

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111827.D
 Acq On : 3 Jan 2019 18:05
 Operator : JU/SJ
 Sample : K1017-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:32:09 2019
 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	237234	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	808223	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	334941	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	731641	20.00	ng	0.01
76) Chrysene-d12	14.06	240	362966	20.00	ng	0.01
87) Perylene-d12	15.55	264	276177	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1214655	87.27	ng	0.02
7) Phenol-d6	6.55	99	1571711	88.73	ng	0.02
23) Nitrobenzene-d5	7.46	82	995716	71.71	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	423339	106.97	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1396225	60.76	ng	0.00
79) Terphenyl-d14	13.01	244	1025743	53.59	ng	0.01

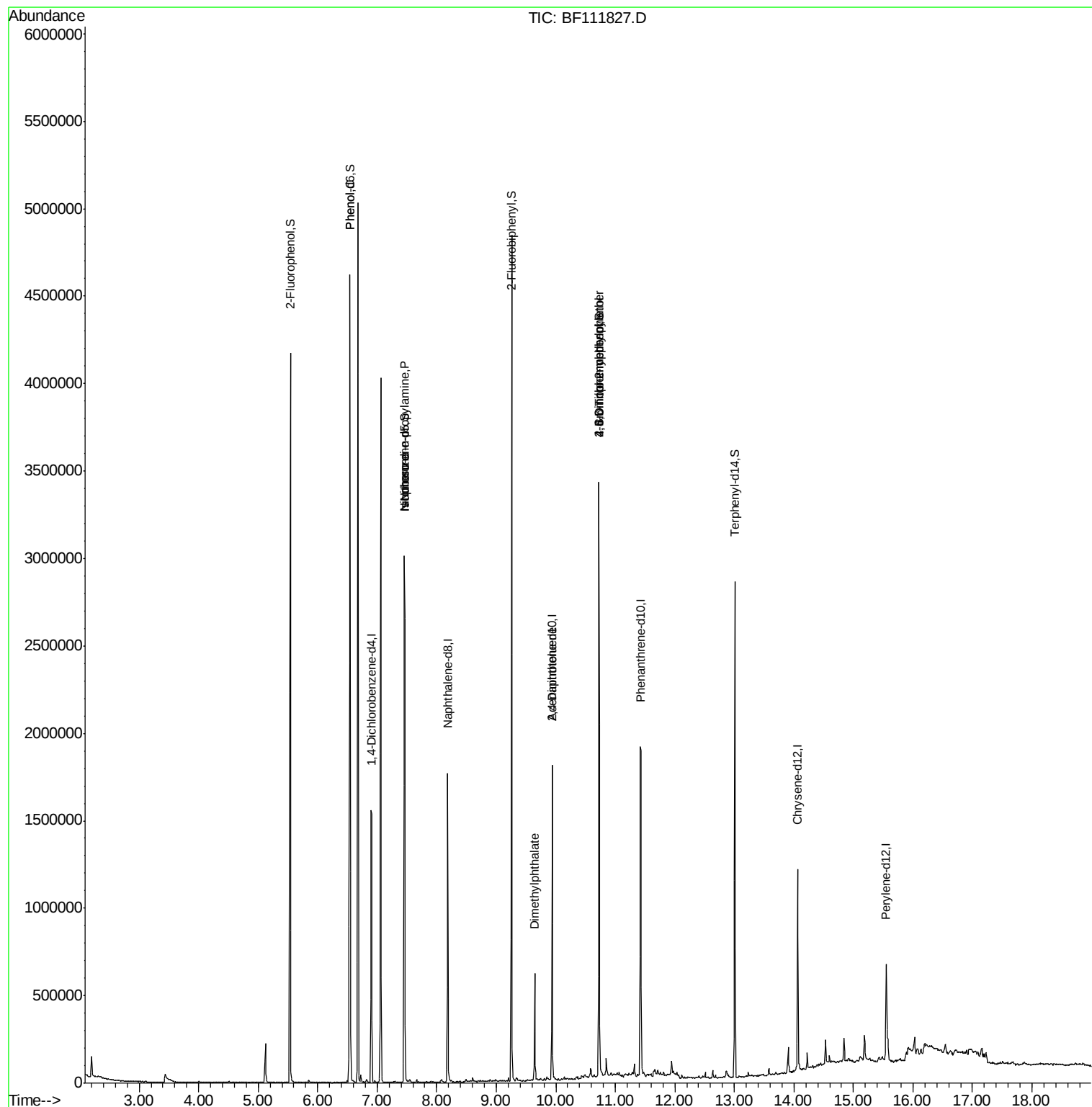
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.55	94	83991	4.203	ng	94
19) n-Nitroso-di-n-propylamine	7.46	70	134439	11.429	ng	# 77
25) Isophorone	7.46	82	988469	40.100	ng	# 64
50) Dimethylphthalate	9.65	163	230836	9.424	ng	97
57) 2,4-Dinitrotoluene	9.94	165	43922	7.483	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	723	6.899	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	25120	2.768	ng	# 1

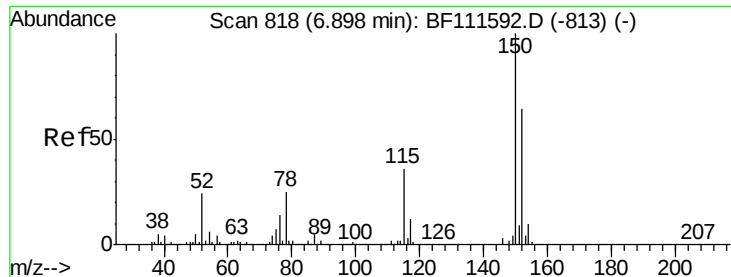
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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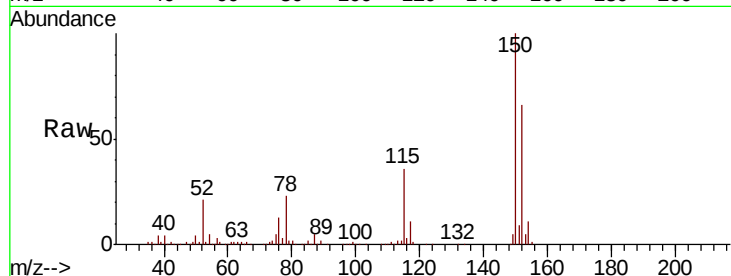


#1

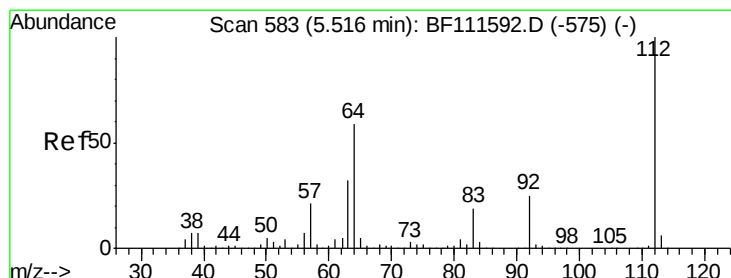
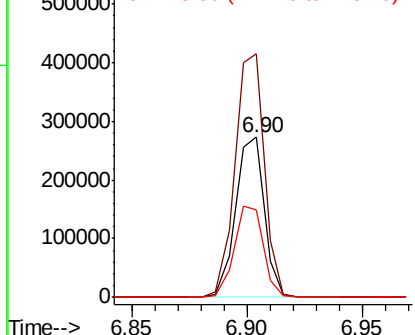
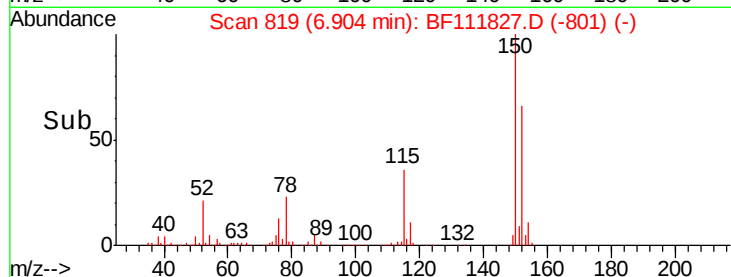
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 237234
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 54.3 50.7 76.1



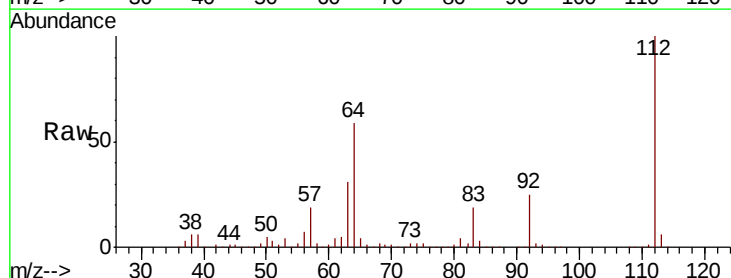
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



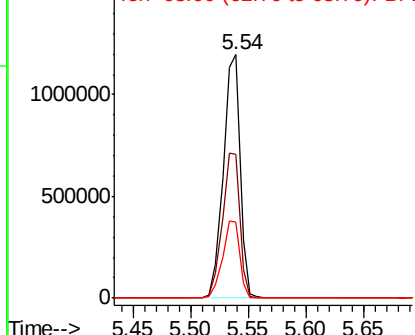
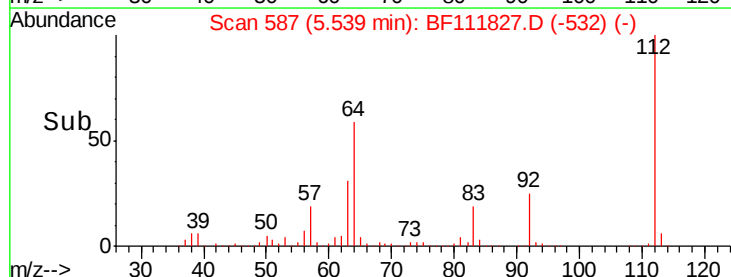
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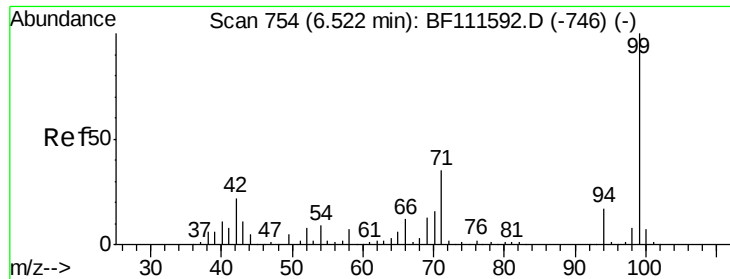
2-Fluorophenol
Concen: 87.273 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion:112 Resp: 1214655
Ion Ratio Lower Upper
112 100
64 59.2 51.8 77.6
63 31.1 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: 88.734 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111827.D

Acq: 3 Jan 2019 18:05

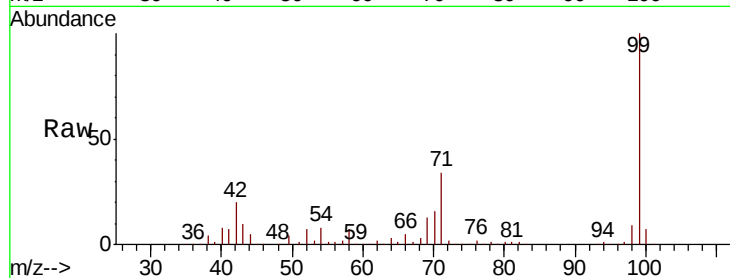
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1571711

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.4	26.0
71	34.4	26.1	39.1

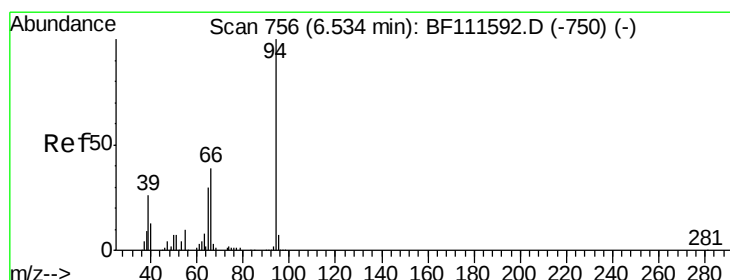
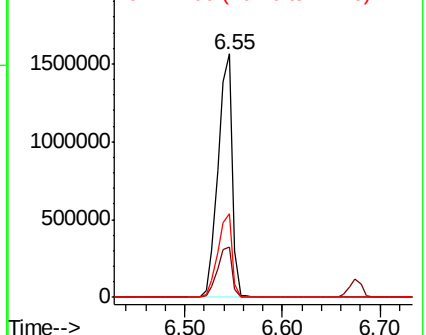
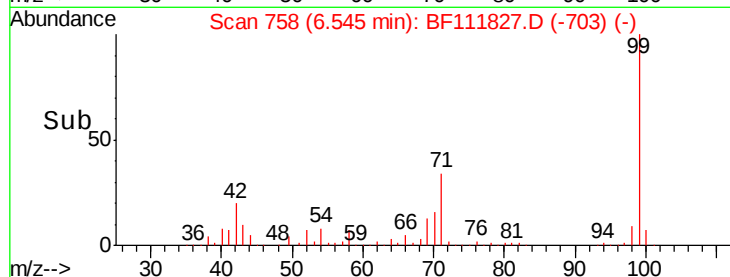


Abundance

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: 4.203 ng

RT: 6.55 min Scan# 759

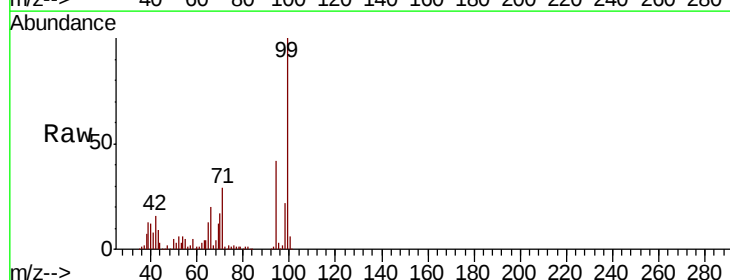
Delta R.T. 0.02 min

Lab File: BF111827.D

Acq: 3 Jan 2019 18:05

Tgt Ion: 94 Resp: 83991

Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.7	51.7
66	47.2	21.0	61.0

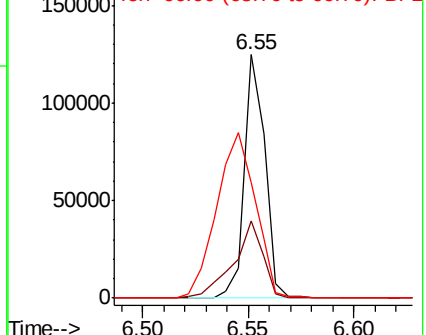
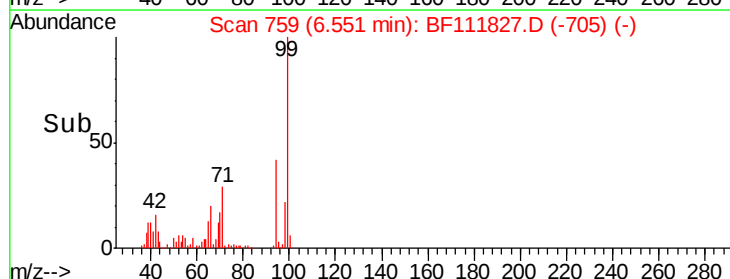


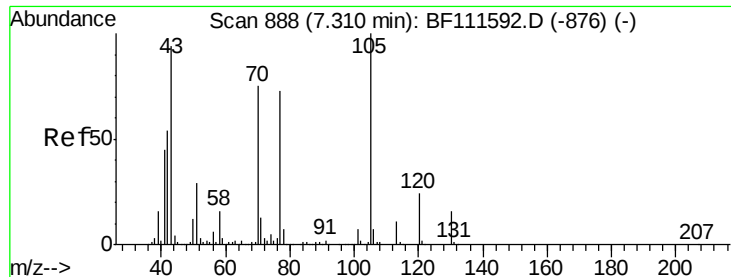
Abundance

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

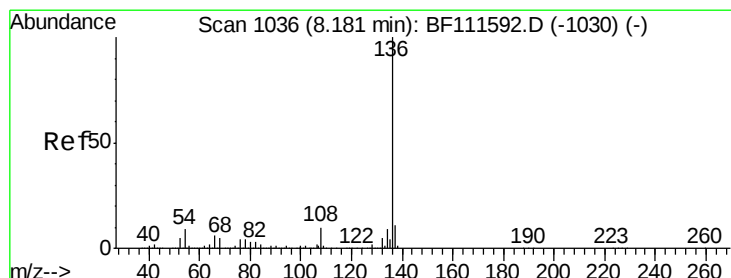
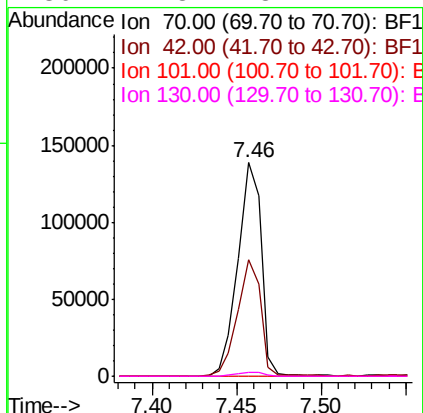
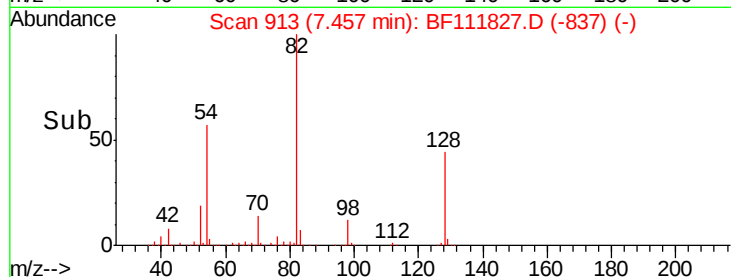
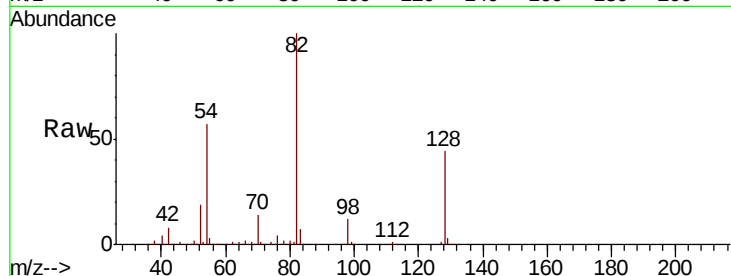




#19
n-Nitroso-di-n-propylamine
Concen: 11.429 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

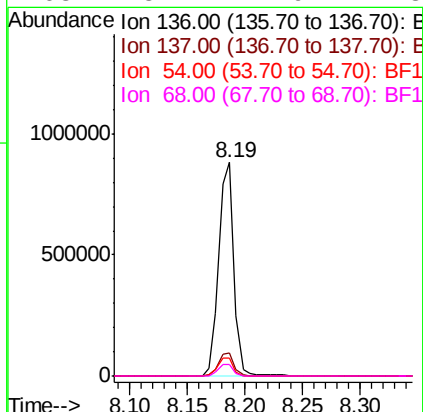
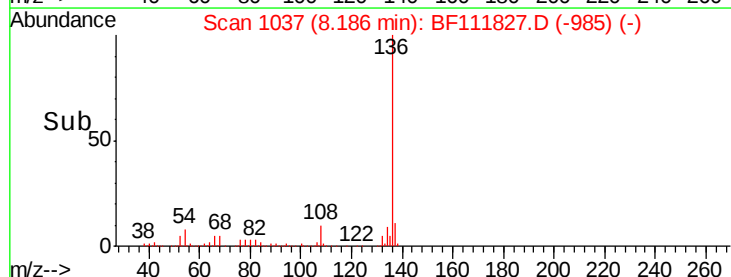
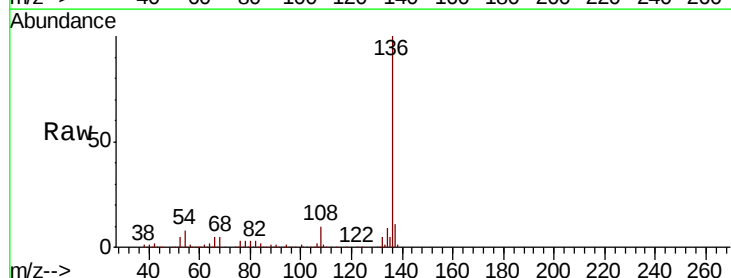
Instrument :
BNA_F
ClientSampleId :

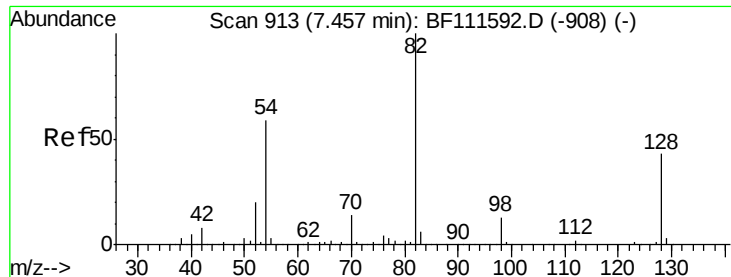
Tot Ion: 70 Resp: 134439
Ion Ratio Lower Upper
70 100
42 54.3 53.2 79.8
101 0.0 8.2 12.4#
130 1.8 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion: 136 Resp: 808223
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.2 7.7 11.5
68 5.4 4.9 7.3

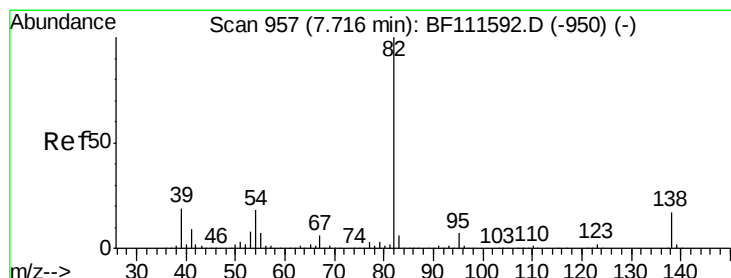
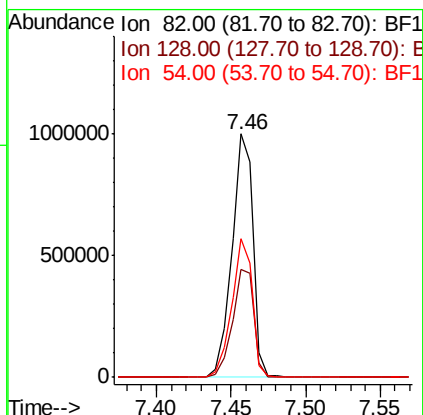
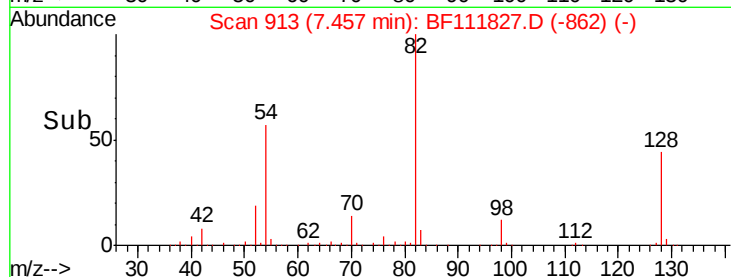
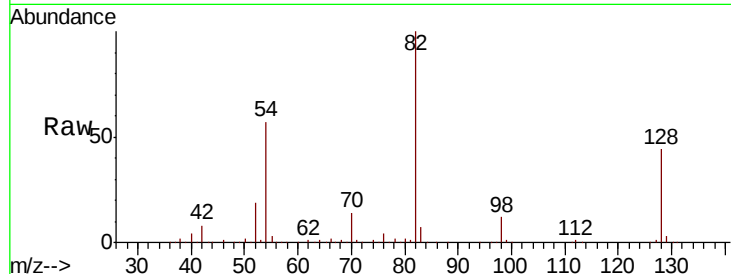




#23
 Nitrobenzene-d5
 Concen: 71.711 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF111827.D
 Acq: 3 Jan 2019 18:05

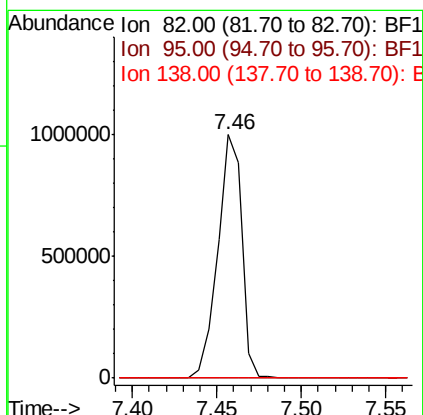
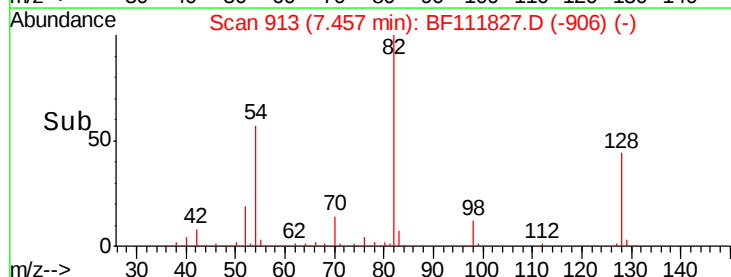
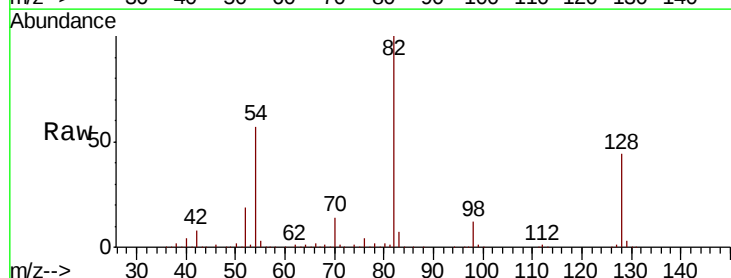
Instrument :
 BNA_F
 ClientSampleId :

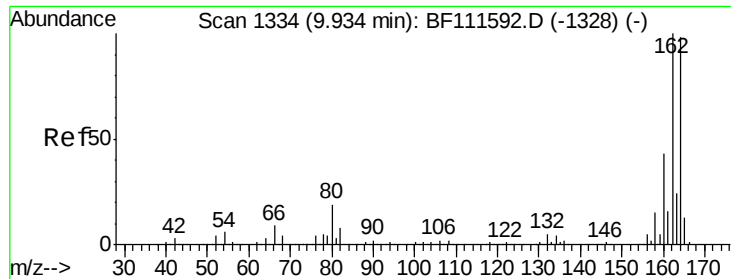
Tot Ion: 82 Resp: 995716
 Ion Ratio Lower Upper
 82 100
 128 44.4 37.4 56.2
 54 57.0 47.6 71.4



#25
 Isophorone
 Concen: 40.100 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.26 min
 Lab File: BF111827.D
 Acq: 3 Jan 2019 18:05

Tgt Ion: 82 Resp: 988469
 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: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111827.D

Acq: 3 Jan 2019 18:05

Instrument :

BNA_F

ClientSampleId :

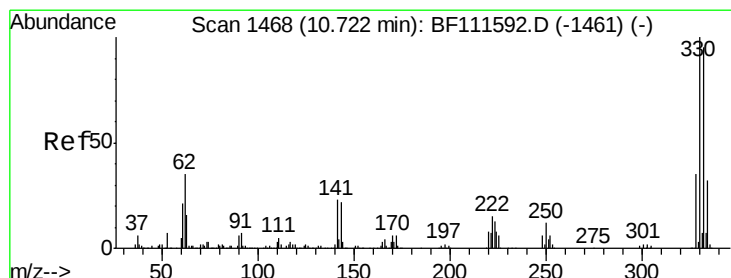
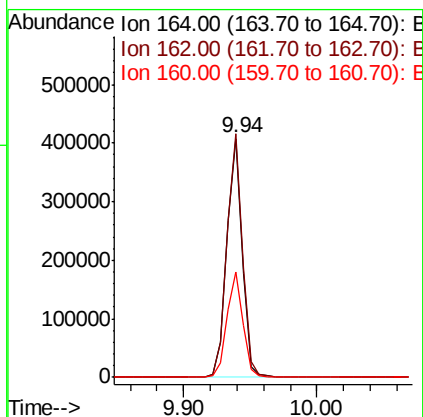
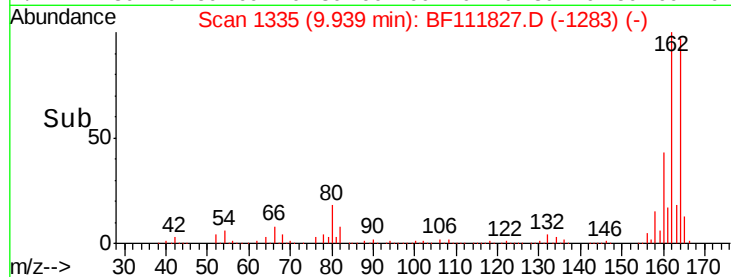
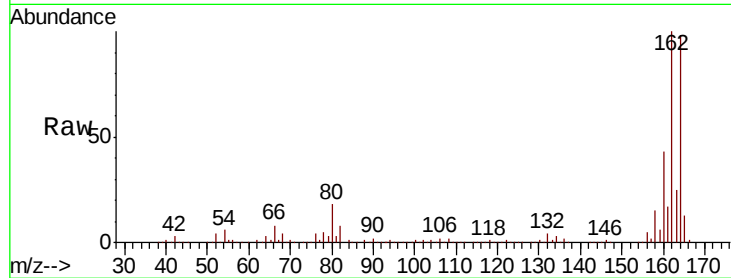
Tot Ion:164 Resp: 334941

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

160 44.2 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 106.969 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111827.D

Acq: 3 Jan 2019 18:05

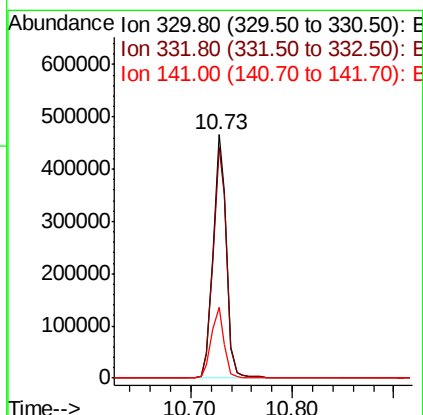
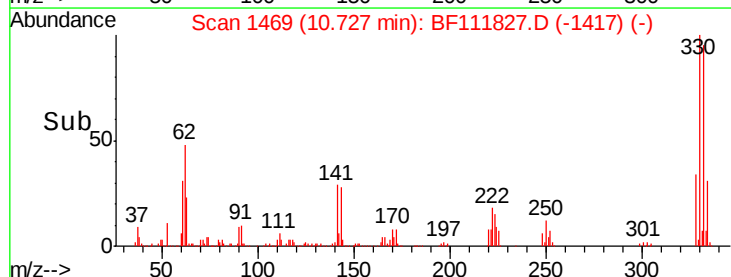
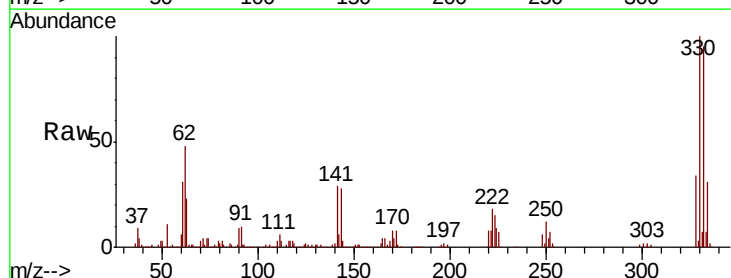
Tgt Ion:330 Resp: 423339

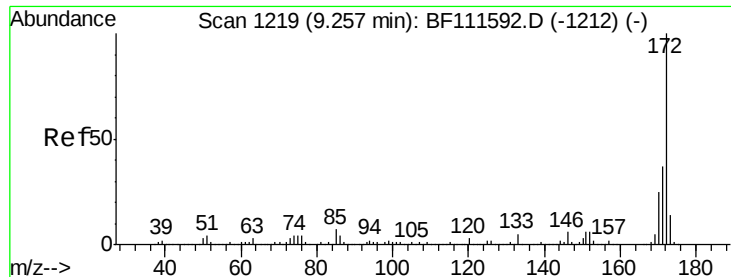
Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 28.2 31.0 46.6#

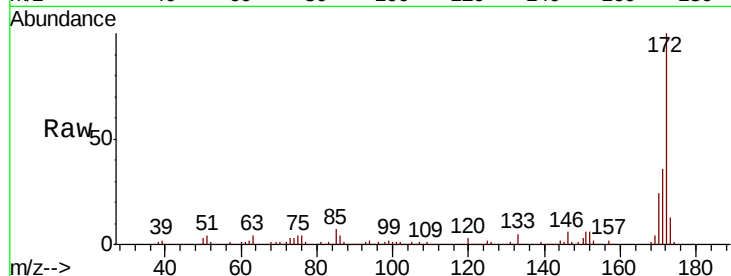




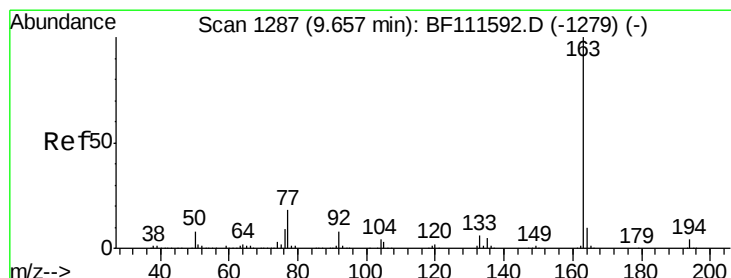
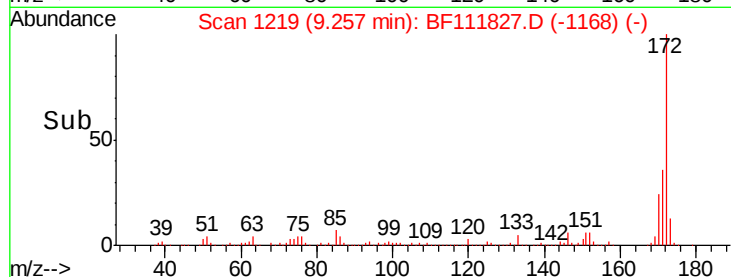
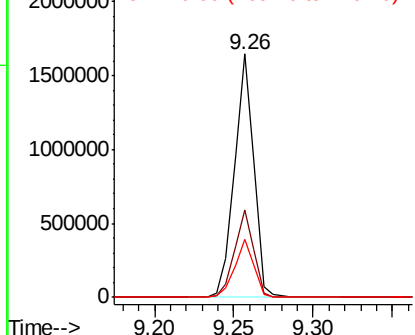
#45
2-Fluorobiphenyl
Concen: 60.760 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1396225
Ion Ratio Lower Upper
172 100
171 36.1 33.0 49.4
170 23.8 22.3 33.5

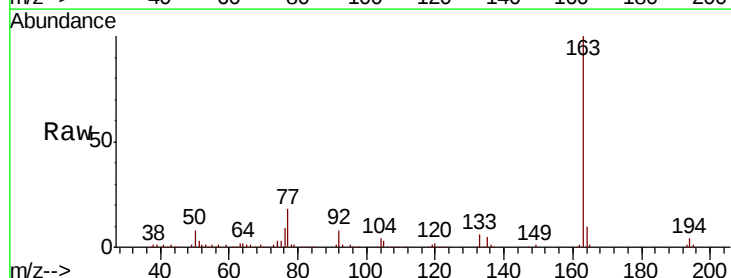


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

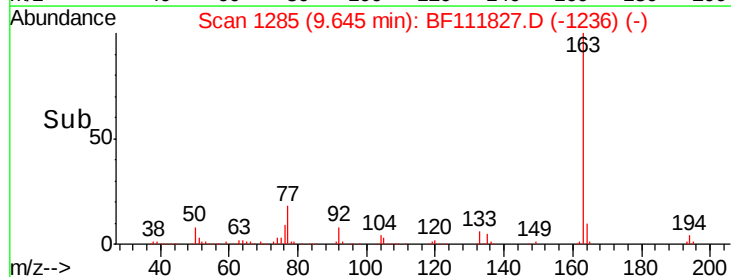
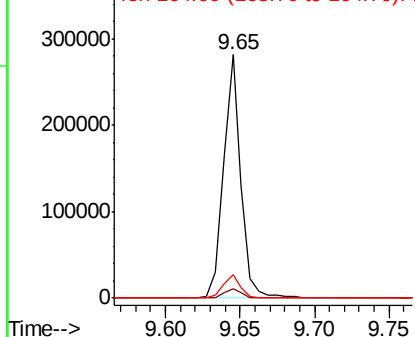


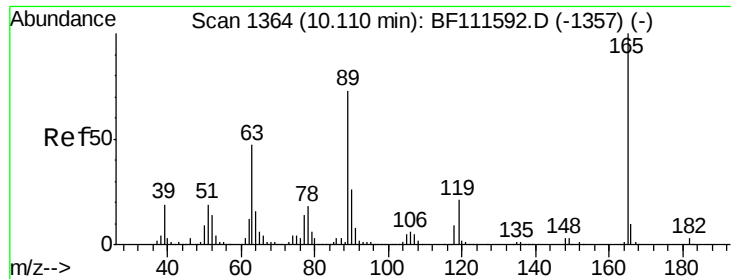
#50
Dimethylphthalate
Concen: 9.424 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion:163 Resp: 230836
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.8 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

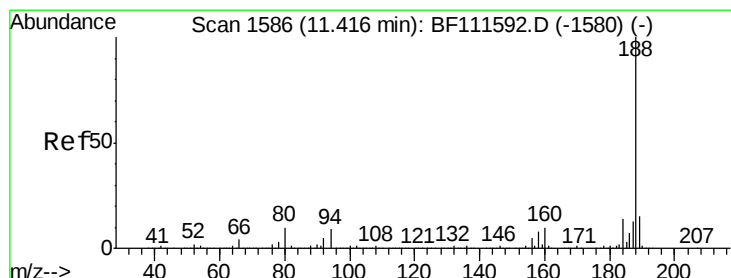
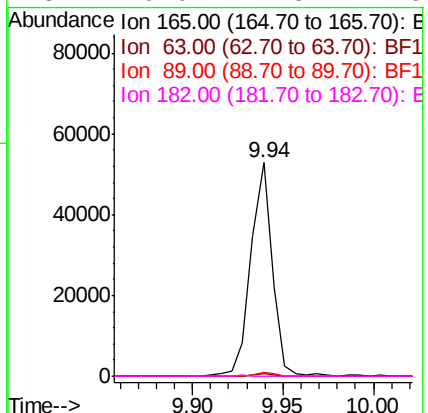
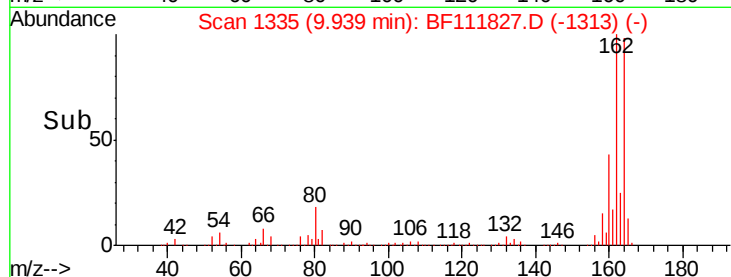
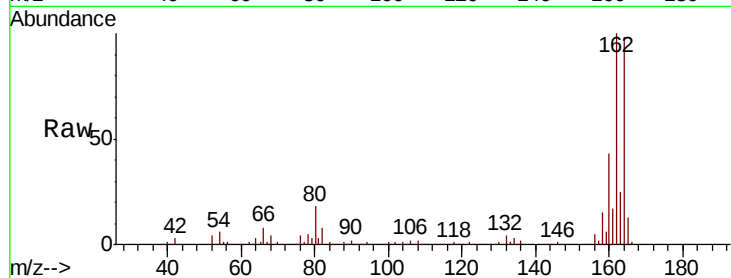




#57
2,4-Dinitrotoluene
Concen: 7.483 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

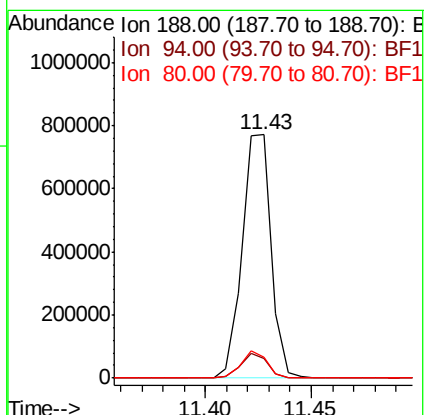
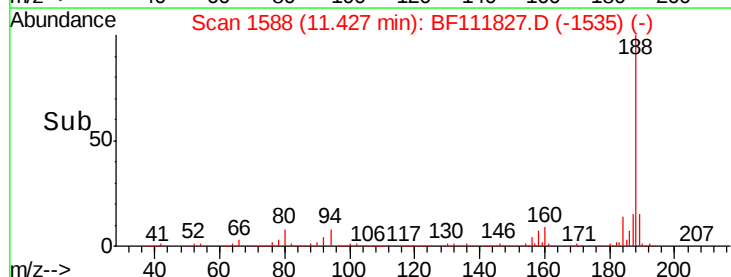
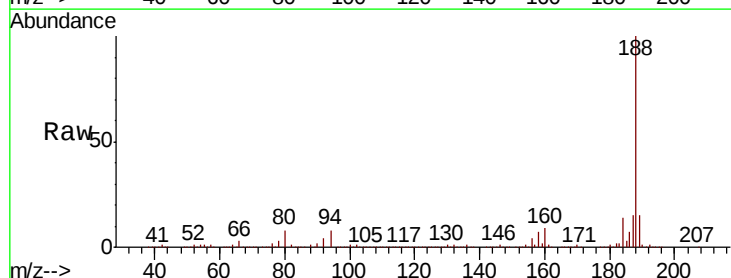
Instrument :
BNA_F
ClientSampleId :

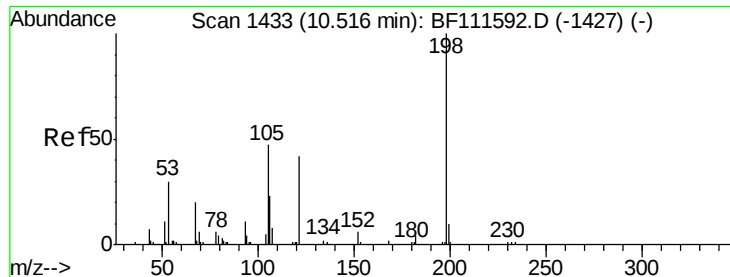
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.9	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.6	14.4#
80	8.4	9.8	14.6#

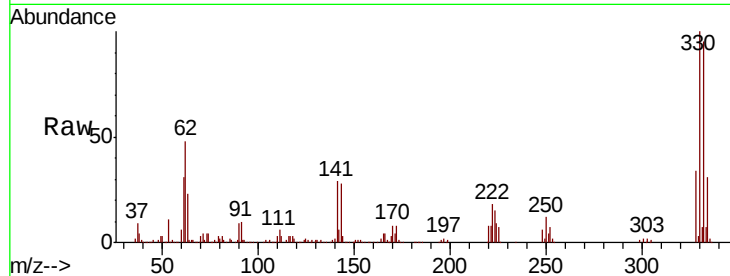




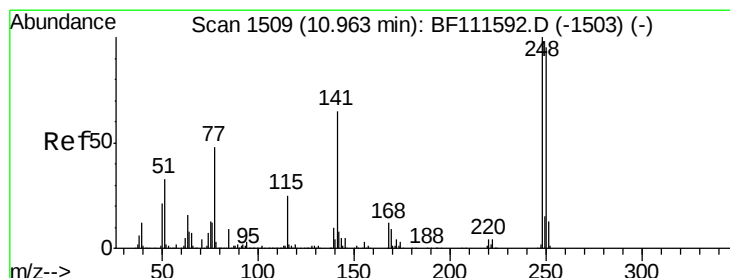
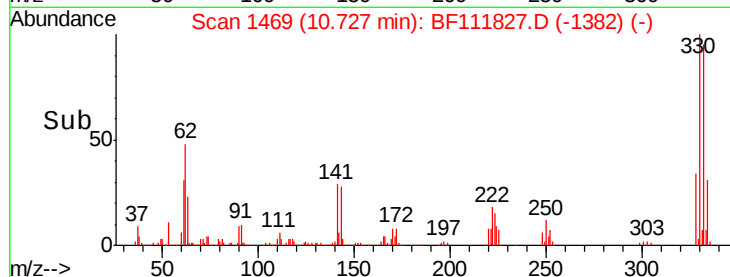
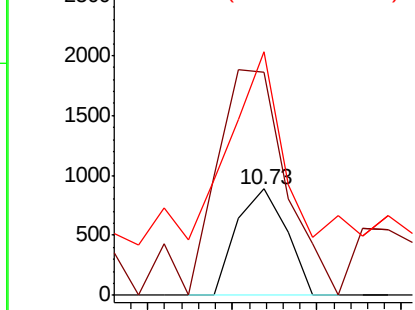
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.899 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.21 min
 Lab File: BF111827.D
 Acq: 3 Jan 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 723
 Ion Ratio Lower Upper
 198 100
 51 209.2 48.0 88.0#
 105 228.9 34.0 74.0#

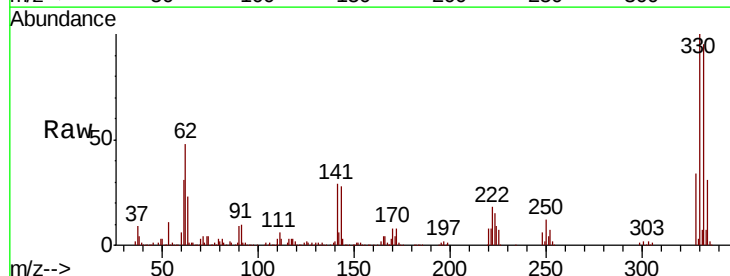


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

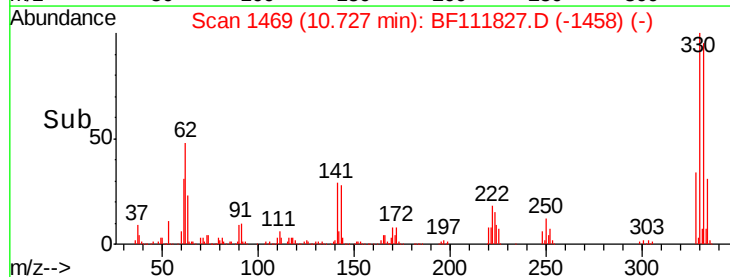
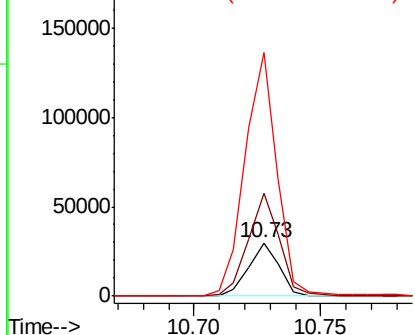


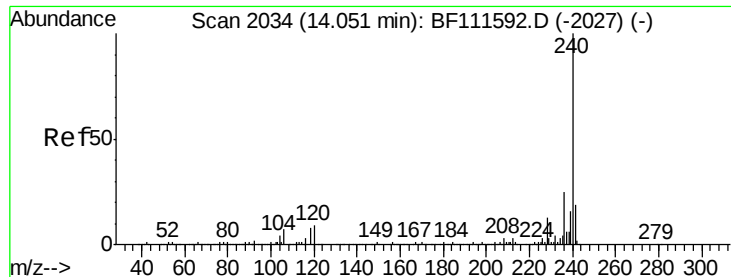
#67
 4-Bromophenyl-phenylether
 Concen: 2.768 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF111827.D
 Acq: 3 Jan 2019 18:05

Tgt Ion:248 Resp: 25120
 Ion Ratio Lower Upper
 248 100
 250 194.0 77.0 115.4#
 141 458.5 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

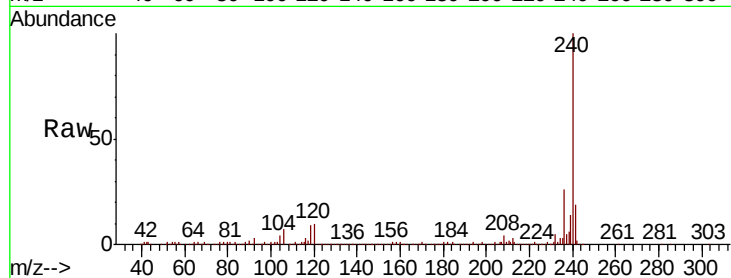




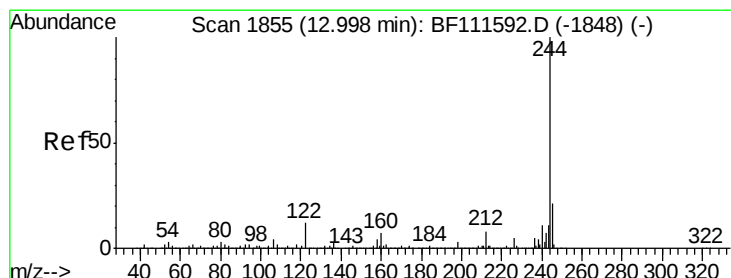
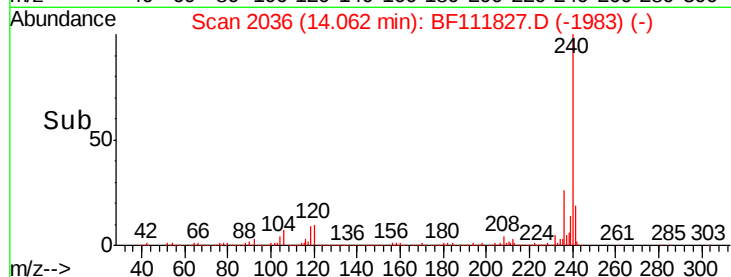
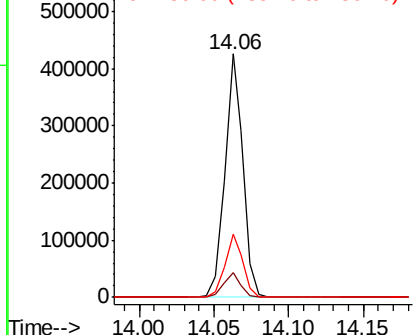
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF111827.D
 Acq: 3 Jan 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 362966
 Ion Ratio Lower Upper
 240 100
 120 9.9 12.2 18.2#
 236 25.7 20.2 30.2

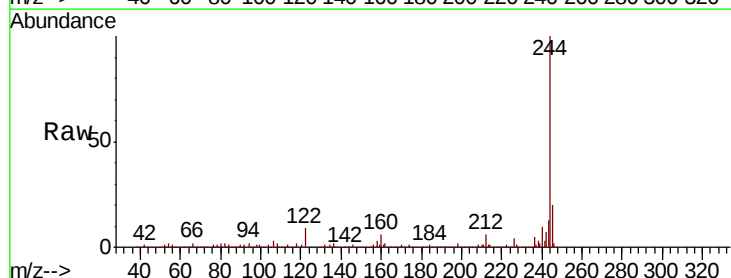


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

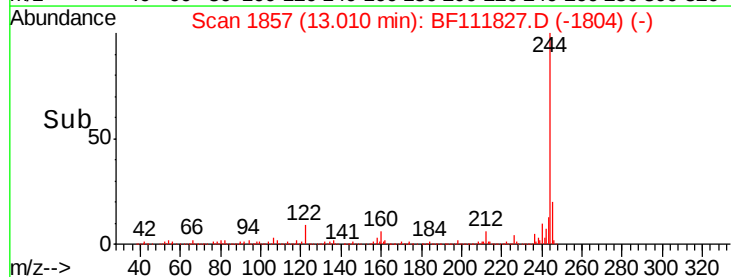
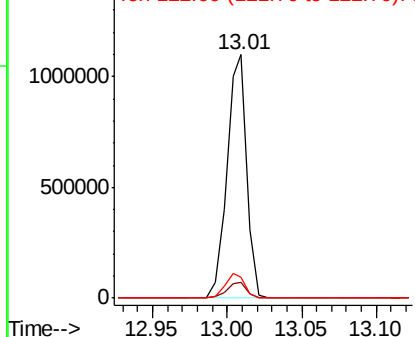


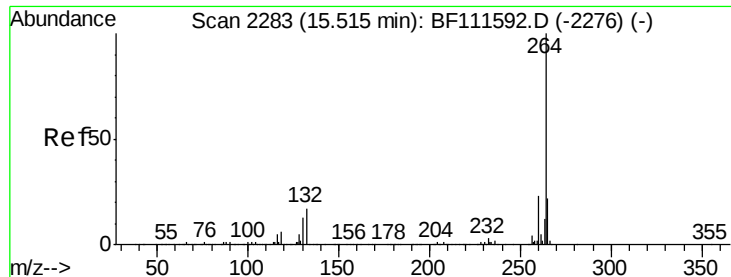
#79
 Terphenyl-d14
 Concen: 53.593 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111827.D
 Acq: 3 Jan 2019 18:05

Tgt Ion:244 Resp: 1025743
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 8.8 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111827.D
Acq: 3 Jan 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.5	17.7	26.5

