

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111918.D
 Acq On : 8 Jan 2019 20:17
 Operator : JU/SJ
 Sample : K1074-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 00:59:09 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

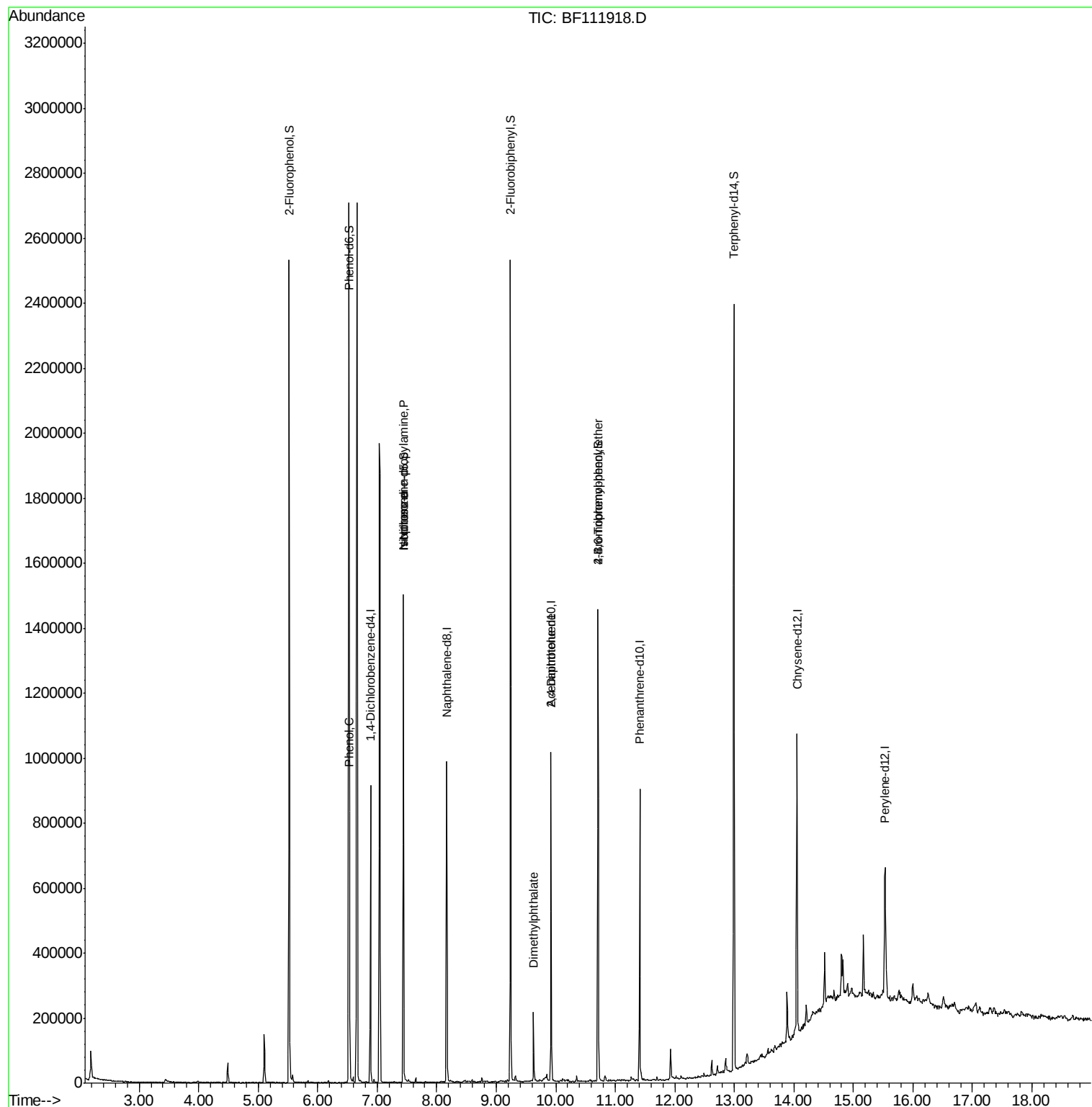
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128842	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	443658	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	180628	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	306585	20.00	ng	0.00
76) Chrysene-d12	14.05	240	294420	20.00	ng	0.00
87) Perylene-d12	15.53	264	193953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	625258	83.02	ng	0.00
7) Phenol-d6	6.53	99	831817	85.70	ng	0.00
23) Nitrobenzene-d5	7.44	82	490018	59.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	163291	69.50	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	700624	56.56	ng	-0.01
79) Terphenyl-d14	12.99	244	727964	46.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1411	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	35899	3.403 ng	#	73
19) n-Nitroso-di-n-propylamine	7.44	70	65970	10.460 ng	#	81
25) Isophorone	7.44	82	485963	36.152 ng	#	65
50) Dimethylphthalate	9.63	163	78973	5.820 ng		98
57) 2,4-Dinitrotoluene	9.92	165	23750	6.057 ng	#	26
67) 4-Bromophenyl-phenylether	10.71	248	9944	2.504 ng	#	1

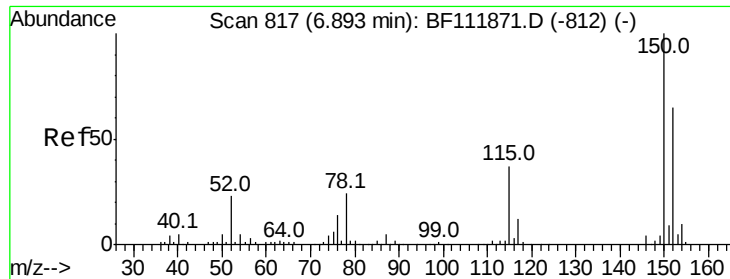
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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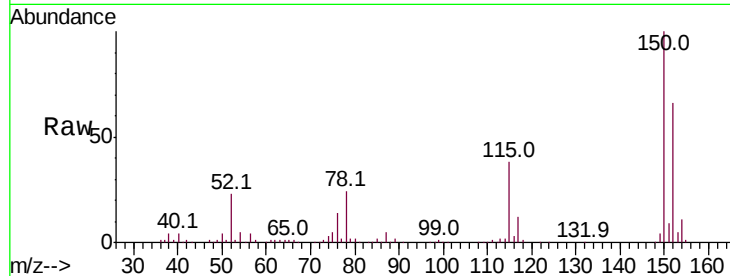


#1

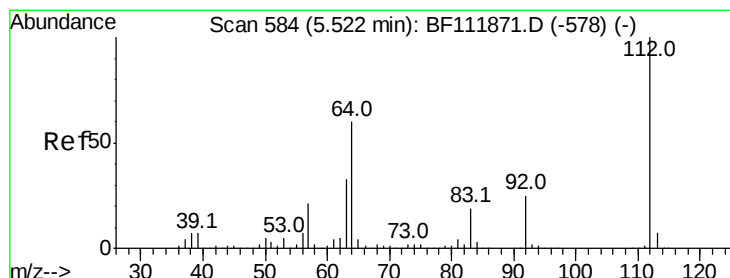
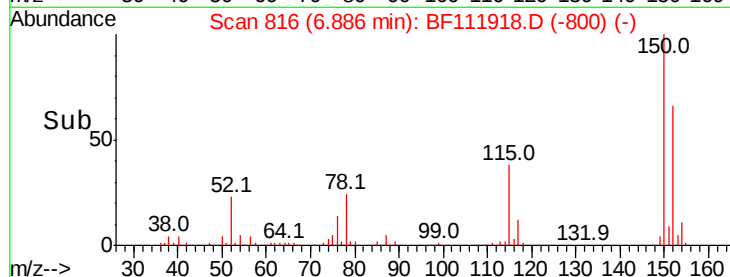
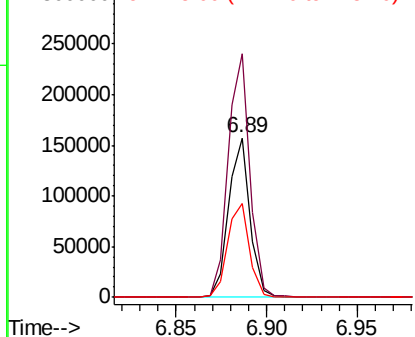
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111918.D
Acq: 8 Jan 2019 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128842
Ion Ratio Lower Upper
152 100
150 152.6 122.7 184.1
115 58.6 45.2 67.8



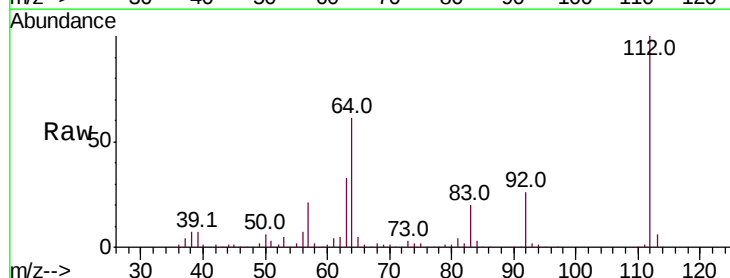
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



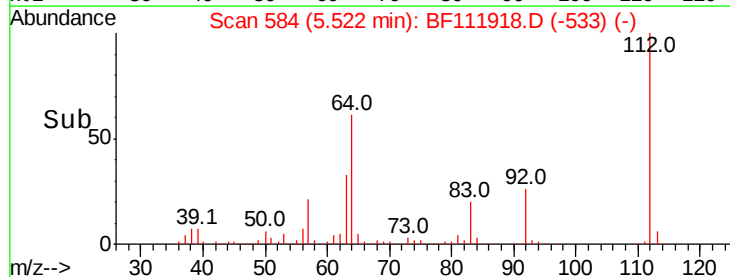
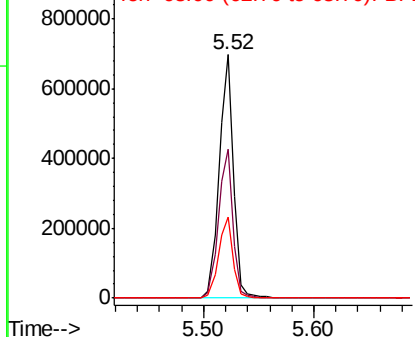
#5

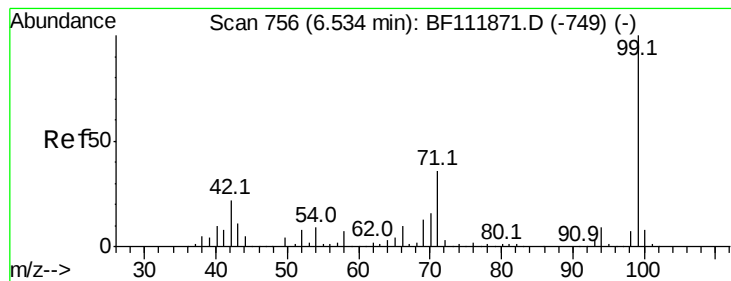
2-Fluorophenol
Concen: 83.024 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111918.D
Acq: 8 Jan 2019 20:17

Tgt Ion:112 Resp: 625258
Ion Ratio Lower Upper
112 100
64 61.2 48.3 72.5
63 33.5 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: 85.696 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111918.D

Acq: 8 Jan 2019 20:17

Instrument :

BNA_F

ClientSampleId :

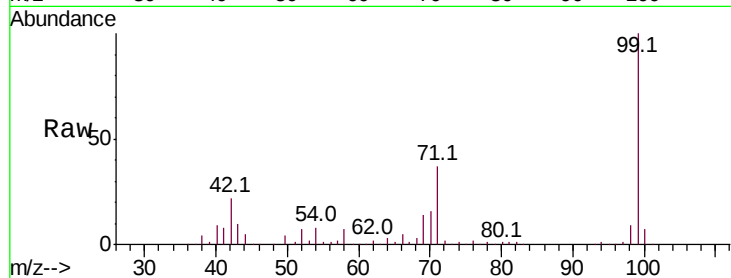
Tot Ion: 99 Resp: 831817

Ion Ratio Lower Upper

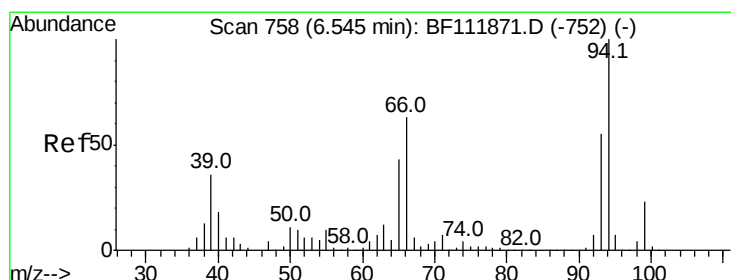
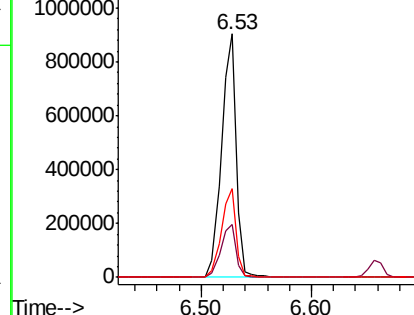
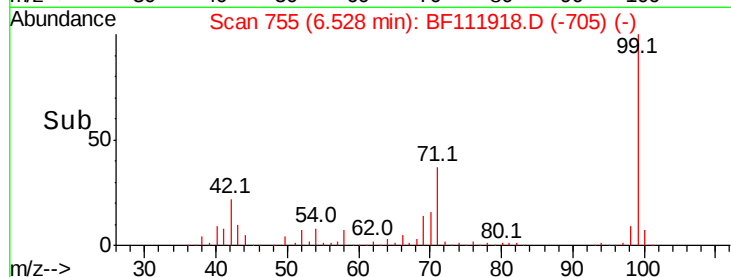
99 100

42 21.7 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: 3.403 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111918.D

Acq: 8 Jan 2019 20:17

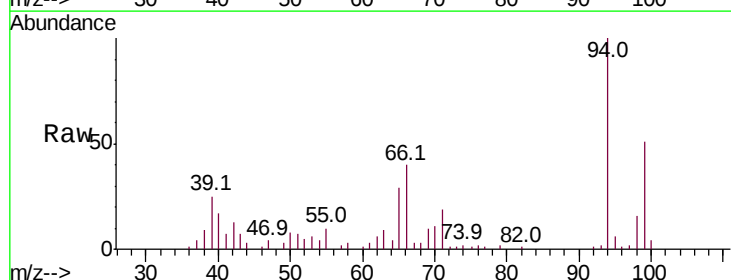
Tgt Ion: 94 Resp: 35899

Ion Ratio Lower Upper

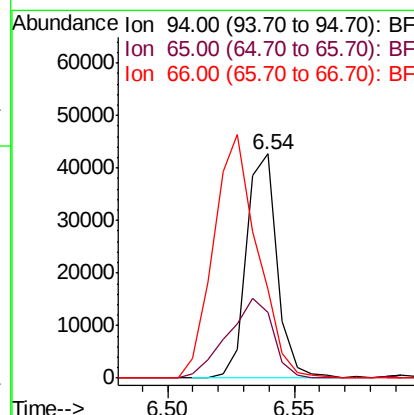
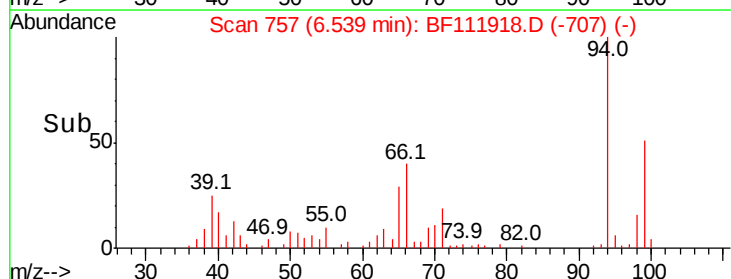
94 100

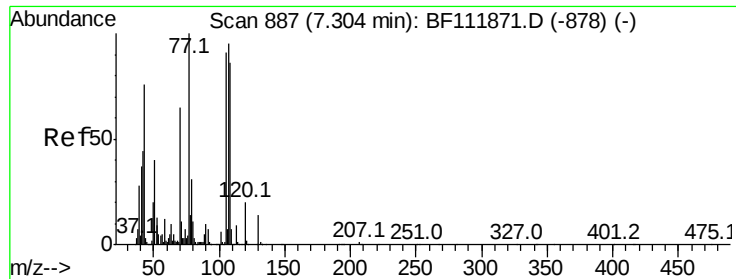
65 29.4 22.8 62.8

66 39.7 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: 10.460 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF111918.D

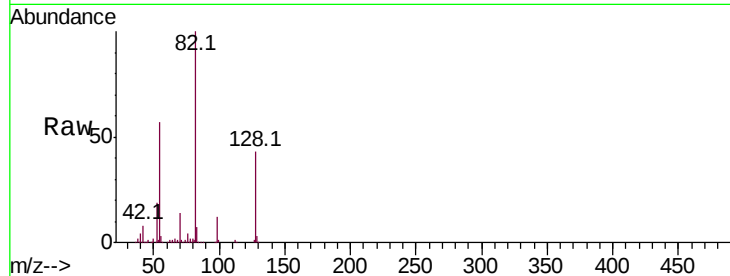
Acq: 8 Jan 2019 20:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	65970
Ion	Ratio	Lower	Upper
70	100		
42	57.3	53.6	80.4
101	0.0	7.3	10.9#
130	2.1	16.8	25.2#

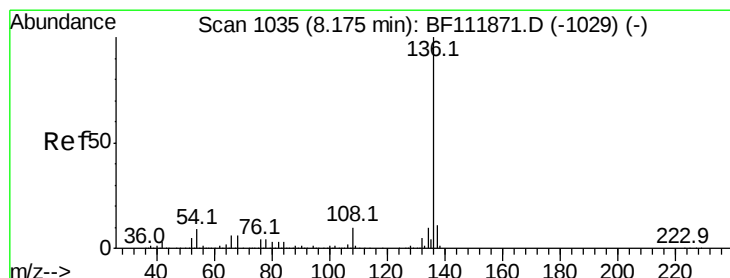
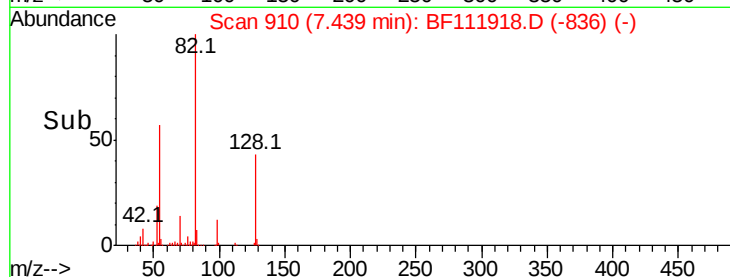
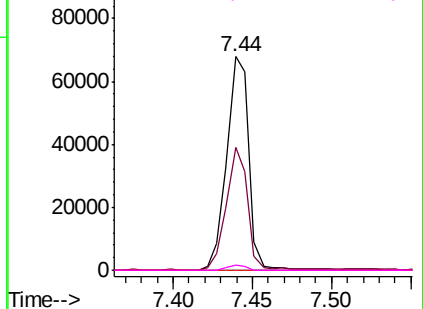


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1034

Delta R.T. -0.01 min

Lab File: BF111918.D

Acq: 8 Jan 2019 20:17

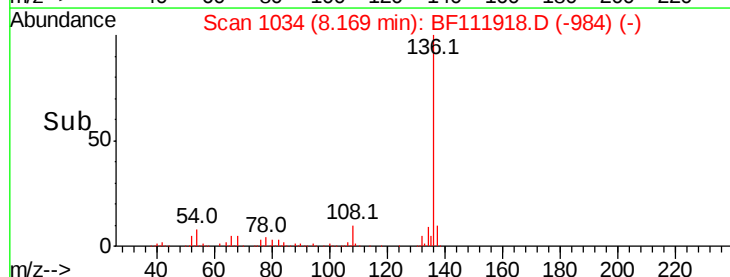
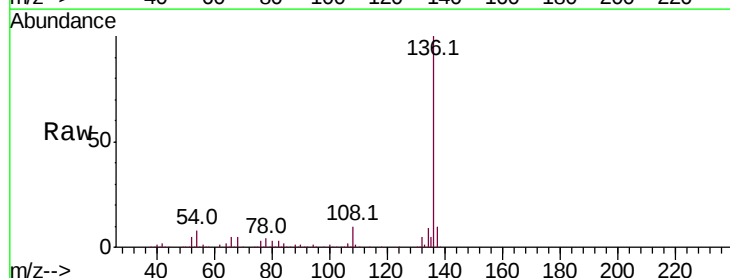
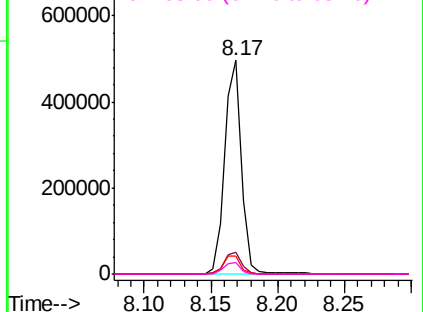
Tgt Ion:	136	Resp:	443658
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	8.1	7.2	10.8
68	5.1	4.4	6.6

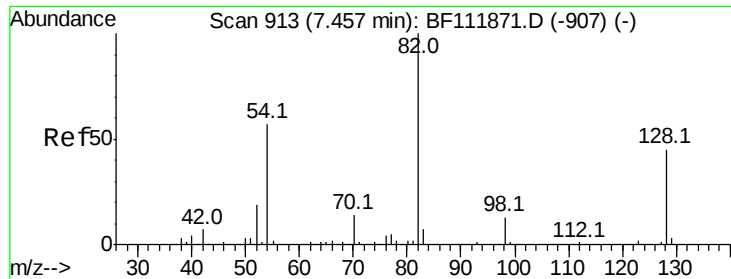
Abundance Ion 136.00 (135.70 to 136.70): E

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

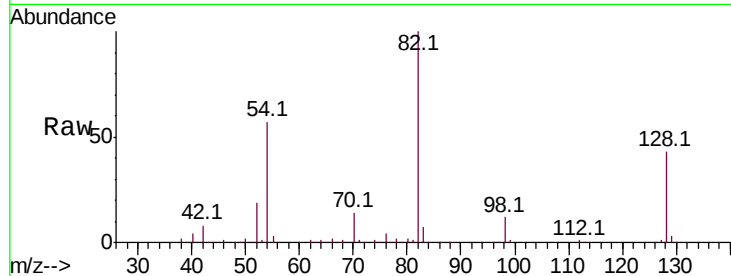




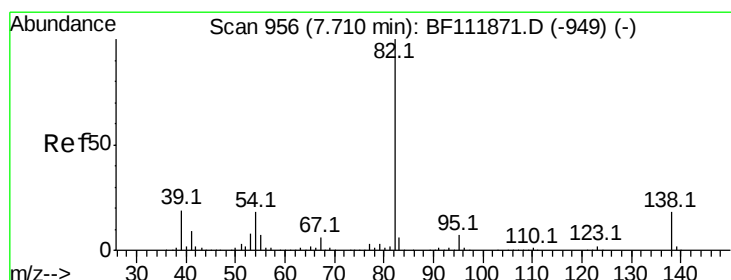
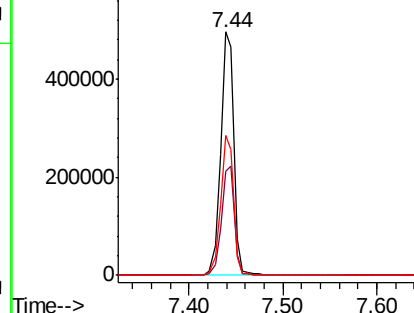
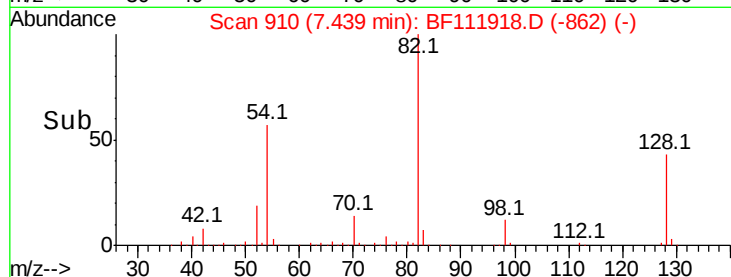
#23
Nitrobenzene-d5
Concen: 59.030 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111918.D
Acq: 8 Jan 2019 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 490018
Ion Ratio Lower Upper
82 100
128 42.8 35.7 53.5
54 57.4 45.8 68.8

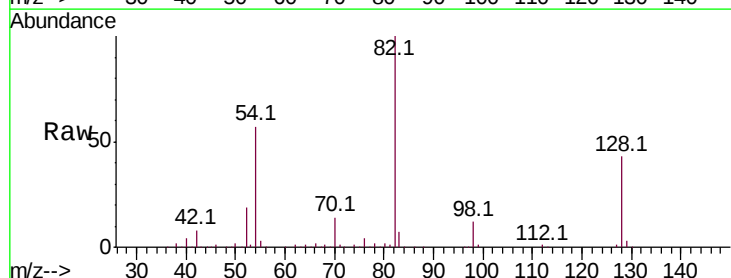


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

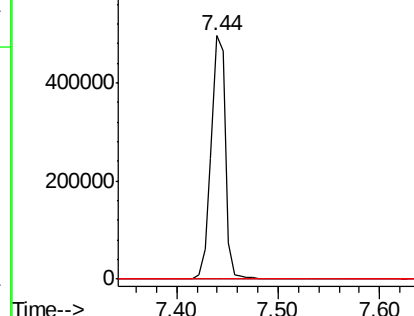
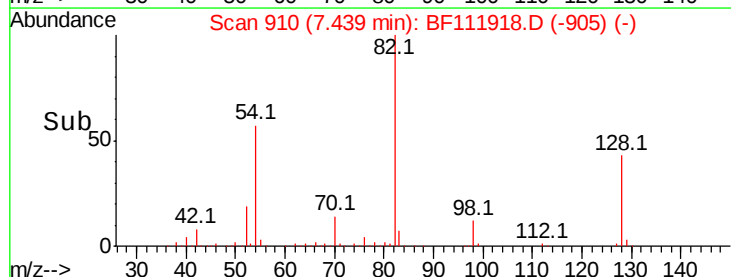


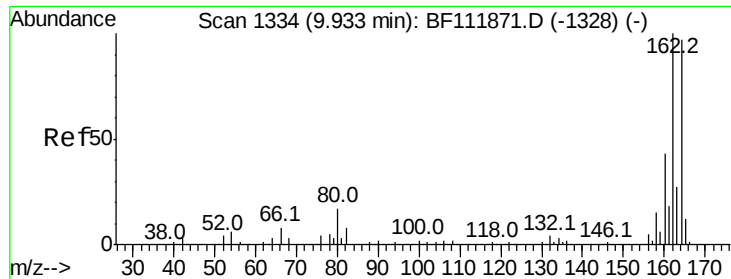
#25
Isophorone
Concen: 36.152 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111918.D
Acq: 8 Jan 2019 20:17

Tgt Ion: 82 Resp: 485963
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

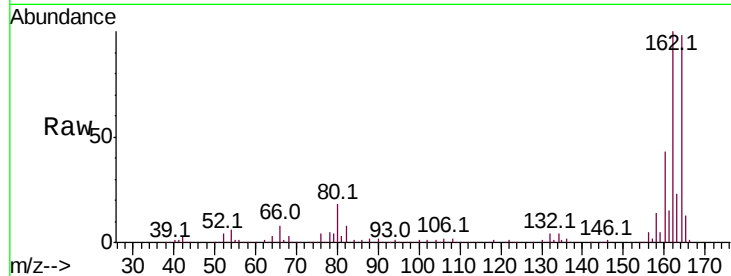




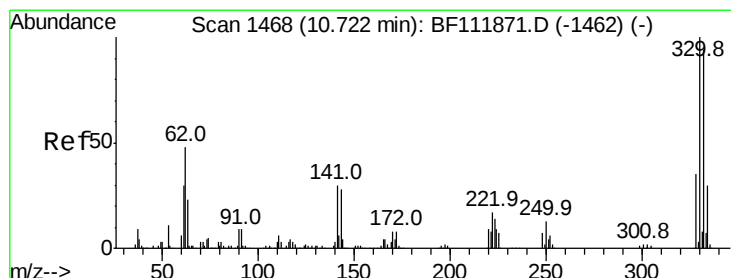
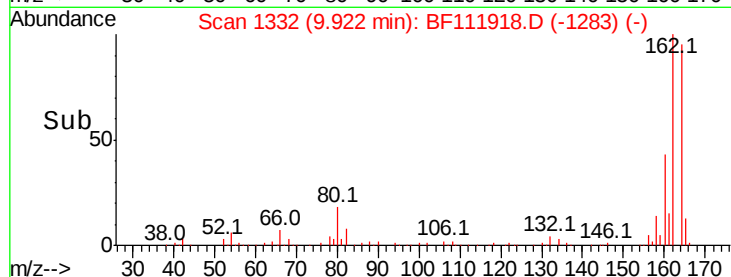
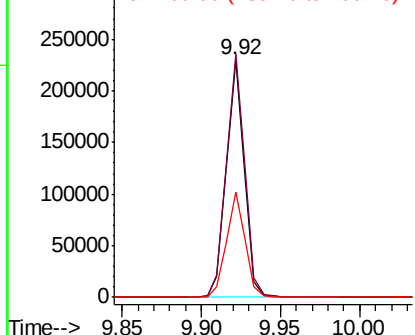
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111918.D
Acq: 8 Jan 2019 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 180628
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 44.4 35.5 53.3

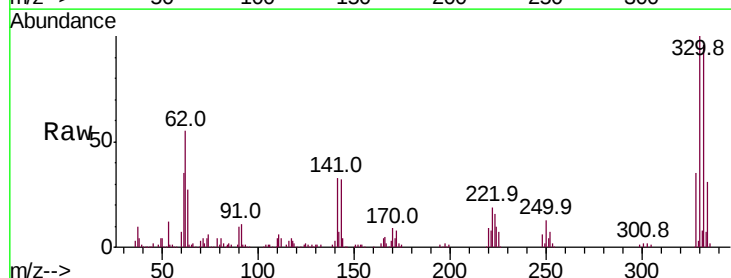


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

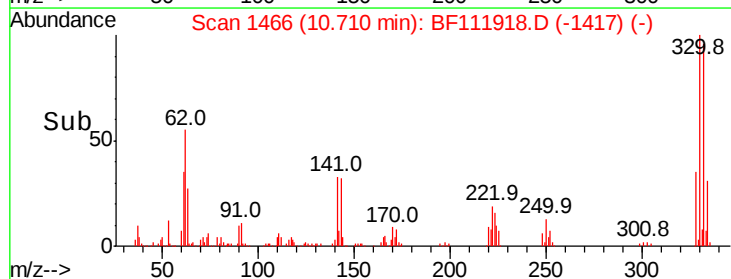
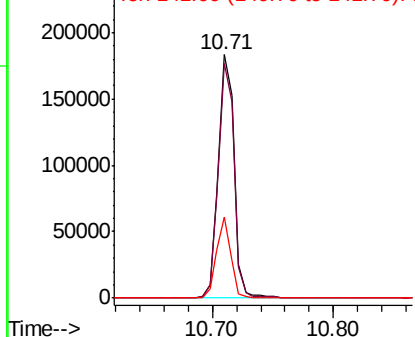


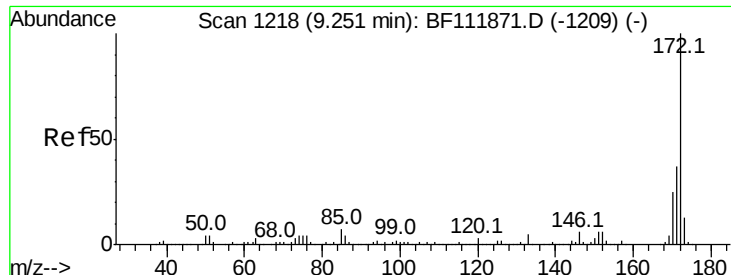
#42
2,4,6-Tribromophenol
Concen: 69.503 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111918.D
Acq: 8 Jan 2019 20:17

Tgt Ion:330 Resp: 163291
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 30.1 23.7 35.5



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

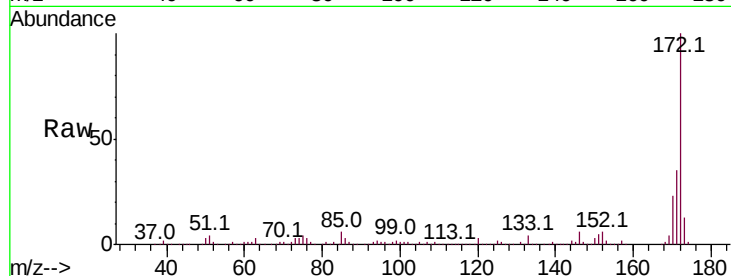




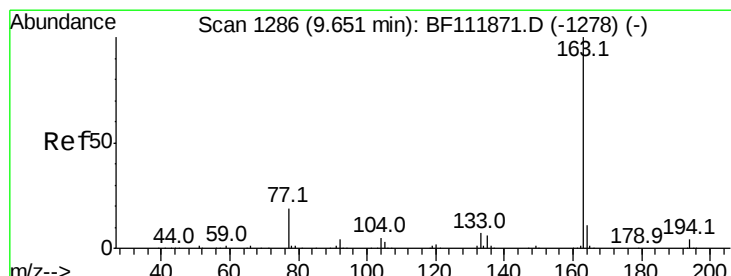
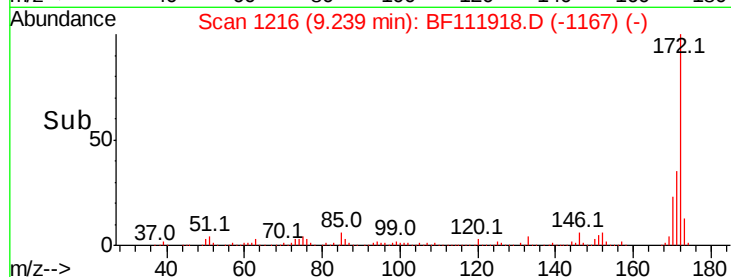
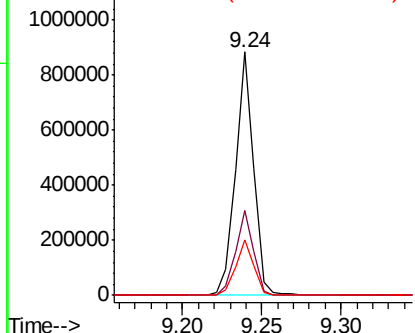
#45
2-Fluorobiphenyl
Concen: 56.561 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111918.D
Acq: 8 Jan 2019 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 700624
Ion Ratio Lower Upper
172 100
171 34.7 29.6 44.4
170 22.8 19.8 29.8

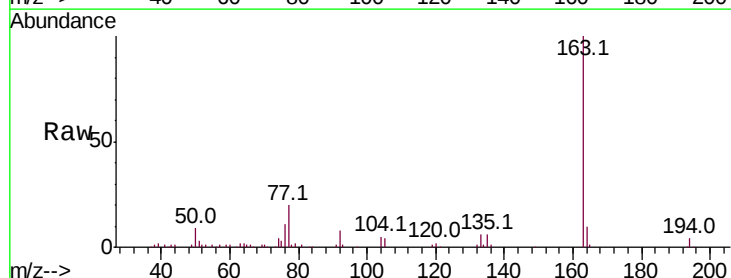


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

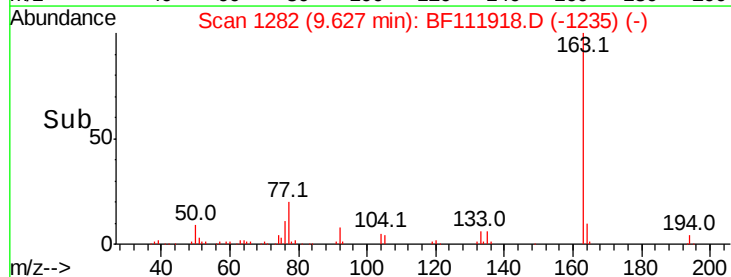
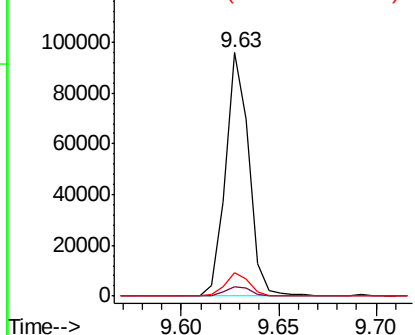


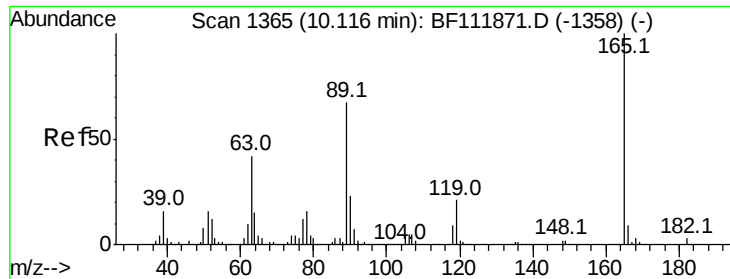
#50
Dimethylphthalate
Concen: 5.820 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111918.D
Acq: 8 Jan 2019 20:17

Tgt Ion:163 Resp: 78973
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.9 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

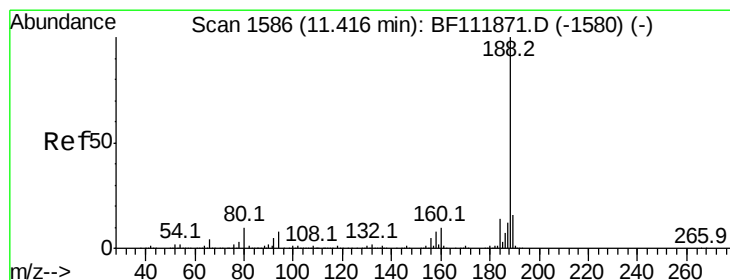
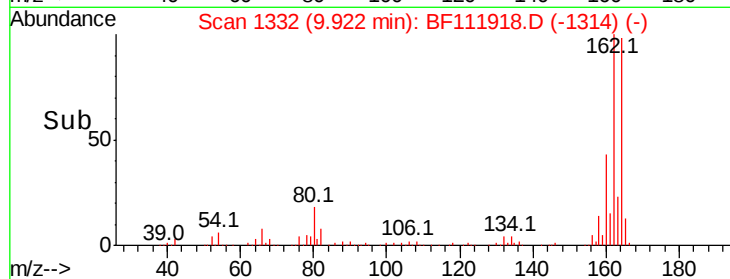
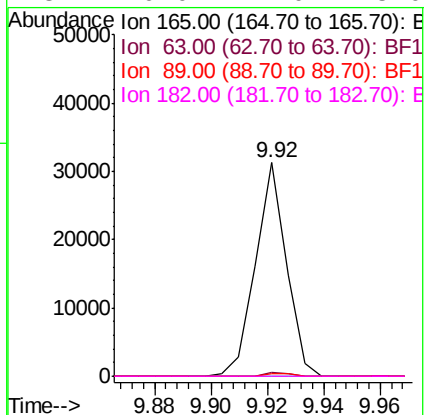
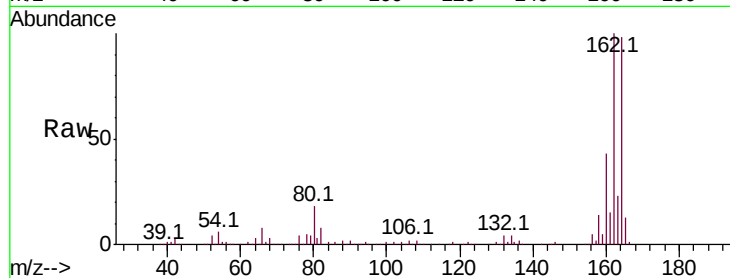




#57
 2,4-Dinitrotoluene
 Concen: 6.057 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111918.D
 Acq: 8 Jan 2019 20:17

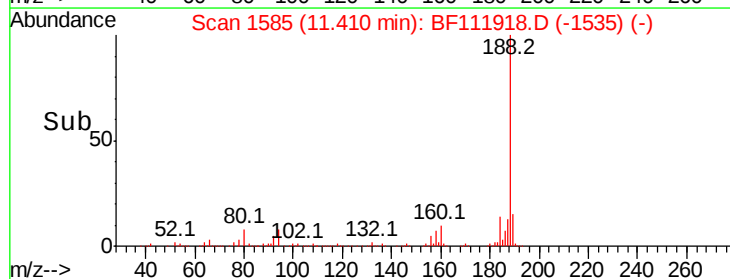
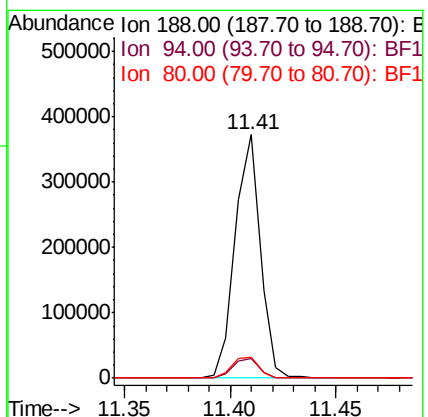
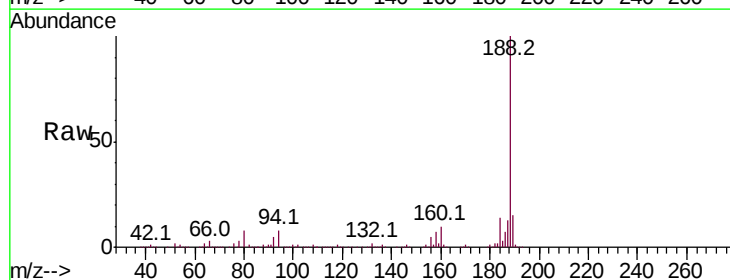
Instrument :
 BNA_F
 ClientSampleId :

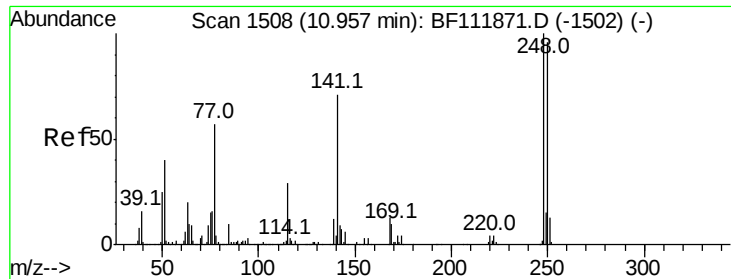
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.1	51.1#
89	1.0	53.5	80.3#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111918.D
 Acq: 8 Jan 2019 20:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	8.3	7.7	11.5

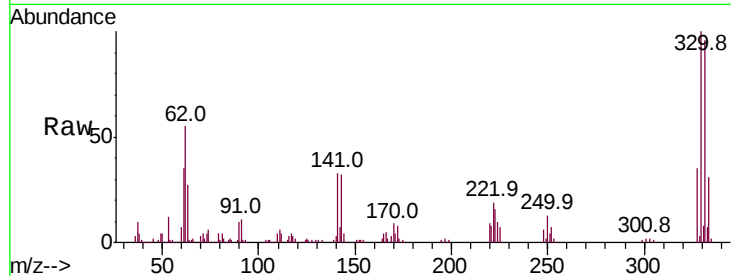




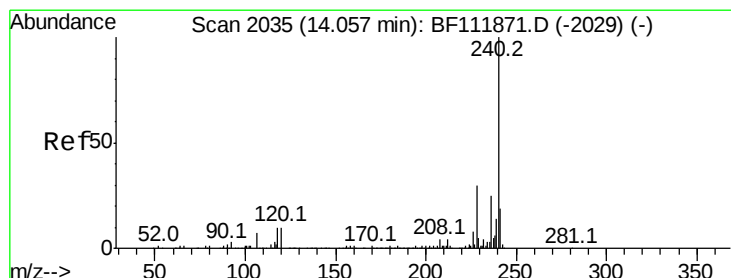
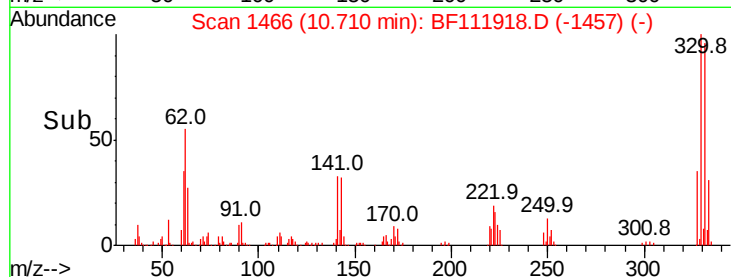
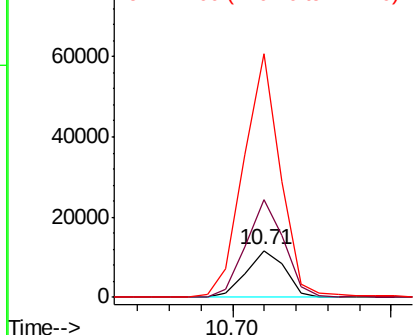
#67
 4-Bromophenyl-phenylether
 Concen: 2.504 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111918.D
 Acq: 8 Jan 2019 20:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 9944
 Ion Ratio Lower Upper
 248 100
 250 207.5 76.8 115.2#
 141 516.9 57.0 85.6#

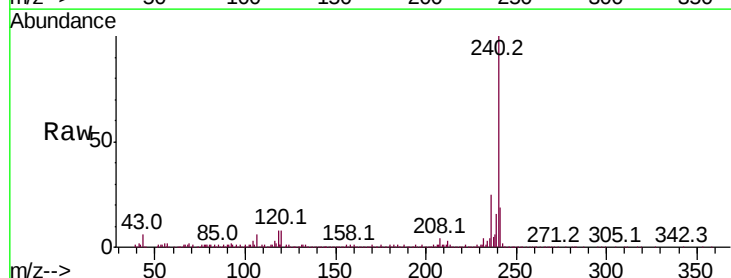


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

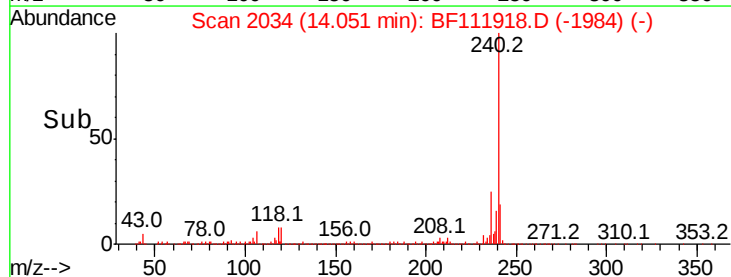
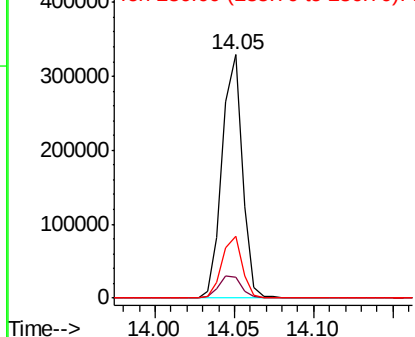


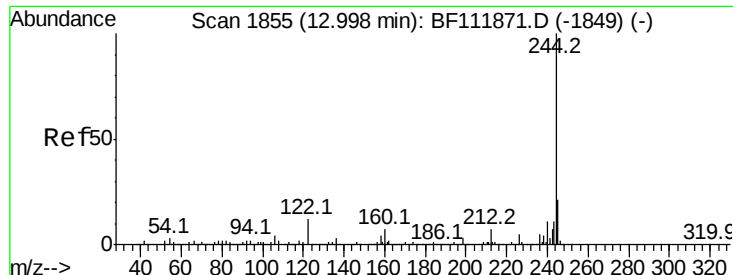
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111918.D
 Acq: 8 Jan 2019 20:17

Tgt Ion:240 Resp: 294420
 Ion Ratio Lower Upper
 240 100
 120 8.4 8.2 12.2
 236 25.2 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

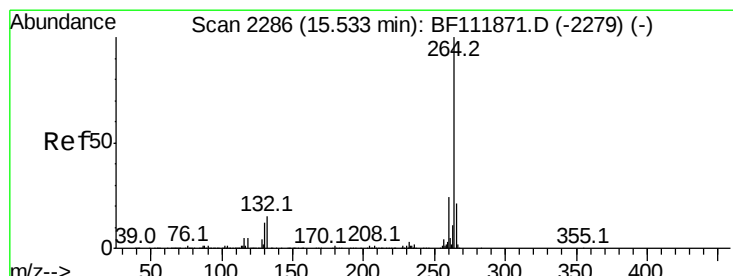
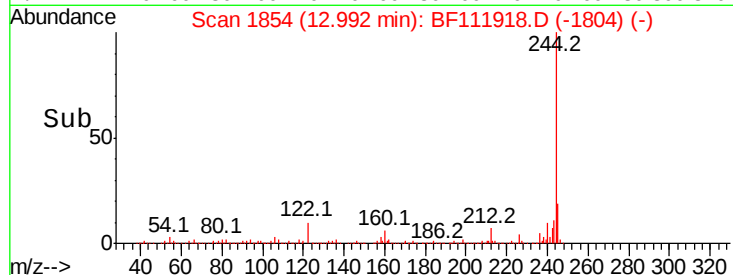
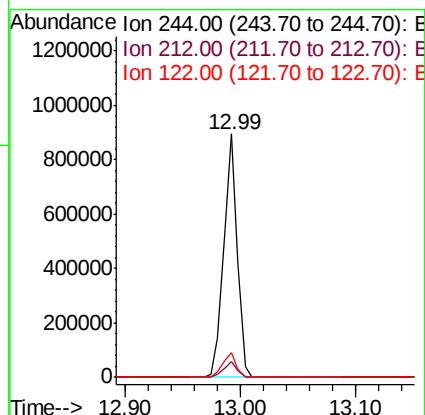
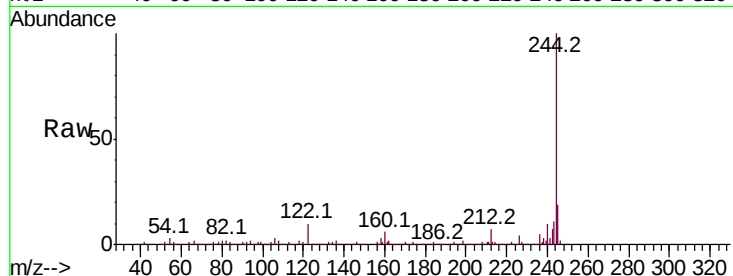




#79
 Terphenyl-d14
 Concen: 46.934 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111918.D
 Acq: 8 Jan 2019 20:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 727964
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 10.2 9.5 14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BF111918.D
 Acq: 8 Jan 2019 20:17

Tgt Ion:264 Resp: 193953
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.2 17.1 25.7

