

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109626.D
 Acq On : 5 Oct 2018 23:24
 Operator : JU/SJ
 Sample : J5263-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID16-COMP-100318

Quant Time: Oct 06 05:58:06 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	80984	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	326132	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	141539	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	232344	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204862	20.00	ng	-0.01
86) Perylene-d12	15.23	264	199282	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	367586	74.76	ng	0.00
7) Phenol-d6	6.35	99	506868	80.79	ng	0.00
23) Nitrobenzene-d5	7.26	82	331244	59.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	101194	72.53	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	535123	57.02	ng	-0.02
78) Terphenyl-d14	12.79	244	422122	50.57	ng	-0.02

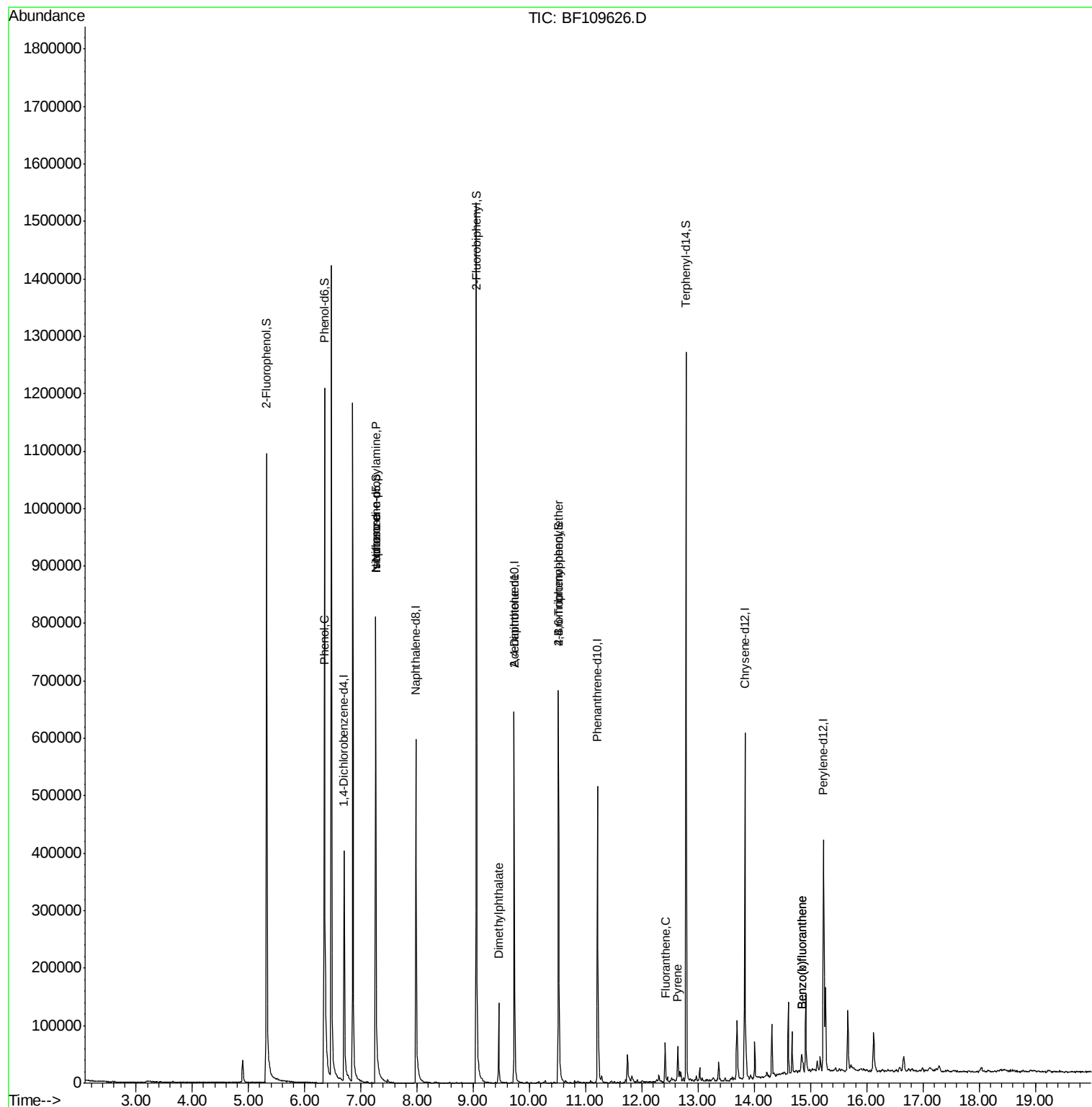
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	26658	3.752	ng	81
19) n-Nitroso-di-n-propylamine	7.26	70	44020	10.708	ng	# 75
25) Isophorone	7.26	82	317184	31.882	ng	# 64
49) Dimethylphthalate	9.45	163	67260	6.534	ng	98
56) 2,4-Dinitrotoluene	9.73	165	17296	6.704	ng	# 22
66) 4-Bromophenyl-phenylether	10.52	248	5894	2.284	ng	# 1
74) Fluoranthene	12.42	202	34172	2.756	ng	94
77) Pyrene	12.64	202	29652	2.020	ng	98
87) Benzo(b)fluoranthene	14.84	252	24808	2.265	ng	# 94
88) Benzo(k)fluoranthene	14.84	252	24808	2.387	ng	97

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

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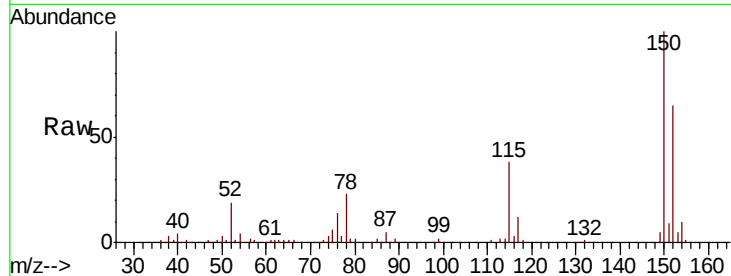




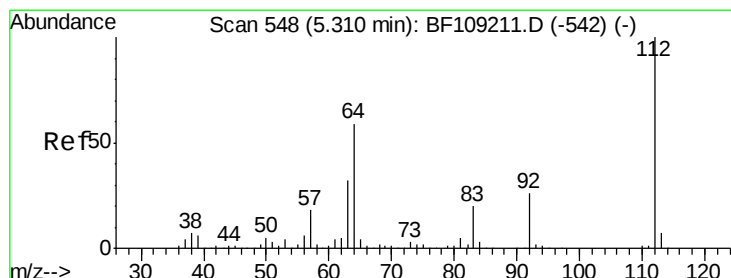
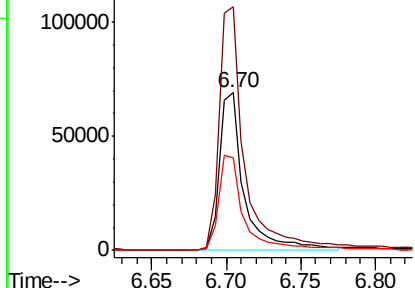
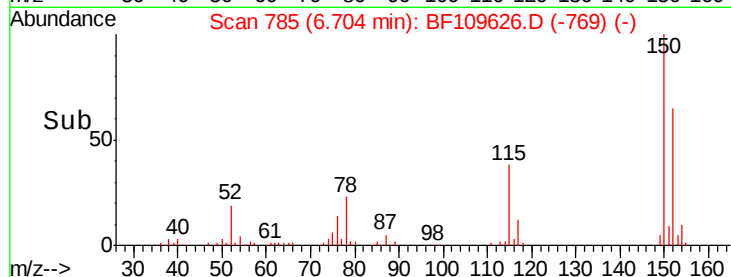
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109626.D
 Acq: 5 Oct 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 GRID16-COMP-100318

Tgt Ion:152 Resp: 80984
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 59.1 50.1 75.1

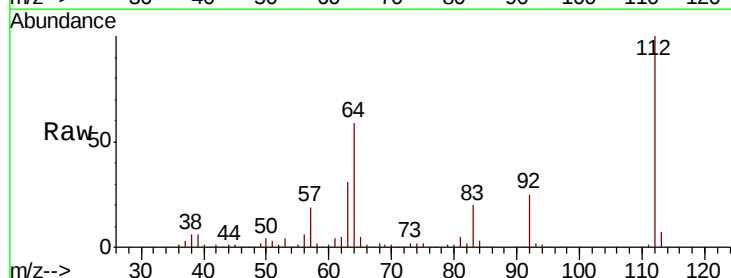


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

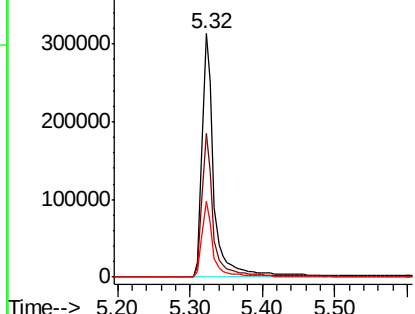
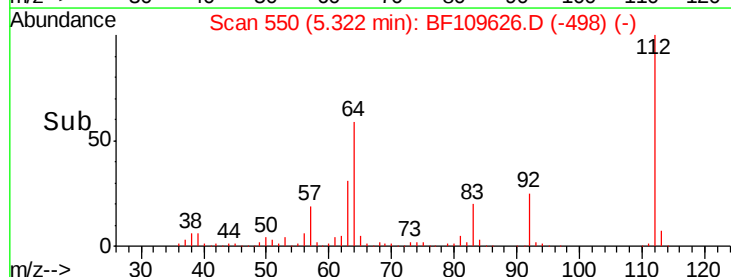


#5
 2-Fluorophenol
 Concen: 74.761 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109626.D
 Acq: 5 Oct 2018 23:24

Tgt Ion:112 Resp: 367586
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.9 71.9
 63 31.1 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: 80.788 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

Instrument :

BNA_F

ClientSampleId :

GRID16-COMP-100318

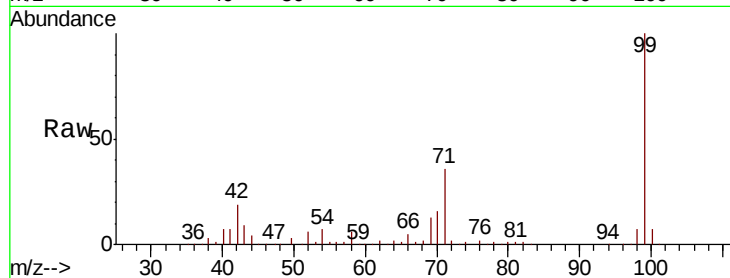
Tgt Ion: 99 Resp: 506868

Ion Ratio Lower Upper

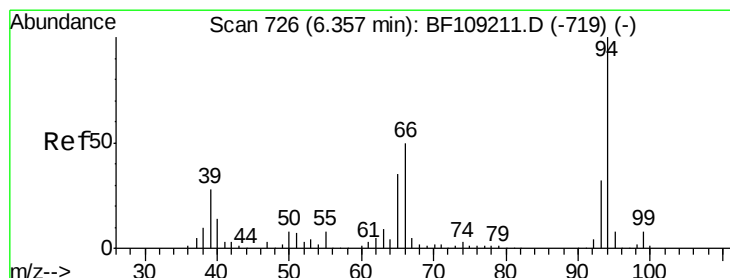
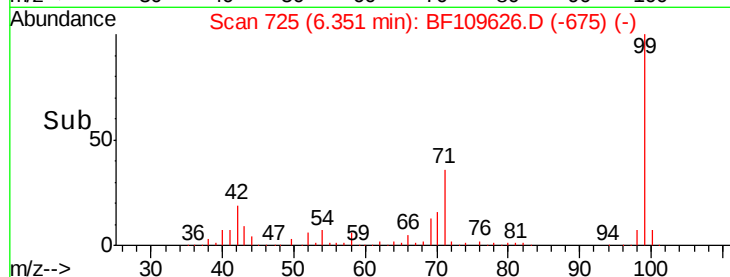
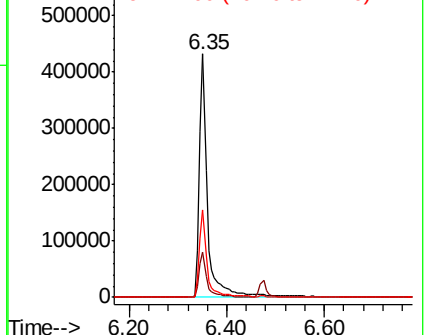
99 100

42 18.6 14.5 21.7

71 35.7 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: 3.752 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

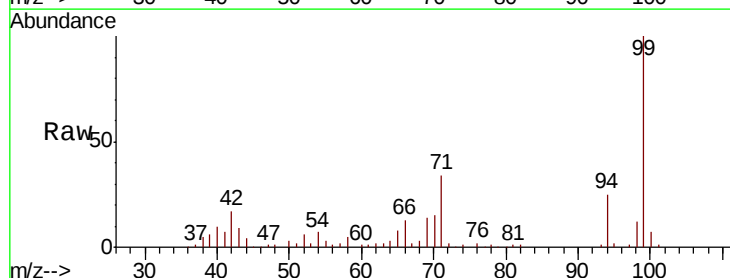
Tgt Ion: 94 Resp: 26658

Ion Ratio Lower Upper

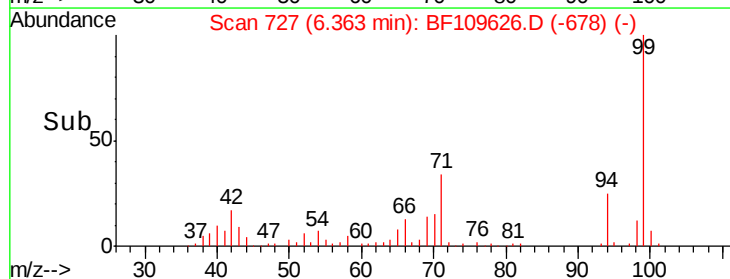
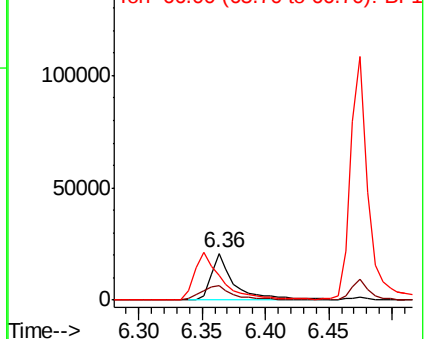
94 100

65 32.1 7.9 47.9

66 52.7 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

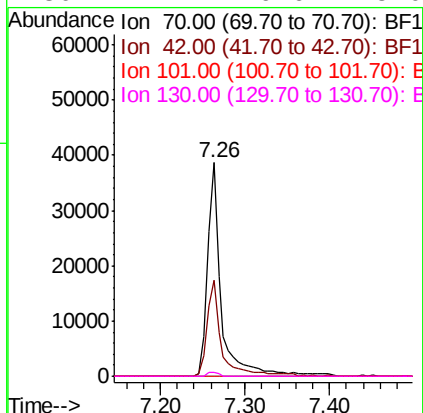
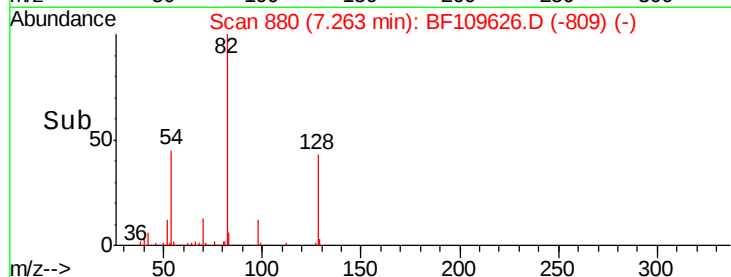
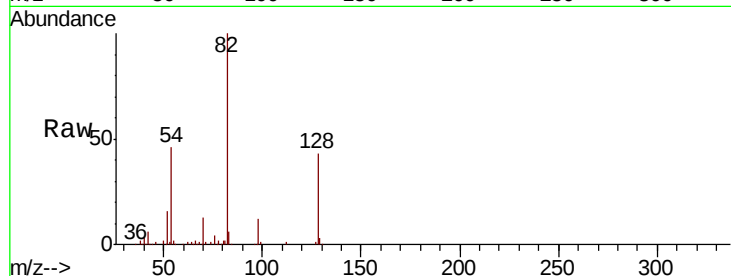




#19
n-Nitroso-di-n-propylamine
Concen: 10.708 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

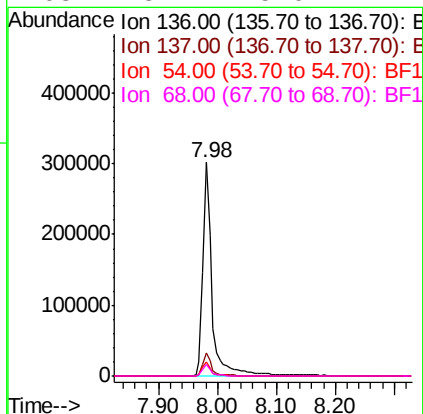
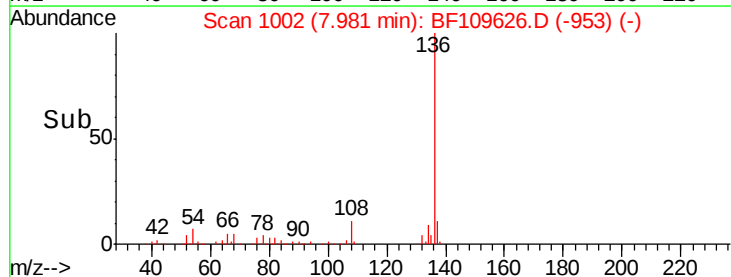
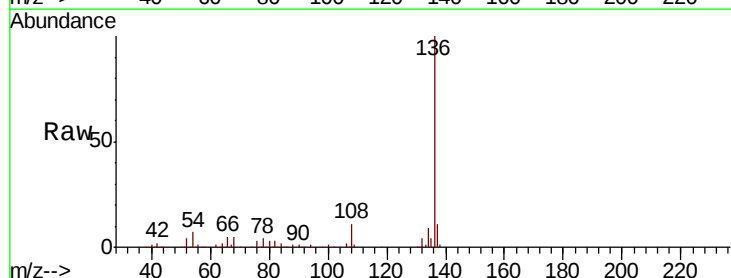
Instrument :
BNA_F
ClientSampleId :
GRID16-COMP-100318

Tgt Ion: 70 Resp: 44020
Ion Ratio Lower Upper
70 100
42 44.7 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: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Tgt Ion: 136 Resp: 326132
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.6 6.6 9.8
68 5.2 5.0 7.4

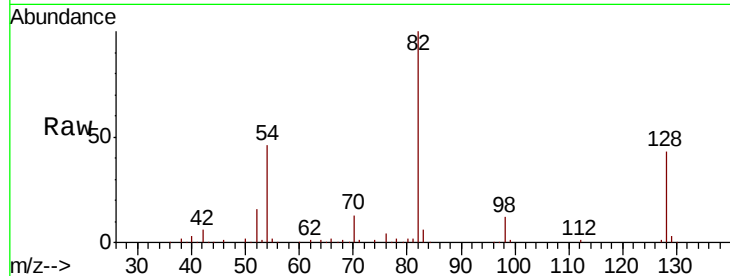




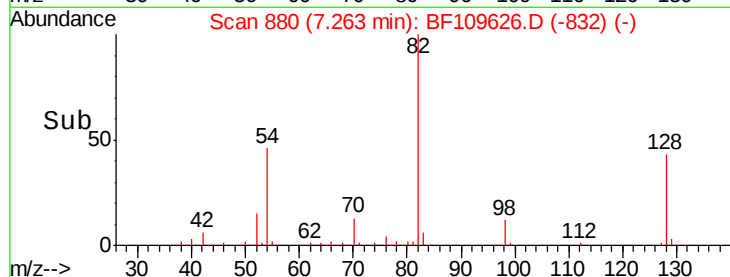
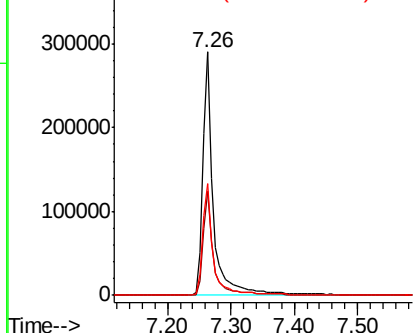
#23
 Nitrobenzene-d5
 Concen: 59.957 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109626.D
 Acq: 5 Oct 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 GRID16-COMP-100318

Tgt Ion: 82 Resp: 331244
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 45.9 41.4 62.2

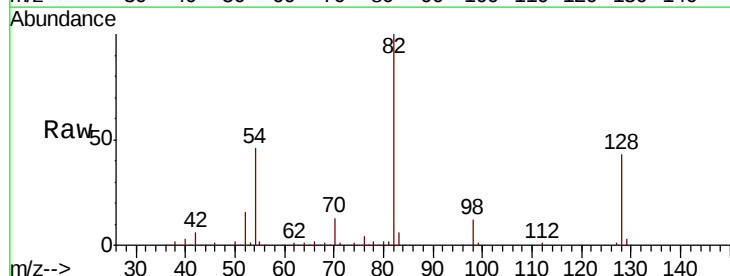


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

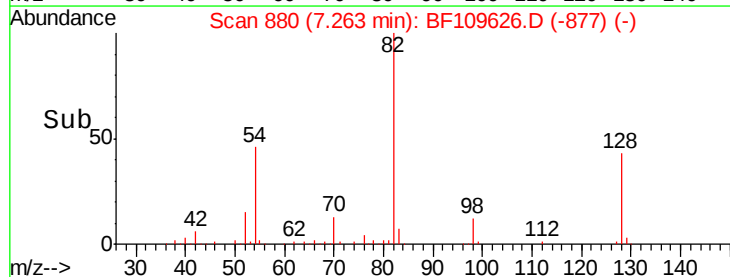
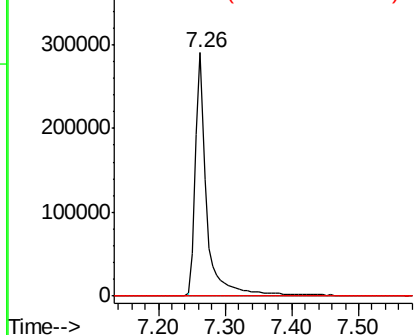


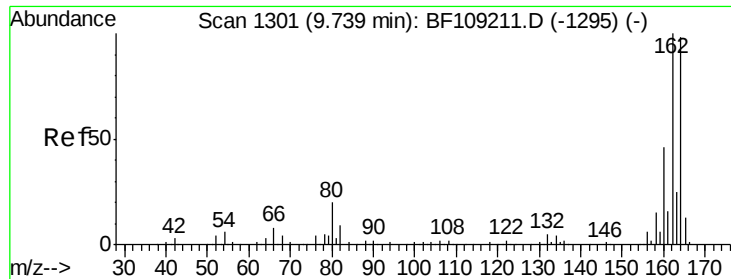
#25
 Isophorone
 Concen: 31.882 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109626.D
 Acq: 5 Oct 2018 23:24

Tgt Ion: 82 Resp: 317184
 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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

Instrument :

BNA_F

ClientSampleId :

GRID16-COMP-100318

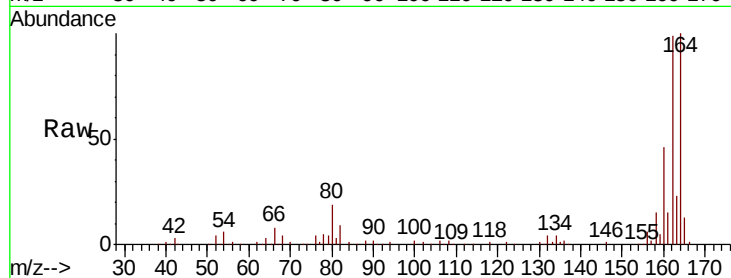
Tgt Ion:164 Resp: 141539

Ion Ratio Lower Upper

164 100

162 98.6 86.1 129.1

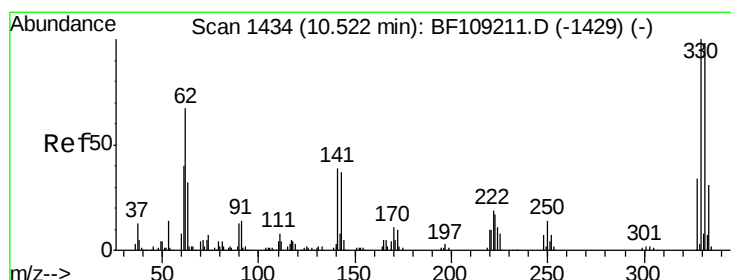
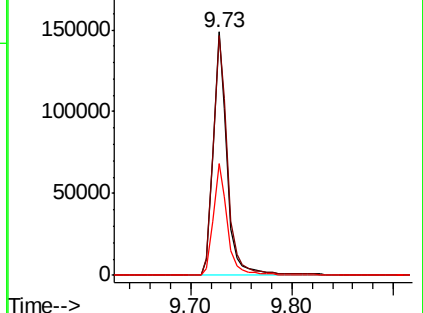
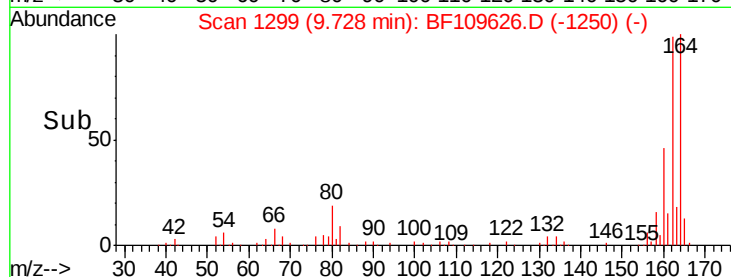
160 45.7 38.3 57.5



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: 72.526 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

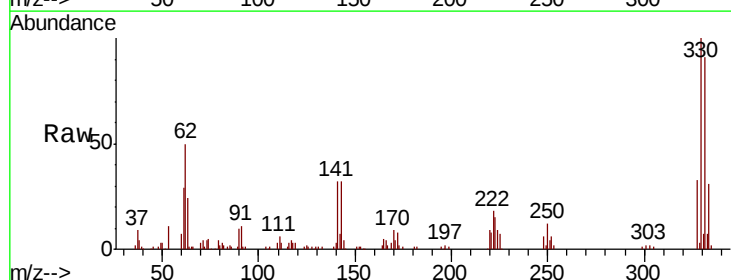
Tgt Ion:330 Resp: 101194

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

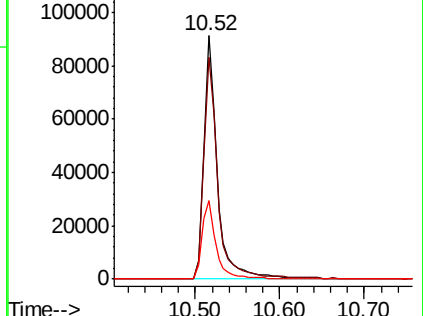
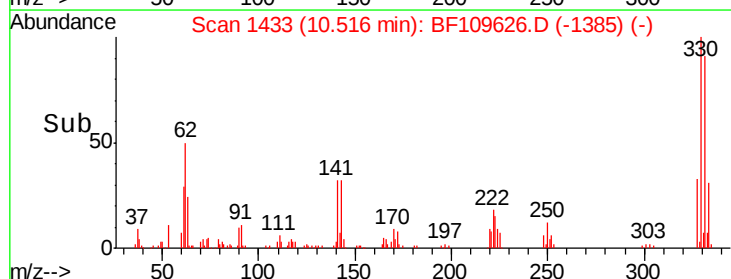
141 33.9 29.9 44.9



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

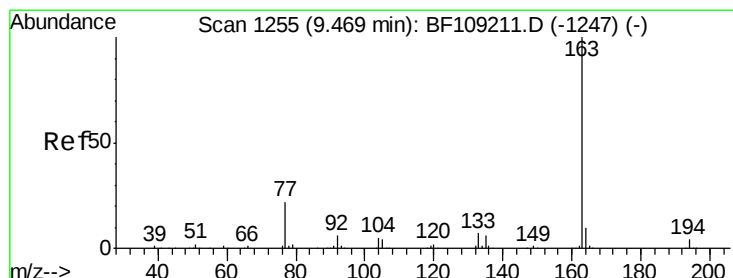
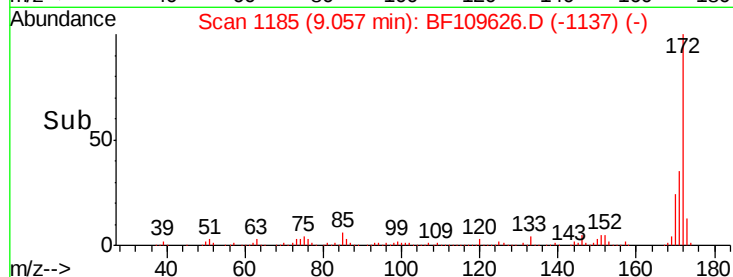
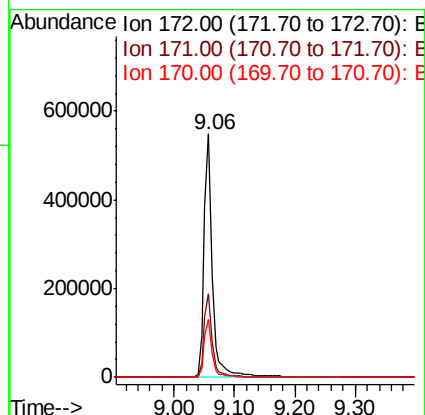
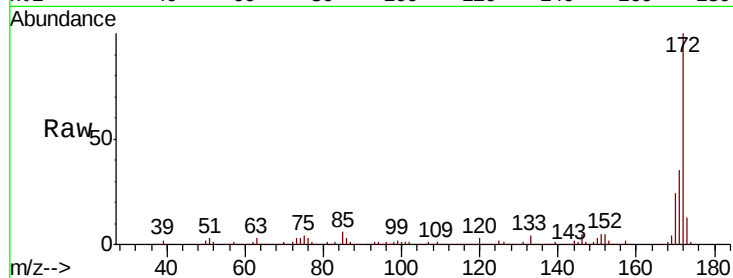




#44
2-Fluorobiphenyl
Concen: 57.021 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

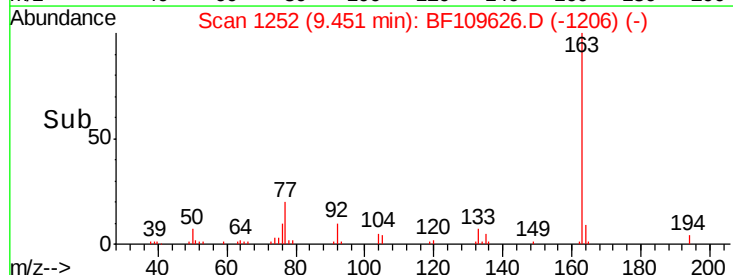
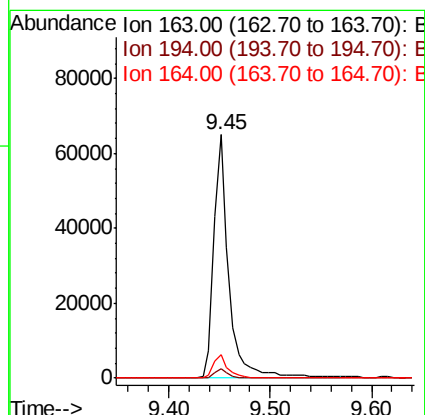
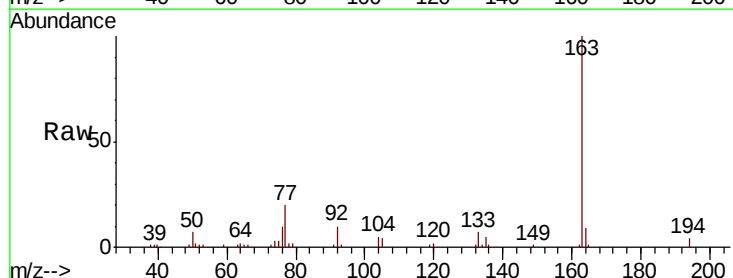
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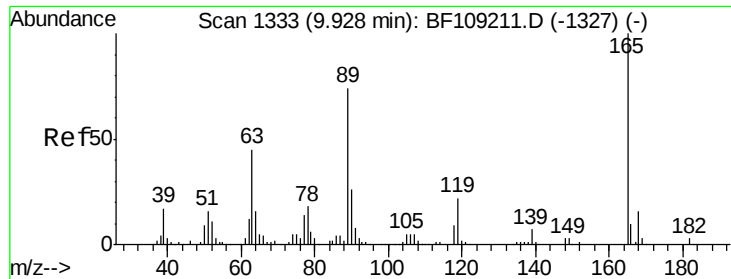
Tgt Ion:172 Resp: 535123
Ion Ratio Lower Upper
172 100
171 34.5 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 6.534 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Tgt Ion:163 Resp: 67260
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.4 8.2 12.2

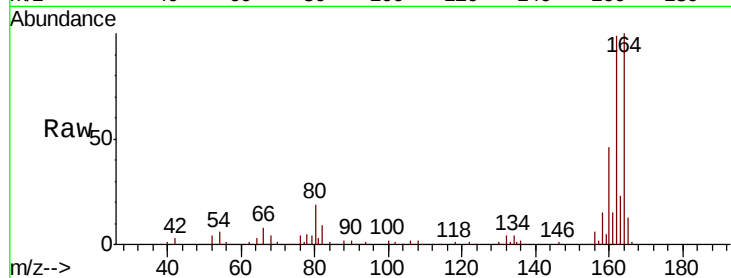




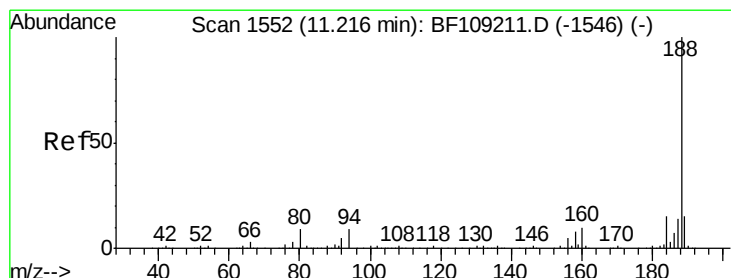
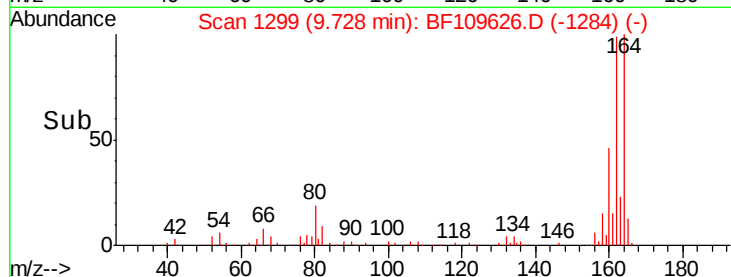
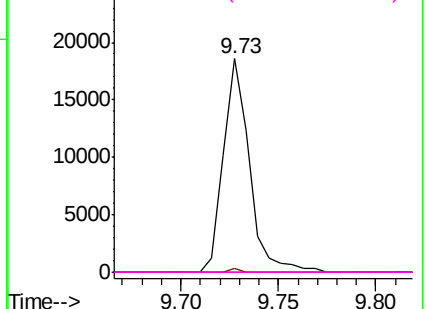
#56
 2,4-Dinitrotoluene
 Concen: 6.704 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109626.D
 Acq: 5 Oct 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 GRID16-COMP-100318

Tgt Ion:	165	Resp:	17296
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

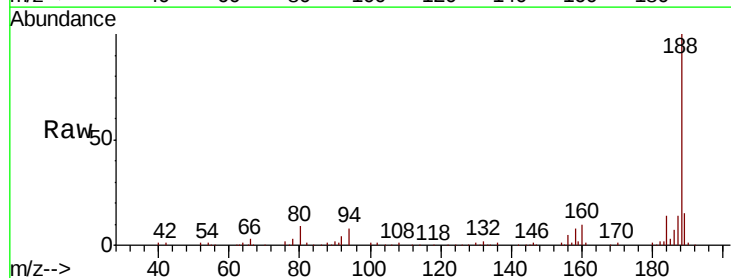


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

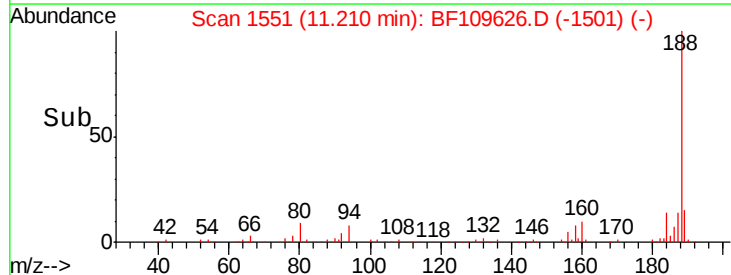
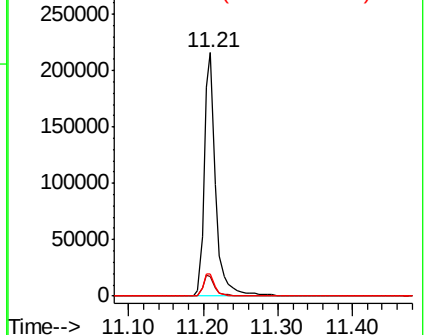


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109626.D
 Acq: 5 Oct 2018 23:24

Tgt Ion:	188	Resp:	232344
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.9	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

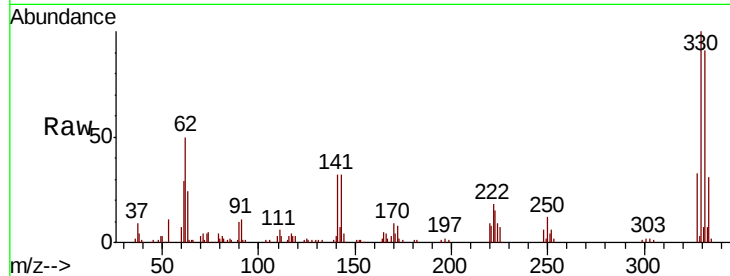




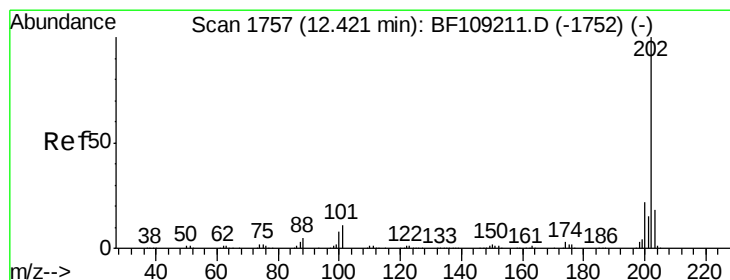
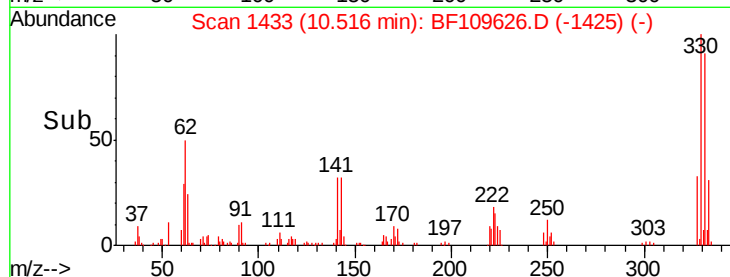
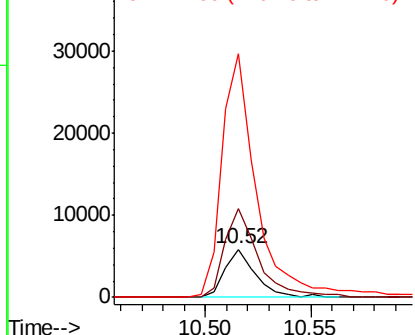
#66
 4-Bromophenyl-phenylether
 Concen: 2.284 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109626.D
 Acq: 5 Oct 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 GRID16-COMP-100318

Tgt Ion:248 Resp: 5894
 Ion Ratio Lower Upper
 248 100
 250 186.0 76.9 115.3#
 141 506.7 74.4 111.6#

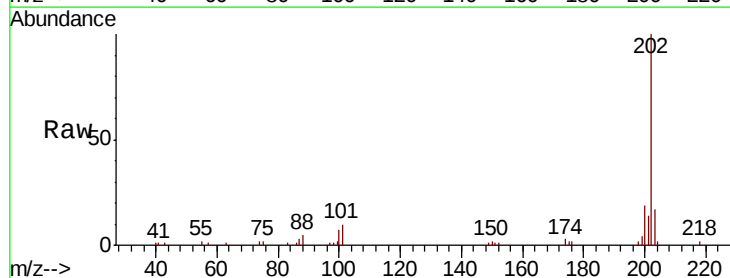


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

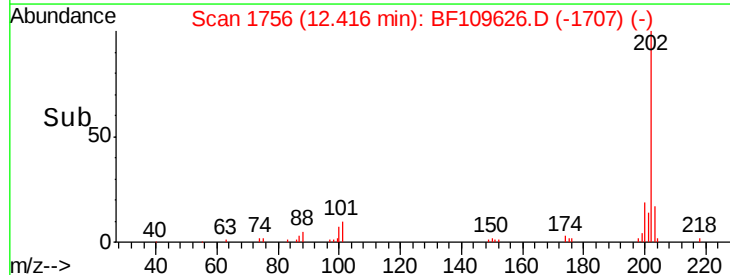
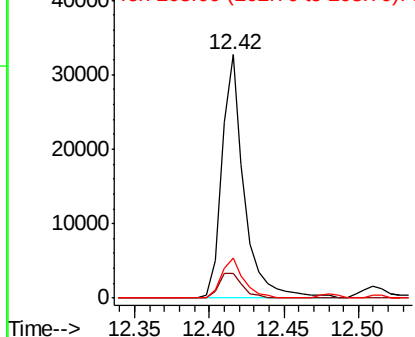


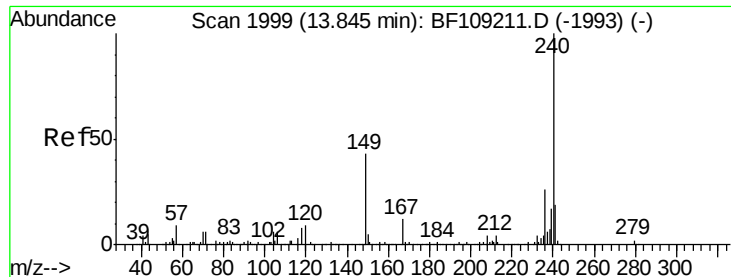
#74
 Fluoranthene
 Concen: 2.756 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109626.D
 Acq: 5 Oct 2018 23:24

Tgt Ion:202 Resp: 34172
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 34.1
 203 16.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

Instrument :

BNA_F

ClientSampleId :

GRID16-COMP-100318

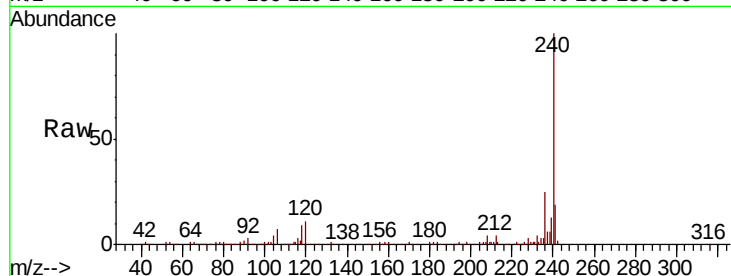
Tgt Ion:240 Resp: 204862

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

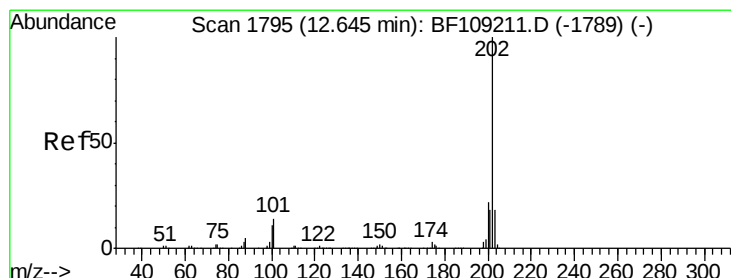
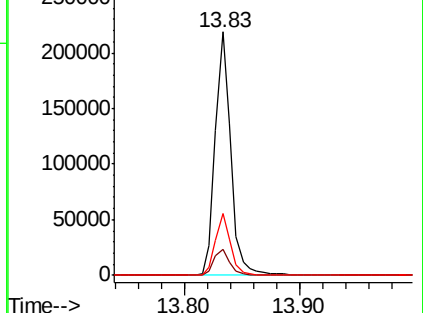
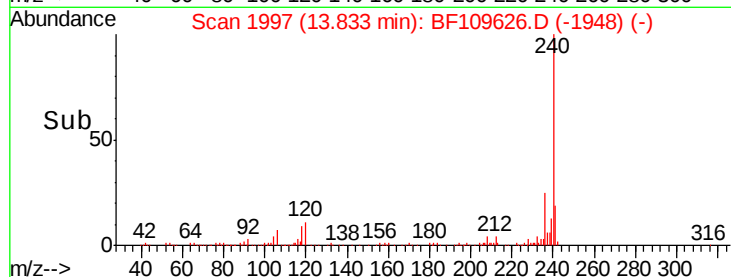
236 25.4 20.7 31.1



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



#77

Pyrene

Concen: 2.020 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

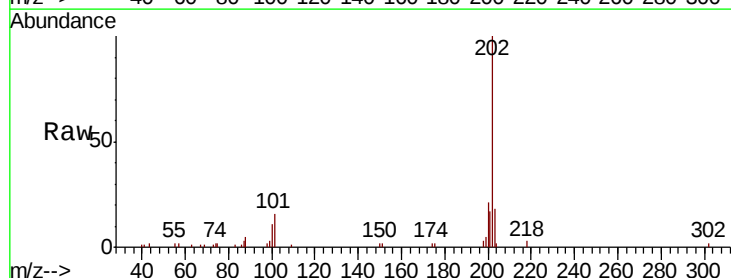
Tgt Ion:202 Resp: 29652

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

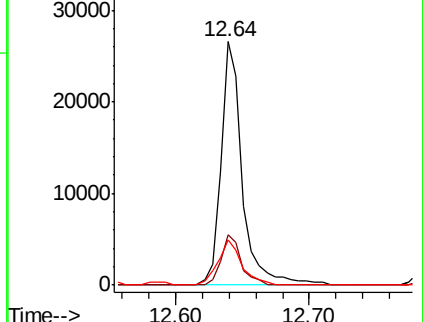
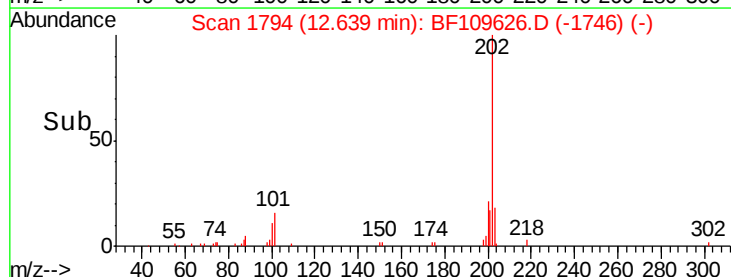
203 18.4 14.3 21.5

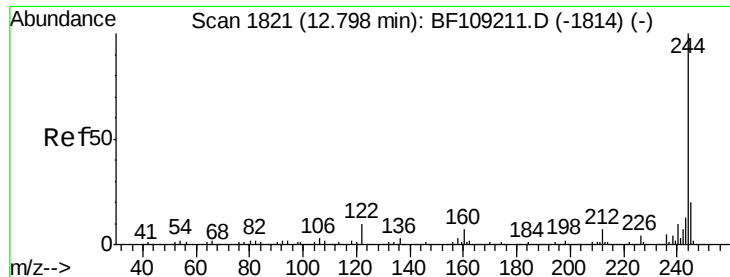


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.569 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

Instrument :

BNA_F

ClientSampleId :

GRID16-COMP-100318

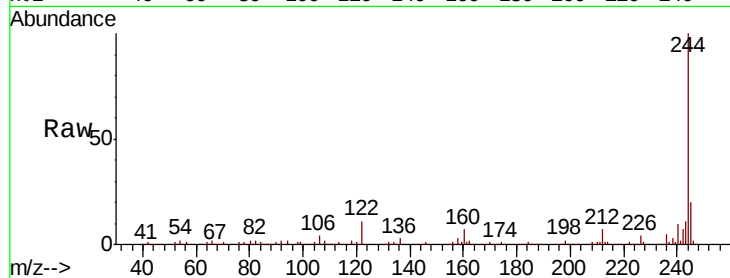
Tgt Ion:244 Resp: 422122

Ion Ratio Lower Upper

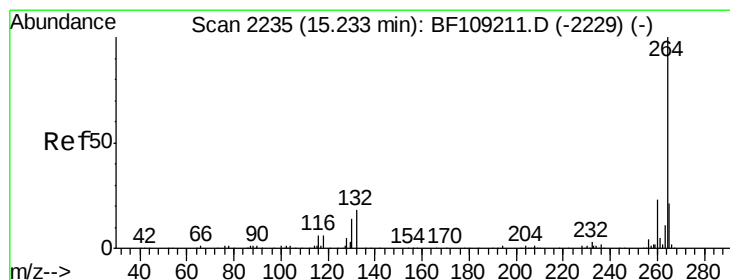
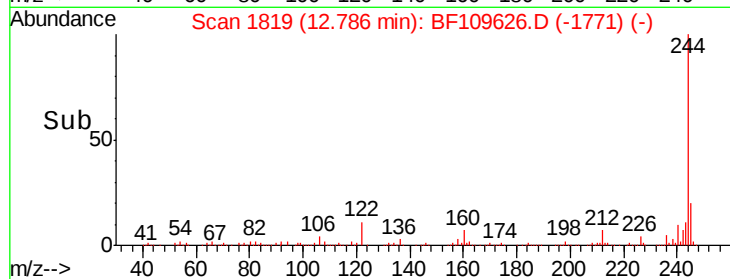
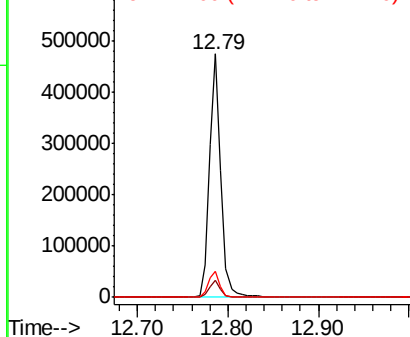
244 100

212 6.8 5.4 8.0

122 10.6 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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109626.D

Acq: 5 Oct 2018 23:24

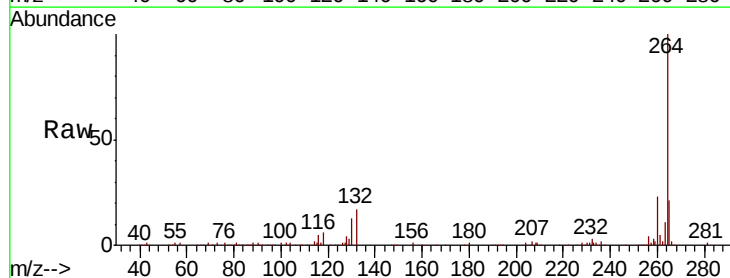
Tgt Ion:264 Resp: 199282

Ion Ratio Lower Upper

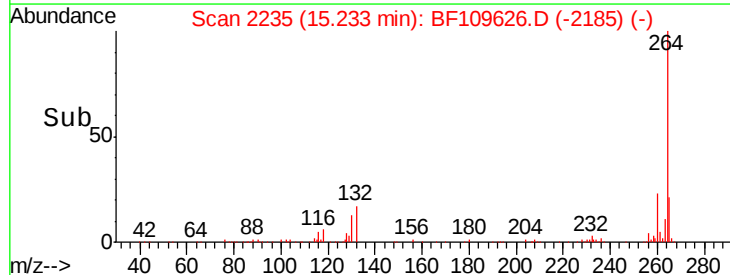
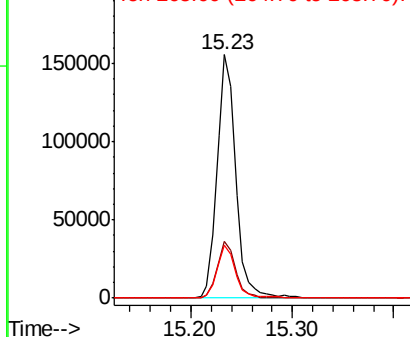
264 100

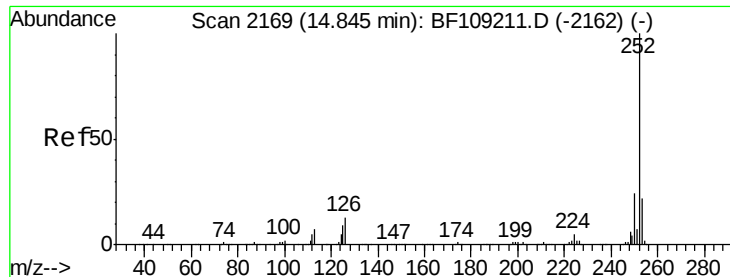
260 23.1 19.2 28.8

265 21.5 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

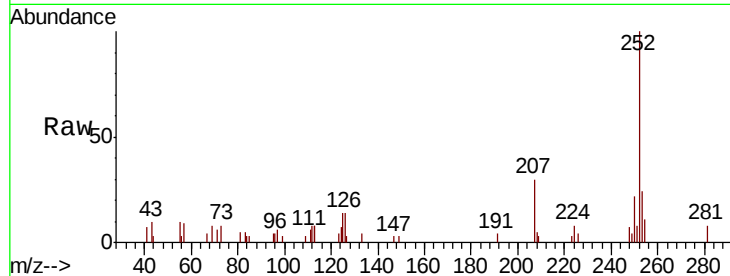




#87
Benzo(b)fluoranthene
Concen: 2.265 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Instrument :
BNA_F
ClientSampleId :
GRID16-COMP-100318

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	14.4	9.0	13.6

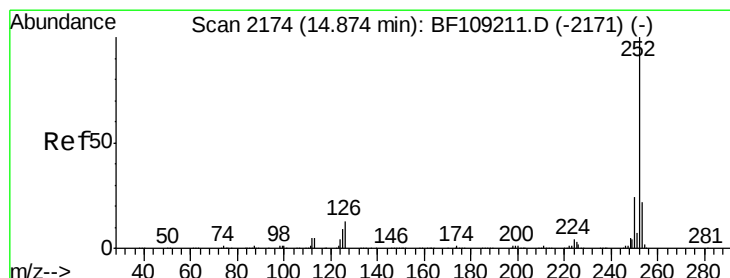
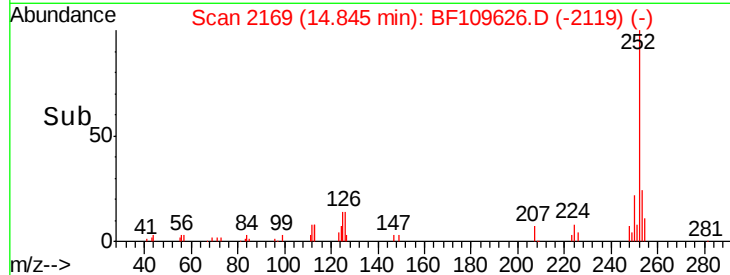
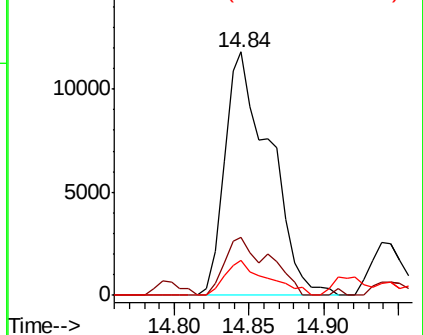


Abundance

Ion 252.00 (251.70 to 252.70): E

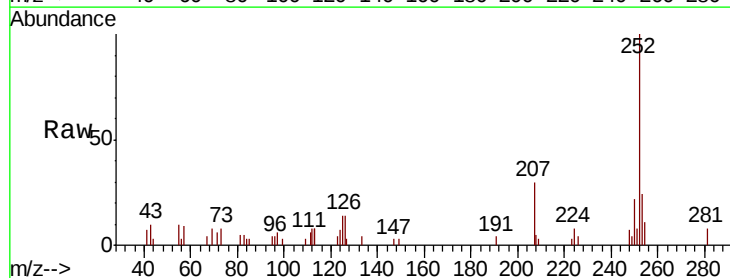
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.387 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109626.D
Acq: 5 Oct 2018 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	14.4	10.2	15.2



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

