

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111677.D
 Acq On : 21 Dec 2018 9:24
 Operator : JU/SJ
 Sample : J6502-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 21 09:50:56 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	188233	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	647891	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	277291	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	431025	20.00	ng	0.00
76) Chrysene-d12	14.05	240	442509	20.00	ng	0.00
87) Perylene-d12	15.52	264	330755	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	430420	38.98	ng	0.00
7) Phenol-d6	6.51	99	328094	23.35	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1146027	102.96	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	265024	80.89	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2009049	105.61	ng	0.00
79) Terphenyl-d14	13.00	244	1446238	61.98	ng	0.00

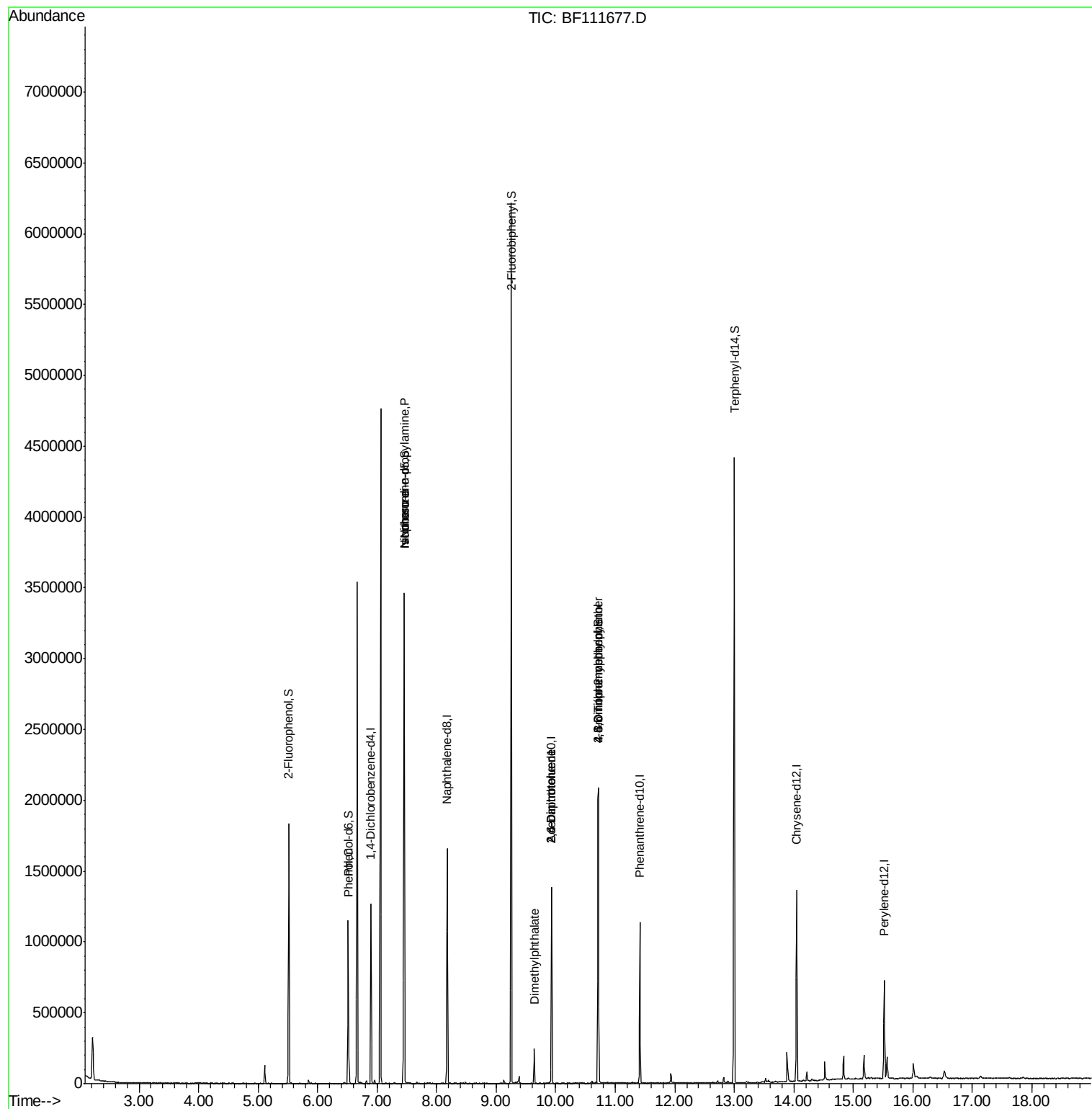
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	51407	3.242	ng	95
19) n-Nitroso-di-n-propylamine	7.46	70	159618	17.102	ng	# 75
25) Isophorone	7.46	82	1146015	57.996	ng	# 64
50) Dimethylphthalate	9.64	163	85425	4.213	ng	96
51) 2,6-Dinitrotoluene	9.93	165	34909	8.634	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	34909	7.184	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.71	198	451	6.911	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	15734	2.943	ng	# 1

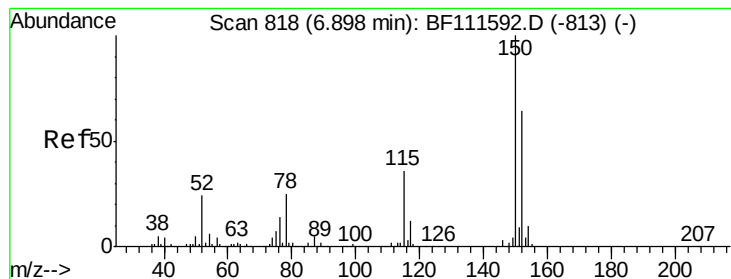
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Dec 21 09:50:56 2018
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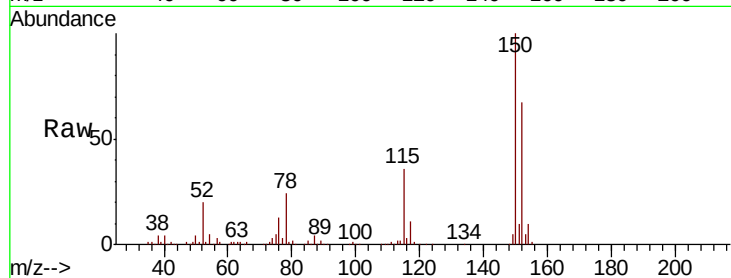


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.6	189.8
115	54.5	50.7	76.1

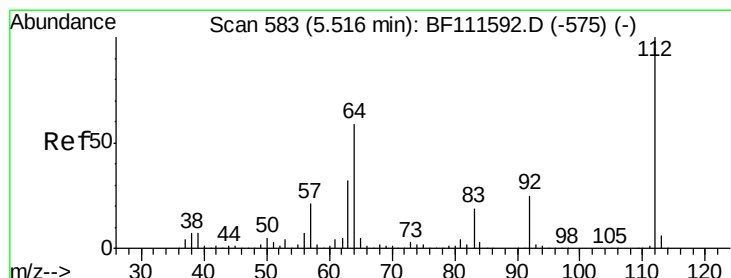
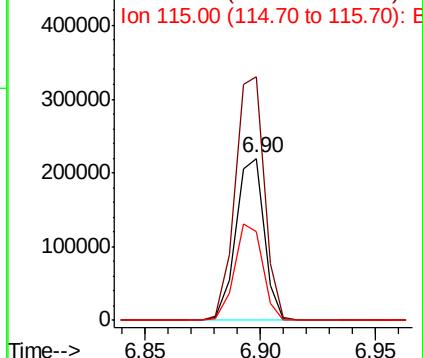
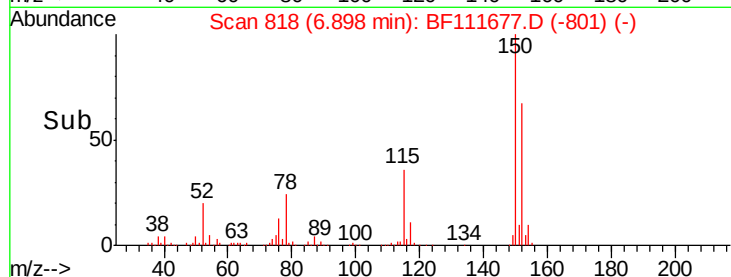


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

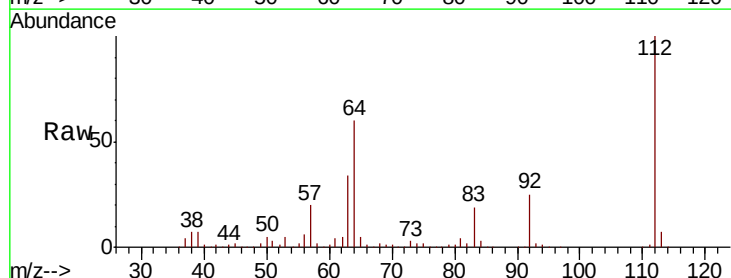
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.976 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	51.8	77.6
63	33.7	26.8	40.2

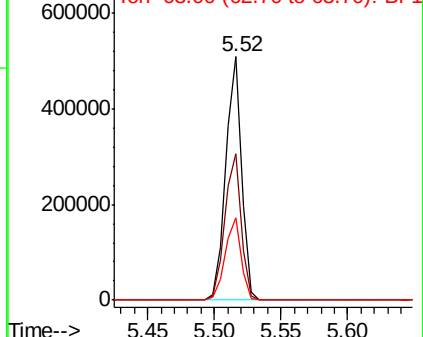
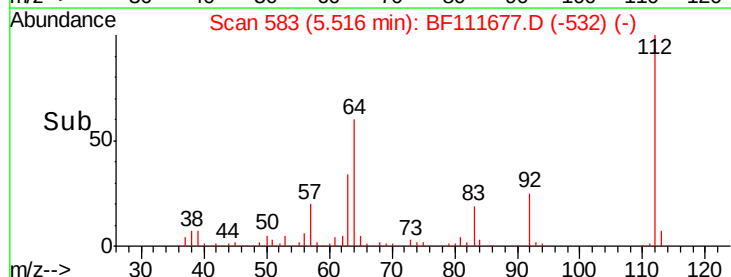


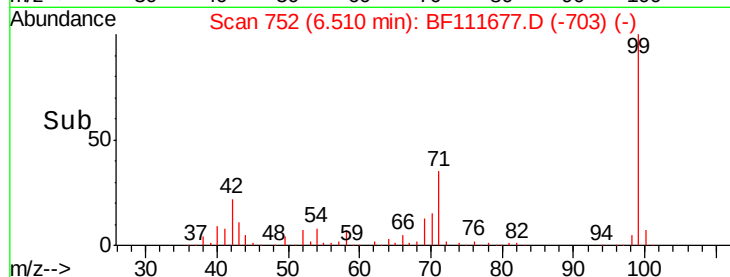
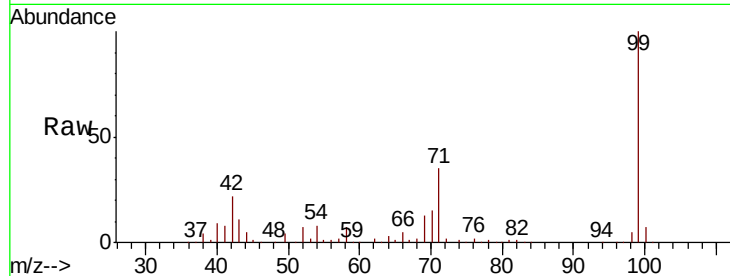
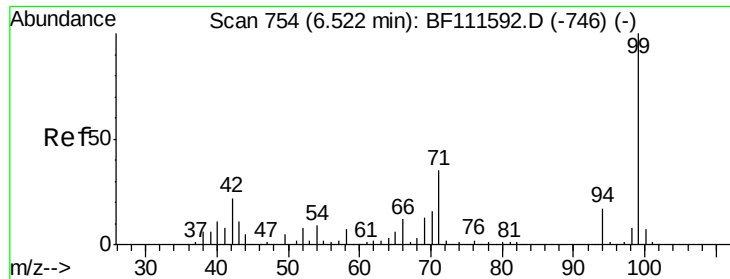
Abundance

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: 23.345 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111677.D

Acq: 21 Dec 2018 9:24

Instrument :

BNA_F

ClientSampled :

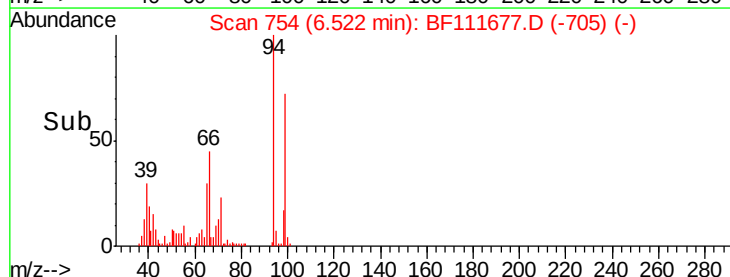
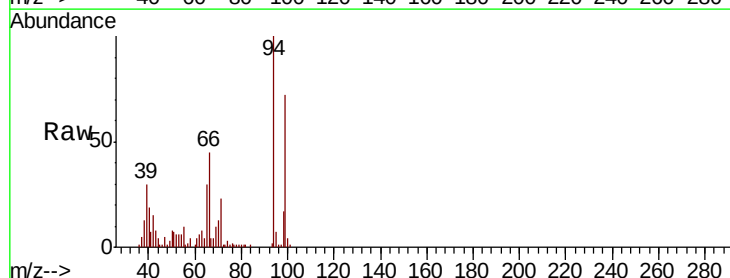
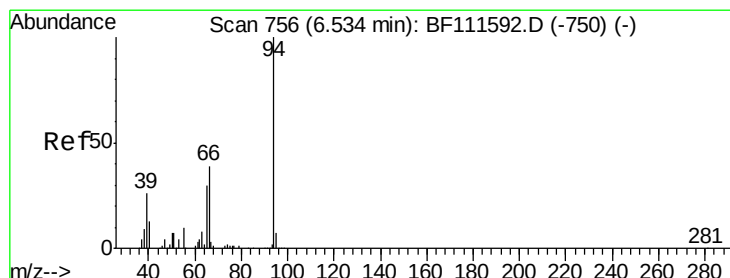
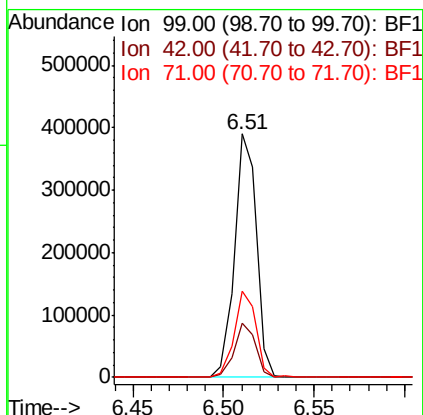
Tot Ion: 99 Resp: 328094

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

71 35.2 26.1 39.1



#10

Phenol

Concen: 3.242 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111677.D

Acq: 21 Dec 2018 9:24

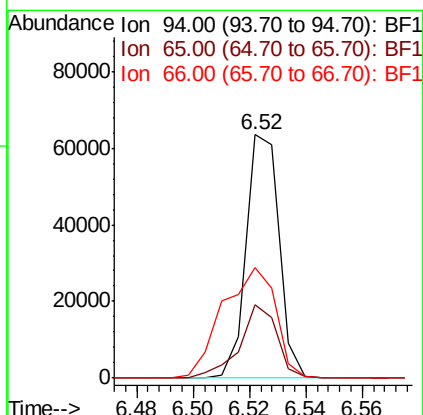
Tgt Ion: 94 Resp: 51407

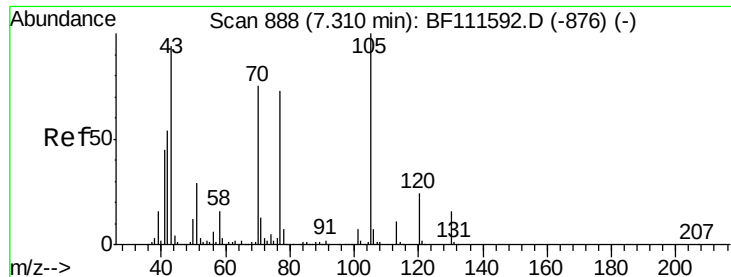
Ion Ratio Lower Upper

94 100

65 29.9 11.7 51.7

66 45.2 21.0 61.0

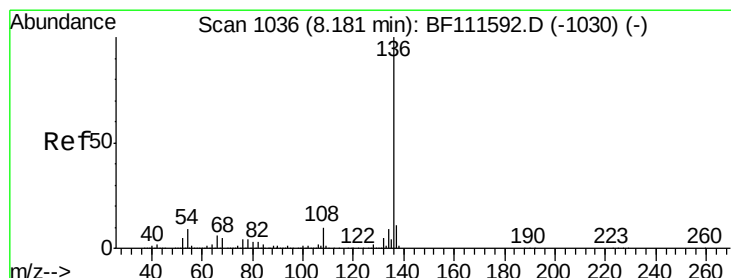
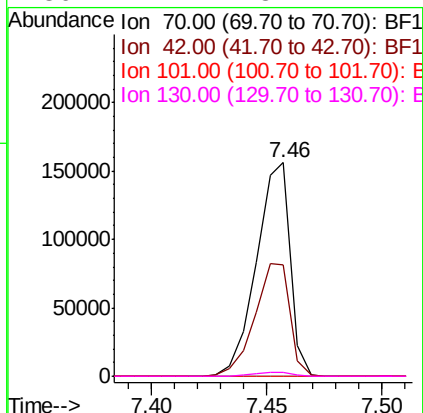
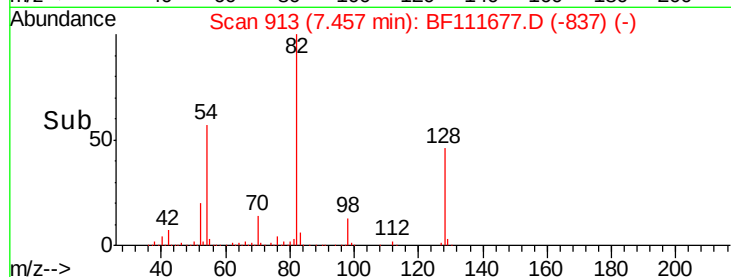
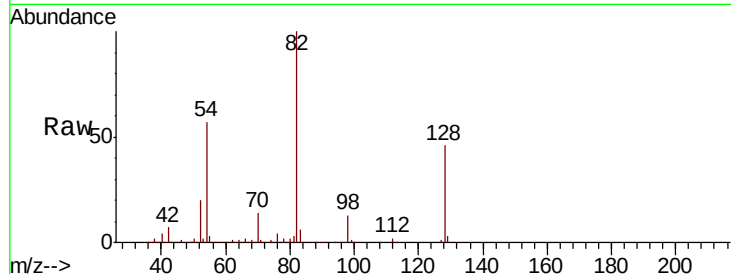




#19
n-Nitroso-di-n-propylamine
Concen: 17.102 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

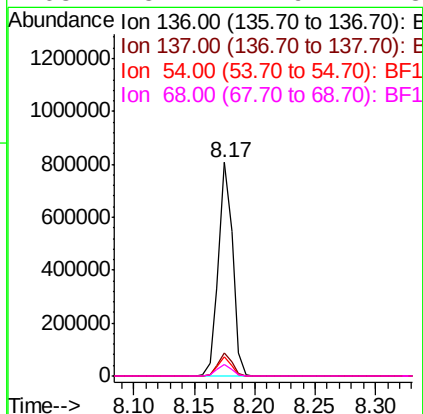
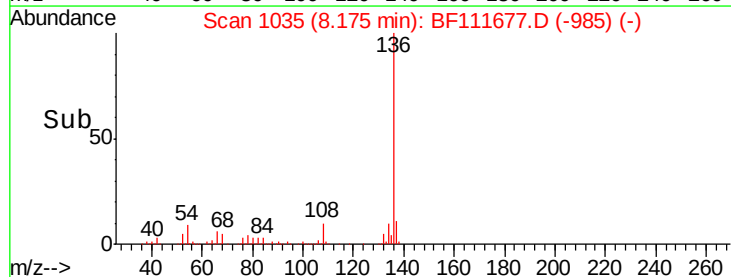
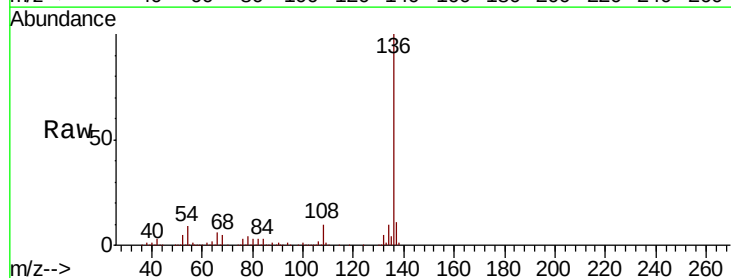
Instrument :
BNA_F
ClientSampleId :

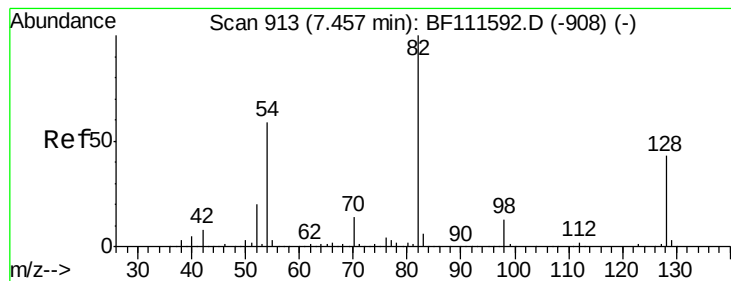
Tot Ion: 70 Resp: 159618
Ion Ratio Lower Upper
70 100
42 51.9 53.2 79.8#
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

Tgt Ion:136 Resp: 647891
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.1 7.7 11.5
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 102.961 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF111677.D

Acq: 21 Dec 2018 9:24

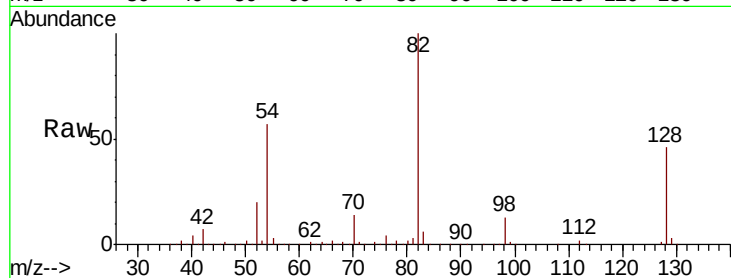
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1146027

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.2
54	56.6	47.6	71.4

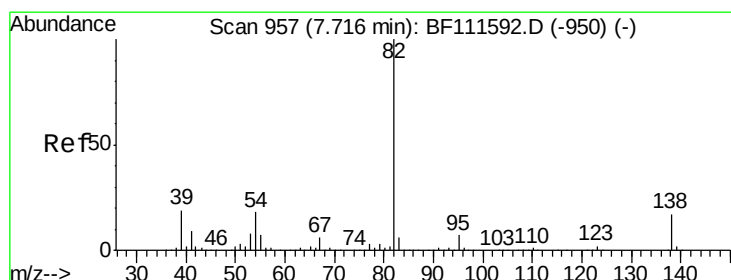
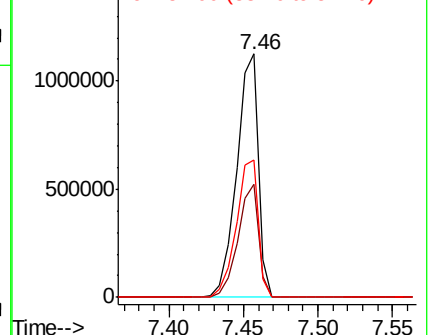
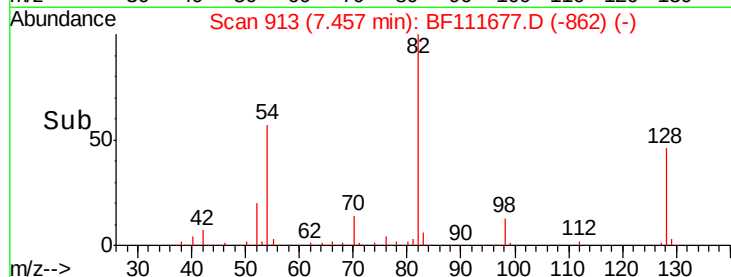


Abundance

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: 57.996 ng

RT: 7.46 min Scan# 913

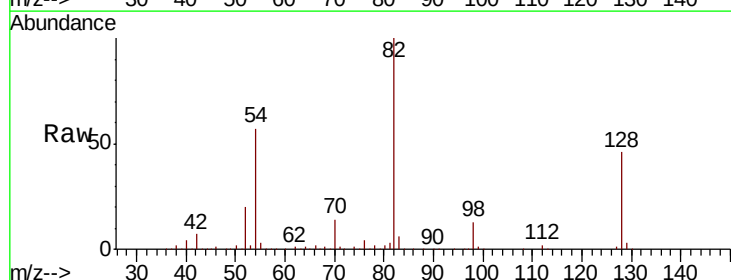
Delta R.T. -0.26 min

Lab File: BF111677.D

Acq: 21 Dec 2018 9:24

Tgt Ion: 82 Resp: 1146015

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#

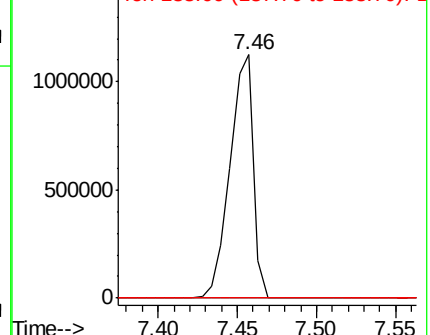
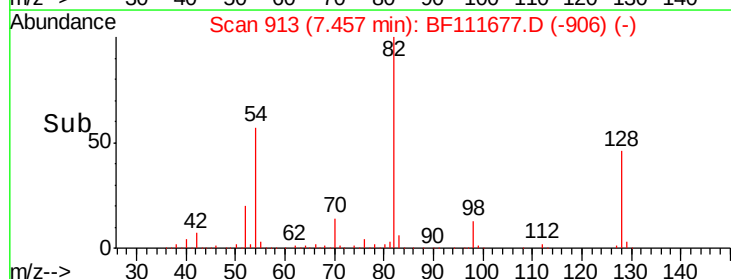


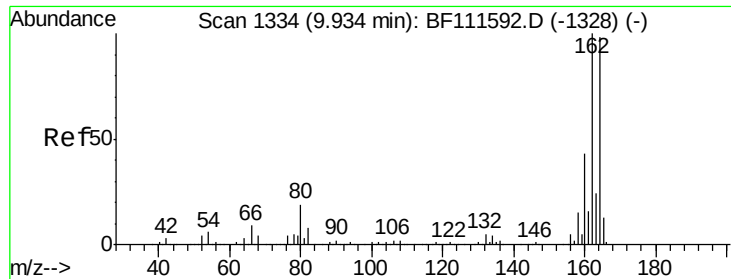
Abundance

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

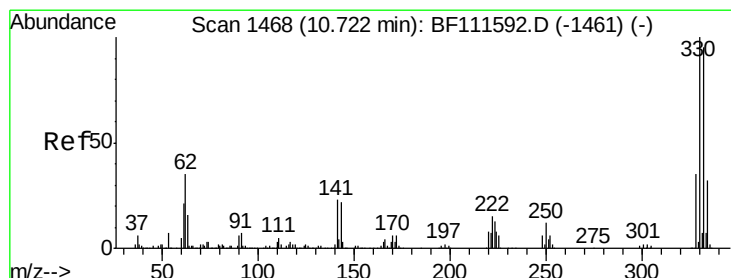
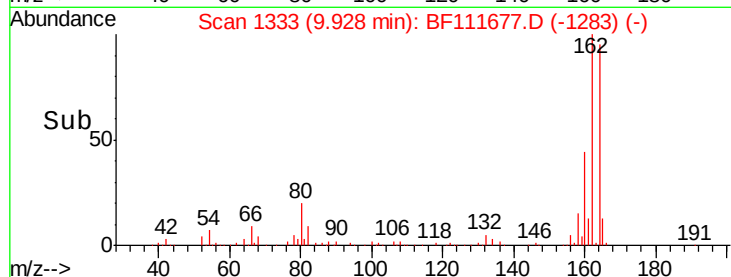
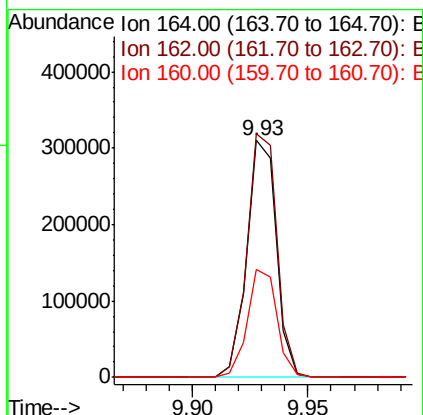
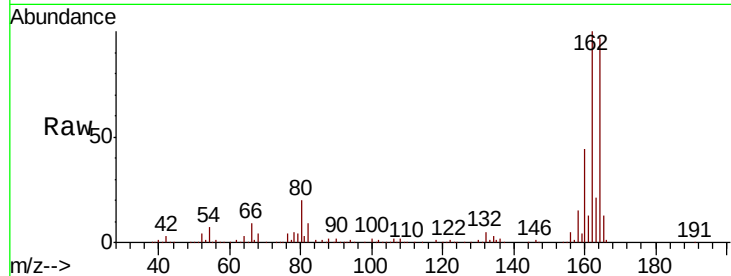




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

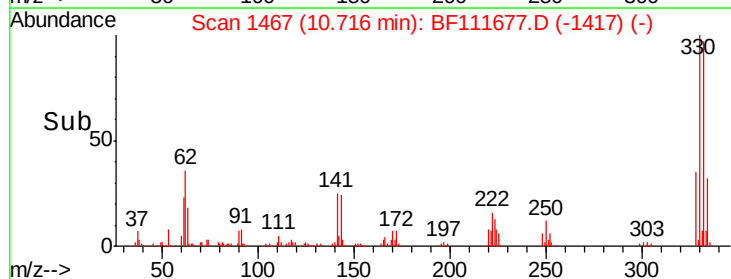
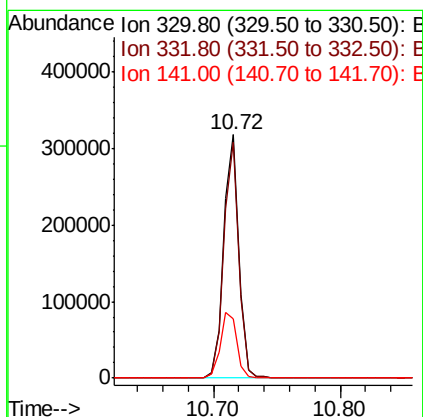
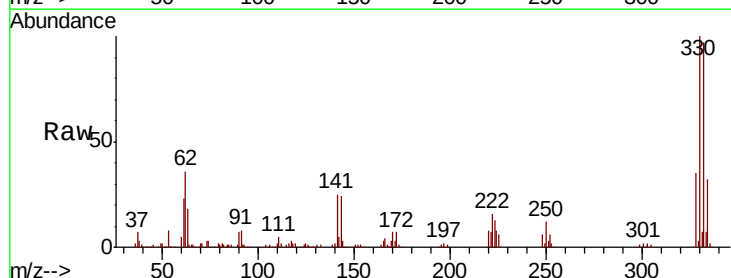
Instrument :
BNA_F
ClientSampleId :

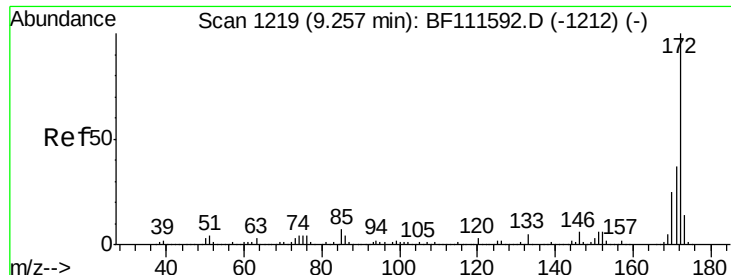
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	45.3	35.7	53.5



#42
2,4,6-Tribromophenol
Concen: 80.889 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	29.5	31.0	46.6

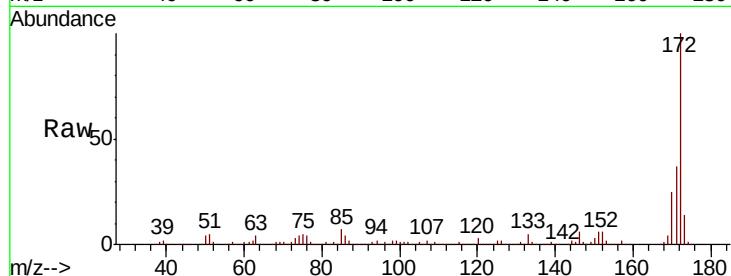




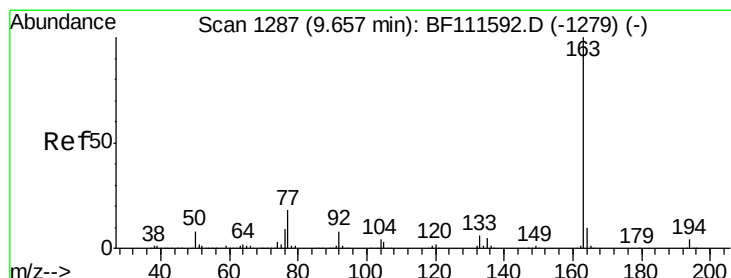
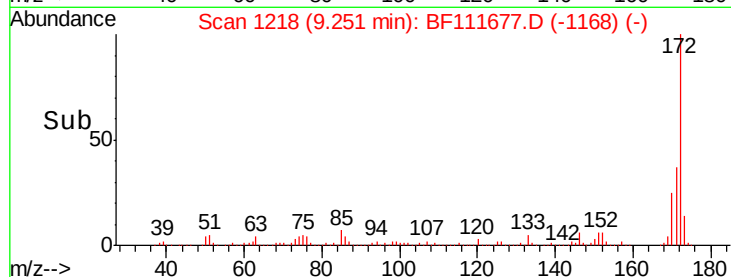
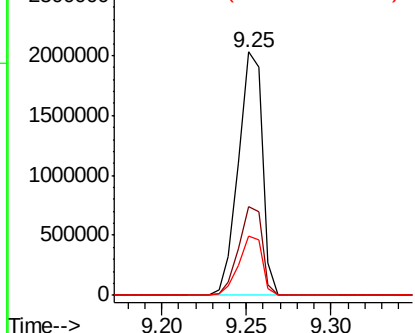
#45
2-Fluorobiphenyl
Concen: 105.605 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2009049
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.6 22.3 33.5

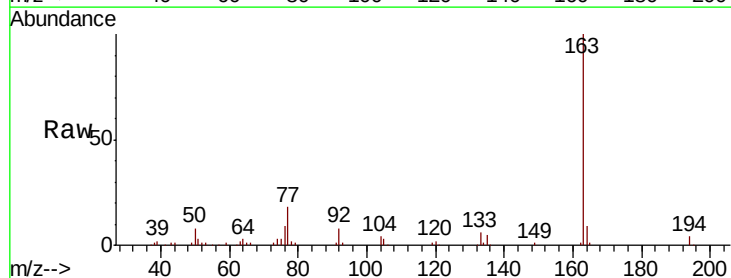


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

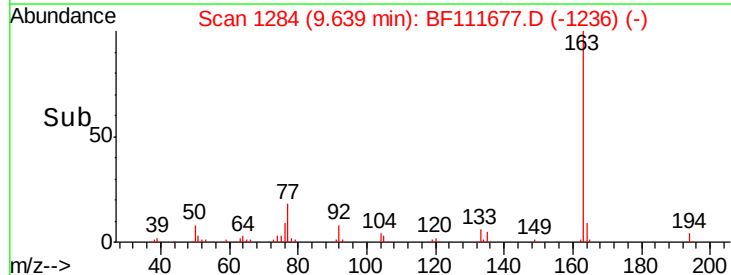
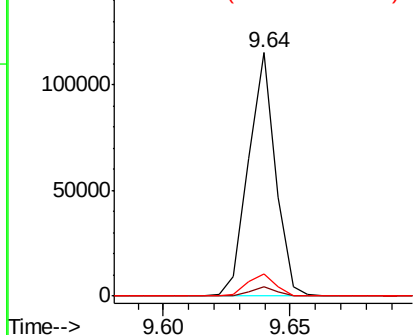


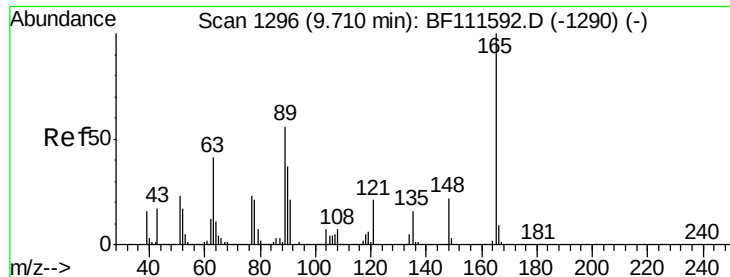
#50
Dimethylphthalate
Concen: 4.213 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

Tgt Ion:163 Resp: 85425
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.1 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

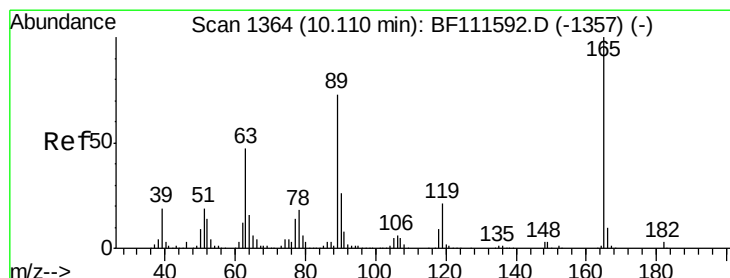
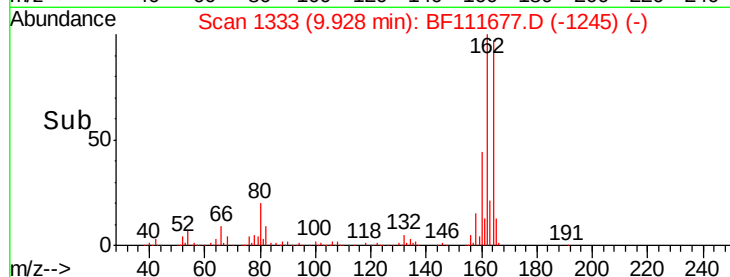
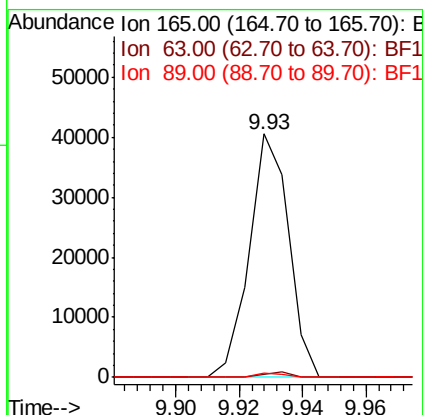
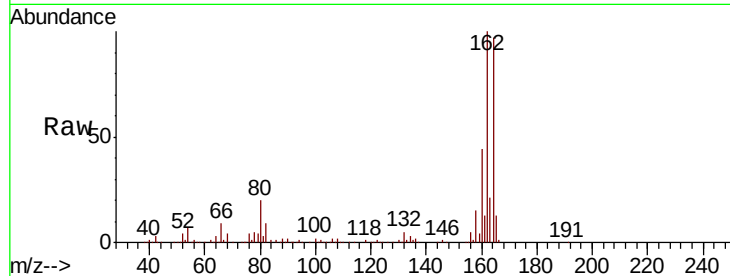




#51
 2,6-Dinitrotoluene
 Concen: 8.634 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111677.D
 Acq: 21 Dec 2018 9:24

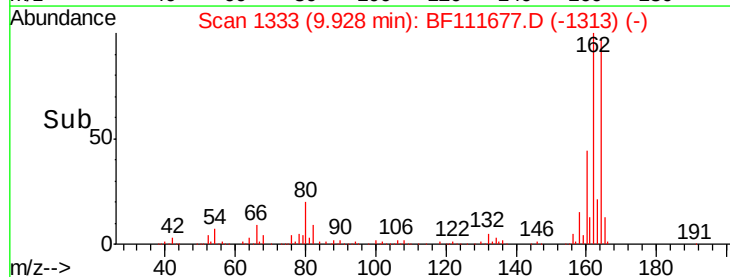
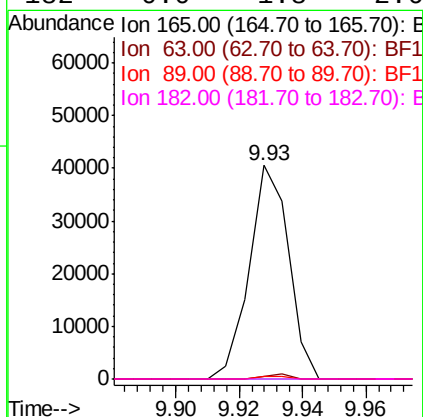
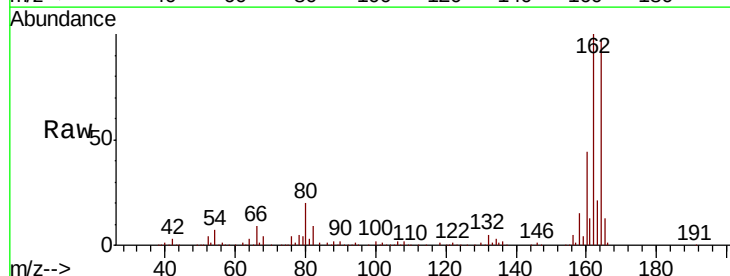
Instrument :
 BNA_F
 ClientSampleId :

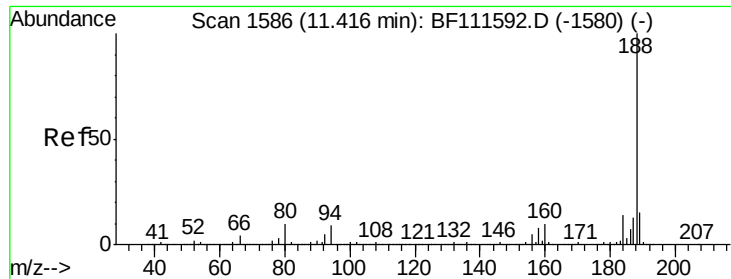
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.5	60.7#
89	1.5	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 7.184 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.18 min
 Lab File: BF111677.D
 Acq: 21 Dec 2018 9:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.5	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: BF111677.D

Acq: 21 Dec 2018 9:24

Instrument :

BNA_F

ClientSampleId :

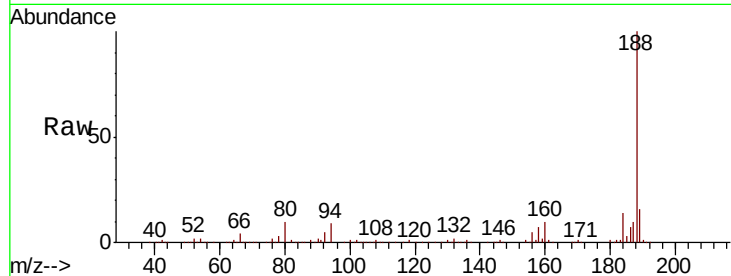
Tot Ion:188 Resp: 431025

Ion Ratio Lower Upper

188 100

94 9.4 9.6 14.4#

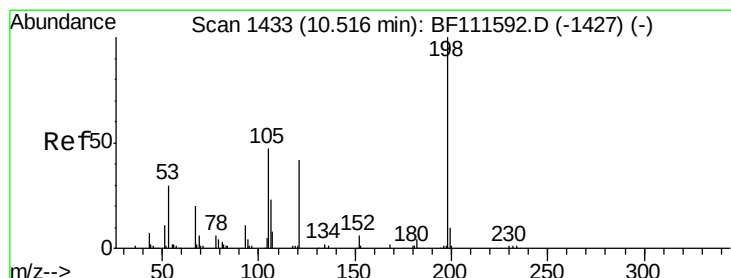
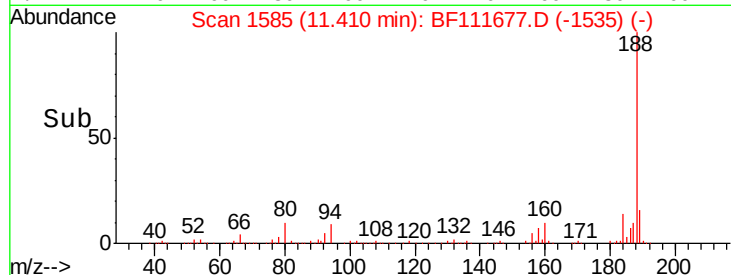
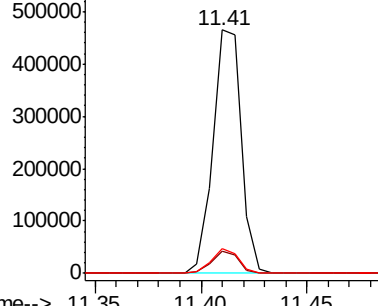
80 10.4 9.8 14.6



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: 6.911 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.19 min

Lab File: BF111677.D

Acq: 21 Dec 2018 9:24

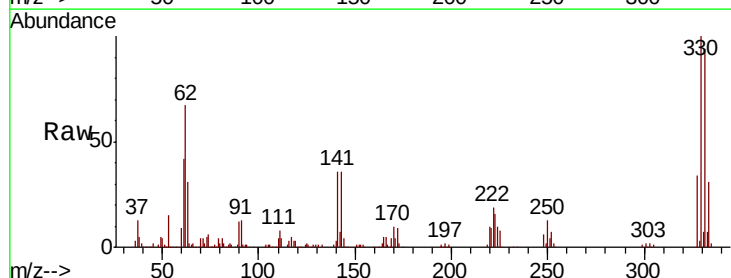
Tgt Ion:198 Resp: 451

Ion Ratio Lower Upper

198 100

51 210.5 48.0 88.0#

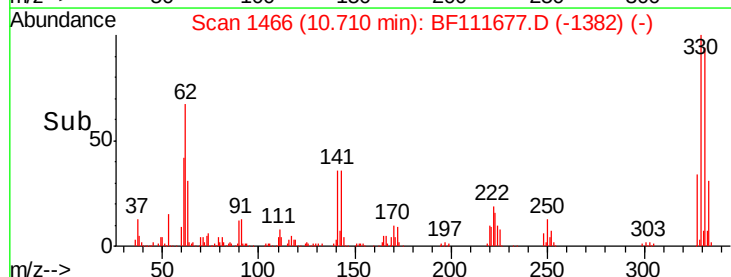
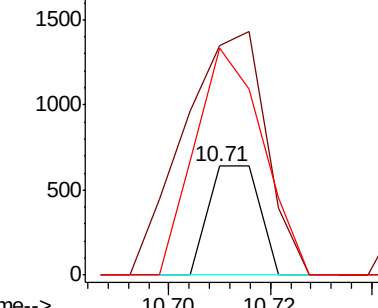
105 208.9 34.0 74.0#

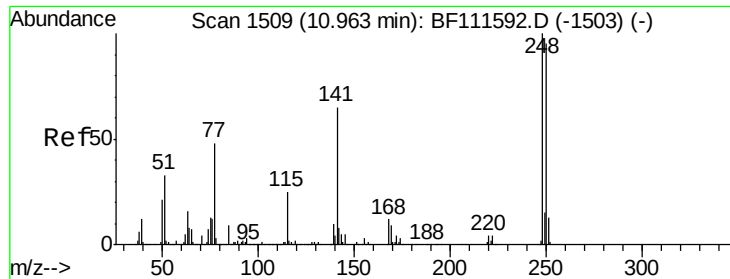


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

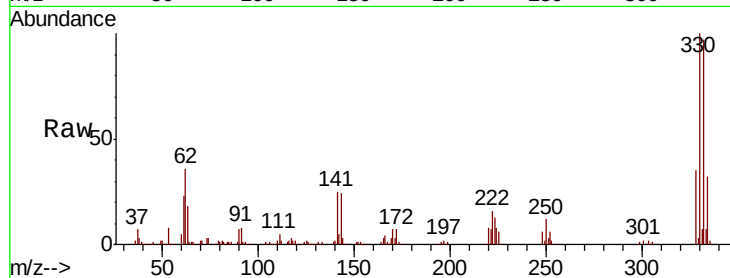




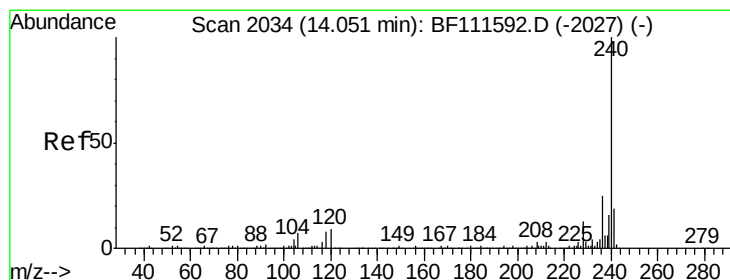
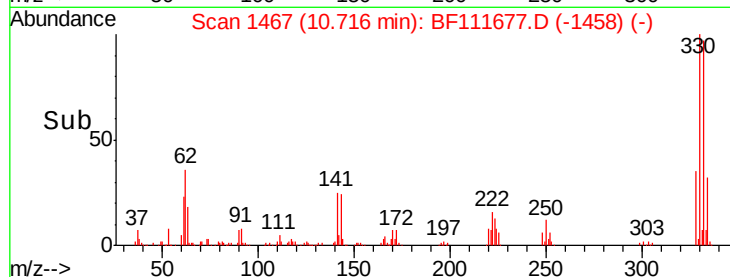
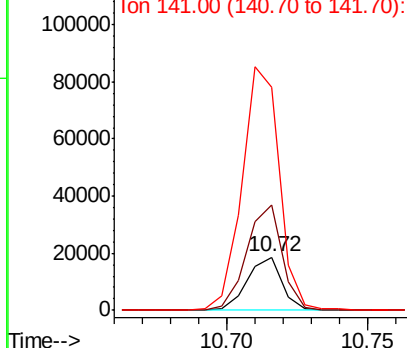
#67
4-Bromophenyl-phenylether
Concen: 2.943 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15734
Ion Ratio Lower Upper
248 100
250 196.7 77.0 115.4#
141 420.0 63.0 94.6#

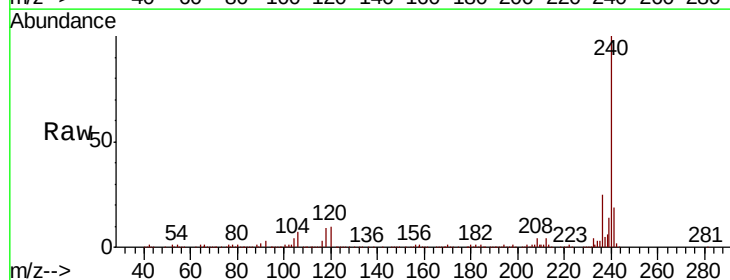


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

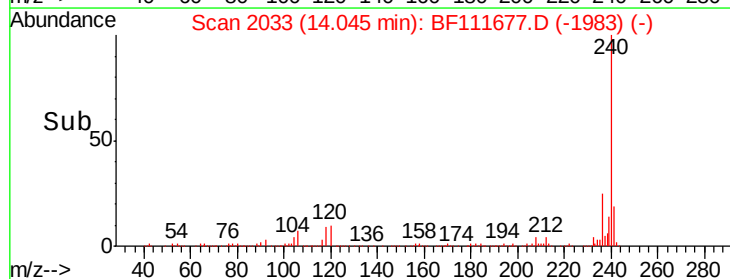
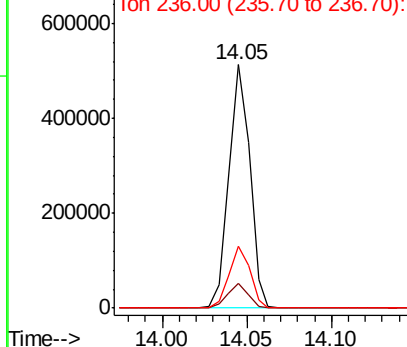


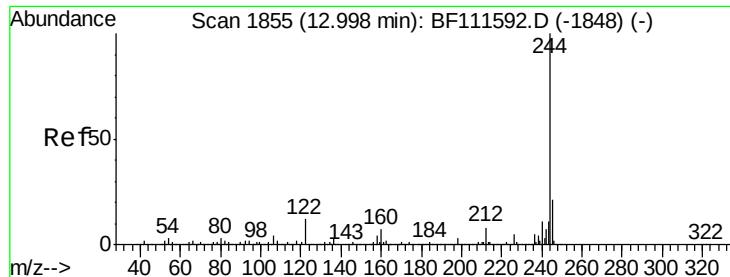
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111677.D
Acq: 21 Dec 2018 9:24

Tgt Ion:240 Resp: 442509
Ion Ratio Lower Upper
240 100
120 10.1 12.2 18.2#
236 25.4 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: 61.980 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF111677.D

Acq: 21 Dec 2018 9:24

Instrument :

BNA_F

ClientSampleId :

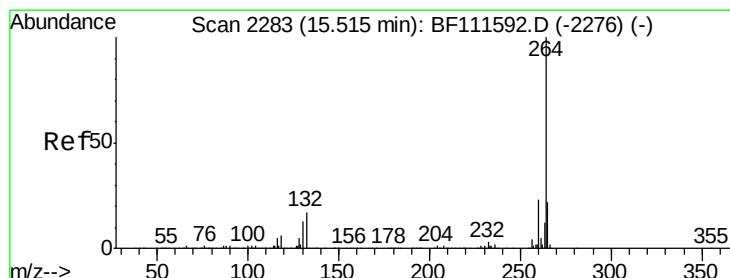
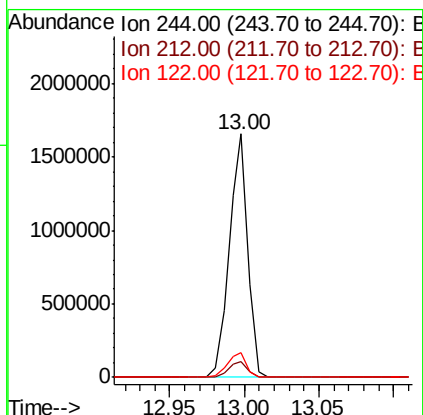
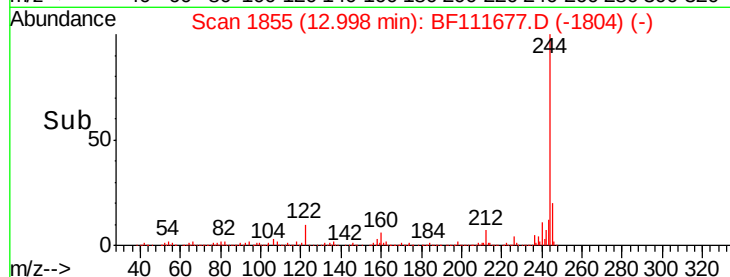
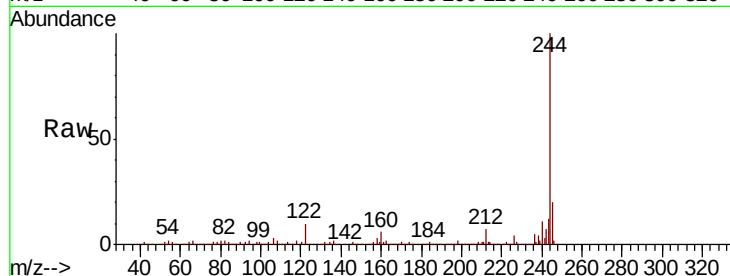
Tot Ion:244 Resp: 1446238

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.1 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111677.D

Acq: 21 Dec 2018 9:24

Tgt Ion:264 Resp: 330755

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 21.2 17.7 26.5

