

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111618.D
 Acq On : 20 Dec 2018 4:09
 Operator : JU/SJ
 Sample : J6386-06RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0612-01

Quant Time: Dec 20 04:42:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

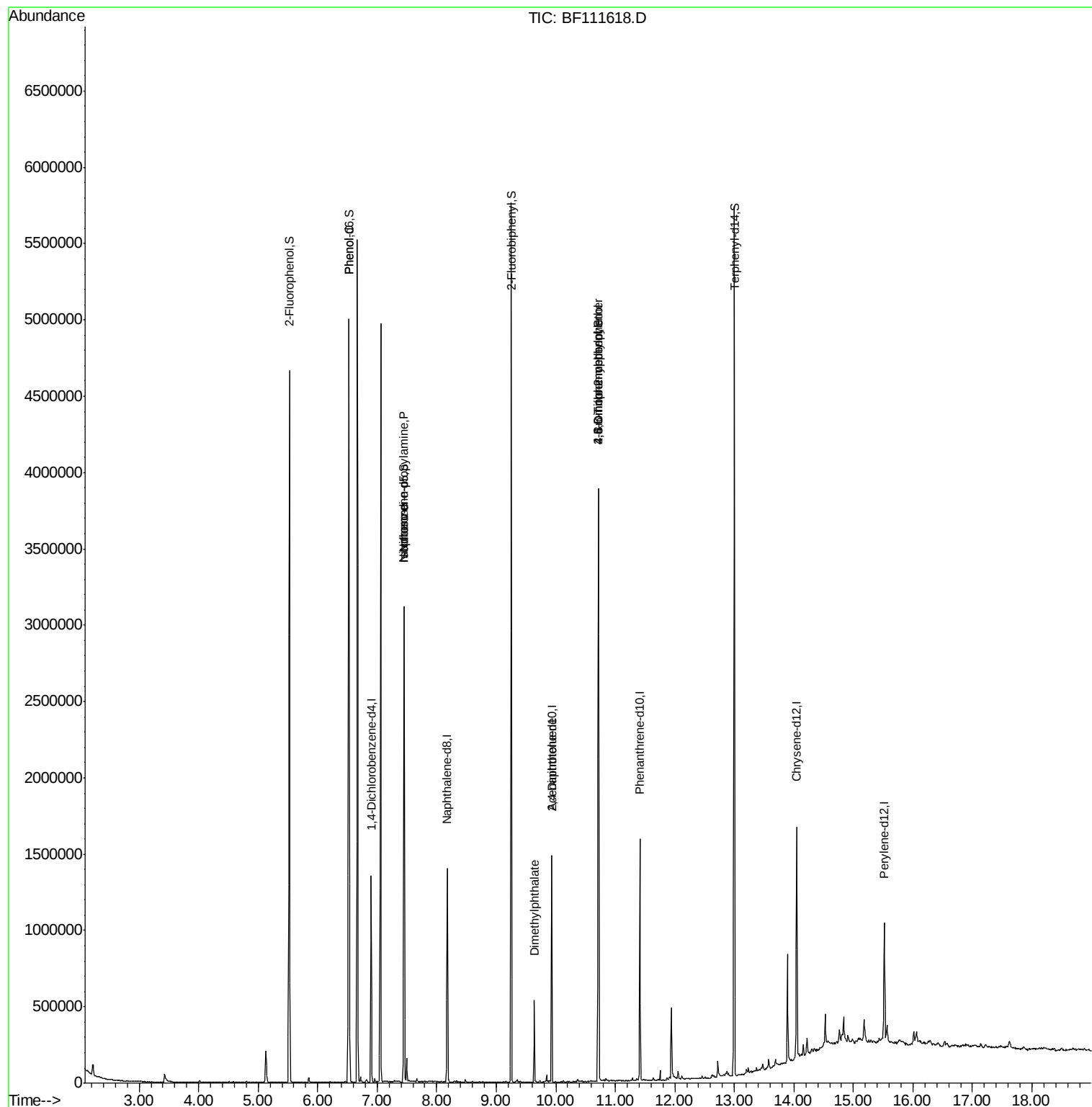
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180135	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	615388	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	294994	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	546273	20.00	ng	0.00
76) Chrysene-d12	14.04	240	496089	20.00	ng	0.00
87) Perylene-d12	15.52	264	368282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1383948	130.96	ng	0.01
7) Phenol-d6	6.53	99	1713752	127.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	1059239	100.19	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	480658	137.90	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1877450	92.77	ng	0.00
79) Terphenyl-d14	13.00	244	2012192	76.92	ng	0.00
Target Compounds						
10) Phenol	6.53	94	101456	6.686	ng	94
19) n-Nitroso-di-n-propylamine	7.45	70	143814	16.101	ng	# 81
25) Isophorone	7.45	82	1059220	56.435	ng	# 64
50) Dimethylphthalate	9.64	163	183767	8.519	ng	99
57) 2,4-Dinitrotoluene	9.93	165	37329	7.221	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	934	7.049	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	29504	4.354	ng	# 1

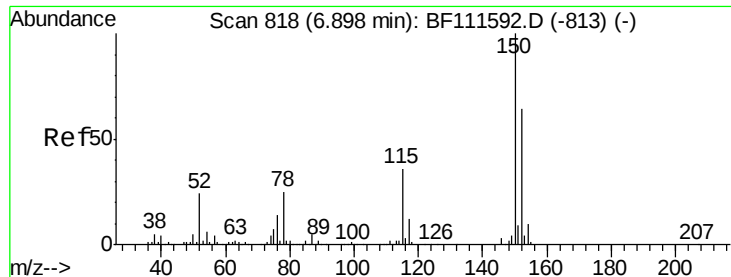
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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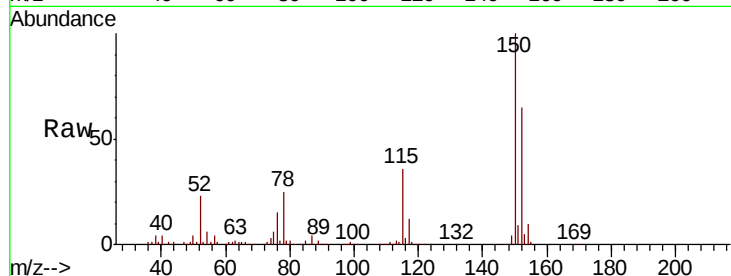


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	55.8	50.7	76.1

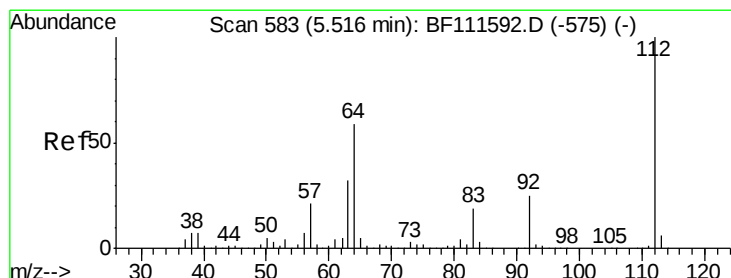
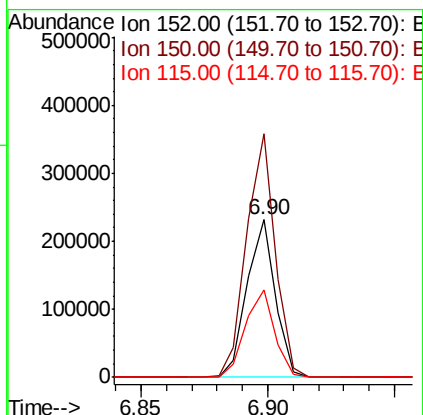
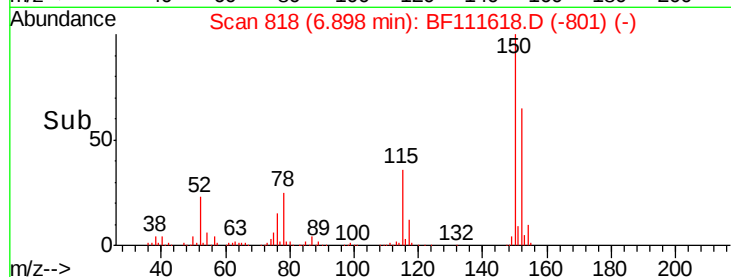


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

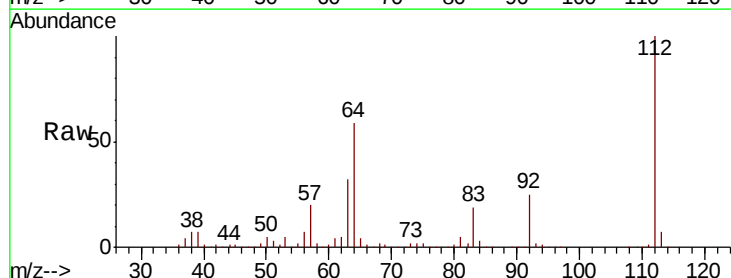
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.957 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	51.8	77.6
63	31.9	26.8	40.2

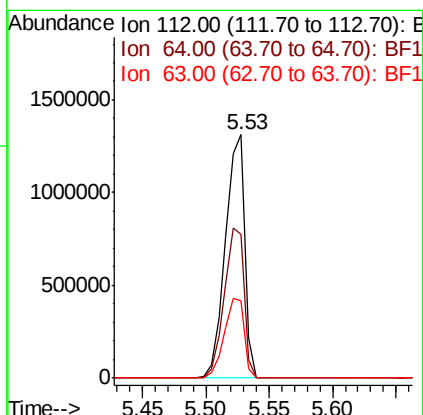
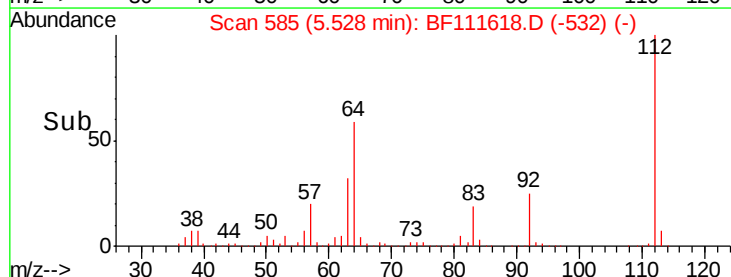


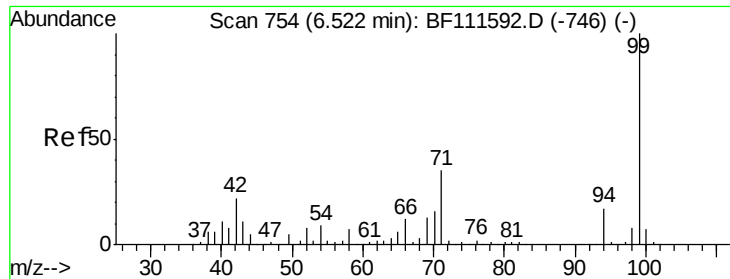
Abundance

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: 127.423 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111618.D

Acq: 20 Dec 2018 4:09

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0612-01

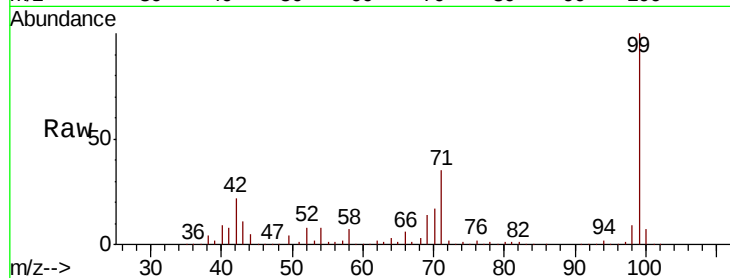
Tgt Ion: 99 Resp: 1713752

Ion Ratio Lower Upper

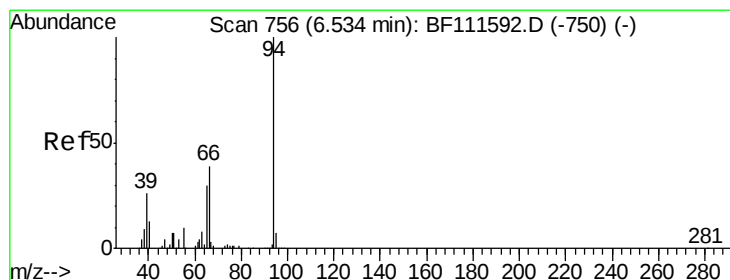
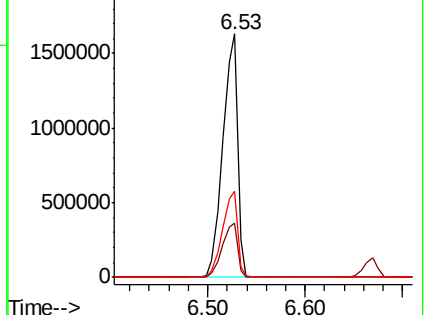
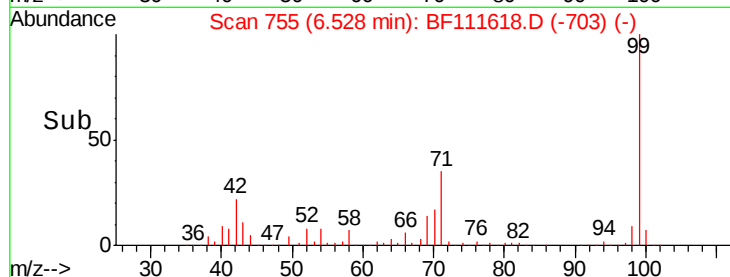
99 100

42 22.3 17.4 26.0

71 35.3 26.1 39.1



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: 6.686 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111618.D

Acq: 20 Dec 2018 4:09

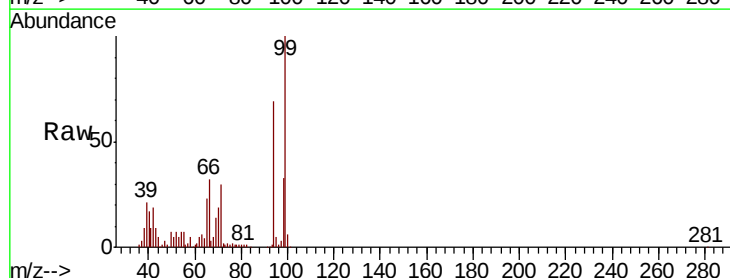
Tgt Ion: 94 Resp: 101456

Ion Ratio Lower Upper

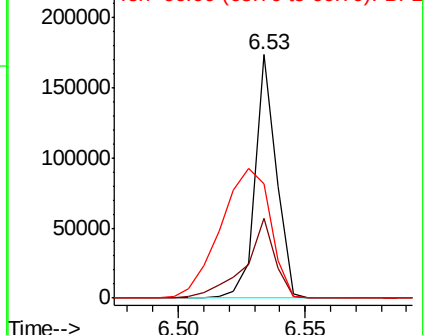
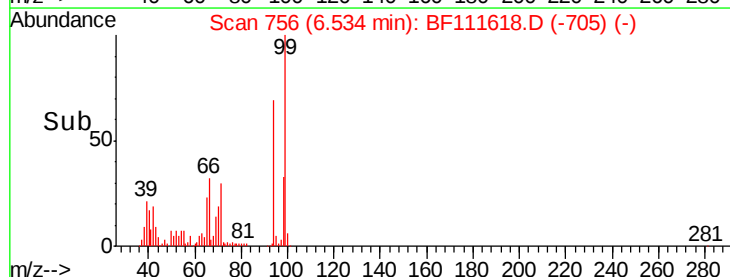
94 100

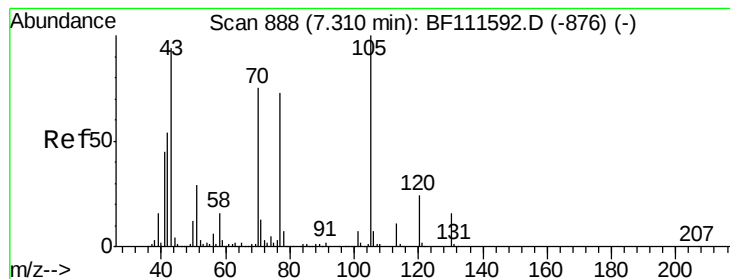
65 32.8 11.7 51.7

66 46.9 21.0 61.0



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: 16.101 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111618.D

Acq: 20 Dec 2018 4:09

Instrument :

BNA_F

ClientSampleId :

P001-SS005-0612-01

Tgt Ion: 70 Resp: 143814

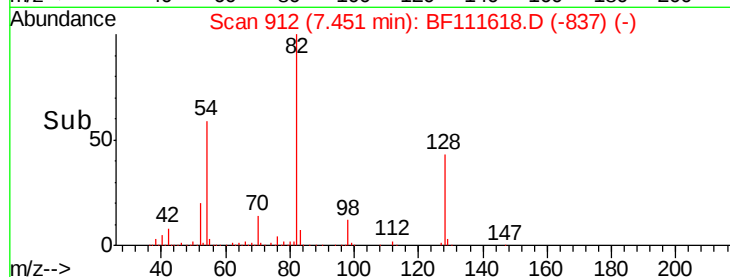
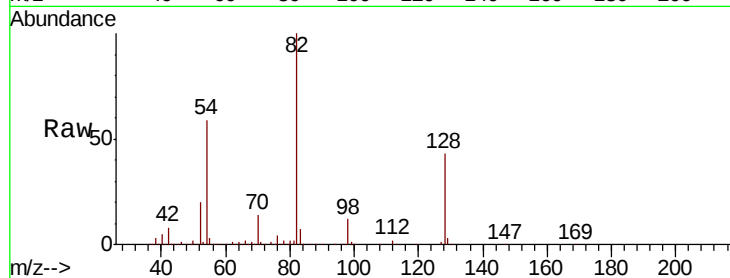
Ion Ratio Lower Upper

70 100

42 58.9 53.2 79.8

101 0.0 8.2 12.4#

130 2.3 18.1 27.1#



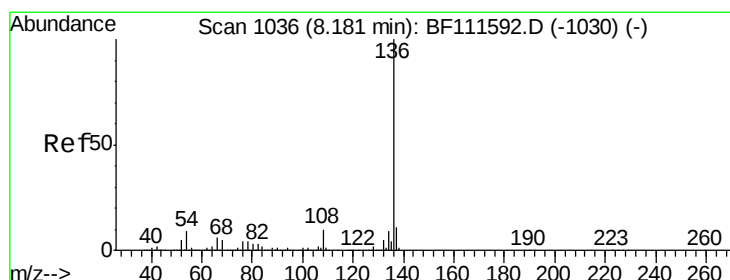
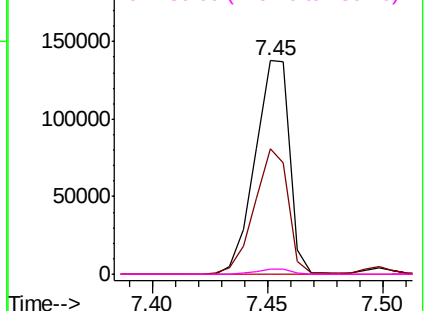
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111618.D

Acq: 20 Dec 2018 4:09

Tgt Ion: 136 Resp: 615388

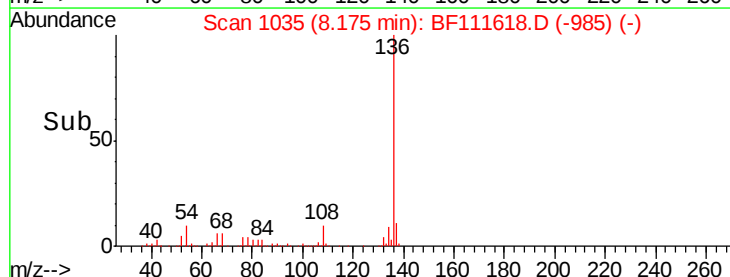
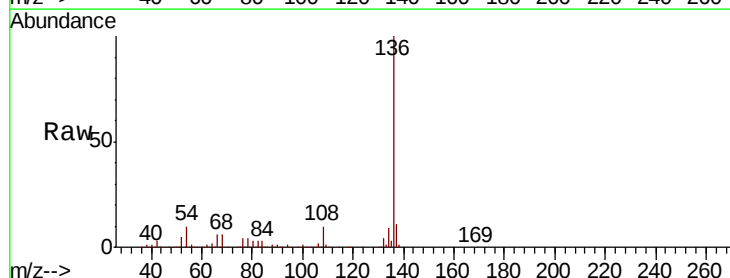
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.8 7.7 11.5

68 5.9 4.9 7.3



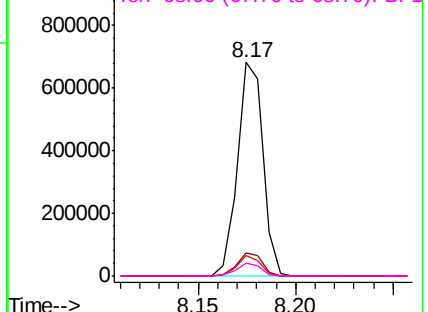
Abundance

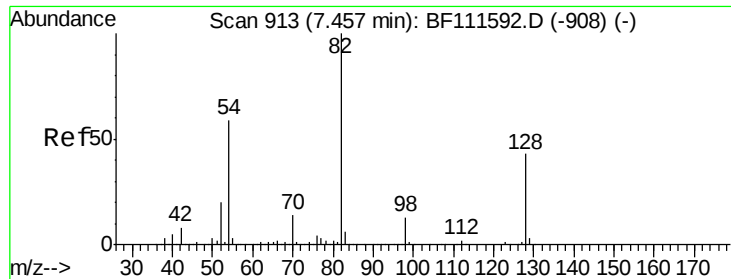
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

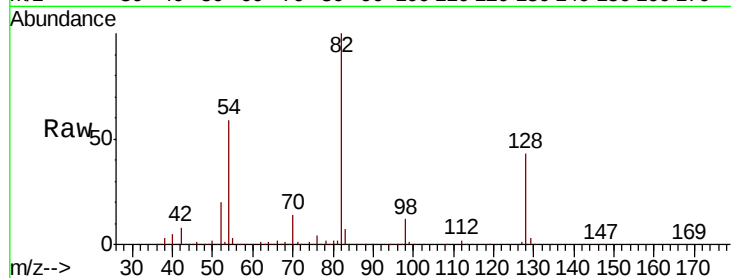




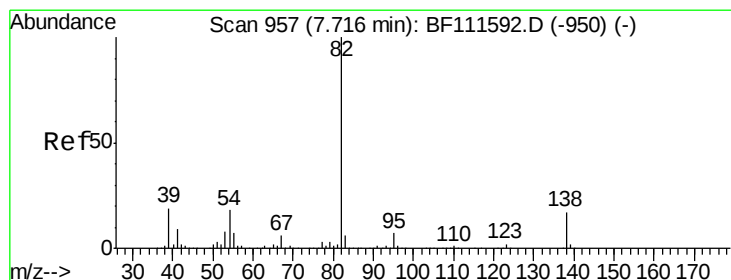
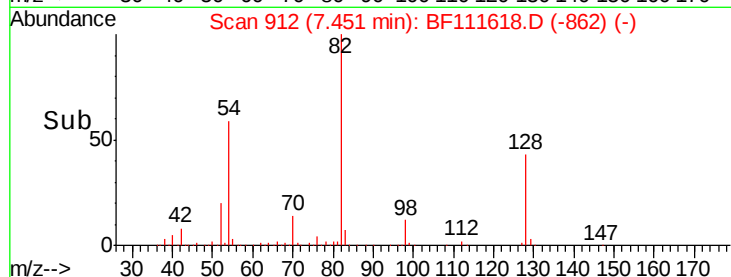
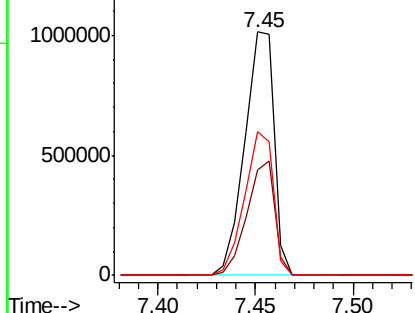
#23
 Nitrobenzene-d5
 Concen: 100.190 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111618.D
 Acq: 20 Dec 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0612-01

Tgt Ion: 82 Resp: 1059239
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.4 56.2
 54 59.2 47.6 71.4

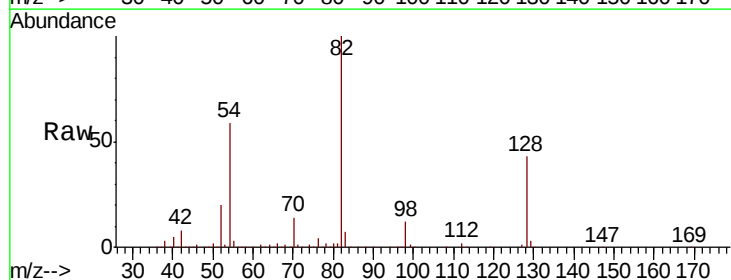


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

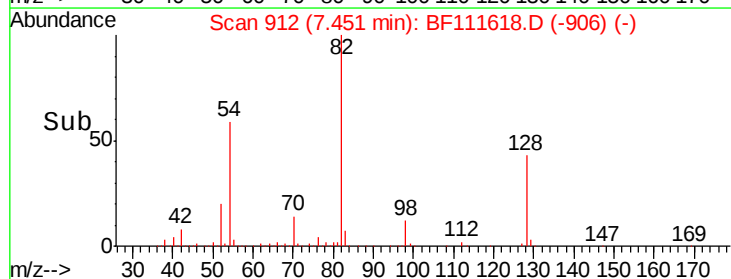
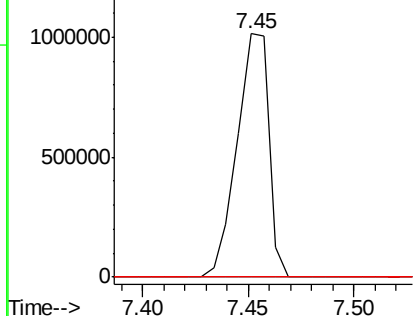


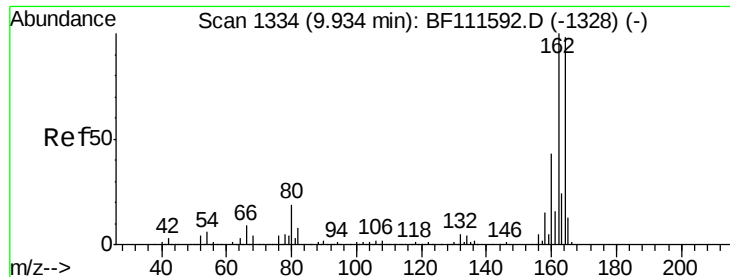
#25
 Isophorone
 Concen: 56.435 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF111618.D
 Acq: 20 Dec 2018 4:09

Tgt Ion: 82 Resp: 1059220
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#



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

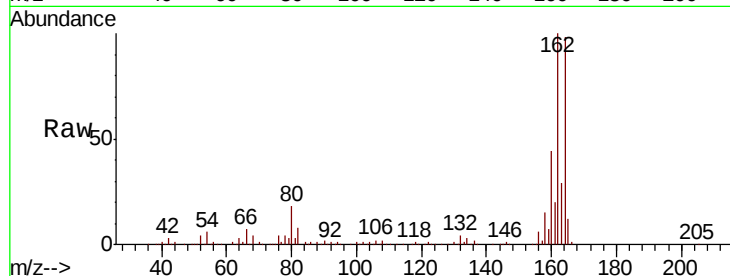




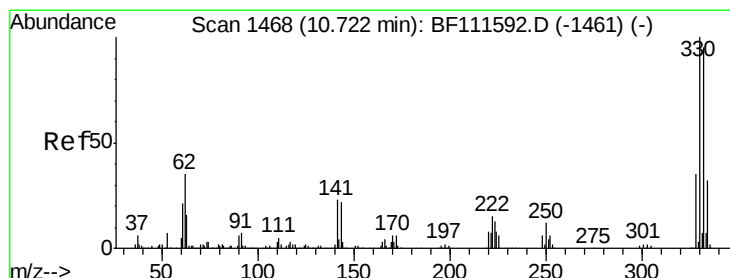
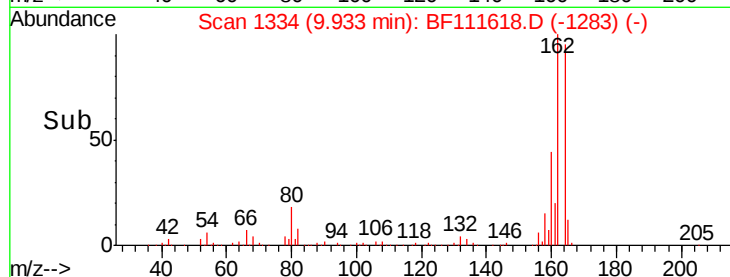
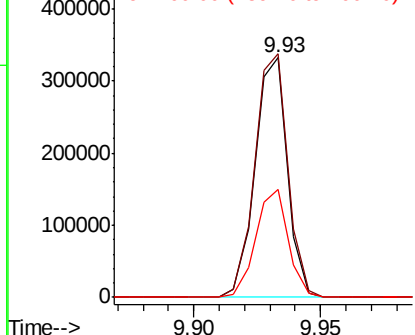
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111618.D
 Acq: 20 Dec 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0612-01

Tgt Ion:164 Resp: 294994
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.4 122.0
 160 45.0 35.7 53.5

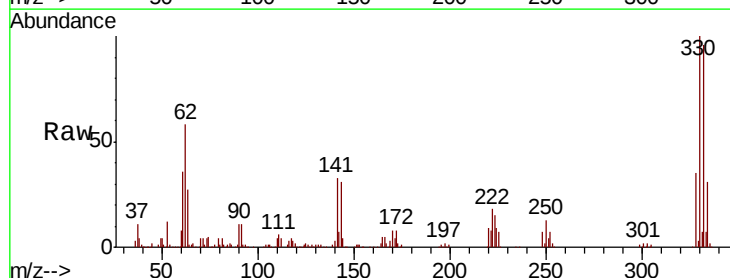


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

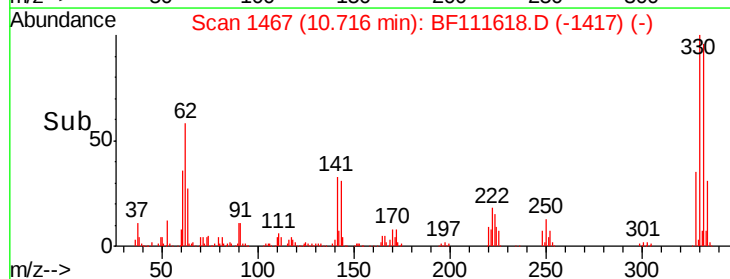
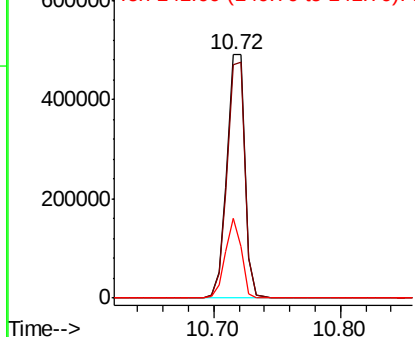


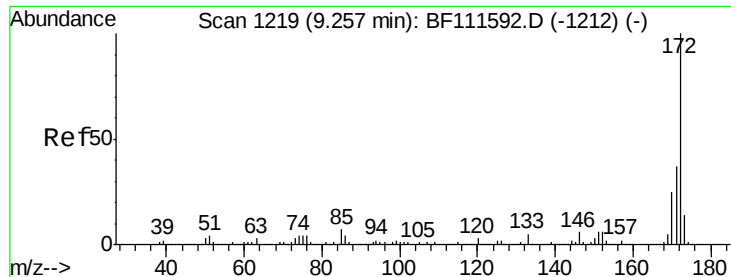
#42
 2,4,6-Tribromophenol
 Concen: 137.899 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111618.D
 Acq: 20 Dec 2018 4:09

Tgt Ion:330 Resp: 480658
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 29.8 31.0 46.6#



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

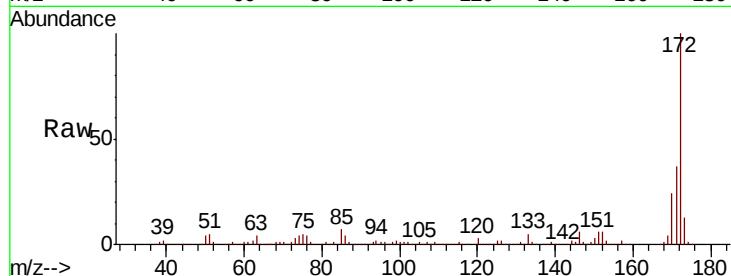




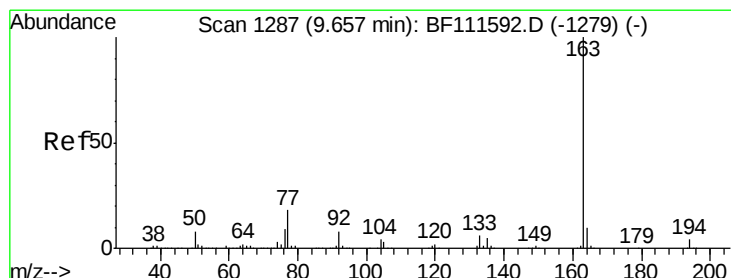
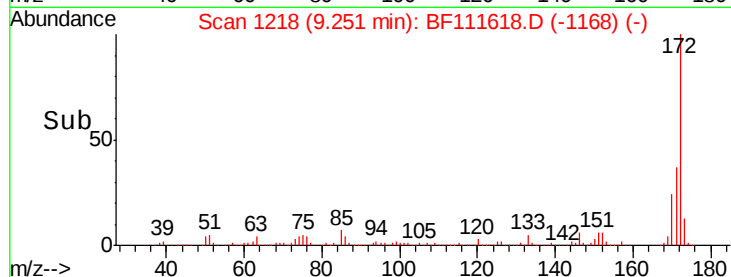
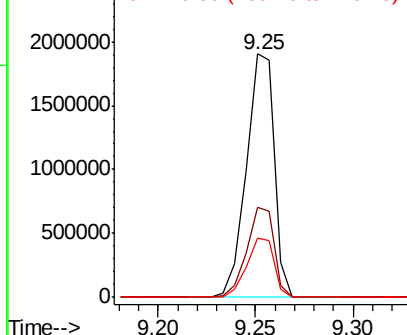
#45
2-Fluorobiphenyl
Concen: 92.765 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:172 Resp: 1877450
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.3 22.3 33.5

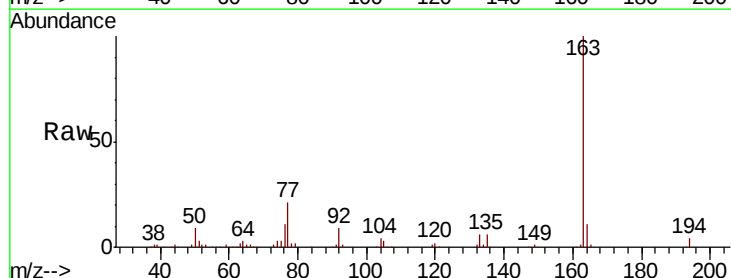


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

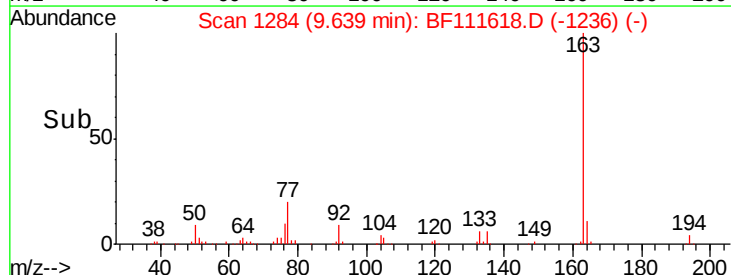
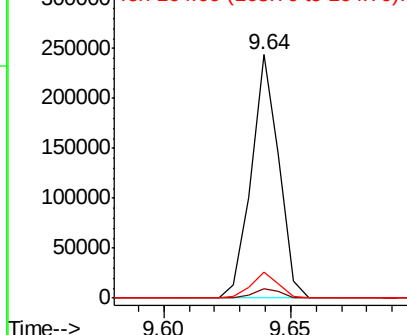


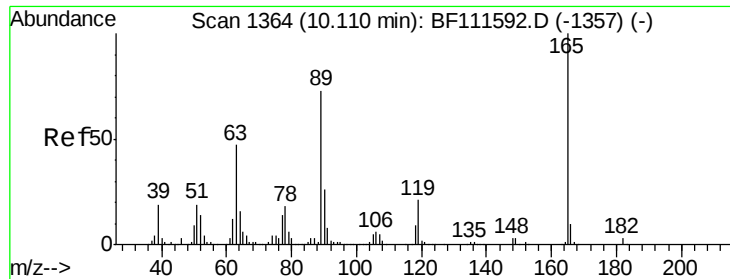
#50
Dimethylphthalate
Concen: 8.519 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion:163 Resp: 183767
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.5 8.9 13.3



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

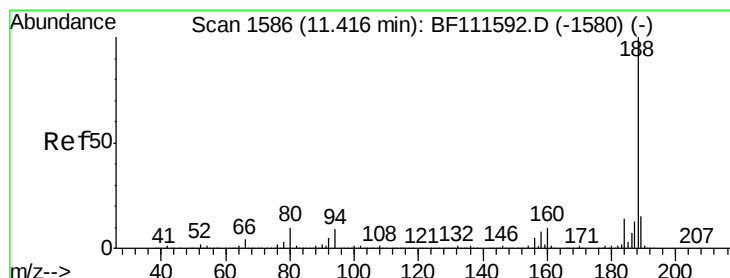
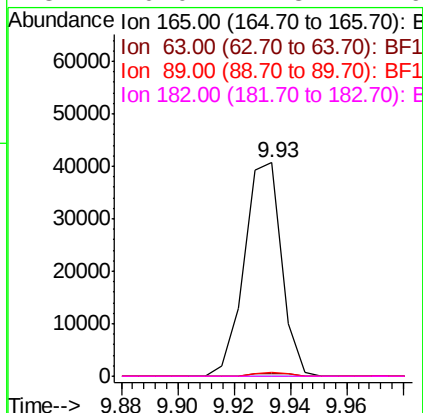
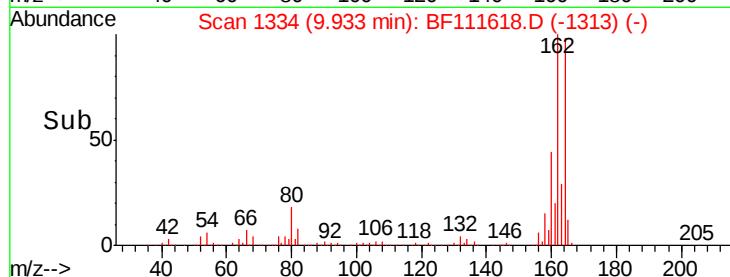
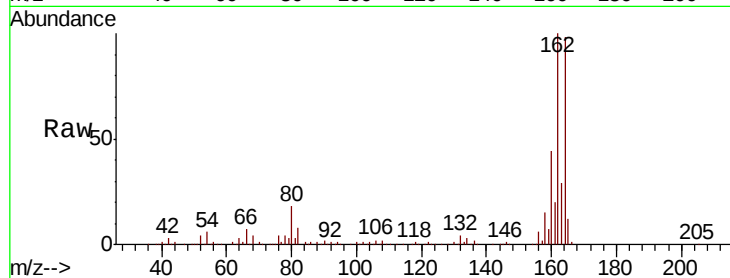




#57
 2,4-Dinitrotoluene
 Concen: 7.221 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111618.D
 Acq: 20 Dec 2018 4:09

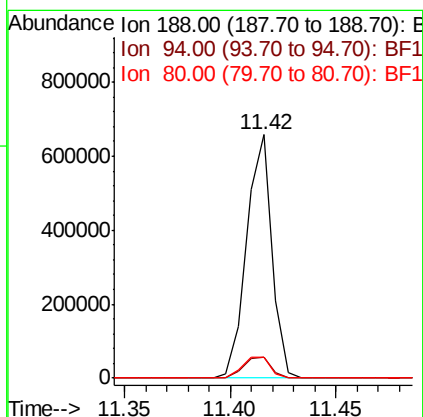
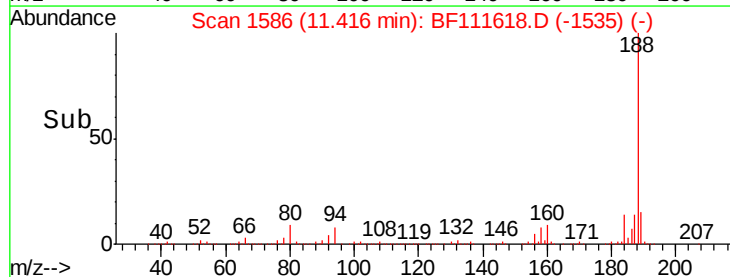
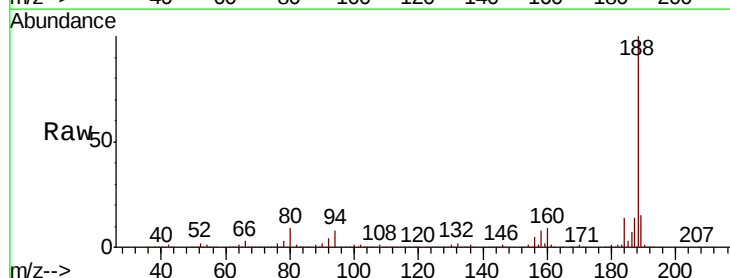
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0612-01

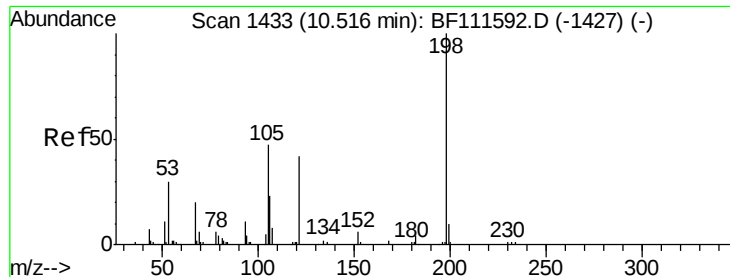
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF111618.D
 Acq: 20 Dec 2018 4:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.6	14.4#
80	8.8	9.8	14.6#

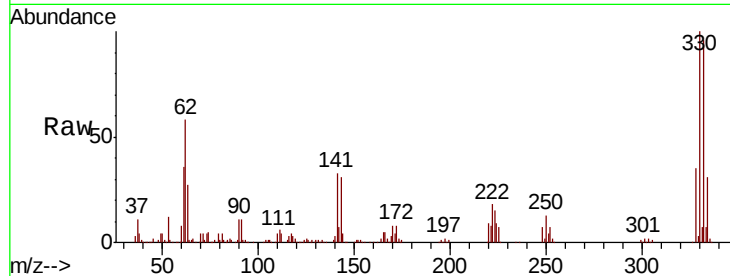




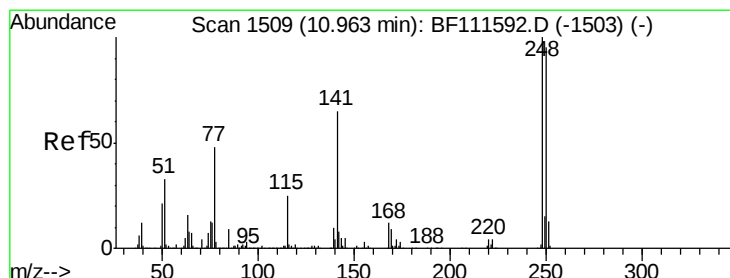
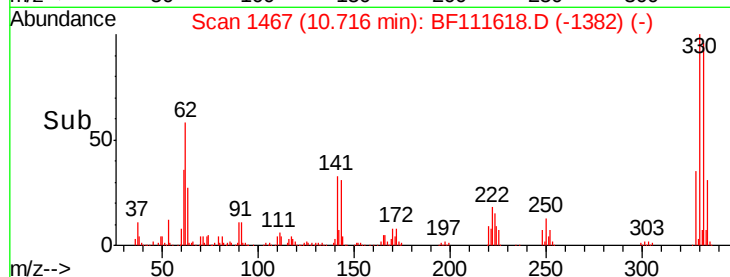
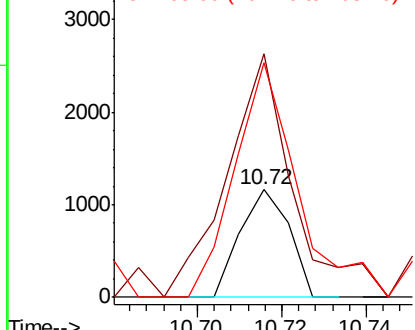
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.049 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF111618.D
 Acq: 20 Dec 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS005-0612-01

Tgt Ion:198 Resp: 934
 Ion Ratio Lower Upper
 198 100
 51 226.2 48.0 88.0#
 105 217.6 34.0 74.0#

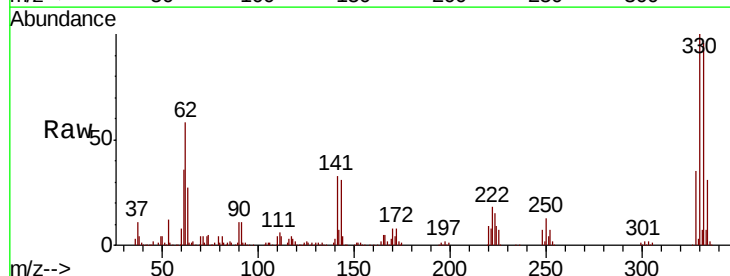


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

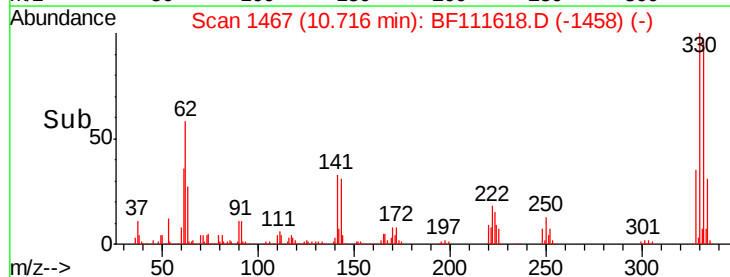
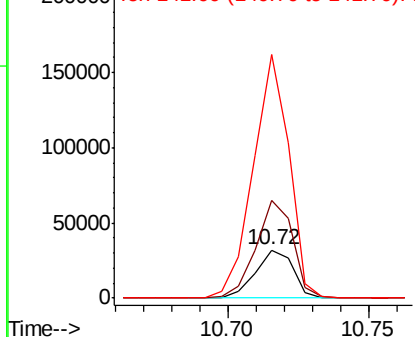


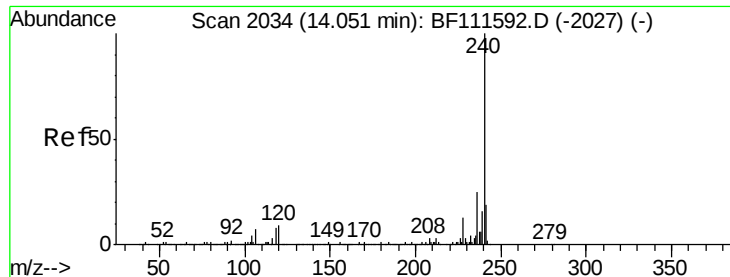
#67
 4-Bromophenyl-phenylether
 Concen: 4.354 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111618.D
 Acq: 20 Dec 2018 4:09

Tgt Ion:248 Resp: 29504
 Ion Ratio Lower Upper
 248 100
 250 202.2 77.0 115.4#
 141 506.6 63.0 94.6#



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

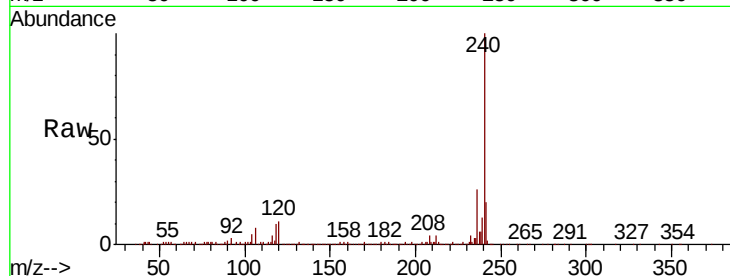




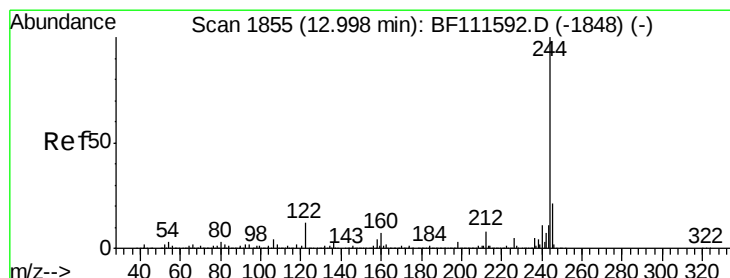
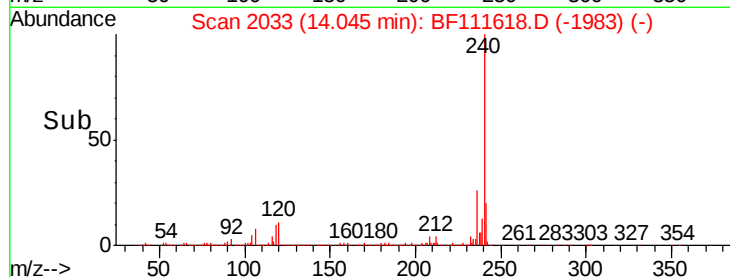
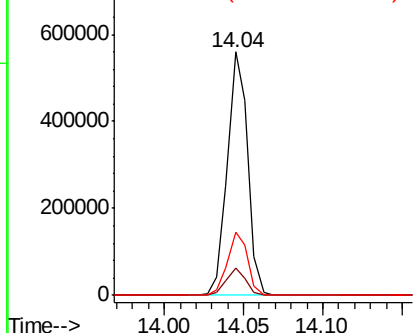
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:240 Resp: 496089
Ion Ratio Lower Upper
240 100
120 11.3 12.2 18.2#
236 25.8 20.2 30.2

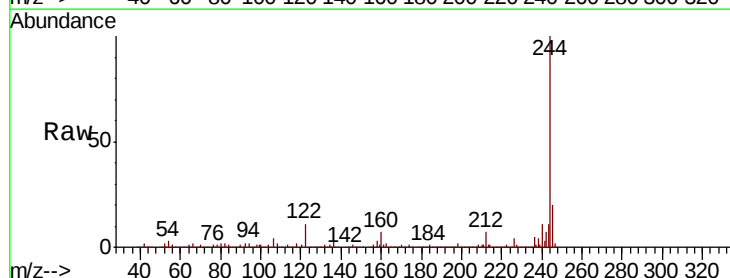


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

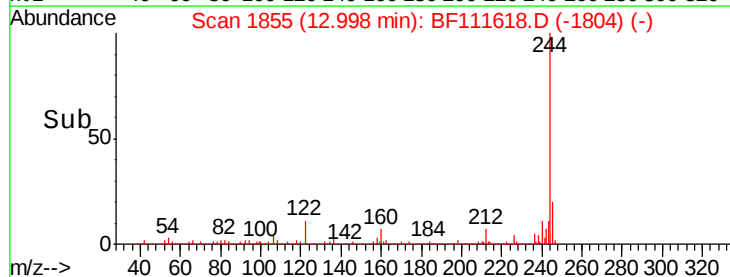
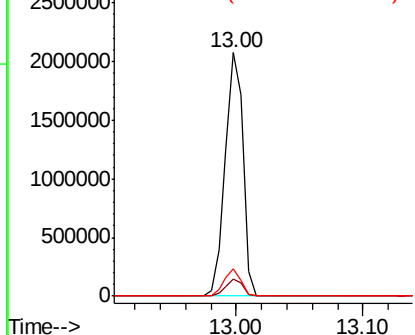


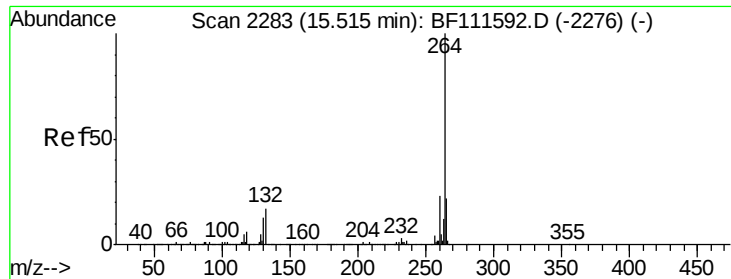
#79
Terphenyl-d14
Concen: 76.921 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Tgt Ion:244 Resp: 2012192
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.2 13.1 19.7#



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111618.D
Acq: 20 Dec 2018 4:09

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.1	17.7	26.5

