

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111678.D
 Acq On : 21 Dec 2018 9:52
 Operator : JU/SJ
 Sample : J6502-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 21 13:46:02 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	181532	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	609175	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	266176	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	426591	20.00	ng	0.00
76) Chrysene-d12	14.04	240	458897	20.00	ng	0.00
87) Perylene-d12	15.52	264	347162	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	446317	41.91	ng	0.00
7) Phenol-d6	6.51	99	340913	25.15	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1090907	104.24	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	266870	84.85	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1920326	105.16	ng	0.00
79) Terphenyl-d14	13.00	244	1541289	63.69	ng	0.00

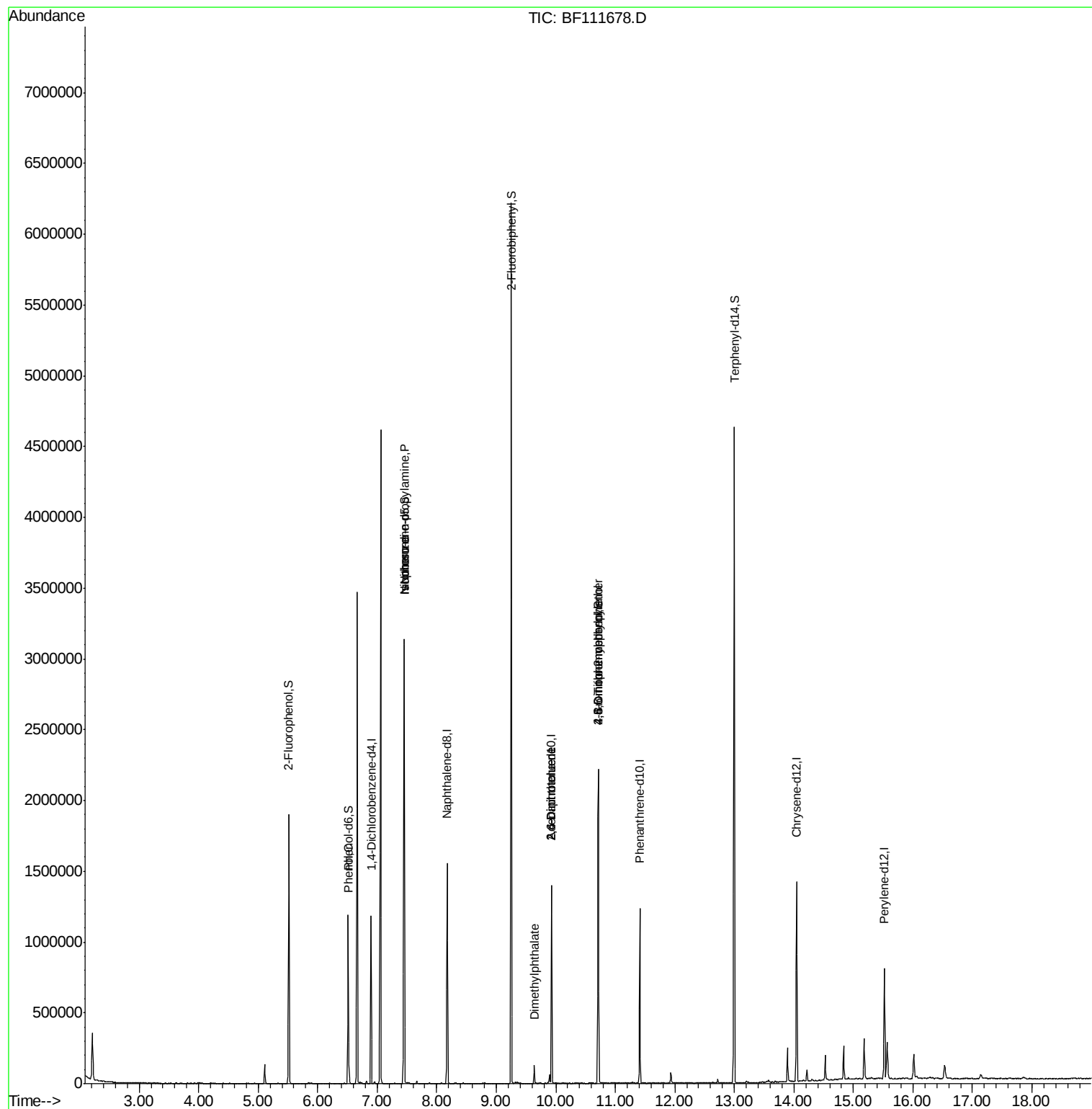
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	35984	2.353	ng	96
19) n-Nitroso-di-n-propylamine	7.45	70	150969	16.772	ng	# 80
25) Isophorone	7.46	82	1090897	58.716	ng	# 64
50) Dimethylphthalate	9.64	163	43743	2.247	ng	96
51) 2,6-Dinitrotoluene	9.93	165	33723	8.689	ng	# 30
57) 2,4-Dinitrotoluene	9.93	165	33723	7.229	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	379	6.878	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	16121	3.047	ng	# 1

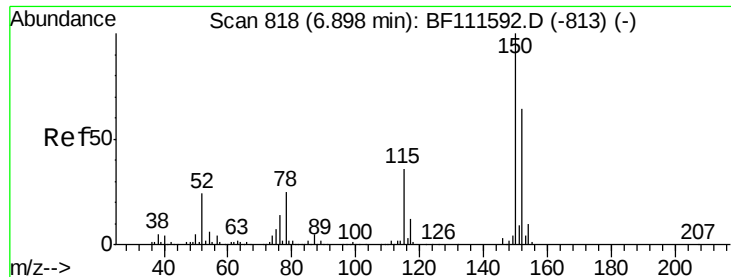
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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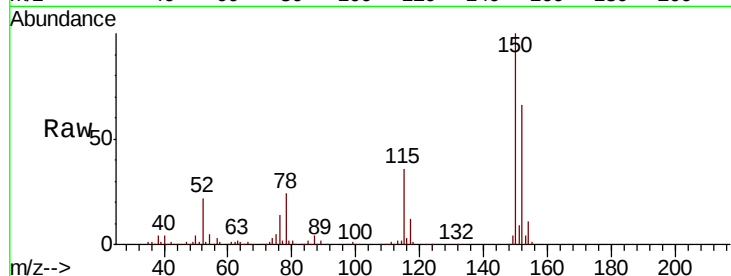


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	53.8	50.7	76.1

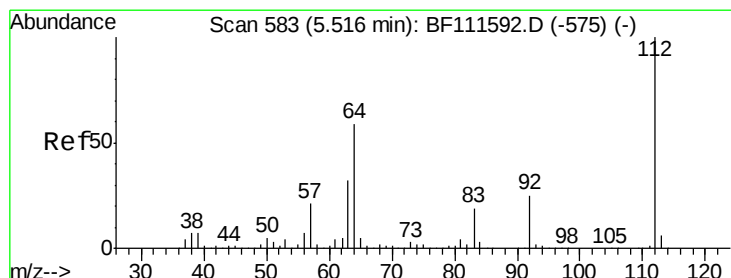
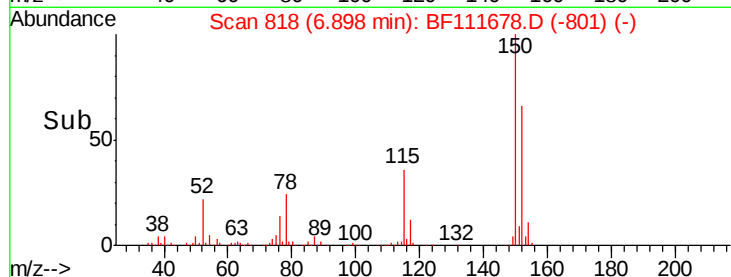
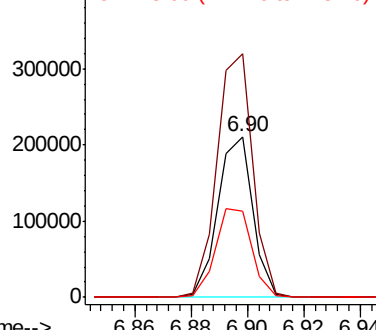


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

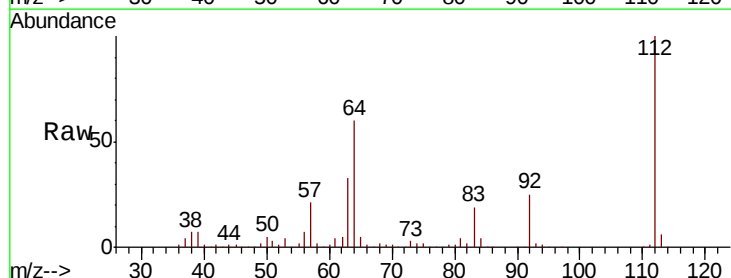
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.908 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	32.7	26.8	40.2

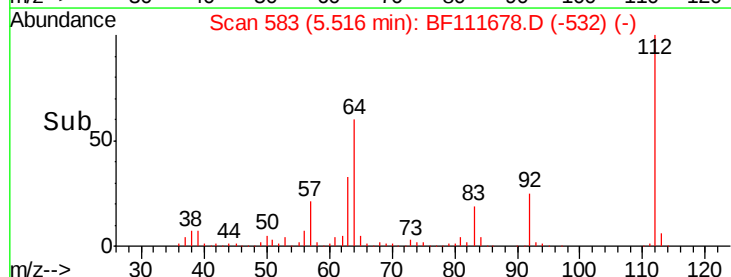
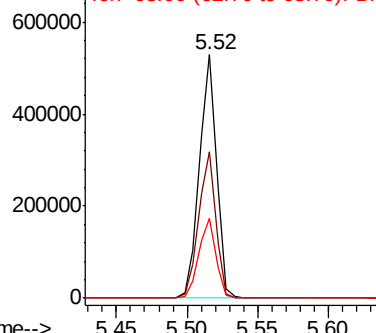


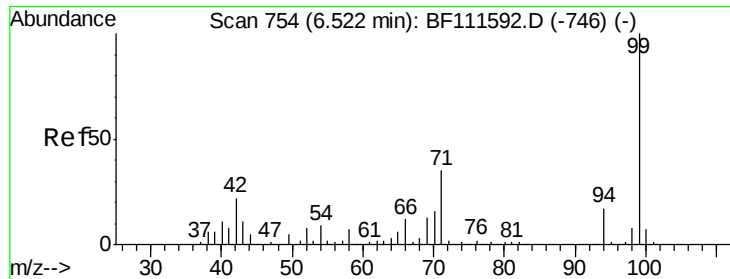
Abundance

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: 25.153 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

Instrument :

BNA_F

ClientSampleId :

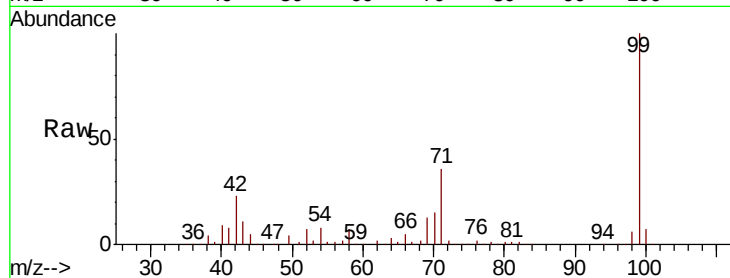
Tot Ion: 99 Resp: 340913

Ion Ratio Lower Upper

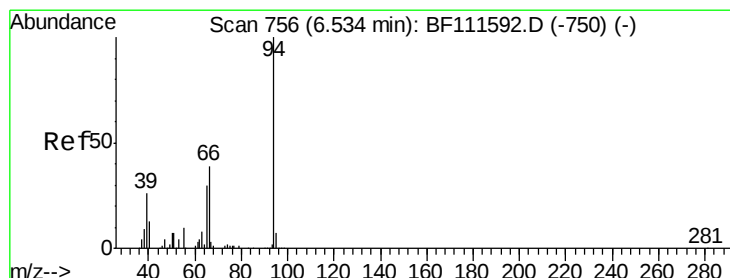
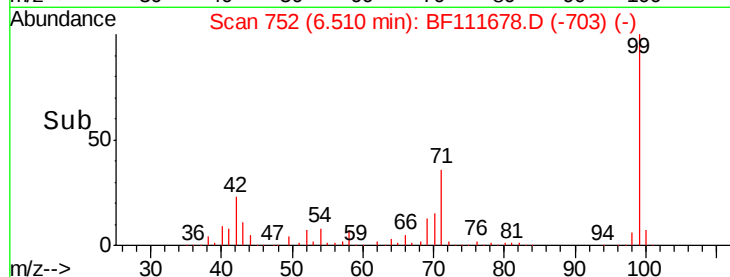
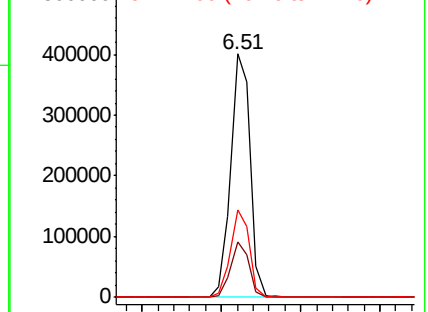
99 100

42 22.8 17.4 26.0

71 36.2 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: 2.353 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

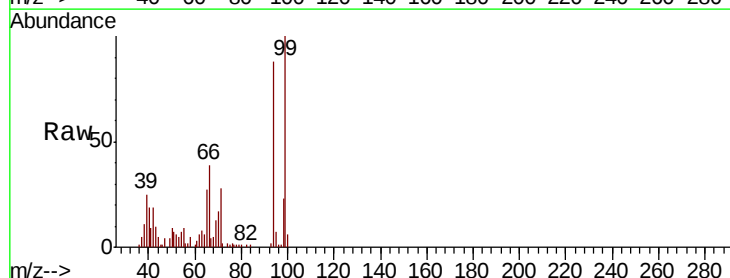
Tgt Ion: 94 Resp: 35984

Ion Ratio Lower Upper

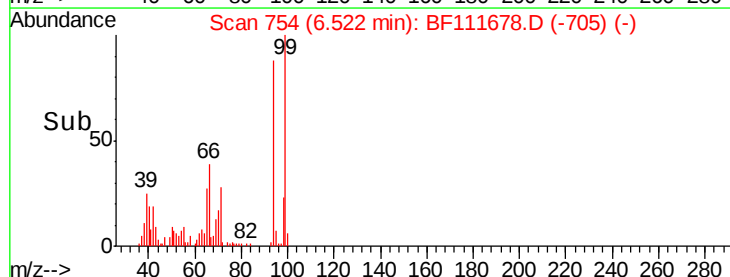
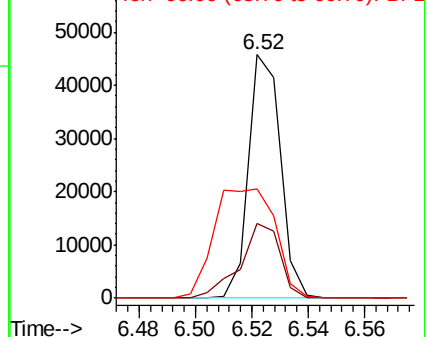
94 100

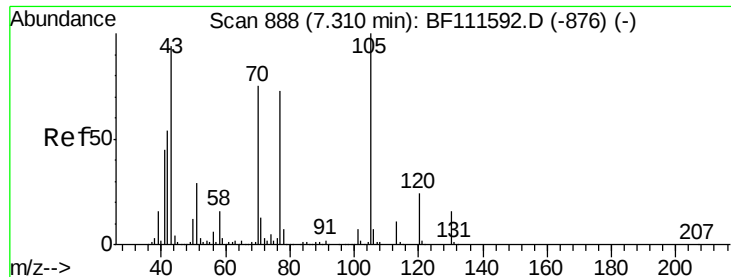
65 30.7 11.7 51.7

66 44.7 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

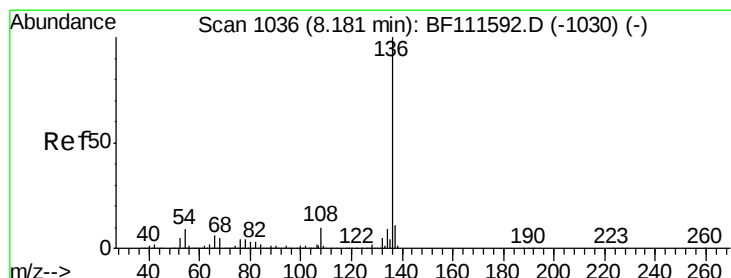
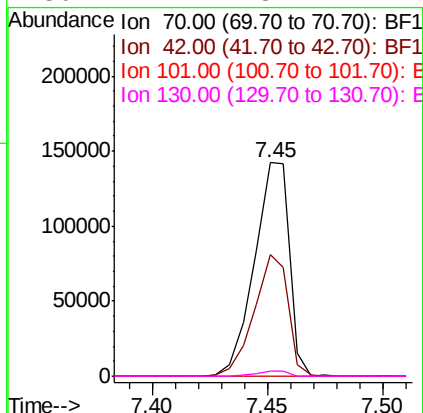
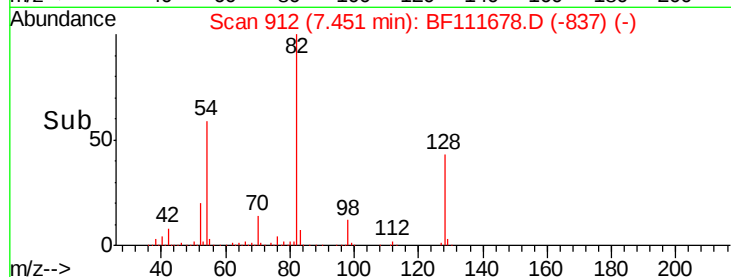
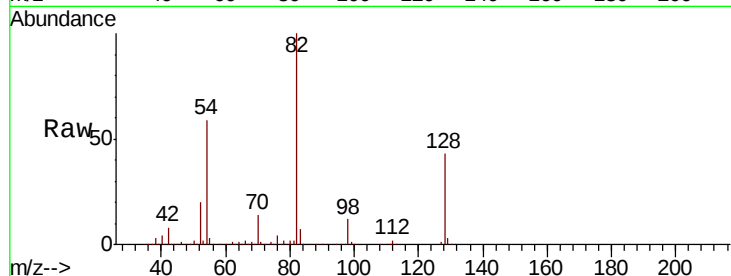




#19
n-Nitroso-di-n-propylamine
Concen: 16.772 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

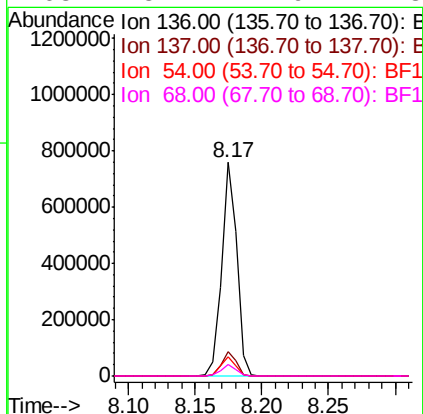
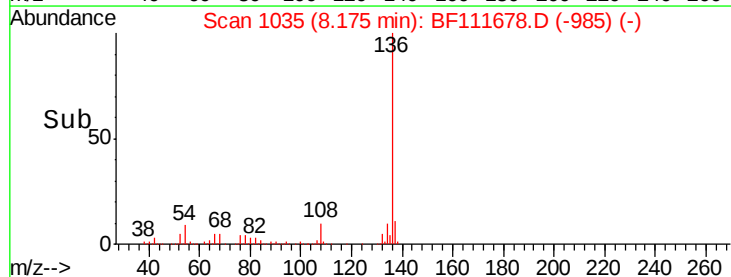
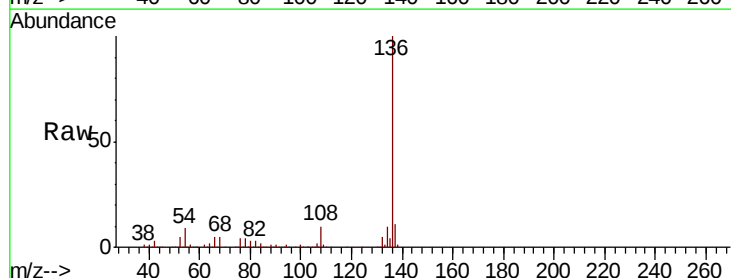
Instrument :
BNA_F
ClientSampled :

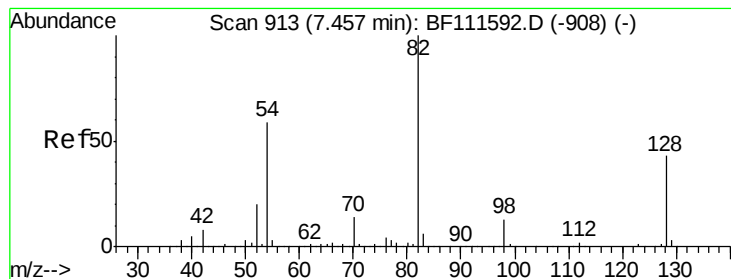
Tot Ion: 70 Resp: 150969
Ion Ratio Lower Upper
70 100
42 57.1 53.2 79.8
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Tgt Ion: 136 Resp: 609175
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.1 7.7 11.5
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 104.238 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

Instrument :

BNA_F

ClientSampleId :

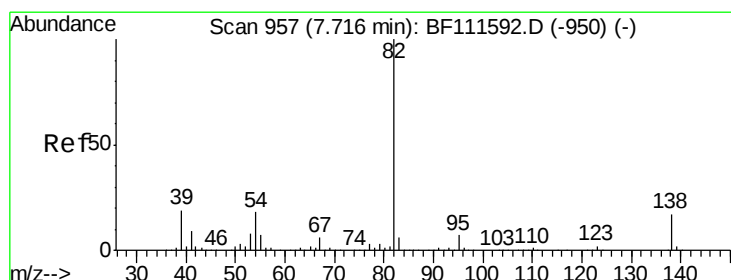
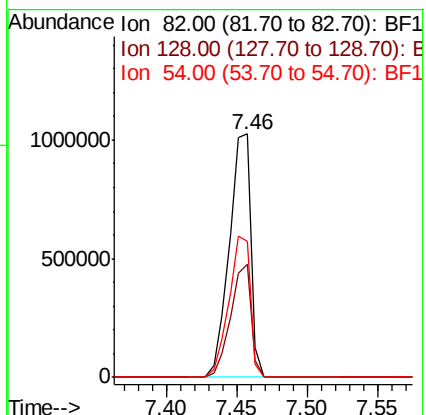
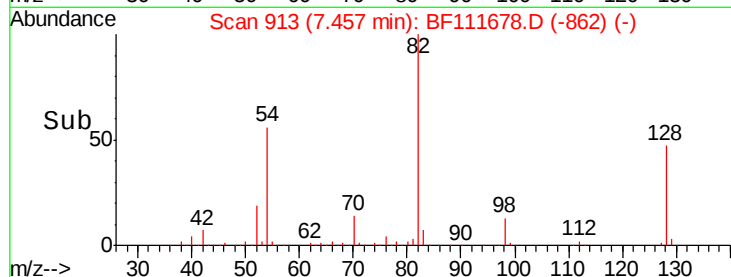
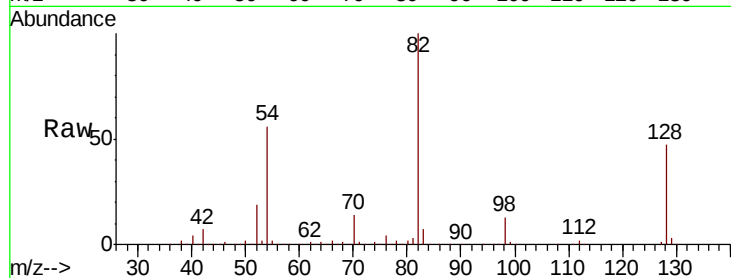
Tot Ion: 82 Resp: 1090907

Ion Ratio Lower Upper

82 100

128 46.5 37.4 56.2

54 55.8 47.6 71.4



#25

Isophorone

Concen: 58.716 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

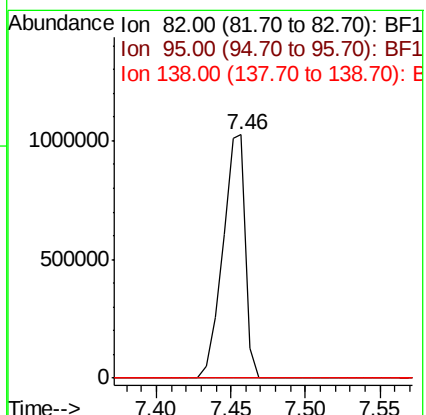
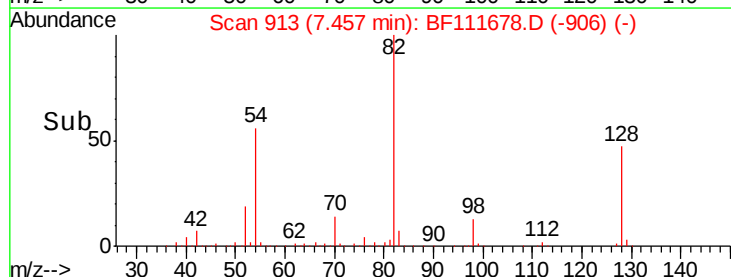
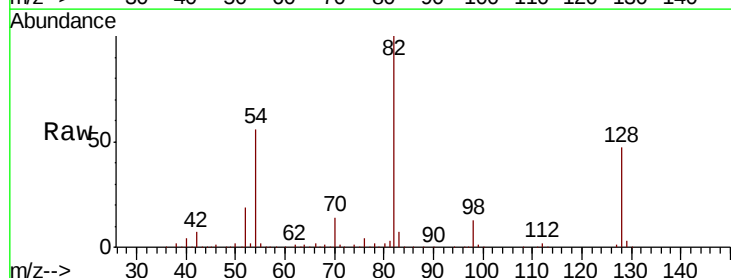
Tgt Ion: 82 Resp: 1090897

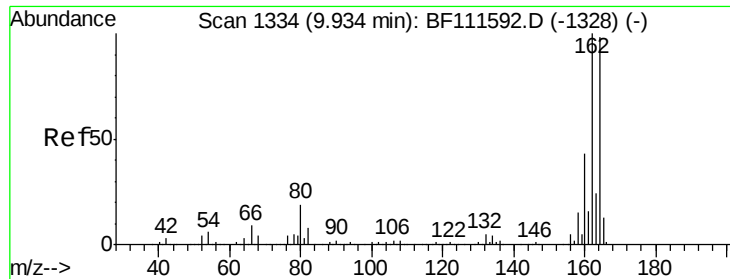
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.1 22.7#

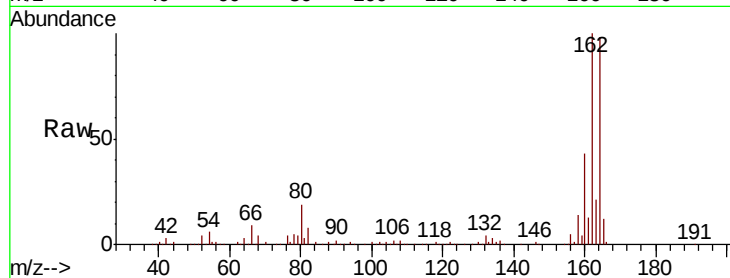




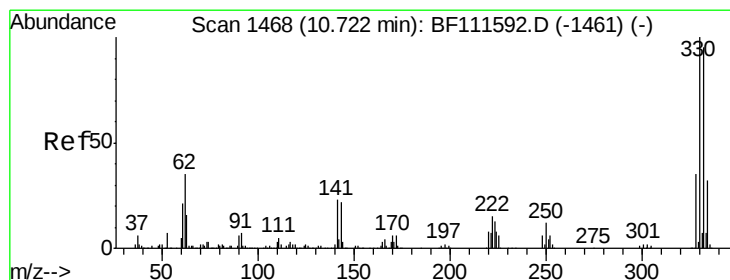
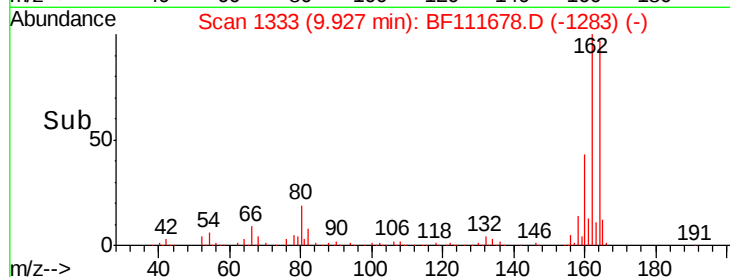
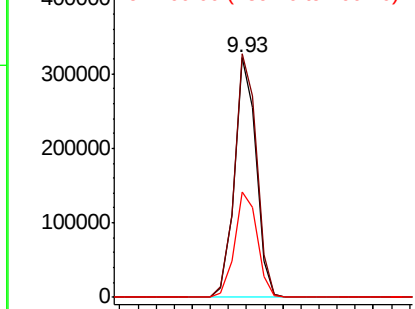
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	43.9	35.7	53.5

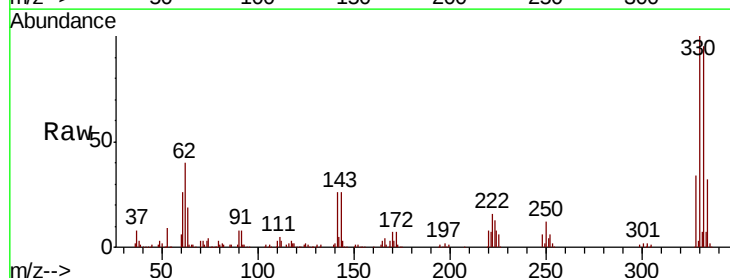


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

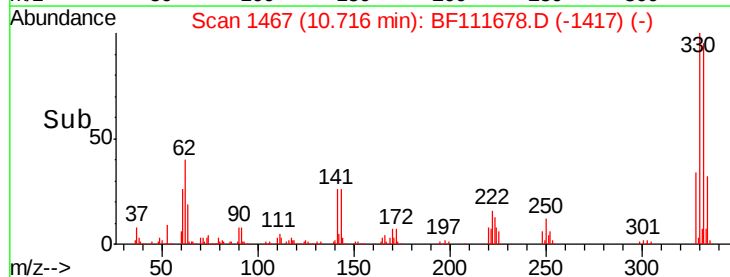
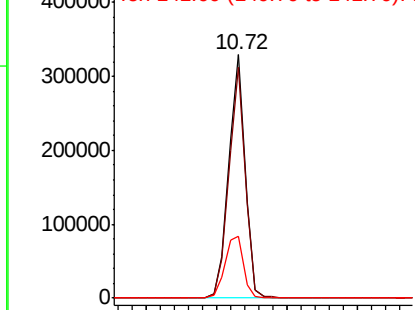


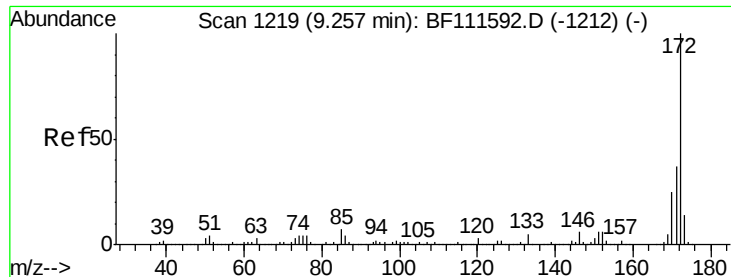
#42
2,4,6-Tribromophenol
Concen: 84.853 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.0	114.0
141	28.8	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

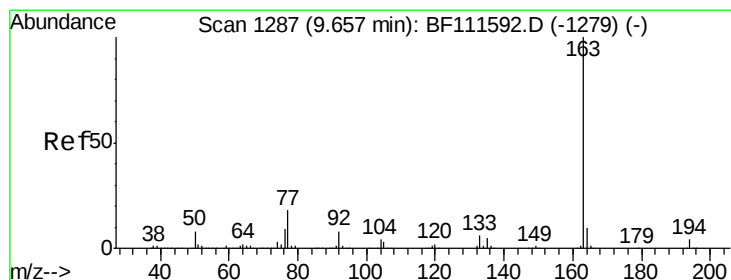
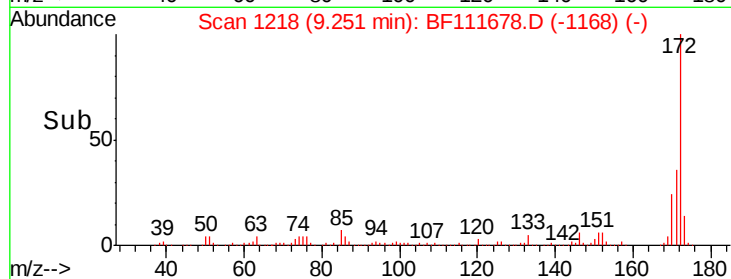
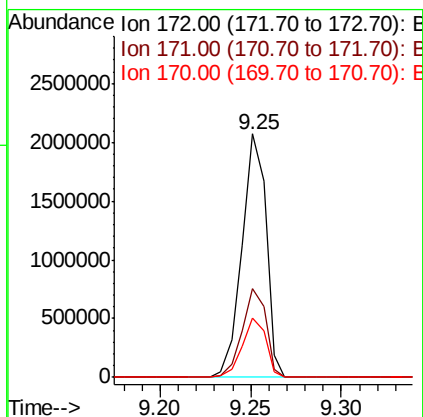
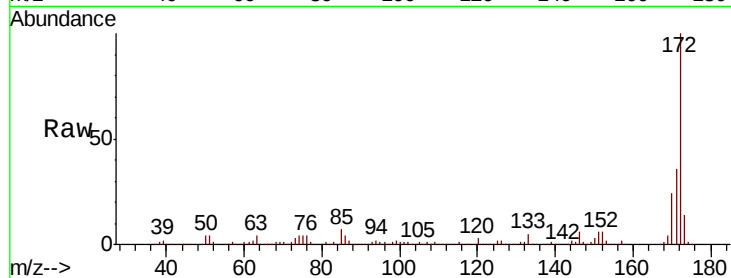




#45
2-Fluorobiphenyl
Concen: 105.157 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

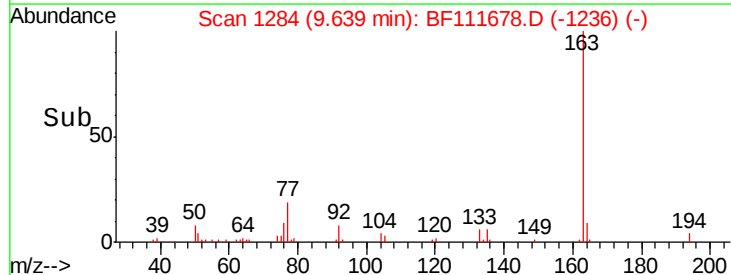
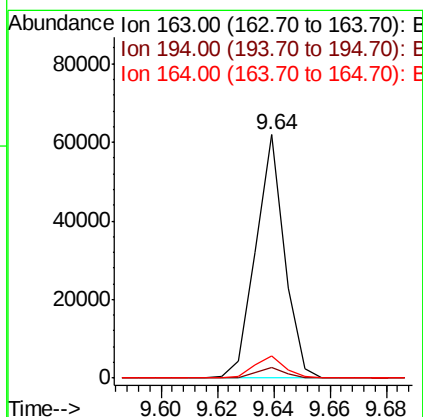
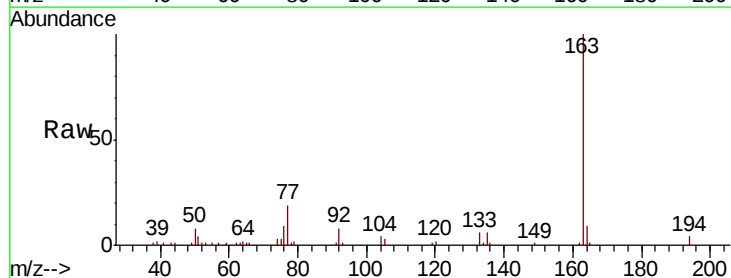
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BNA_F
ClientSampled :

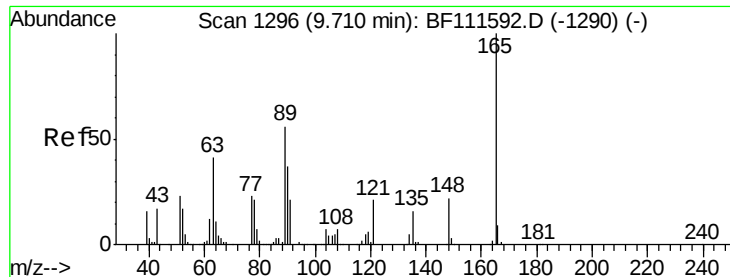
Tot Ion:172 Resp: 1920326
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.2 22.3 33.5



#50
Dimethylphthalate
Concen: 2.247 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Tgt Ion:163 Resp: 43743
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.3 8.9 13.3

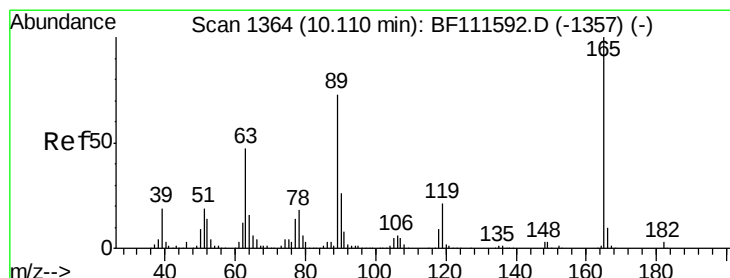
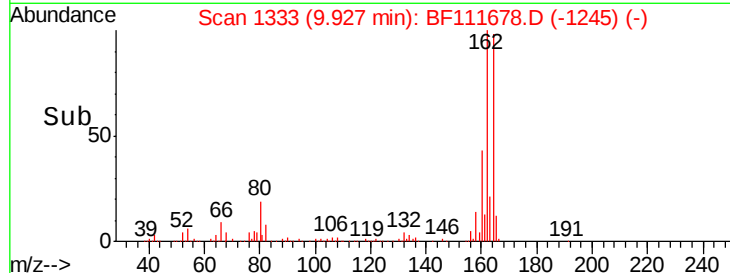
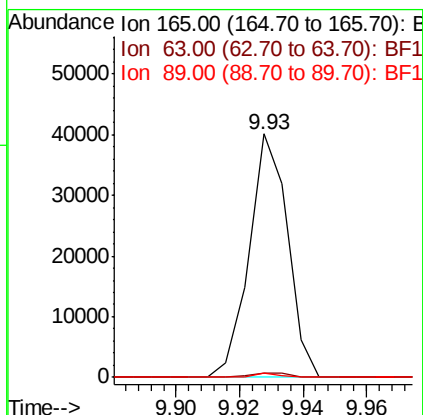
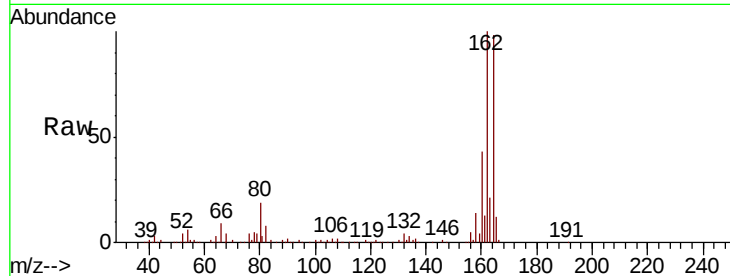




#51
 2,6-Dinitrotoluene
 Concen: 8.689 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111678.D
 Acq: 21 Dec 2018 9:52

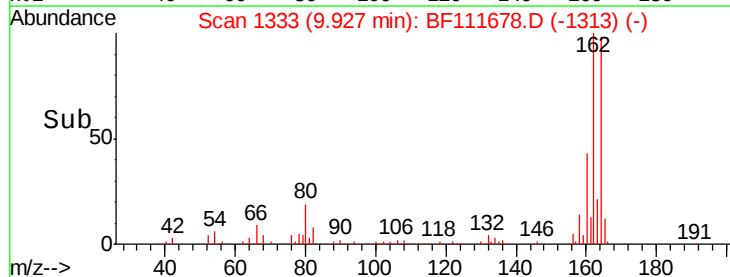
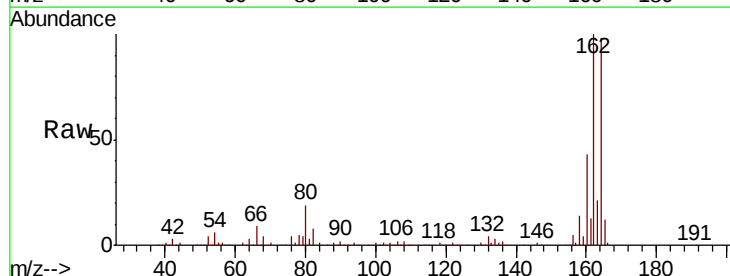
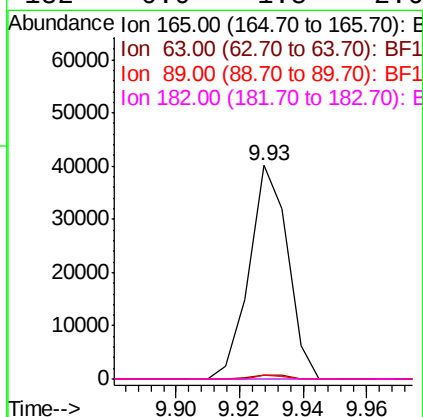
Instrument :
 BNA_F
 ClientSampleId :

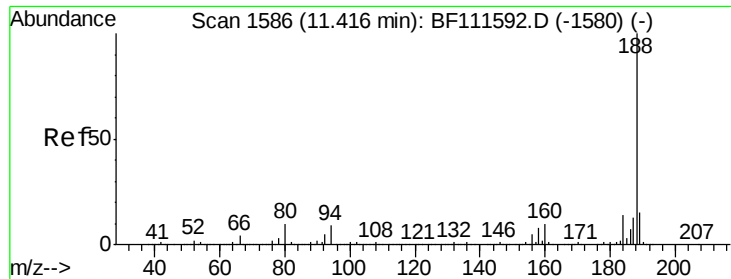
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.5	60.7#
89	1.6	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 7.229 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.18 min
 Lab File: BF111678.D
 Acq: 21 Dec 2018 9:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#

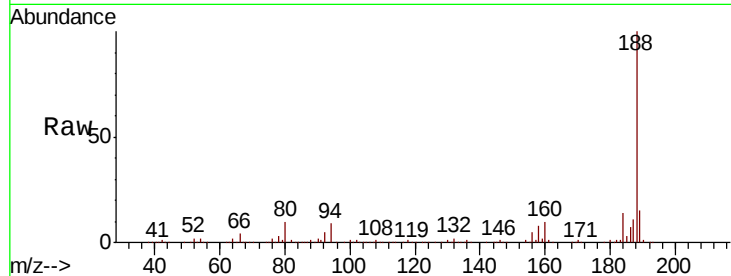




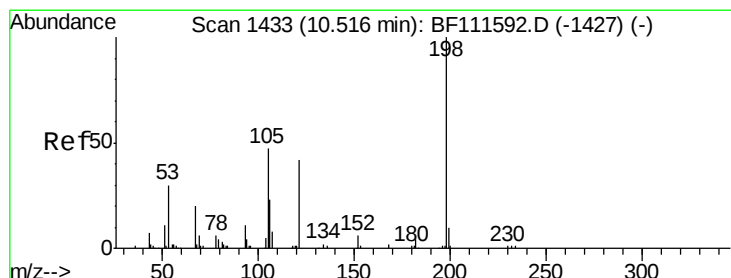
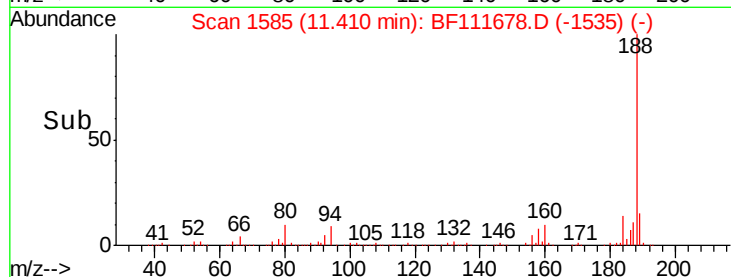
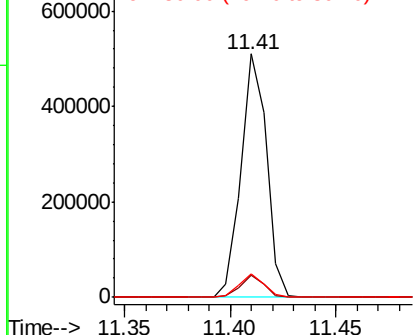
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111678.D
 Acq: 21 Dec 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.6	14.4#
80	9.6	9.8	14.6#

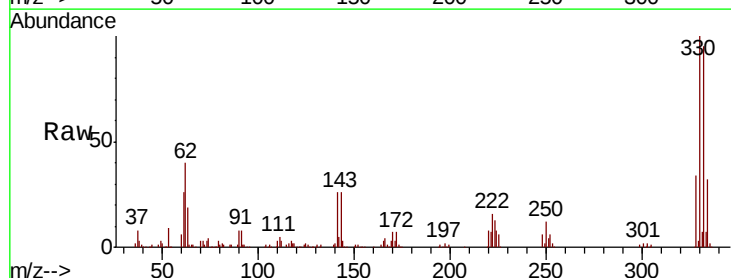


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

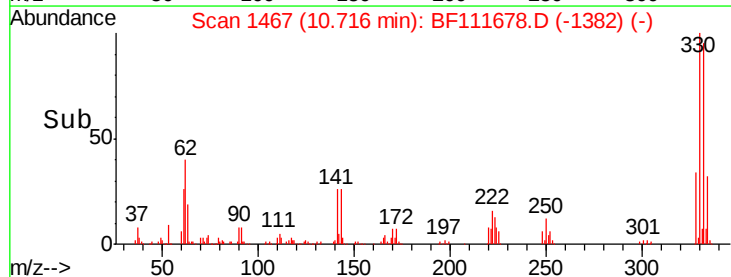
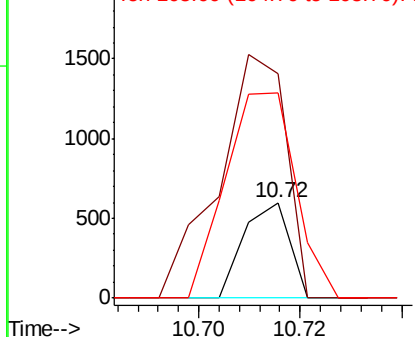


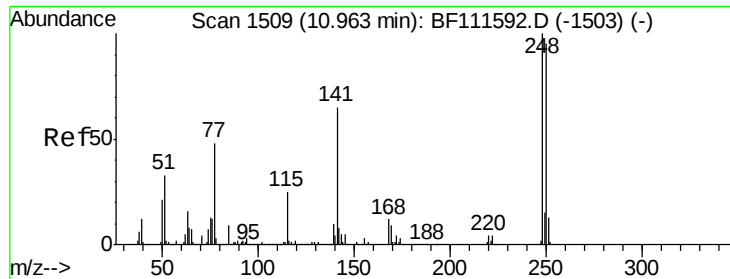
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.878 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF111678.D
 Acq: 21 Dec 2018 9:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	235.5	48.0	88.0#
105	215.9	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

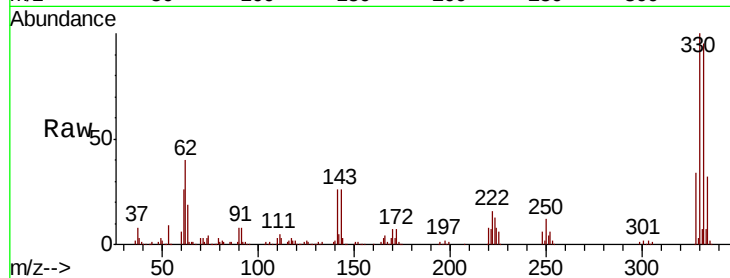




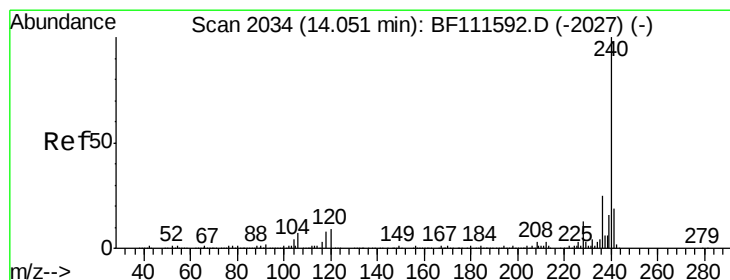
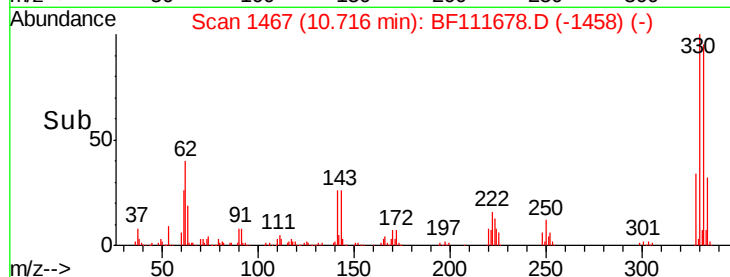
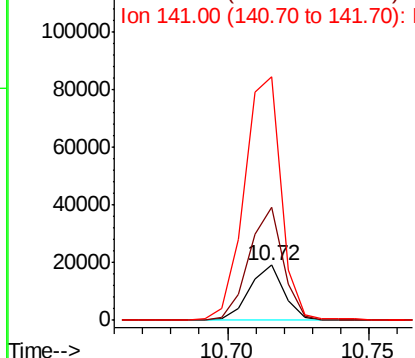
#67
4-Bromophenyl-phenylether
Concen: 3.047 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16121
Ion Ratio Lower Upper
248 100
250 205.9 77.0 115.4#
141 443.3 63.0 94.6#

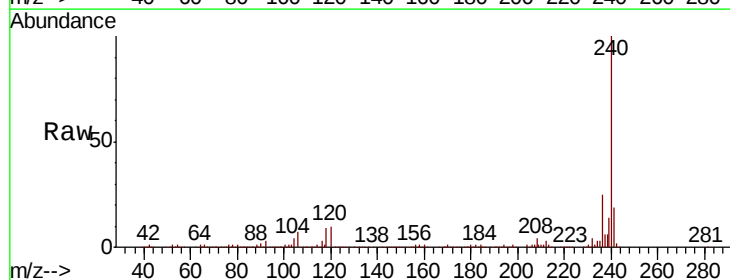


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

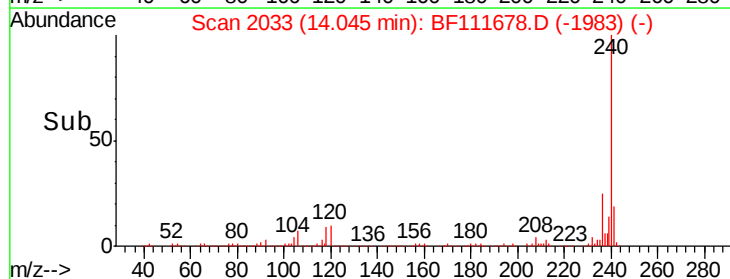
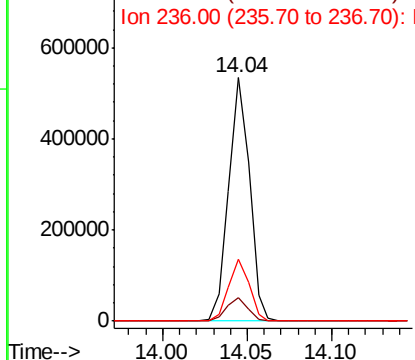


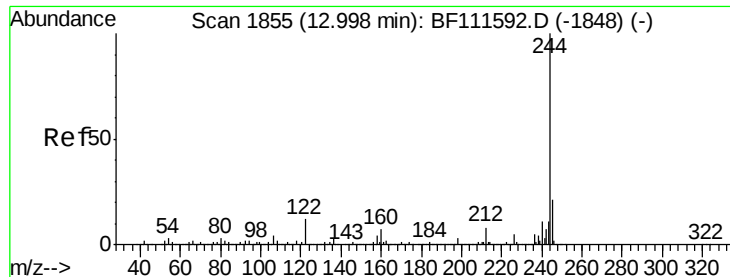
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111678.D
Acq: 21 Dec 2018 9:52

Tgt Ion:240 Resp: 458897
Ion Ratio Lower Upper
240 100
120 9.6 12.2 18.2#
236 25.3 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: 63.695 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111678.D

Acq: 21 Dec 2018 9:52

Instrument :

BNA_F

ClientSampleId :

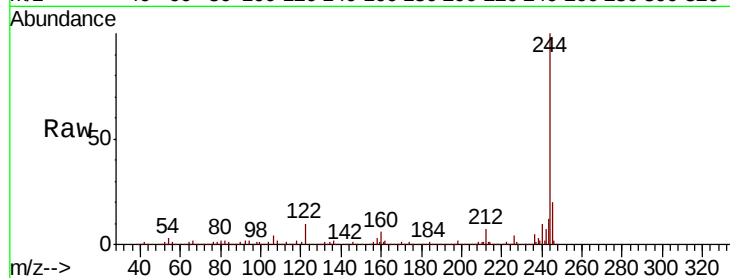
Tot Ion:244 Resp: 1541289

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

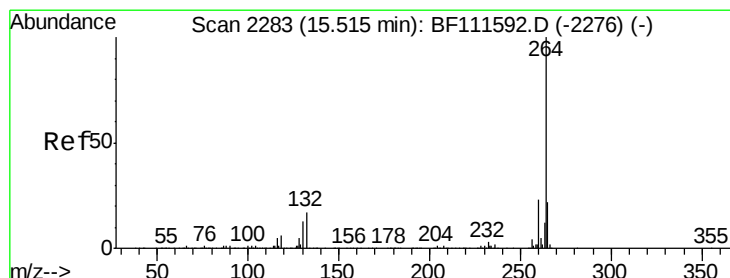
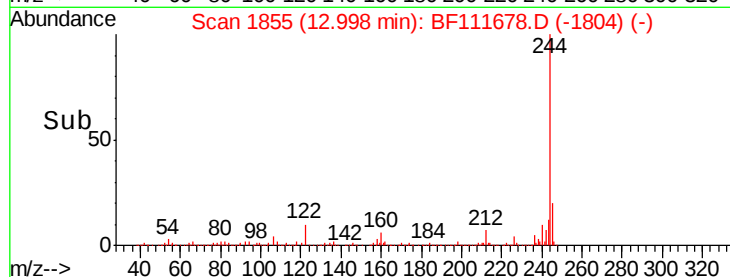
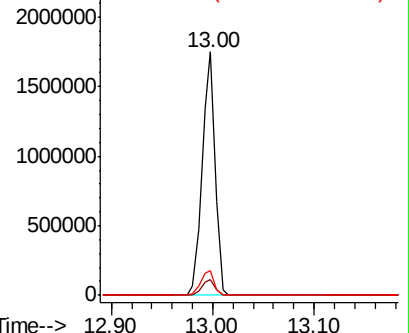
122 10.1 13.1 19.7#



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: BF111678.D

Acq: 21 Dec 2018 9:52

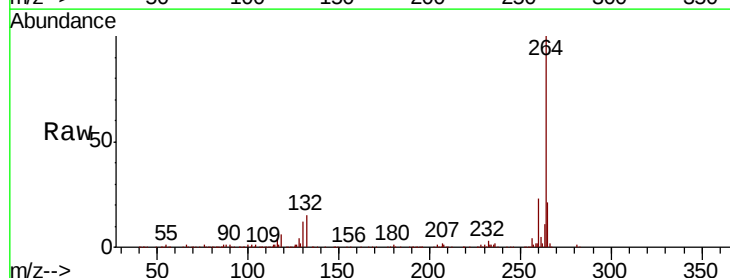
Tgt Ion:264 Resp: 347162

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.2 17.7 26.5



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

