

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111912.D
 Acq On : 8 Jan 2019 17:34
 Operator : JU/SJ
 Sample : K1074-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 00:58:04 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	144988	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	404020	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	201692	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	301656	20.00	ng	0.00
76) Chrysene-d12	14.05	240	362124	20.00	ng	0.00
87) Perylene-d12	15.54	264	212613	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1054520	124.43	ng	0.00
7) Phenol-d6	6.53	99	1277401	116.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	669669	88.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	230571	87.89	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	944470	68.28	ng	-0.01
79) Terphenyl-d14	12.99	244	1055291	55.32	ng	0.00

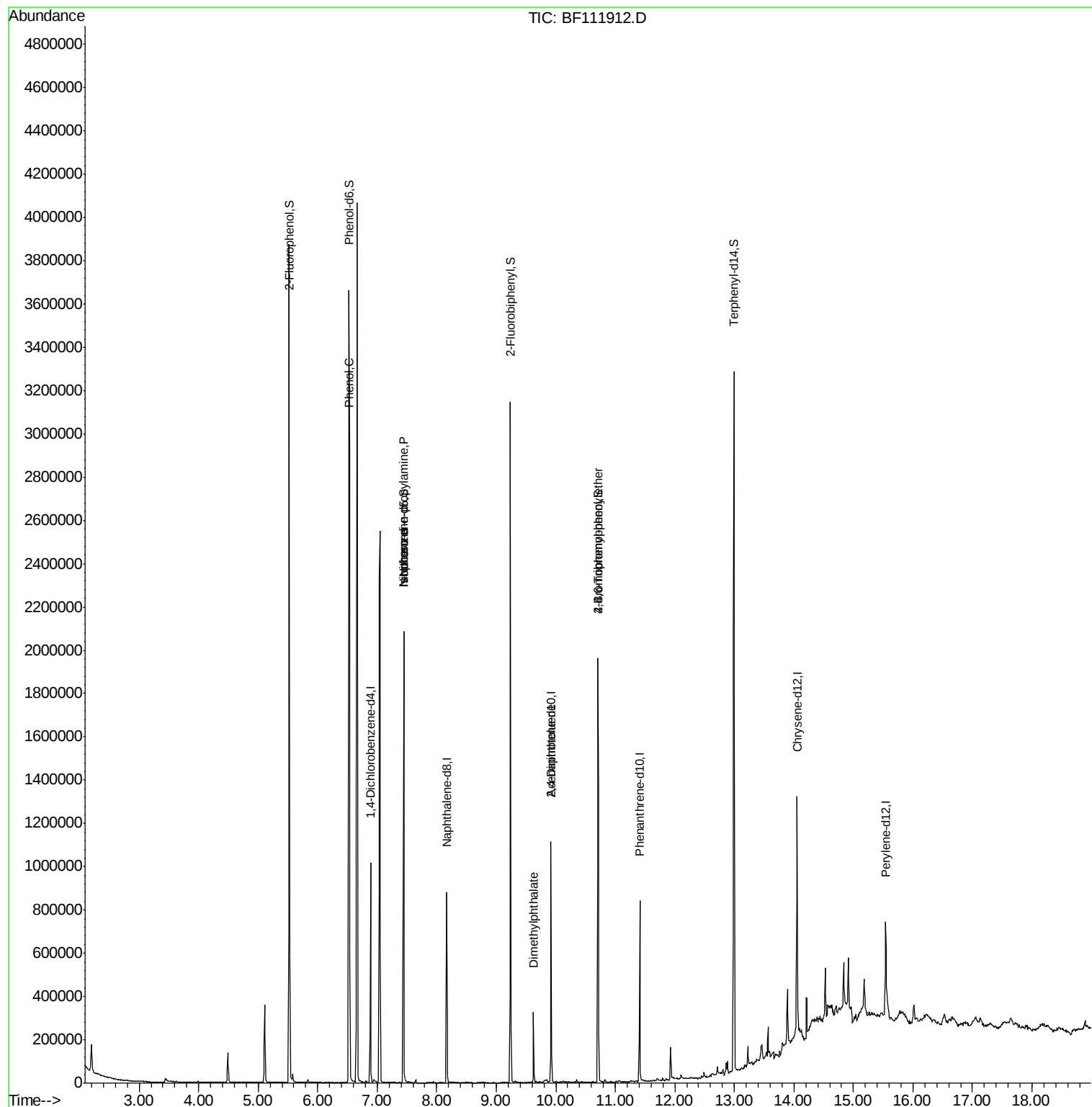
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2474	Below Cal		# 1
10) Phenol	6.54	94	56856	4.789	ng	# 78
19) n-Nitroso-di-n-propylamine	7.45	70	91453	12.886	ng	# 75
25) Isophorone	7.45	82	665850	54.394	ng	# 65
50) Dimethylphthalate	9.63	163	117681	7.767	ng	# 97
57) 2,4-Dinitrotoluene	9.92	165	26915	6.148	ng	# 26
67) 4-Bromophenyl-phenylether	10.71	248	13697	3.506	ng	# 1

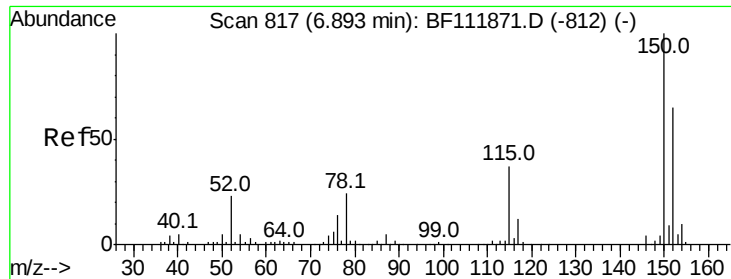
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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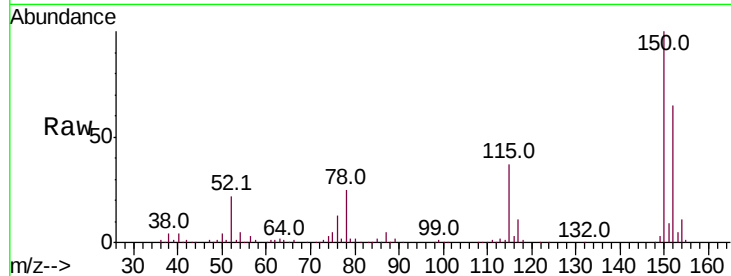


#1

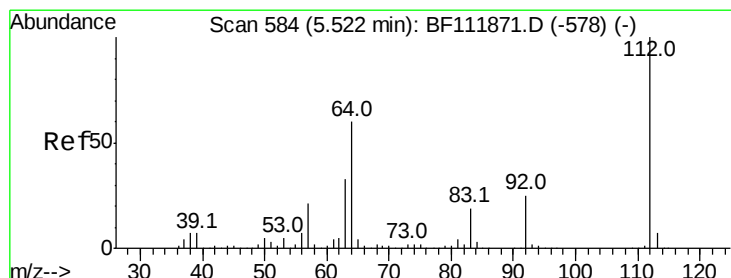
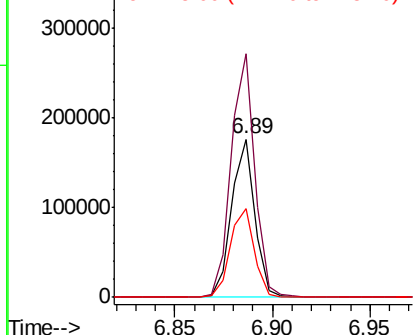
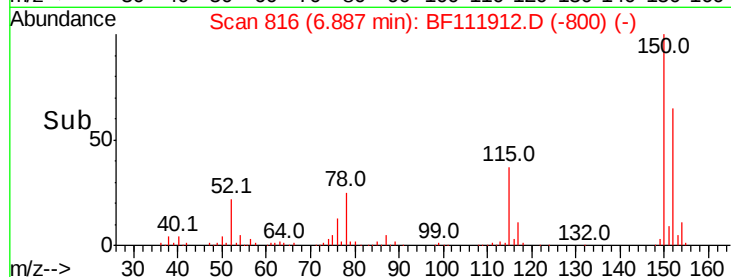
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144988
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 56.5 45.2 67.8



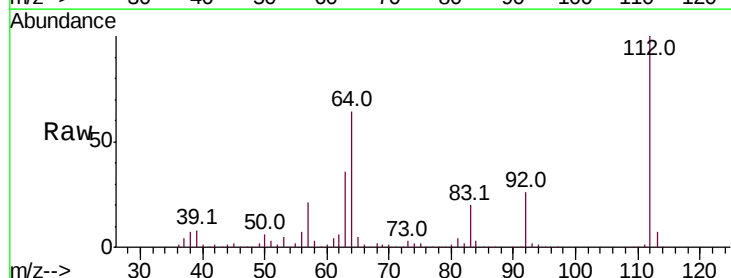
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



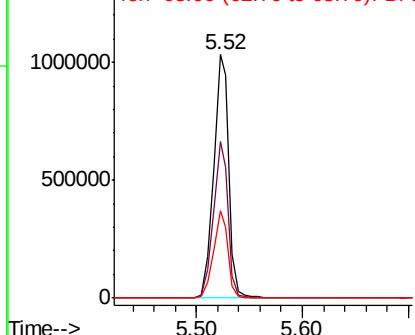
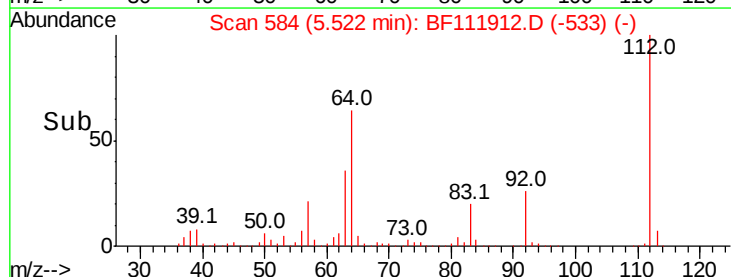
#5

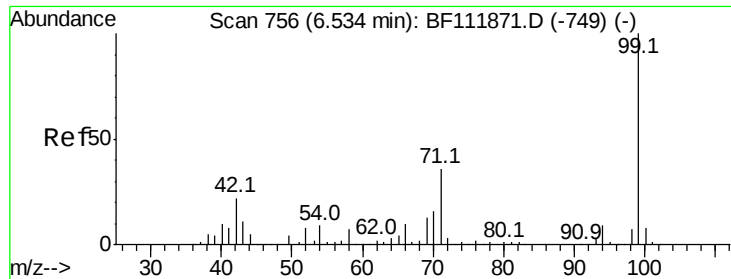
2-Fluorophenol
Concen: 124.430 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Tgt Ion:112 Resp: 1054520
Ion Ratio Lower Upper
112 100
64 64.4 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: 116.946 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111912.D

Acq: 8 Jan 2019 17:34

Instrument :

BNA_F

ClientSampleId :

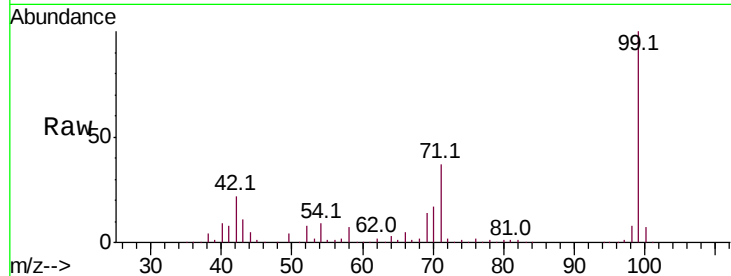
Tot Ion: 99 Resp: 1277401

Ion Ratio Lower Upper

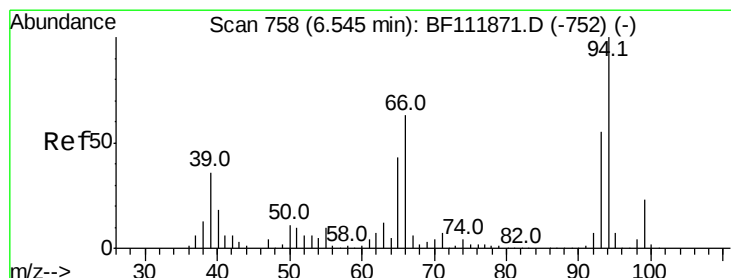
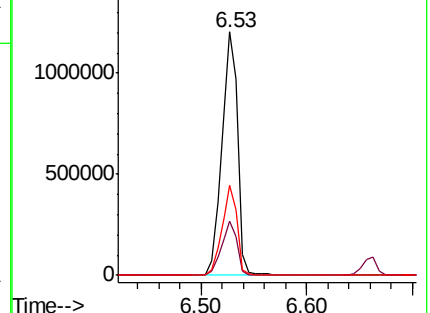
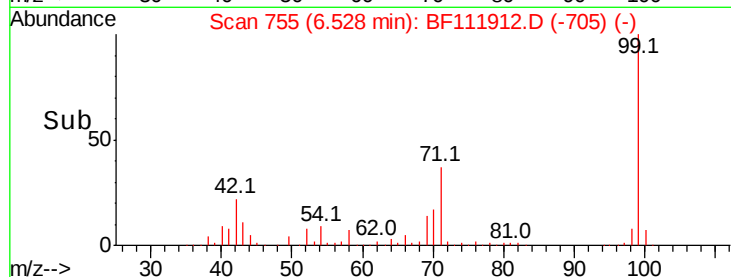
99 100

42 22.5 17.9 26.9

71 37.1 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: 4.789 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111912.D

Acq: 8 Jan 2019 17:34

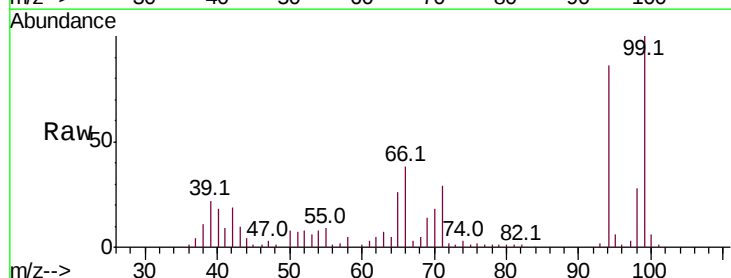
Tgt Ion: 94 Resp: 56856

Ion Ratio Lower Upper

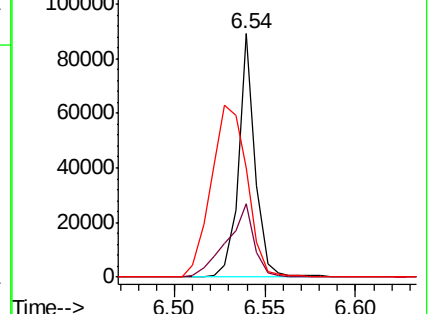
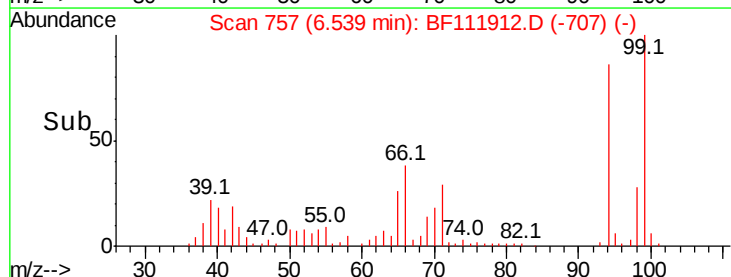
94 100

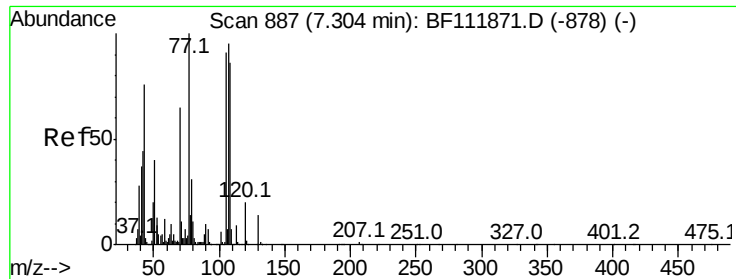
65 29.9 22.8 62.8

66 44.6 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

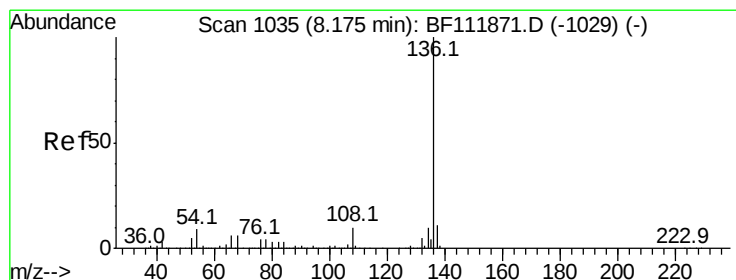
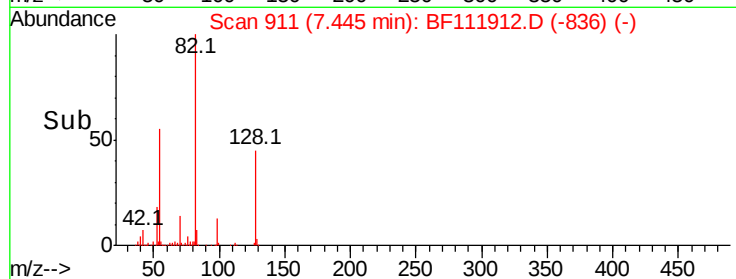
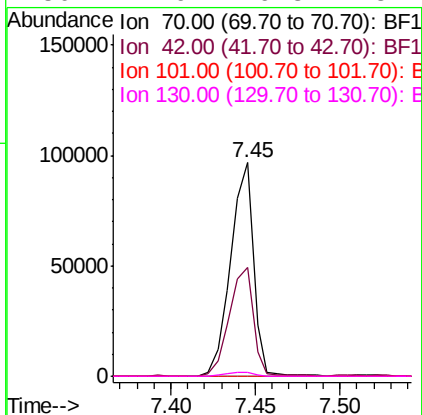
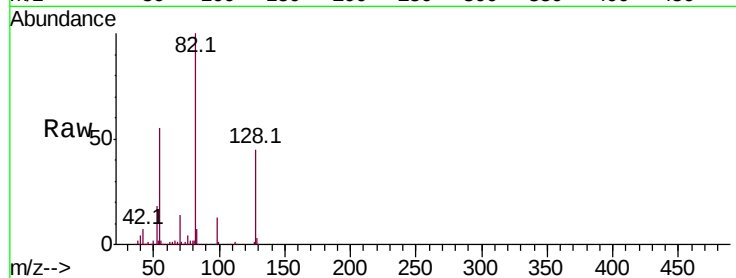




#19
n-Nitroso-di-n-propylamine
Concen: 12.886 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

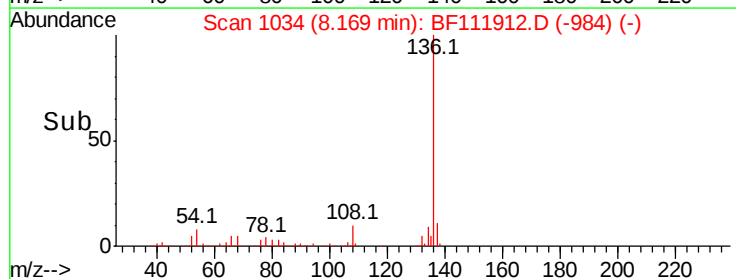
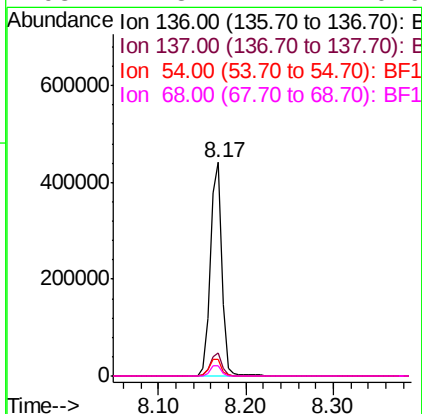
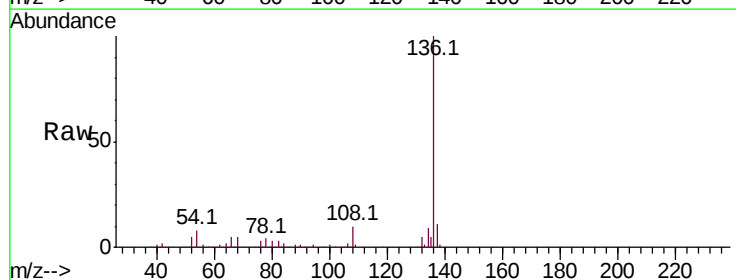
Instrument :
BNA_F
ClientSampleId :

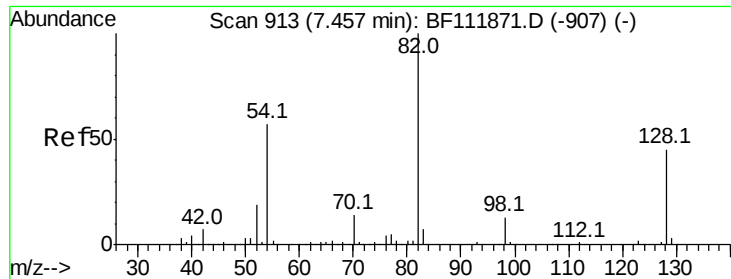
Tot Ion: 70 Resp: 91453
Ion Ratio Lower Upper
70 100
42 51.0 53.6 80.4#
101 0.0 7.3 10.9#
130 1.9 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Tgt Ion: 136 Resp: 404020
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.0 7.2 10.8
68 4.8 4.4 6.6

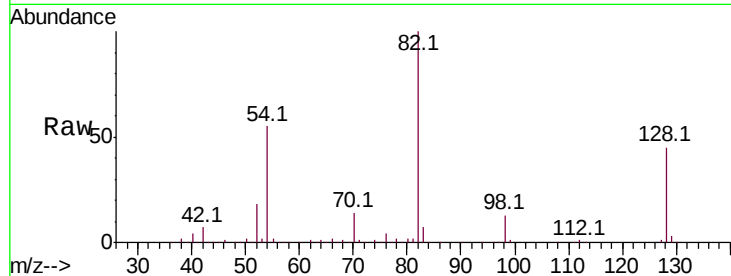




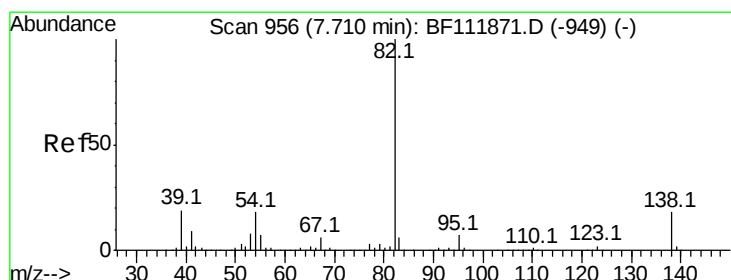
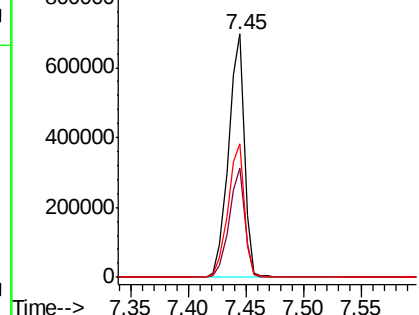
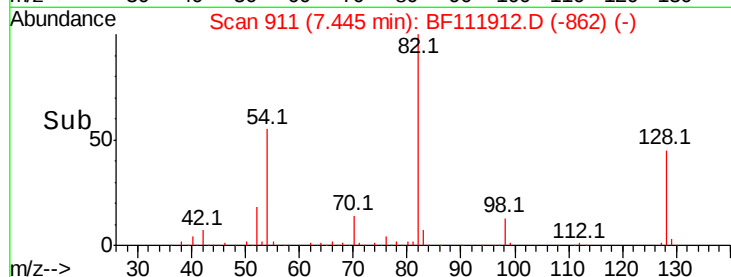
#23
Nitrobenzene-d5
Concen: 88.586 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 669669
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 54.9 45.8 68.8

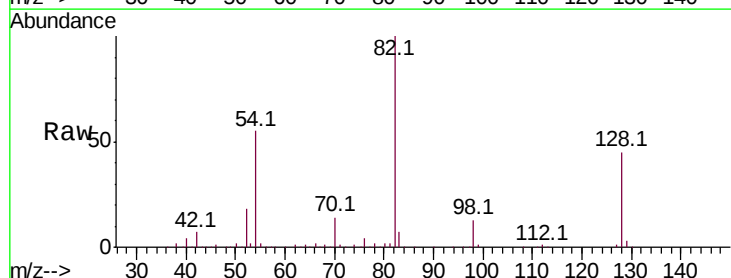


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

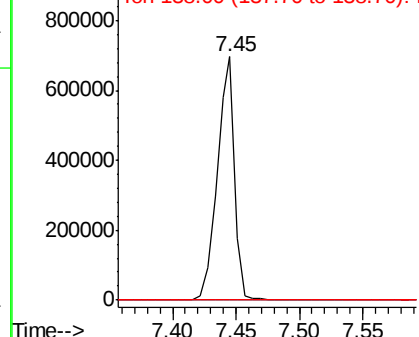
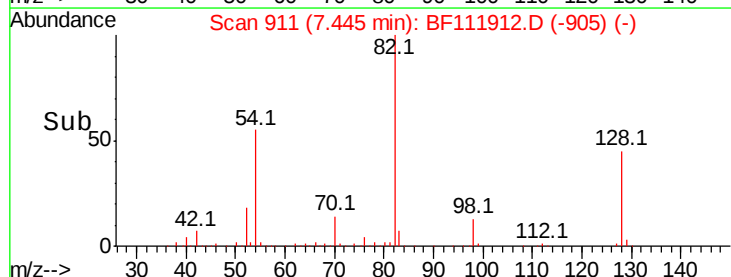


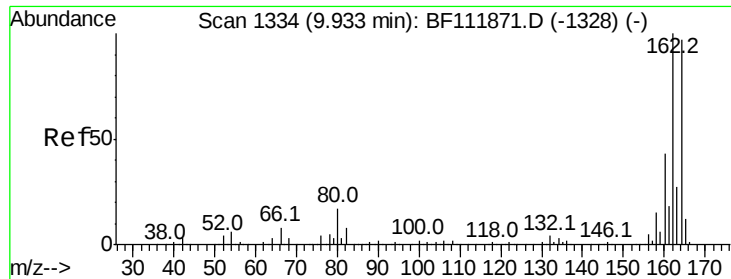
#25
Isophorone
Concen: 54.394 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Tgt Ion: 82 Resp: 665850
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

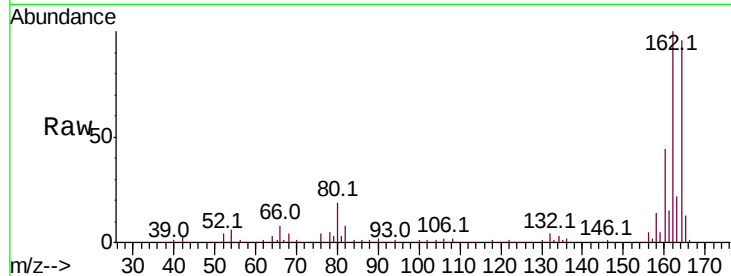




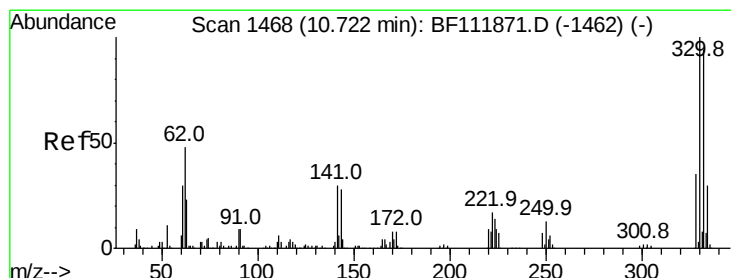
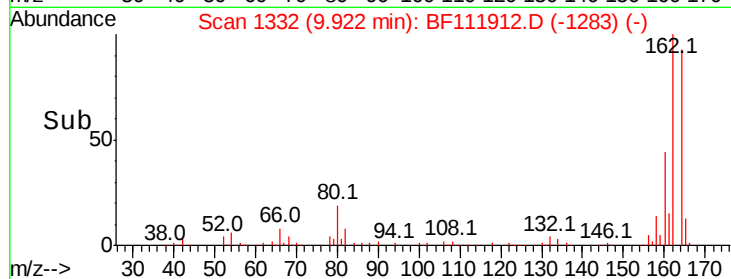
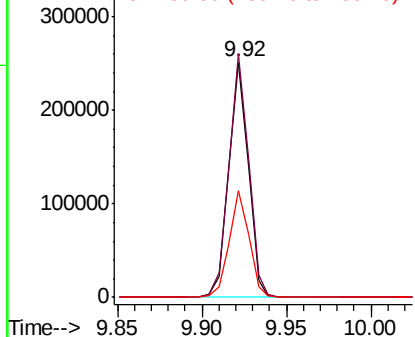
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 201692
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.2
160 45.5 35.5 53.3

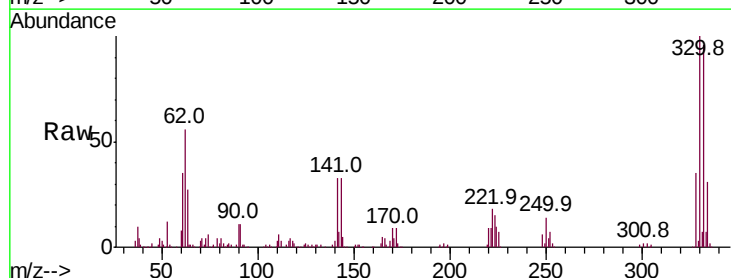


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

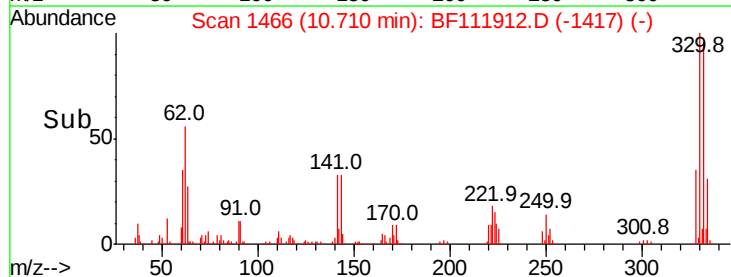
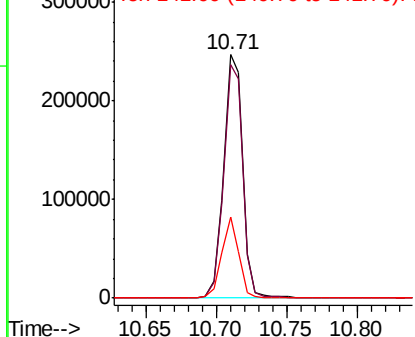


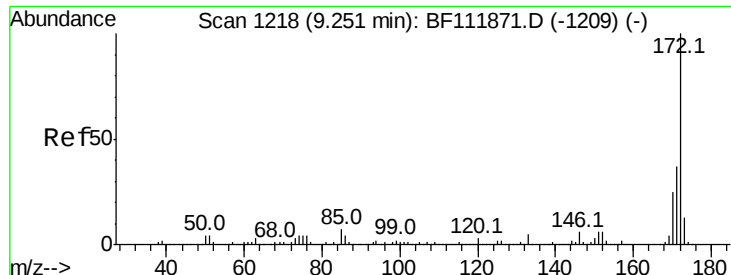
#42
2,4,6-Tribromophenol
Concen: 87.890 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Tgt Ion:330 Resp: 230571
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 29.9 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

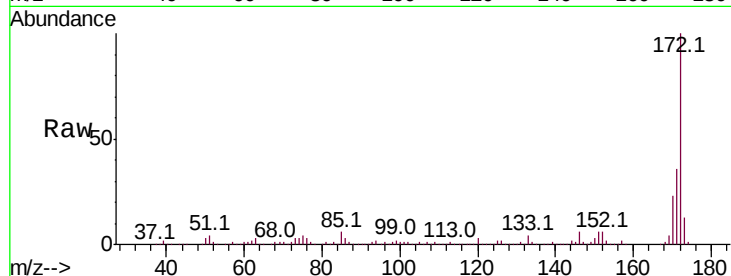




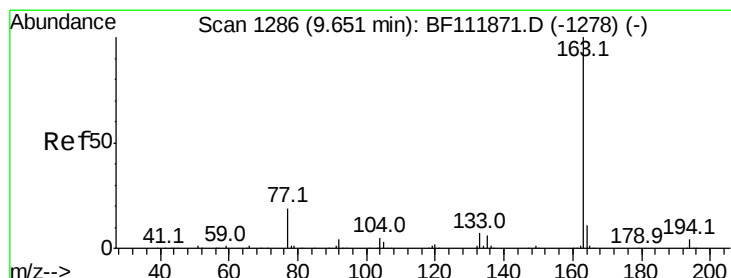
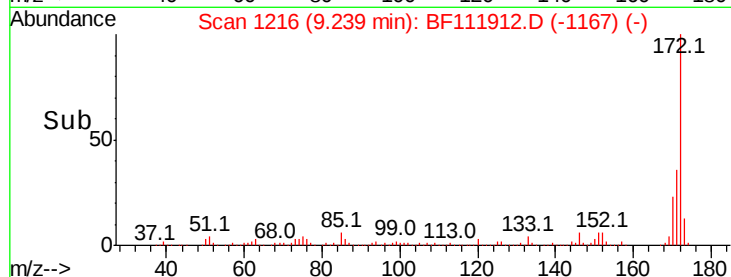
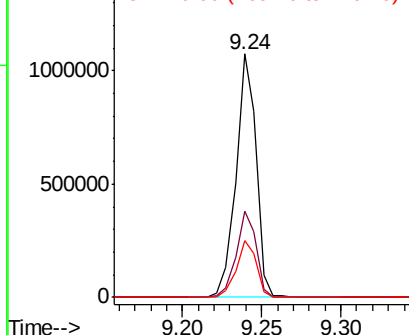
#45
2-Fluorobiphenyl
Concen: 68.284 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 944470
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.2 19.8 29.8

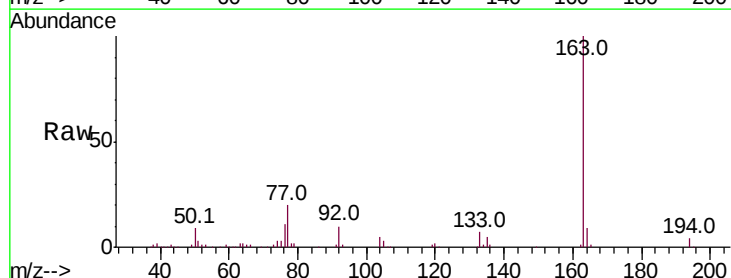


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

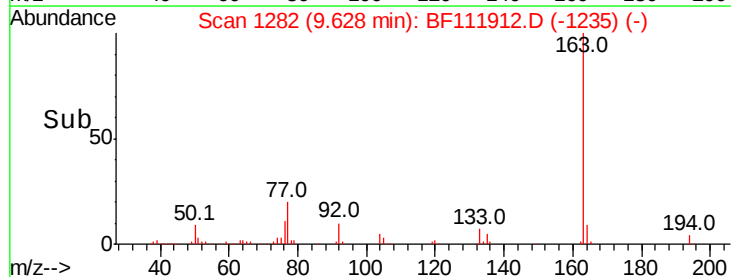
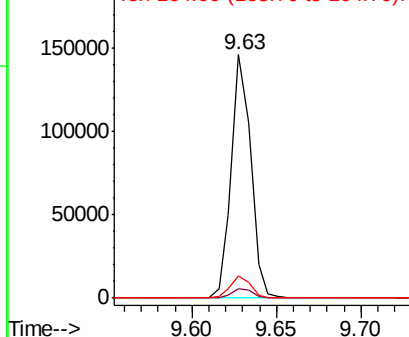


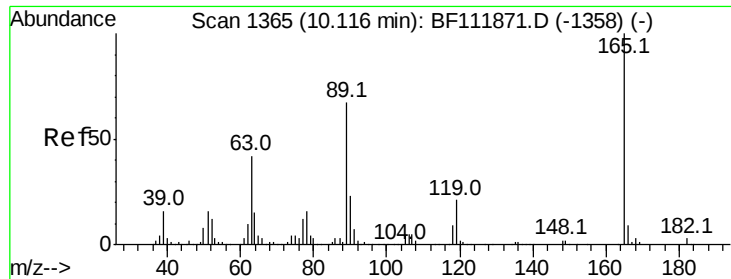
#50
Dimethylphthalate
Concen: 7.767 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Tgt Ion:163 Resp: 117681
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

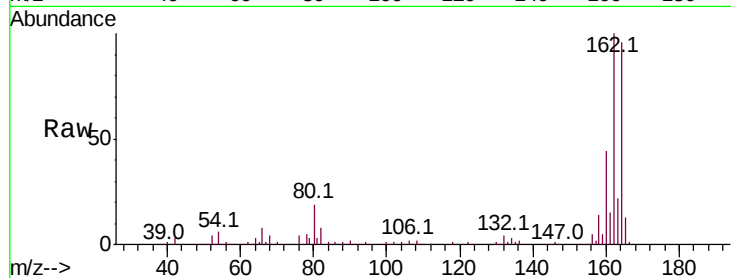




#57
2,4-Dinitrotoluene
Concen: 6.148 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.1	51.1#
89	1.4	53.5	80.3#
182	0.0	2.0	3.0#



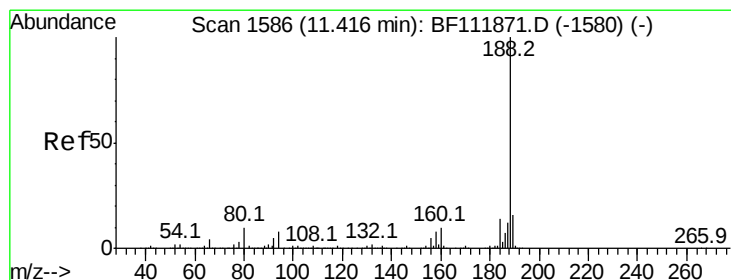
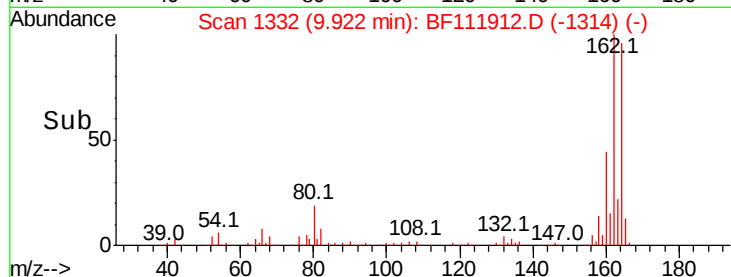
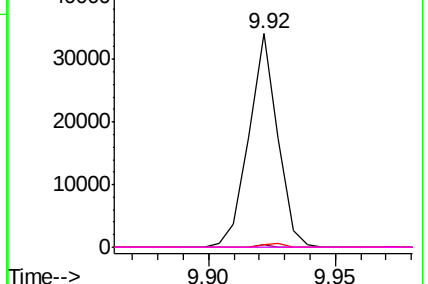
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

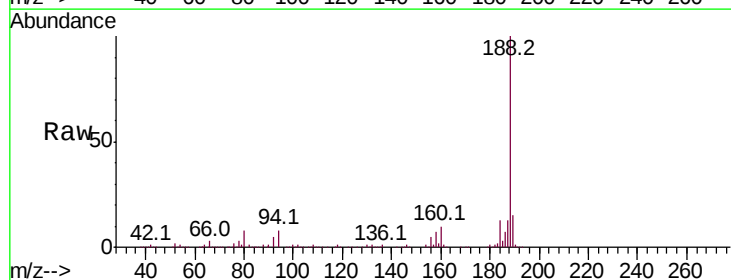
Ion 89.00 (88.70 to 89.70): BF1

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: BF111912.D
Acq: 8 Jan 2019 17:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.6	10.0
80	8.2	7.7	11.5

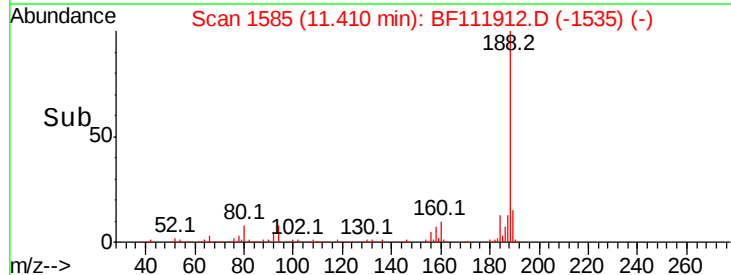
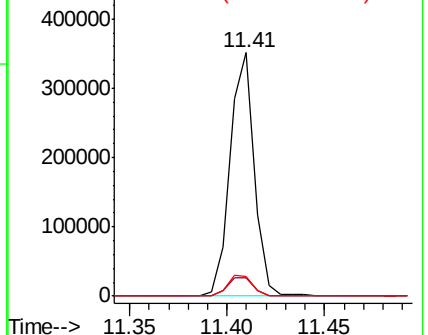


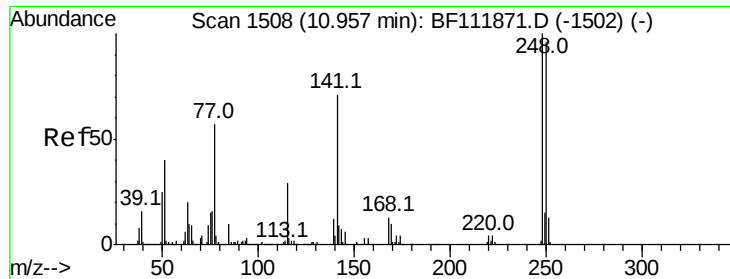
Abundance

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

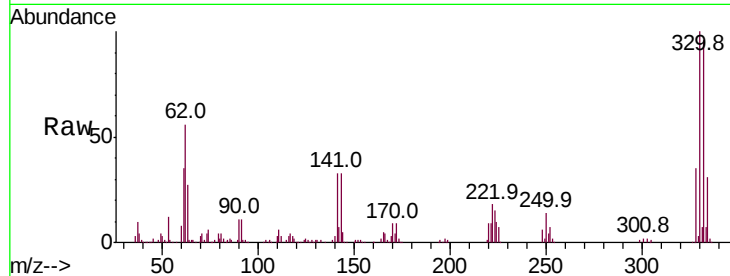




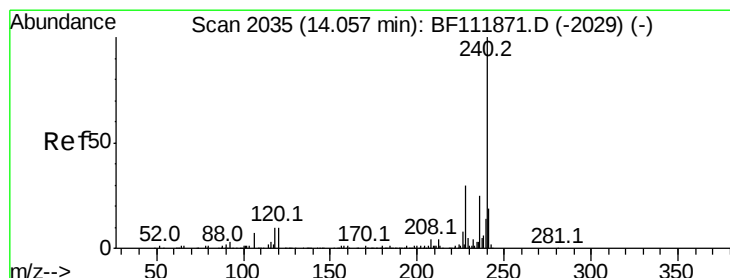
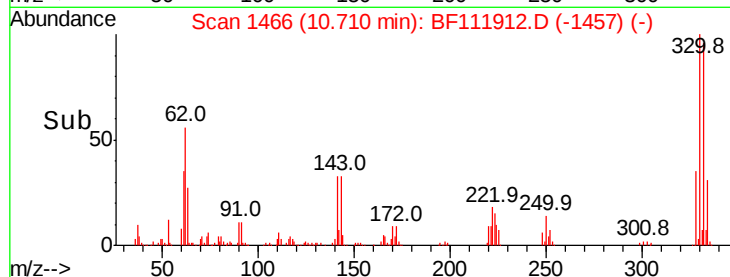
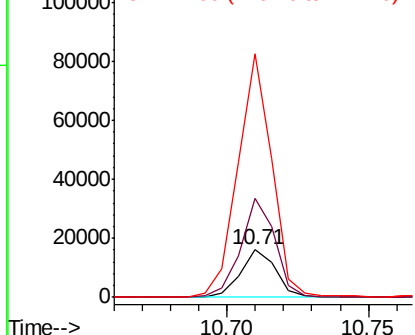
#67
4-Bromophenyl-phenylether
Concen: 3.506 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13697
Ion Ratio Lower Upper
248 100
250 209.3 76.8 115.2#
141 515.7 57.0 85.6#

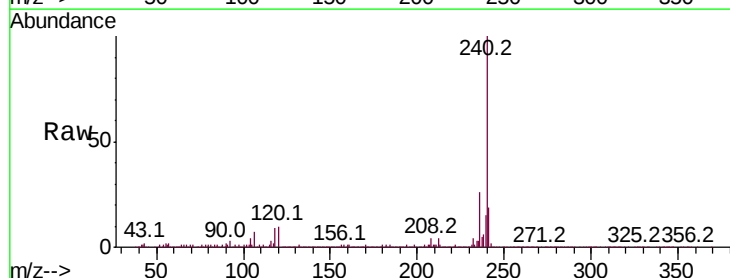


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

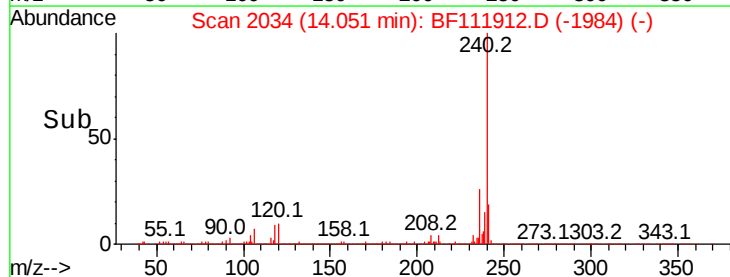
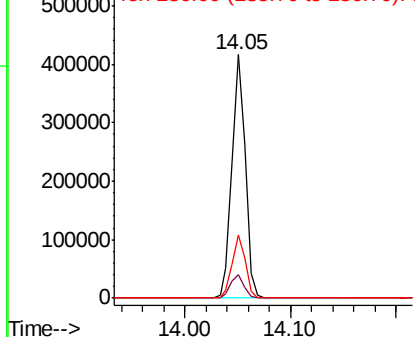


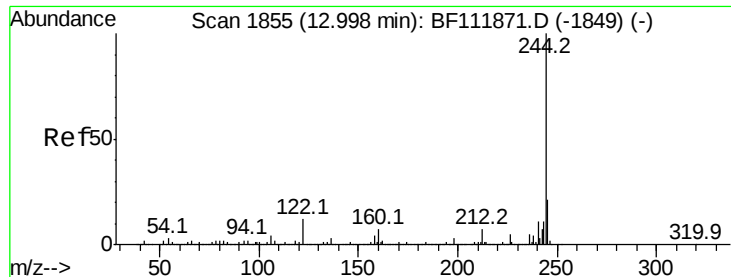
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111912.D
Acq: 8 Jan 2019 17:34

Tgt Ion:240 Resp: 362124
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 25.9 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

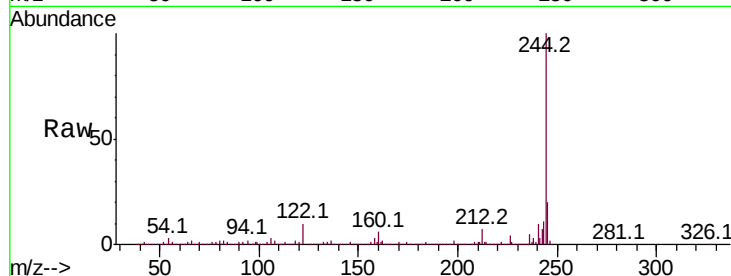




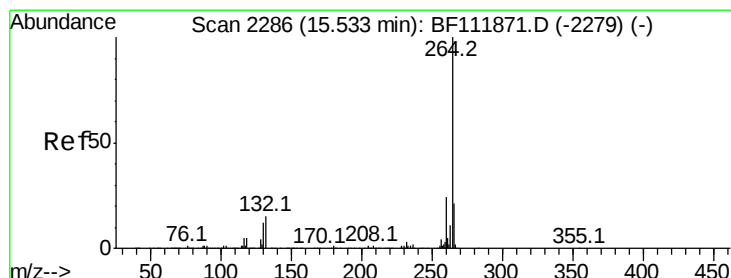
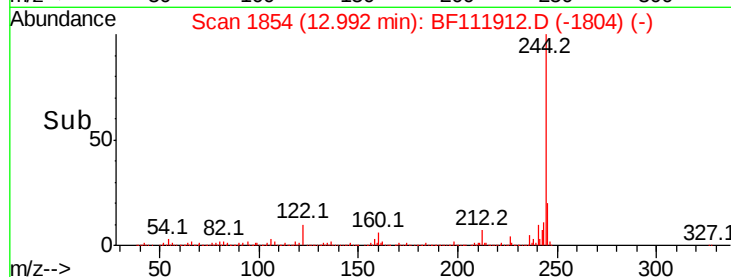
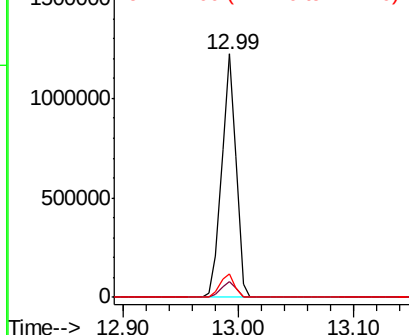
#79
 Terphenyl-d14
 Concen: 55.317 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111912.D
 Acq: 8 Jan 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1055291
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 9.8 9.5 14.3

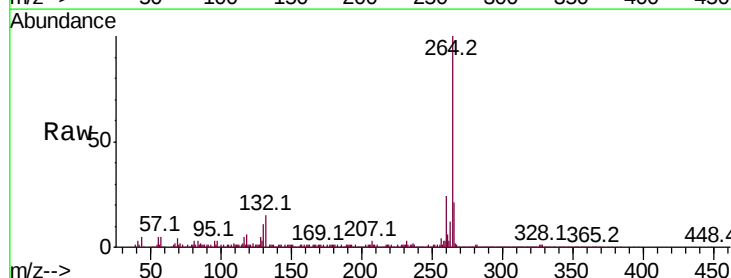


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF111912.D
 Acq: 8 Jan 2019 17:34

Tgt Ion:264 Resp: 212613
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 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

