

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112052.D
 Acq On : 14 Jan 2019 15:58
 Operator : JU/SJ
 Sample : K1129-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Jan 14 21:04:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

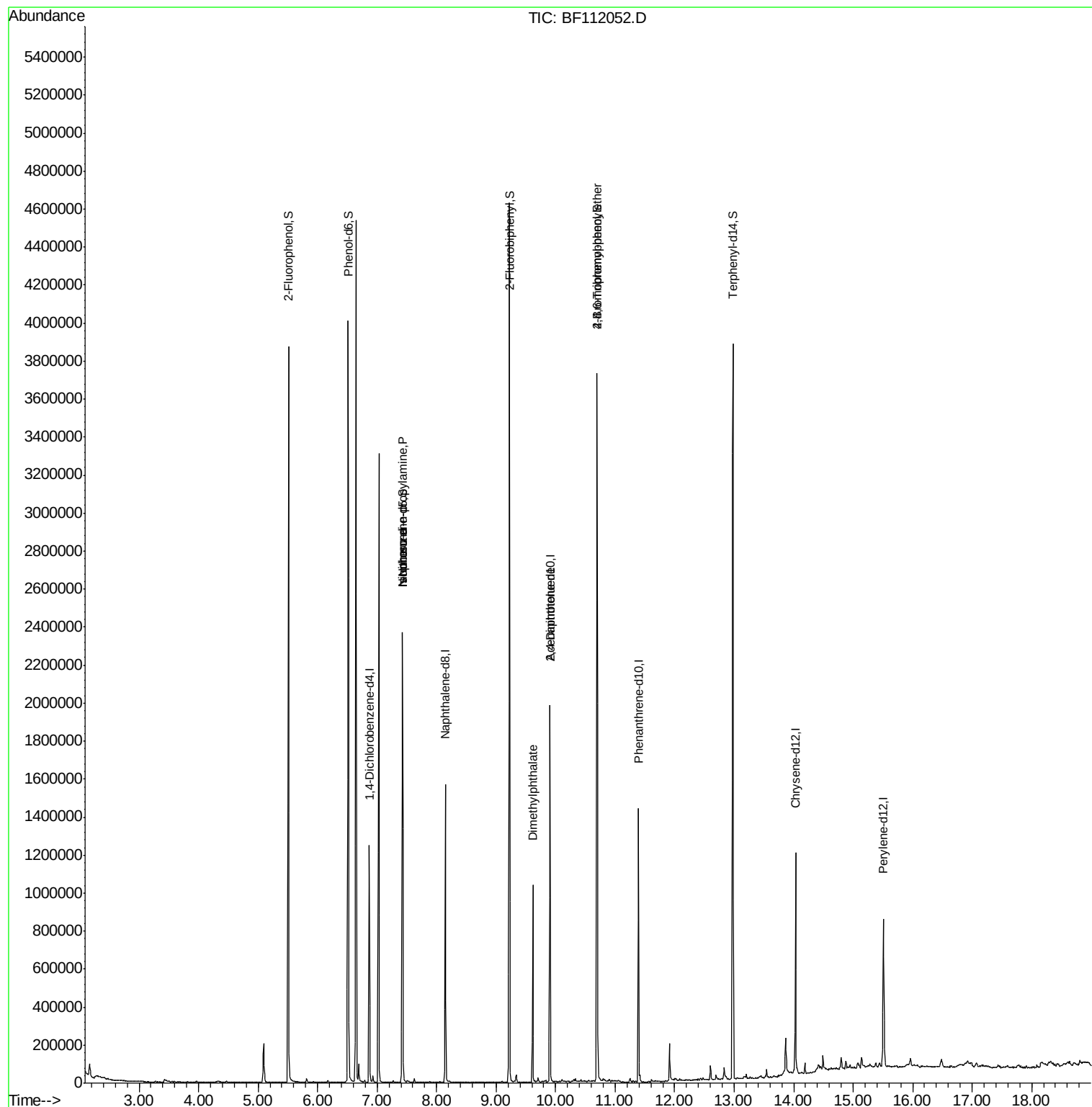
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179112	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	686197	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	389512	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	490034	20.00	ng	0.00
76) Chrysene-d12	14.03	240	360867	20.00	ng	-0.01
87) Perylene-d12	15.51	264	348930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1014886	96.94	ng	0.00
7) Phenol-d6	6.52	99	1445952	107.16	ng	0.00
23) Nitrobenzene-d5	7.43	82	777744	60.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	481641	95.07	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1545363	57.85	ng	0.00
79) Terphenyl-d14	12.98	244	1339783	70.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	2251	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	105178	11.996	ng	# 77
25) Isophorone	7.43	82	775005	37.276	ng	# 65
50) Dimethylphthalate	9.62	163	379848	12.982	ng	# 99
57) 2,4-Dinitrotoluene	9.90	165	50109	5.927	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	29139	4.591	ng	# 1

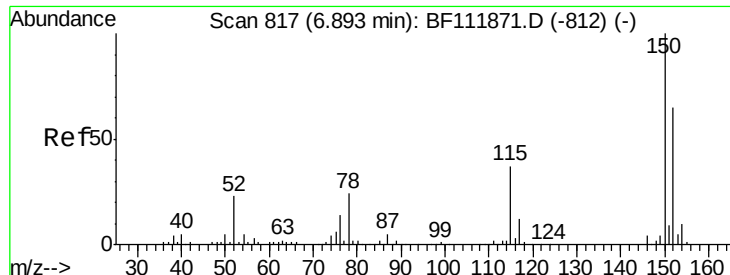
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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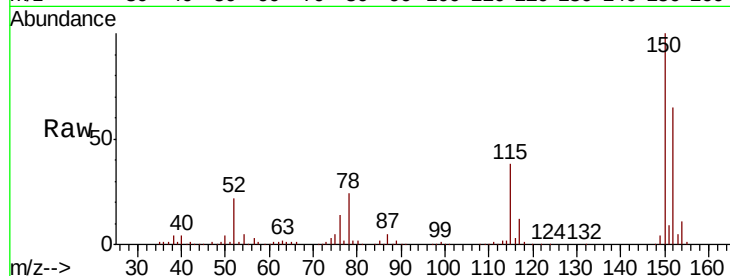


#1

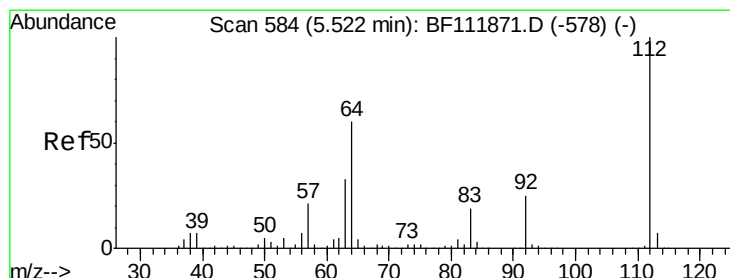
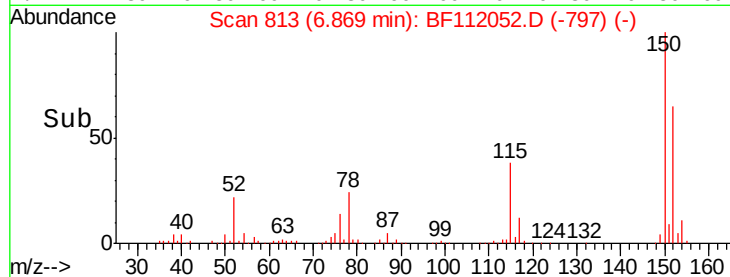
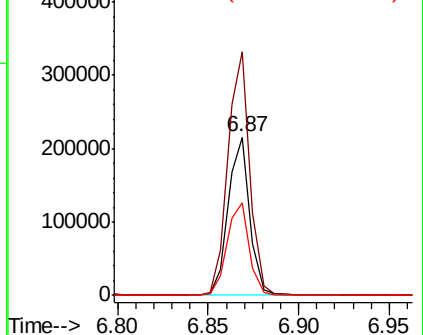
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampled :
 P-1

Tgt Ion:152 Resp: 179112
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.7 184.1
 115 58.2 45.2 67.8



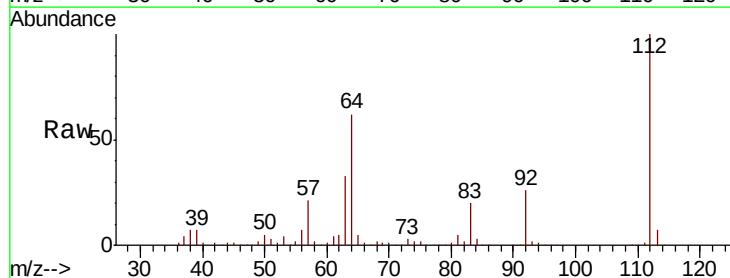
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



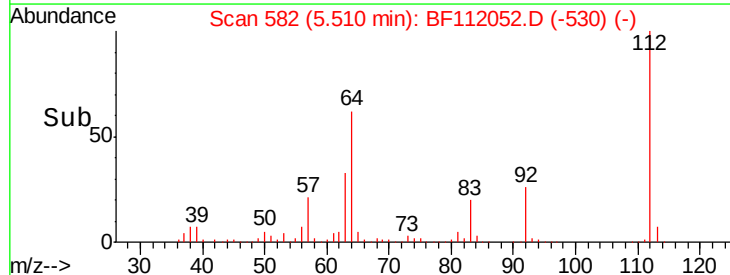
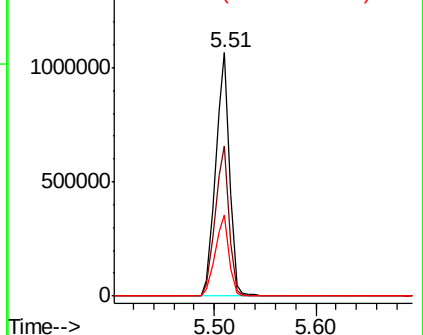
#5

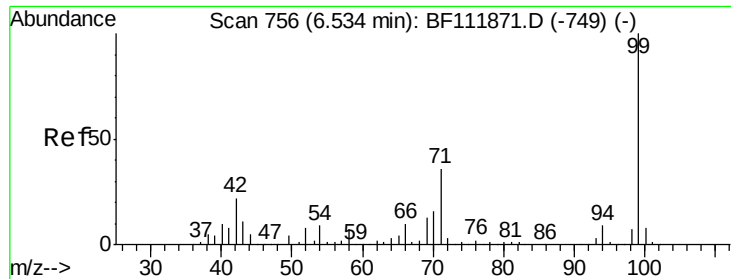
2-Fluorophenol
 Concen: 96.938 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

Tgt Ion:112 Resp: 1014886
 Ion Ratio Lower Upper
 112 100
 64 61.8 48.3 72.5
 63 33.4 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: 107.157 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

P-1

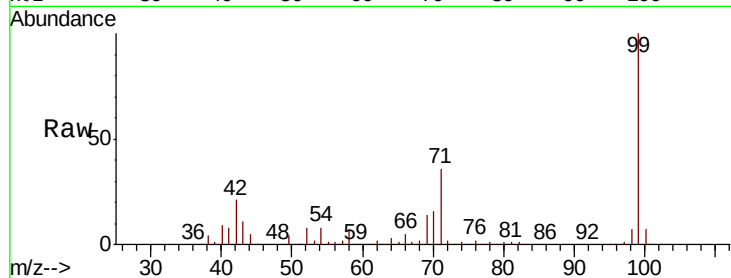
Tgt Ion: 99 Resp: 1445952

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

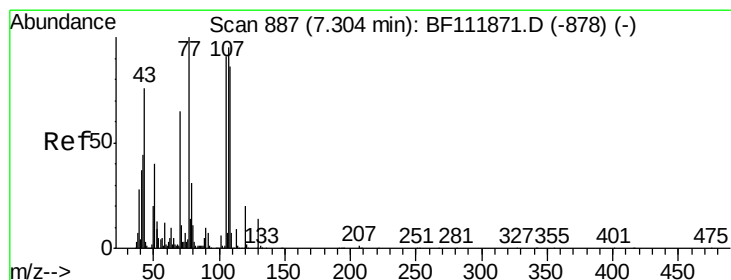
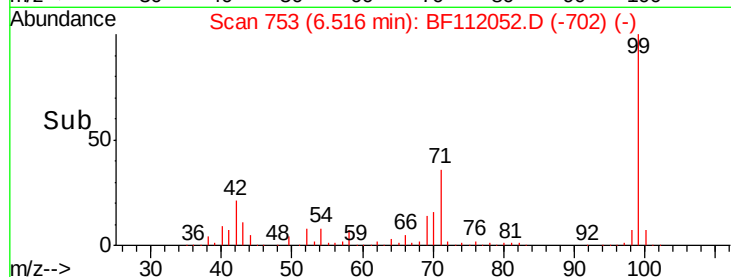
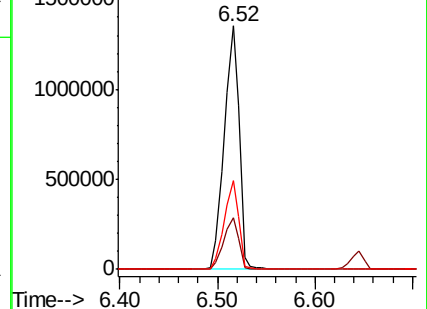
71 36.4 28.7 43.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.996 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

Tgt Ion: 70 Resp: 105178

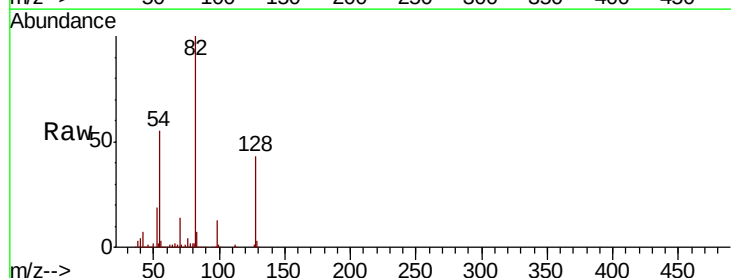
Ion Ratio Lower Upper

70 100

42 53.4 53.6 80.4#

101 0.0 7.3 10.9#

130 2.4 16.8 25.2#

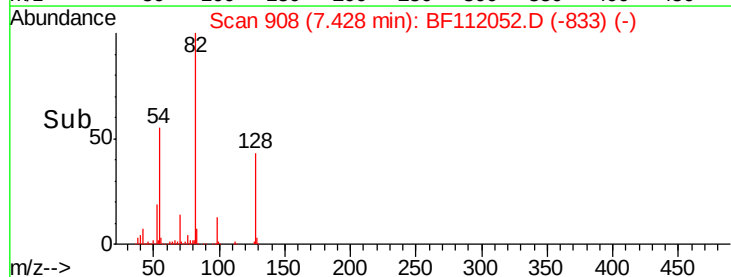
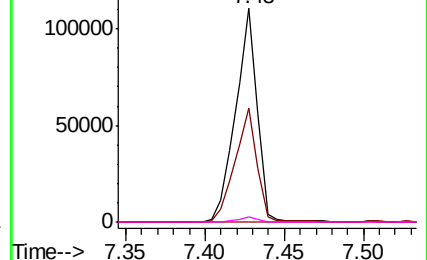


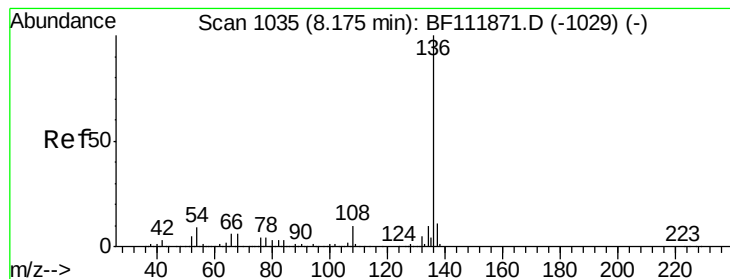
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

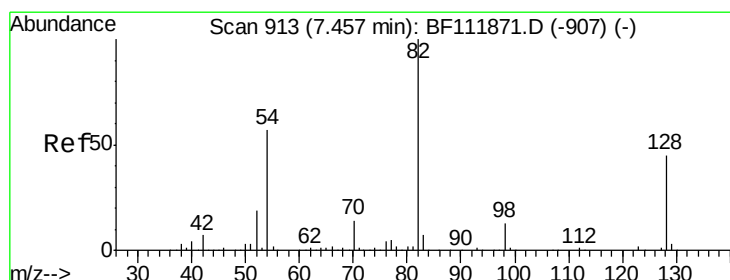
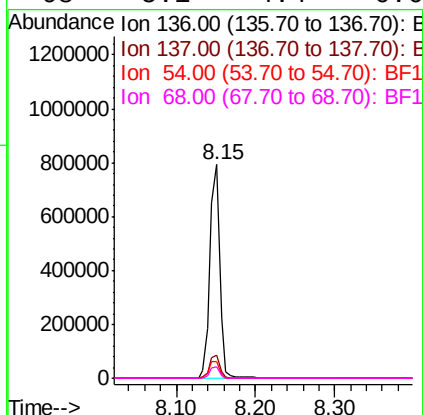
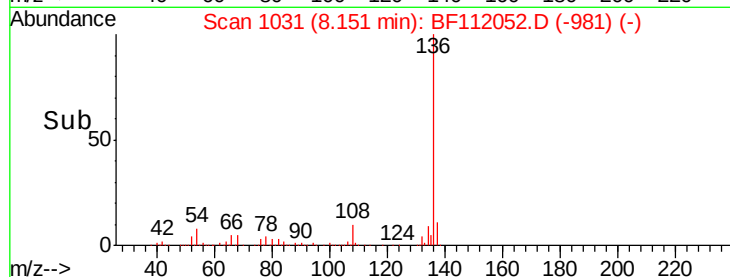
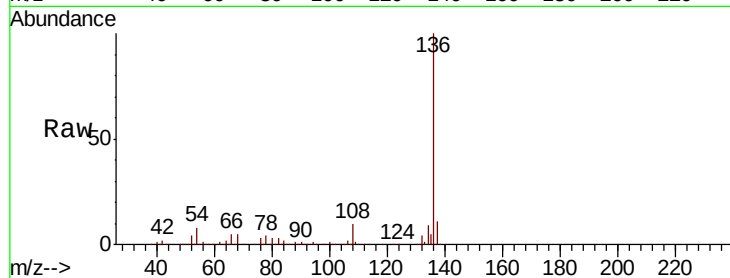




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

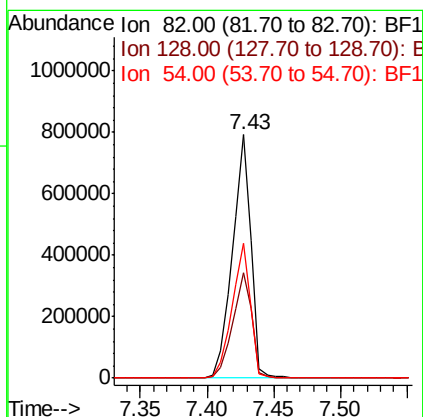
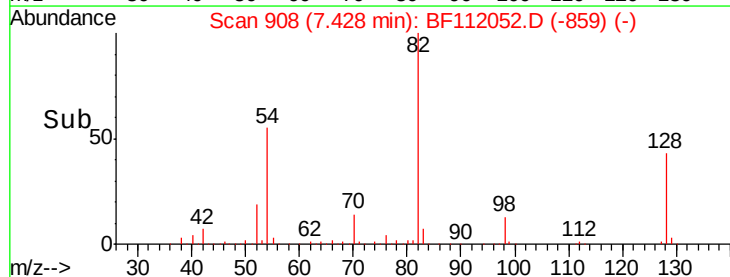
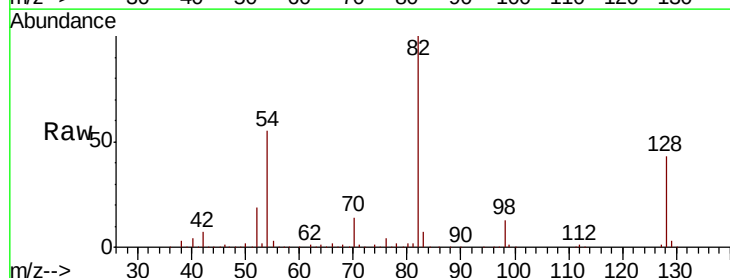
Instrument :
BNA_F
ClientSampleId :
P-1

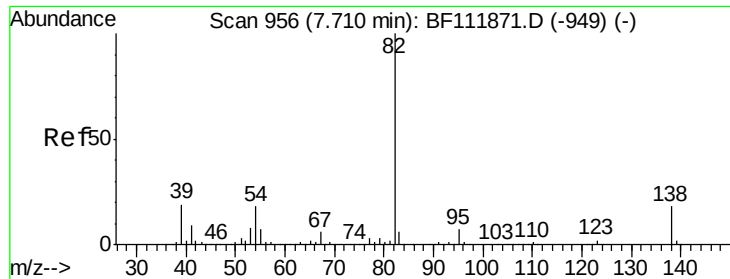
Tgt Ion:	136	Resp:	686197
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.8	7.2	10.8
68	5.1	4.4	6.6



#23
Nitrobenzene-d5
Concen: 60.576 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

Tgt Ion:	82	Resp:	777744
Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	55.4	45.8	68.8





#25

Isophorone

Concen: 37.276 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

Instrument :

BNA_F

ClientSampleId :

P-1

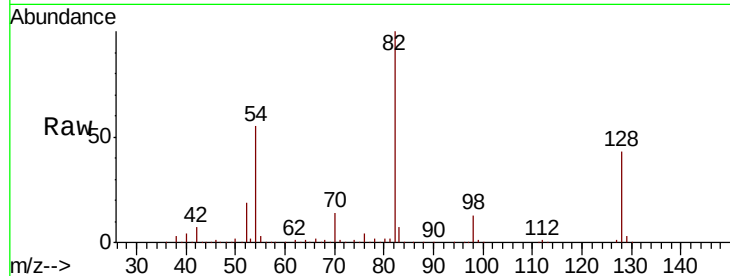
Tgt Ion: 82 Resp: 775005

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

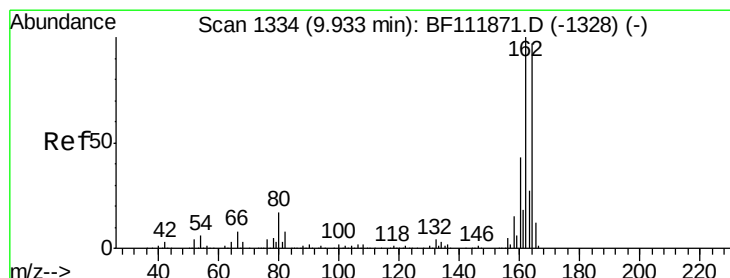
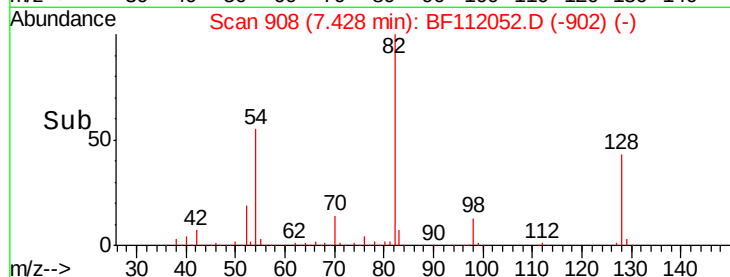
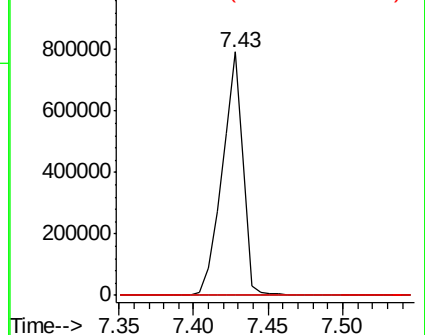
138 0.0 14.4 21.6#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF112052.D

Acq: 14 Jan 2019 15:58

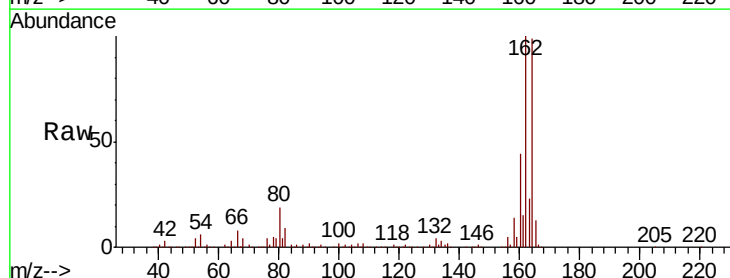
Tgt Ion: 164 Resp: 389512

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

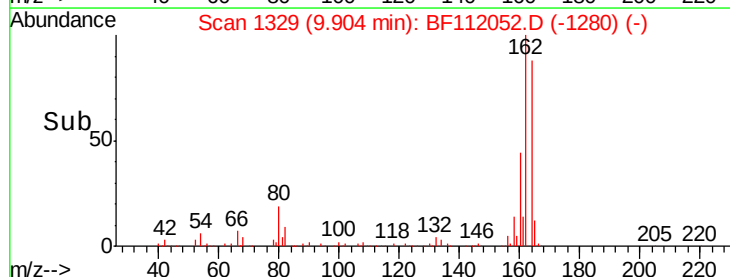
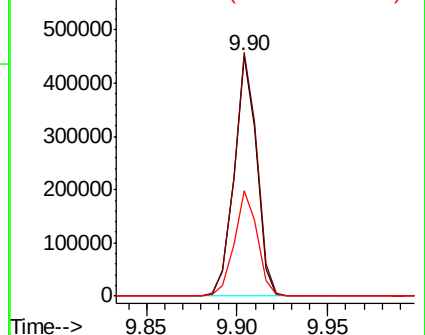
160 44.1 35.5 53.3

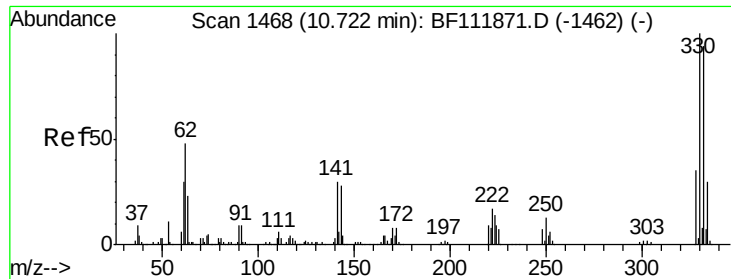


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

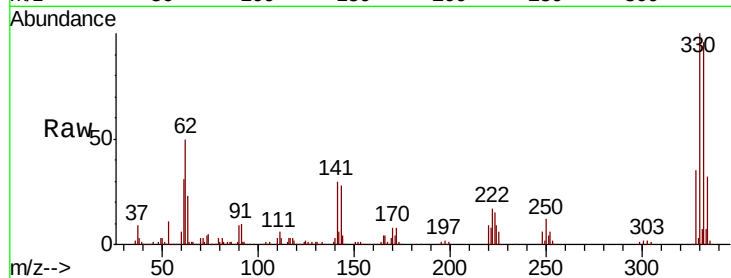




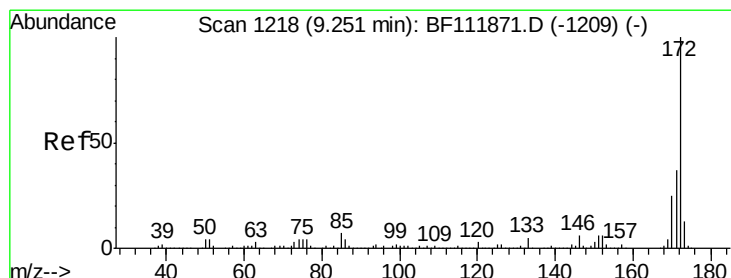
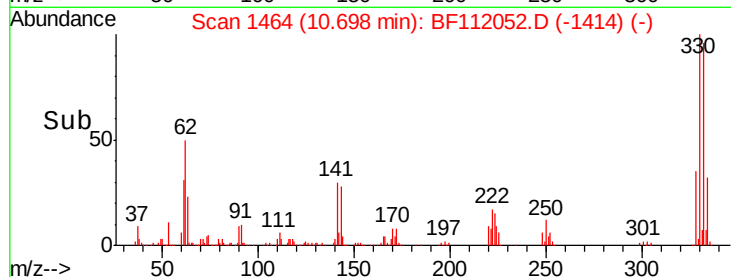
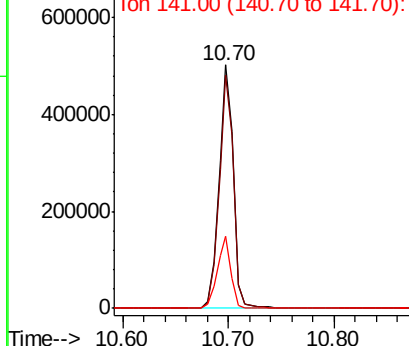
#42
 2,4,6-Tribromophenol
 Concen: 95.066 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tgt Ion:330 Resp: 481641
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 28.4 23.7 35.5

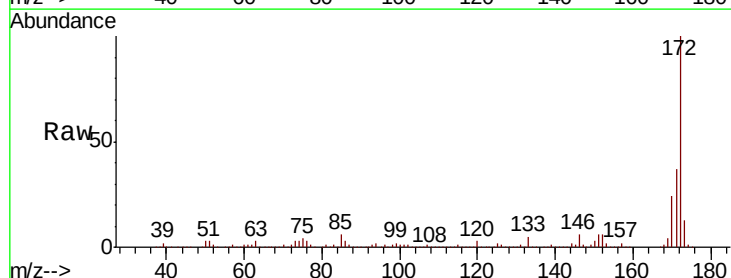


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

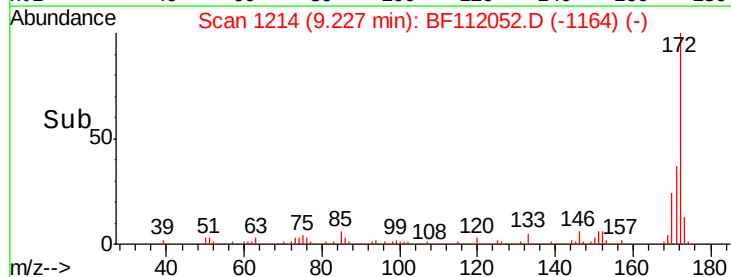
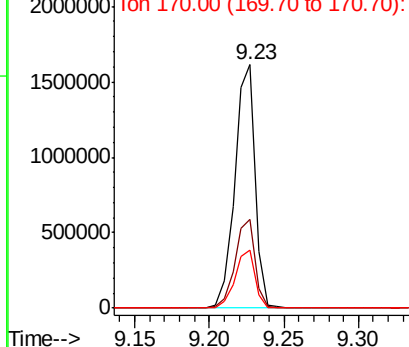


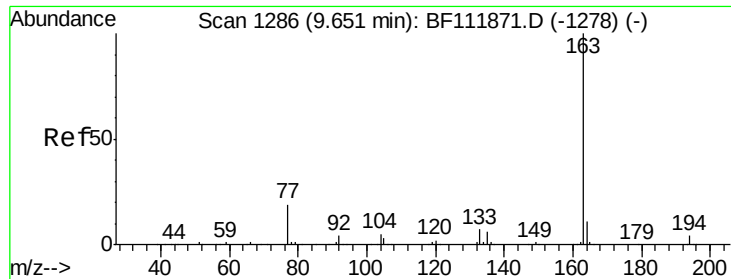
#45
 2-Fluorobiphenyl
 Concen: 57.853 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112052.D
 Acq: 14 Jan 2019 15:58

Tgt Ion:172 Resp: 1545363
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.9 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

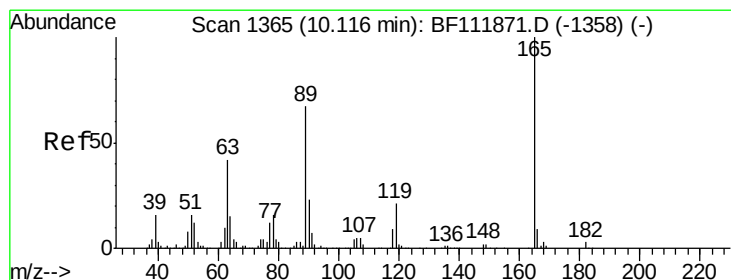
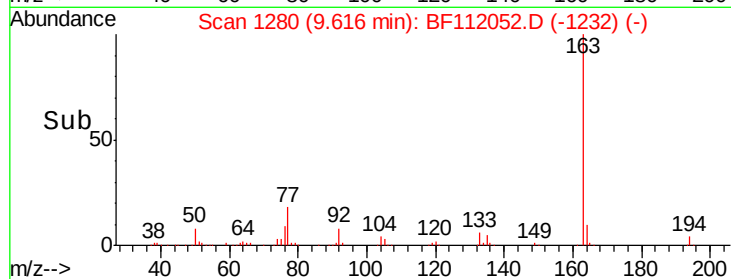
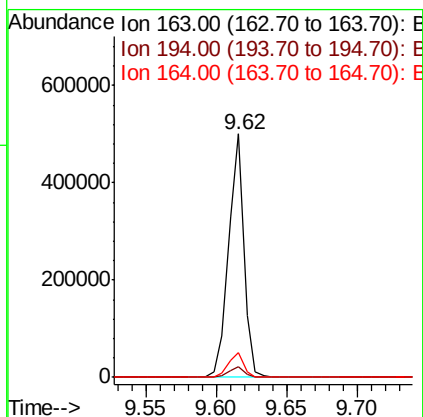
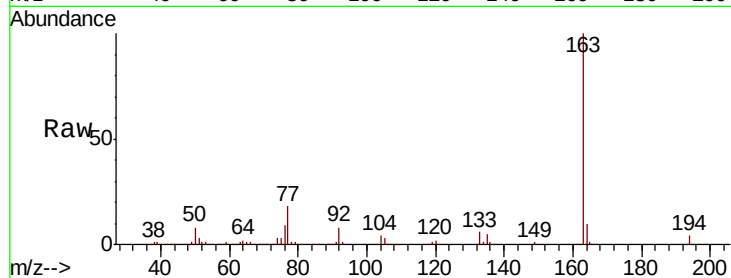




#50
Dimethylphthalate
Concen: 12.982 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

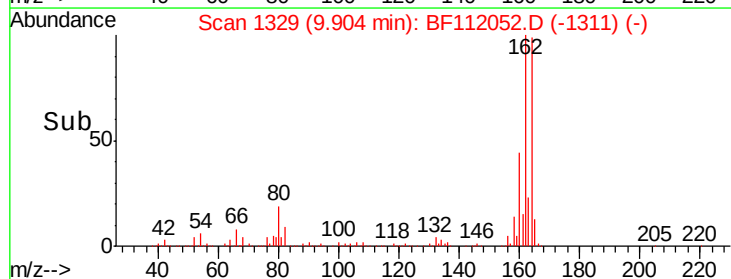
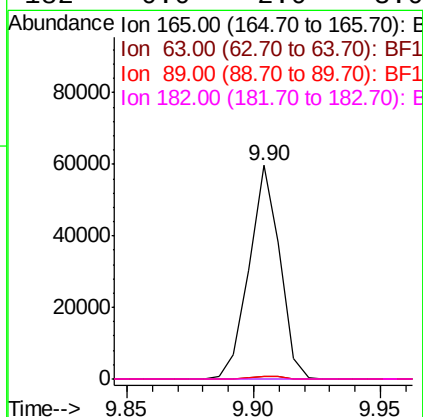
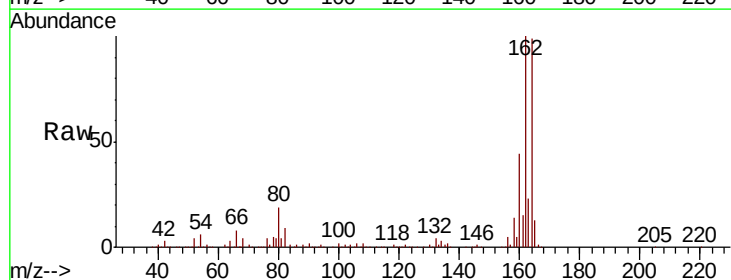
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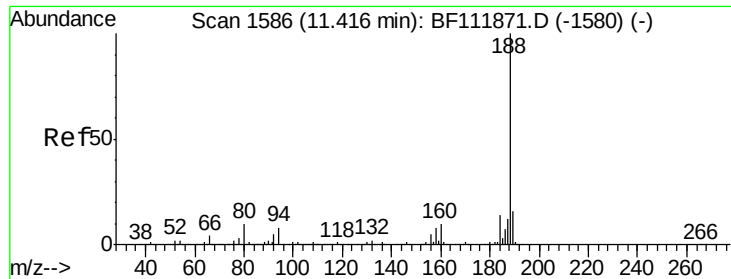
Tgt Ion:163 Resp: 379848
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 5.927 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

Tgt Ion:165 Resp: 50109
Ion Ratio Lower Upper
165 100
63 1.0 34.1 51.1#
89 1.3 53.5 80.3#
182 0.0 2.0 3.0#

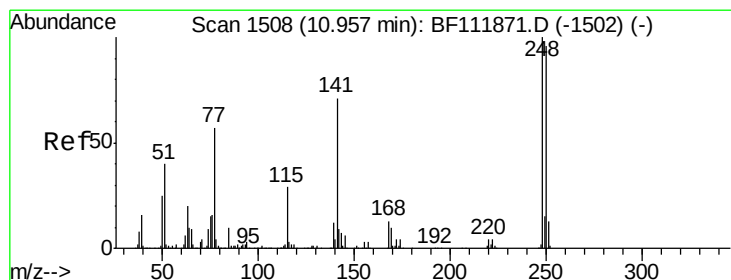
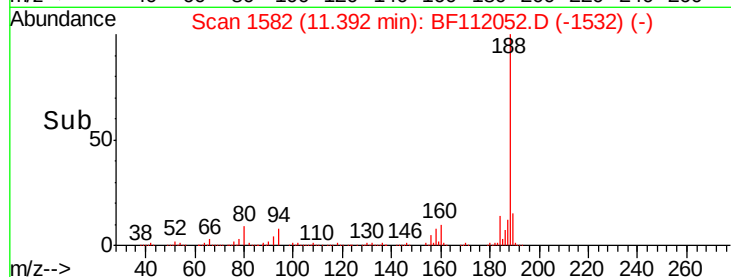
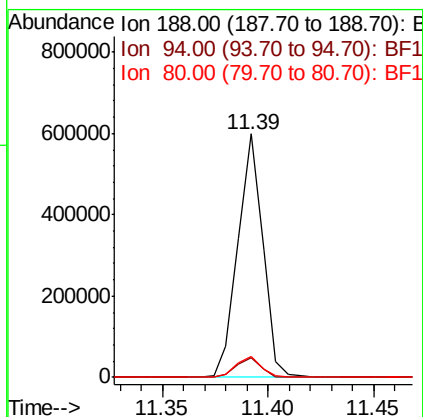
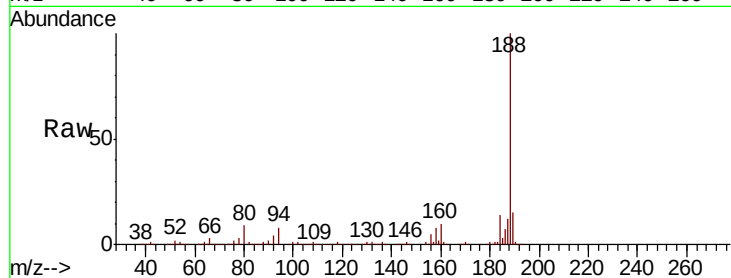




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

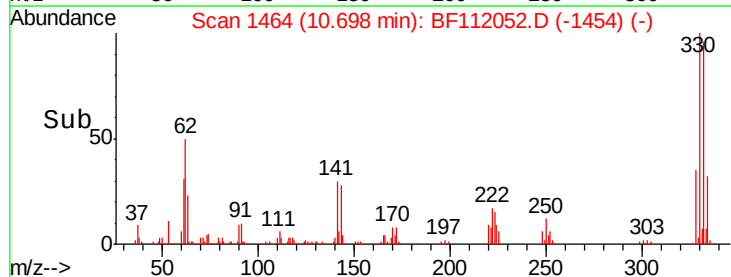
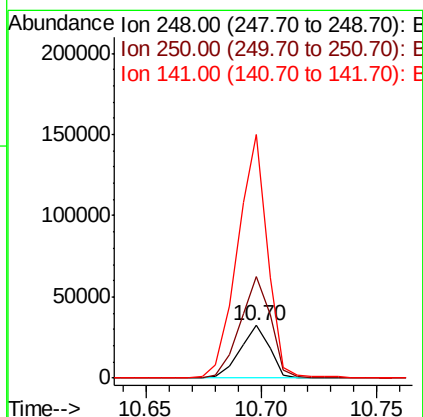
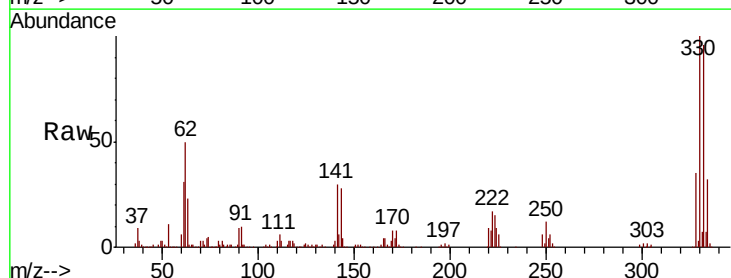
Instrument :
BNA_F
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P-1

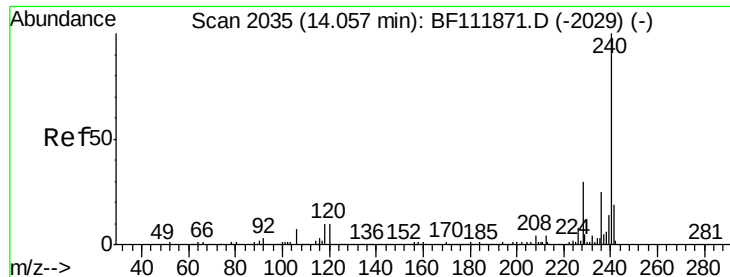
Tgt Ion:188 Resp: 490034
Ion Ratio Lower Upper
188 100
94 7.9 6.6 10.0
80 8.6 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

Tgt Ion:248 Resp: 29139
Ion Ratio Lower Upper
248 100
250 192.5 76.8 115.2#
141 463.3 57.0 85.6#

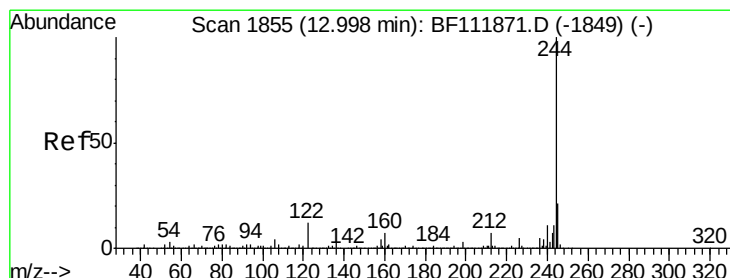
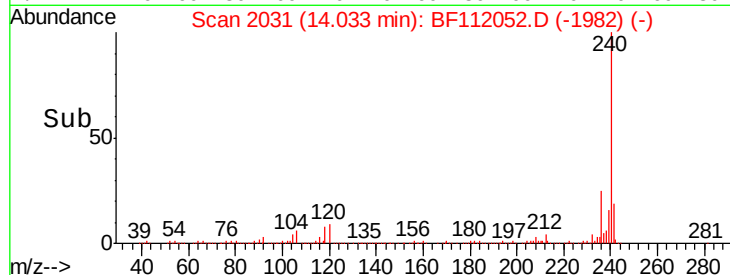
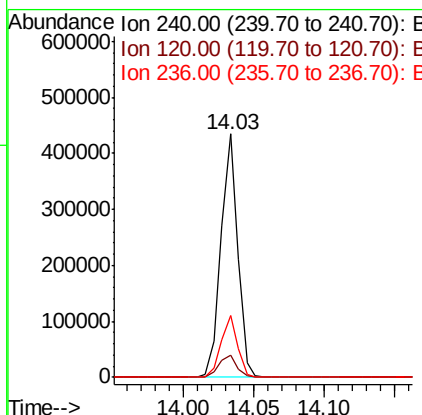
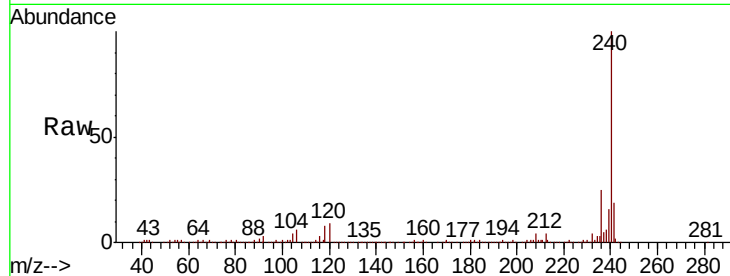




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

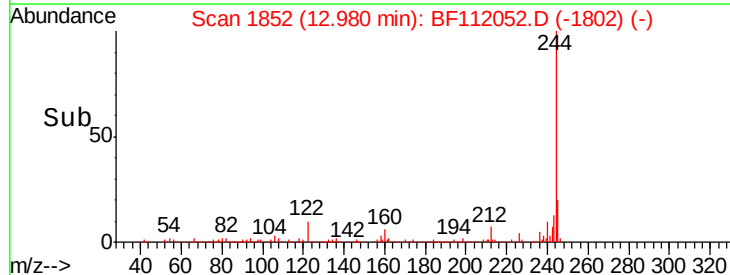
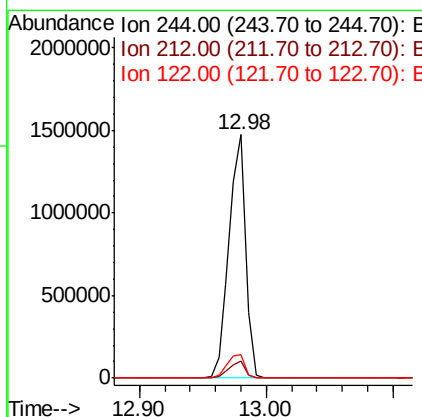
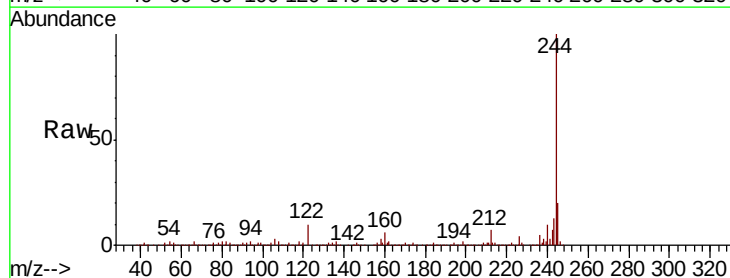
Instrument :
BNA_F
ClientSampleId :
P-1

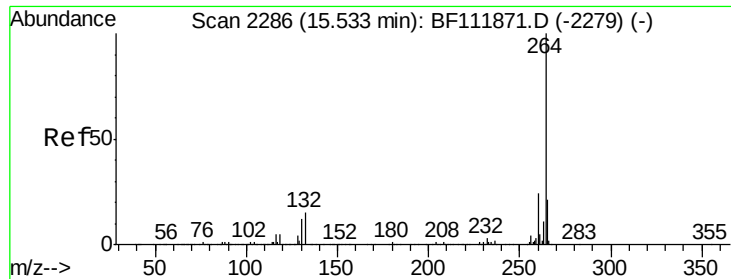
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	25.3	20.2	30.4



#79
Terphenyl-d14
Concen: 70.475 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	9.5	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF112052.D
Acq: 14 Jan 2019 15:58

Instrument :
BNA_F
ClientSampleId :
P-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.1	17.1	25.7

