

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111911.D
 Acq On : 8 Jan 2019 17:08
 Operator : JU/SJ
 Sample : K1074-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 00:57:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

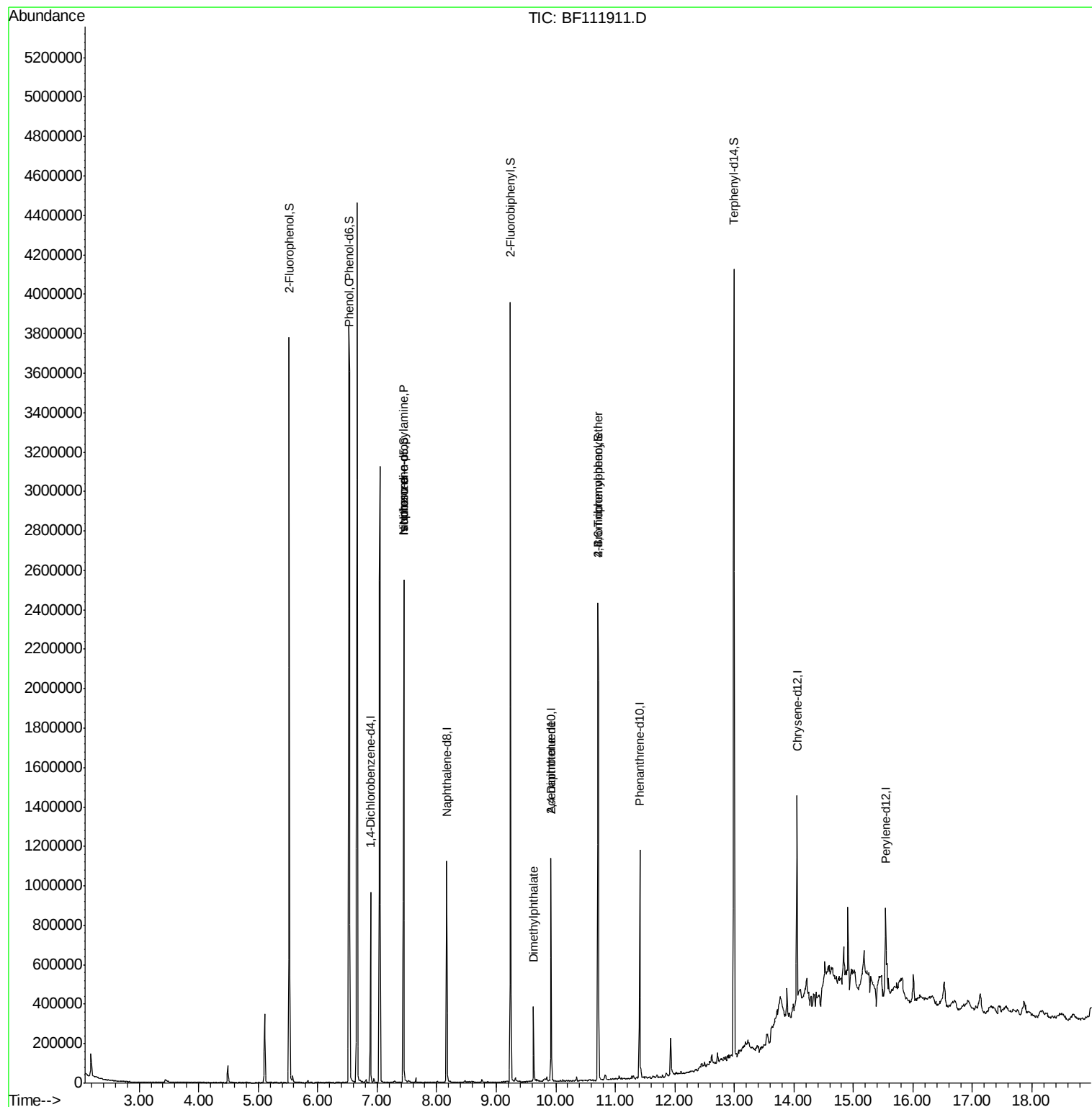
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133030	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	483712	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	206977	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	412753	20.00	ng	0.00
76) Chrysene-d12	14.05	240	336737	20.00	ng	0.00
87) Perylene-d12	15.54	264	207217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1021338	131.35	ng	0.00
7) Phenol-d6	6.53	99	1368305	136.53	ng	0.00
23) Nitrobenzene-d5	7.45	82	777302	85.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	310050	115.17	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1243795	87.63	ng	-0.01
79) Terphenyl-d14	12.99	244	1337271	75.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	3002	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	67569	6.203	ng	# 82
19) n-Nitroso-di-n-propylamine	7.45	70	103464	15.889	ng	# 76
25) Isophorone	7.45	82	773865	52.803	ng	# 65
50) Dimethylphthalate	9.63	163	144878	9.318	ng	# 97
57) 2,4-Dinitrotoluene	9.92	165	27399	6.099	ng	# 26
67) 4-Bromophenyl-phenylether	10.71	248	18603	3.480	ng	# 1

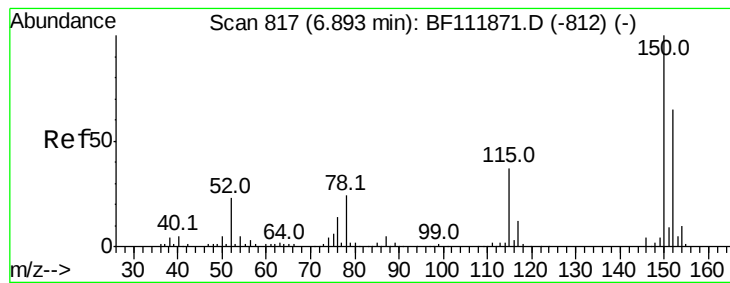
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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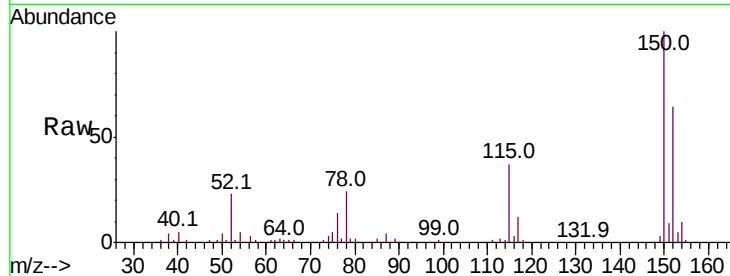


#1

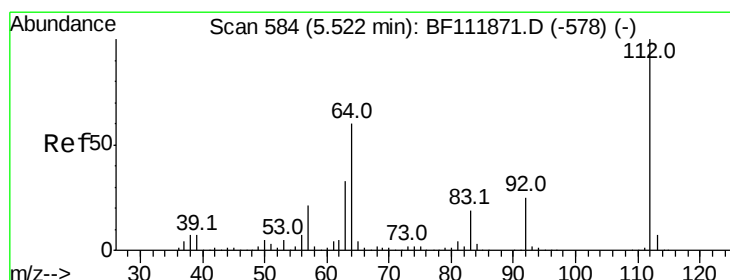
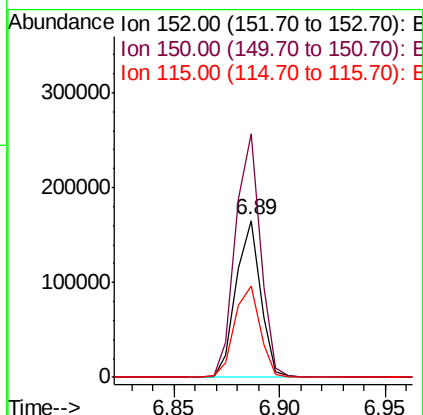
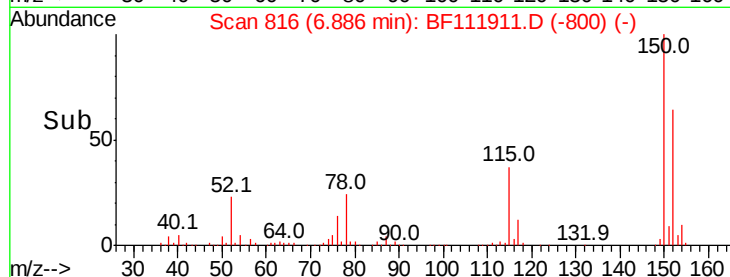
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111911.D
Acq: 8 Jan 2019 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133030
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 58.1 45.2 67.8



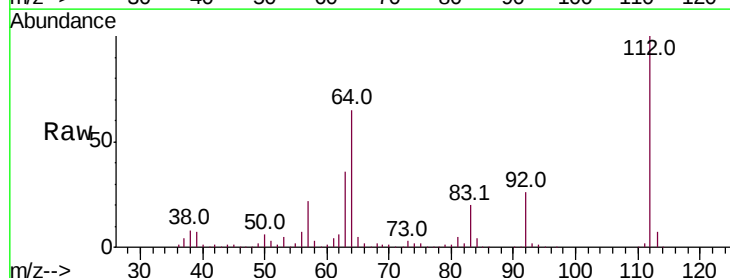
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



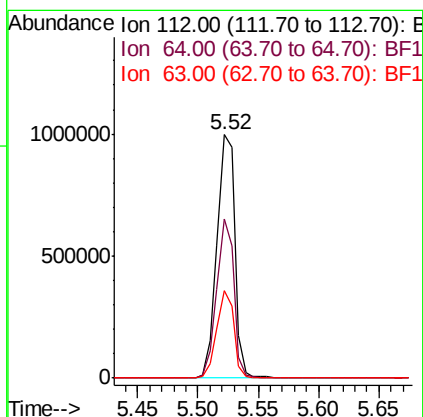
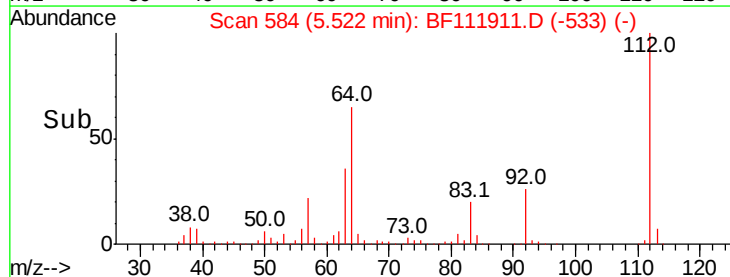
#5

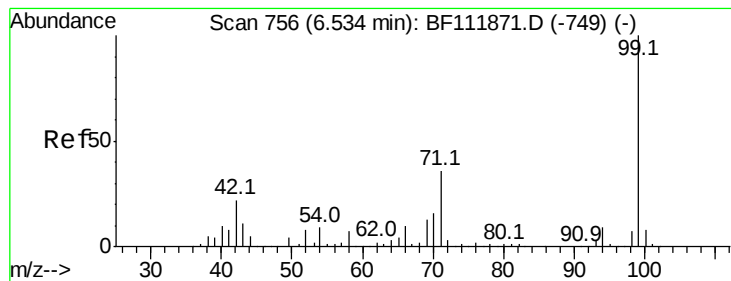
2-Fluorophenol
Concen: 131.348 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111911.D
Acq: 8 Jan 2019 17:08

Tgt Ion:112 Resp: 1021338
Ion Ratio Lower Upper
112 100
64 65.3 48.3 72.5
63 35.7 26.1 39.1



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: 136.529 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111911.D

Acq: 8 Jan 2019 17:08

Instrument :

BNA_F

ClientSampleId :

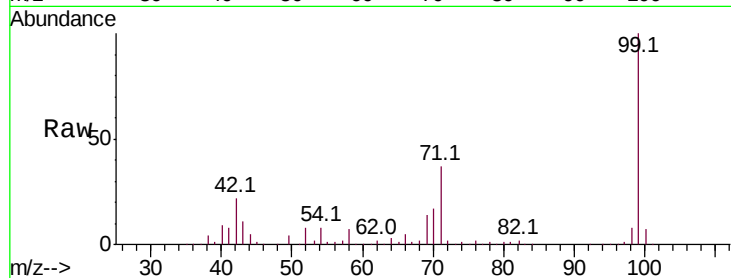
Tot Ion: 99 Resp: 1368305

Ion Ratio Lower Upper

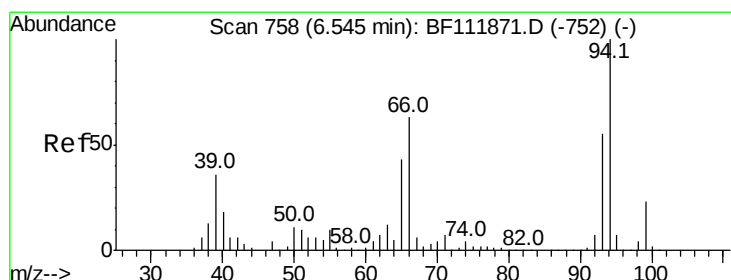
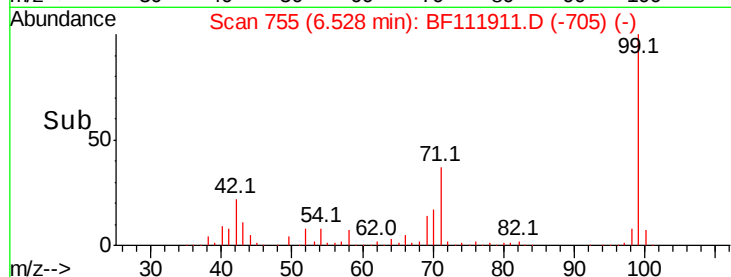
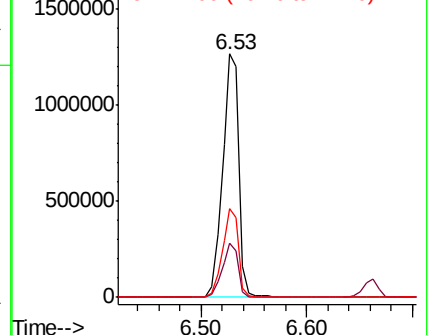
99 100

42 22.5 17.9 26.9

71 36.6 28.7 43.1



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: 6.203 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111911.D

Acq: 8 Jan 2019 17:08

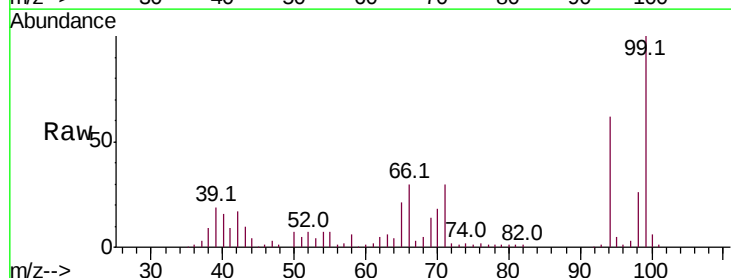
Tgt Ion: 94 Resp: 67569

Ion Ratio Lower Upper

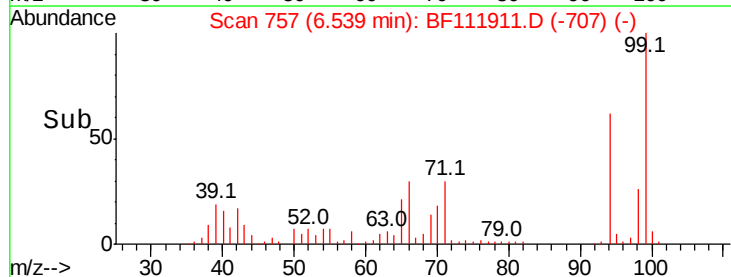
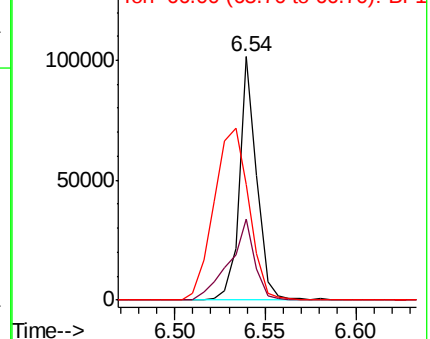
94 100

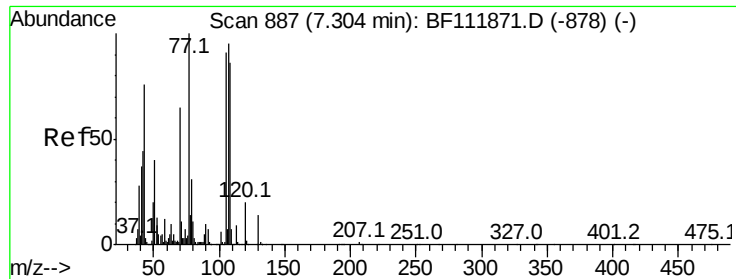
65 33.5 22.8 62.8

66 47.5 43.3 83.3



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

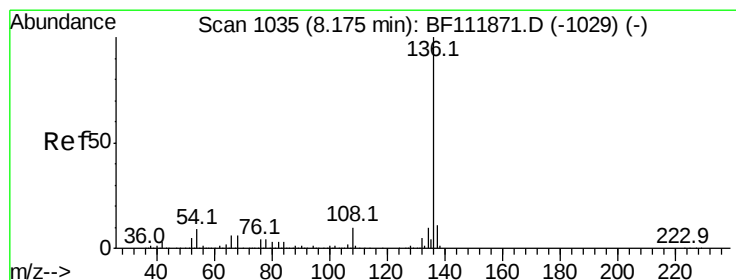
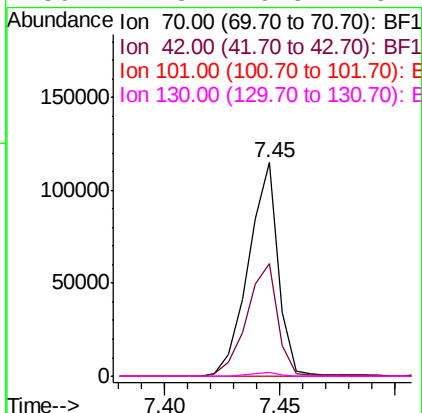
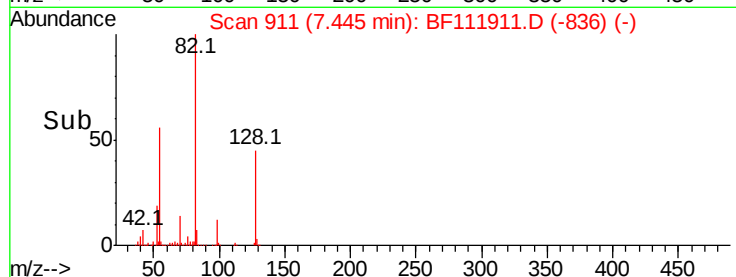
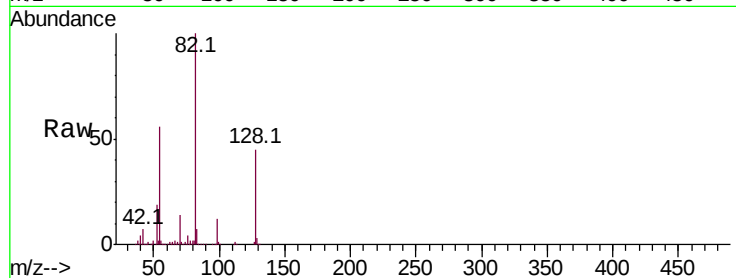




#19
n-Nitroso-di-n-propylamine
Concen: 15.889 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111911.D
Acq: 8 Jan 2019 17:08

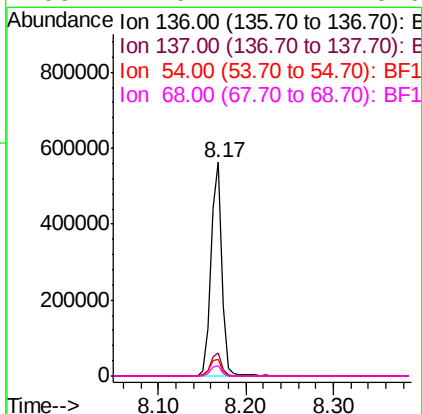
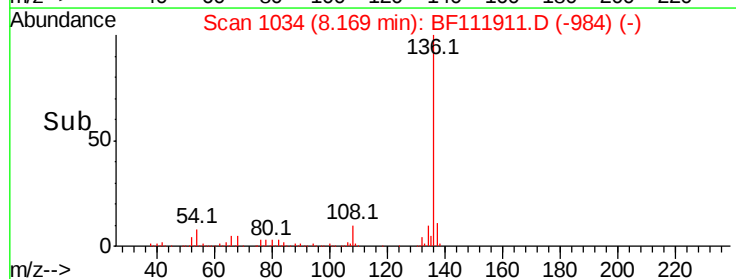
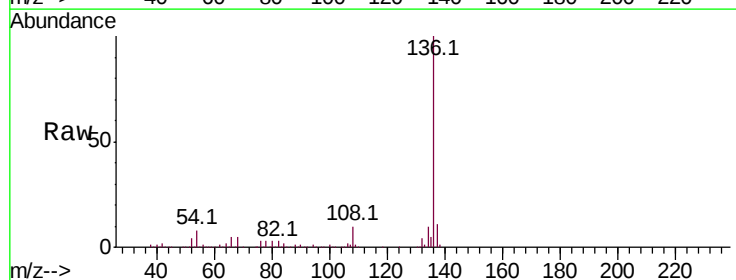
Instrument :
BNA_F
ClientSampleId :

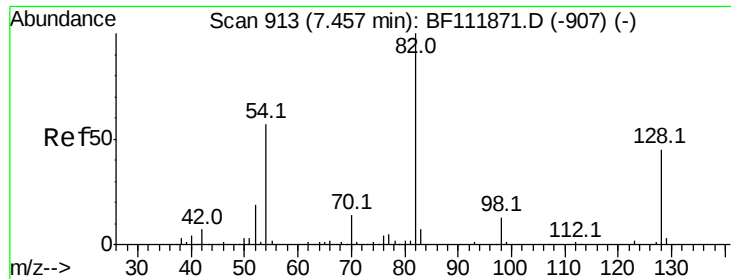
Tot Ion: 70 Resp: 103464
Ion Ratio Lower Upper
70 100
42 52.5 53.6 80.4#
101 0.0 7.3 10.9#
130 1.8 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111911.D
Acq: 8 Jan 2019 17:08

Tgt Ion: 136 Resp: 483712
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.0 7.2 10.8
68 4.9 4.4 6.6

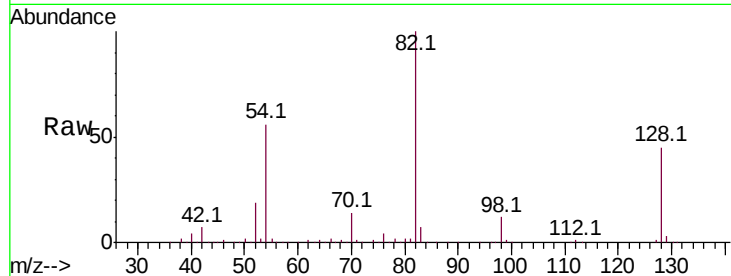




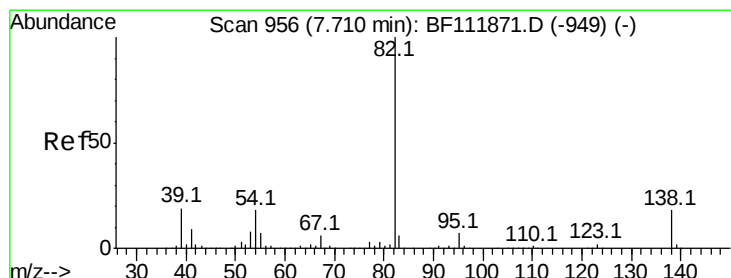
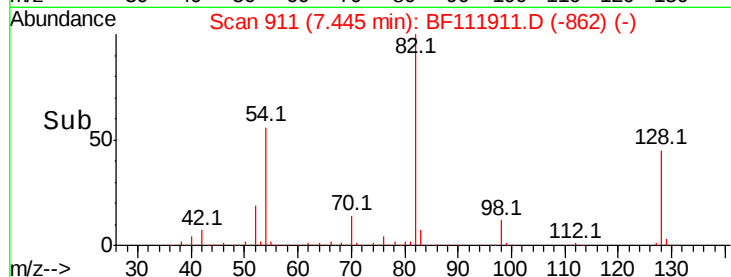
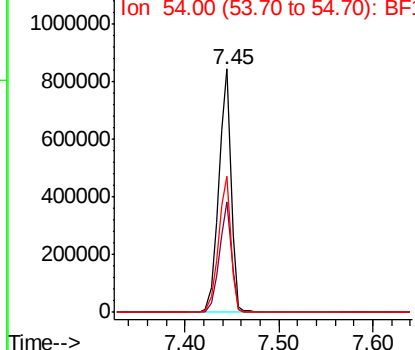
#23
 Nitrobenzene-d5
 Concen: 85.884 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111911.D
 Acq: 8 Jan 2019 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 777302
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.7 53.5
 54 55.9 45.8 68.8

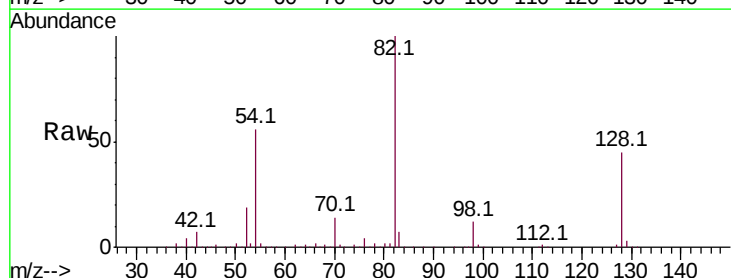


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

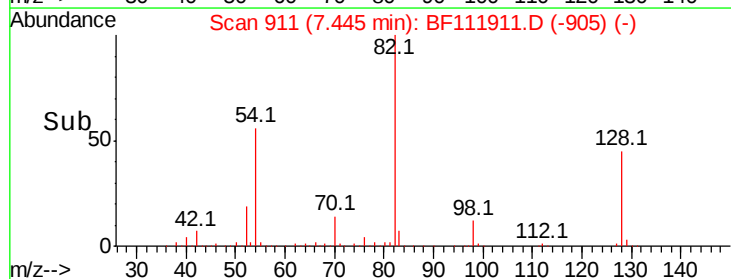
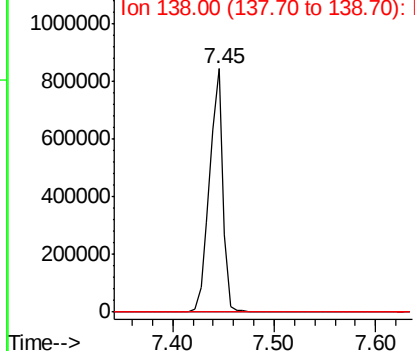


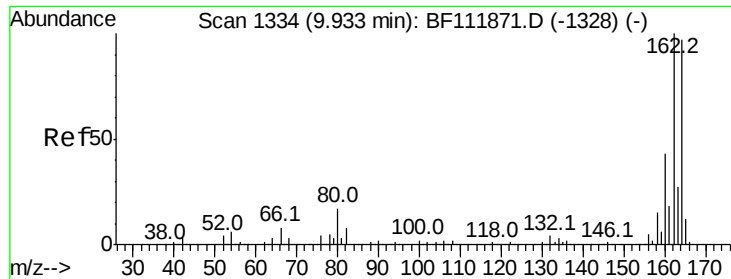
#25
 Isophorone
 Concen: 52.803 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF111911.D
 Acq: 8 Jan 2019 17:08

Tgt Ion: 82 Resp: 773865
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.4 21.6#



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

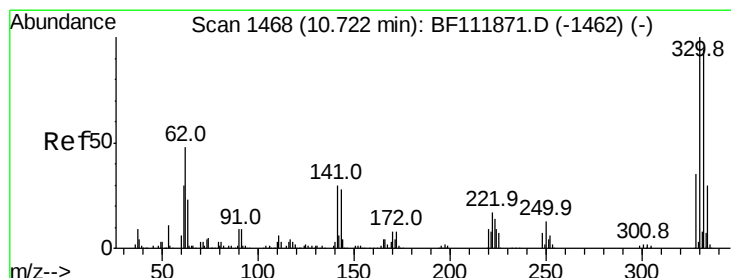
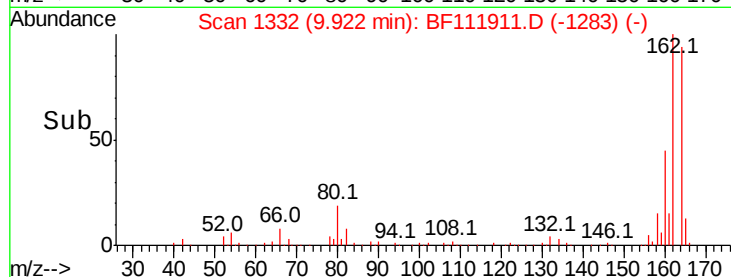
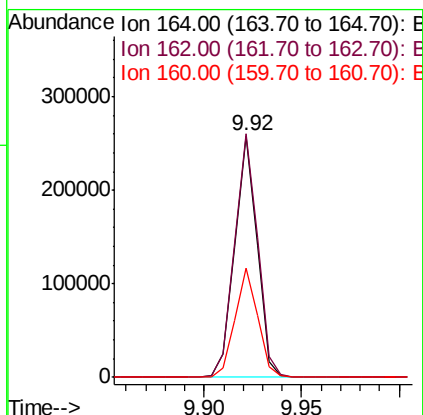
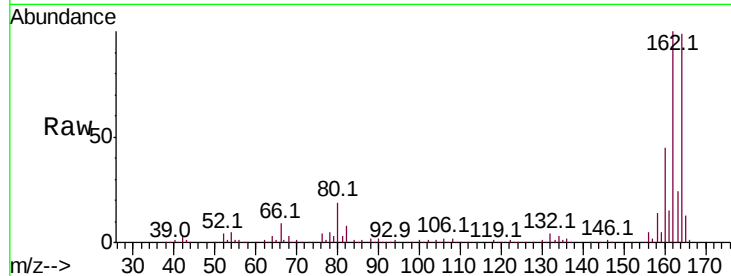




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111911.D
Acq: 8 Jan 2019 17:08

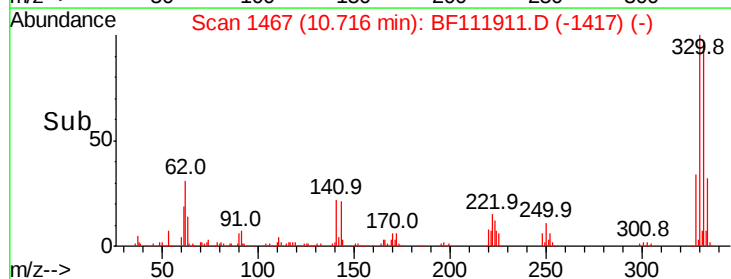
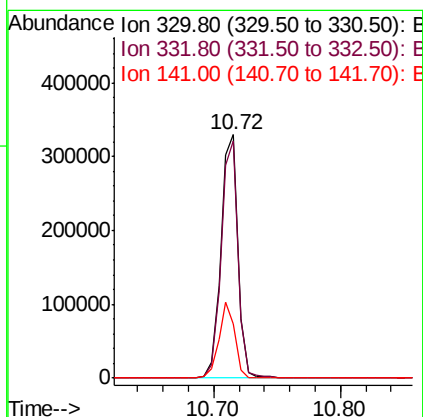
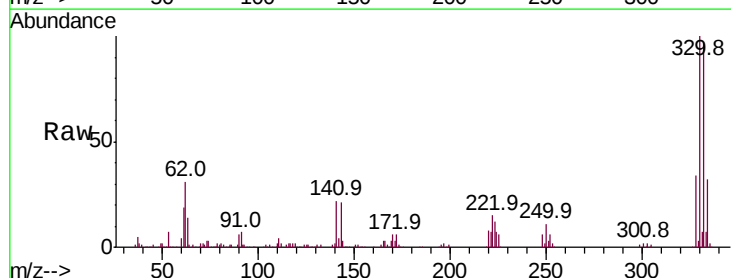
Instrument :
BNA_F
ClientSampleId :

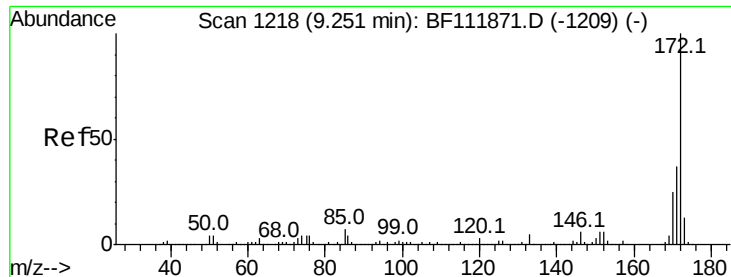
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	45.1	35.5	53.3



#42
2,4,6-Tribromophenol
Concen: 115.168 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111911.D
Acq: 8 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	29.2	23.7	35.5

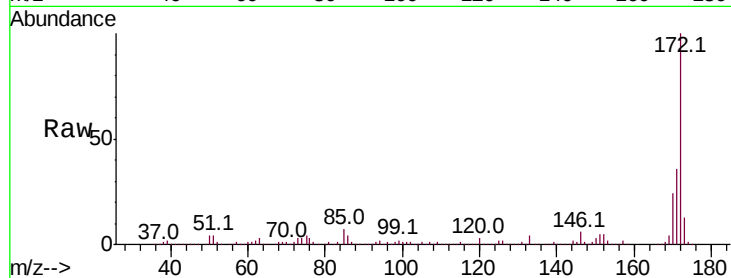




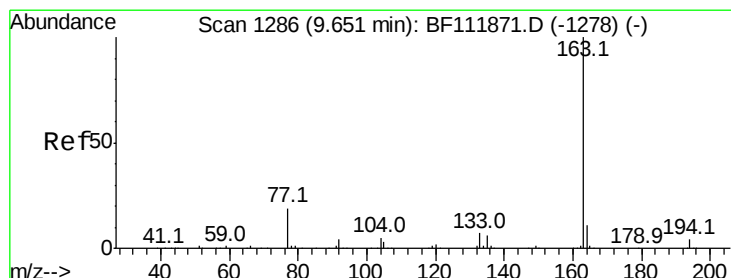
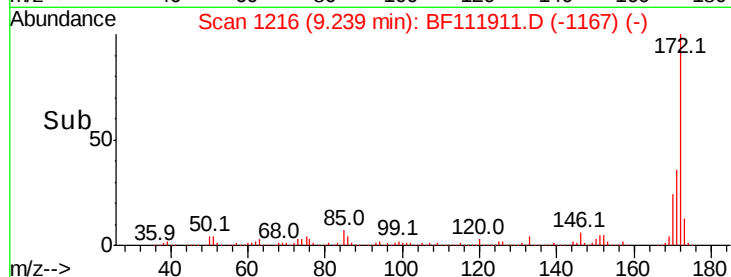
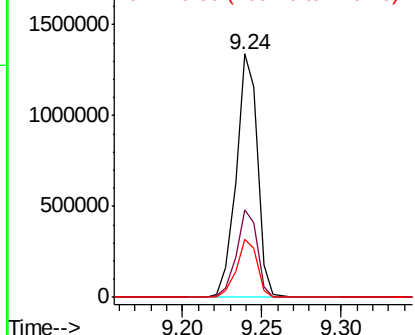
#45
2-Fluorobiphenyl
Concen: 87.628 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111911.D
Acq: 8 Jan 2019 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1243795
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.1 19.8 29.8

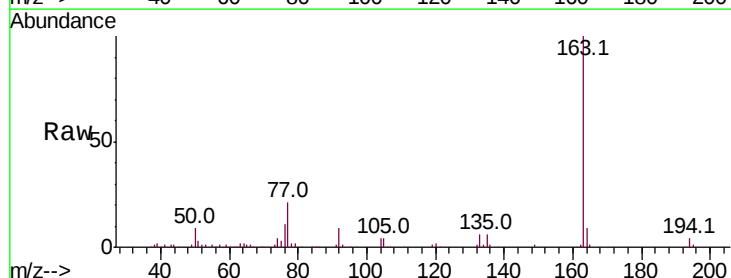


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

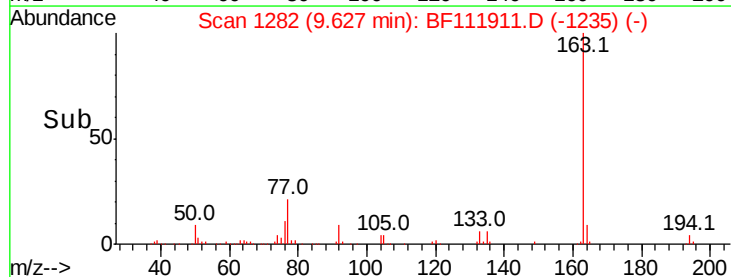
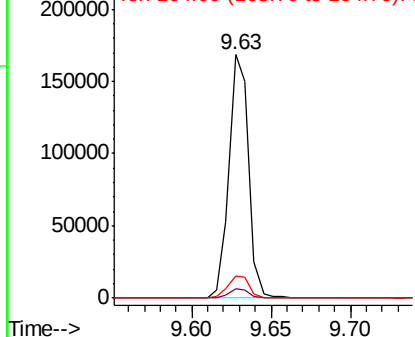


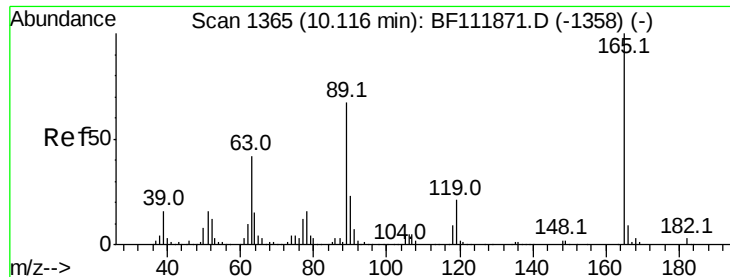
#50
Dimethylphthalate
Concen: 9.318 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111911.D
Acq: 8 Jan 2019 17:08

Tgt Ion:163 Resp: 144878
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.3 8.5 12.7



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

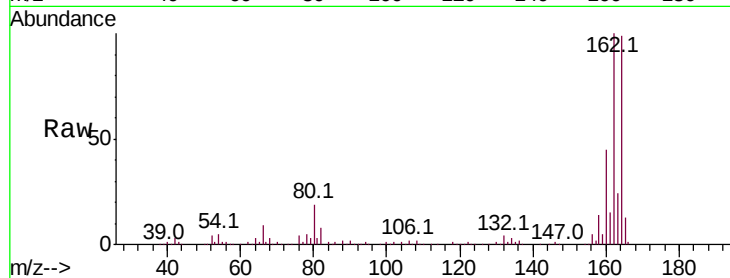




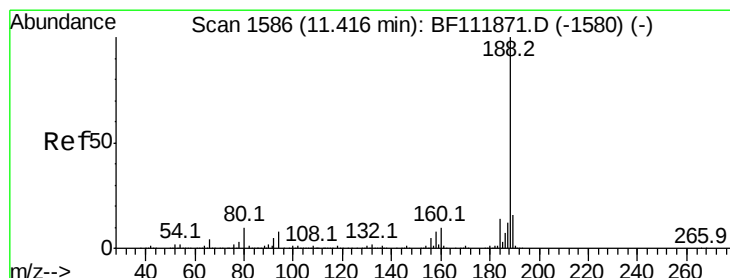
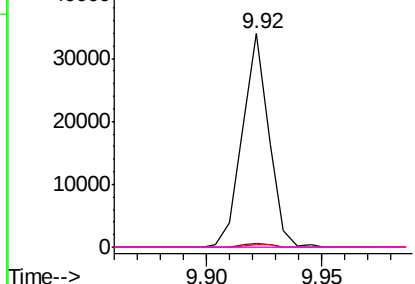
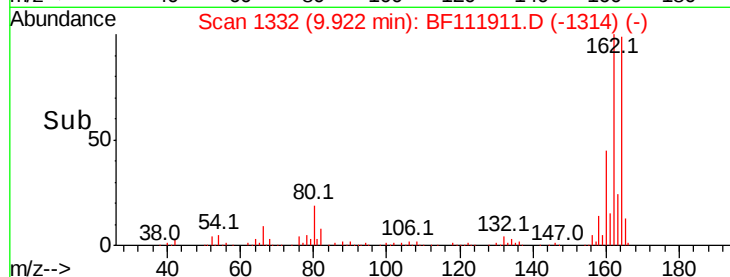
#57
 2,4-Dinitrotoluene
 Concen: 6.099 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111911.D
 Acq: 8 Jan 2019 17:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 27399
 Ion Ratio Lower Upper
 165 100
 63 1.7 34.1 51.1#
 89 1.2 53.5 80.3#
 182 0.0 2.0 3.0#

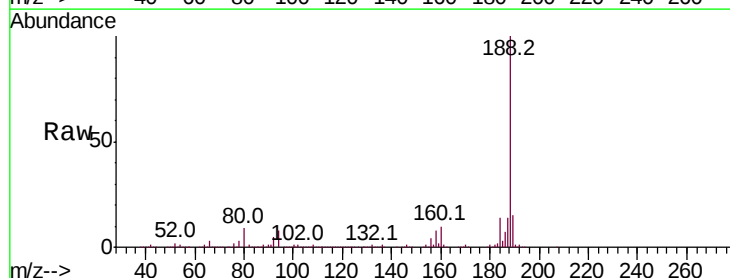


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

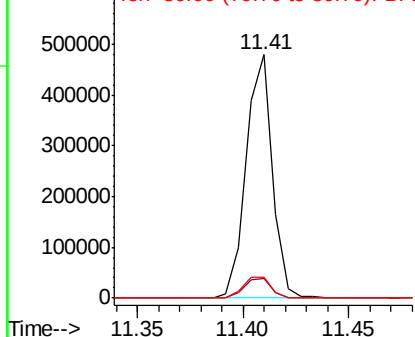
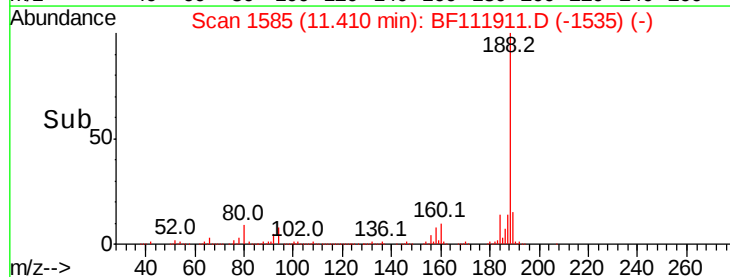


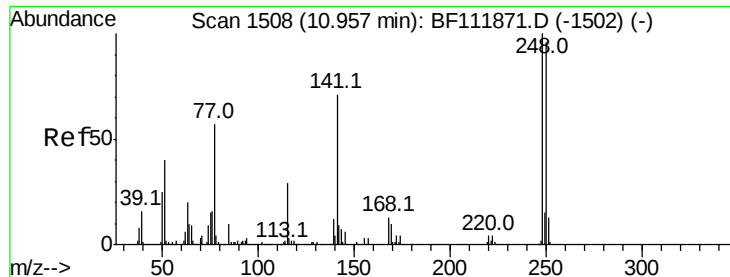
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111911.D
 Acq: 8 Jan 2019 17:08

Tgt Ion:188 Resp: 412753
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.6 10.0
 80 8.6 7.7 11.5



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

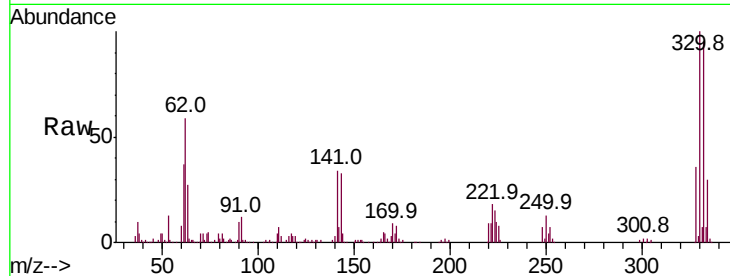




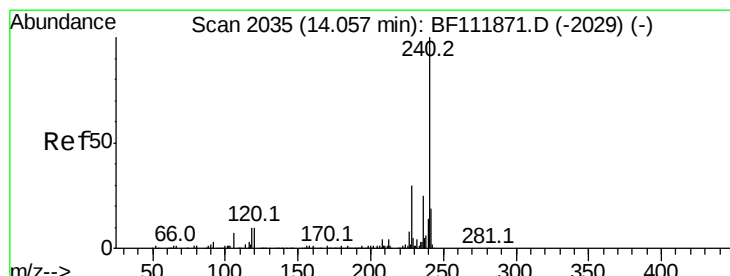
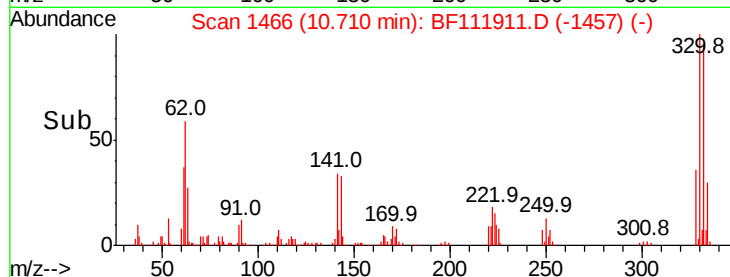
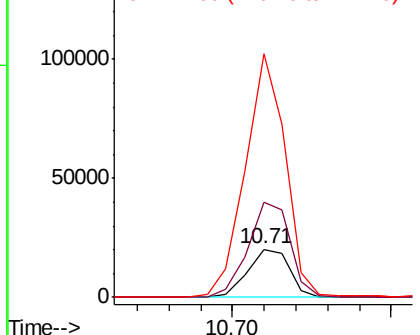
#67
 4-Bromophenyl-phenylether
 Concen: 3.480 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111911.D
 Acq: 8 Jan 2019 17:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 18603
 Ion Ratio Lower Upper
 248 100
 250 199.2 76.8 115.2#
 141 509.1 57.0 85.6#

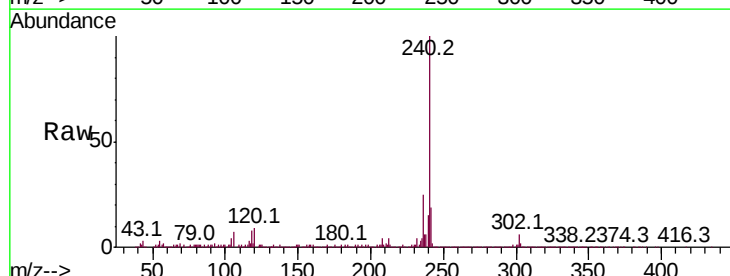


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

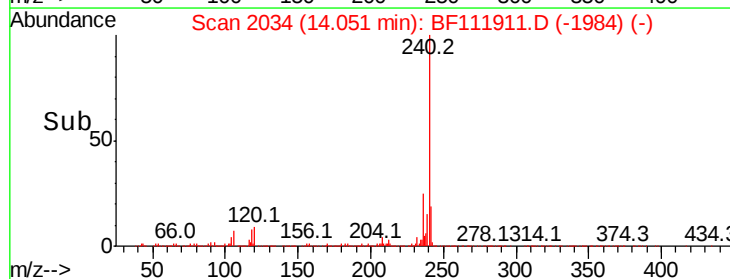
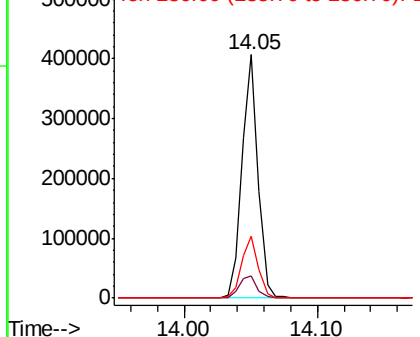


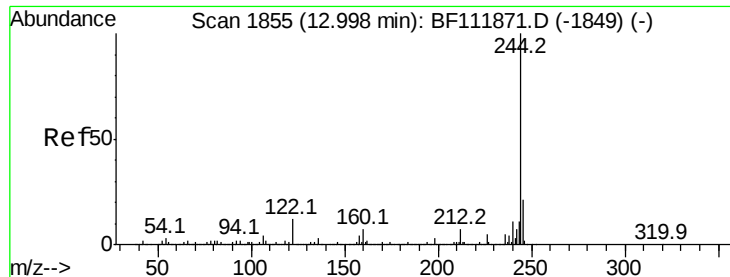
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111911.D
 Acq: 8 Jan 2019 17:08

Tgt Ion:240 Resp: 336737
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.2 12.2
 236 25.3 20.2 30.4



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: 75.383 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111911.D

Acq: 8 Jan 2019 17:08

Instrument :

BNA_F

ClientSampleId :

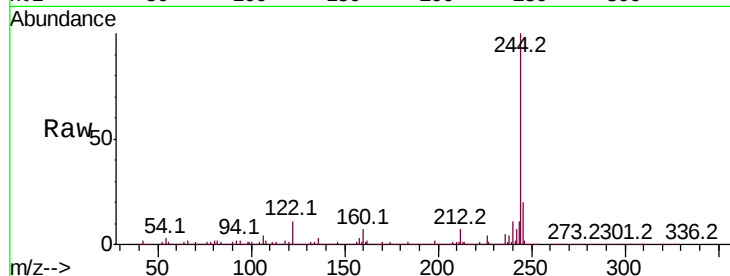
Tot Ion:244 Resp: 1337271

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

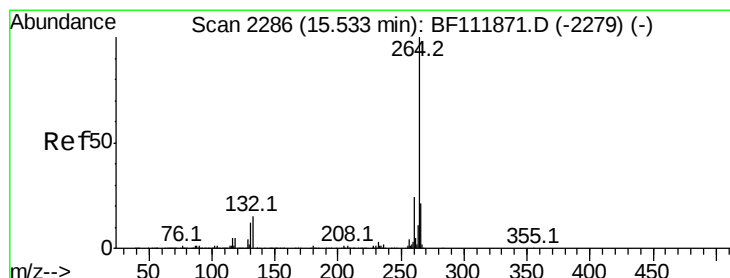
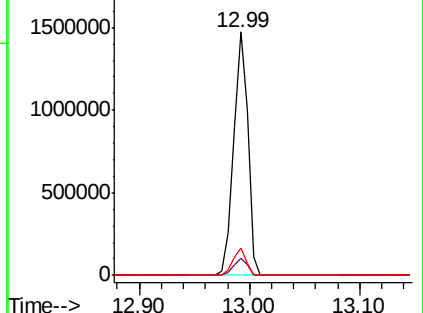
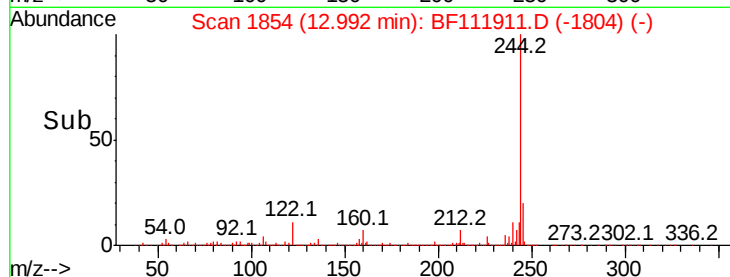
122 11.0 9.5 14.3



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111911.D

Acq: 8 Jan 2019 17:08

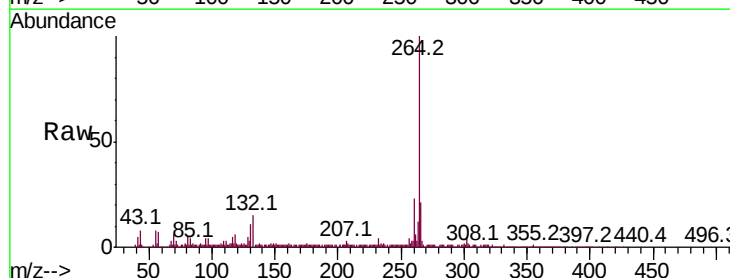
Tgt Ion:264 Resp: 207217

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 17.1 25.7



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

