

Data File : BF109362.D
Acq On : 27 Sep 2018 3:10
Operator : JU/SJ
Sample : J5053-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Quant Time: Sep 27 05:43:04 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	89392	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	318900	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	134958	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	256546	20.00	ng	0.00
75) Chrysene-d12	13.84	240	283902	20.00	ng	0.00
86) Perylene-d12	15.24	264	251127	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	300825	55.43	ng	0.00
7) Phenol-d6	6.34	99	295169	42.62	ng	-0.02
23) Nitrobenzene-d5	7.27	82	458184	84.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	165376	124.30	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	782343	87.43	ng	-0.01
78) Terphenyl-d14	12.80	244	837970	72.44	ng	0.00

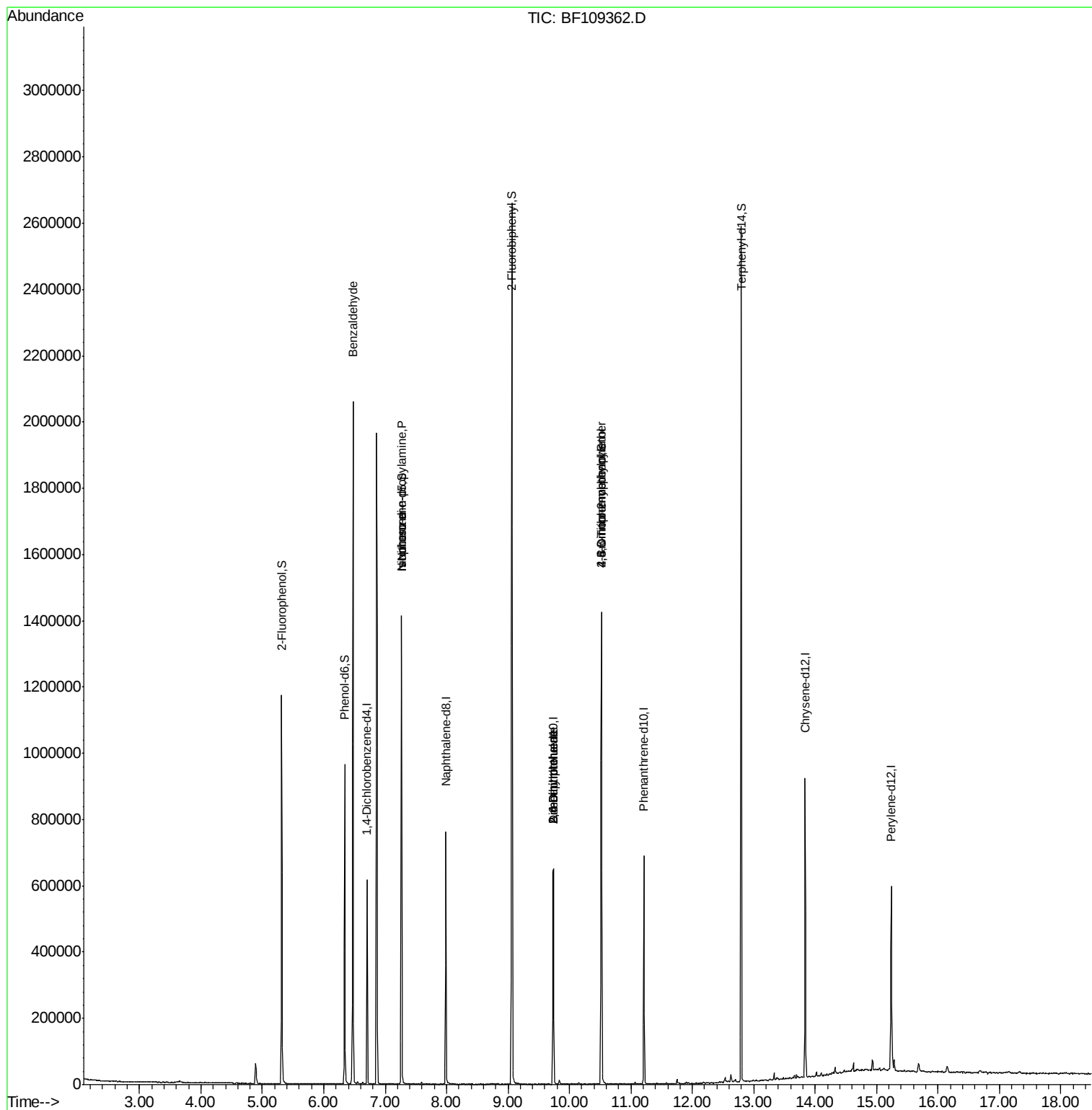
Target Compounds				Qvalue		
9) Benzaldehyde	6.47	77	12038	2.706	ng	# 76
19) n-Nitroso-di-n-propylamine	7.27	70	60942	13.429	ng	# 78
25) Isophorone	7.27	82	437741	44.998	ng	# 64
49) Dimethylphthalate	9.74	163	38873	3.960	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	17076	8.784	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	17076	6.942	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	300	6.772	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9909	3.478	ng	# 1

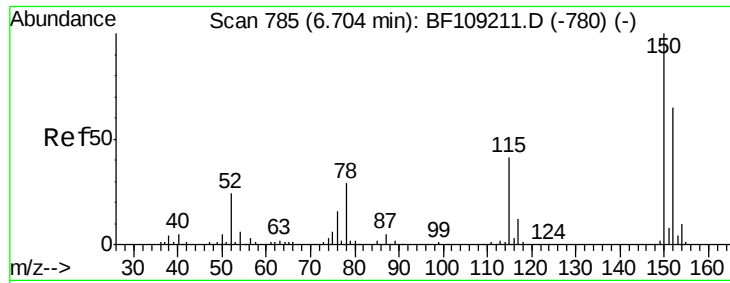
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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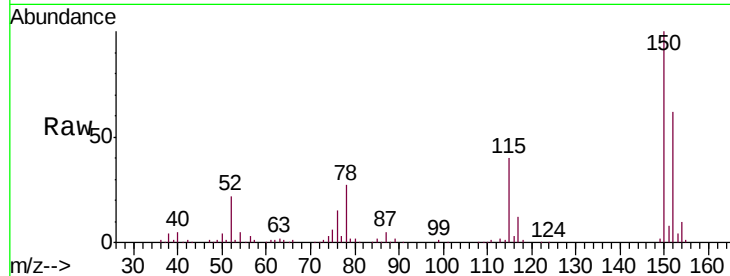




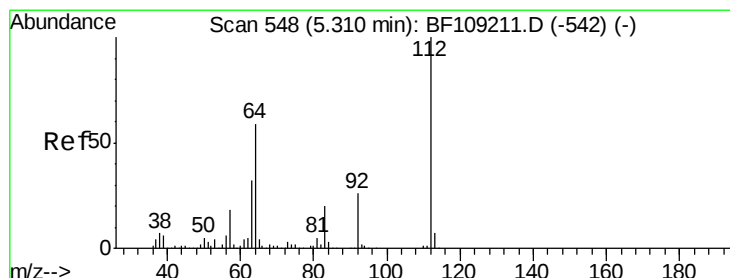
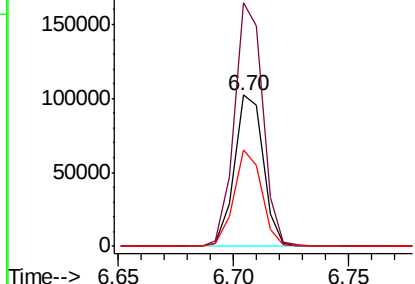
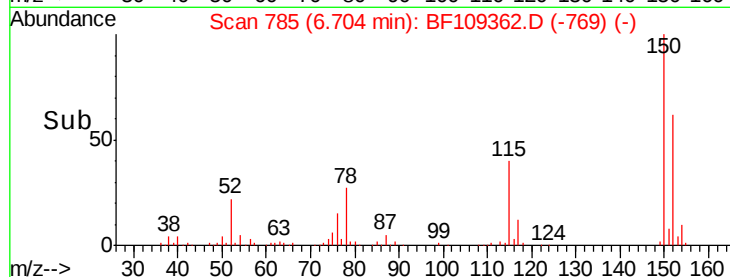
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW11-GW

Tgt Ion:152 Resp: 89392
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.6 186.8
 115 63.7 50.1 75.1

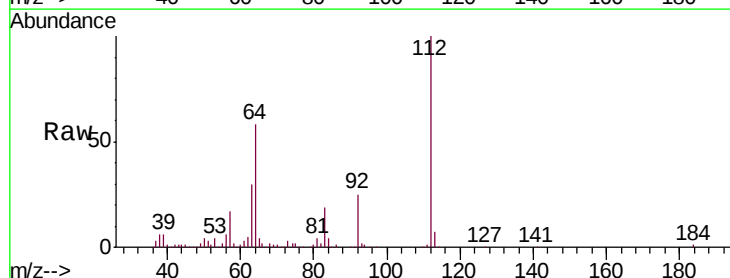


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

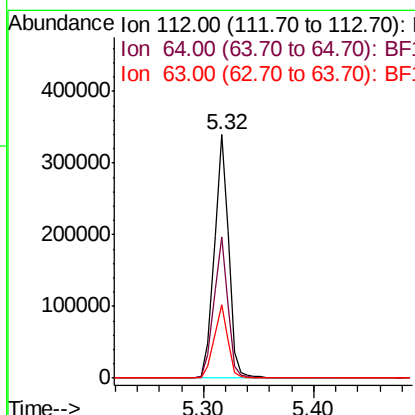
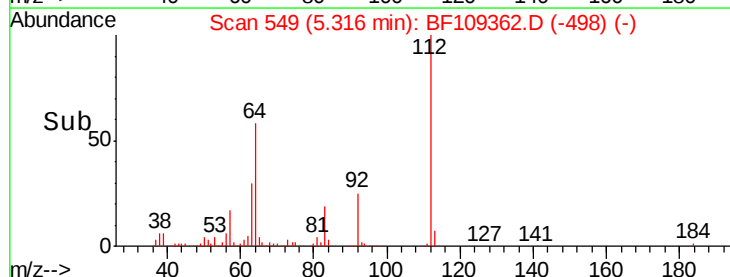


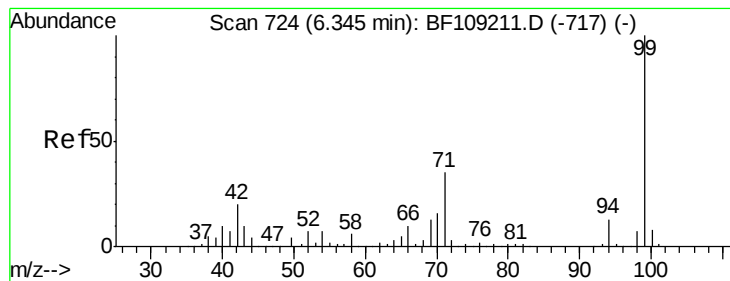
#5
 2-Fluorophenol
 Concen: 55.428 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Tgt Ion:112 Resp: 300825
 Ion Ratio Lower Upper
 112 100
 64 57.8 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: 42.621 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW11-GW

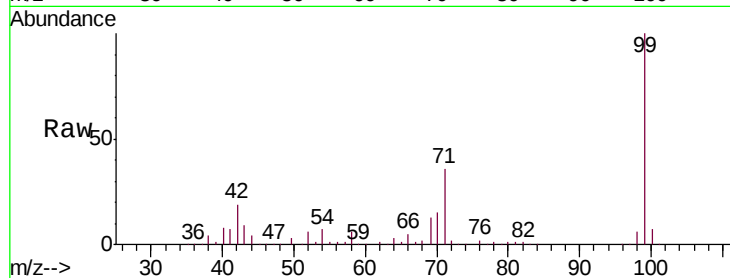
Tgt Ion: 99 Resp: 295169

Ion Ratio Lower Upper

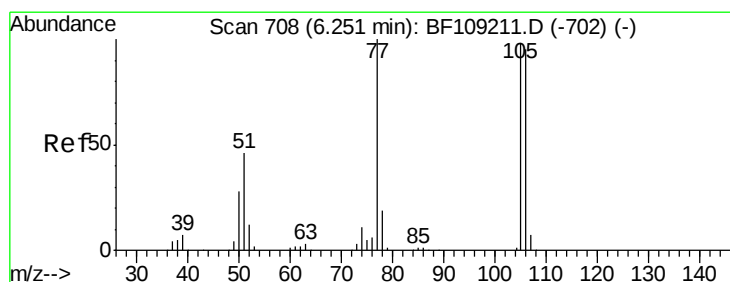
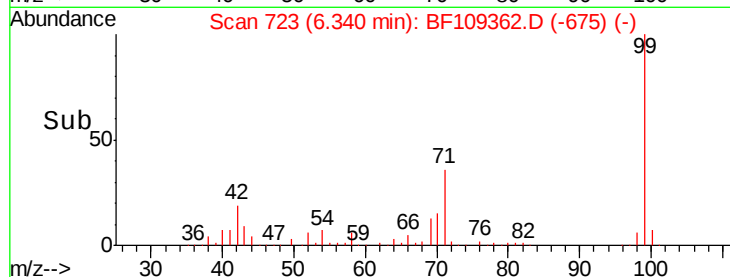
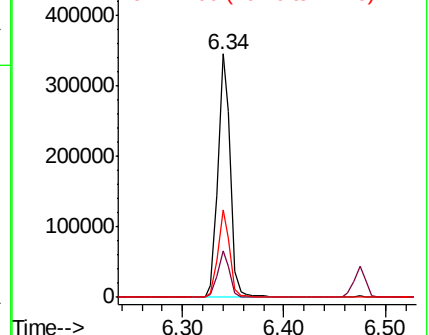
99 100

42 19.2 14.5 21.7

71 35.9 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: 2.706 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

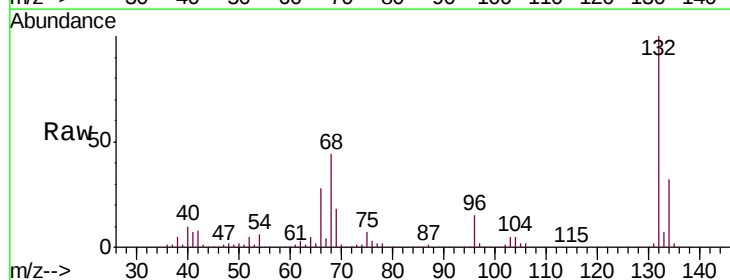
Tgt Ion: 77 Resp: 12038

Ion Ratio Lower Upper

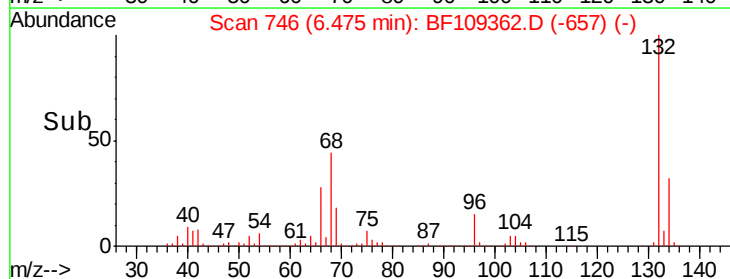
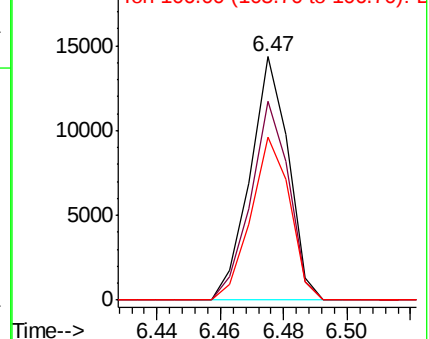
77 100

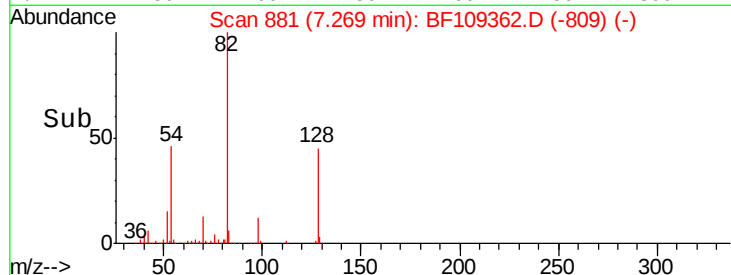
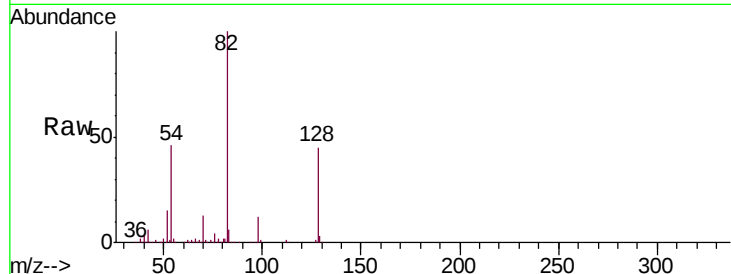
105 81.8 81.1 121.1

106 67.1 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

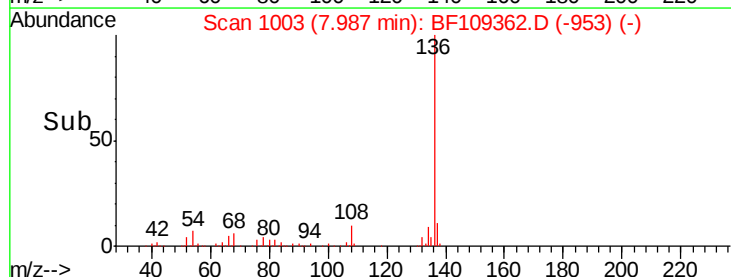
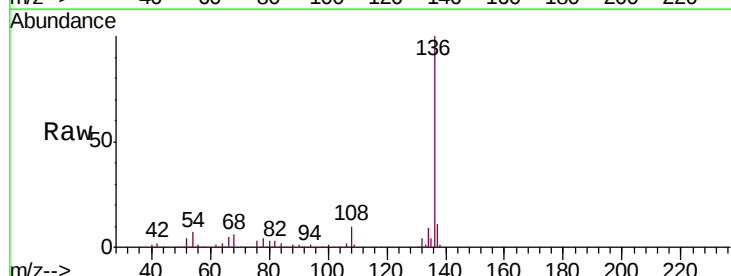
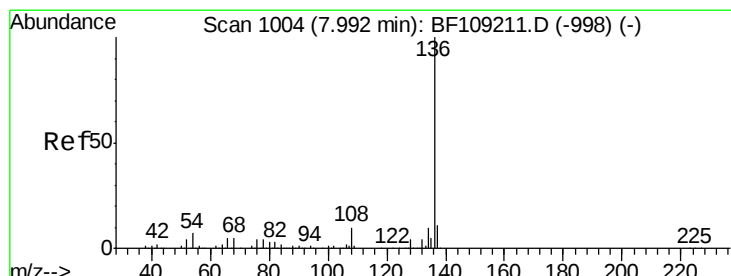
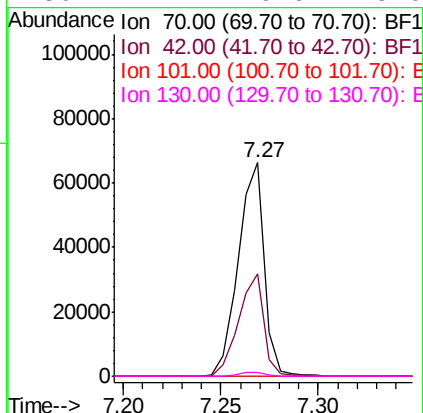




#19
n-Nitroso-di-n-propylamine
Concen: 13.429 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

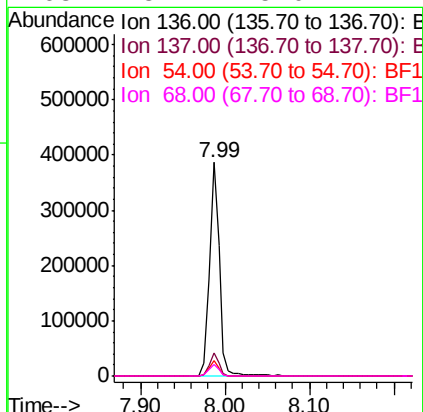
Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:	70	Resp:	60942
Ion	Ratio	Lower	Upper
70	100		
42	48.2	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: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion:	136	Resp:	318900
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4

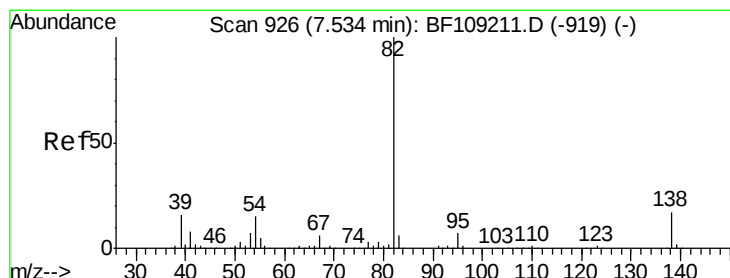
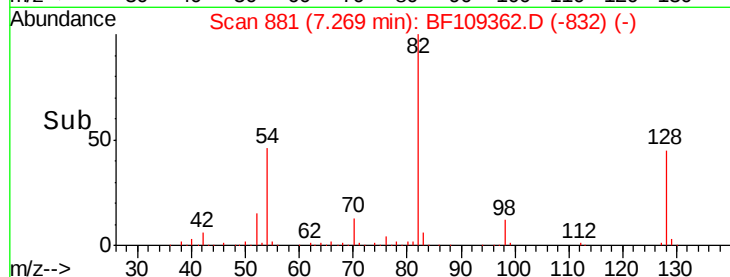
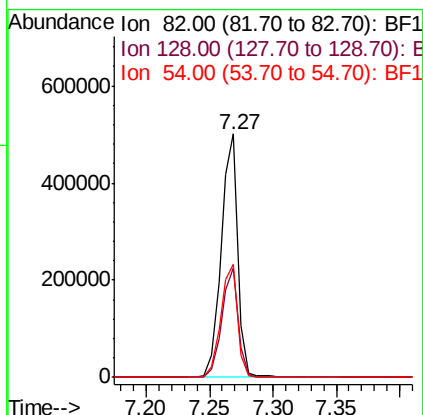
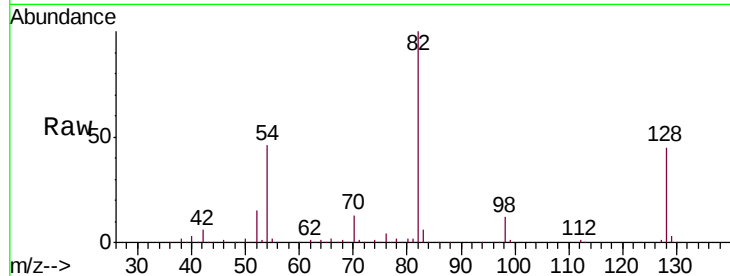




#23
Nitrobenzene-d5
Concen: 84.814 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

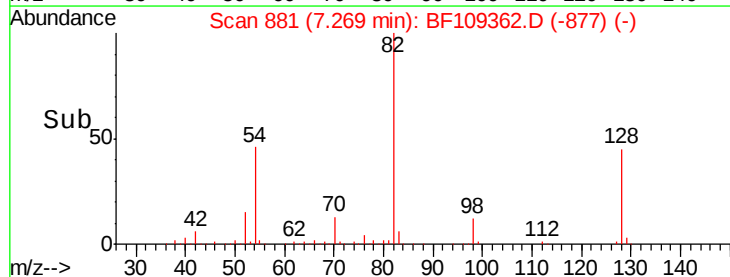
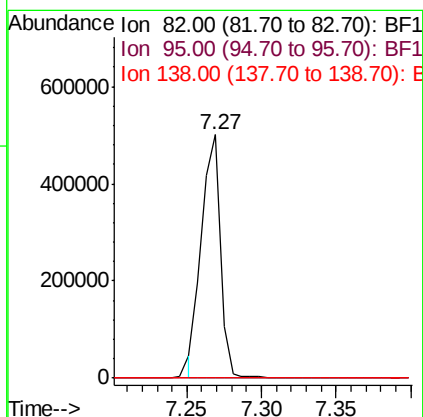
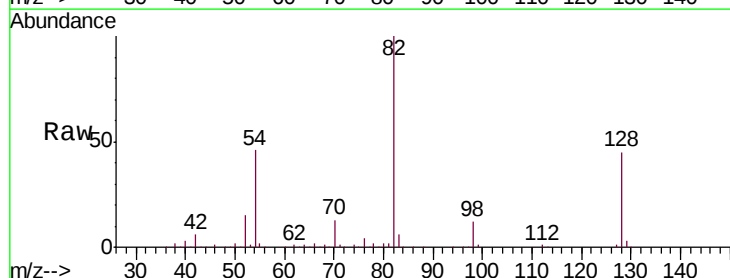
Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

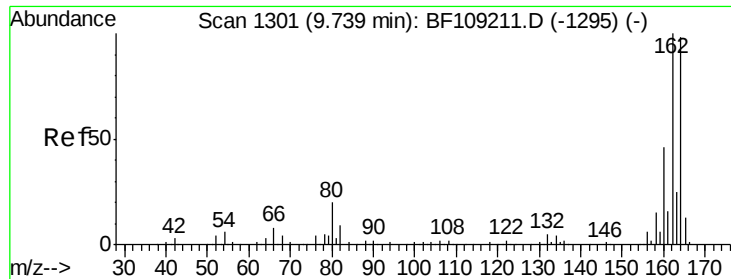
Tgt Ion: 82 Resp: 458184
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 46.5 41.4 62.2



#25
Isophorone
Concen: 44.998 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion: 82 Resp: 437741
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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW11-GW

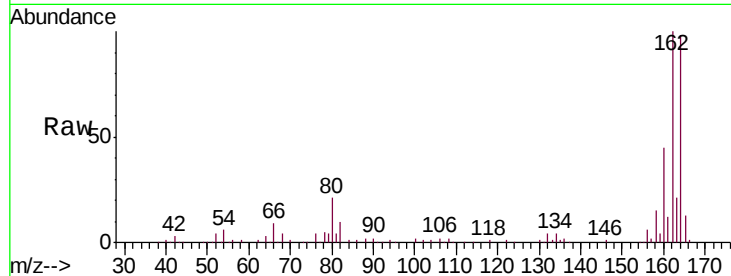
Tgt Ion:164 Resp: 134958

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

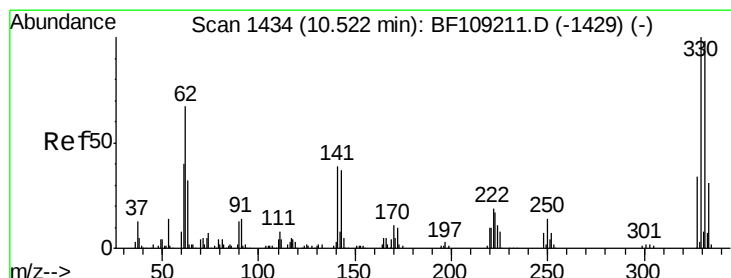
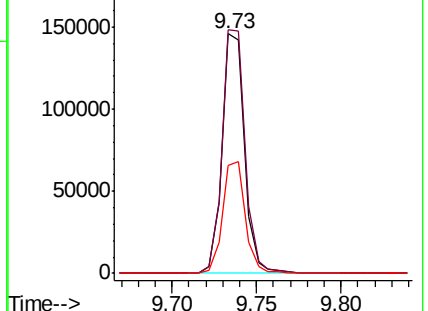
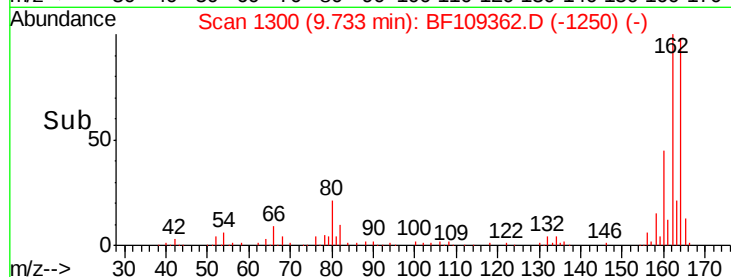
160 45.4 38.3 57.5



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: 124.305 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

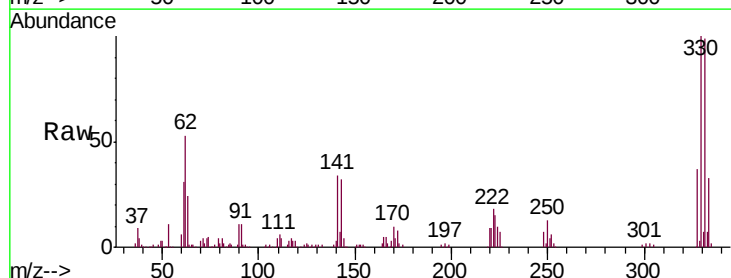
Tgt Ion:330 Resp: 165376

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

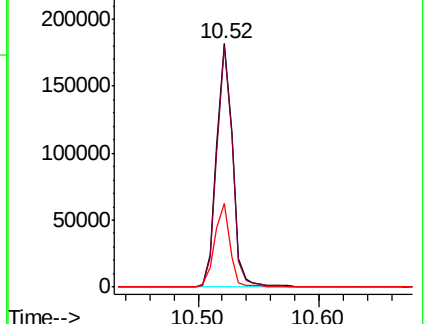
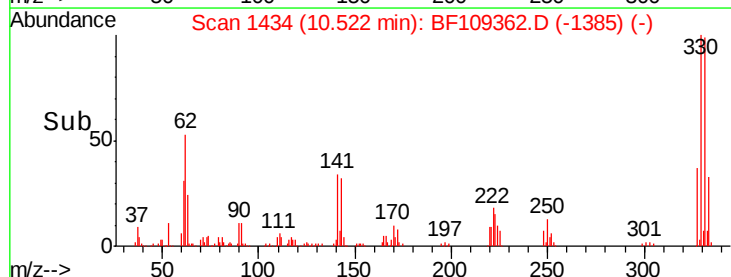
141 32.7 29.9 44.9



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

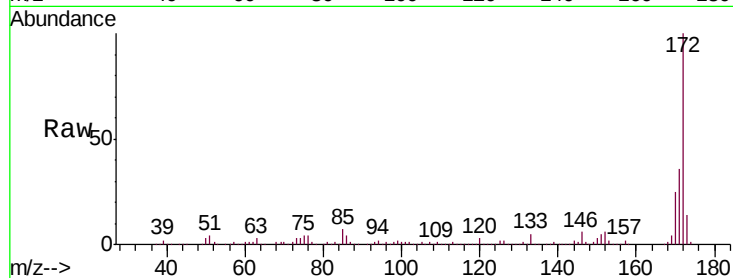




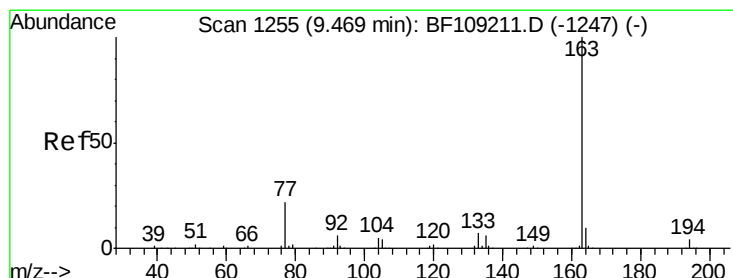
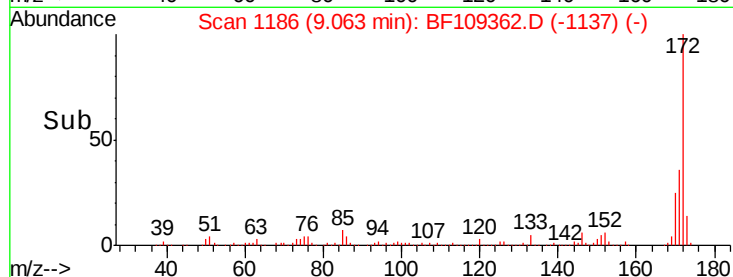
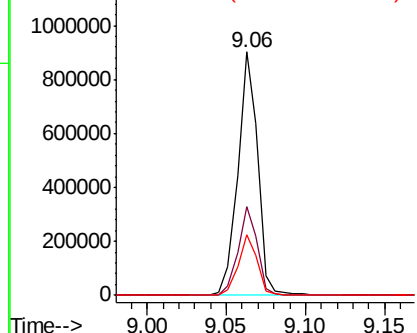
#44
2-Fluorobiphenyl
Concen: 87.429 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion:172 Resp: 782343
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.7 19.6 29.4

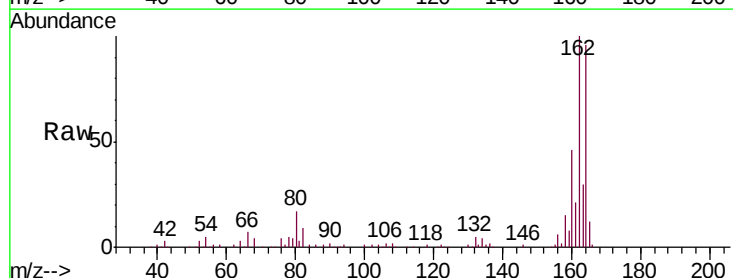


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

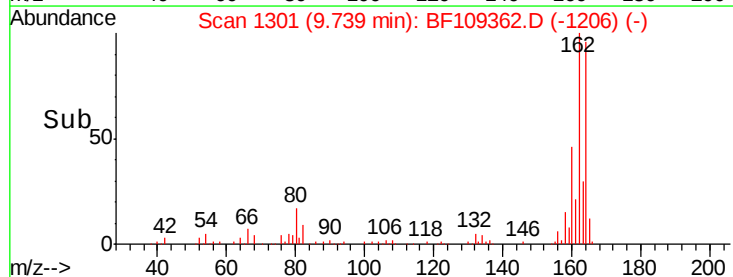
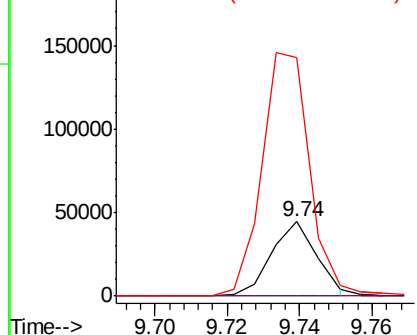


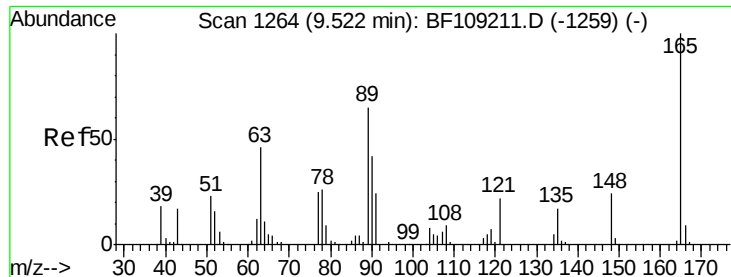
#49
Dimethylphthalate
Concen: 3.960 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.26 min
Lab File: BF109362.D
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Tgt Ion:163 Resp: 38873
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 320.8 8.2 12.2#



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

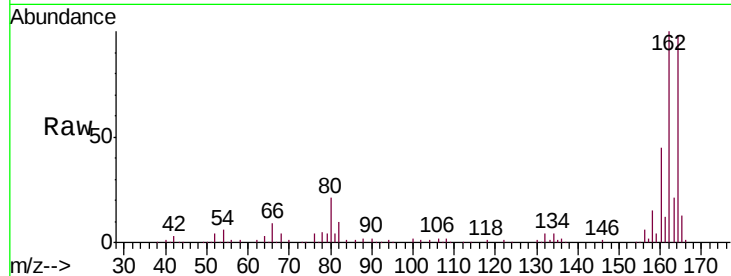




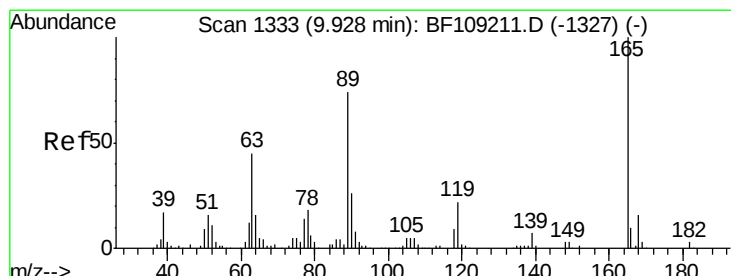
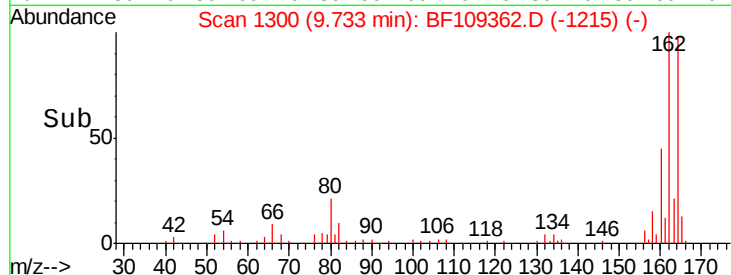
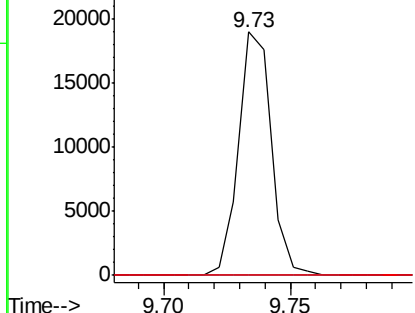
#50
 2,6-Dinitrotoluene
 Concen: 8.784 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW11-GW

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

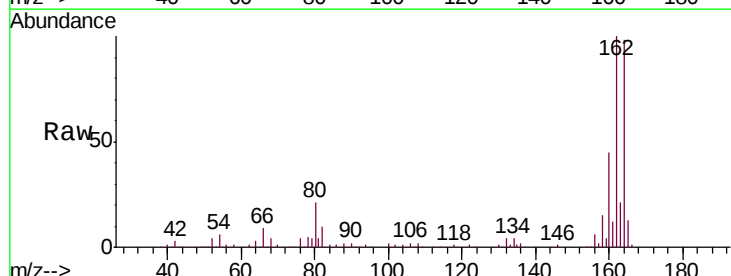


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

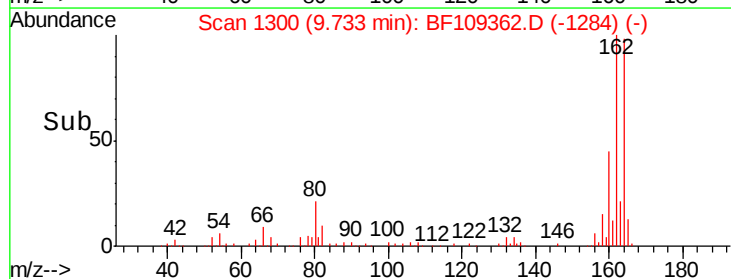
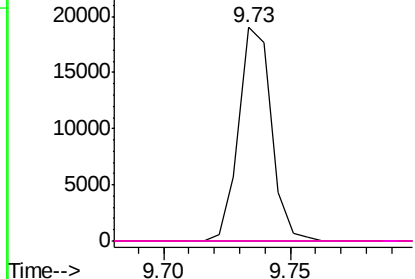


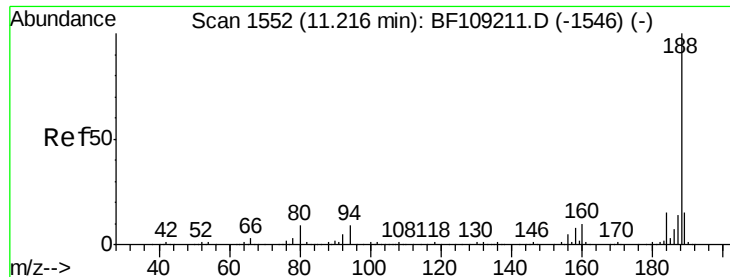
#56
 2,4-Dinitrotoluene
 Concen: 6.942 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109362.D
 Acq: 27 Sep 2018 3:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	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

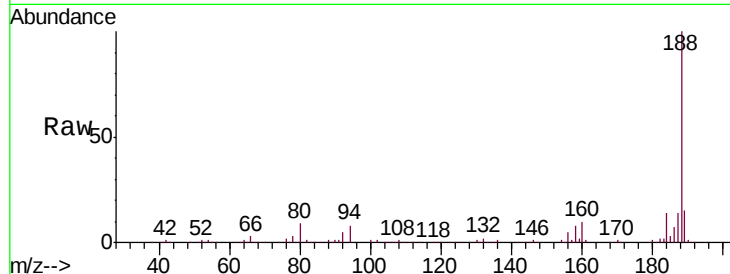




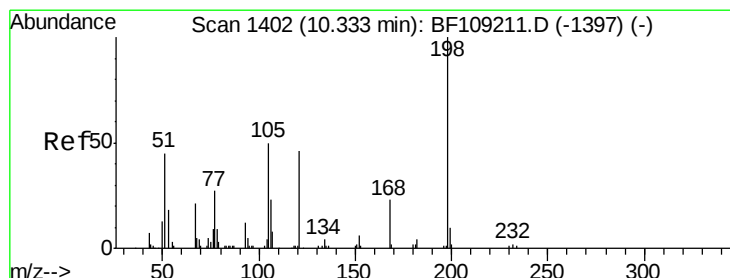
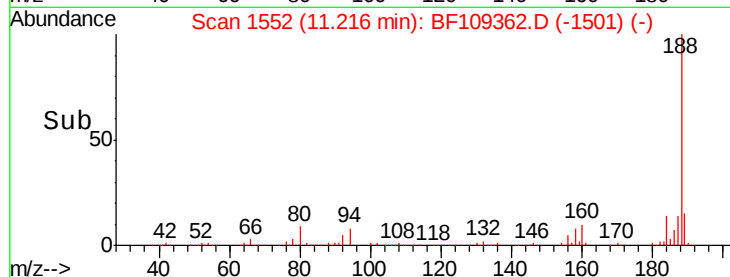
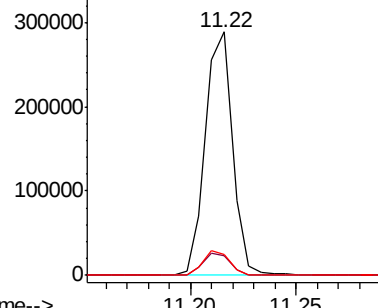
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	256546		
94	8.3		8.5	12.7#
80	8.6		9.2	13.8#

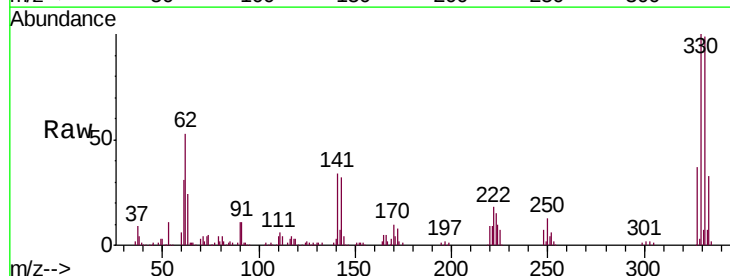


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

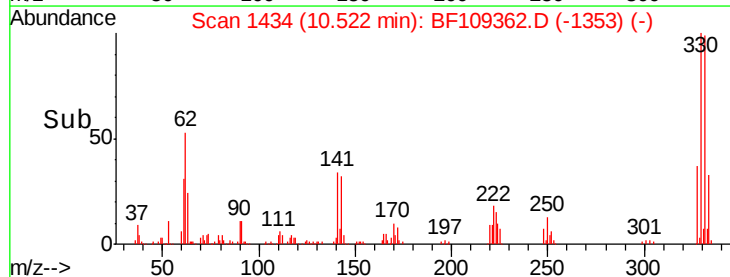
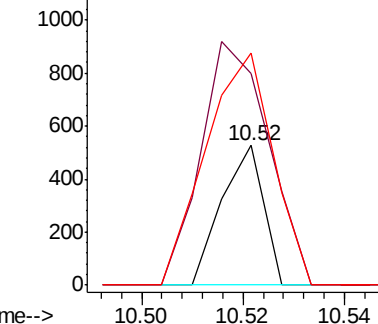


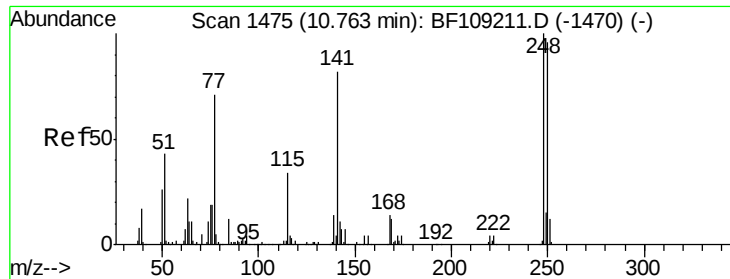
#64
4,6-Dinitro-2-methylphenol
Concen: 6.772 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	300		
51	151.9		37.7	77.7#
105	166.9		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

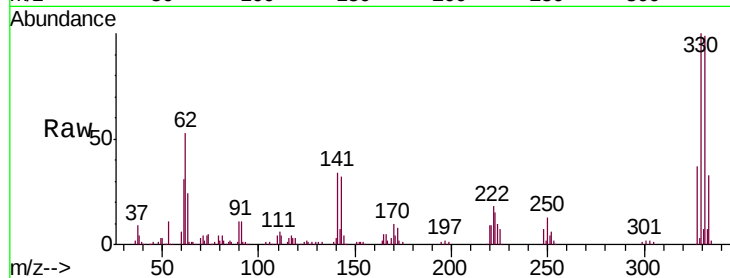




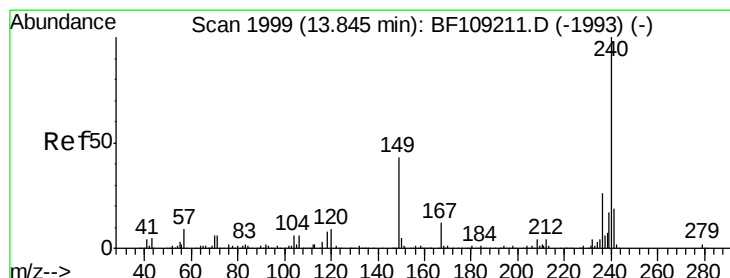
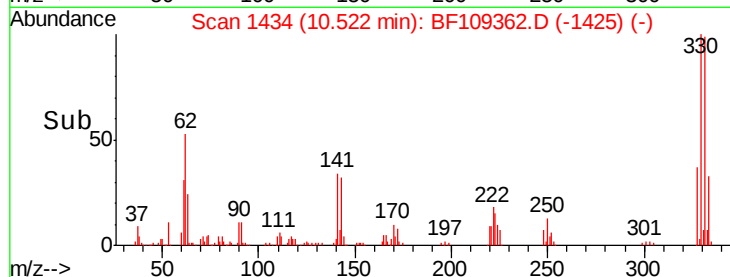
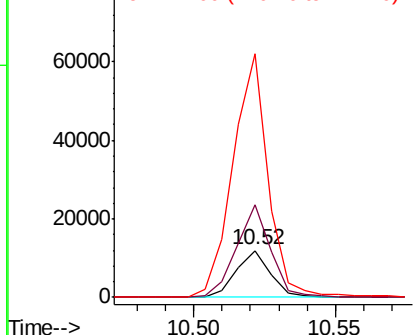
#66
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW11-GW

Tgt Ion: 248 Resp: 9909
Ion Ratio Lower Upper
248 100
250 197.7 76.9 115.3#
141 523.3 74.4 111.6#

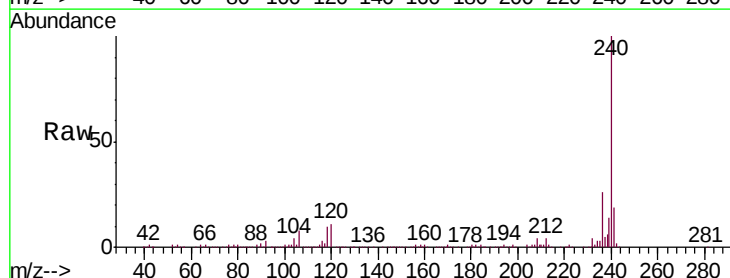


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

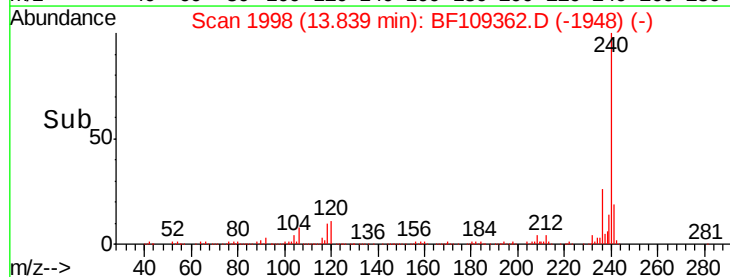
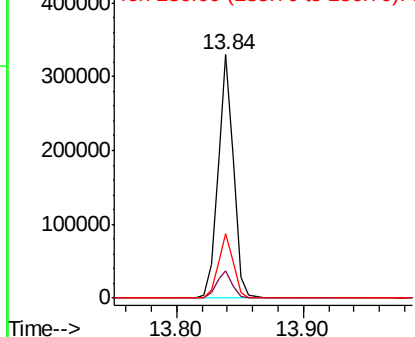


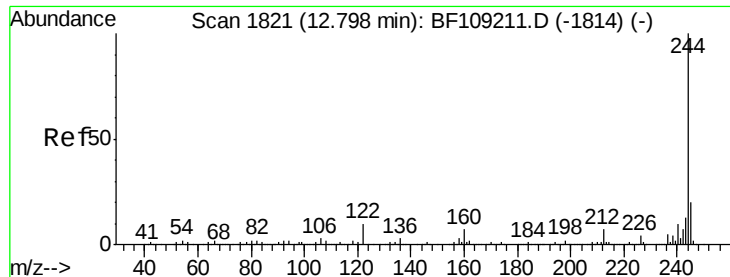
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109362.D
Acq: 27 Sep 2018 3:10

Tgt Ion: 240 Resp: 283902
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.3 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: 72.438 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW11-GW

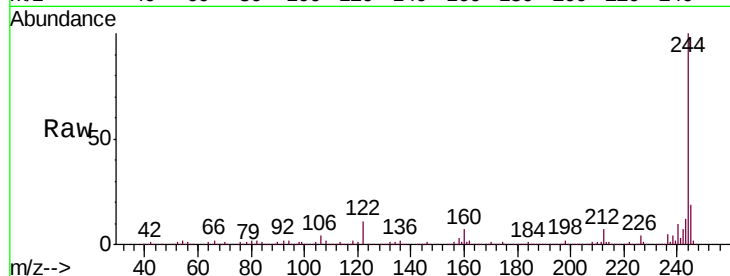
Tgt Ion:244 Resp: 837970

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

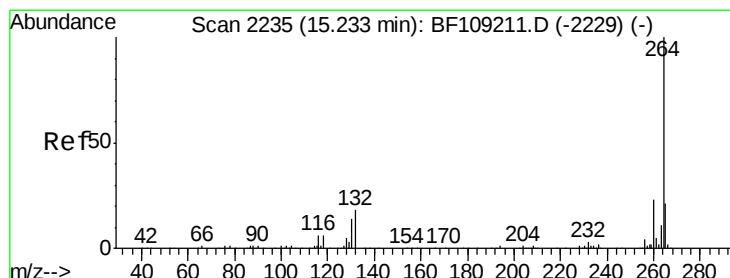
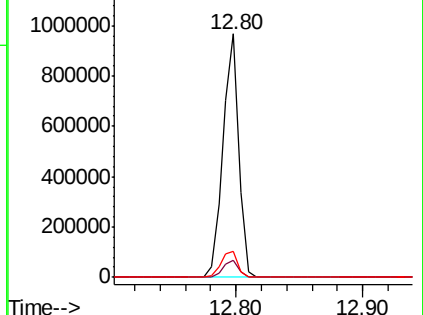
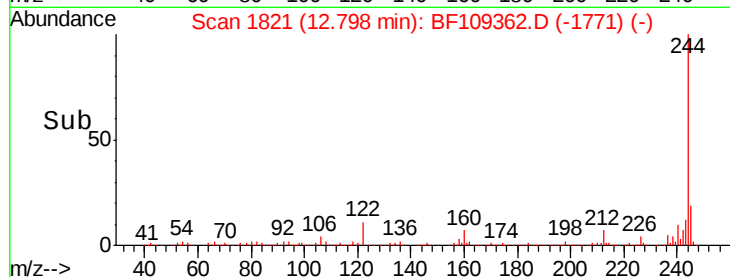
122 10.5 11.0 16.4#



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# 2236

Delta R.T. 0.00 min

Lab File: BF109362.D

Acq: 27 Sep 2018 3:10

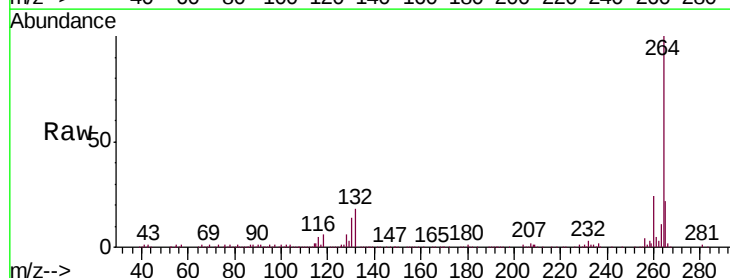
Tgt Ion:264 Resp: 251127

Ion Ratio Lower Upper

264 100

260 24.0 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

