

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109280.D
 Acq On : 24 Sep 2018 20:48
 Operator : JU/SJ
 Sample : J5044-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID05-COMP-092018

Quant Time: Sep 25 04:43:40 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

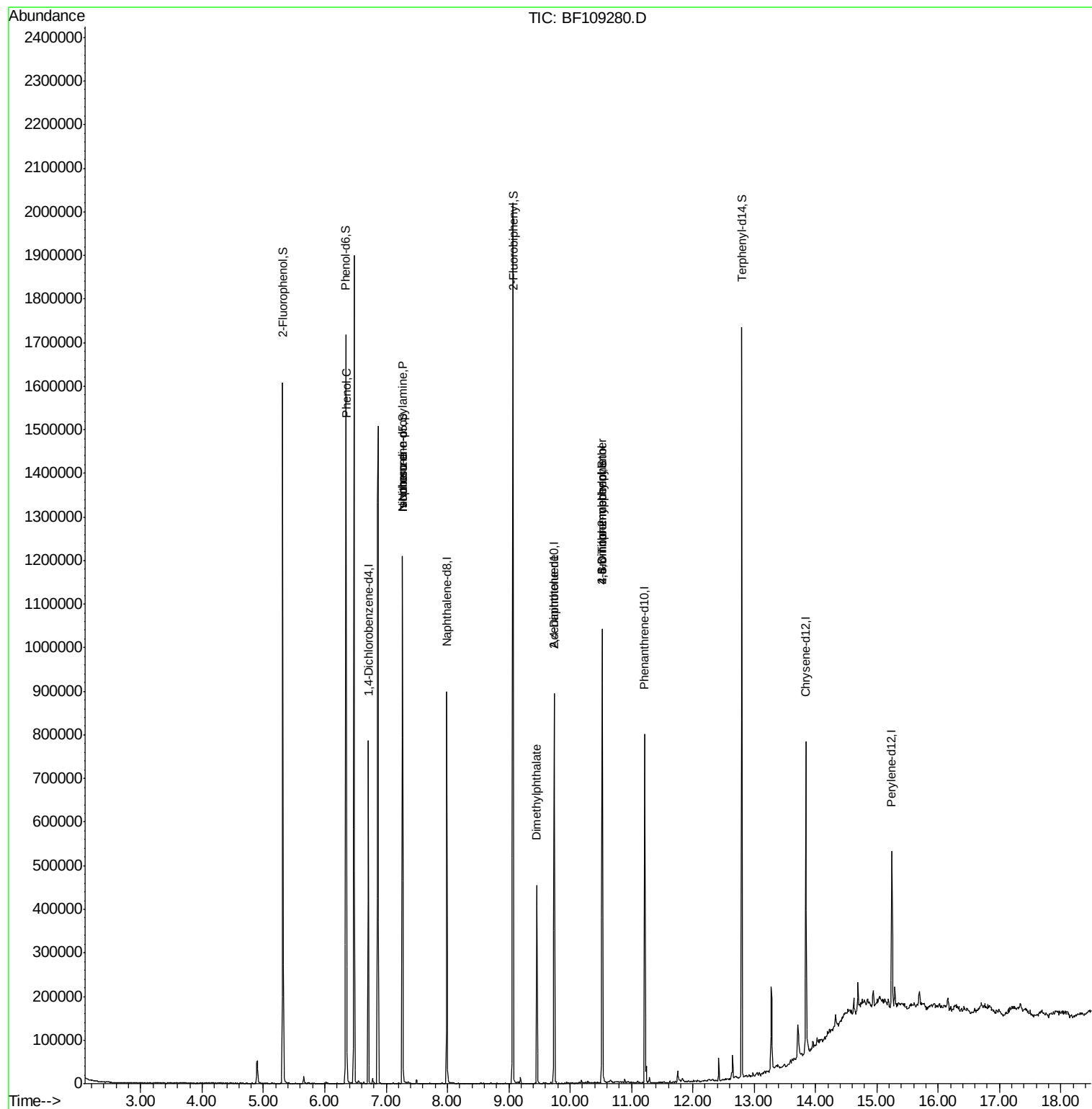
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	99649	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	369009	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	161390	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	285561	20.00	ng	0.00
75) Chrysene-d12	13.84	240	223964	20.00	ng	0.00
86) Perylene-d12	15.24	264	164372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	459172	75.90	ng	0.00
7) Phenol-d6	6.35	99	581544	75.33	ng	-0.01
23) Nitrobenzene-d5	7.27	82	350383	56.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	120134	75.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	601751	56.23	ng	0.00
78) Terphenyl-d14	12.80	244	534725	58.59	ng	0.00
Target Compounds						
10) Phenol	6.36	94	25598	2.928	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	46892	9.270	ng	# 78
25) Isophorone	7.27	82	312988	27.805	ng	# 64
49) Dimethylphthalate	9.46	163	175864	14.982	ng	99
56) 2,4-Dinitrotoluene	9.74	165	20521	6.976	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	168	6.647	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7621	2.403	ng	# 1

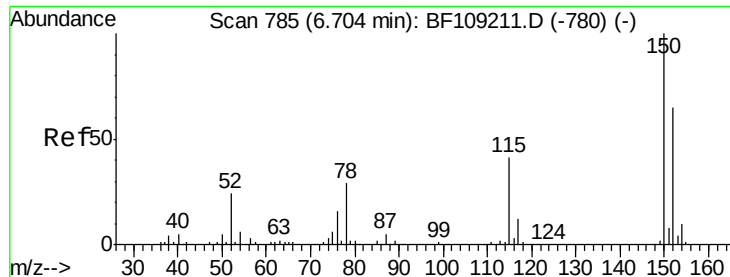
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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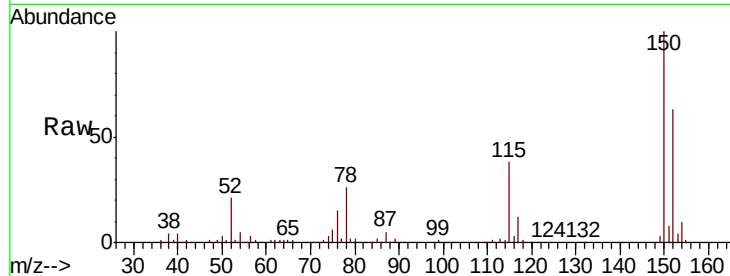


#1

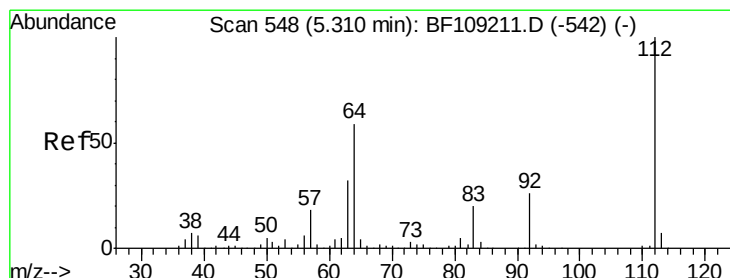
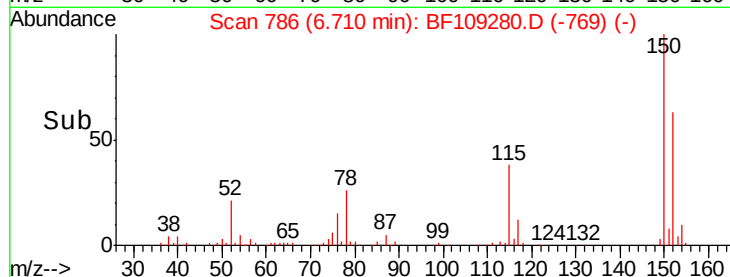
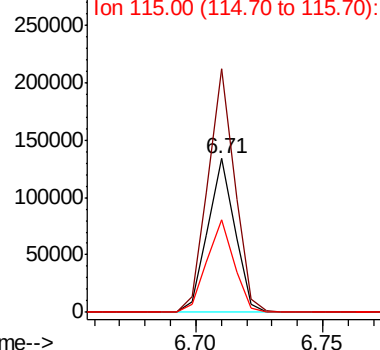
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion:152 Resp: 99649
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 60.6 50.1 75.1



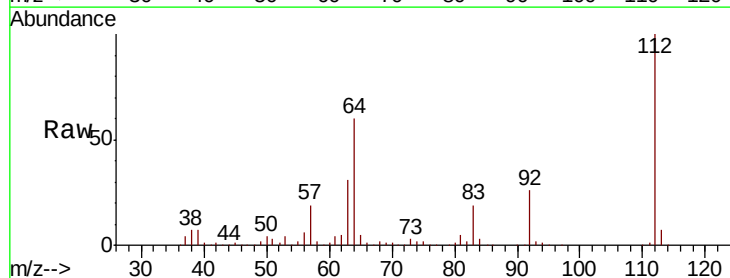
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



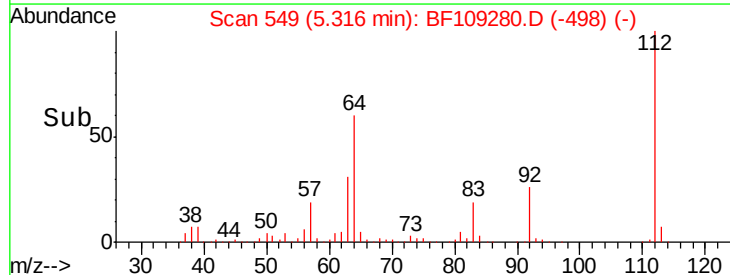
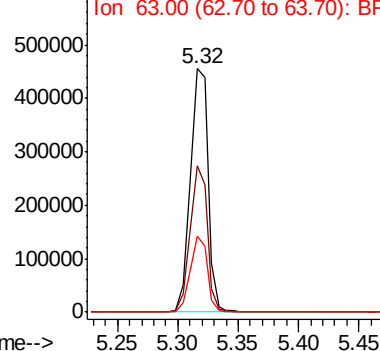
#5

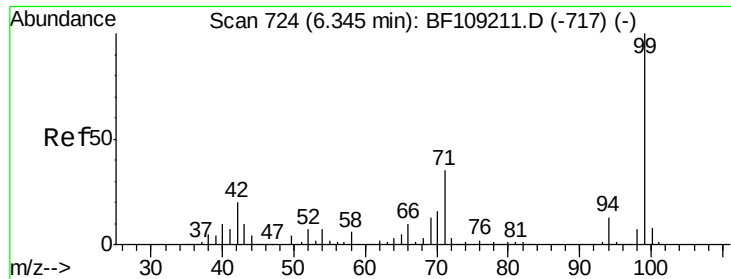
2-Fluorophenol
Concen: 75.896 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:112 Resp: 459172
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.4 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: 75.329 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109280.D

Acq: 24 Sep 2018 20:48

Instrument :

BNA_F

ClientSampleId :

GRID05-COMP-092018

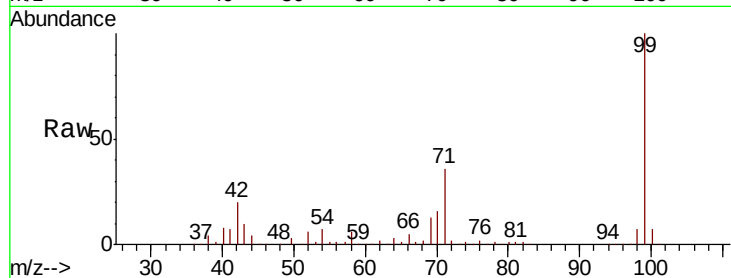
Tgt Ion: 99 Resp: 581544

Ion Ratio Lower Upper

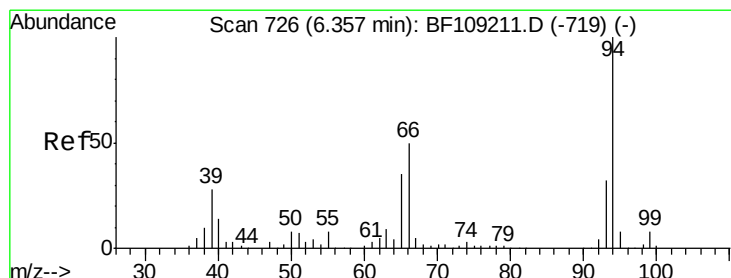
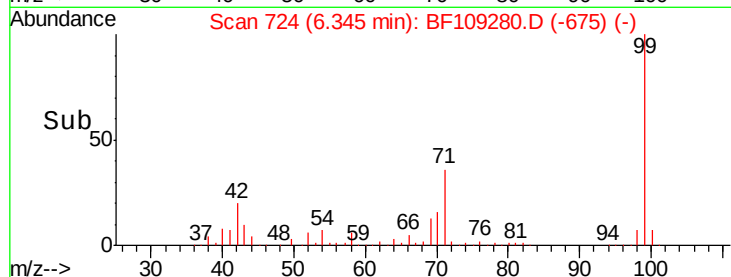
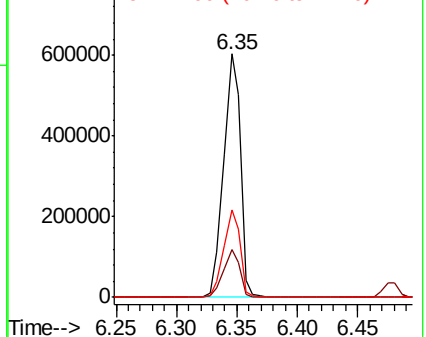
99 100

42 19.7 14.5 21.7

71 35.8 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: 2.928 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109280.D

Acq: 24 Sep 2018 20:48

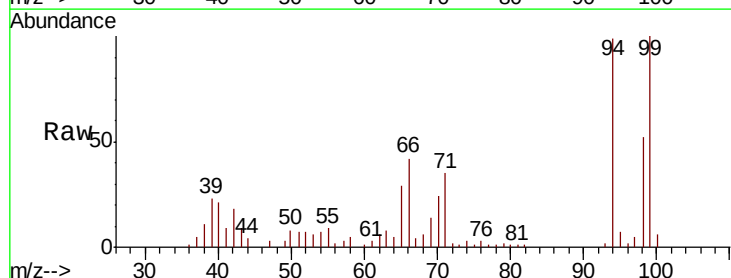
Tgt Ion: 94 Resp: 25598

Ion Ratio Lower Upper

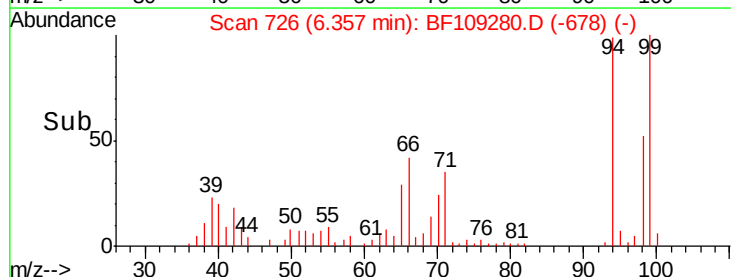
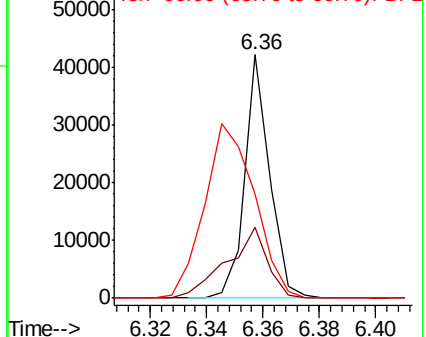
94 100

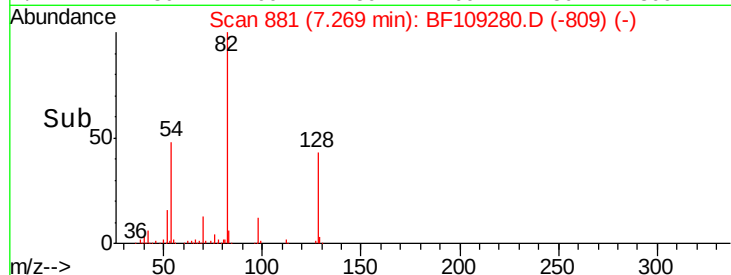
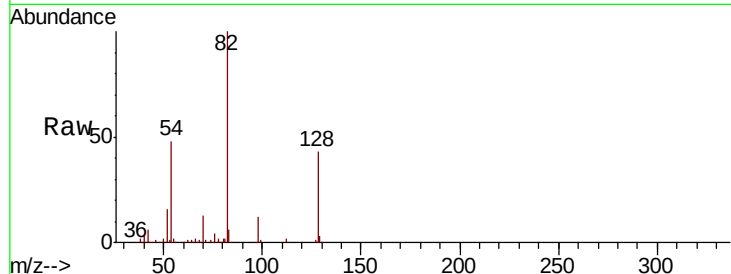
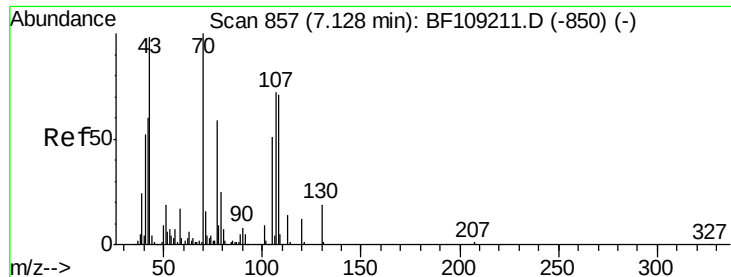
65 29.1 7.9 47.9

66 43.0 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

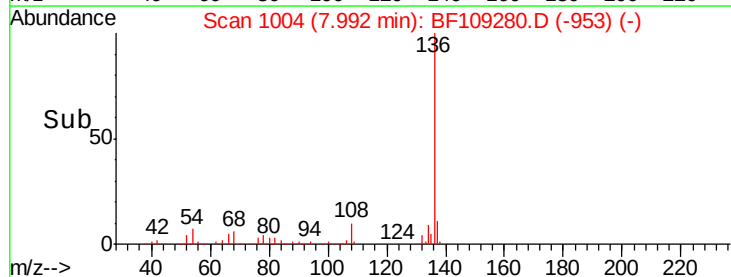
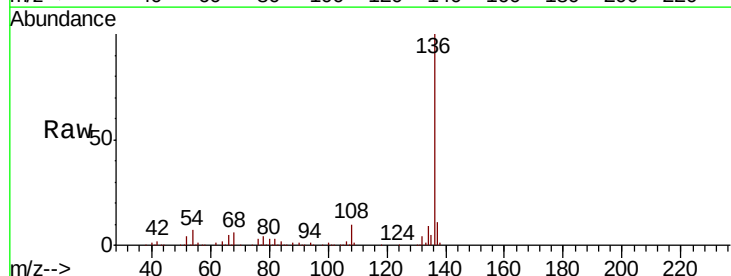
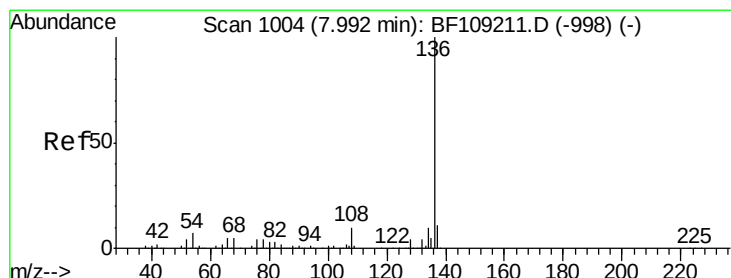
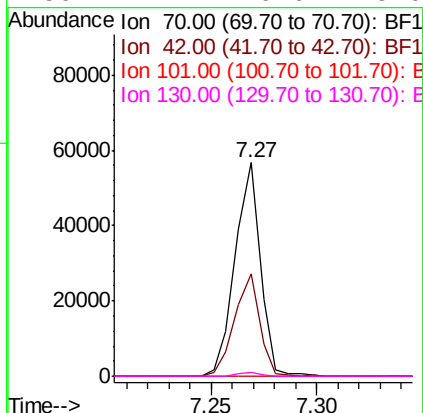




#19
n-Nitroso-di-n-propylamine
Concen: 9.270 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

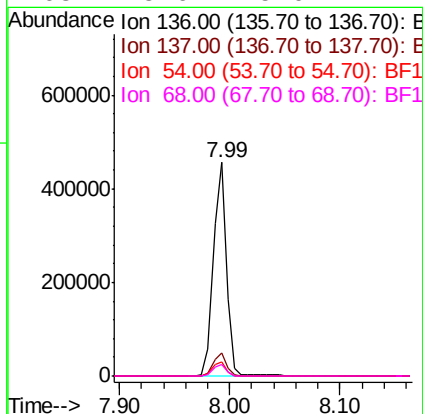
Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

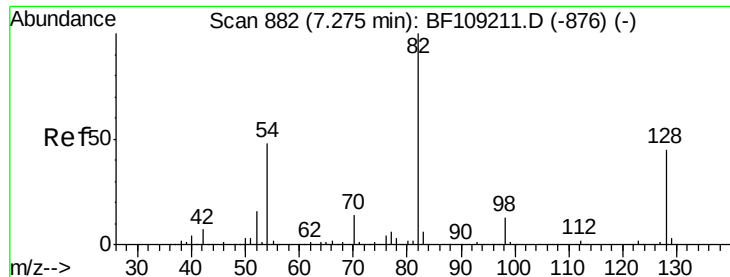
Tgt Ion: 70 Resp: 46892
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion: 136 Resp: 369009
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.8 6.6 9.8
68 5.6 5.0 7.4

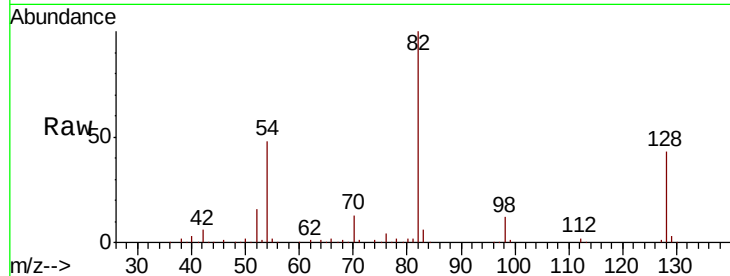




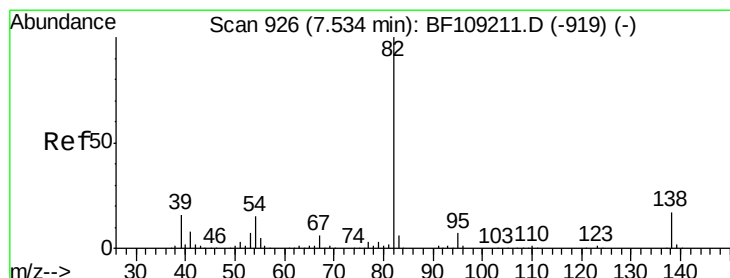
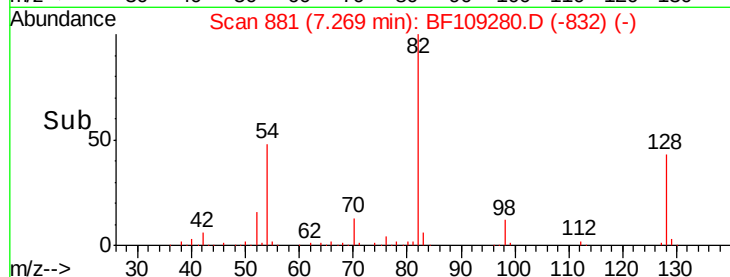
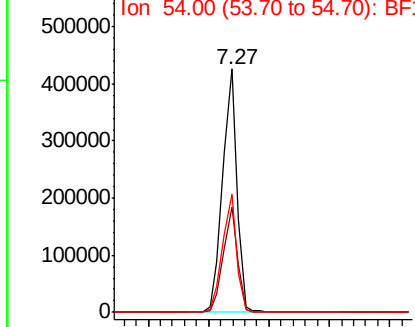
#23
Nitrobenzene-d5
Concen: 56.052 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion: 82 Resp: 350383
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 48.3 41.4 62.2

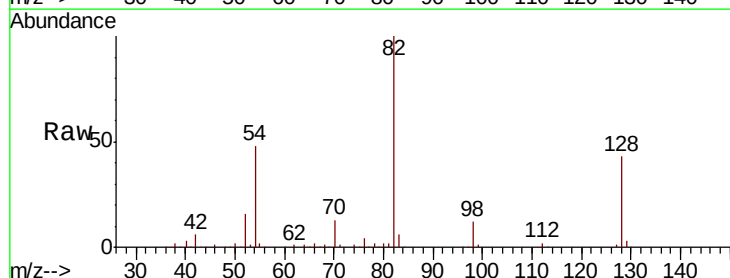


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

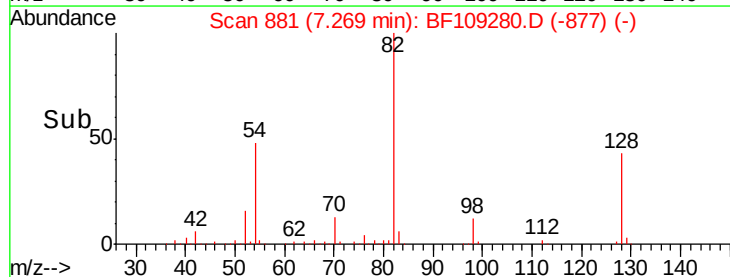
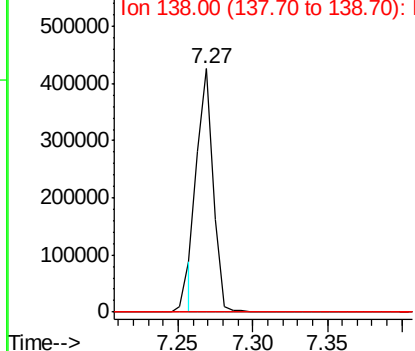


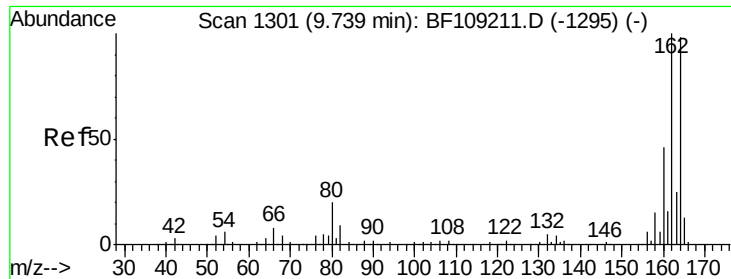
#25
Isophorone
Concen: 27.805 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion: 82 Resp: 312988
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

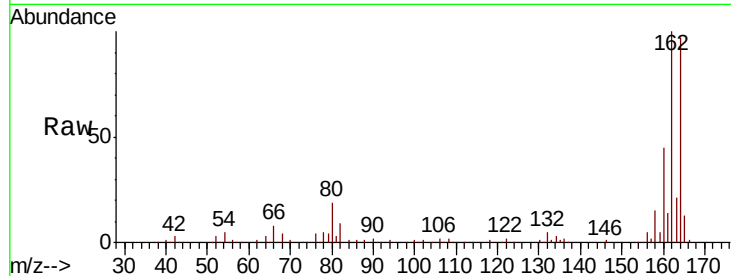




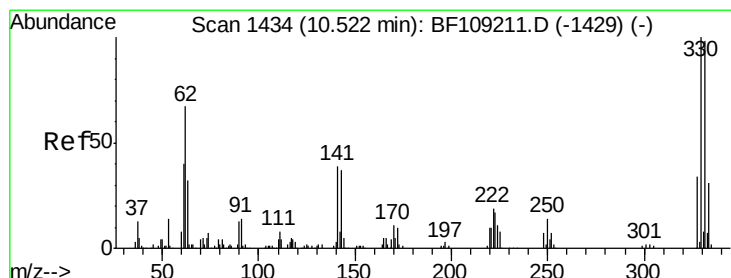
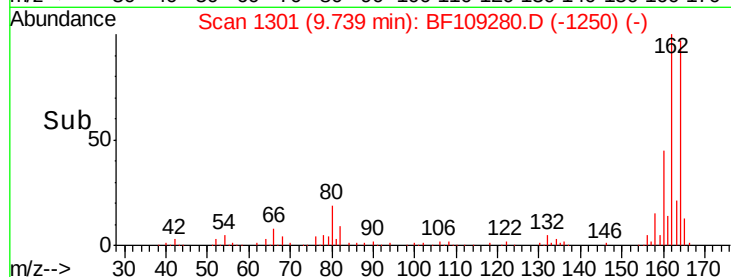
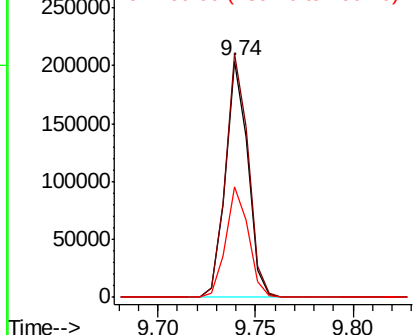
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109280.D
 Acq: 24 Sep 2018 20:48

Instrument :
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Tgt Ion:164 Resp: 161390
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 46.6 38.3 57.5

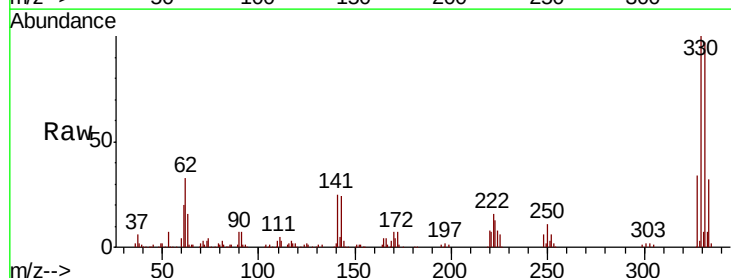


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

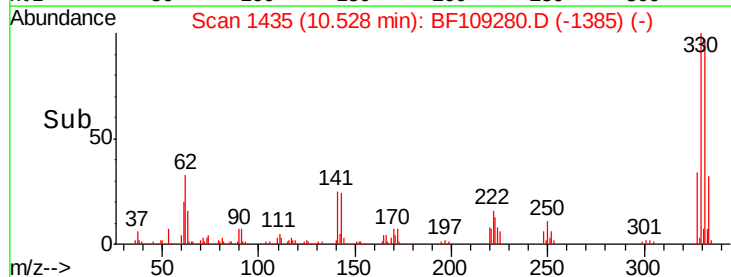
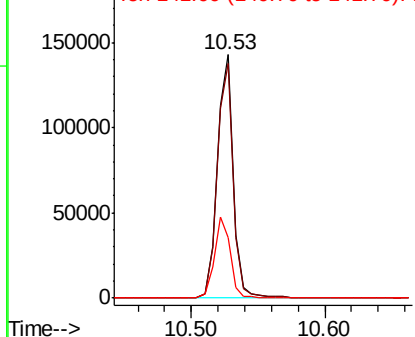


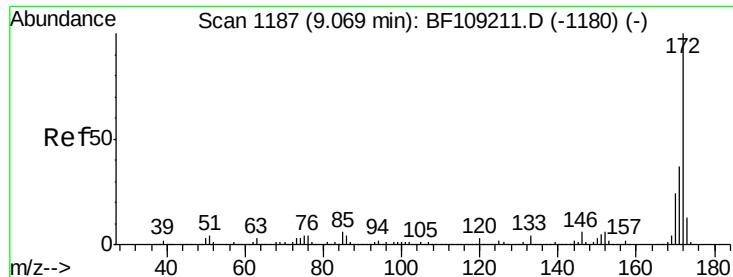
#41
 2,4,6-Tribromophenol
 Concen: 75.510 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109280.D
 Acq: 24 Sep 2018 20:48

Tgt Ion:330 Resp: 120134
 Ion Ratio Lower Upper
 330 100
 332 97.2 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

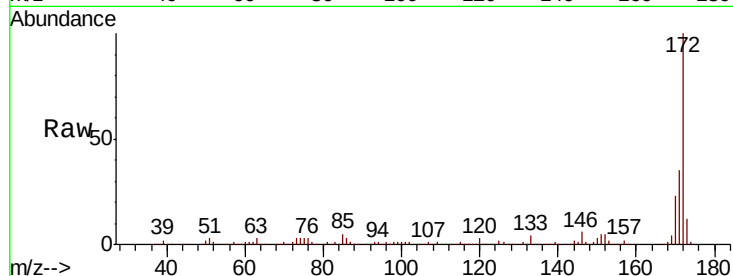




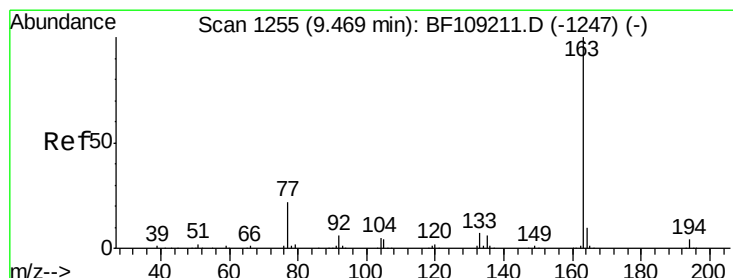
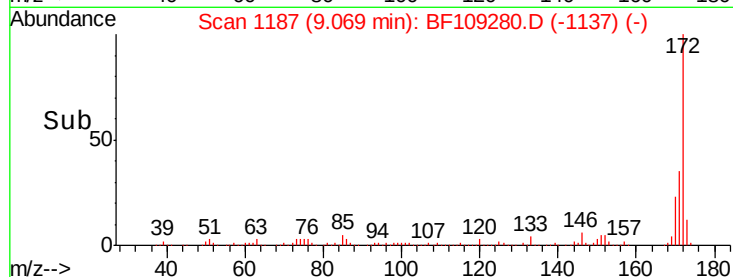
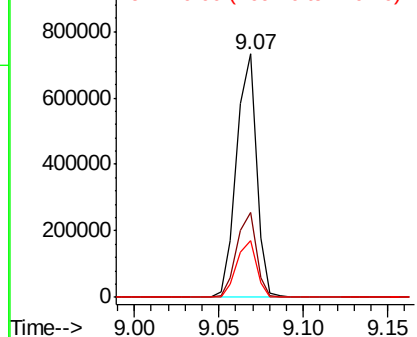
#44
2-Fluorobiphenyl
Concen: 56.234 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
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GRID05-COMP-092018

Tgt Ion:172 Resp: 601751
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.4 19.6 29.4

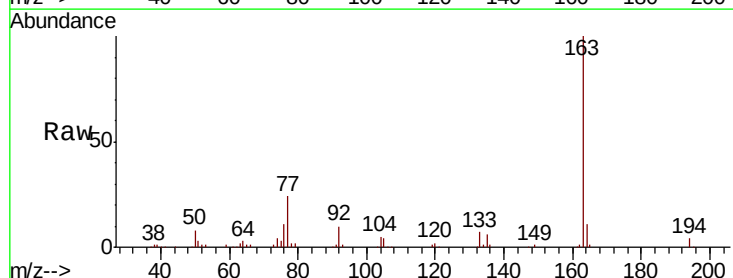


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

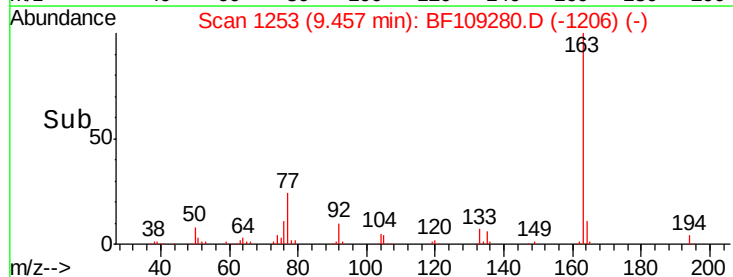
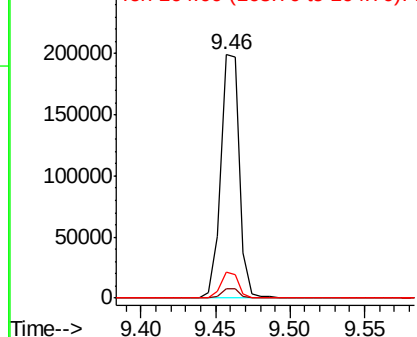


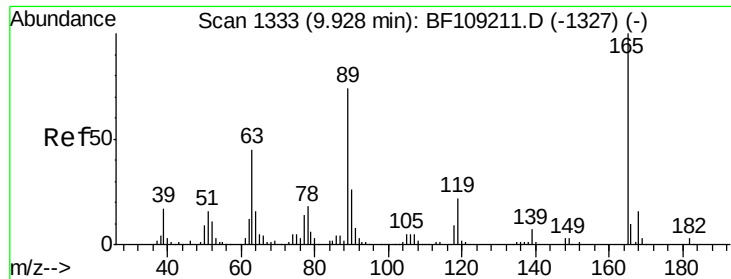
#49
Dimethylphthalate
Concen: 14.982 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:163 Resp: 175864
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

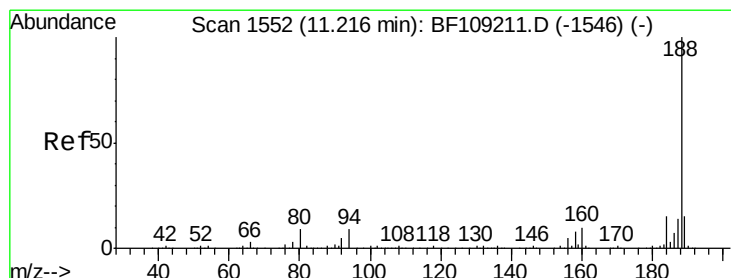
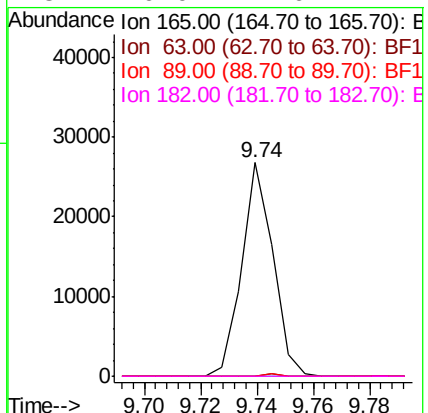
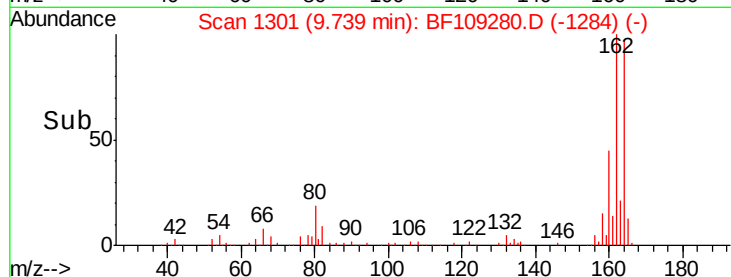
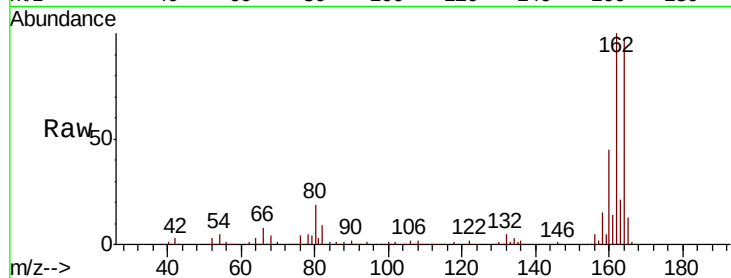




#56
 2,4-Dinitrotoluene
 Concen: 6.976 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109280.D
 Acq: 24 Sep 2018 20:48

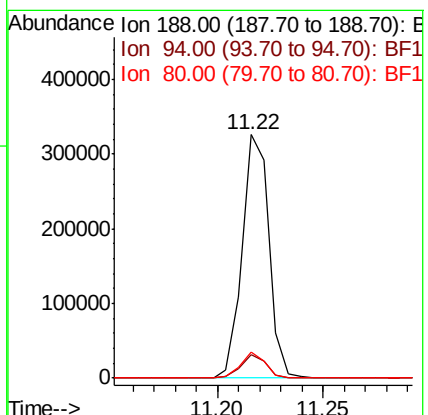
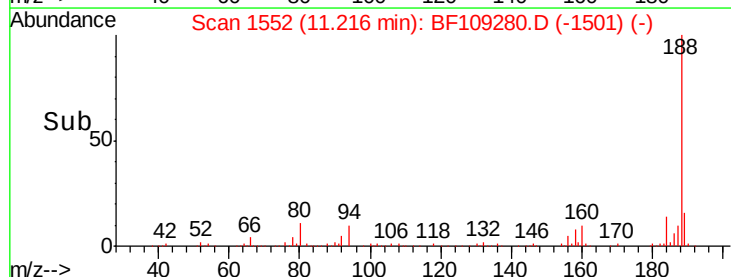
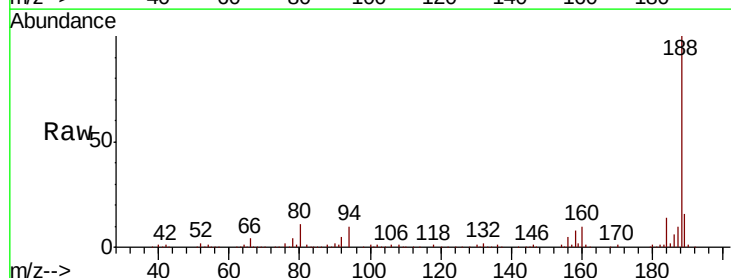
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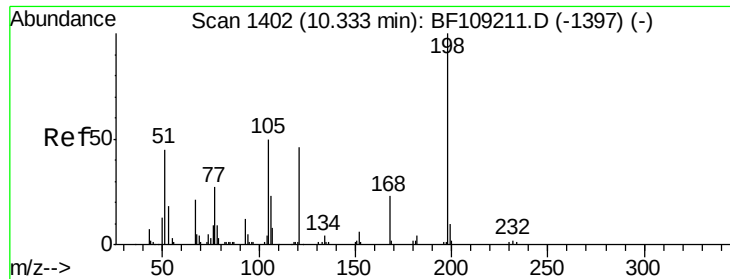
Tgt Ion:	165	Resp:	20521
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109280.D
 Acq: 24 Sep 2018 20:48

Tgt Ion:	188	Resp:	285561
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.5	9.2	13.8

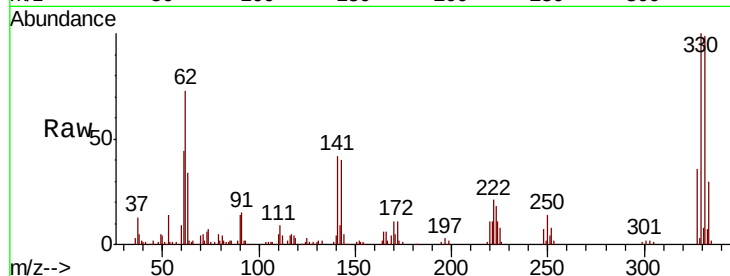




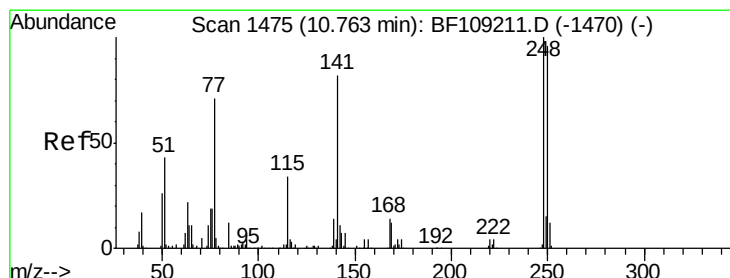
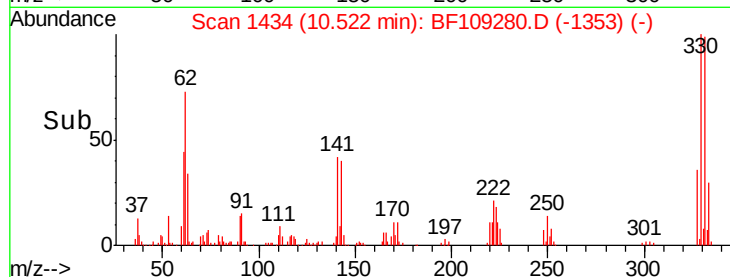
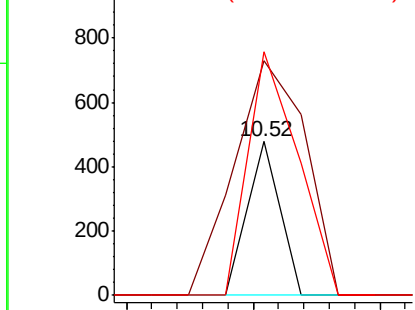
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.647 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109280.D
 Acq: 24 Sep 2018 20:48

Instrument :
 BNA_F
 ClientSampleId :
 GRID05-COMP-092018

Tgt Ion:198 Resp: 168
 Ion Ratio Lower Upper
 198 100
 51 153.2 37.7 77.7#
 105 158.7 36.3 76.3#

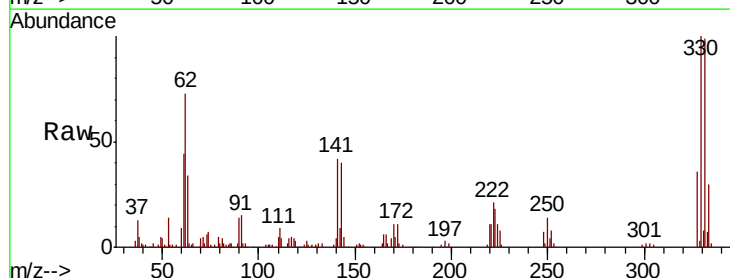


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

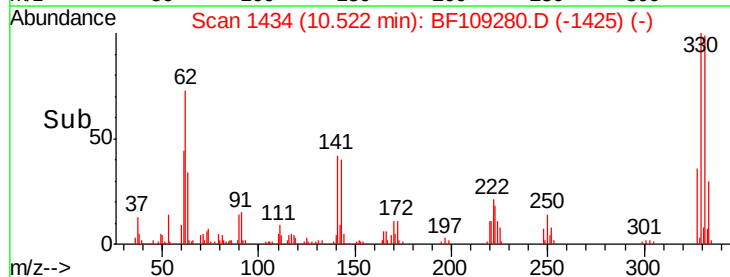
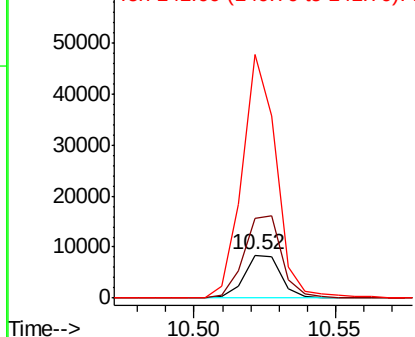


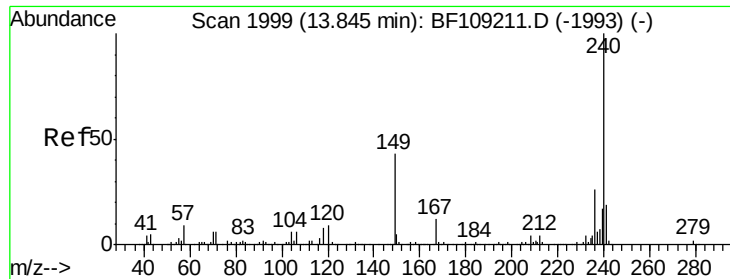
#66
 4-Bromophenyl-phenylether
 Concen: 2.403 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109280.D
 Acq: 24 Sep 2018 20:48

Tgt Ion:248 Resp: 7621
 Ion Ratio Lower Upper
 248 100
 250 184.8 76.9 115.3#
 141 567.7 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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109280.D

Acq: 24 Sep 2018 20:48

Instrument :

BNA_F

ClientSampleId :

GRID05-COMP-092018

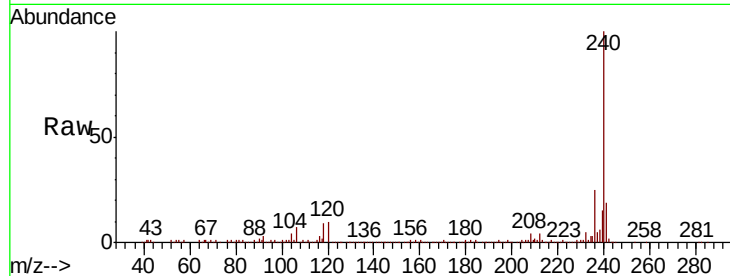
Tgt Ion:240 Resp: 223964

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

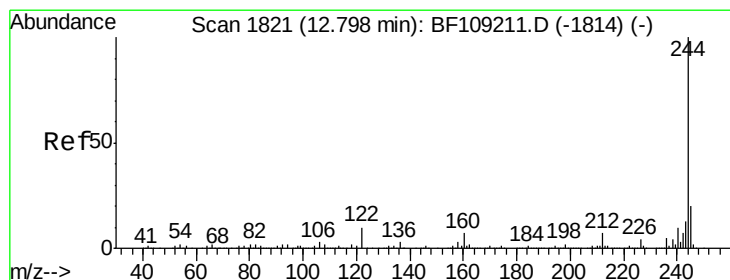
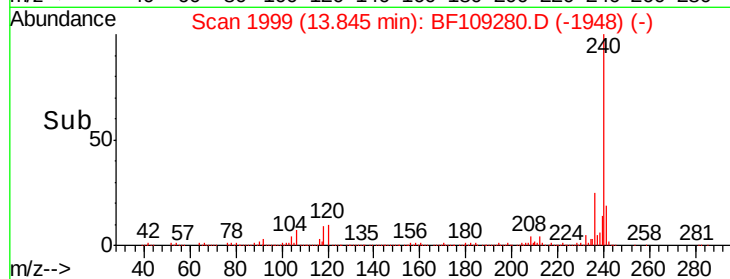
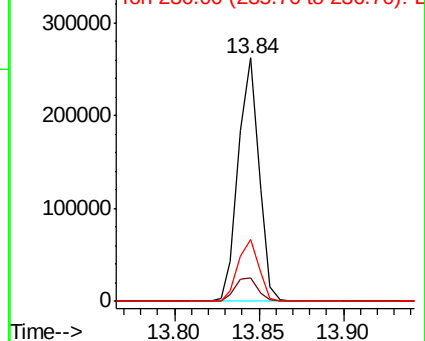
236 25.2 20.7 31.1



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: 58.594 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109280.D

Acq: 24 Sep 2018 20:48

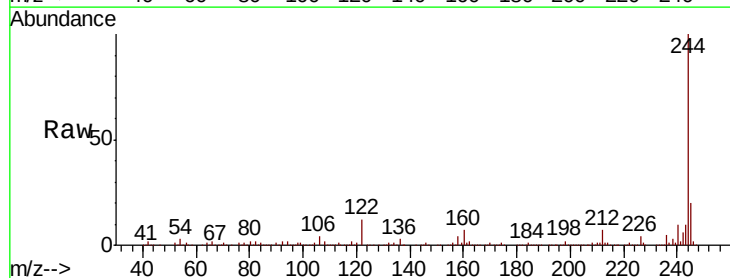
Tgt Ion:244 Resp: 534725

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

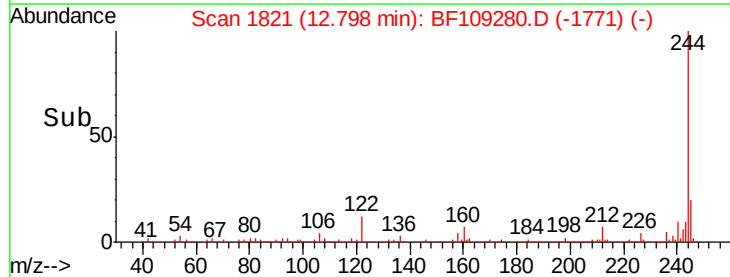
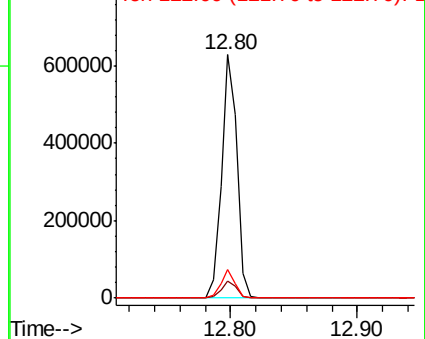
122 11.7 11.0 16.4

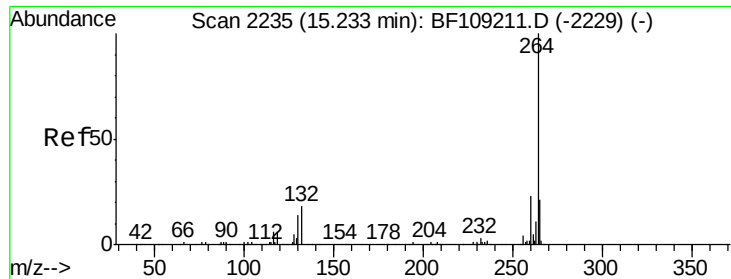


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

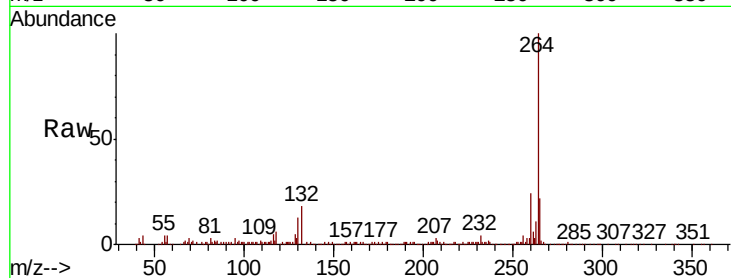




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	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

