

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111176.D
 Acq On : 7 Dec 2018 9:31
 Operator : JU/SJ
 Sample : J6255-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 10:30:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

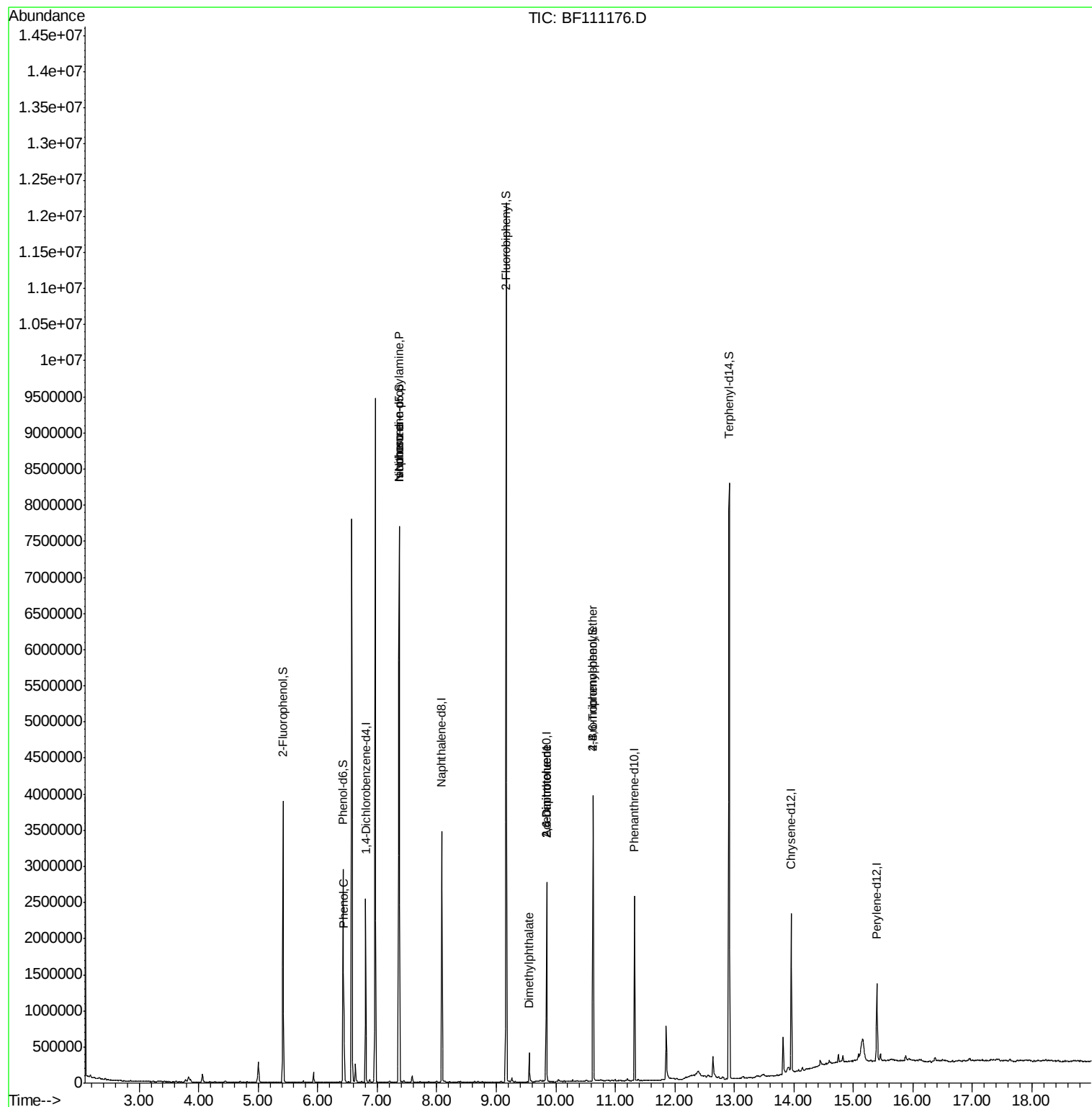
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	382984	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1410684	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	552682	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	850096	20.00	ng	0.00
76) Chrysene-d12	13.96	240	664897	20.00	ng	0.00
87) Perylene-d12	15.40	264	449553	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1059402	43.17	ng	0.00
7) Phenol-d6	6.43	99	798290	25.25	ng	0.00
23) Nitrobenzene-d5	7.37	82	2348550	98.56	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	393509	89.57	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3468586	122.52	ng	0.00
79) Terphenyl-d14	12.92	244	2741237	84.43	ng	0.01
Target Compounds						
9) Benzaldehyde	6.44	77	3116	Below Cal	Qvalue #	6
10) Phenol	6.44	94	151881	4.406 ng	#	97
19) n-Nitroso-di-n-propylamine	7.37	70	318015	14.968 ng	#	73
25) Isophorone	7.37	82	2342213	53.562 ng	#	65
50) Dimethylphthalate	9.56	163	139795	3.634 ng	#	96
51) 2,6-Dinitrotoluene	9.84	165	70531	8.649 ng	#	26
57) 2,4-Dinitrotoluene	9.84	165	70531	6.697 ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	26882	2.987 ng	#	1

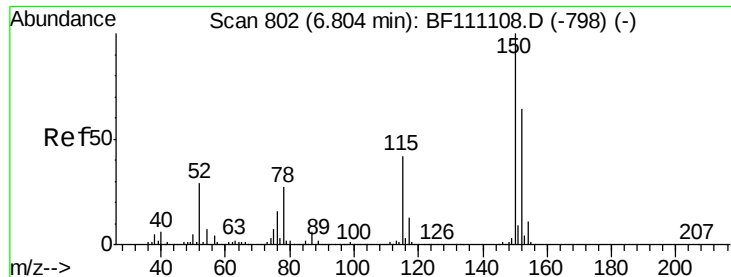
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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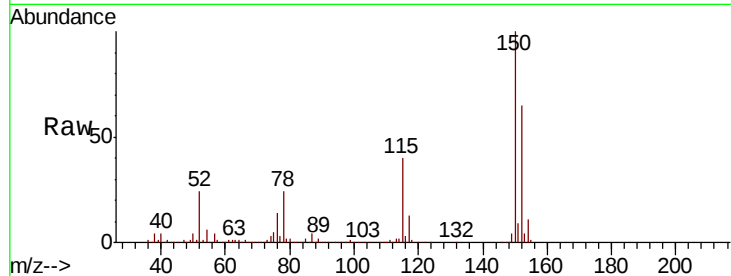


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	187.0
115	61.3	52.2	78.2

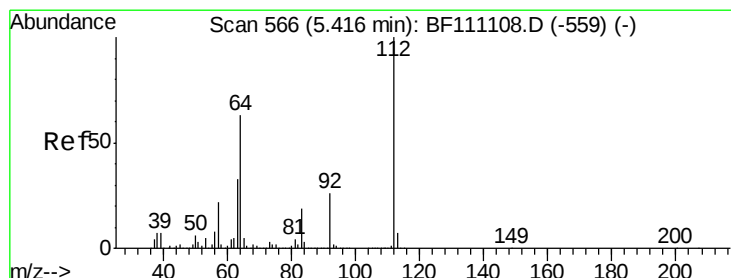
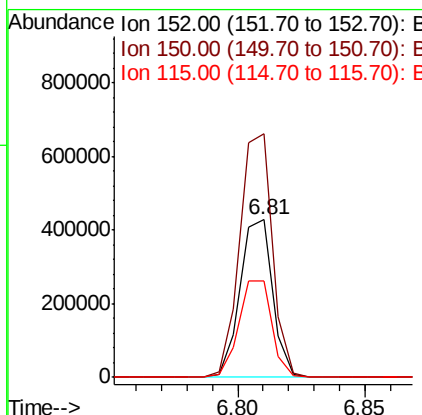
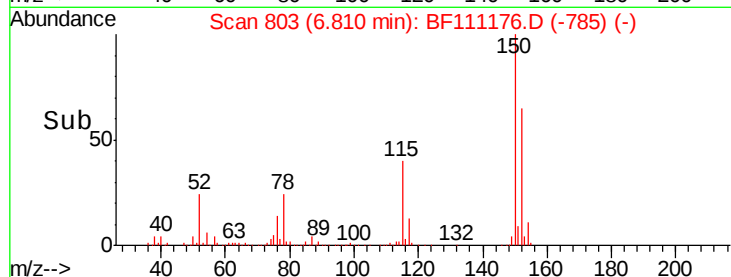


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

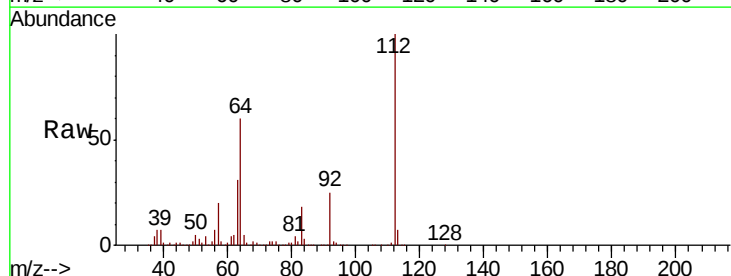
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.165 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	50.2	75.4
63	30.9	26.6	39.8

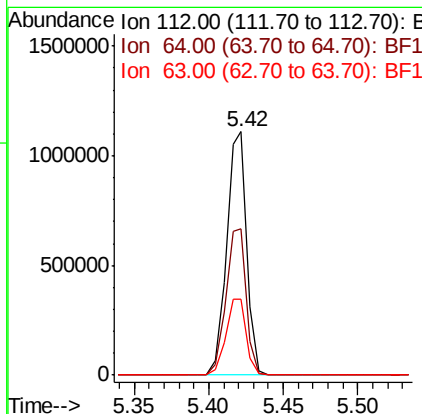
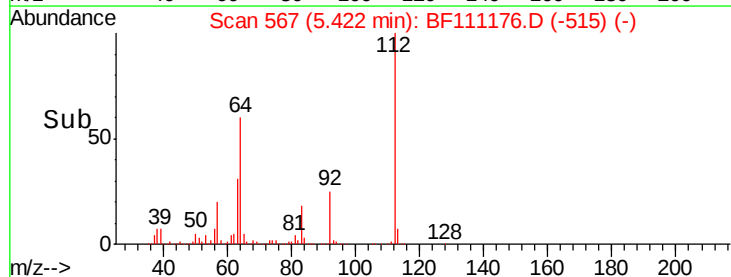


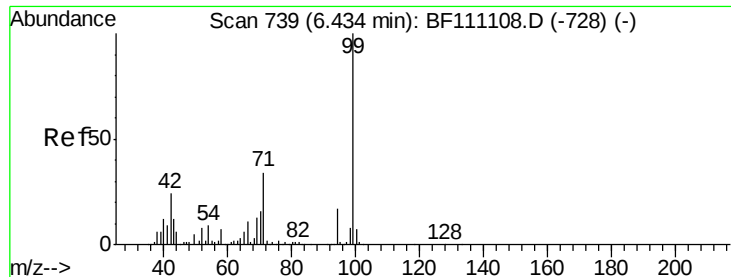
Abundance

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: 25.250 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111176.D

Acq: 7 Dec 2018 9:31

Instrument :

BNA_F

ClientSampleId :

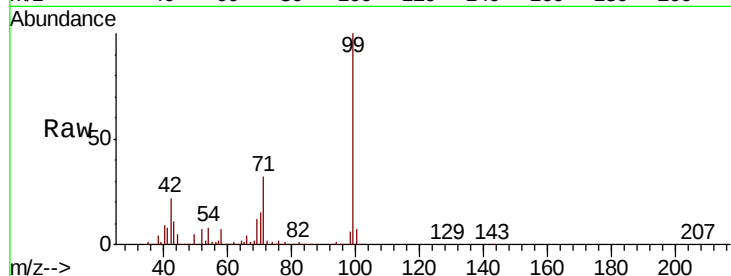
Tot Ion: 99 Resp: 798290

Ion Ratio Lower Upper

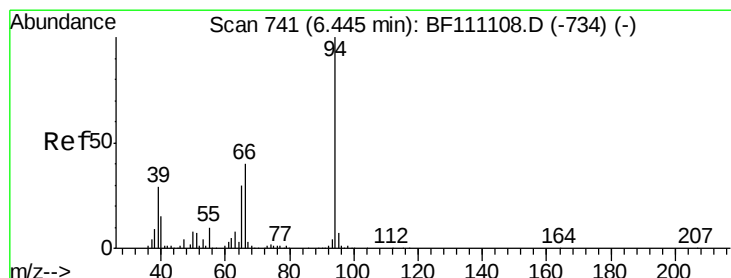
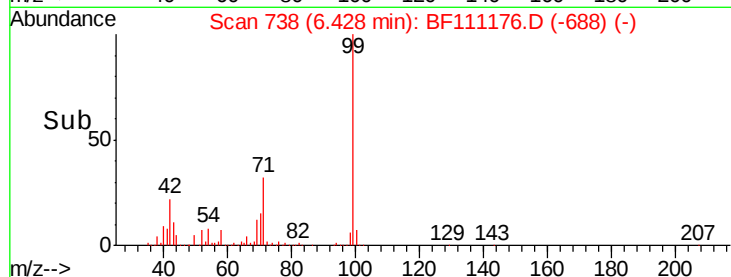
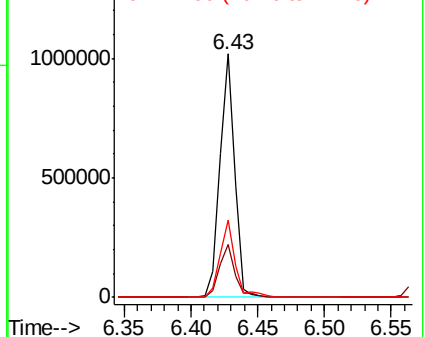
99 100

42 21.6 19.3 28.9

71 31.7 27.4 41.2



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: 4.406 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111176.D

Acq: 7 Dec 2018 9:31

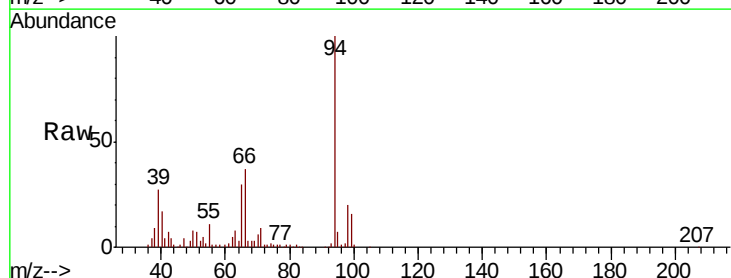
Tgt Ion: 94 Resp: 151881

Ion Ratio Lower Upper

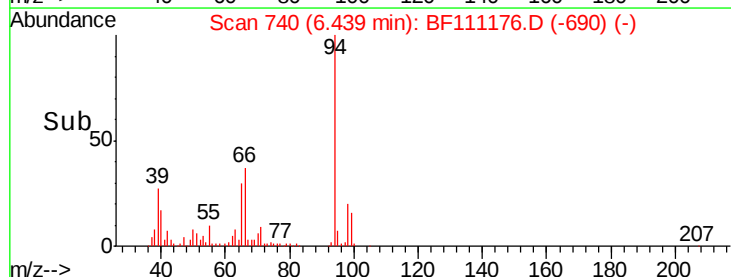
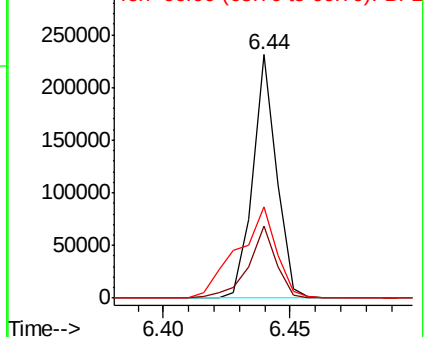
94 100

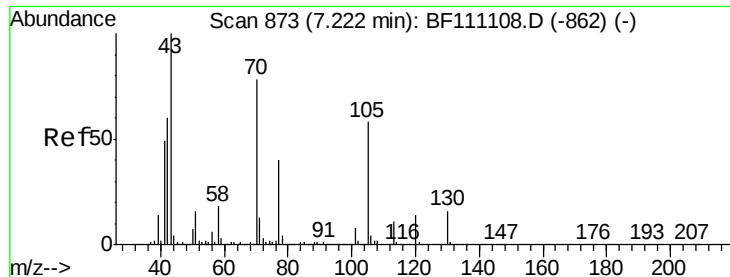
65 29.6 10.5 50.5

66 37.3 19.8 59.8



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

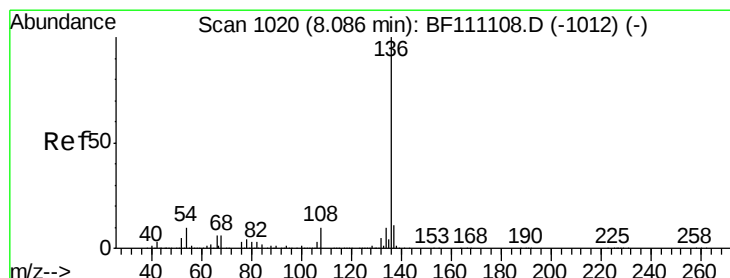
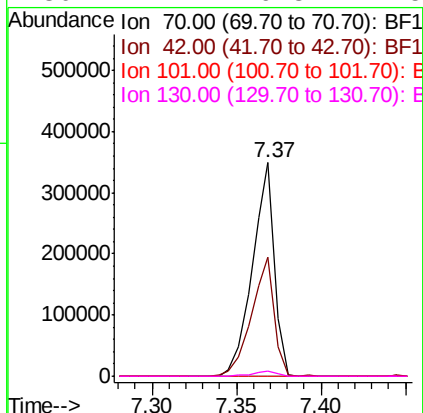
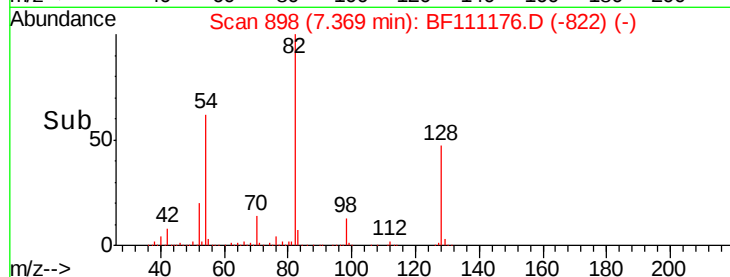
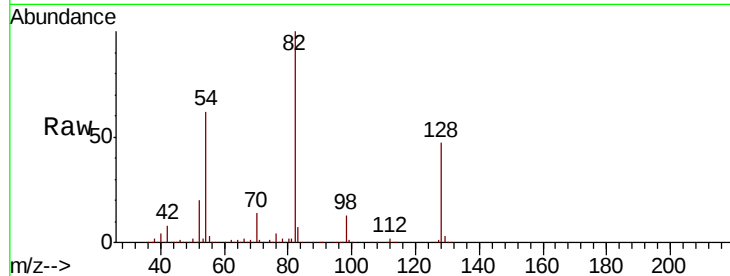




#19
n-Nitroso-di-n-propylamine
Concen: 14.968 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

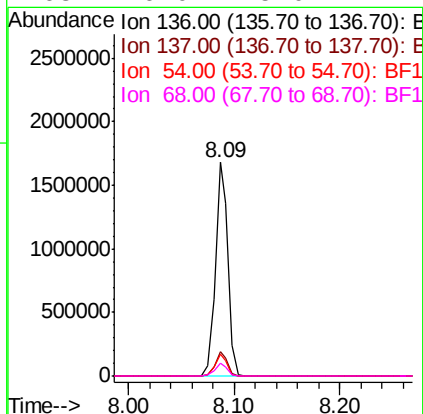
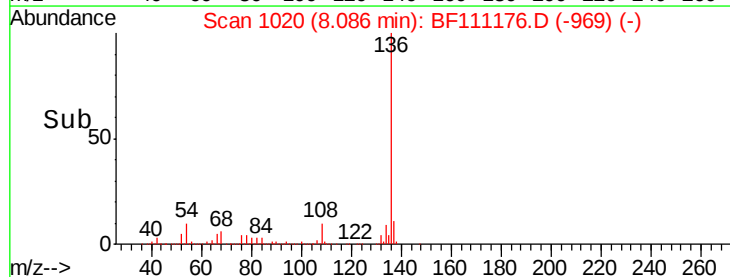
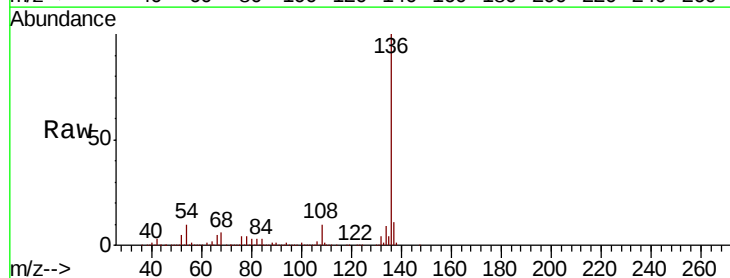
Instrument :
BNA_F
ClientSampleId :

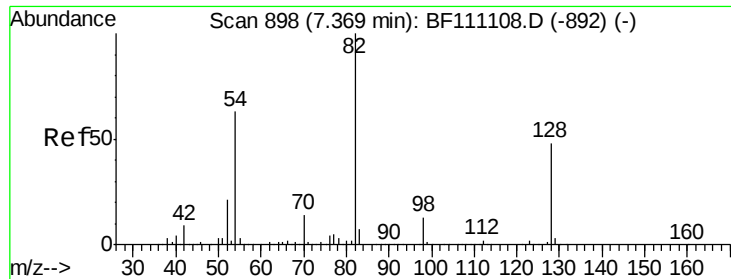
Tot Ion: 70 Resp: 318015
Ion Ratio Lower Upper
70 100
42 55.7 61.3 91.9#
101 0.0 7.7 11.5#
130 2.2 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

Tgt Ion:136 Resp: 1410684
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.3 8.4 12.6
68 6.0 5.0 7.4

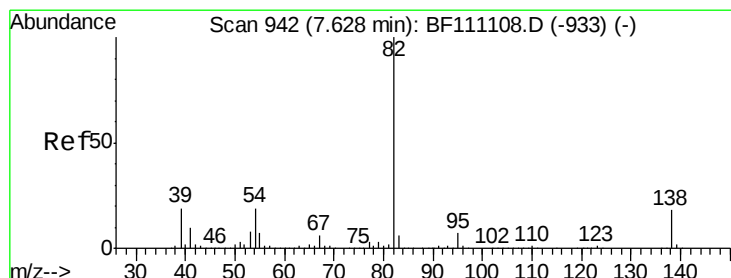
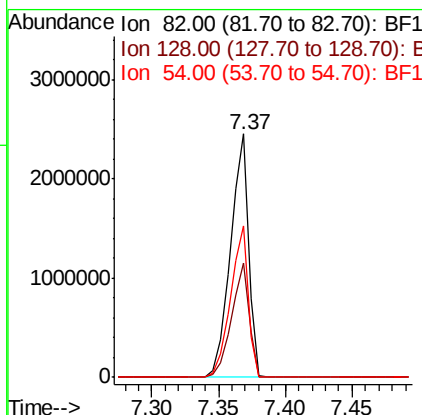
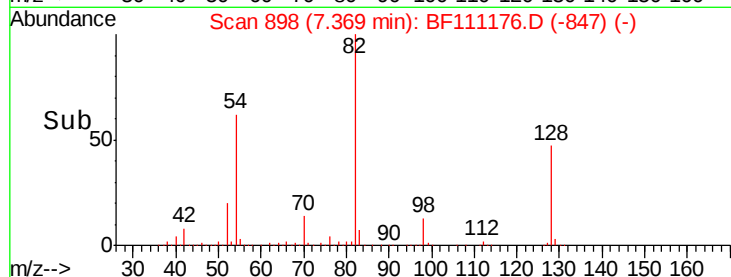
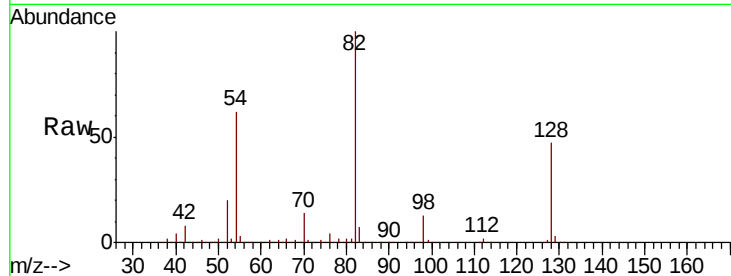




#23
Nitrobenzene-d5
Concen: 98.564 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

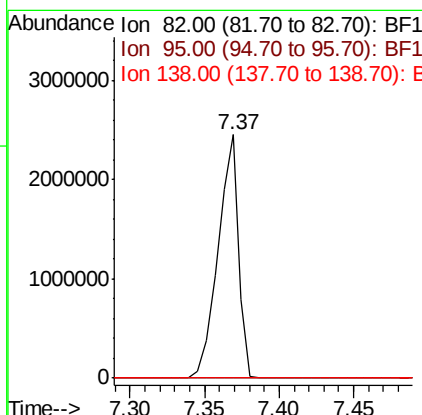
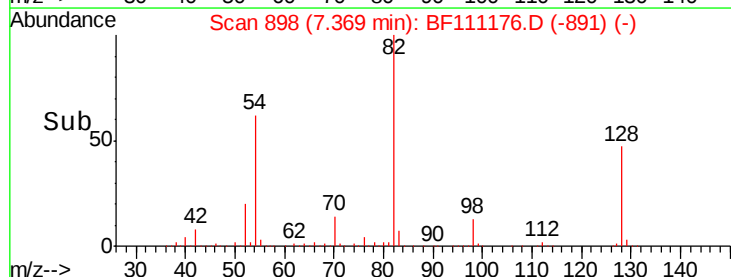
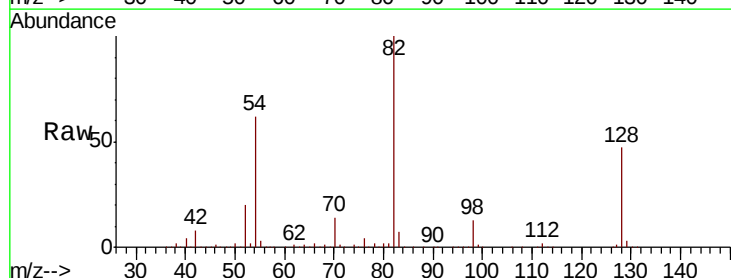
Instrument :
BNA_F
ClientSampleId :

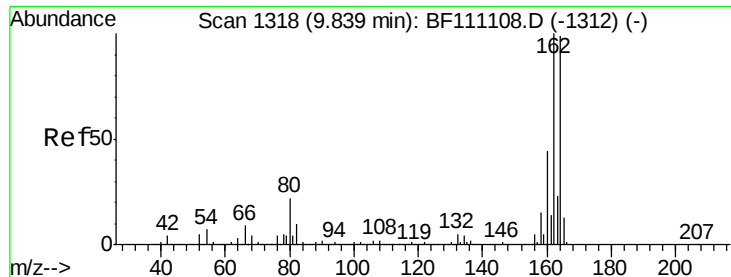
Tot Ion: 82 Resp: 2348550
Ion Ratio Lower Upper
82 100
128 47.2 38.1 57.1
54 62.1 50.3 75.5



#25
Isophorone
Concen: 53.562 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

Tgt Ion: 82 Resp: 2342213
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

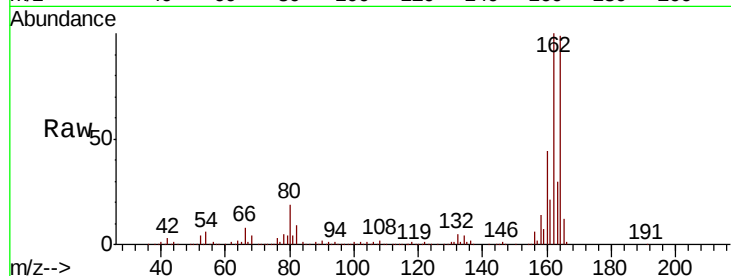




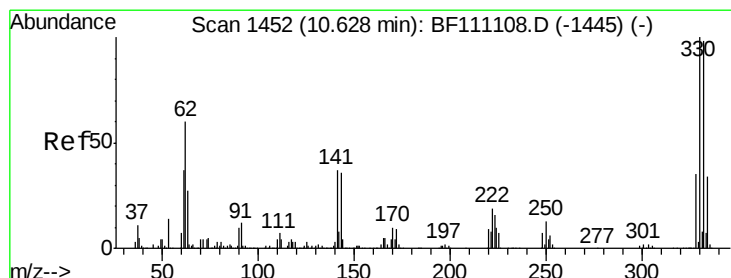
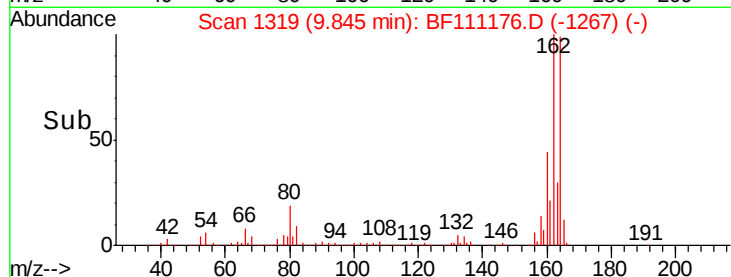
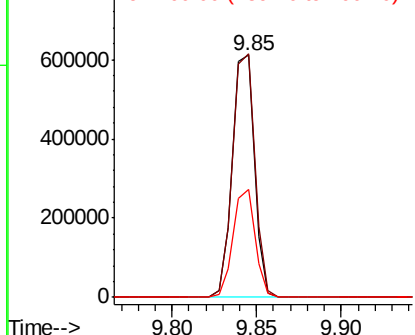
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111176.D
 Acq: 7 Dec 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.5	35.5	53.3

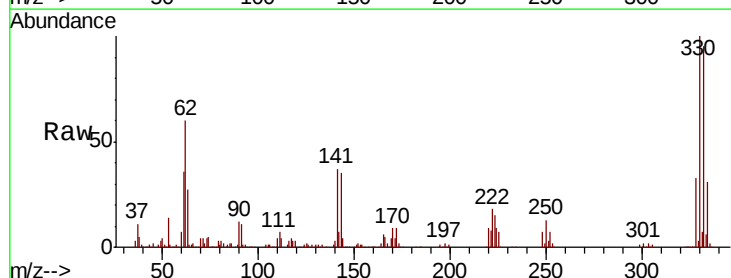


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

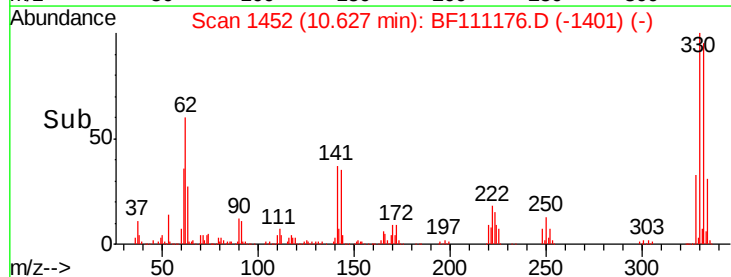
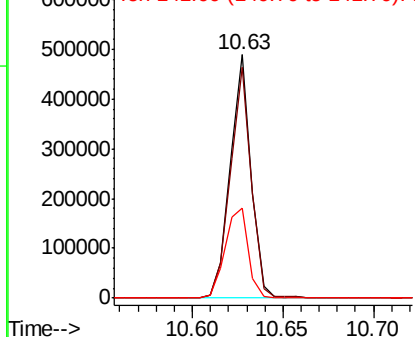


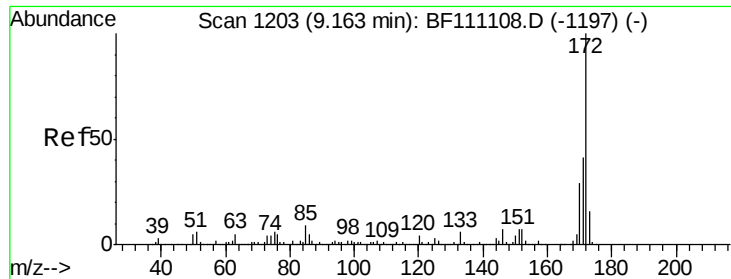
#42
 2,4,6-Tribromophenol
 Concen: 89.572 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111176.D
 Acq: 7 Dec 2018 9:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.2	115.8
141	41.4	36.1	54.1



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

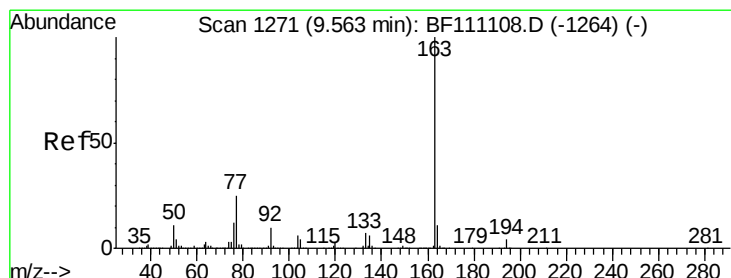
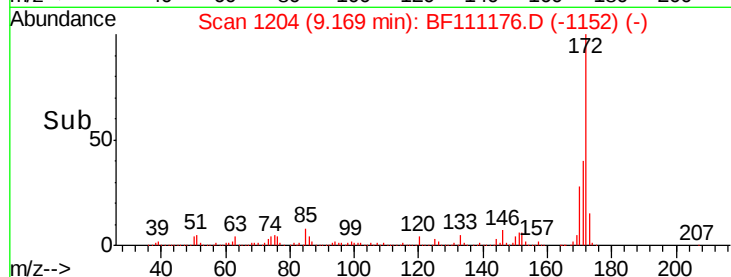
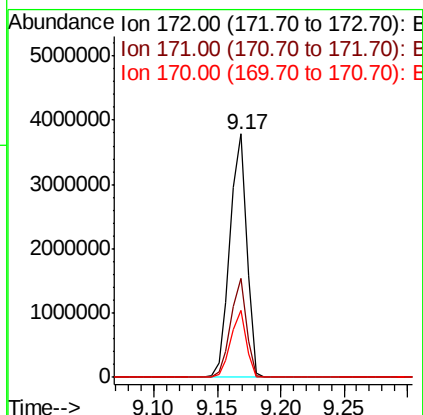
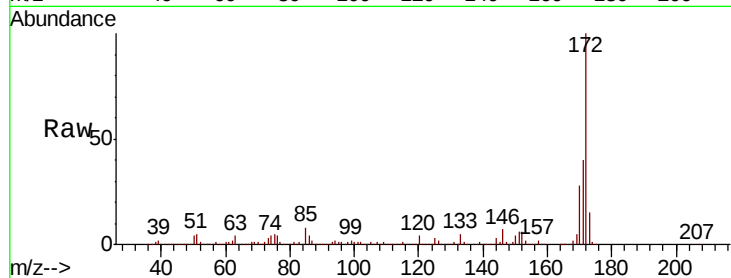




#45
2-Fluorobiphenyl
Concen: 122.516 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

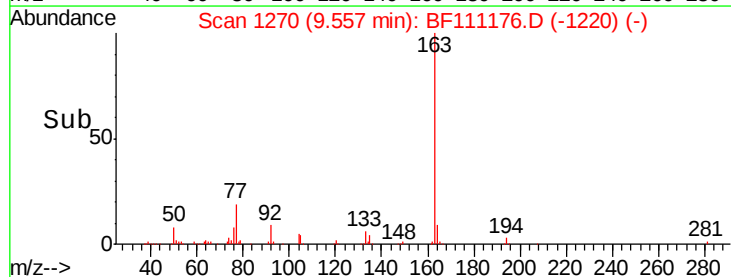
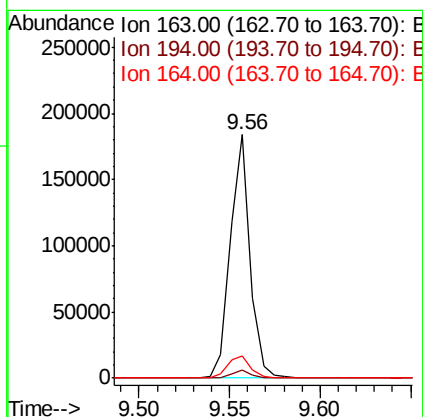
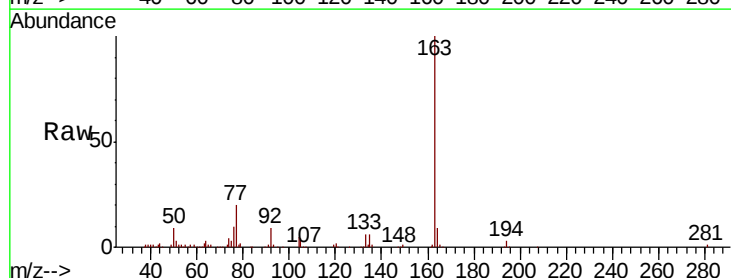
Instrument :
BNA_F
ClientSampled :

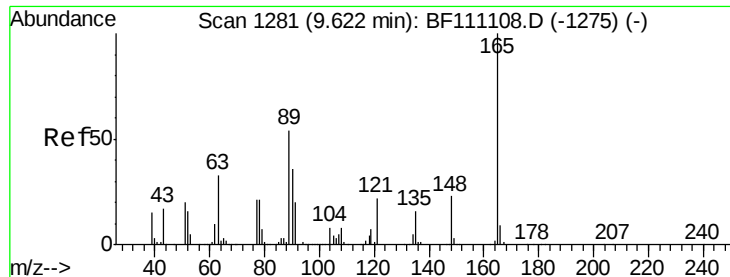
Tot Ion:172 Resp: 3468586
Ion Ratio Lower Upper
172 100
171 40.4 33.2 49.8
170 27.5 22.9 34.3



#50
Dimethylphthalate
Concen: 3.634 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

Tgt Ion:163 Resp: 139795
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.3 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 8.649 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.22 min

Lab File: BF111176.D

Acq: 7 Dec 2018 9:31

Instrument :

BNA_F

ClientSampleId :

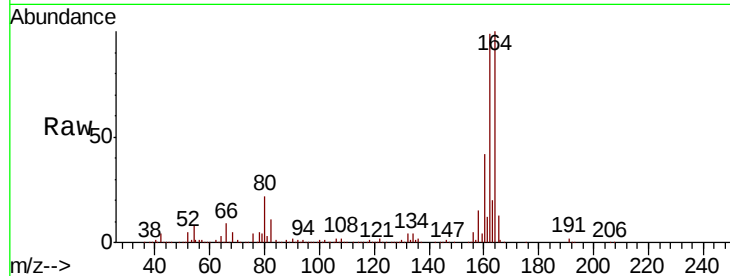
Tot Ion:165 Resp: 70531

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

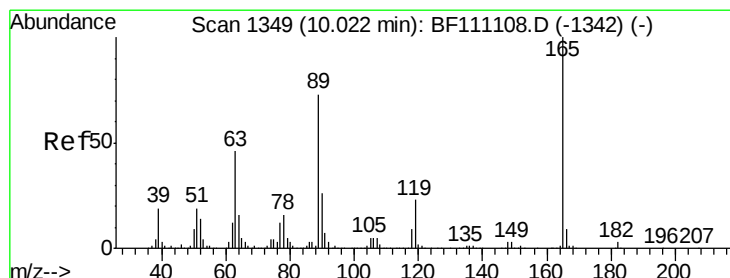
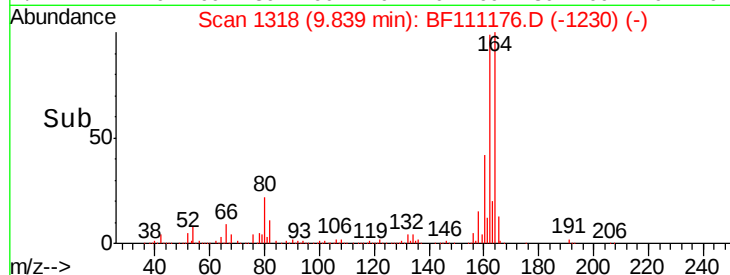
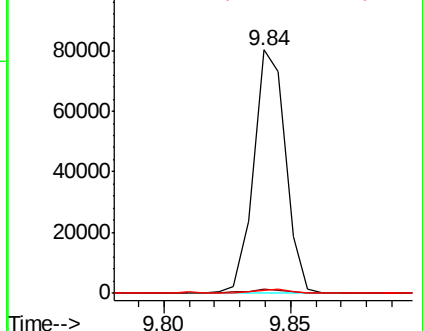
89 1.2 43.0 64.4#



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: 6.697 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF111176.D

Acq: 7 Dec 2018 9:31

Tgt Ion:165 Resp: 70531

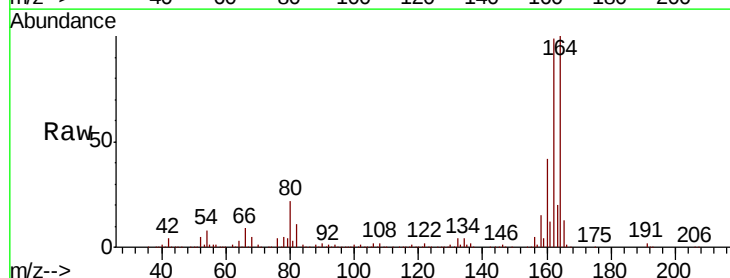
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 1.2 58.4 87.6#

182 0.0 2.1 3.1#

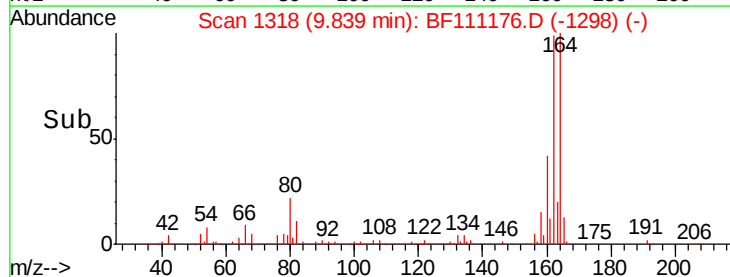
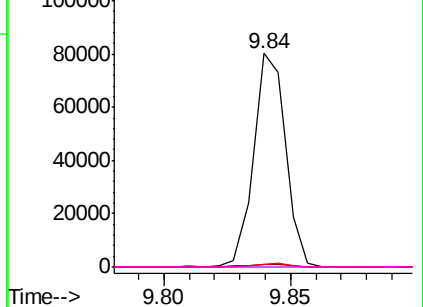


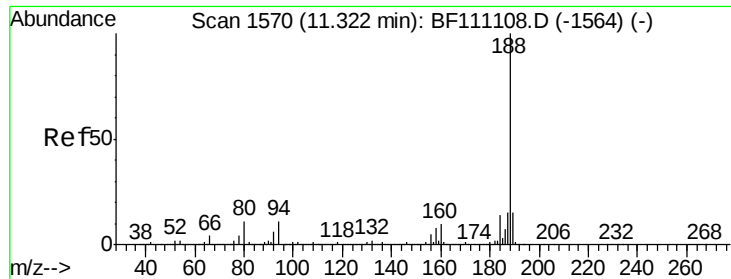
Abundance Ion 165.00 (164.70 to 165.70): E

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

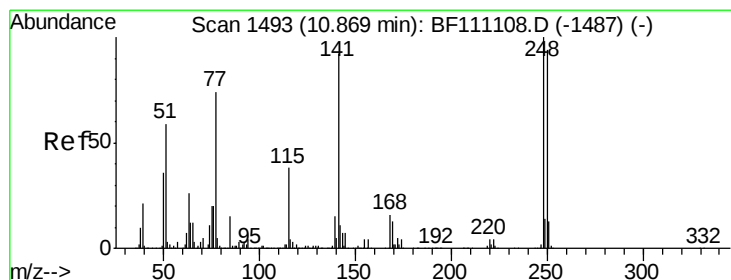
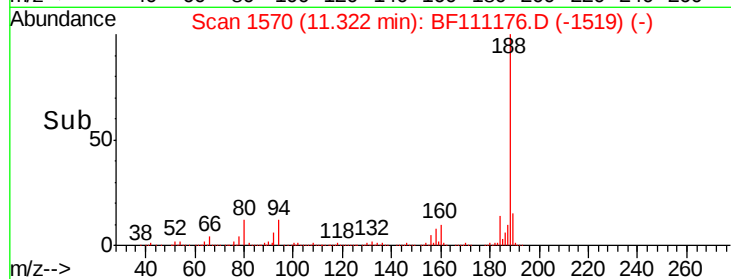
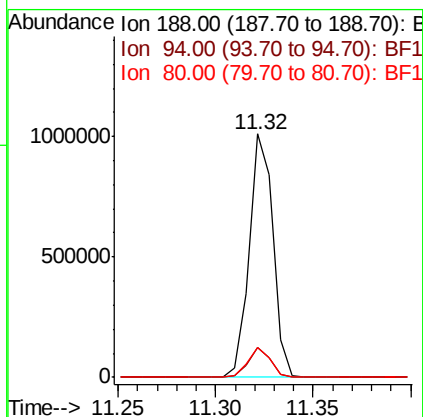
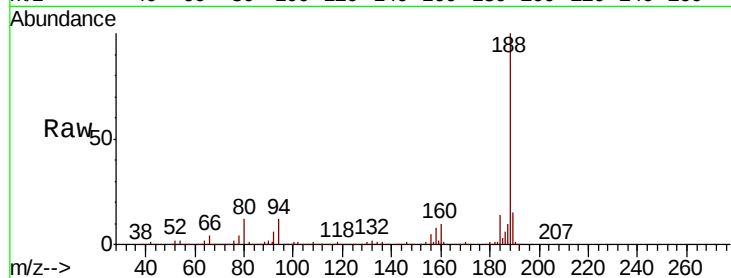




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

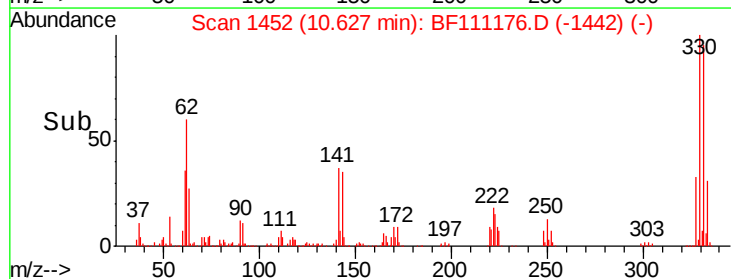
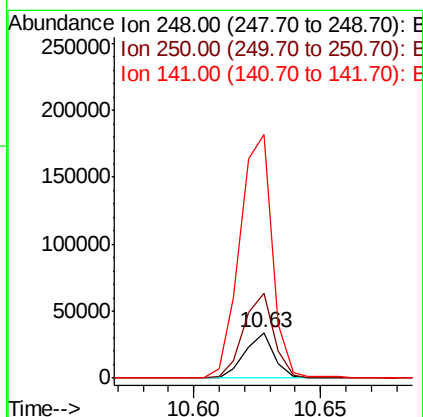
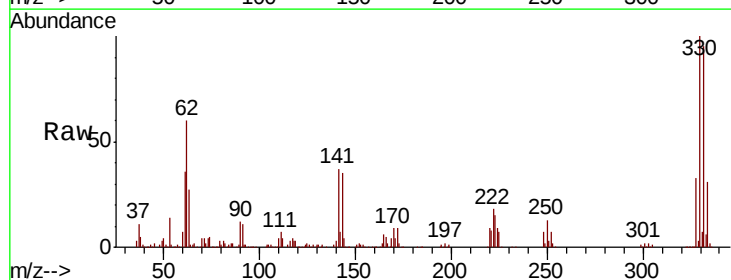
Instrument :
BNA_F
ClientSampleId :

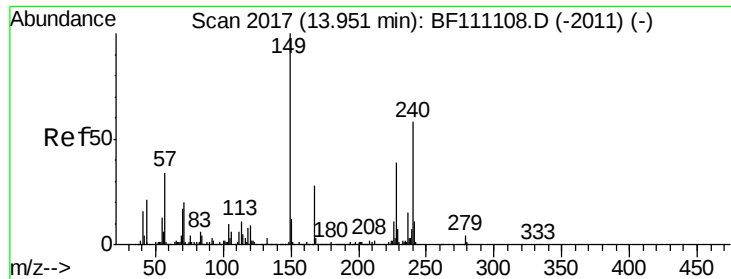
Tot Ion:188 Resp: 850096
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.2 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 2.987 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111176.D
Acq: 7 Dec 2018 9:31

Tgt Ion:248 Resp: 26882
Ion Ratio Lower Upper
248 100
250 186.5 75.4 113.0#
141 534.6 73.8 110.6#

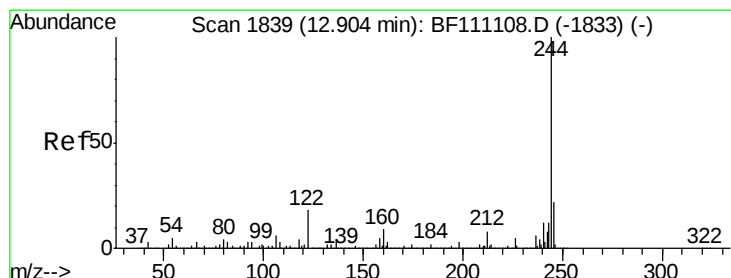
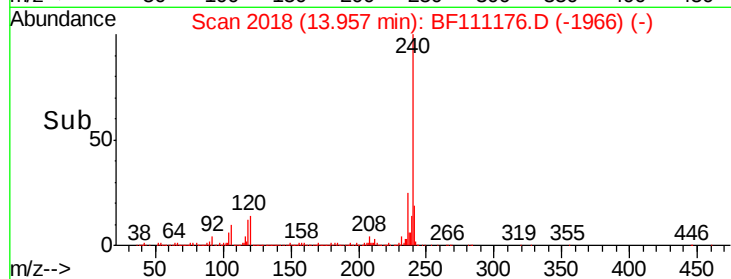
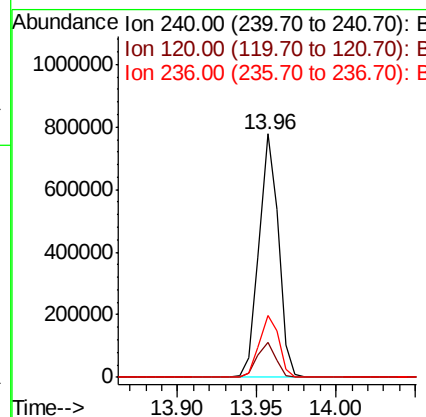
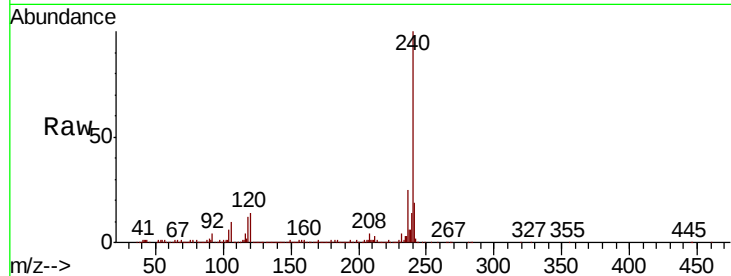




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111176.D
 Acq: 7 Dec 2018 9:31

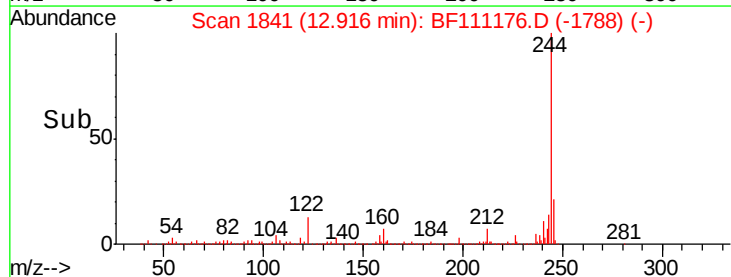
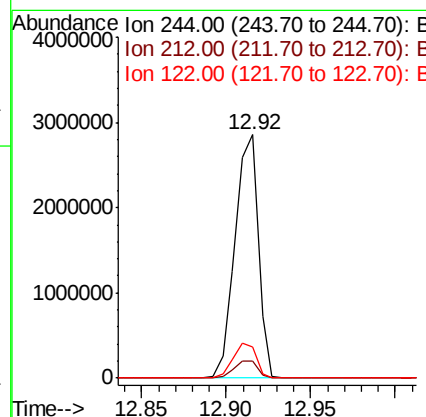
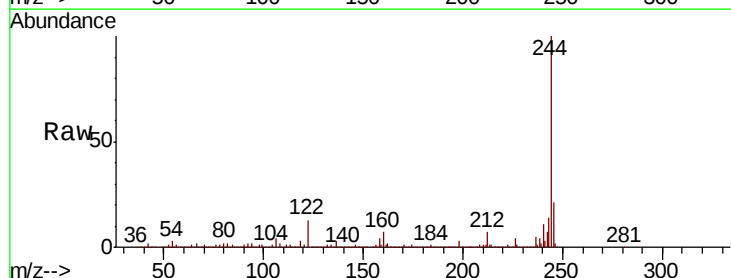
Instrument :
 BNA_F
 ClientSampled :

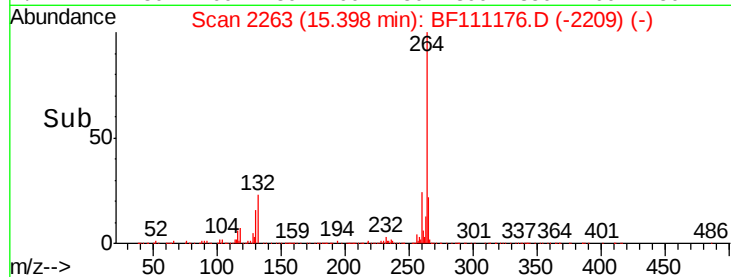
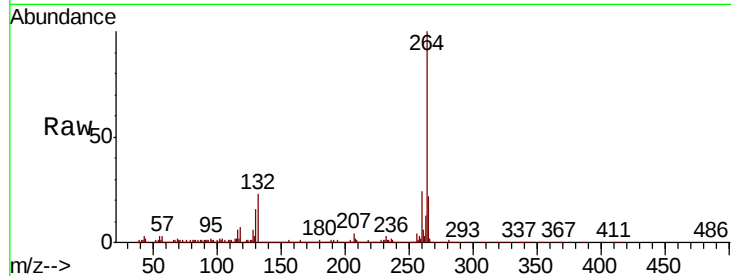
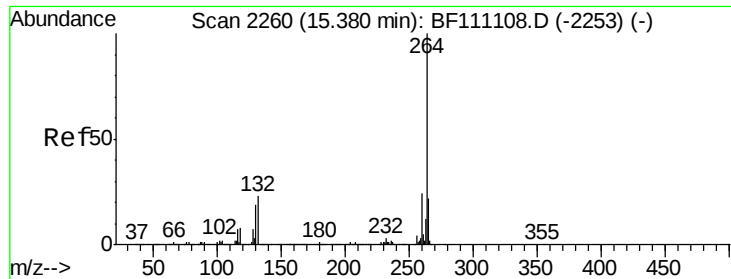
Tot Ion:240 Resp: 664897
 Ion Ratio Lower Upper
 240 100
 120 14.2 12.8 19.2
 236 25.3 21.1 31.7



#79
 Terphenyl-d14
 Concen: 84.435 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111176.D
 Acq: 7 Dec 2018 9:31

Tgt Ion:244 Resp: 2741237
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 9.8
 122 13.0 14.2 21.2#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111176.D

Acq: 7 Dec 2018 9:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 449553

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.2 17.4 26.0

