

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111839.D
 Acq On : 3 Jan 2019 23:32
 Operator : JU/SJ
 Sample : K1019-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:35:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	268448	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	997188	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	459314	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	680921	20.00	ng	0.01
76) Chrysene-d12	14.07	240	511152	20.00	ng	0.02
87) Perylene-d12	15.56	264	343447	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1664078	105.66	ng	0.03
7) Phenol-d6	6.55	99	2202738	109.90	ng	0.03
23) Nitrobenzene-d5	7.46	82	1368699	79.89	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	446581	82.29	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2416034	76.67	ng	0.00
79) Terphenyl-d14	13.01	244	1849962	68.64	ng	0.01

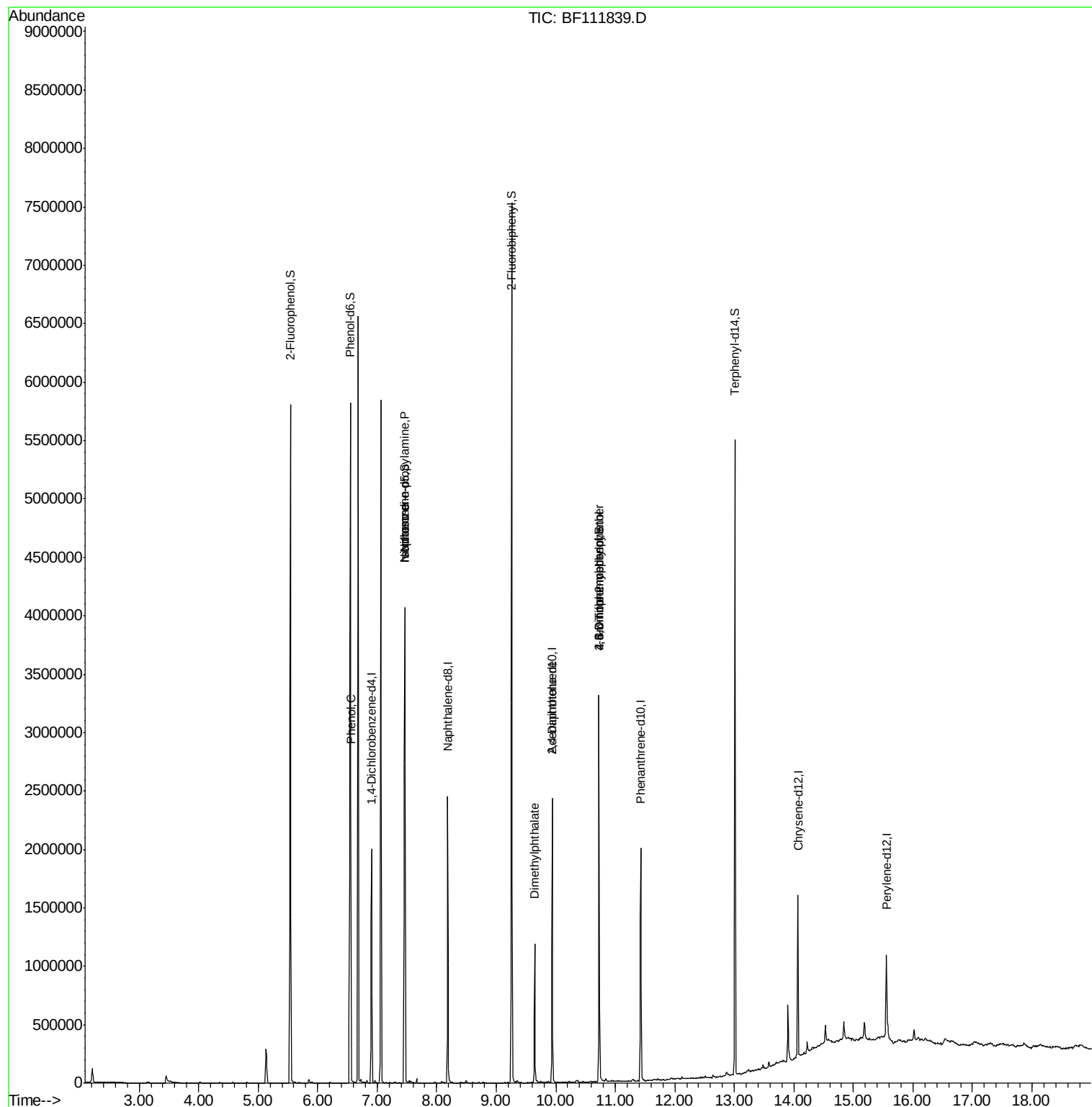
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	106963	4.730	ng	90
19) n-Nitroso-di-n-propylamine	7.46	70	186027	13.976	ng	# 76
25) Isophorone	7.46	82	1363498	44.832	ng	# 64
50) Dimethylphthalate	9.65	163	468062	13.935	ng	97
57) 2,4-Dinitrotoluene	9.94	165	58719	7.295	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	731	6.916	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	26221	3.105	ng	# 1

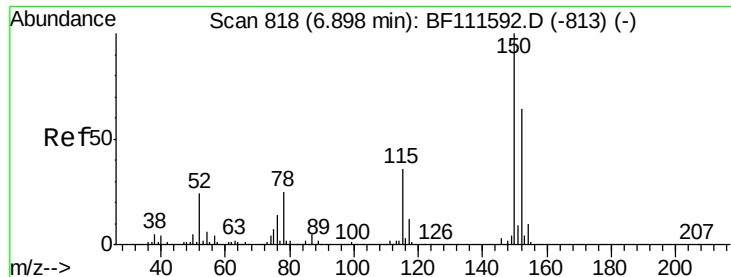
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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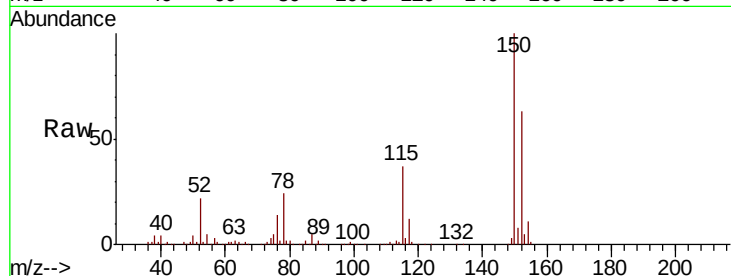


#1

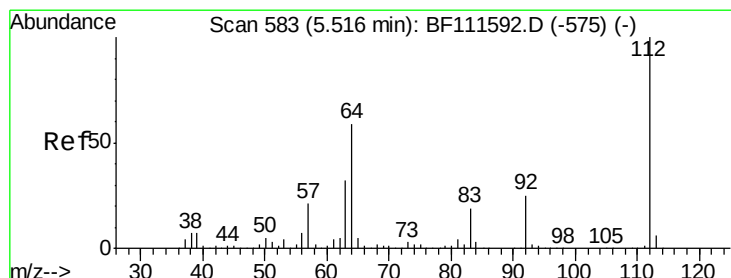
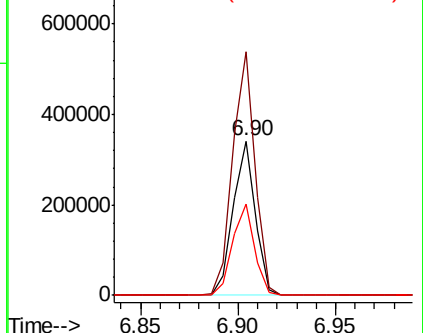
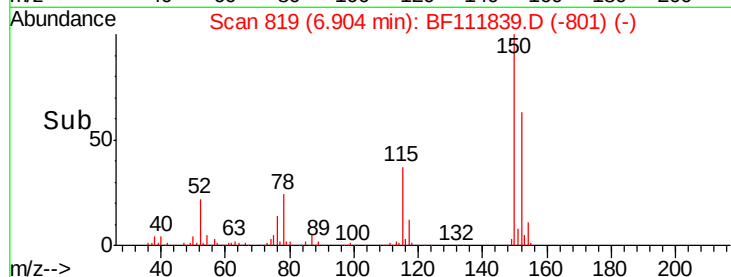
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 268448
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 58.8 50.7 76.1



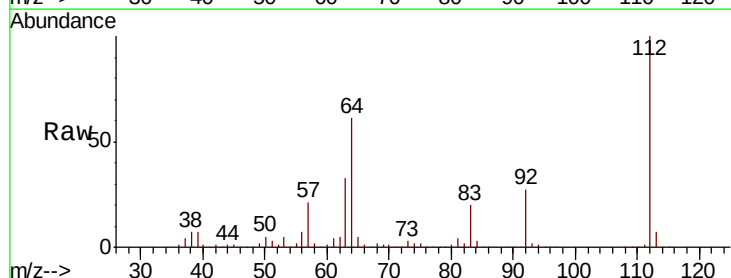
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



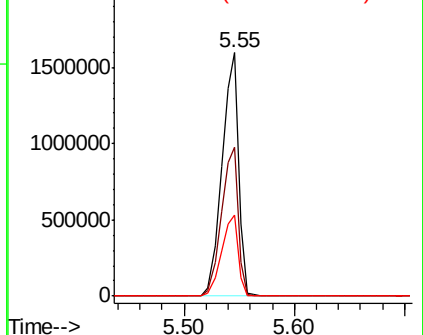
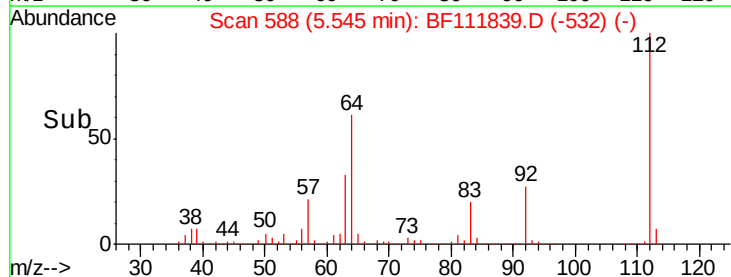
#5

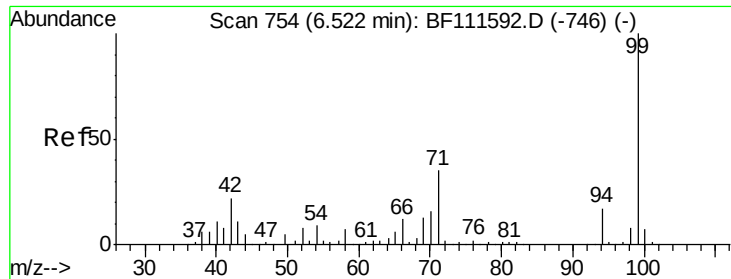
2-Fluorophenol
Concen: 105.662 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Tgt Ion:112 Resp: 1664078
Ion Ratio Lower Upper
112 100
64 61.4 51.8 77.6
63 33.4 26.8 40.2



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: 109.900 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

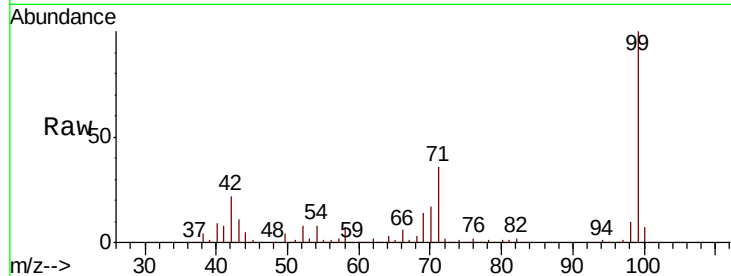
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2202738

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	36.3	26.1	39.1

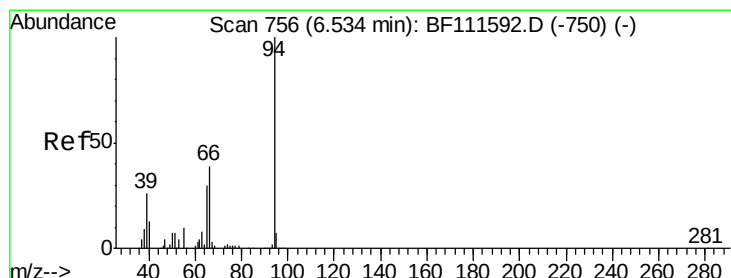
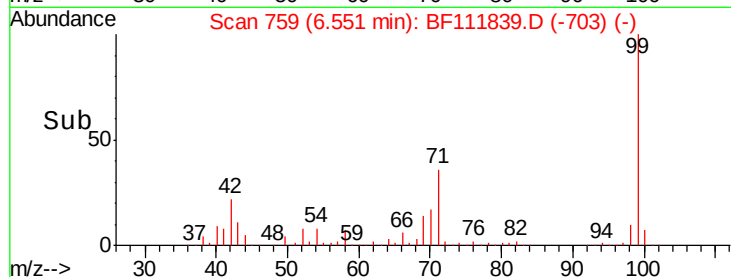
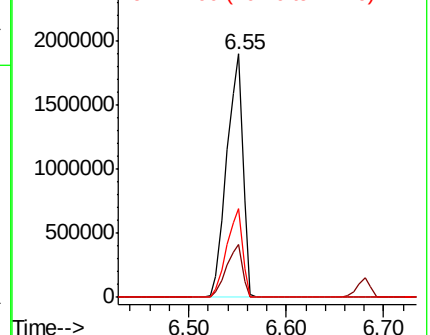


Abundance

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: 4.730 ng

RT: 6.56 min Scan# 761

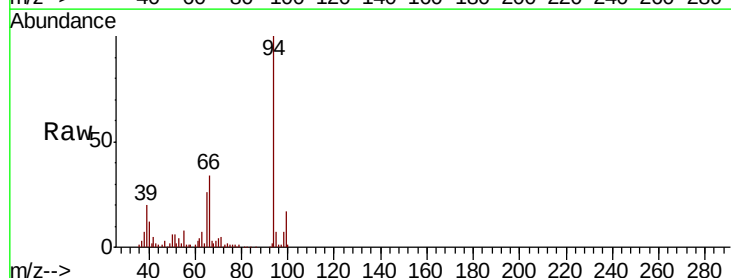
Delta R.T. 0.03 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Tgt Ion: 94 Resp: 106963

Ion	Ratio	Lower	Upper
94	100		
65	26.5	11.7	51.7
66	34.1	21.0	61.0

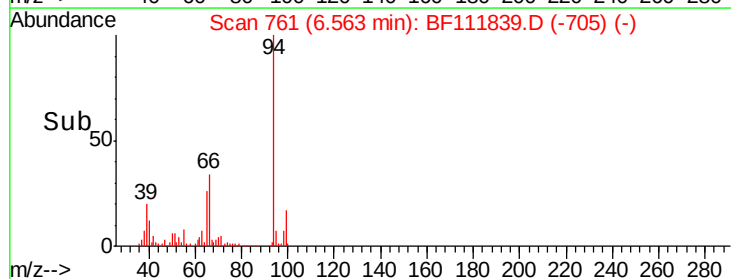
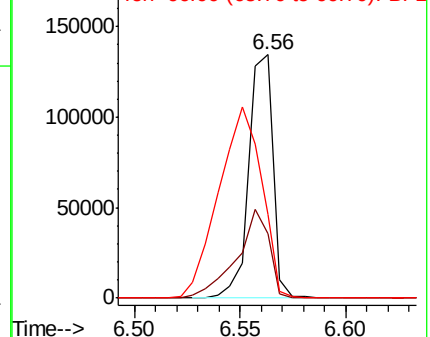


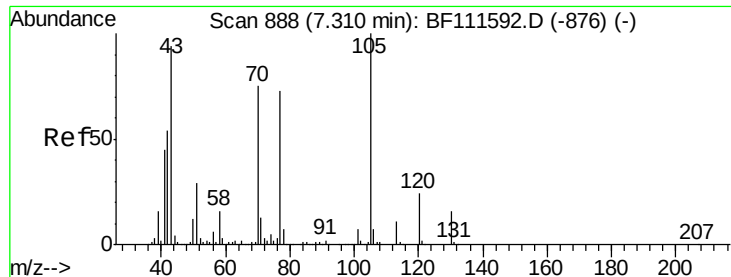
Abundance

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: 13.976 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 186027

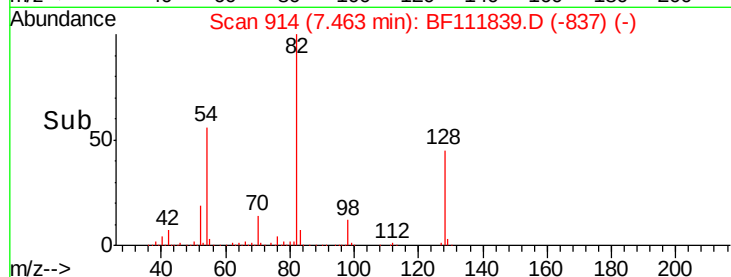
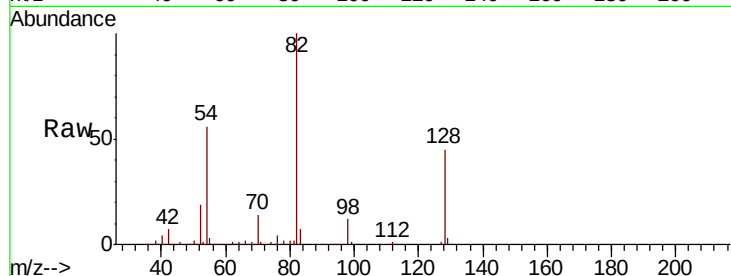
Ion Ratio Lower Upper

70 100

42 53.0 53.2 79.8#

101 0.0 8.2 12.4#

130 2.3 18.1 27.1#

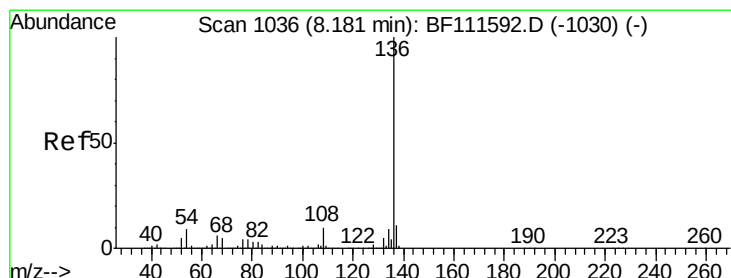
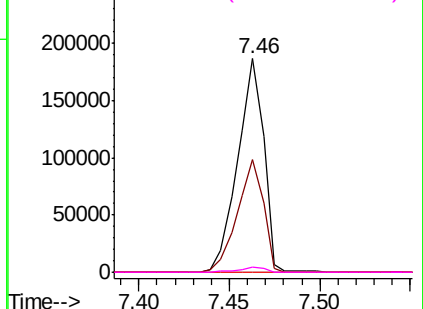


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Tgt Ion: 136 Resp: 997188

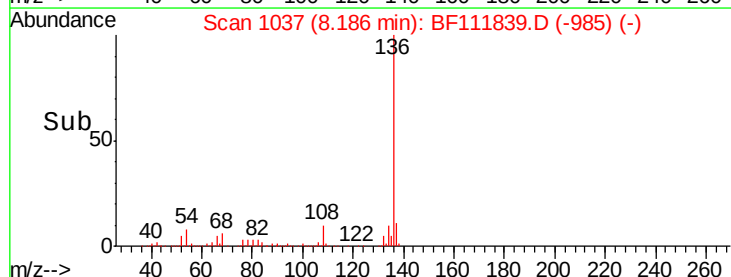
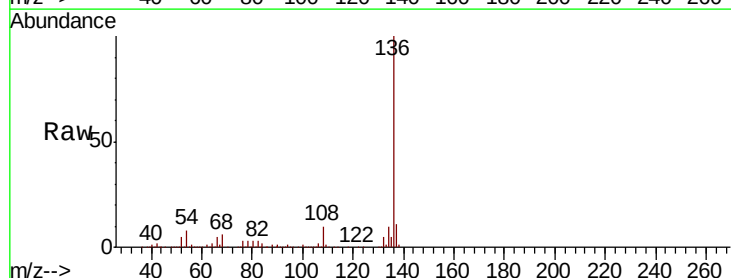
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.3 7.7 11.5

68 5.7 4.9 7.3

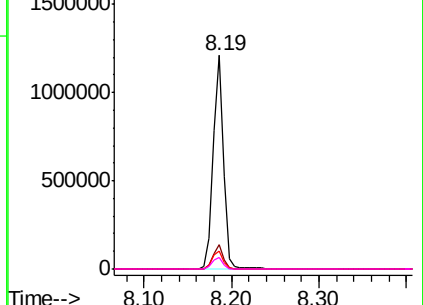


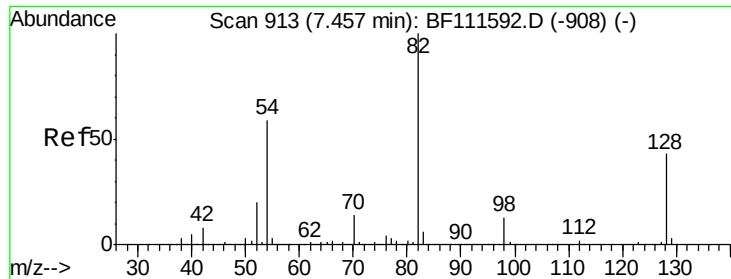
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

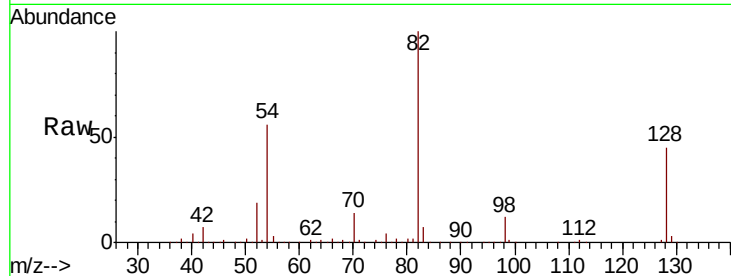




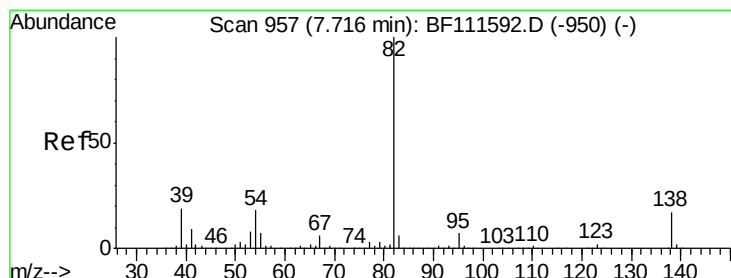
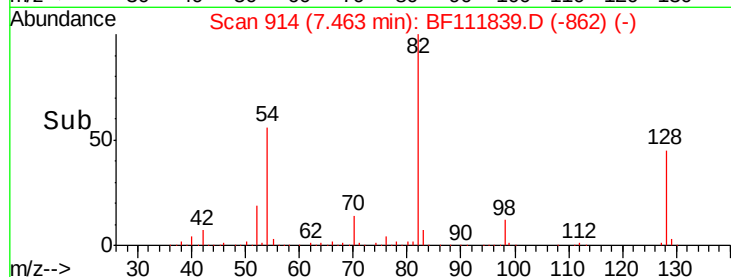
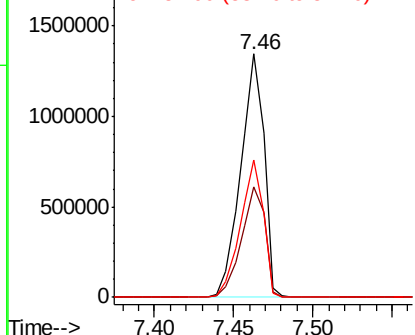
#23
Nitrobenzene-d5
Concen: 79.894 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1368699
Ion Ratio Lower Upper
82 100
128 45.2 37.4 56.2
54 56.5 47.6 71.4

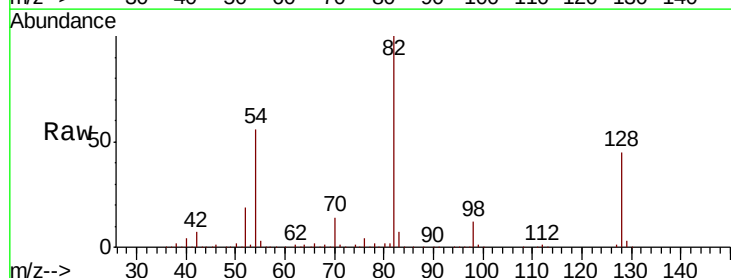


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

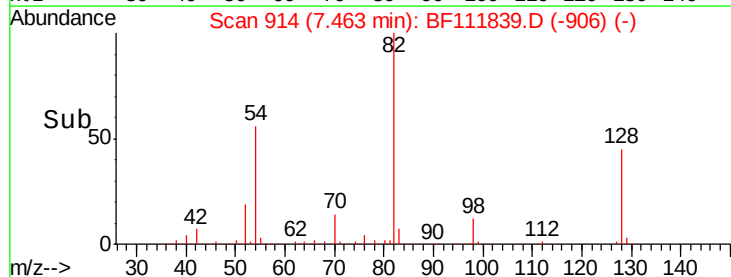
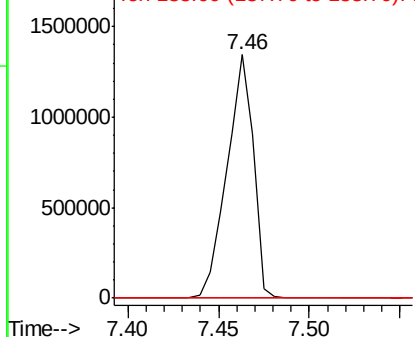


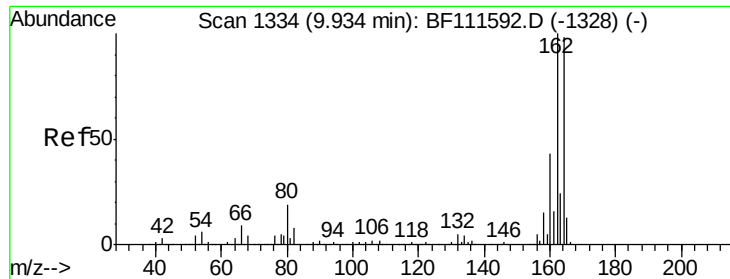
#25
Isophorone
Concen: 44.832 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Tgt Ion: 82 Resp: 1363498
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



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

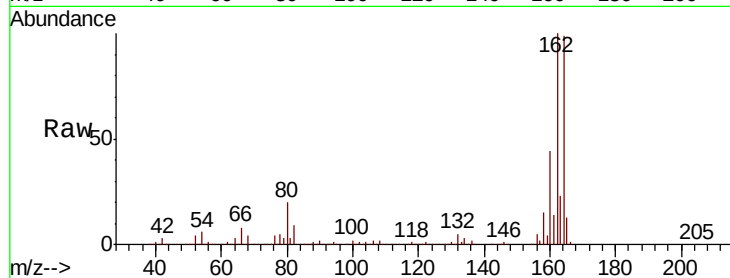




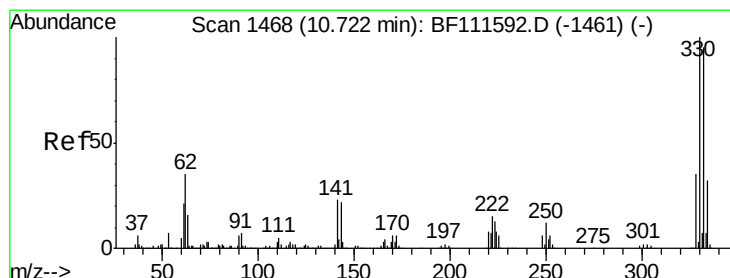
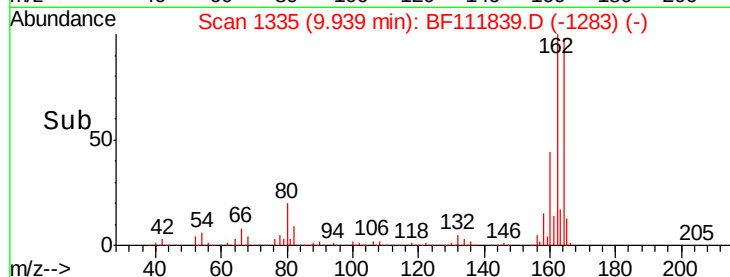
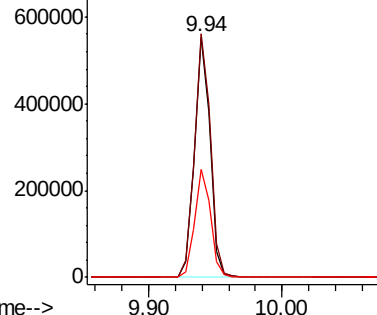
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 459314
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 44.8 35.7 53.5

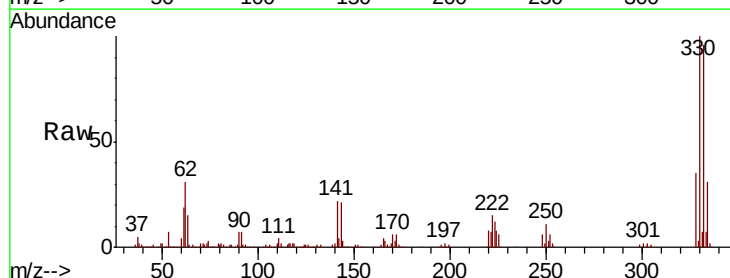


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

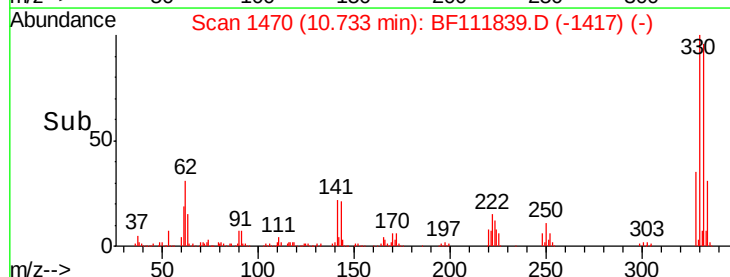
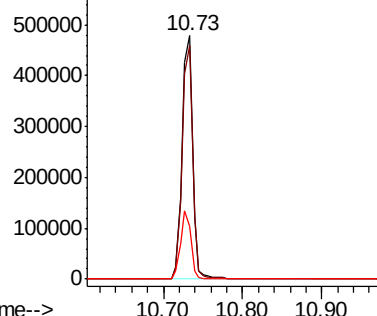


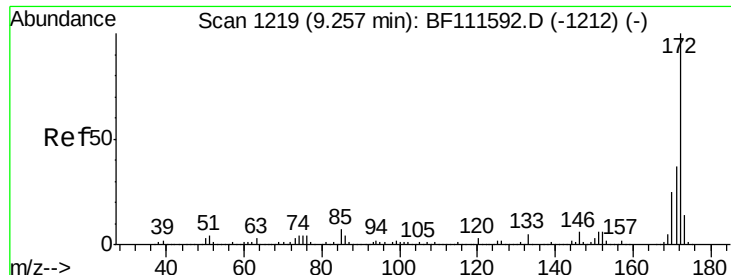
#42
2,4,6-Tribromophenol
Concen: 82.287 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Tgt Ion:330 Resp: 446581
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 27.9 31.0 46.6#



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

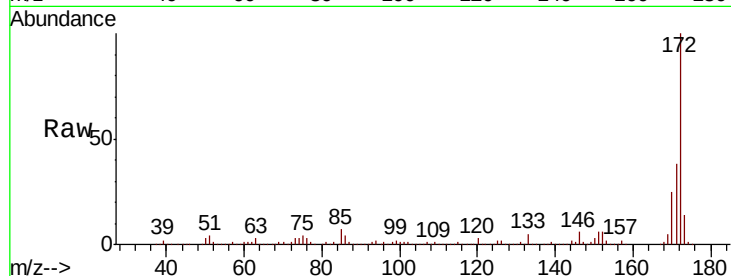




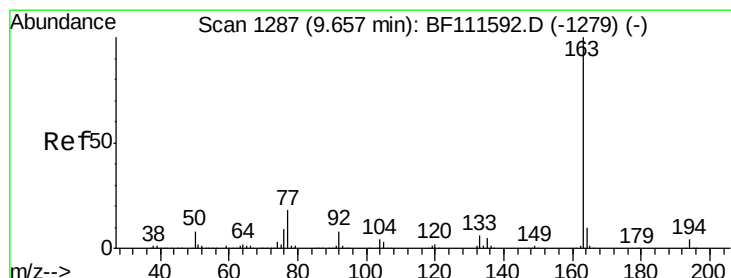
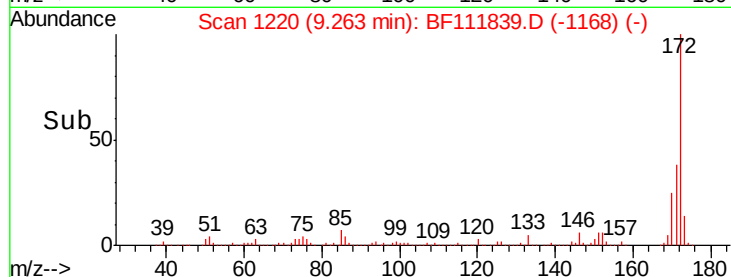
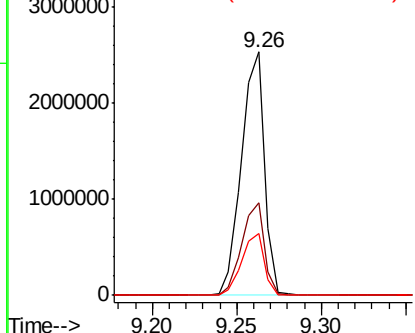
#45
2-Fluorobiphenyl
Concen: 76.670 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2416034
Ion Ratio Lower Upper
172 100
171 37.9 33.0 49.4
170 25.4 22.3 33.5

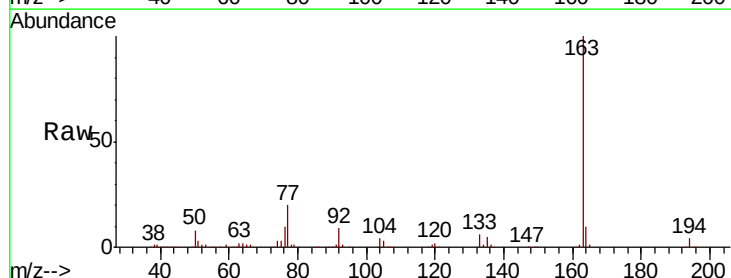


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

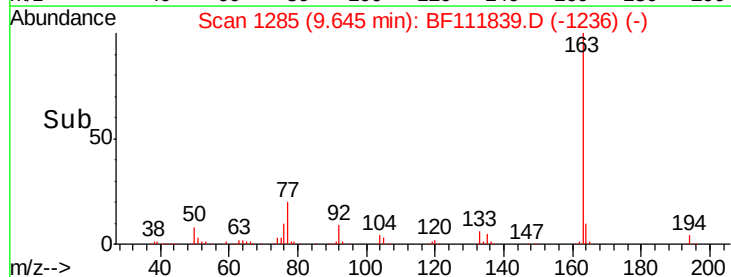
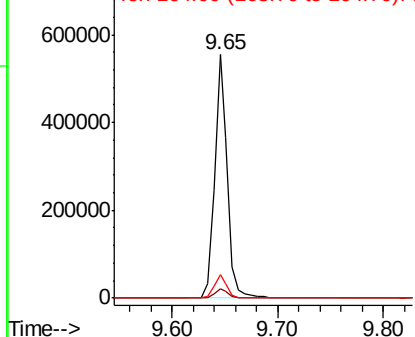


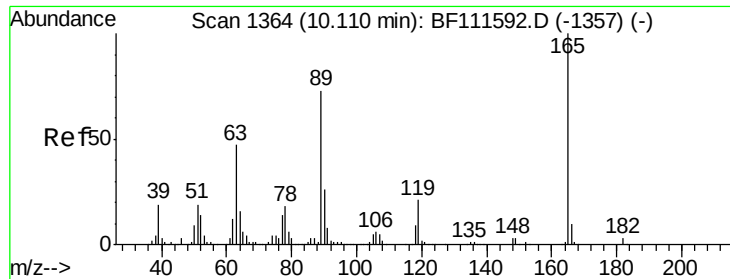
#50
Dimethylphthalate
Concen: 13.935 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111839.D
Acq: 3 Jan 2019 23:32

Tgt Ion:163 Resp: 468062
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.8 8.9 13.3



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

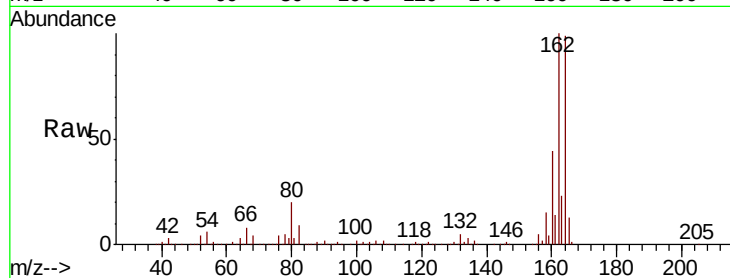




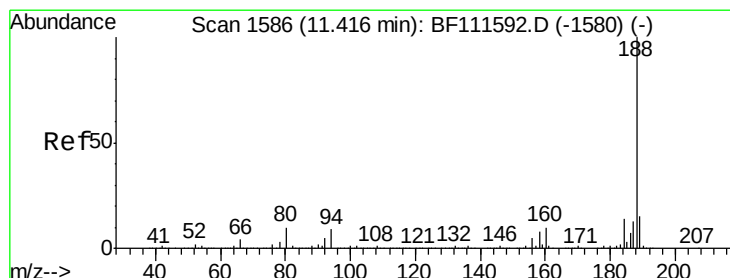
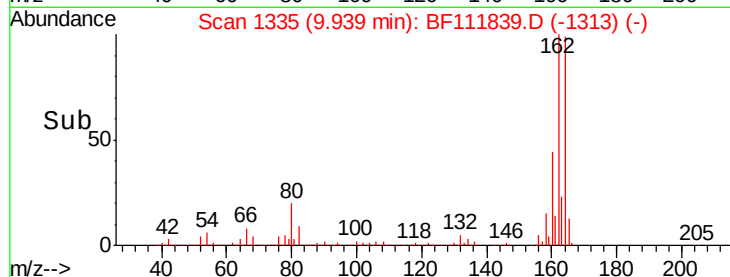
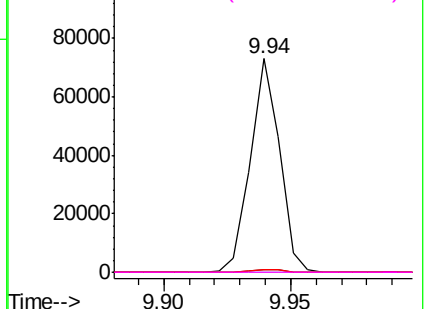
#57
 2,4-Dinitrotoluene
 Concen: 7.295 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111839.D
 Acq: 3 Jan 2019 23:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 58719
 Ion Ratio Lower Upper
 165 100
 63 1.2 34.6 52.0#
 89 1.4 56.2 84.4#
 182 0.0 1.8 2.6#

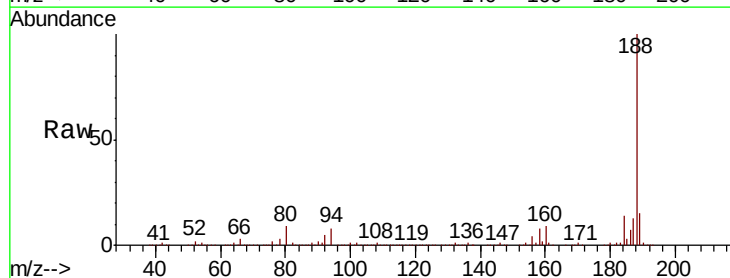


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

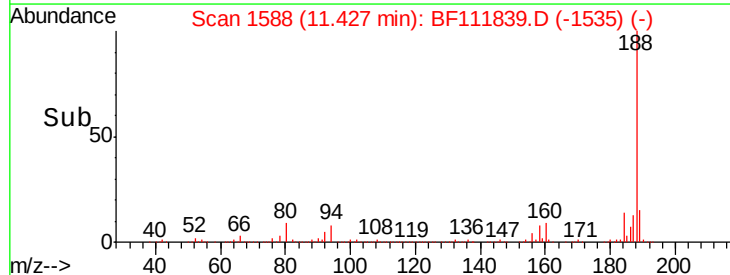
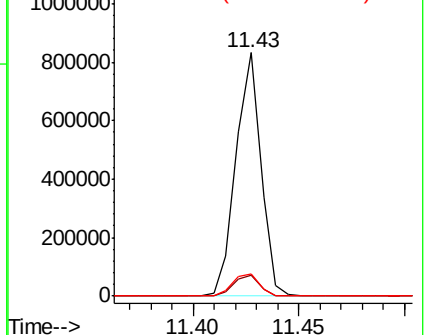


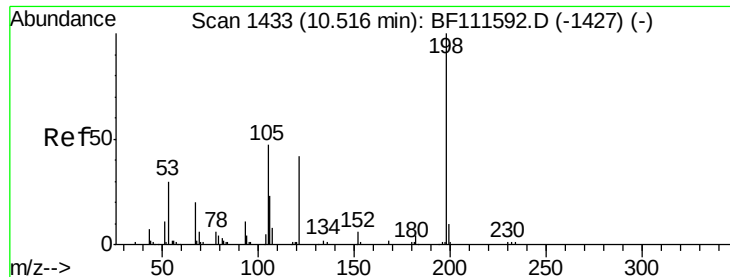
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111839.D
 Acq: 3 Jan 2019 23:32

Tgt Ion:188 Resp: 680921
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.6 14.4#
 80 8.9 9.8 14.6#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 6.916 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.22 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Instrument :

BNA_F

ClientSampleId :

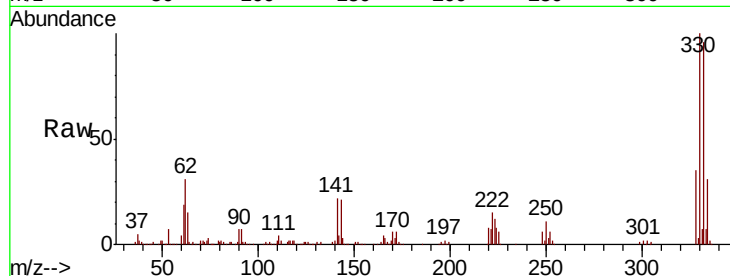
Tot Ion:198 Resp: 731

Ion Ratio Lower Upper

198 100

51 172.8 48.0 88.0#

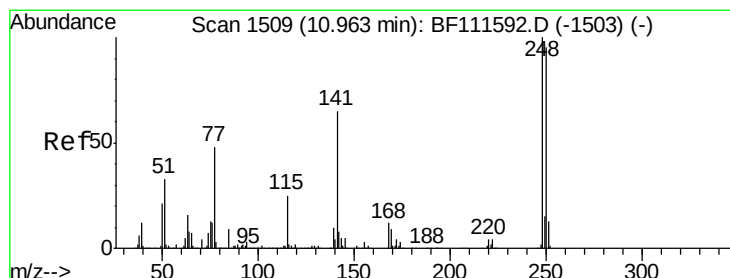
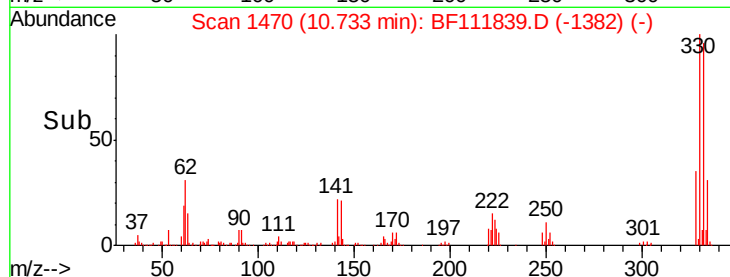
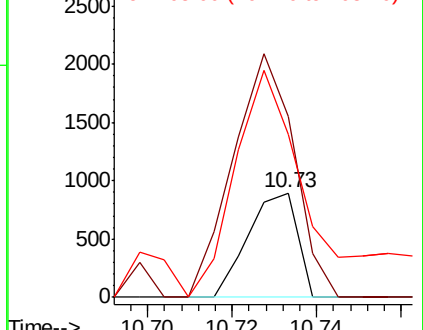
105 155.8 34.0 74.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.105 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.23 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

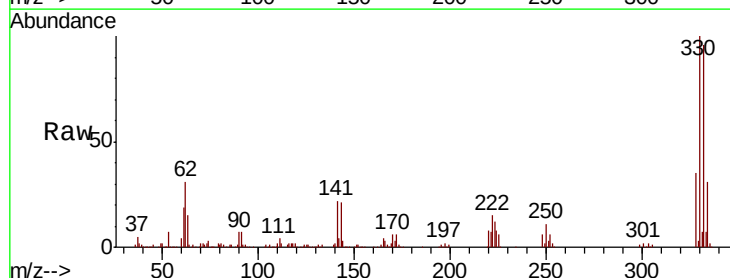
Tgt Ion:248 Resp: 26221

Ion Ratio Lower Upper

248 100

250 204.0 77.0 115.4#

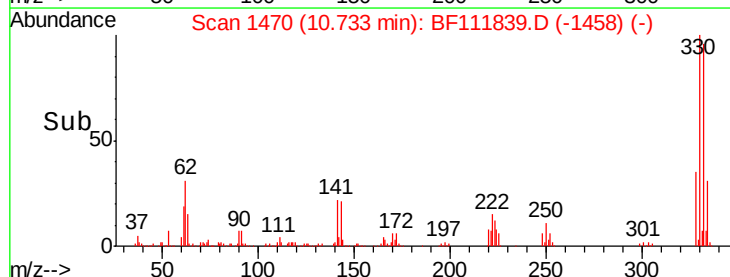
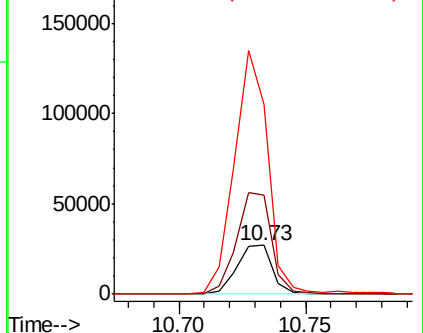
141 389.5 63.0 94.6#

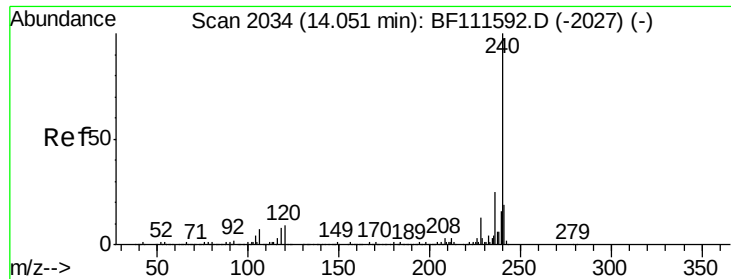


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

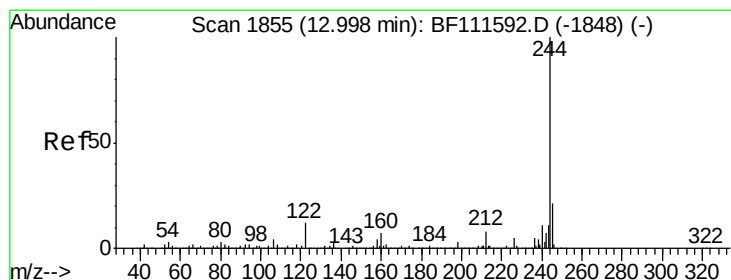
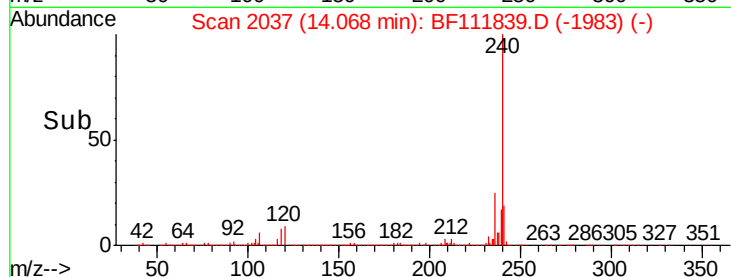
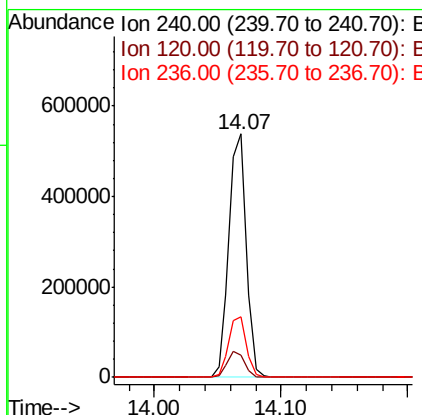
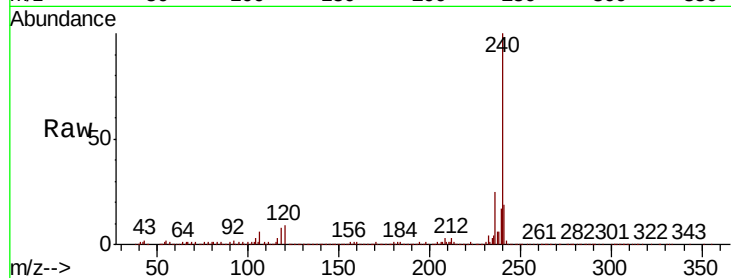




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111839.D
 Acq: 3 Jan 2019 23:32

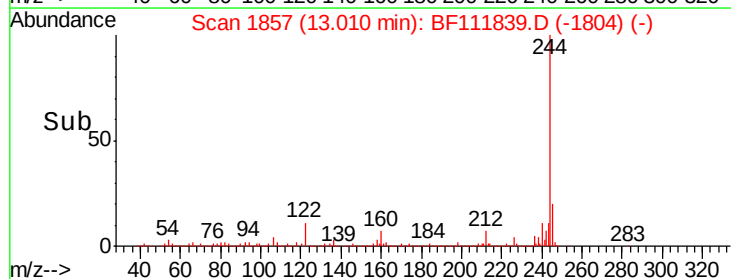
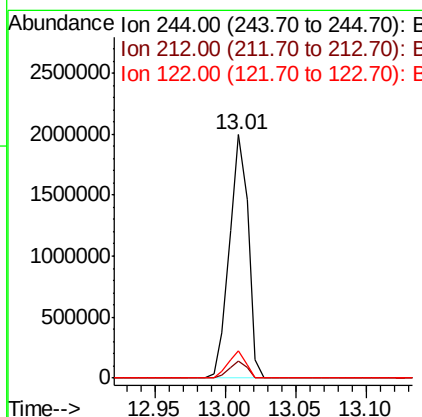
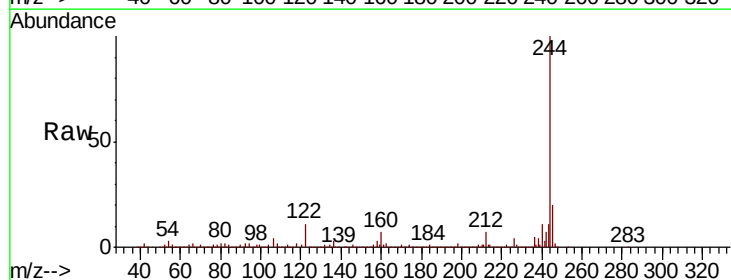
Instrument :
 BNA_F
 ClientSampleId :

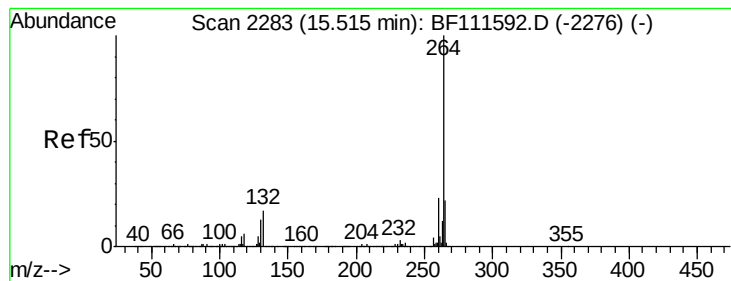
Tot Ion:240 Resp: 511152
 Ion Ratio Lower Upper
 240 100
 120 9.1 12.2 18.2#
 236 24.9 20.2 30.2



#79
 Terphenyl-d14
 Concen: 68.635 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111839.D
 Acq: 3 Jan 2019 23:32

Tgt Ion:244 Resp: 1849962
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.4 13.1 19.7#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111839.D

Acq: 3 Jan 2019 23:32

Instrument :

BNA_F

ClientSampleId :

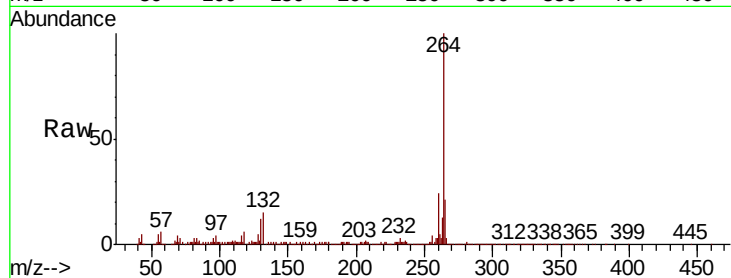
Tot Ion:264 Resp: 343447

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.5 17.7 26.5



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

