

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111956.D
 Acq On : 9 Jan 2019 18:21
 Operator : JU/SJ
 Sample : K1074-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:53:15 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	114376	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	421470	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	198134	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	335033	20.00	ng	0.00
76) Chrysene-d12	14.05	240	284657	20.00	ng	0.00
87) Perylene-d12	15.54	264	210605	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	813790	121.73	ng	0.00
7) Phenol-d6	6.53	99	1035970	120.23	ng	0.00
23) Nitrobenzene-d5	7.45	82	616919	78.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	263467	102.23	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1001484	73.71	ng	-0.01
79) Terphenyl-d14	13.00	244	822098	54.82	ng	0.00

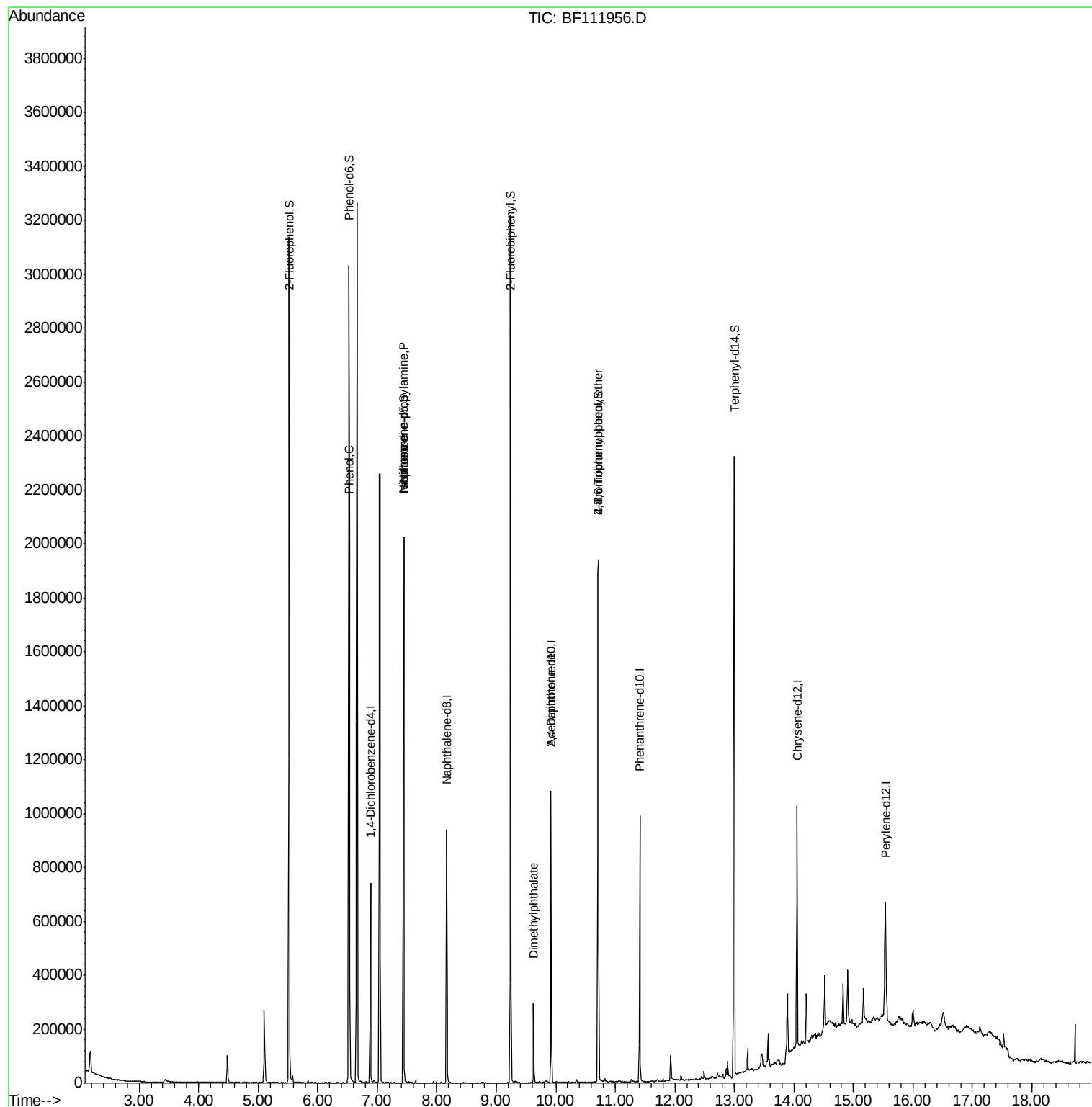
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2090	Below Cal	#	1
10) Phenol	6.54	94	43987	4.697	ng	# 75
19) n-Nitroso-di-n-propylamine	7.45	70	84193	15.038	ng	# 76
25) Isophorone	7.45	82	614549	48.125	ng	# 65
50) Dimethylphthalate	9.63	163	112000	7.525	ng	99
57) 2,4-Dinitrotoluene	9.92	165	24976	5.807	ng	# 27
67) 4-Bromophenyl-phenylether	10.72	248	16200	3.733	ng	# 1

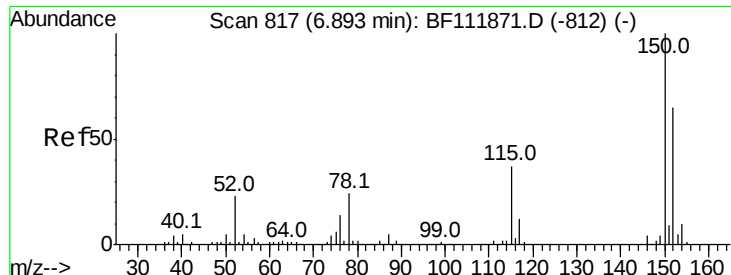
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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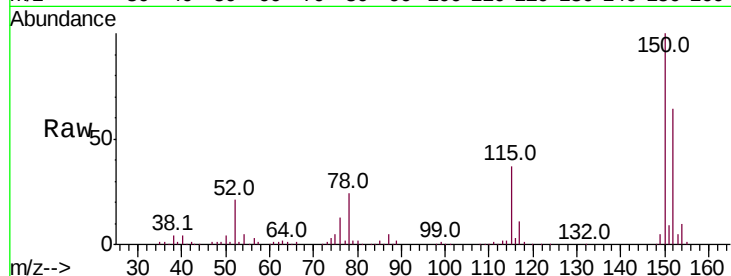


#1

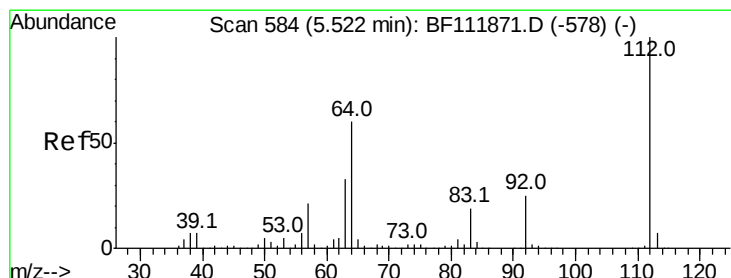
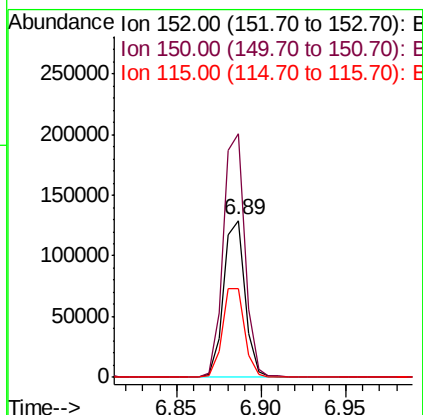
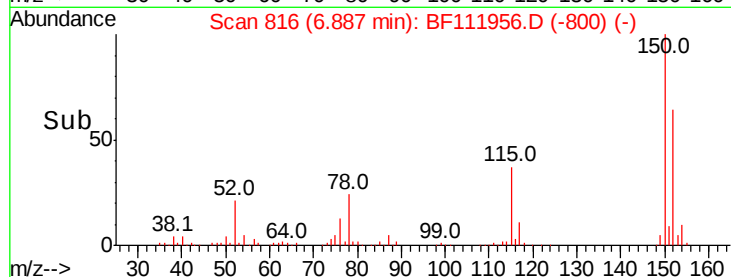
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111956.D
Acq: 9 Jan 2019 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114376
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 57.0 45.2 67.8



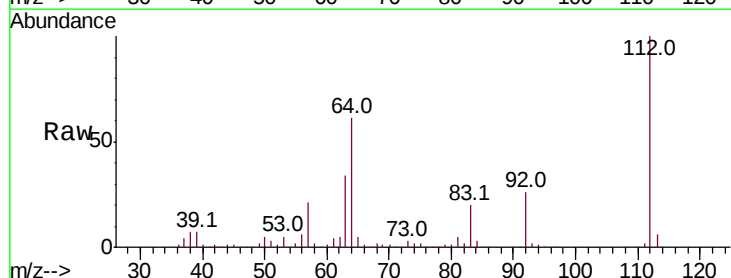
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



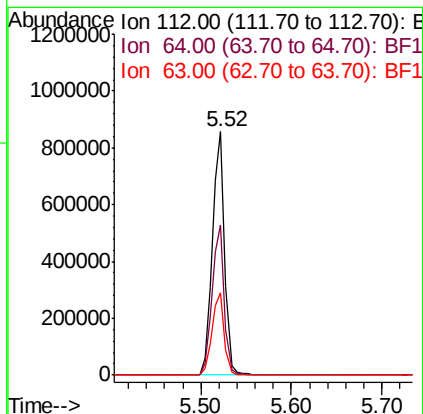
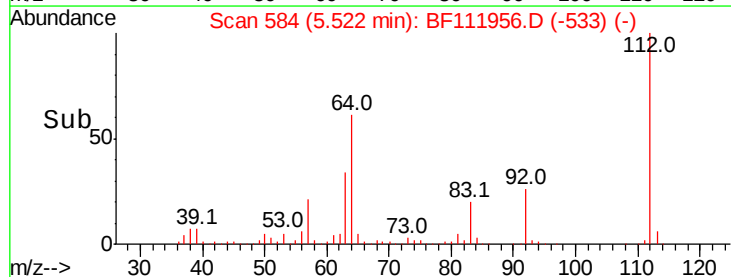
#5

2-Fluorophenol
Concen: 121.725 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111956.D
Acq: 9 Jan 2019 18:21

Tgt Ion:112 Resp: 813790
Ion Ratio Lower Upper
112 100
64 61.5 48.3 72.5
63 33.8 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: 120.227 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111956.D

Acq: 9 Jan 2019 18:21

Instrument :

BNA_F

ClientSampled :

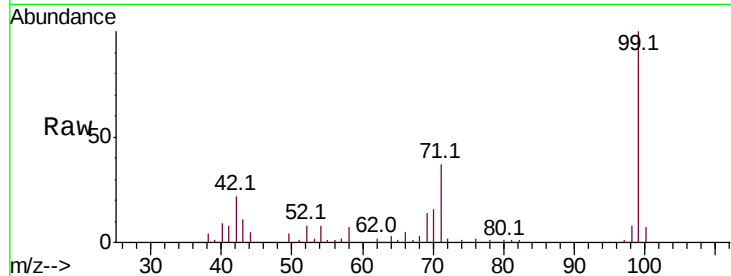
Tot Ion: 99 Resp: 1035970

Ion Ratio Lower Upper

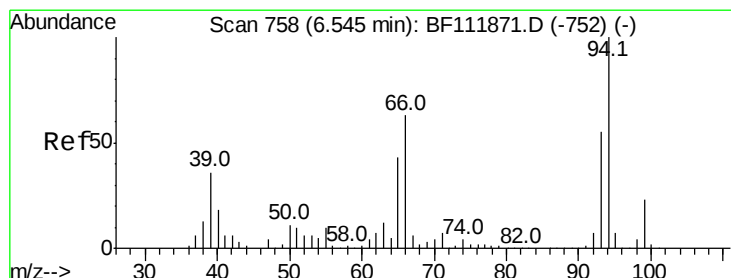
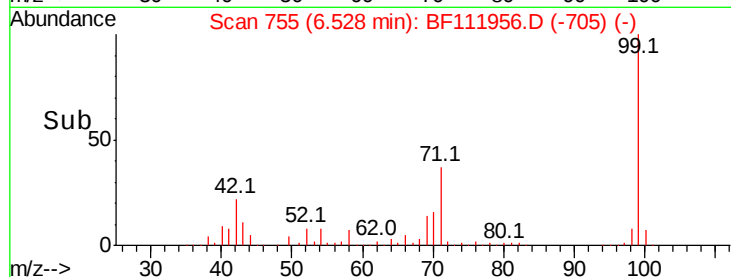
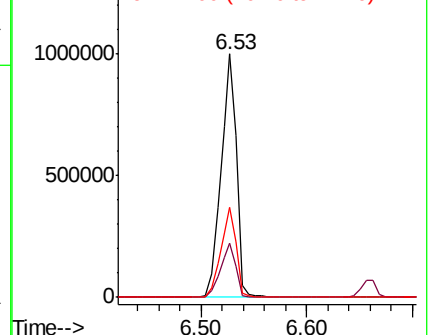
99 100

42 22.5 17.9 26.9

71 37.0 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: 4.697 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111956.D

Acq: 9 Jan 2019 18:21

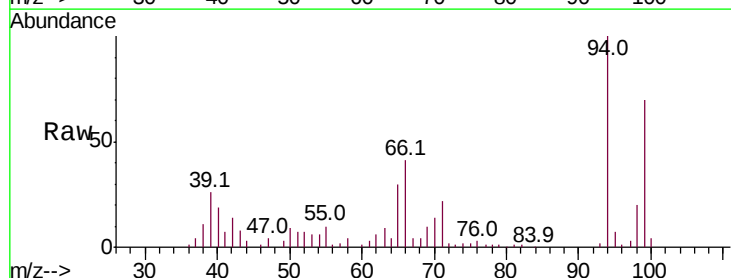
Tgt Ion: 94 Resp: 43987

Ion Ratio Lower Upper

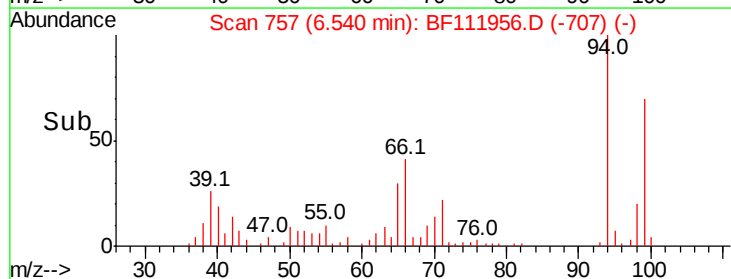
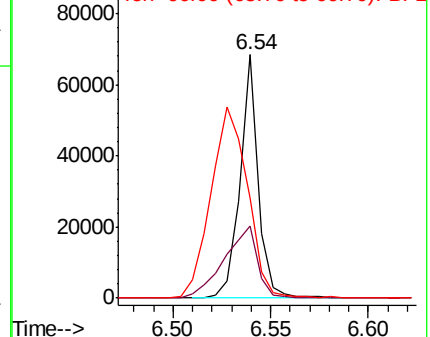
94 100

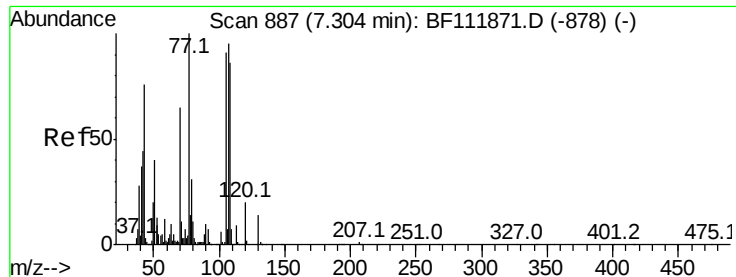
65 29.7 22.8 62.8

66 41.2 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: 15.038 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111956.D

Acq: 9 Jan 2019 18:21

Instrument :

BNA_F

ClientSampleId :

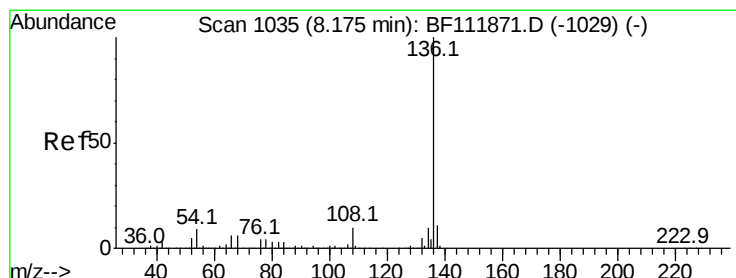
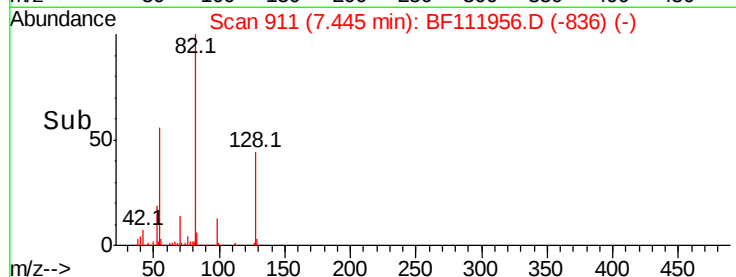
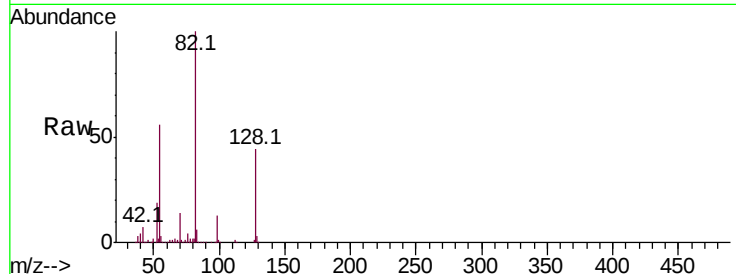
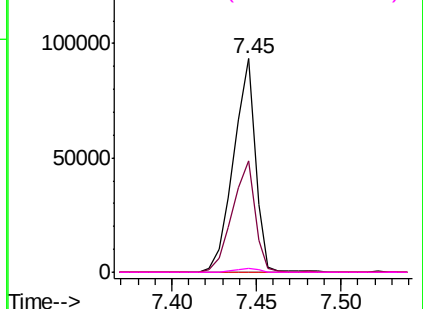
Tot Ion:	70	Resp:	84193
Ion	Ratio	Lower	Upper
70	100		
42	52.4	53.6	80.4#
101	0.0	7.3	10.9#
130	1.9	16.8	25.2#

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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111956.D

Acq: 9 Jan 2019 18:21

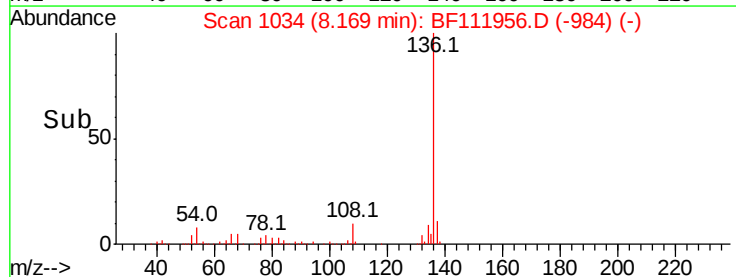
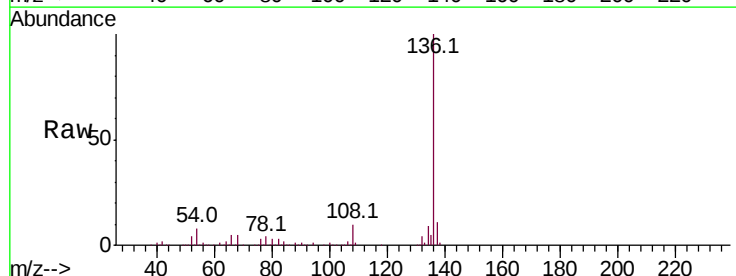
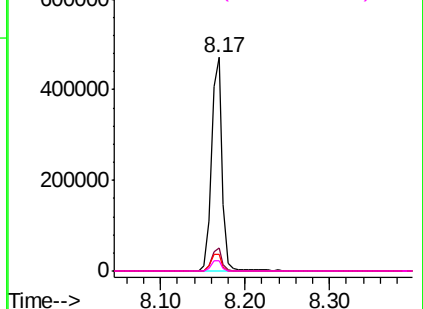
Tgt Ion:	136	Resp:	421470
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.0	7.2	10.8
68	4.8	4.4	6.6

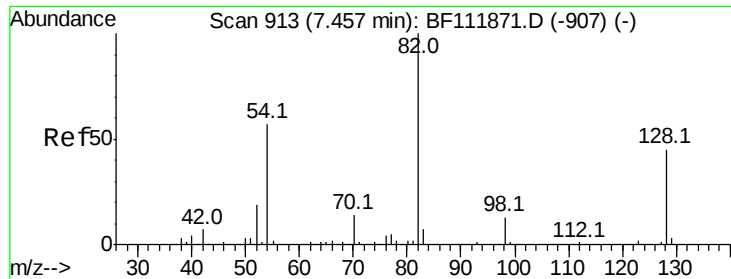
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

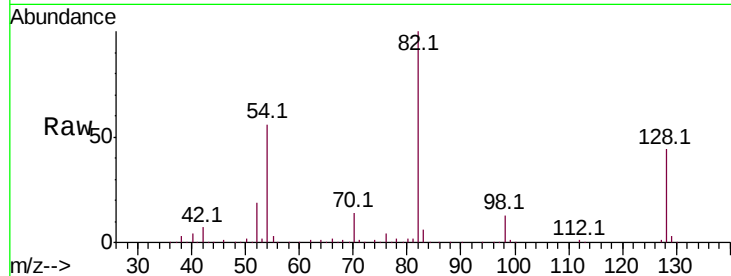




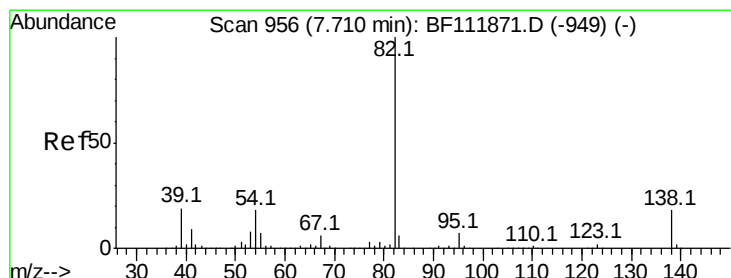
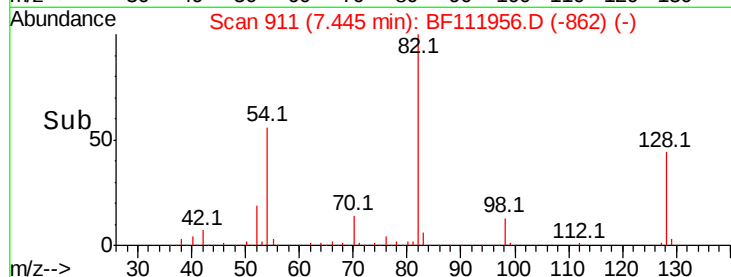
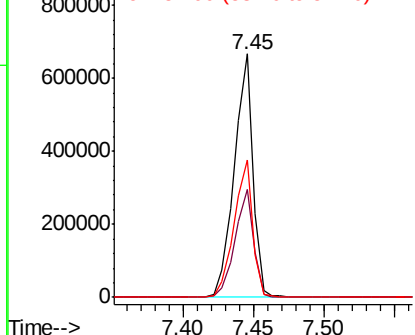
#23
Nitrobenzene-d5
Concen: 78.230 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111956.D
Acq: 9 Jan 2019 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 616919
Ion Ratio Lower Upper
82 100
128 44.4 35.7 53.5
54 56.4 45.8 68.8

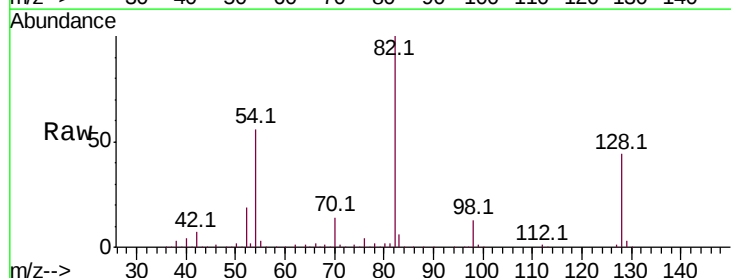


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

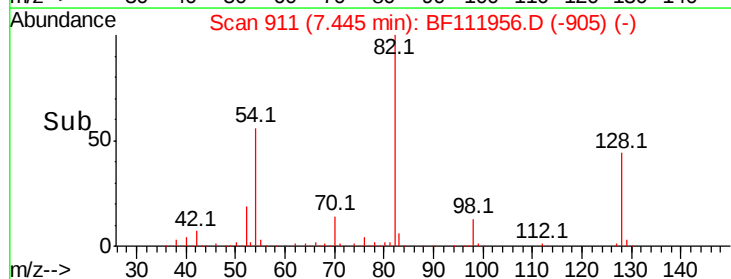
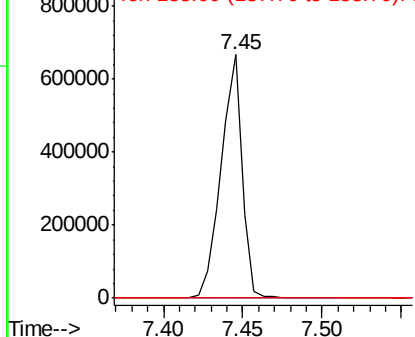


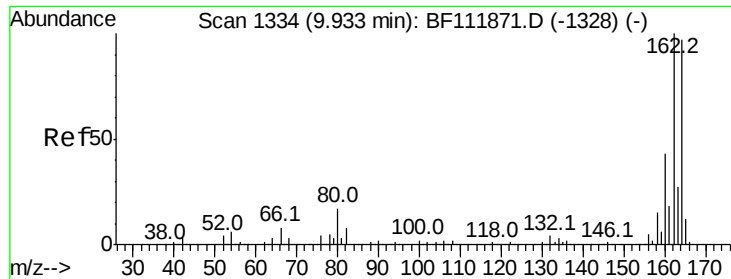
#25
Isophorone
Concen: 48.125 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111956.D
Acq: 9 Jan 2019 18:21

Tgt Ion: 82 Resp: 614549
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

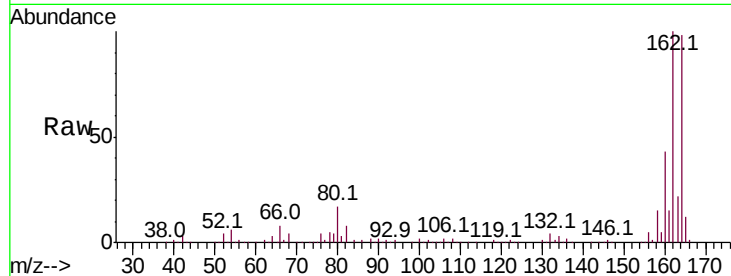




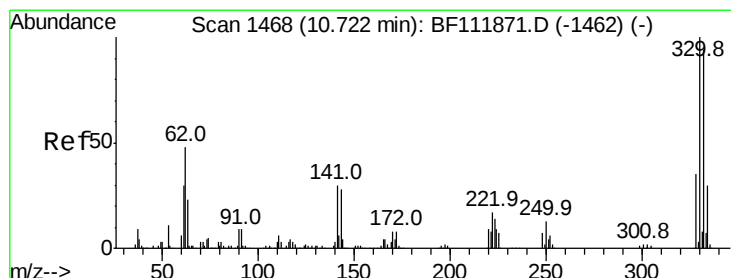
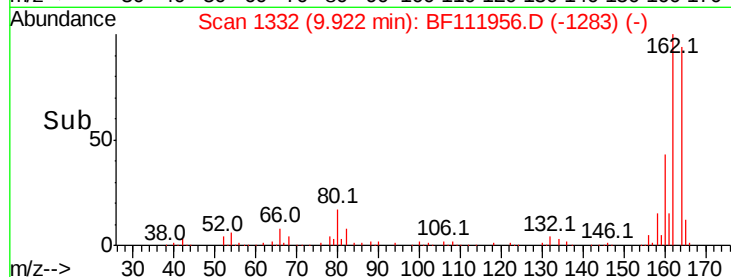
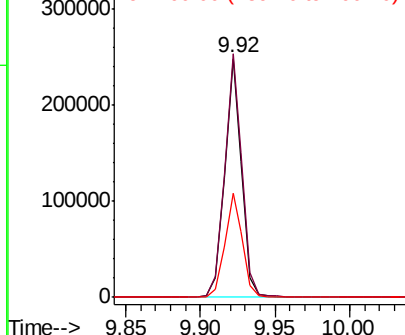
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111956.D
Acq: 9 Jan 2019 18:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 198134
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 43.5 35.5 53.3

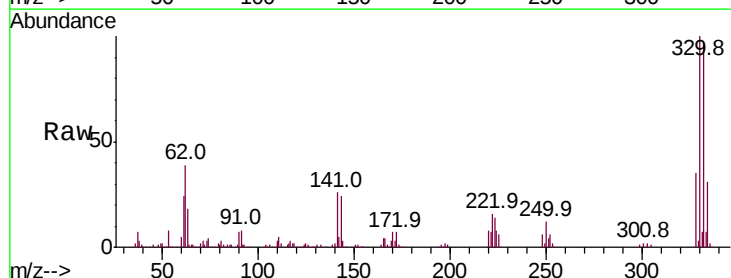


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

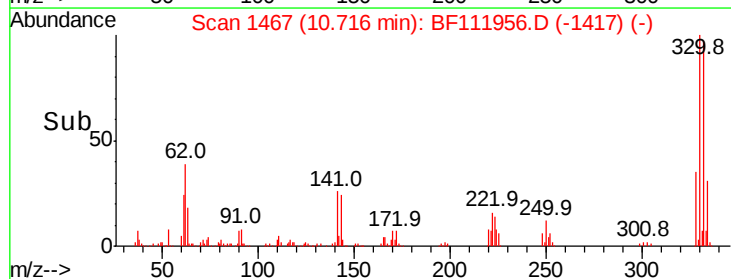
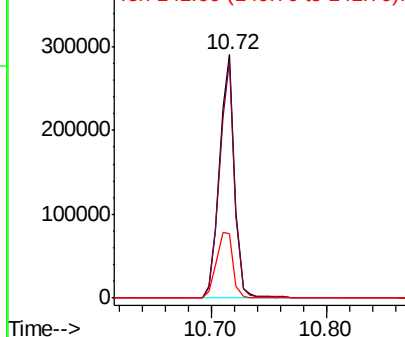


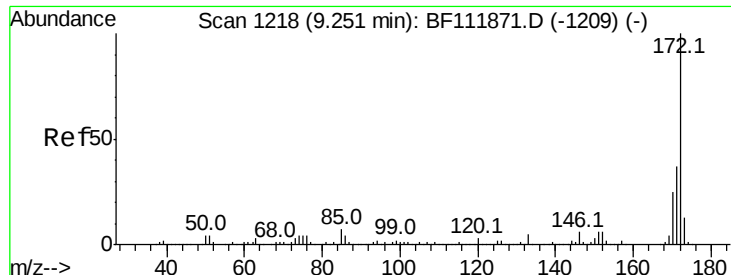
#42
2,4,6-Tribromophenol
Concen: 102.233 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111956.D
Acq: 9 Jan 2019 18:21

Tgt Ion:330 Resp: 263467
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

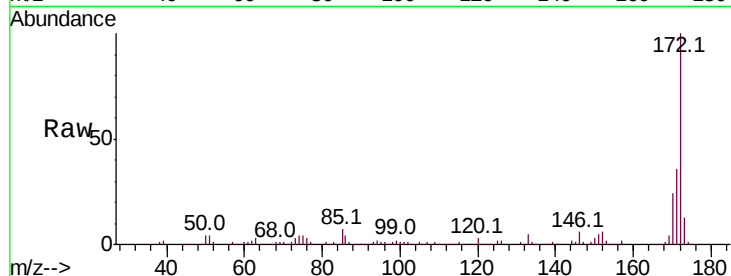




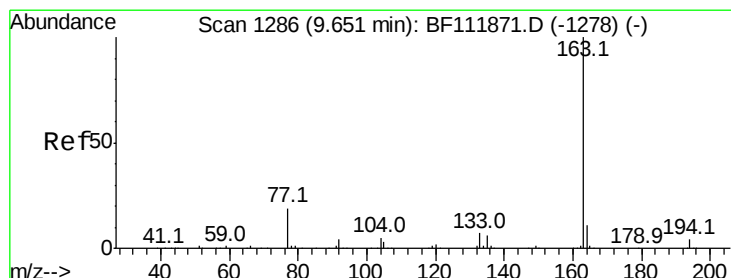
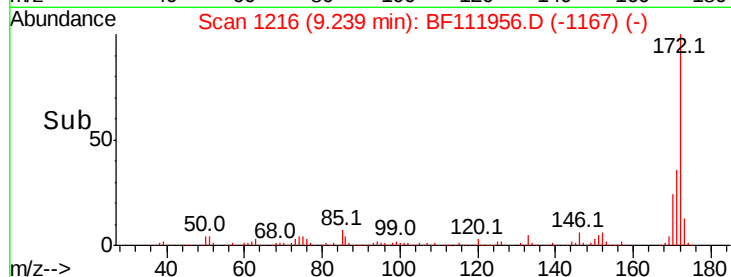
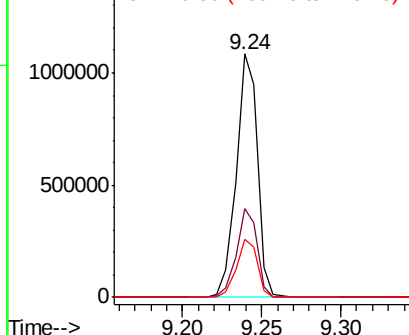
#45
2-Fluorobiphenyl
Concen: 73.706 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111956.D
Acq: 9 Jan 2019 18:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1001484
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.7 19.8 29.8

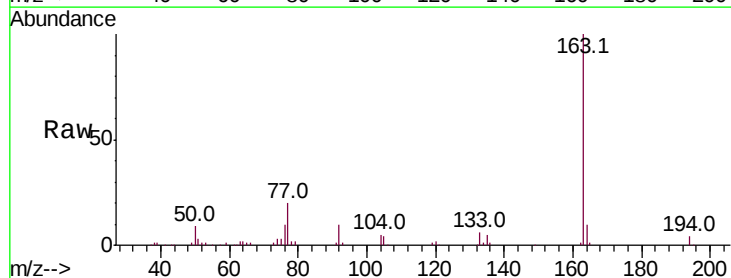


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

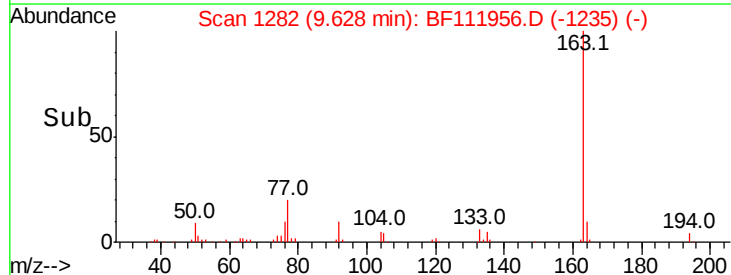
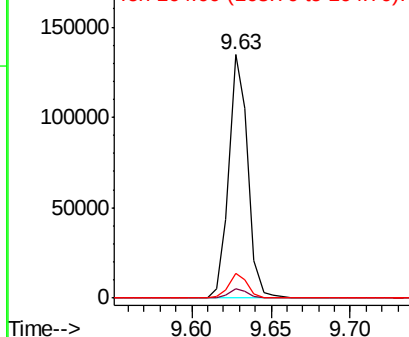


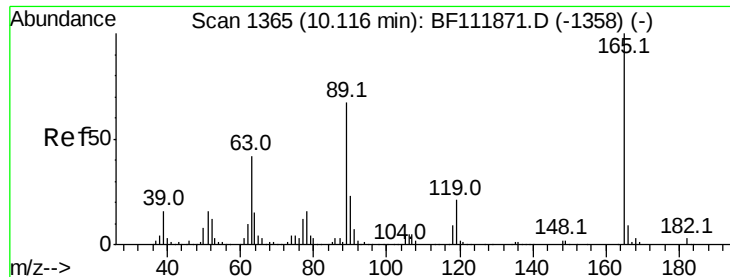
#50
Dimethylphthalate
Concen: 7.525 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111956.D
Acq: 9 Jan 2019 18:21

Tgt Ion:163 Resp: 112000
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.2 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

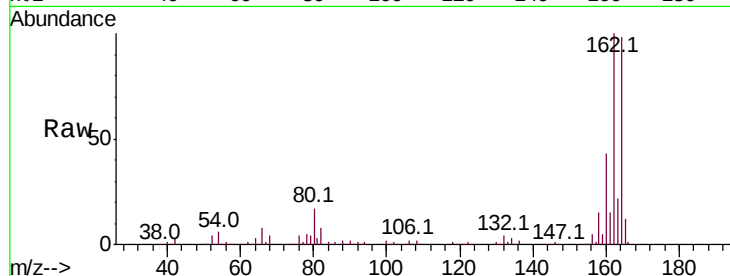




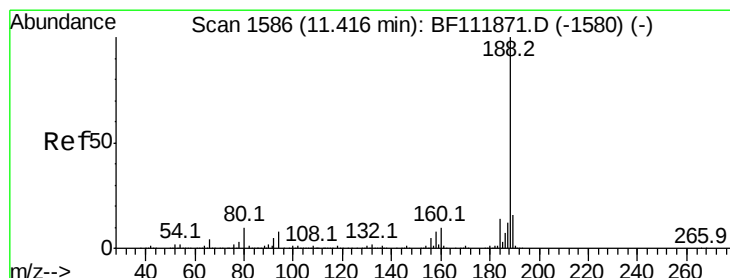
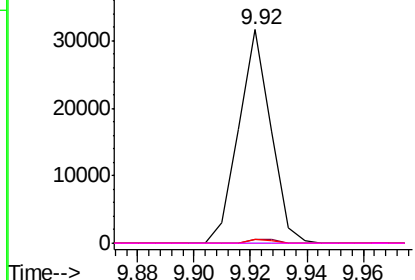
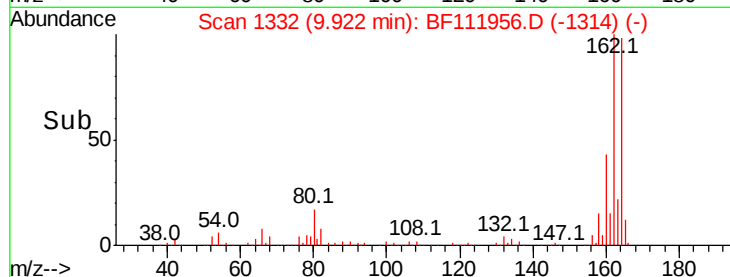
#57
 2,4-Dinitrotoluene
 Concen: 5.807 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111956.D
 Acq: 9 Jan 2019 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24976
 Ion Ratio Lower Upper
 165 100
 63 1.7 34.1 51.1#
 89 1.5 53.5 80.3#
 182 0.0 2.0 3.0#

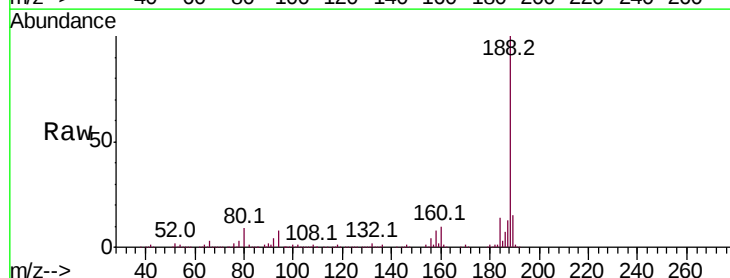


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

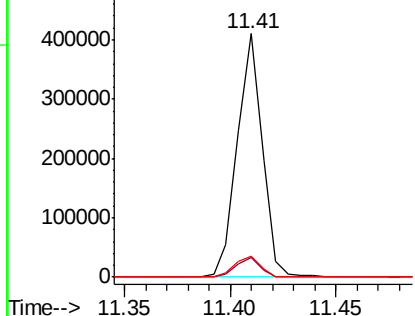
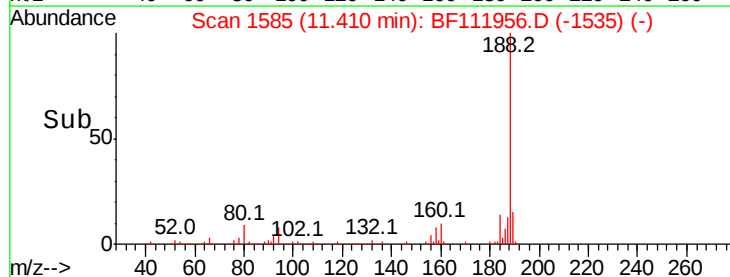


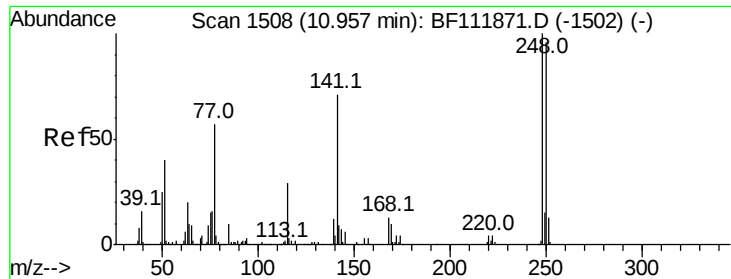
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111956.D
 Acq: 9 Jan 2019 18:21

Tgt Ion:188 Resp: 335033
 Ion Ratio Lower Upper
 188 100
 94 7.9 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

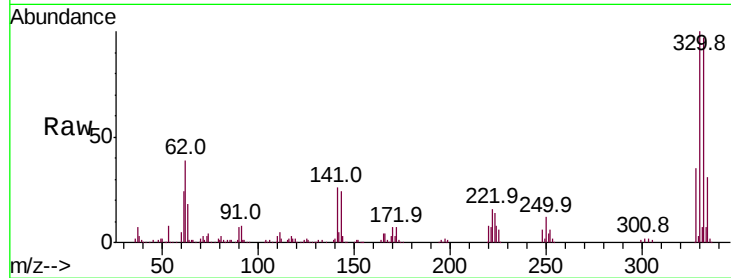




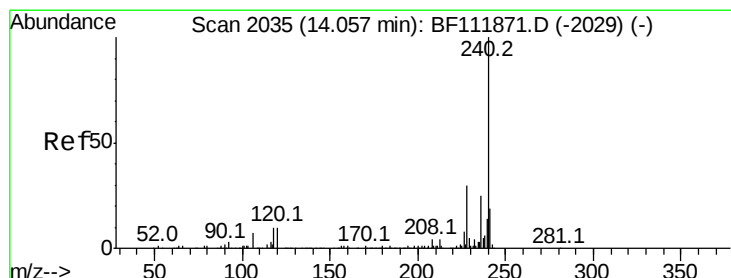
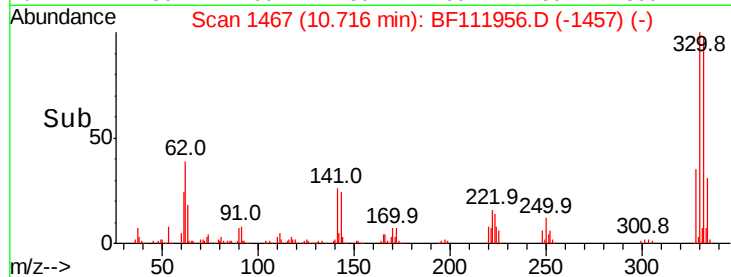
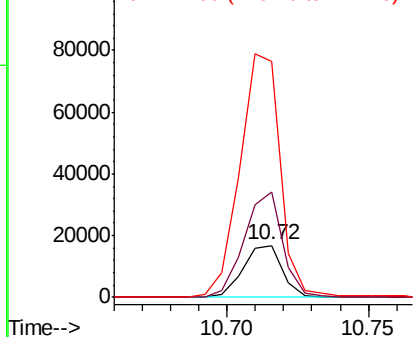
#67
 4-Bromophenyl-phenylether
 Concen: 3.733 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.24 min
 Lab File: BF111956.D
 Acq: 9 Jan 2019 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16200
 Ion Ratio Lower Upper
 248 100
 250 204.6 76.8 115.2#
 141 456.7 57.0 85.6#

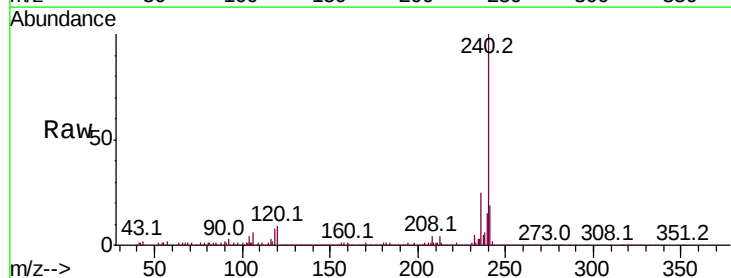


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

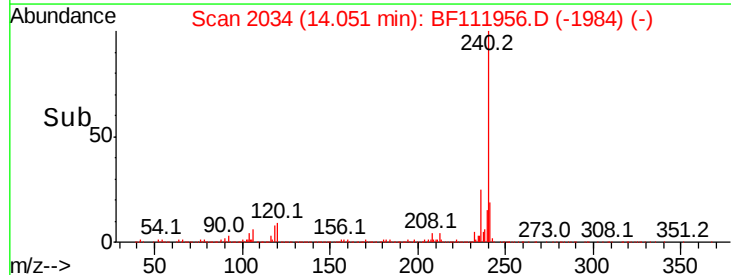
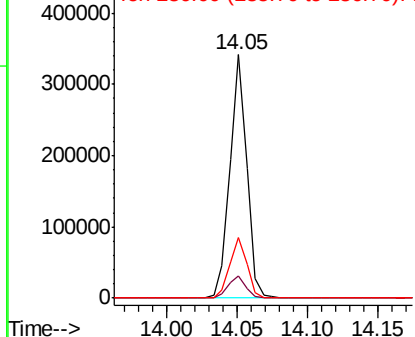


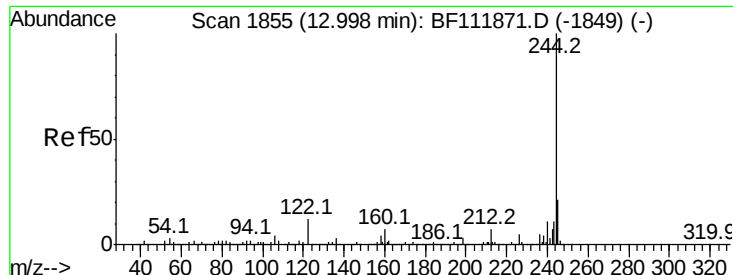
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111956.D
 Acq: 9 Jan 2019 18:21

Tgt Ion:240 Resp: 284657
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.2 12.2
 236 25.1 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

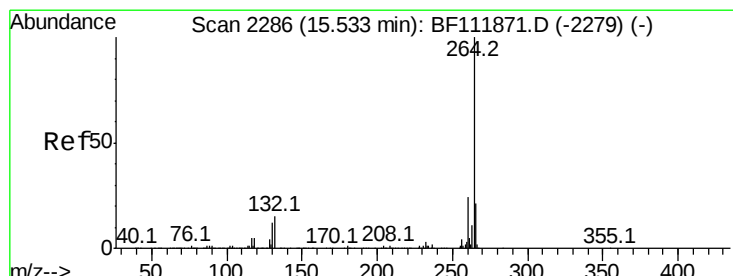
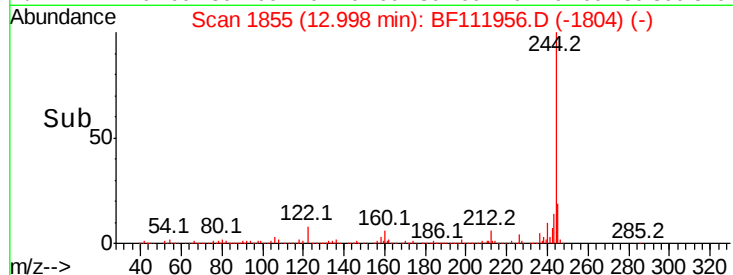
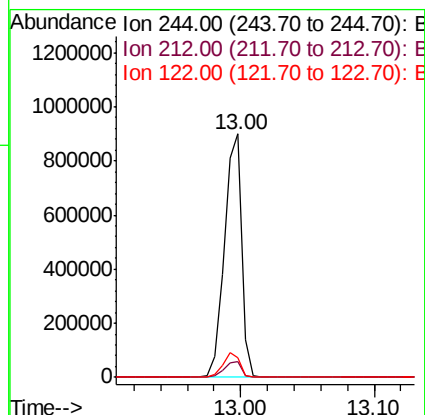
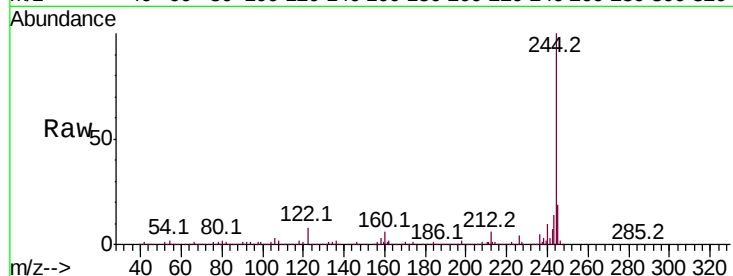




#79
 Terphenyl-d14
 Concen: 54.821 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111956.D
 Acq: 9 Jan 2019 18:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	8.3	9.5	14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF111956.D
 Acq: 9 Jan 2019 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.6	17.1	25.7

