

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111959.D
 Acq On : 9 Jan 2019 19:43
 Operator : JU/SJ
 Sample : K1074-11RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:53:43 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

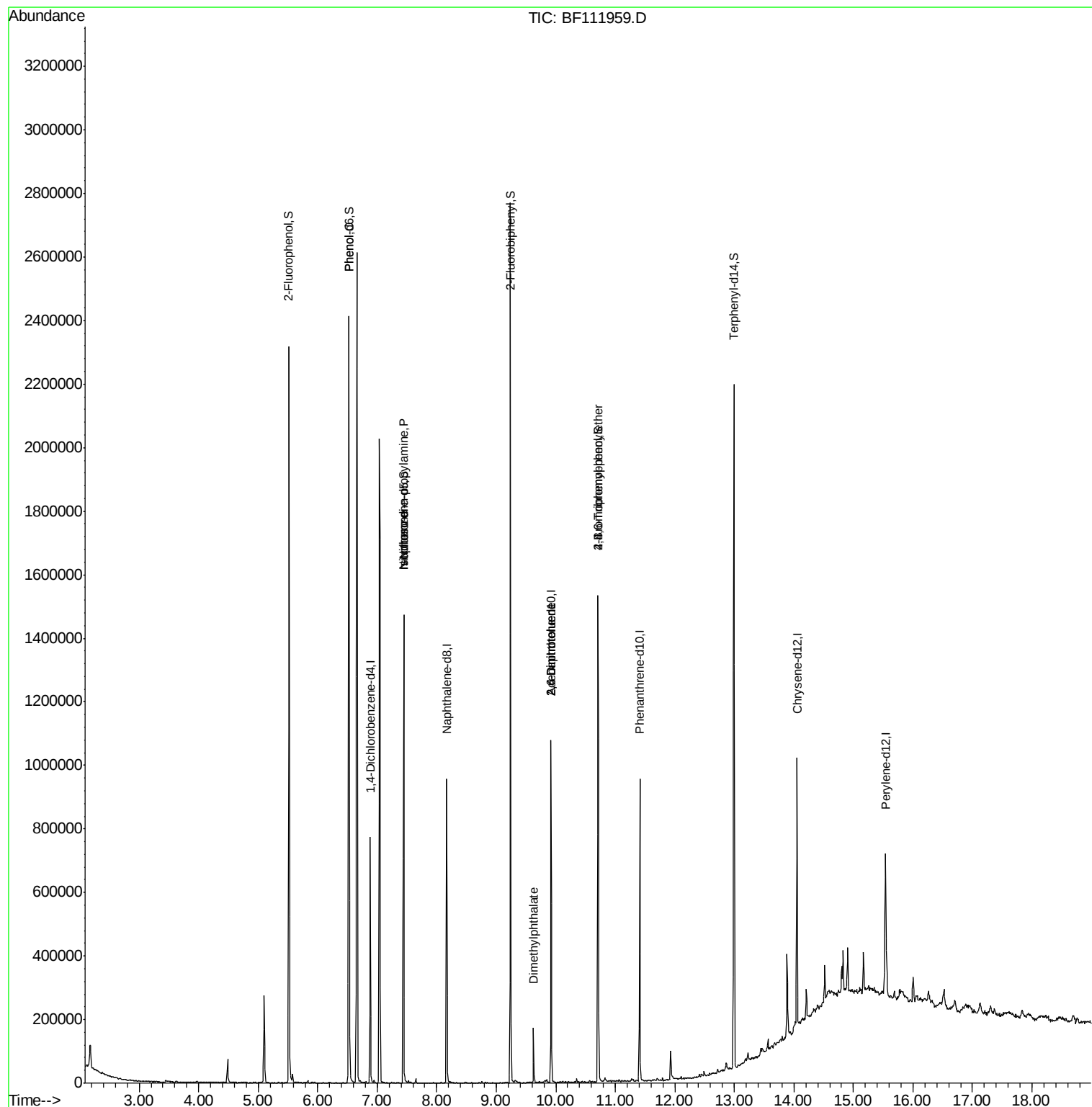
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119134	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	427050	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	196510	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	335805	20.00	ng	0.00
76) Chrysene-d12	14.05	240	281503	20.00	ng	0.00
87) Perylene-d12	15.54	264	205837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	646998	92.91	ng	0.00
7) Phenol-d6	6.53	99	807549	89.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	497637	62.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	182779	71.51	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	803368	59.61	ng	-0.01
79) Terphenyl-d14	12.99	244	690127	46.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1369	Below Cal	Qvalue	# 1
10) Phenol	6.53	94	28327	2.904 ng		91
19) n-Nitroso-di-n-propylamine	7.44	70	66779	11.451 ng	#	78
25) Isophorone	7.45	82	497633	38.460 ng	#	65
50) Dimethylphthalate	9.63	163	64732	4.385 ng		98
51) 2,6-Dinitrotoluene	9.92	165	24126	7.309 ng	#	26
57) 2,4-Dinitrotoluene	9.92	165	24126	5.656 ng	#	26
67) 4-Bromophenyl-phenylether	10.71	248	10685	2.457 ng	#	1

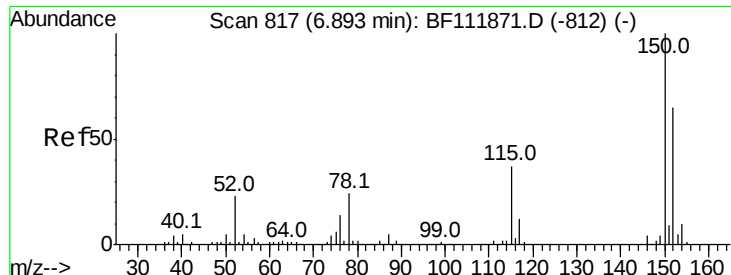
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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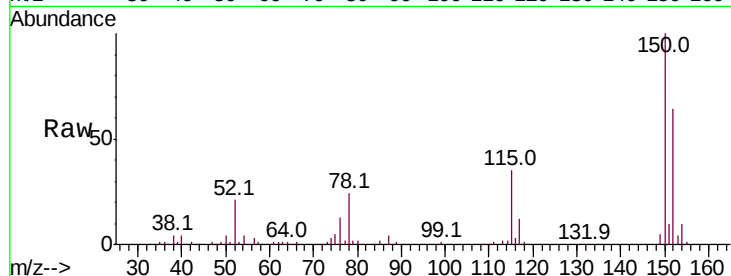


#1

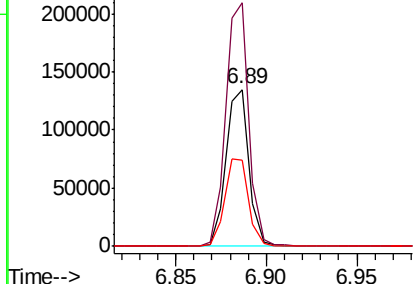
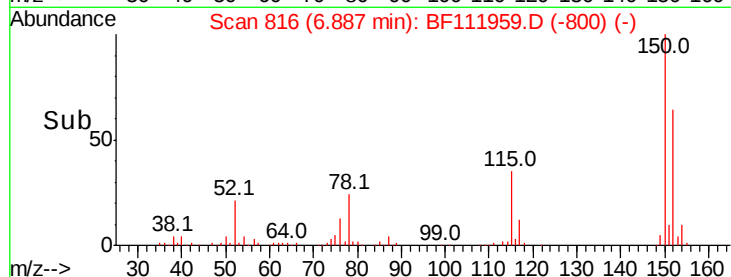
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119134
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 55.1 45.2 67.8



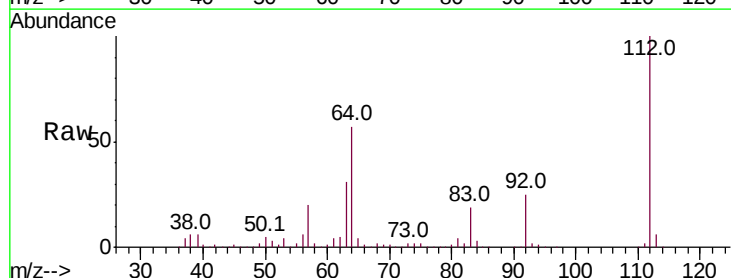
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



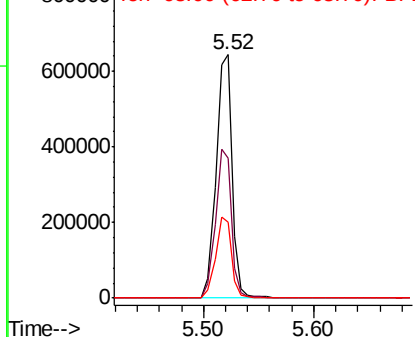
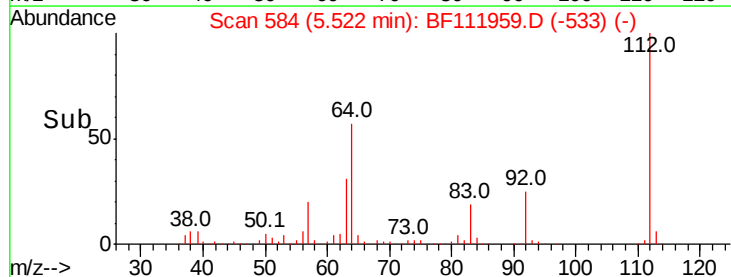
#5

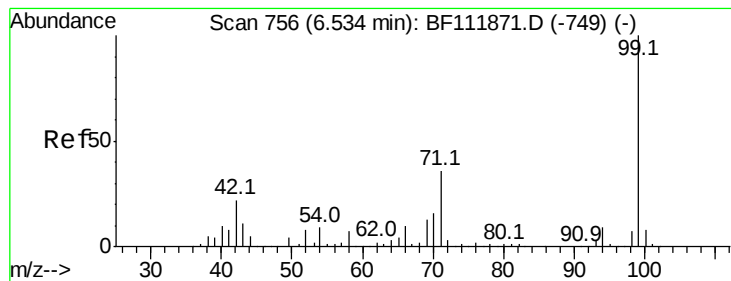
2-Fluorophenol
Concen: 92.912 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:112 Resp: 646998
Ion Ratio Lower Upper
112 100
64 57.4 48.3 72.5
63 31.4 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: 89.975 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

Instrument :

BNA_F

ClientSampled :

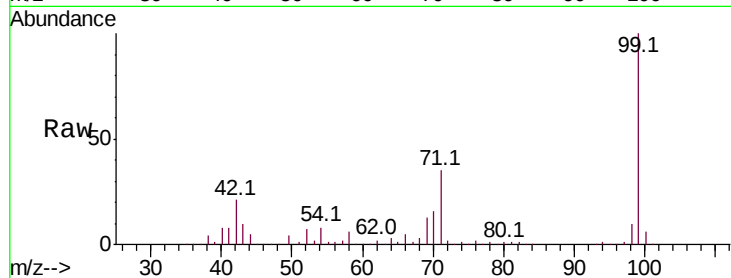
Tot Ion: 99 Resp: 807549

Ion Ratio Lower Upper

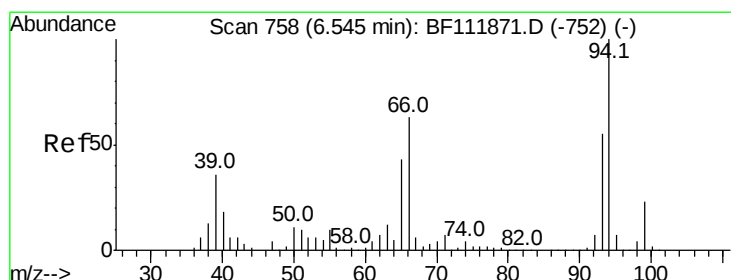
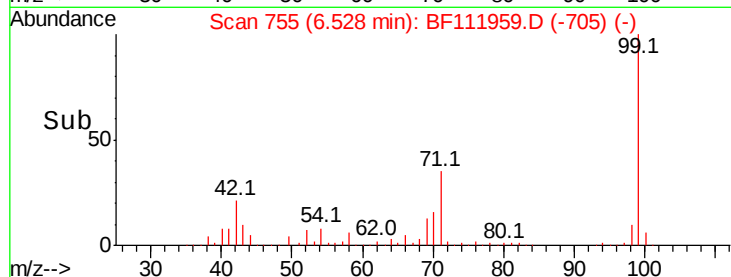
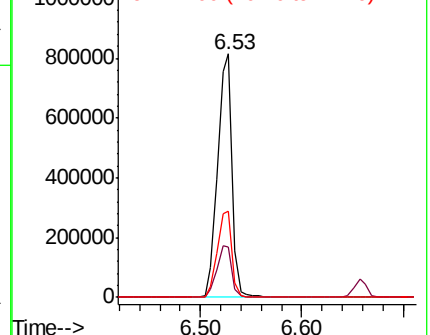
99 100

42 20.8 17.9 26.9

71 35.4 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



#10

Phenol

Concen: 2.904 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

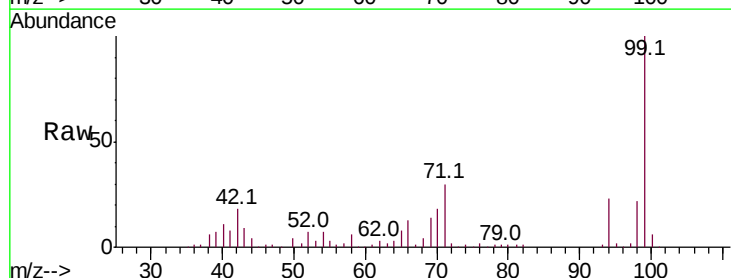
Tgt Ion: 94 Resp: 28327

Ion Ratio Lower Upper

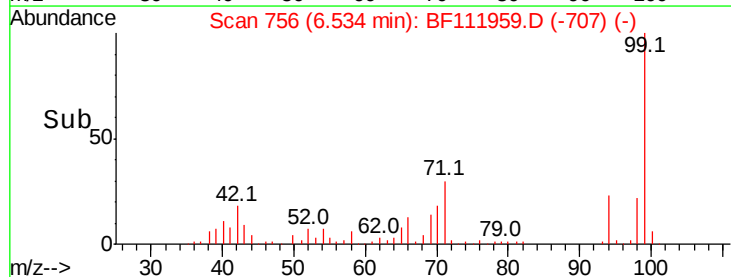
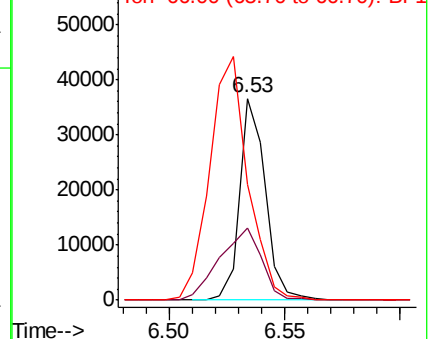
94 100

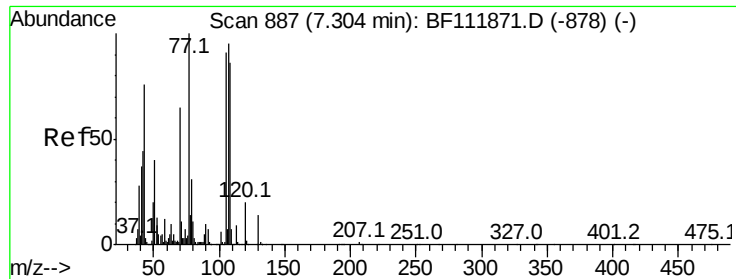
65 35.7 22.8 62.8

66 57.1 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

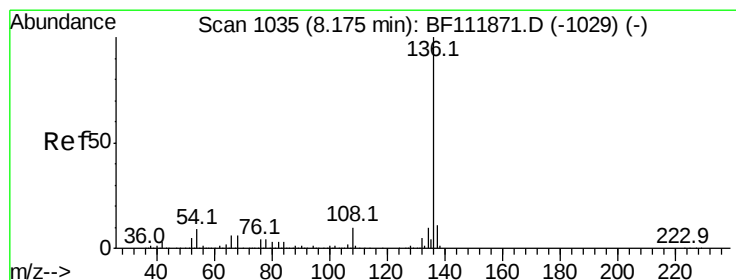
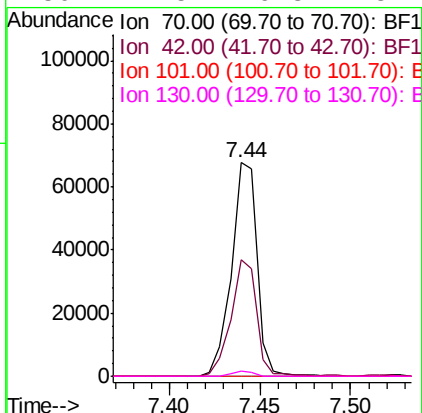
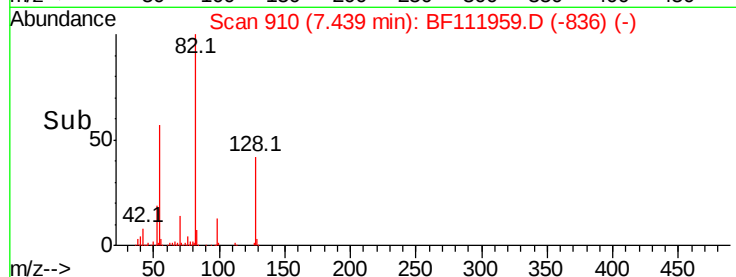
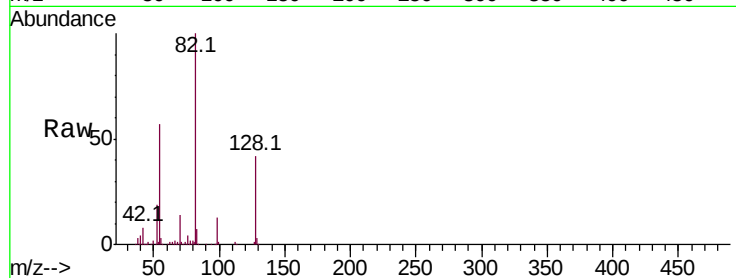




#19
n-Nitroso-di-n-propylamine
Concen: 11.451 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

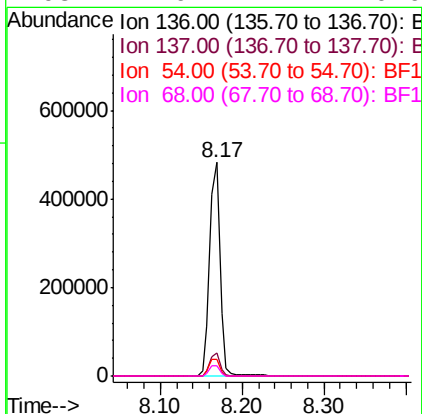
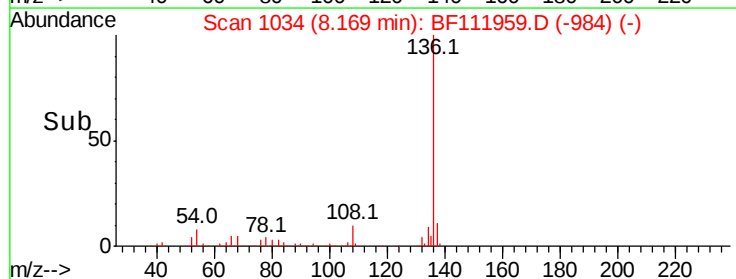
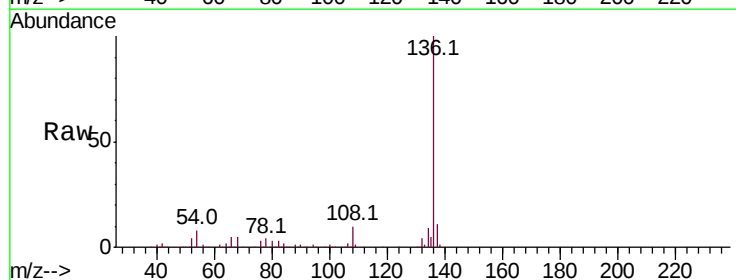
Instrument :
BNA_F
ClientSampleId :

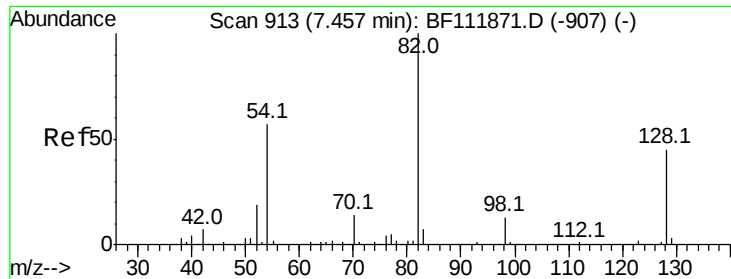
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	53.6	80.4
101	0.0	7.3	10.9#
130	2.5	16.8	25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.9	7.2	10.8
68	4.9	4.4	6.6

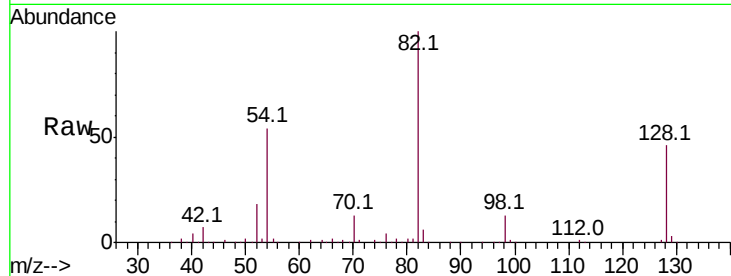




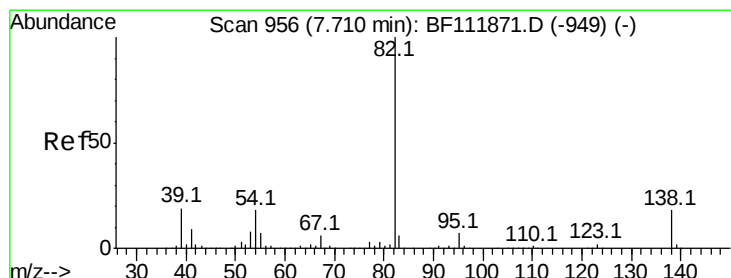
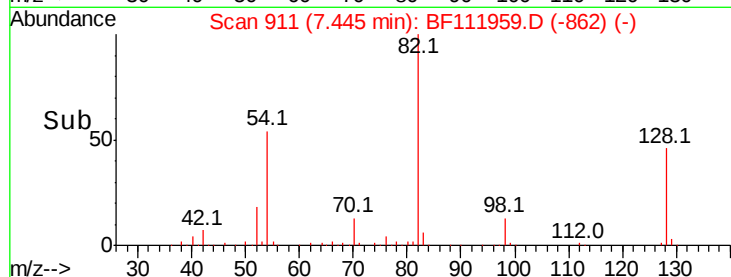
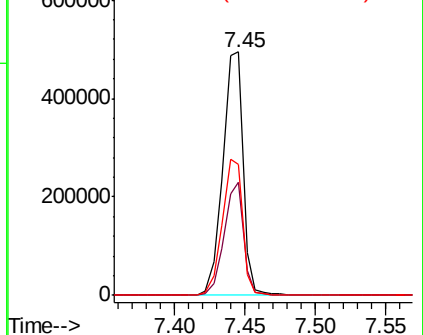
#23
 Nitrobenzene-d5
 Concen: 62.279 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111959.D
 Acq: 9 Jan 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	497637
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.7	53.5
54	53.6	45.8	68.8

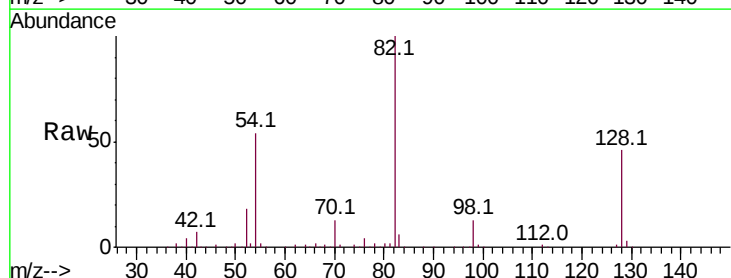


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

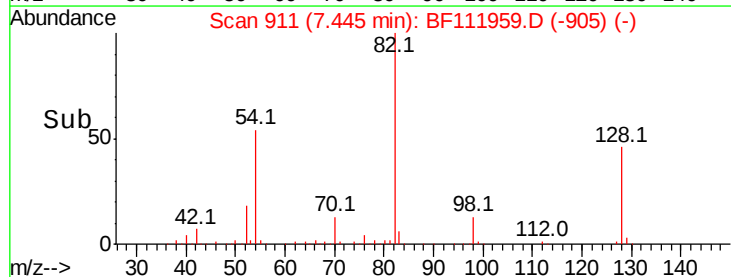
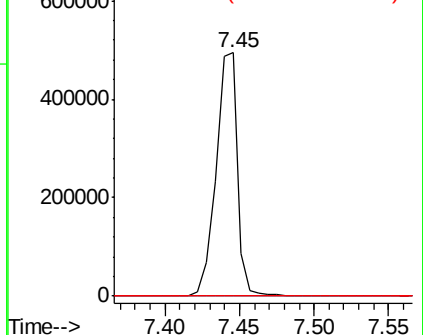


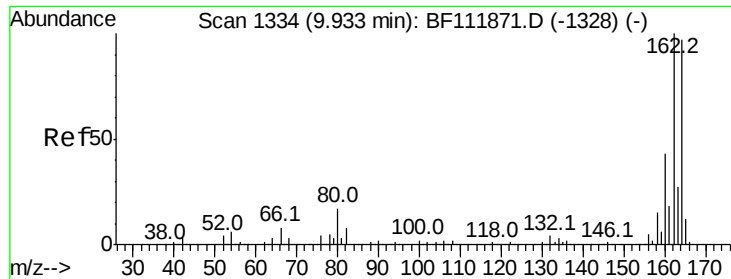
#25
 Isophorone
 Concen: 38.460 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF111959.D
 Acq: 9 Jan 2019 19:43

Tgt Ion	82	Resp	497633
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: BF111959.D

Acq: 9 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

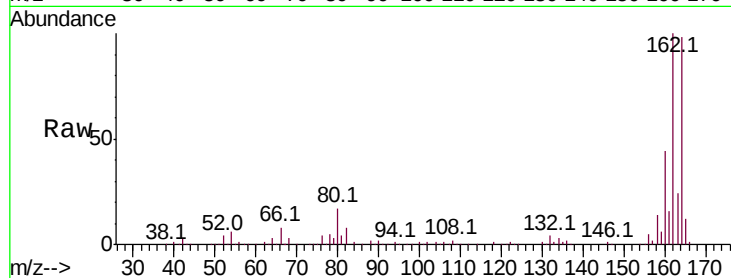
Tot Ion:164 Resp: 196510

Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.2

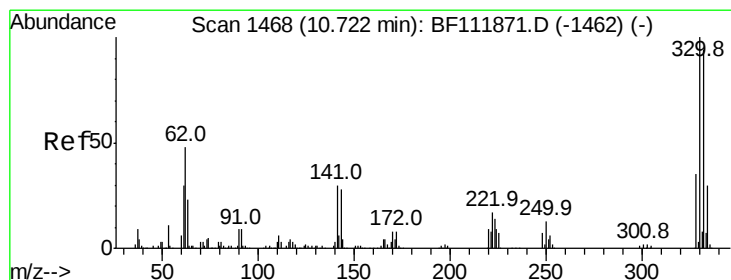
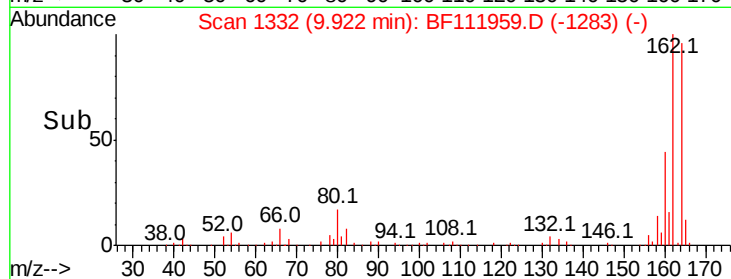
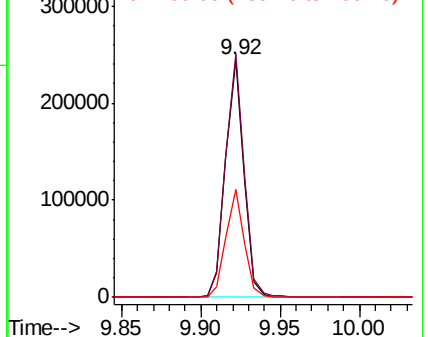
160 45.1 35.5 53.3



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: 71.510 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

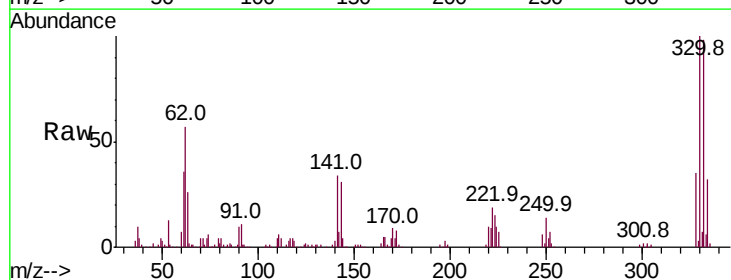
Tgt Ion:330 Resp: 182779

Ion Ratio Lower Upper

330 100

332 98.1 76.9 115.3

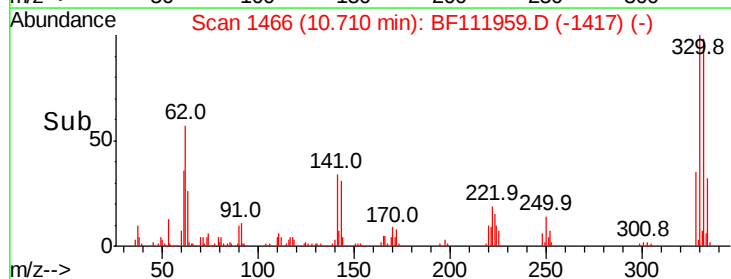
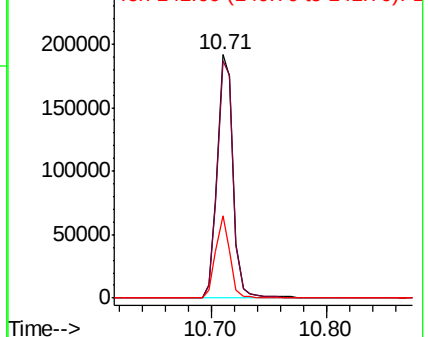
141 30.1 23.7 35.5

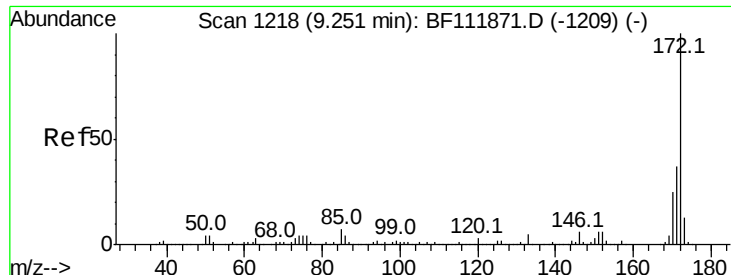


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

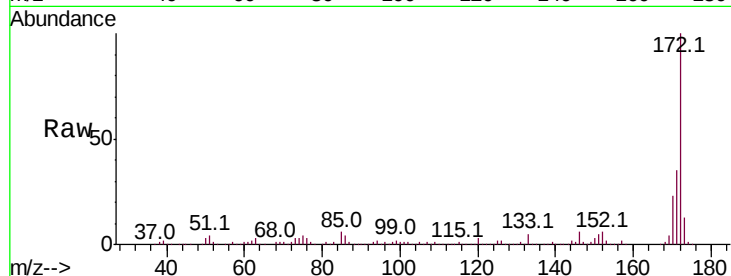




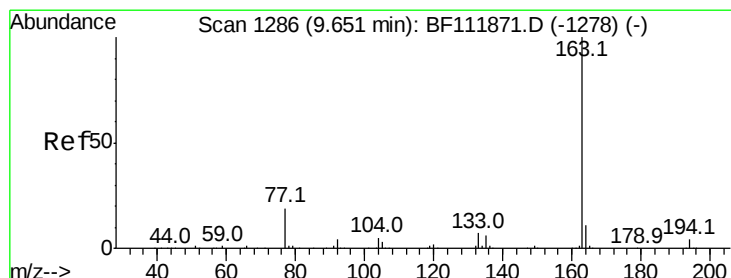
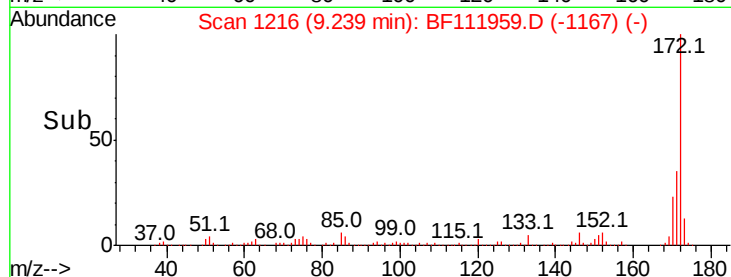
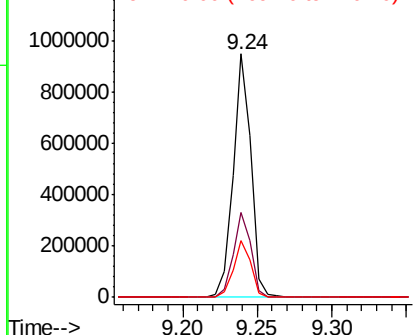
#45
2-Fluorobiphenyl
Concen: 59.614 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 803368
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.5 19.8 29.8

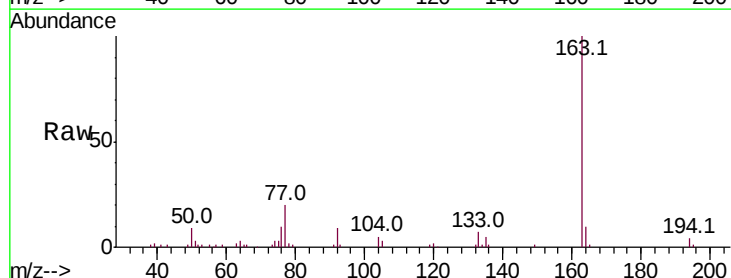


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

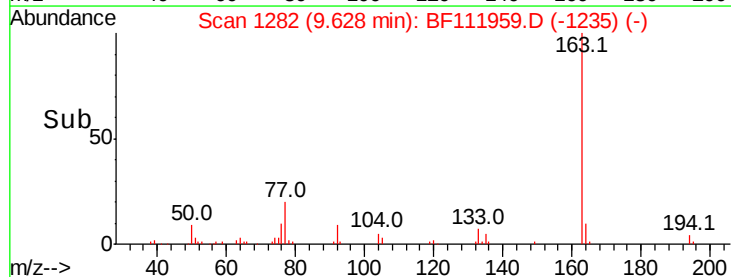
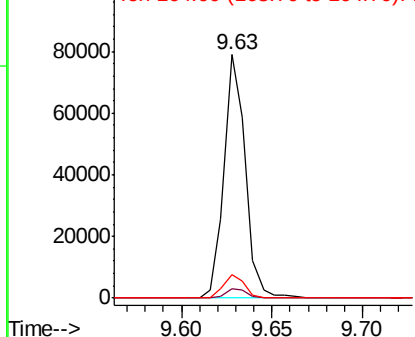


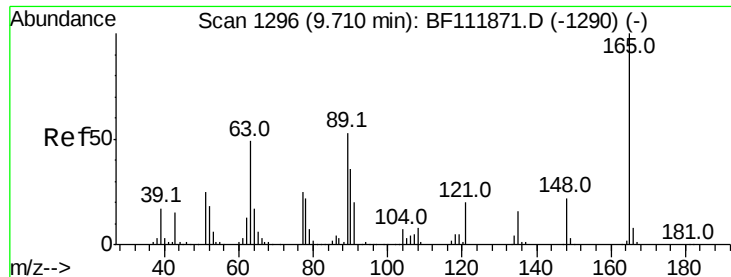
#50
Dimethylphthalate
Concen: 4.385 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:163 Resp: 64732
Ion Ratio Lower Upper
163 100
194 3.8 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





#51

2,6-Dinitrotoluene

Concen: 7.309 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

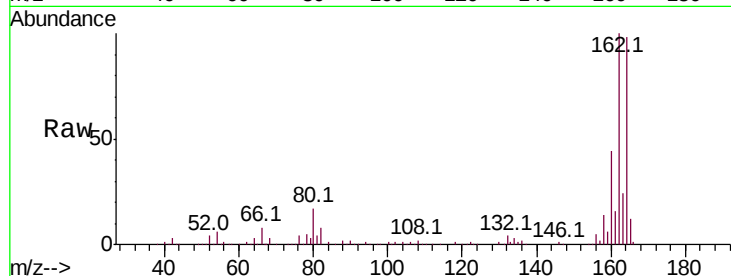
Tot Ion:165 Resp: 24126

Ion Ratio Lower Upper

165 100

63 1.2 46.2 69.2#

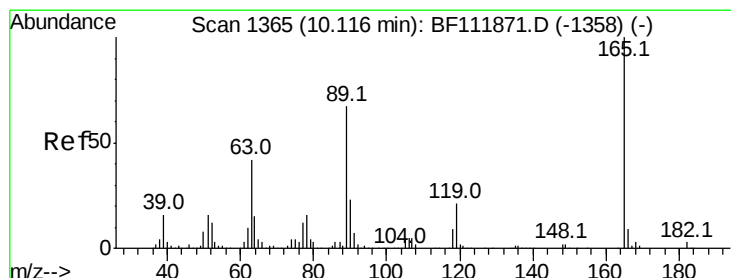
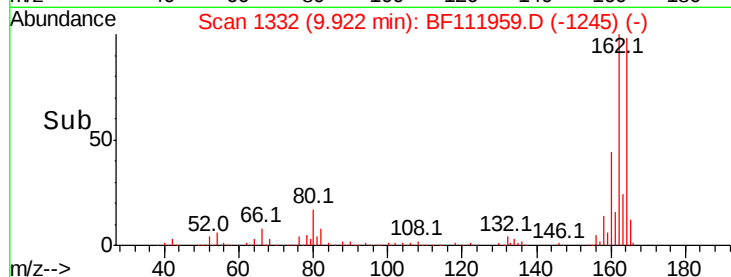
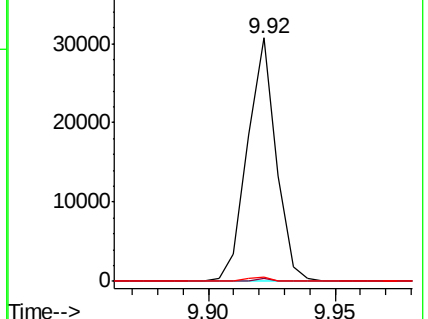
89 1.6 42.2 63.2#



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



#57

2,4-Dinitrotoluene

Concen: 5.656 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

Tgt Ion:165 Resp: 24126

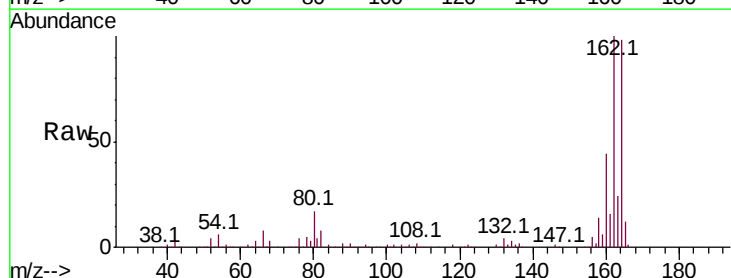
Ion Ratio Lower Upper

165 100

63 1.2 34.1 51.1#

89 1.6 53.5 80.3#

182 0.0 2.0 3.0#

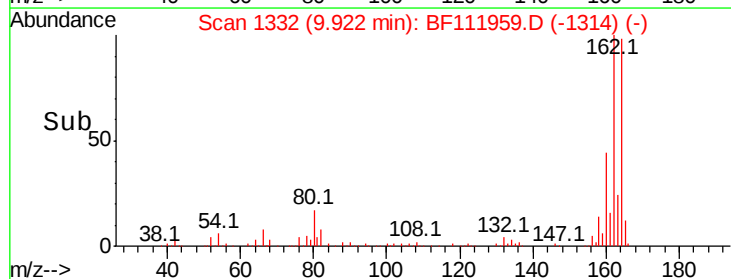
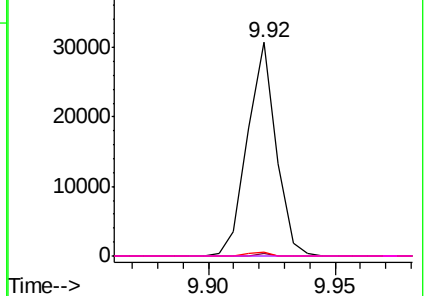


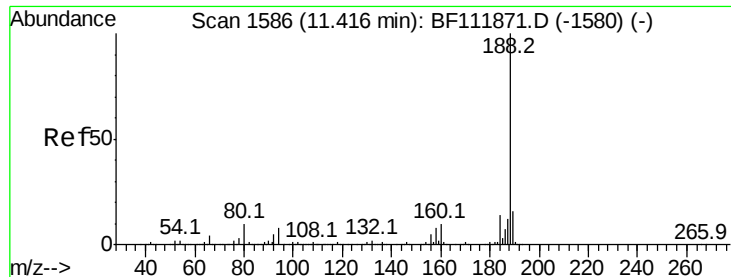
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111959.D

Acq: 9 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

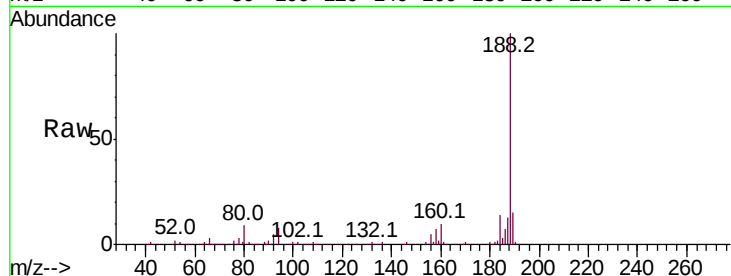
Tot Ion:188 Resp: 335805

Ion Ratio Lower Upper

188 100

94 7.8 6.6 10.0

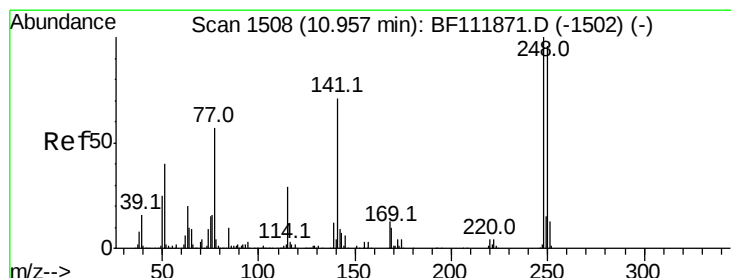
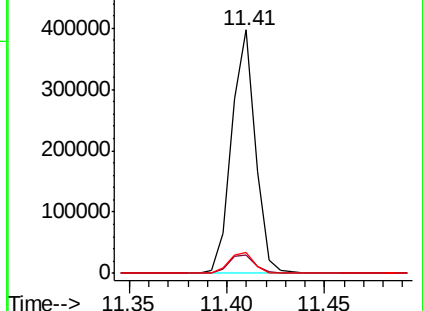
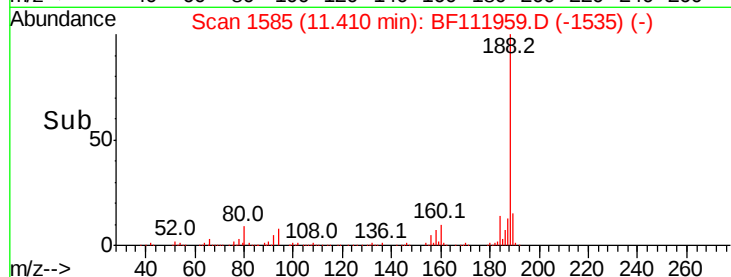
80 8.8 7.7 11.5



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: 2.457 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.25 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

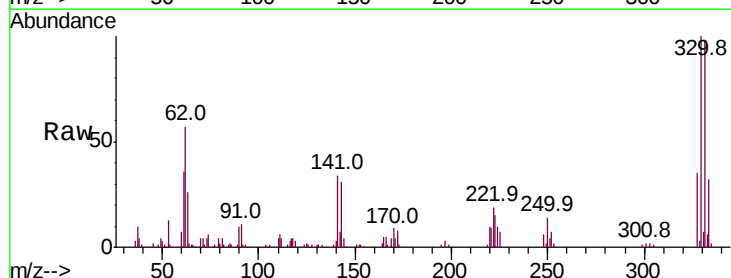
Tgt Ion:248 Resp: 10685

Ion Ratio Lower Upper

248 100

250 218.1 76.8 115.2#

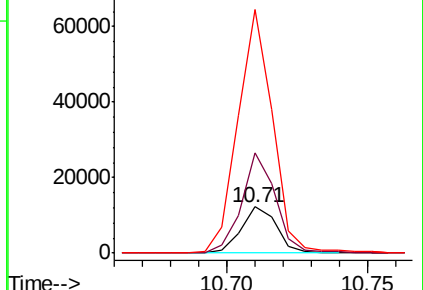
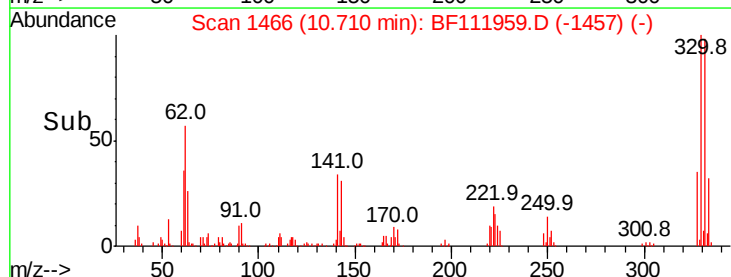
141 530.2 57.0 85.6#

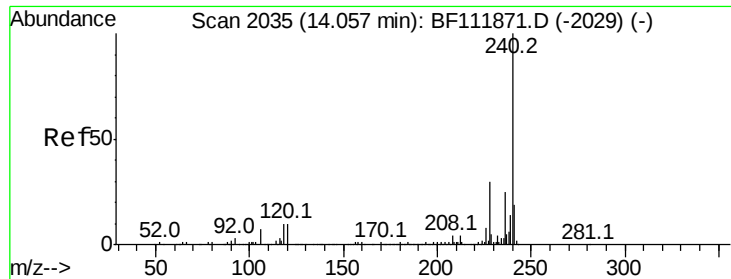


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

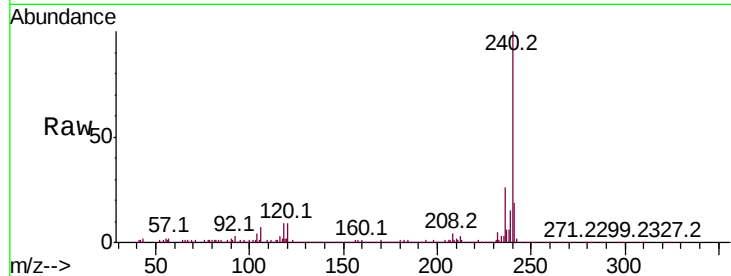




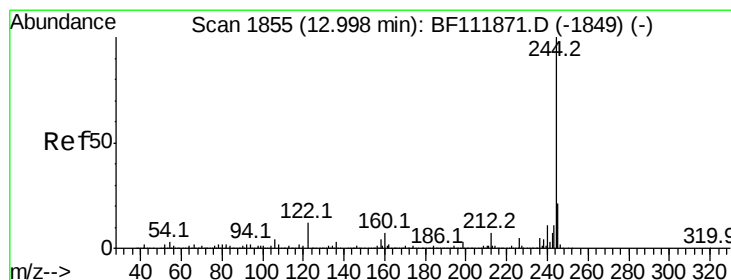
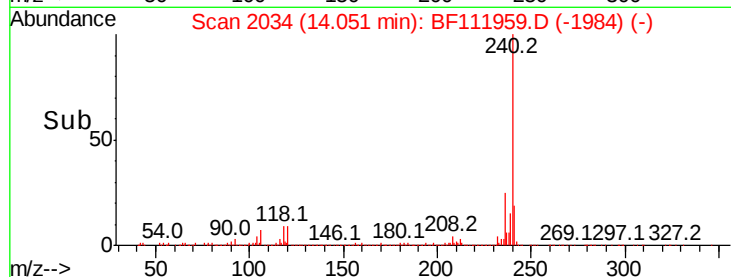
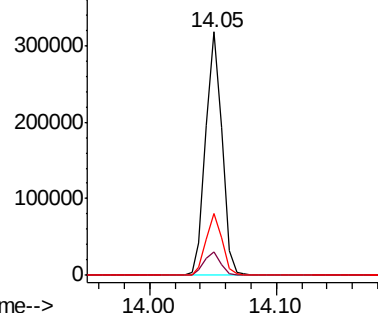
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111959.D
 Acq: 9 Jan 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 281503
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.2 12.2
 236 25.6 20.2 30.4

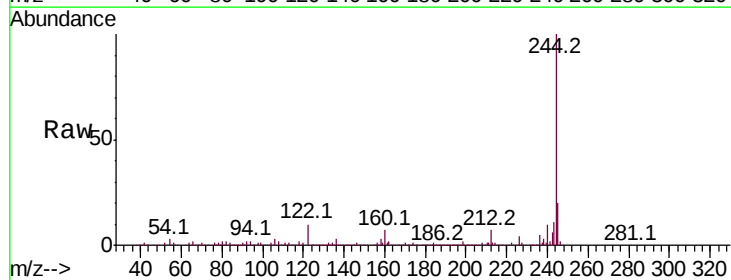


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

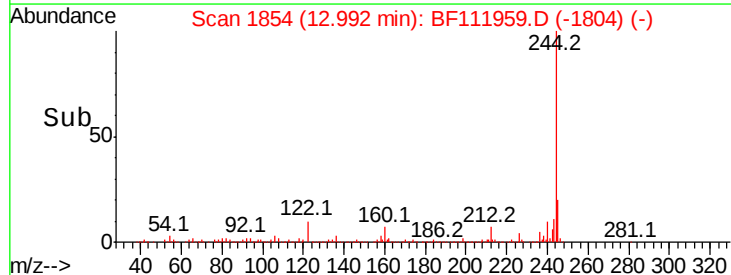
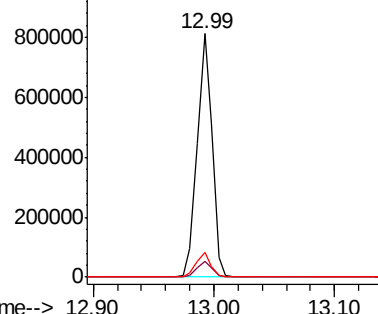


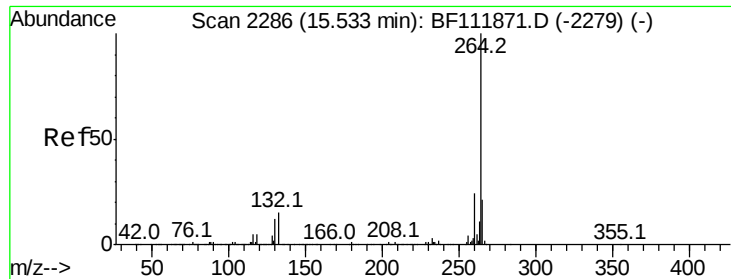
#79
 Terphenyl-d14
 Concen: 46.536 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111959.D
 Acq: 9 Jan 2019 19:43

Tgt Ion:244 Resp: 690127
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.1 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

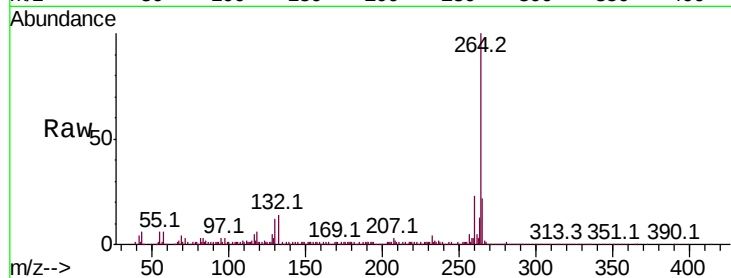




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	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

