

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111958.D
 Acq On : 9 Jan 2019 19:15
 Operator : JU/SJ
 Sample : K1074-09RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:53:34 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

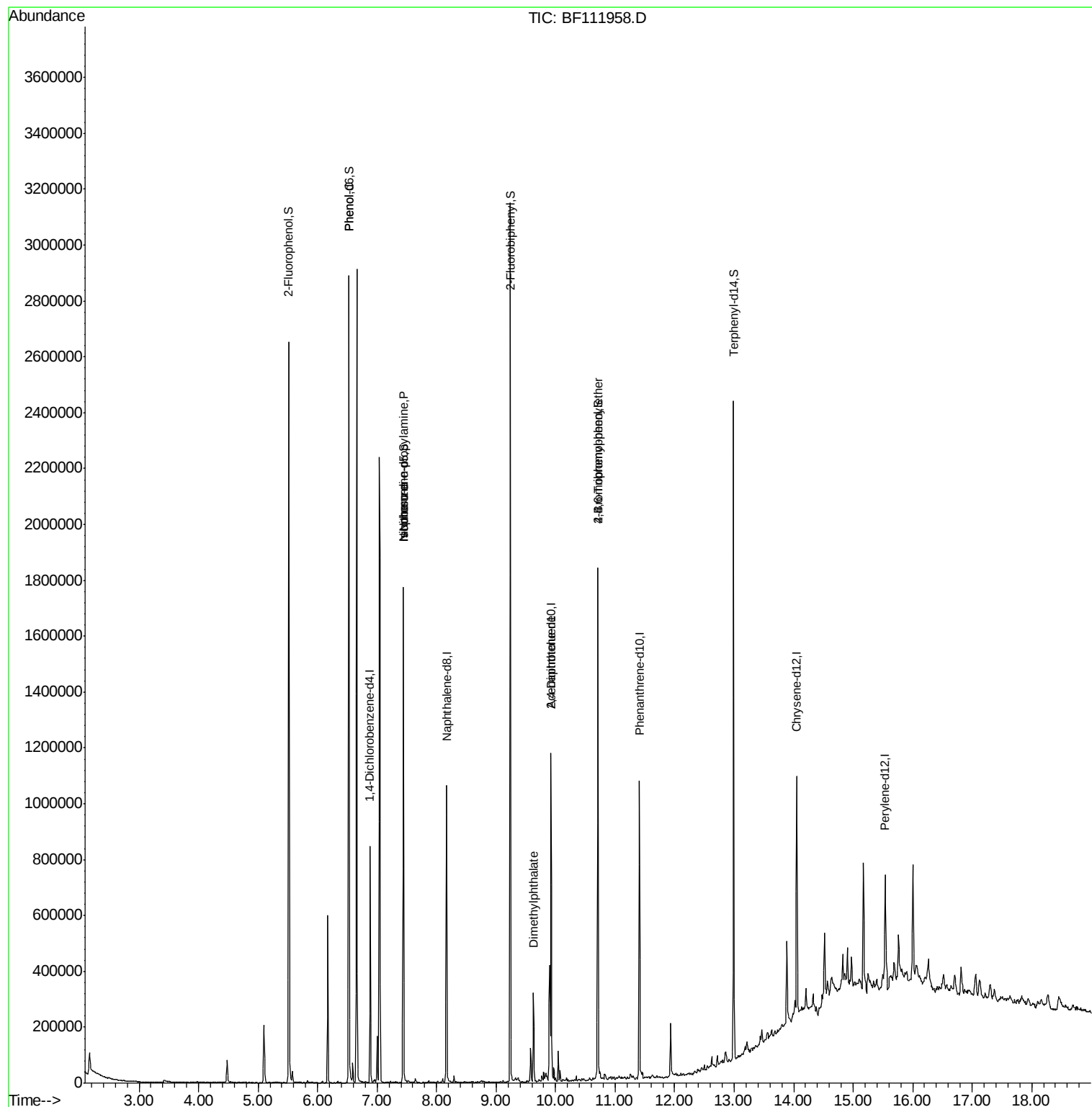
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	129243	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	475804	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	216148	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	369577	20.00	ng	0.00
76) Chrysene-d12	14.05	240	264902	20.00	ng	0.00
87) Perylene-d12	15.54	264	187015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	702999	93.06	ng	0.00
7) Phenol-d6	6.53	99	899473	92.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	564328	63.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	221666	78.84	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	897692	60.56	ng	-0.01
79) Terphenyl-d14	12.99	244	757573	54.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	4500	Below Cal		Qvalue
10) Phenol	6.53	94	44890	4.242 ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	76232	12.050 ng	#	78
25) Isophorone	7.45	82	561838	38.973 ng	#	65
50) Dimethylphthalate	9.63	163	114159	7.031 ng		97
57) 2,4-Dinitrotoluene	9.92	165	28808	6.140 ng	#	27
67) 4-Bromophenyl-phenylether	10.71	248	12954	2.706 ng	#	1

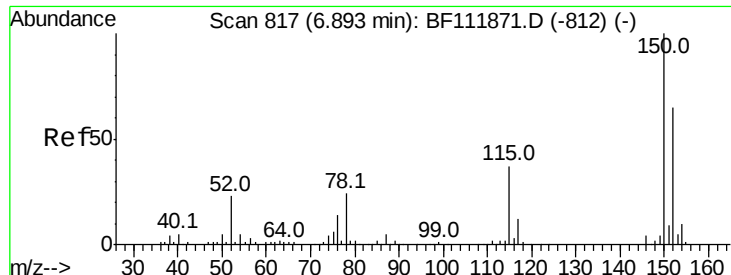
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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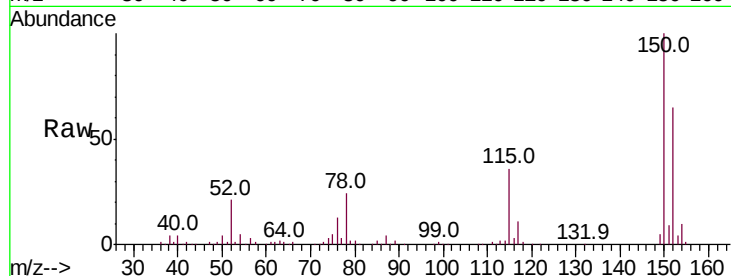


#1

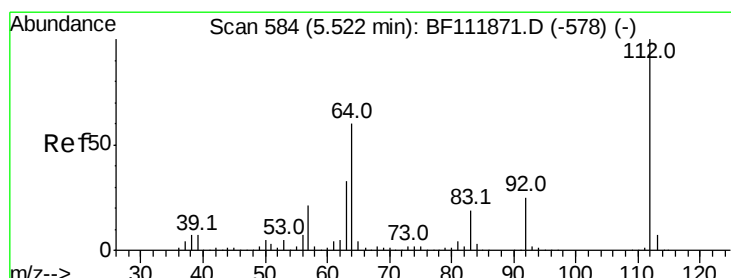
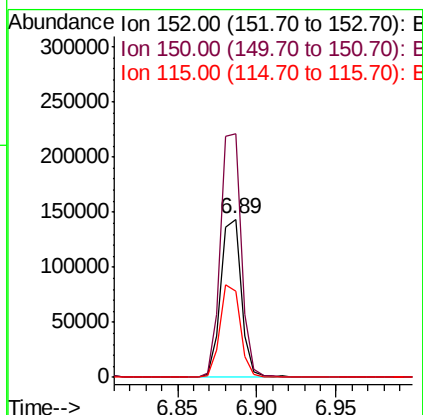
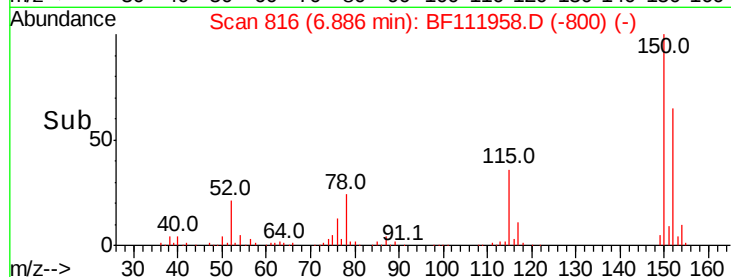
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 129243
Ion Ratio Lower Upper
152 100
150 154.2 122.7 184.1
115 54.8 45.2 67.8



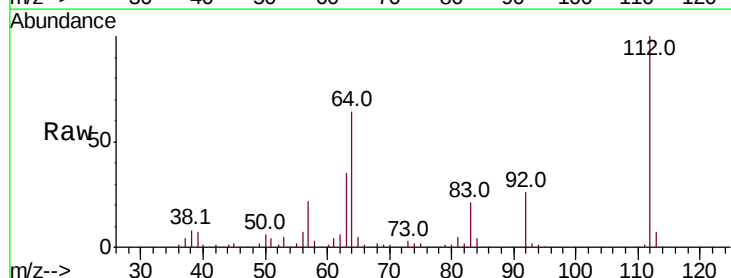
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



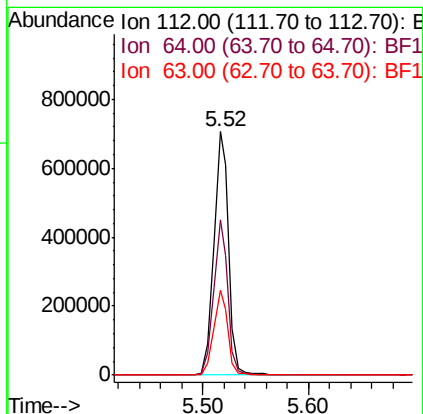
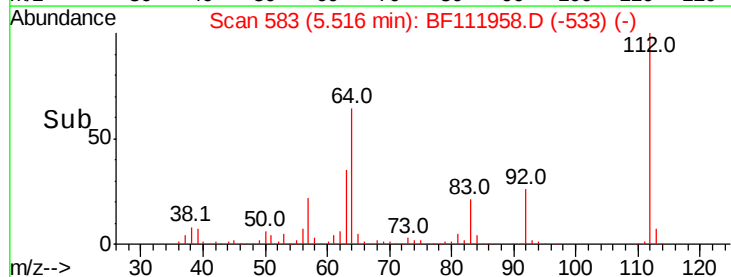
#5

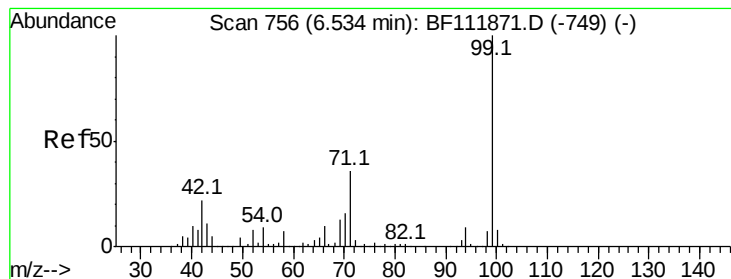
2-Fluorophenol
Concen: 93.057 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion:112 Resp: 702999
Ion Ratio Lower Upper
112 100
64 64.0 48.3 72.5
63 35.0 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: 92.379 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111958.D

Acq: 9 Jan 2019 19:15

Instrument :

BNA_F

ClientSampleId :

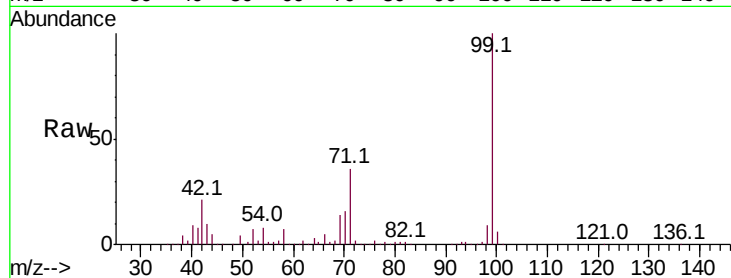
Tot Ion: 99 Resp: 899473

Ion Ratio Lower Upper

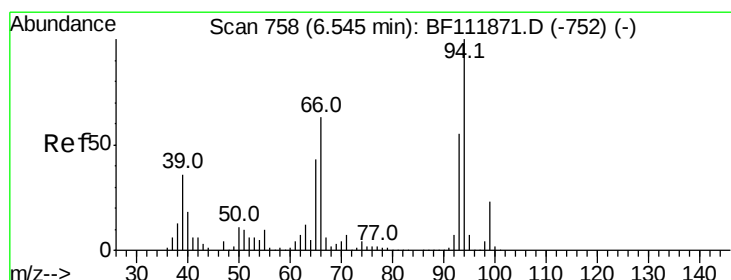
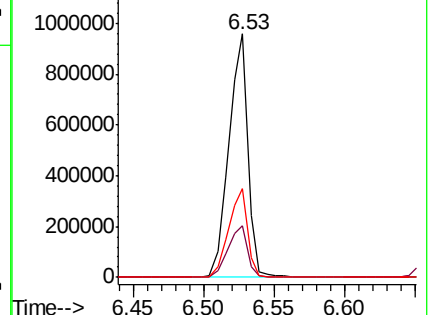
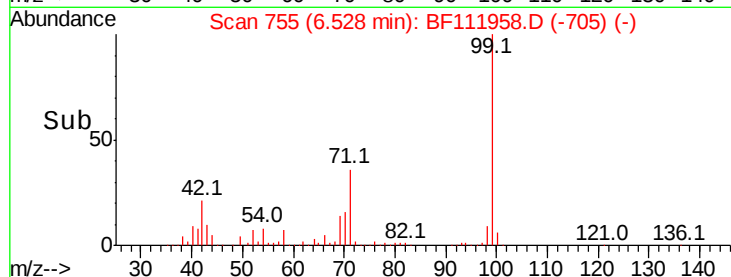
99 100

42 21.4 17.9 26.9

71 36.3 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: 4.242 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111958.D

Acq: 9 Jan 2019 19:15

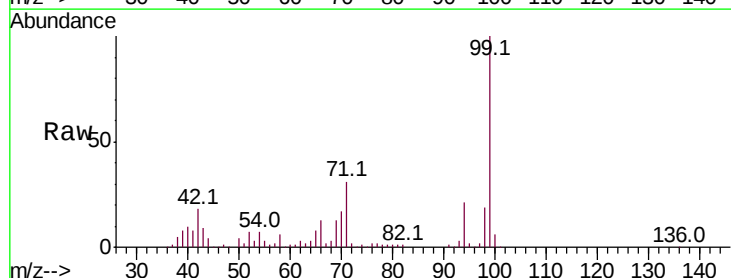
Tgt Ion: 94 Resp: 44890

Ion Ratio Lower Upper

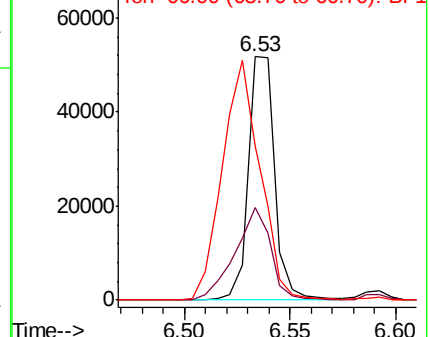
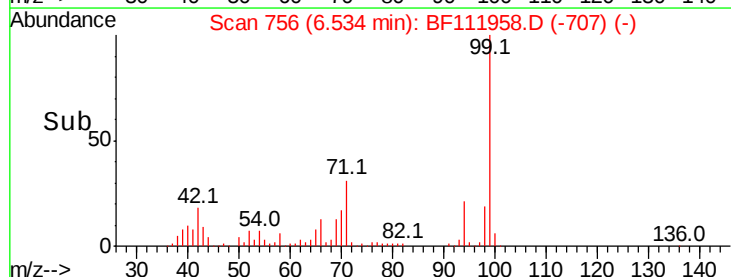
94 100

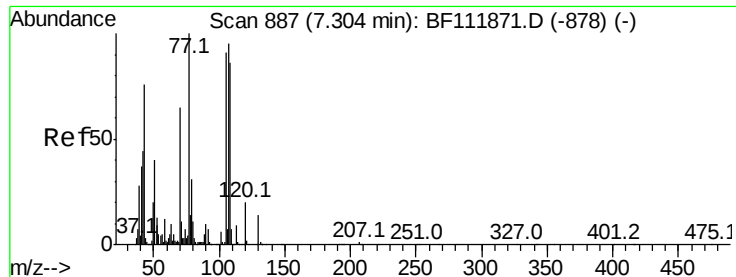
65 38.3 22.8 62.8

66 63.5 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

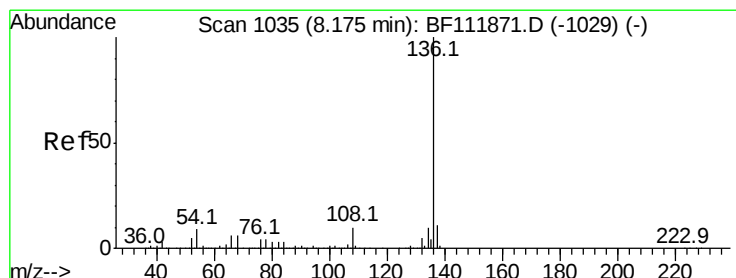
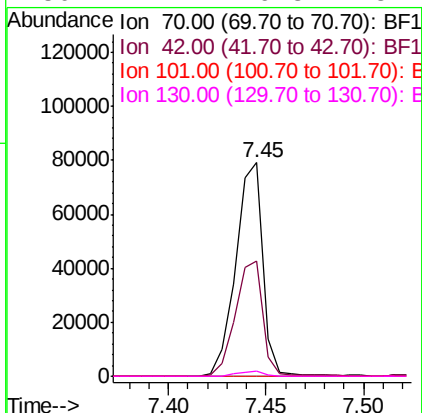
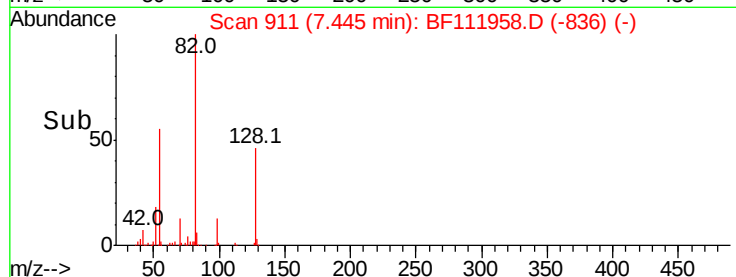
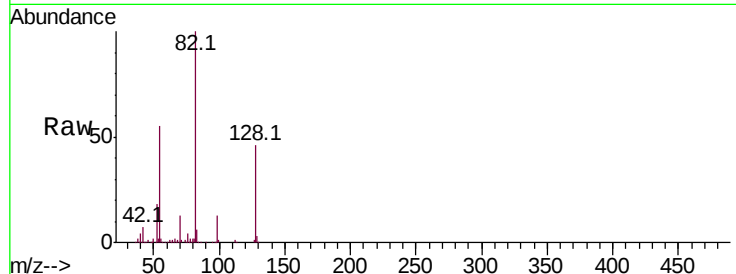




#19
n-Nitroso-di-n-propylamine
Concen: 12.050 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

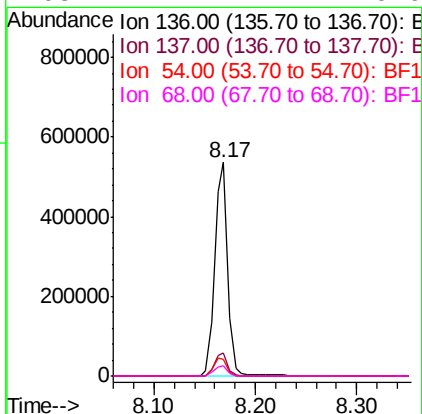
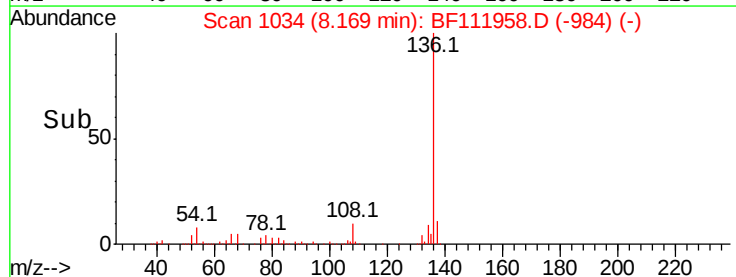
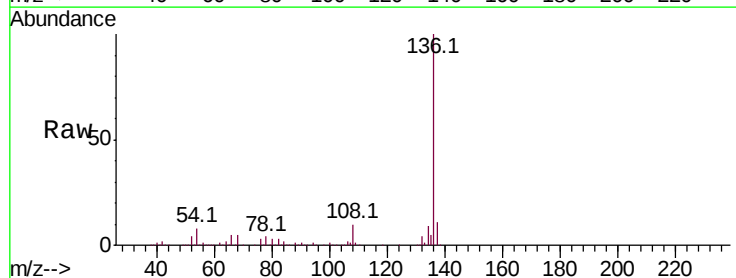
Instrument :
BNA_F
ClientSampleId :

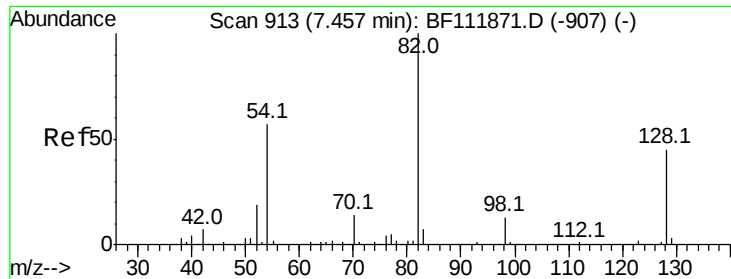
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.0	53.6	80.4	
101	0.0	7.3	10.9	
130	2.4	16.8	25.2	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	7.7	7.2	10.8	
68	4.7	4.4	6.6	

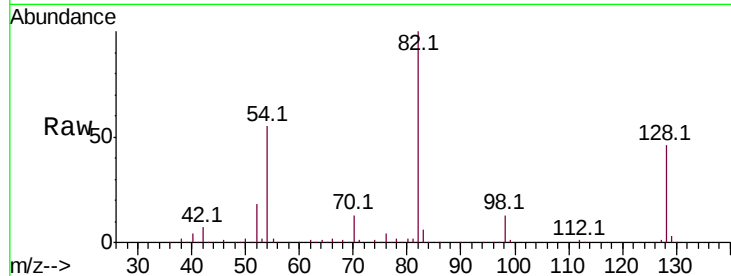




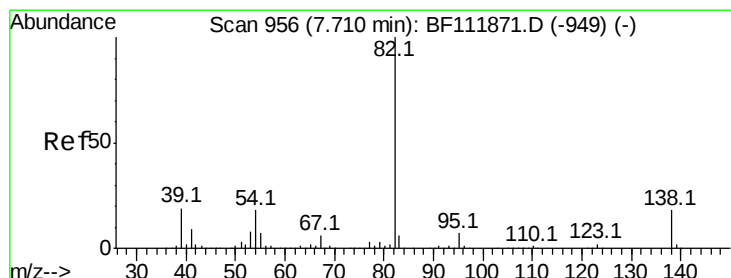
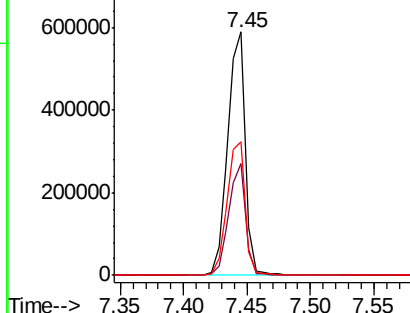
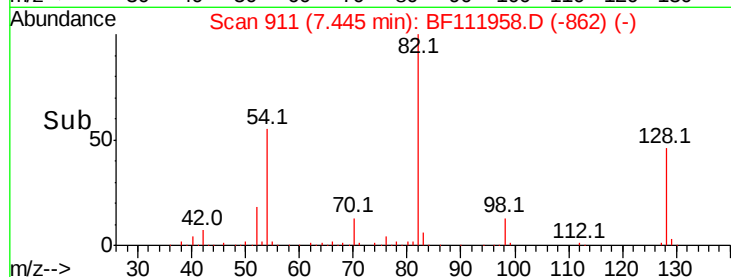
#23
 Nitrobenzene-d5
 Concen: 63.389 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111958.D
 Acq: 9 Jan 2019 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	564328
Ion Ratio	Lower	Upper	
82	100		
128	46.2	35.7	53.5
54	54.6	45.8	68.8

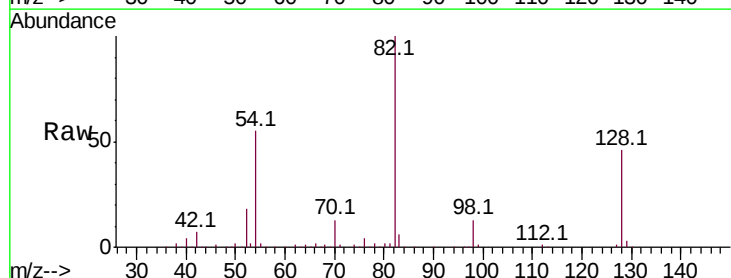


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

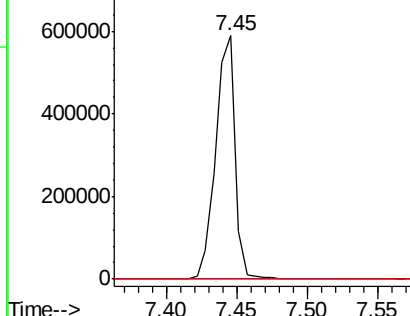
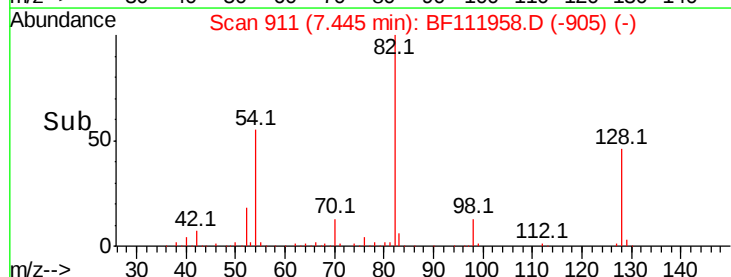


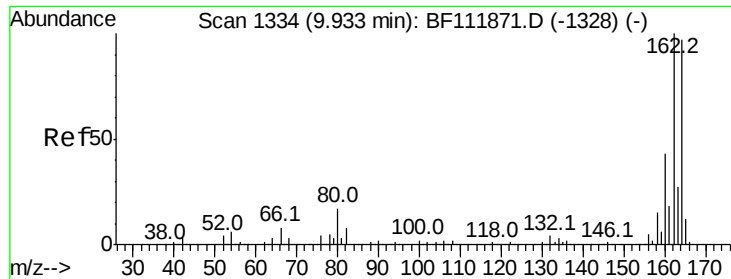
#25
 Isophorone
 Concen: 38.973 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF111958.D
 Acq: 9 Jan 2019 19:15

Tgt Ion	82	Resp	561838
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): E

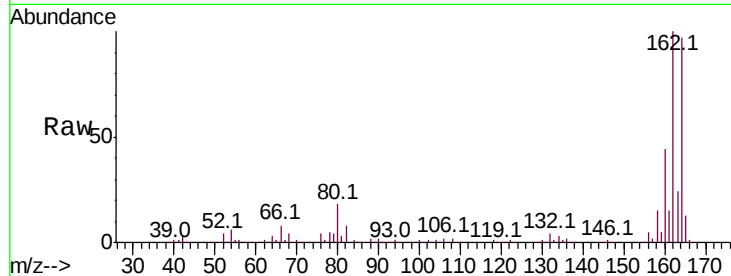




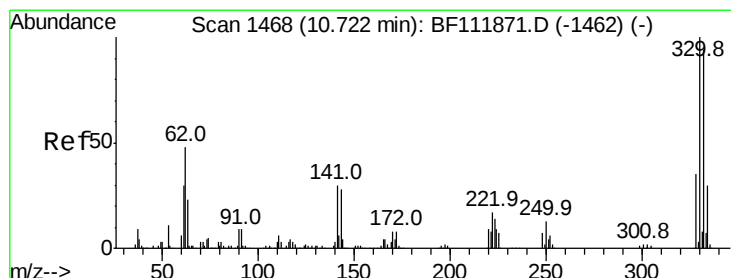
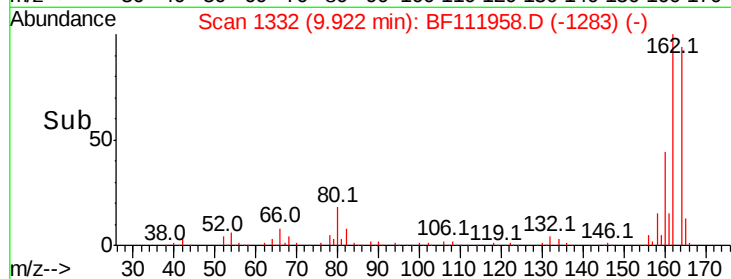
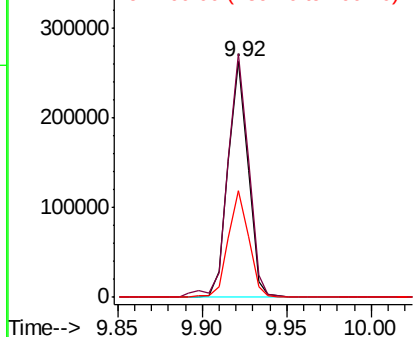
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 216148
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 45.0 35.5 53.3

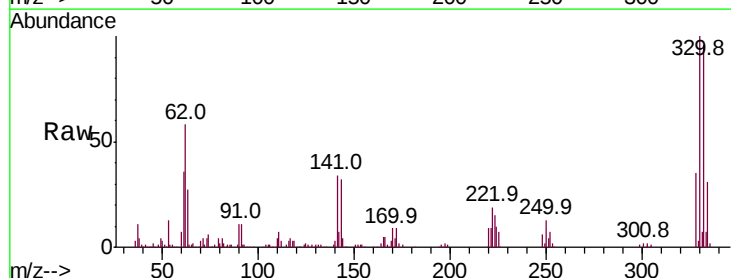


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

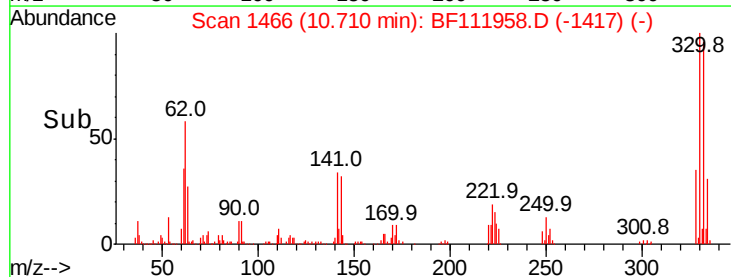
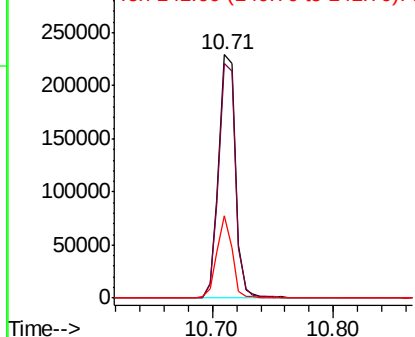


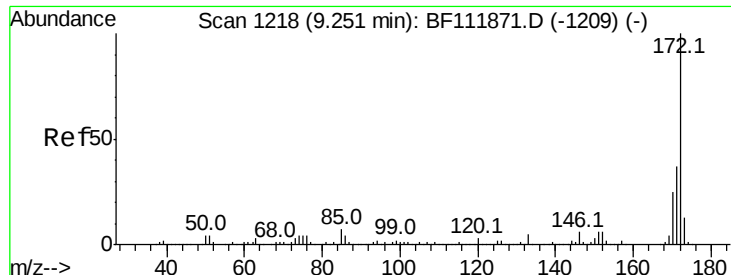
#42
2,4,6-Tribromophenol
Concen: 78.845 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion:330 Resp: 221666
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 30.2 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

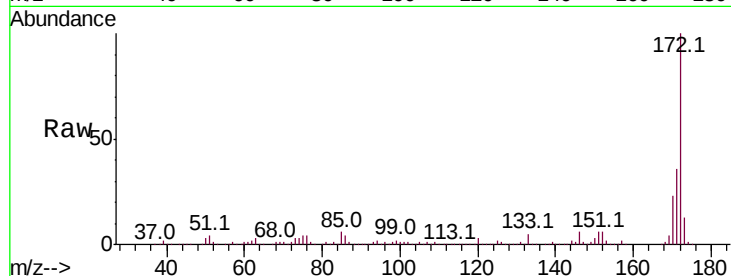




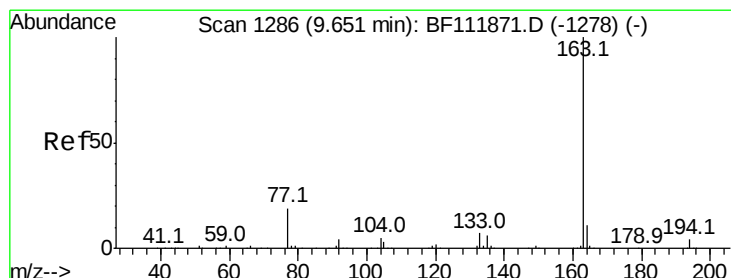
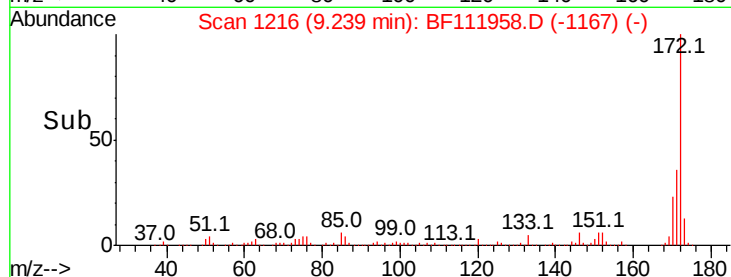
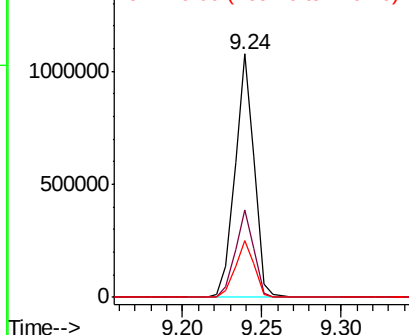
#45
2-Fluorobiphenyl
Concen: 60.561 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 897692
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.4 19.8 29.8

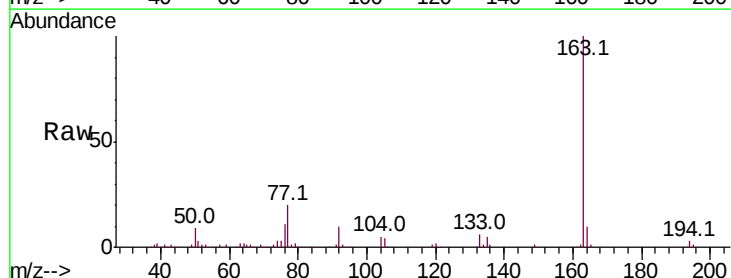


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

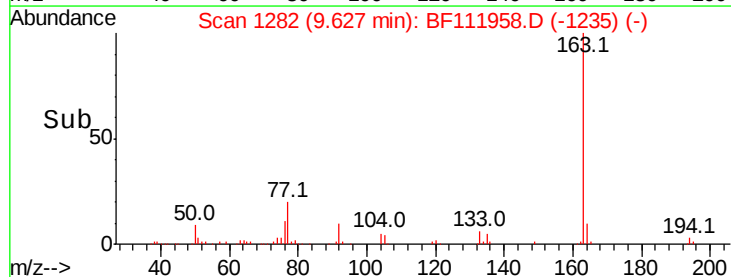
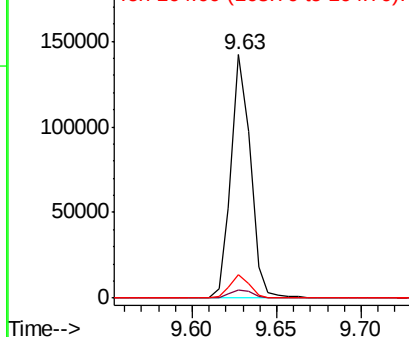


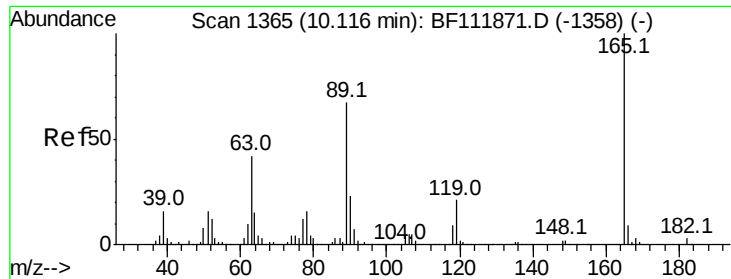
#50
Dimethylphthalate
Concen: 7.031 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion:163 Resp: 114159
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 9.6 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: 6.140 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF111958.D

Acq: 9 Jan 2019 19:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 28808

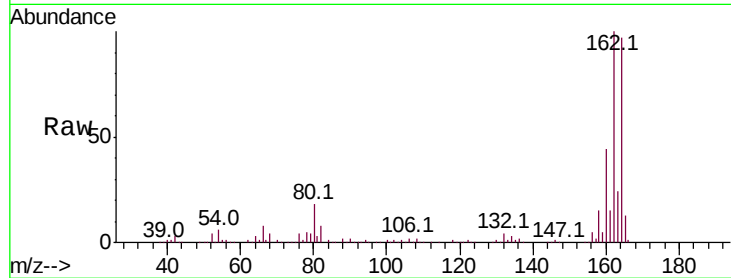
Ion Ratio Lower Upper

165 100

63 1.3 34.1 51.1#

89 1.8 53.5 80.3#

182 0.0 2.0 3.0#

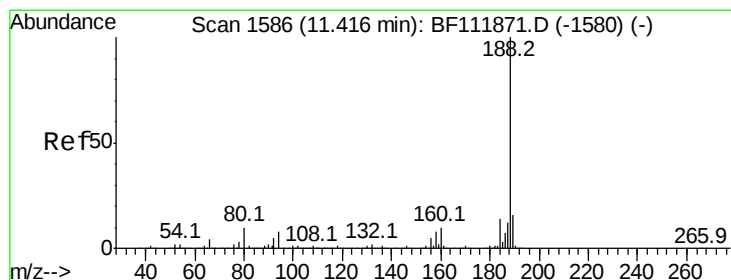
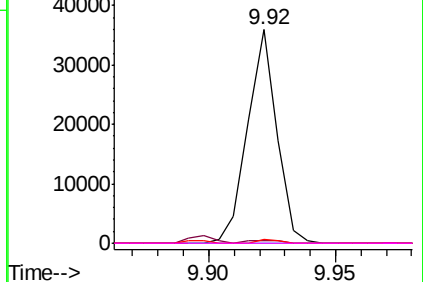
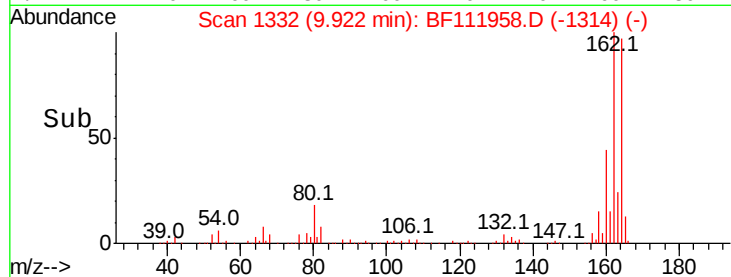


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111958.D

Acq: 9 Jan 2019 19:15

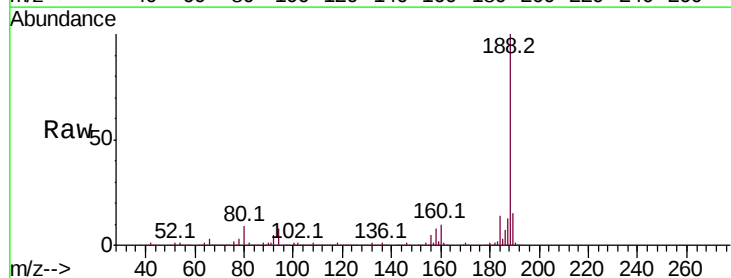
Tgt Ion:188 Resp: 369577

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

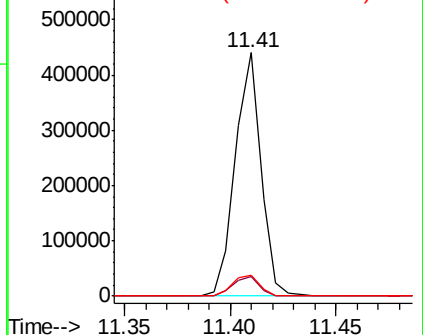
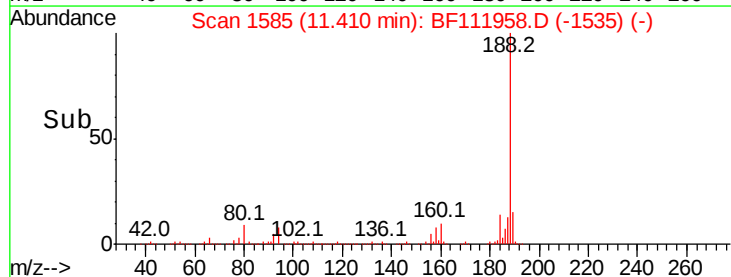
80 8.6 7.7 11.5

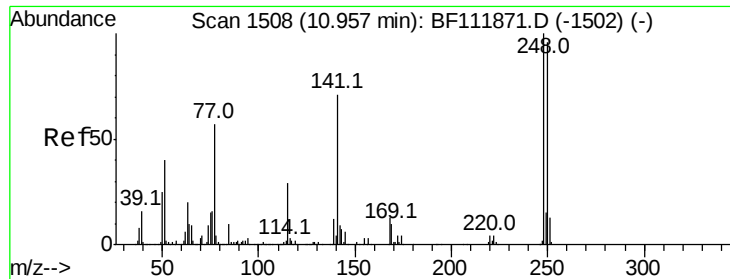


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

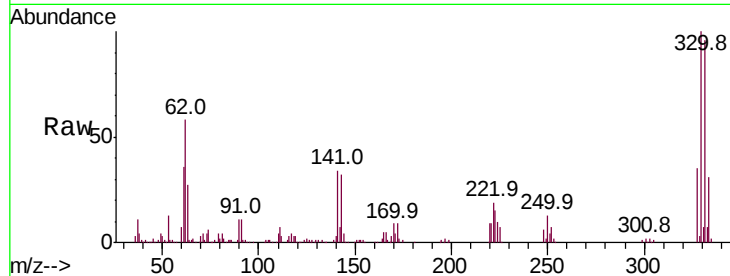




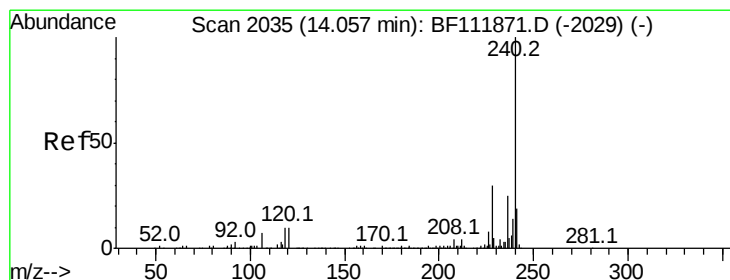
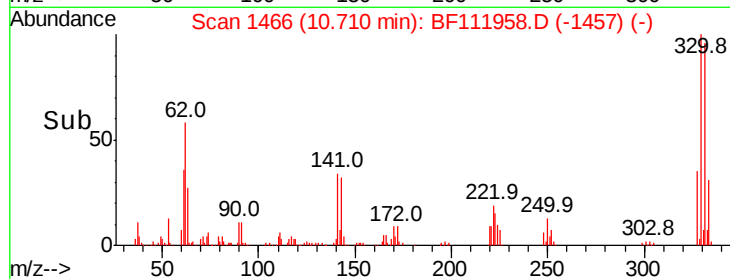
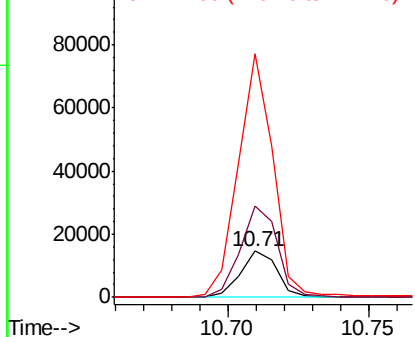
#67
 4-Bromophenyl-phenylether
 Concen: 2.706 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111958.D
 Acq: 9 Jan 2019 19:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12954
 Ion Ratio Lower Upper
 248 100
 250 198.6 76.8 115.2#
 141 530.0 57.0 85.6#

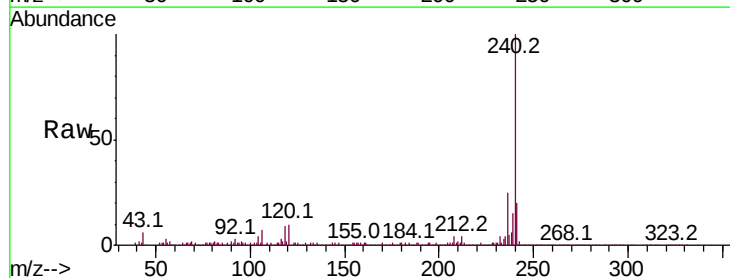


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

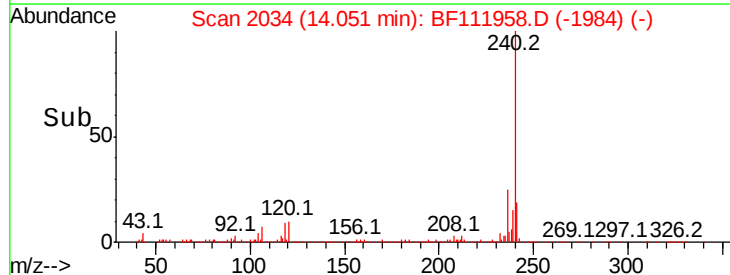
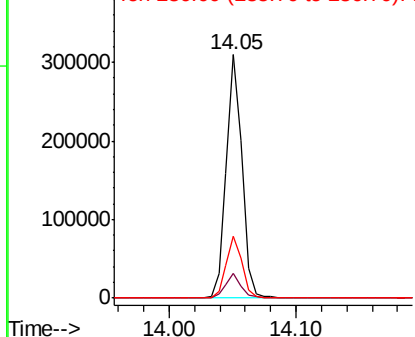


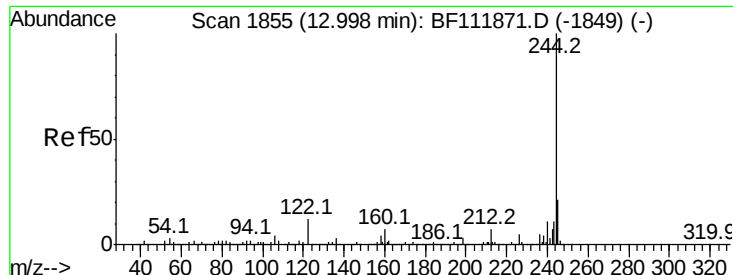
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111958.D
 Acq: 9 Jan 2019 19:15

Tgt Ion:240 Resp: 264902
 Ion Ratio Lower Upper
 240 100
 120 10.0 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: 54.286 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111958.D

Acq: 9 Jan 2019 19:15

Instrument :

BNA_F

ClientSampled :

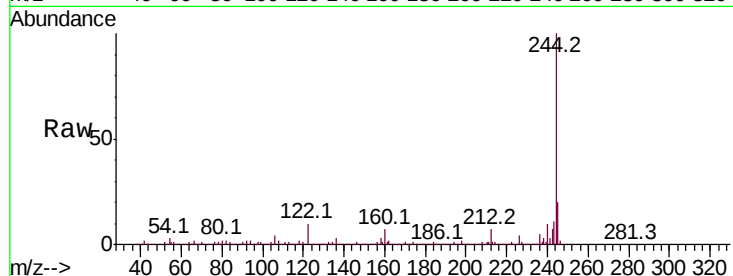
Tot Ion:244 Resp: 757573

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

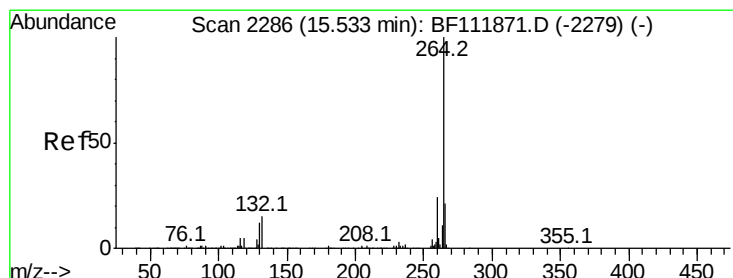
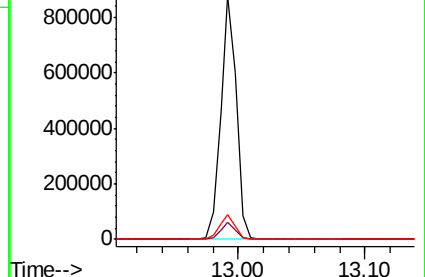
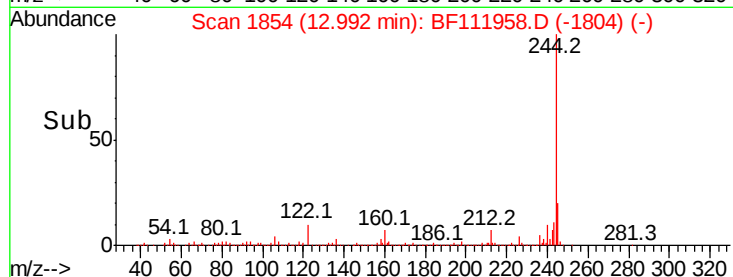
122 10.2 9.5 14.3



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: BF111958.D

Acq: 9 Jan 2019 19:15

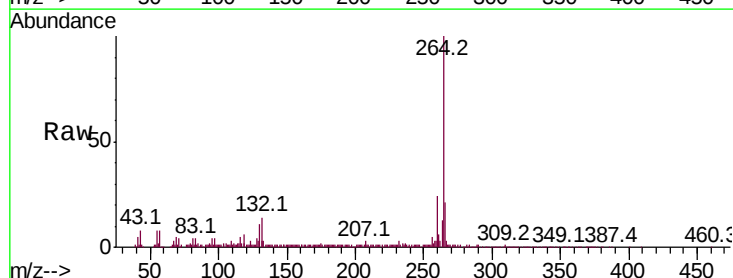
Tgt Ion:264 Resp: 187015

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.3 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

