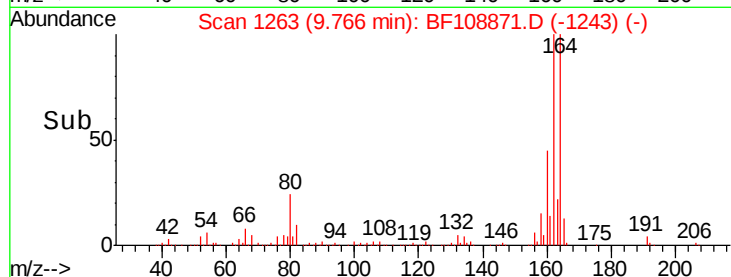
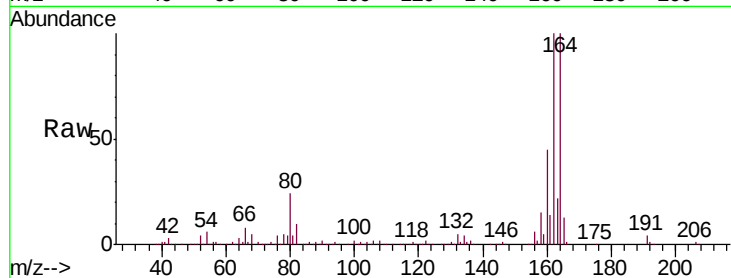




#56
 2,4-Dinitrotoluene
 Concen: 7.391 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

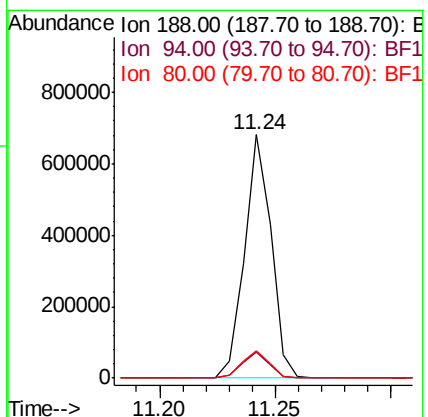
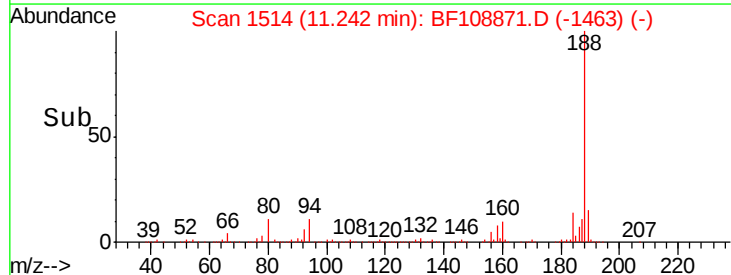
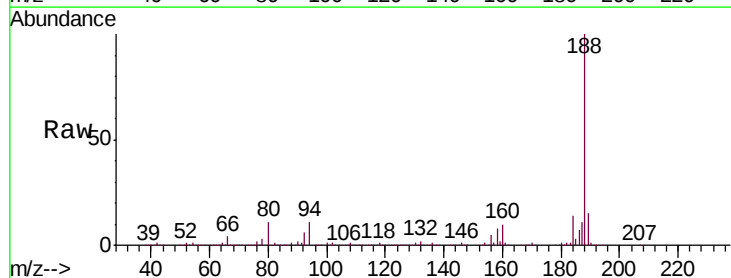
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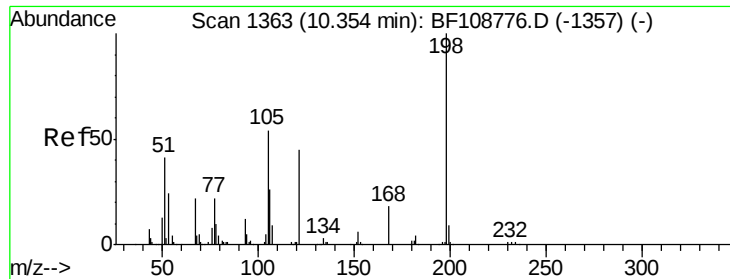
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8

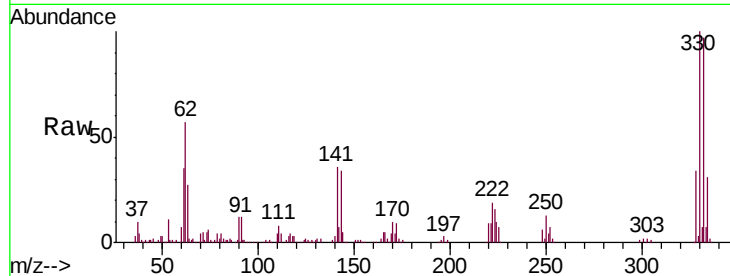




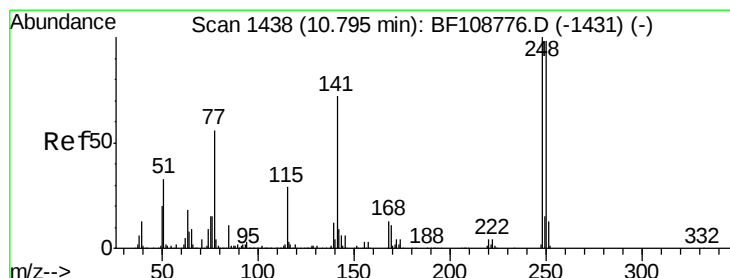
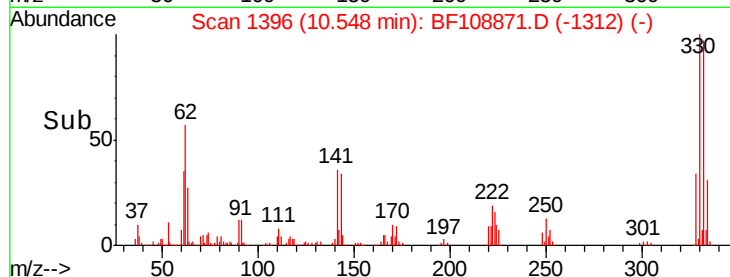
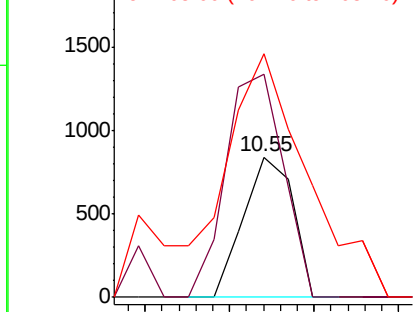
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.141 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Instrument :
 BNA_F
 ClientSampleId :
 090518-DBRI-E-D-S

Tgt Ion:198 Resp: 684
 Ion Ratio Lower Upper
 198 100
 51 159.4 37.7 77.7#
 105 173.7 36.3 76.3#

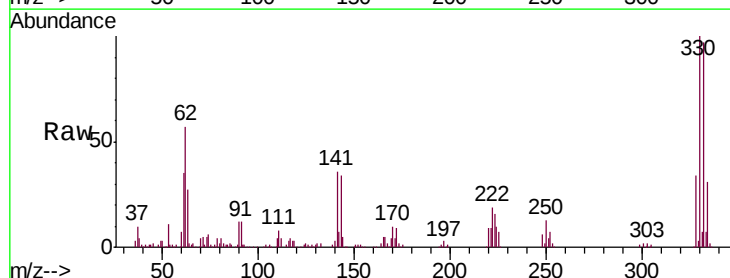


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

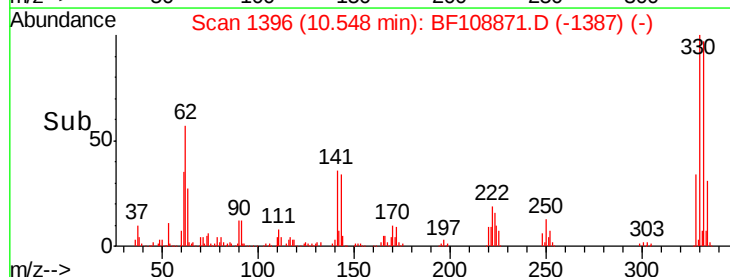
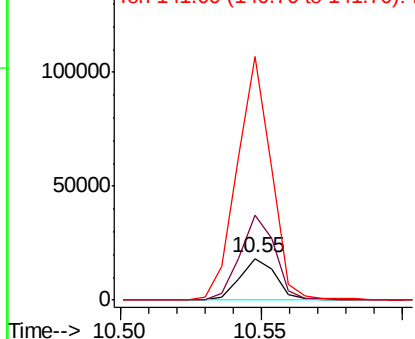


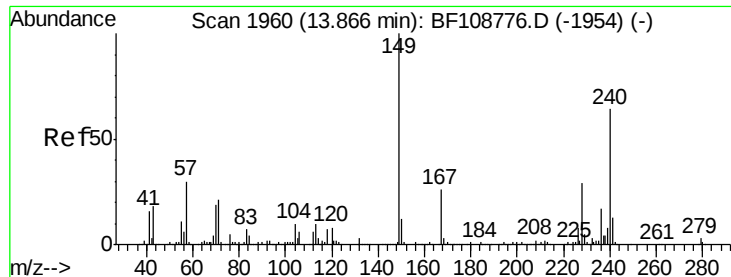
#66
 4-Bromophenyl-phenylether
 Concen: 2.585 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Tgt Ion:248 Resp: 15988
 Ion Ratio Lower Upper
 248 100
 250 201.3 76.9 115.3#
 141 579.5 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# 1960

Delta R.T. -0.00 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-S

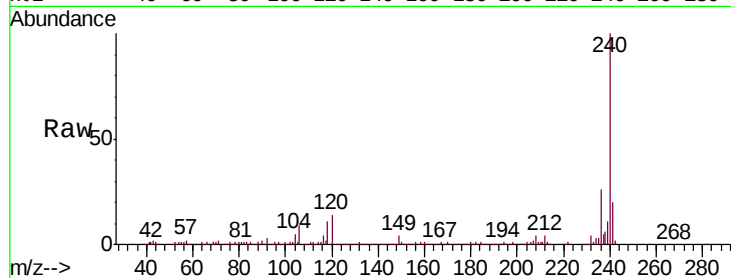
Tgt Ion:240 Resp: 482360

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

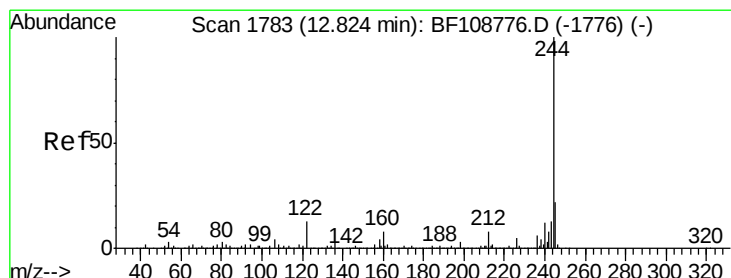
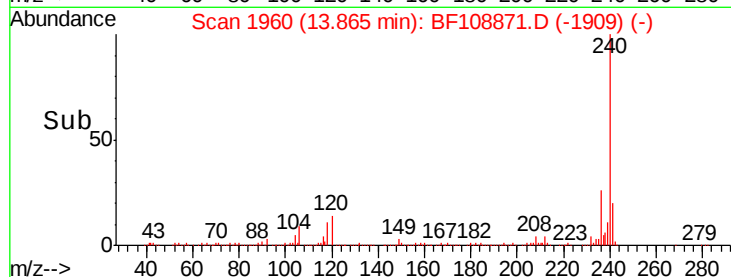
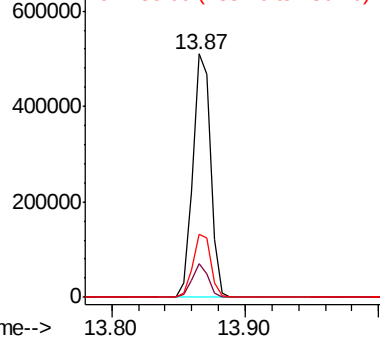
236 25.9 20.7 31.1



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: 78.211 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

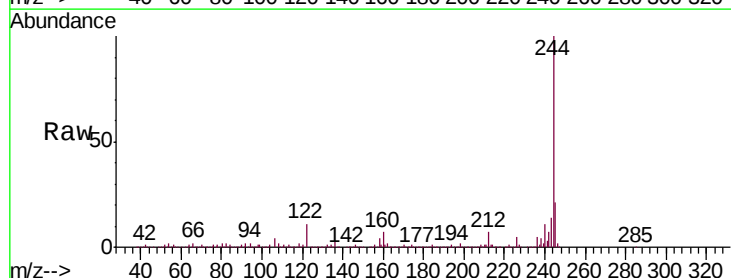
Tgt Ion:244 Resp: 1617821

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

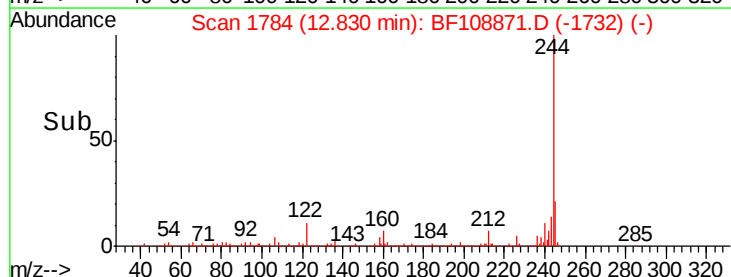
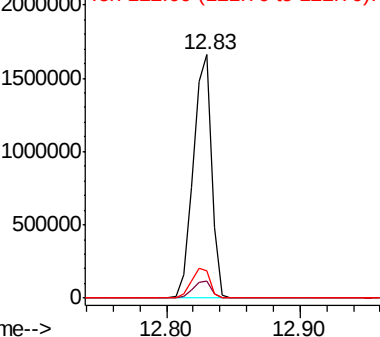
122 11.3 11.0 16.4

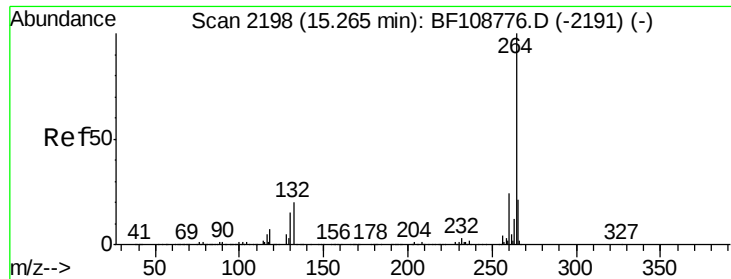


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108871.D
Acq: 7 Sep 2018 20:00

Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3

