

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111203.D
 Acq On : 7 Dec 2018 22:44
 Operator : JU/SJ
 Sample : J6224-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Dec 08 02:54:00 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	6.80	152	424268	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2008089	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1029494	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1231221	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1128148	20.00	ng	0.00
87) Perylene-d12	15.39	264	917482	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	2366919	87.06	ng	0.00
7) Phenol-d6	6.43	99	2973843	84.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	1574234	46.41	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	498467	60.91	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2956482	46.68	ng	0.00
79) Terphenyl-d14	12.91	244	1741362	31.61	ng	0.00

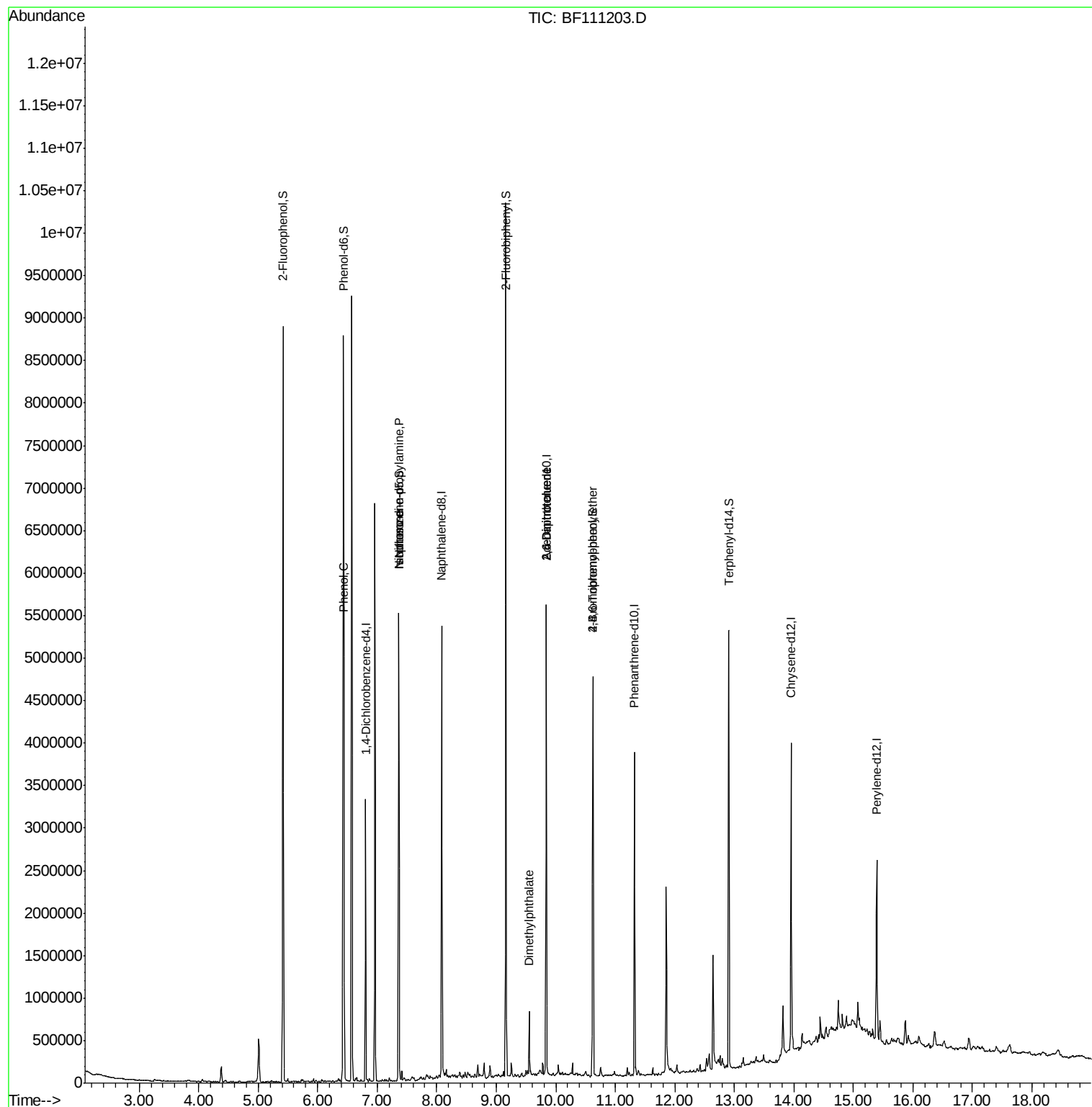
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	7464	Below Cal		# 1
10) Phenol	6.45	94	211150	5.529	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	210058	8.925	ng	# 76
25) Isophorone	7.36	82	1568934	25.205	ng	# 65
50) Dimethylphthalate	9.56	163	309178	4.315	ng	96
51) 2,6-Dinitrotoluene	9.84	165	135101	8.894	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	135223	6.893	ng	# 23
67) 4-Bromophenyl-phenylether	10.62	248	33126	2.542	ng	# 1
77) Benzidine	12.64	184	845	Below Cal		# 1

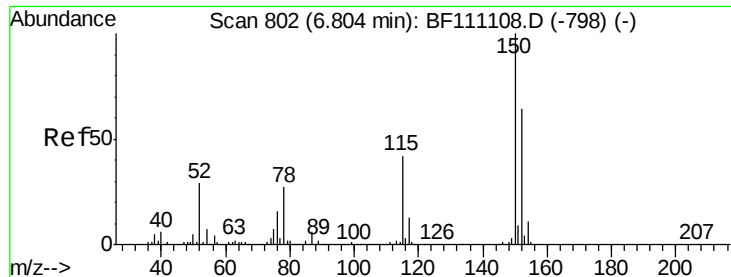
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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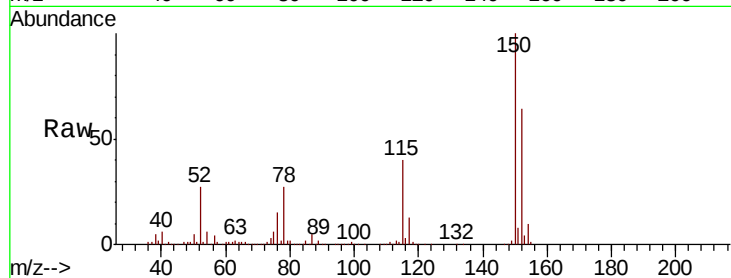


#1

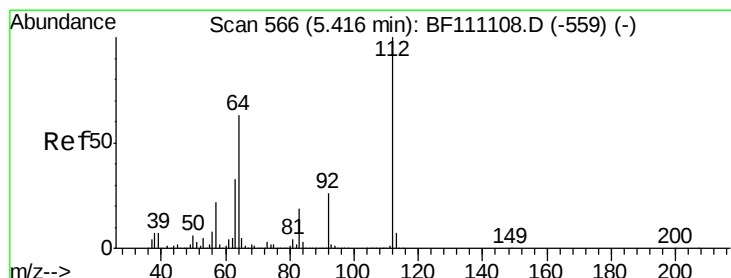
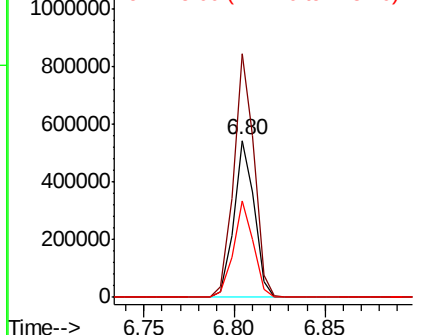
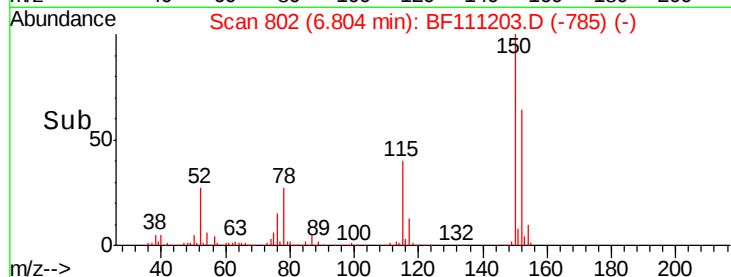
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:152 Resp: 424268
Ion Ratio Lower Upper
152 100
150 155.2 124.6 187.0
115 61.5 52.2 78.2



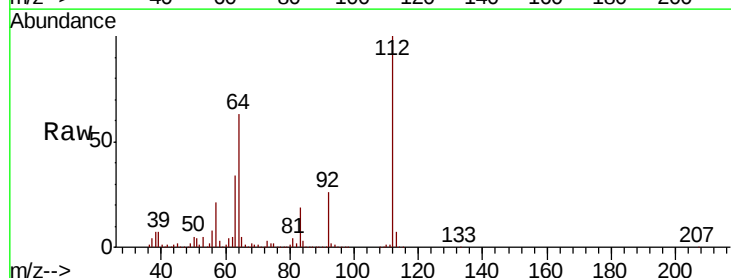
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



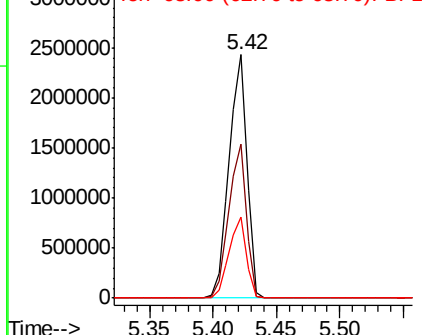
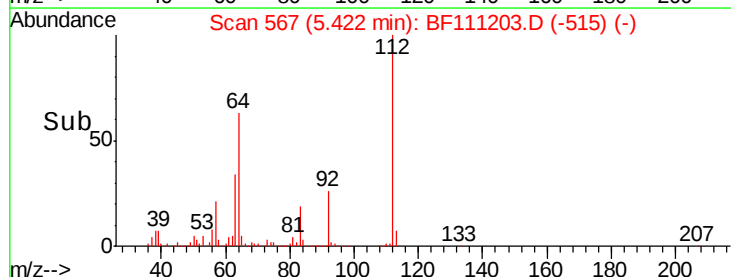
#5

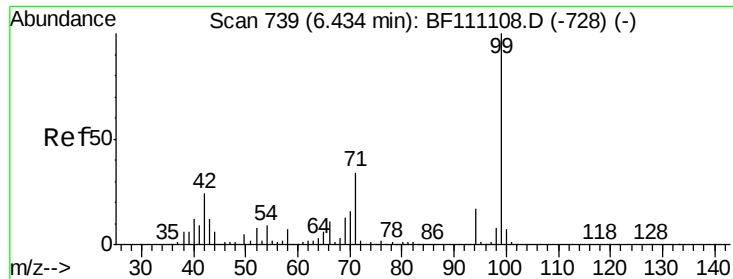
2-Fluorophenol
Concen: 87.055 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Tgt Ion:112 Resp: 2366919
Ion Ratio Lower Upper
112 100
64 63.3 50.2 75.4
63 33.5 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: 84.909 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111203.D

Acq: 7 Dec 2018 22:44

Instrument :

BNA_F

ClientSampleId :

S-1

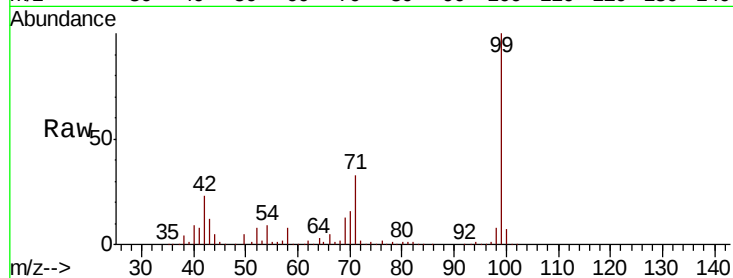
Tgt Ion: 99 Resp: 2973843

Ion Ratio Lower Upper

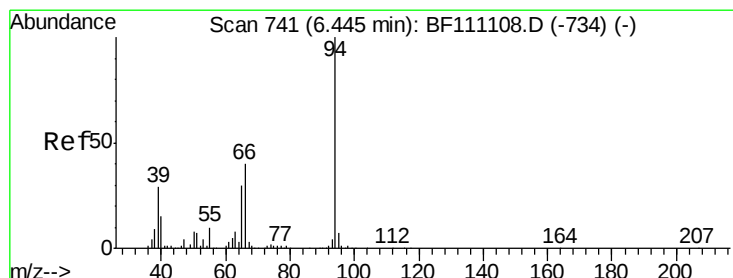
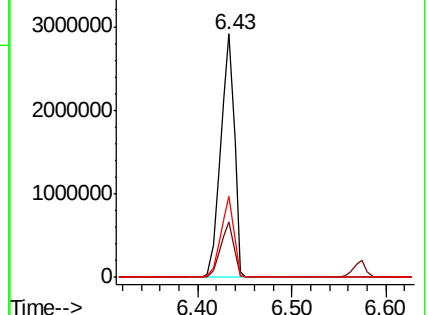
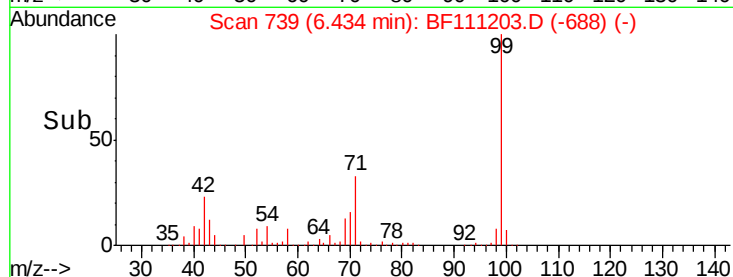
99 100

42 22.9 19.3 28.9

71 33.4 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: 5.529 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111203.D

Acq: 7 Dec 2018 22:44

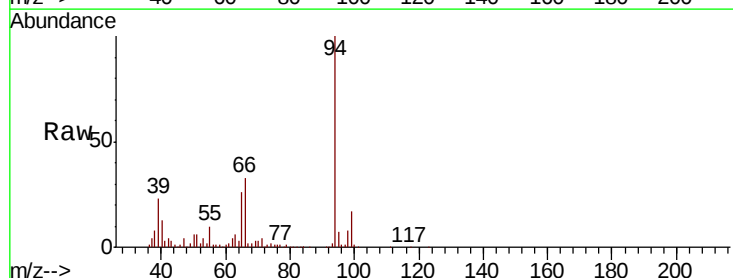
Tgt Ion: 94 Resp: 211150

Ion Ratio Lower Upper

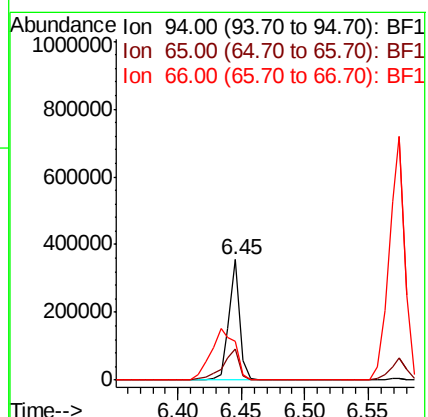
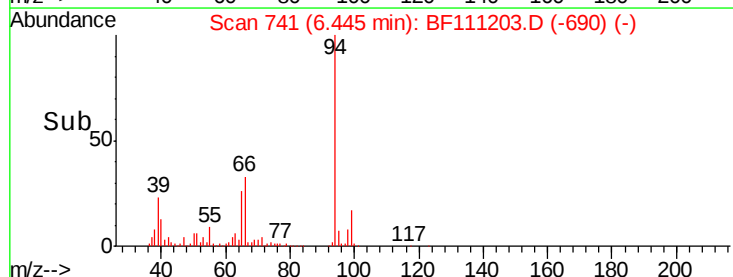
94 100

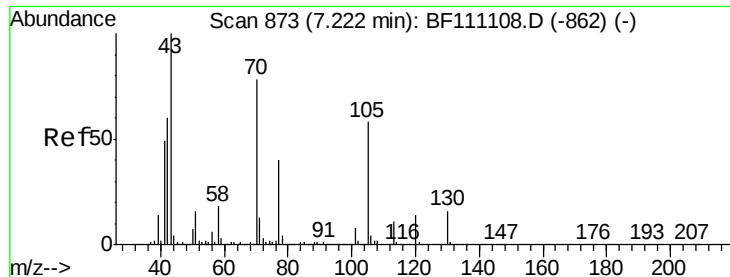
65 26.0 10.5 50.5

66 32.6 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

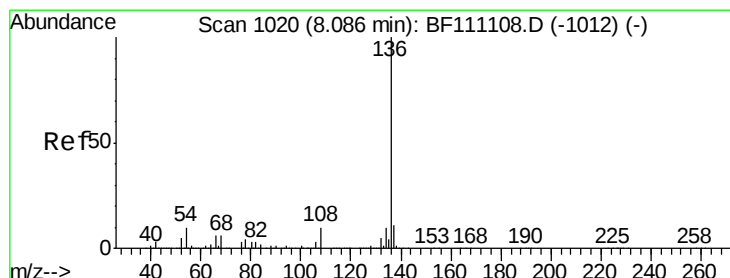
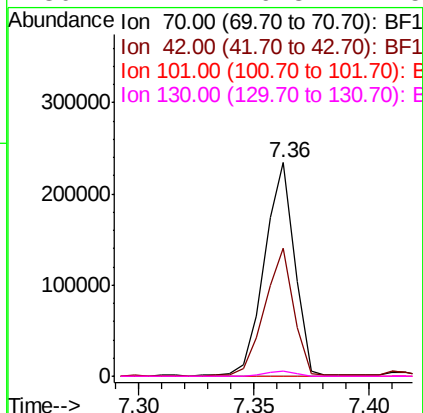
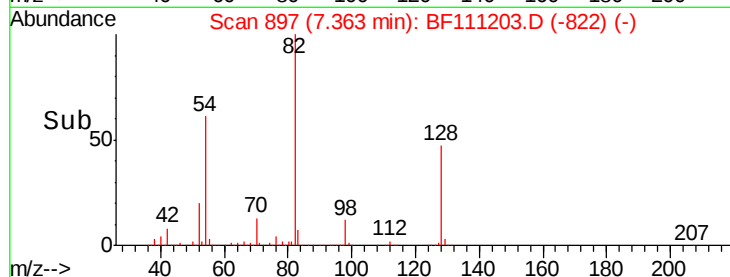
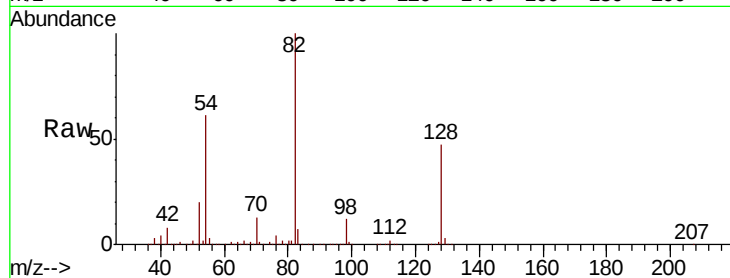




#19
n-Nitroso-di-n-propylamine
Concen: 8.925 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

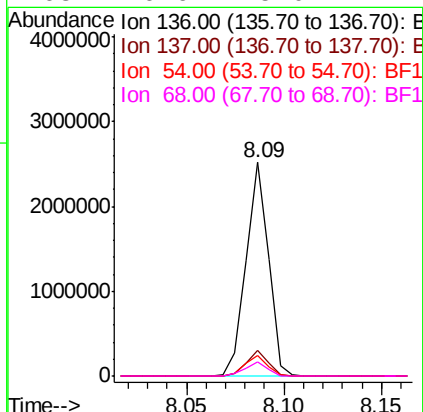
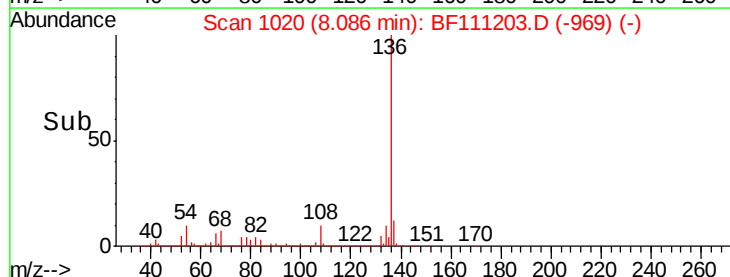
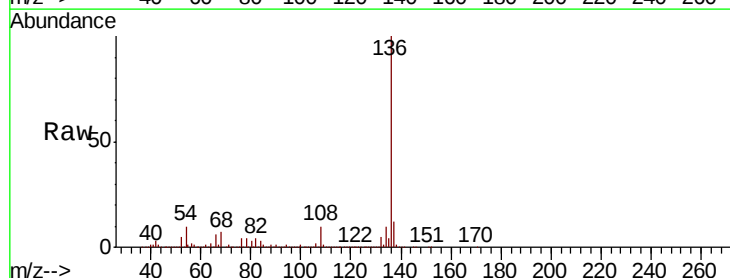
Instrument :
BNA_F
ClientSampleId :
S-1

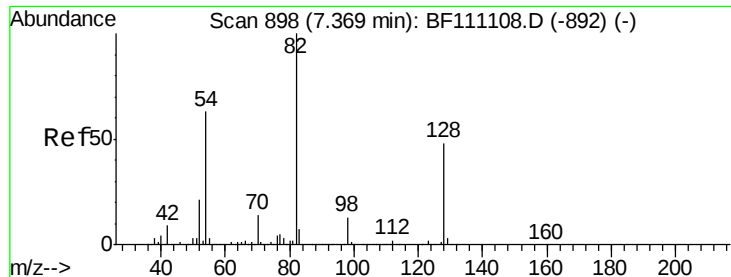
Tgt Ion: 70 Resp: 210058
Ion Ratio Lower Upper
70 100
42 59.7 61.3 91.9#
101 0.0 7.7 11.5#
130 2.2 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Tgt Ion:136 Resp: 2008089
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.8 8.4 12.6
68 6.6 5.0 7.4

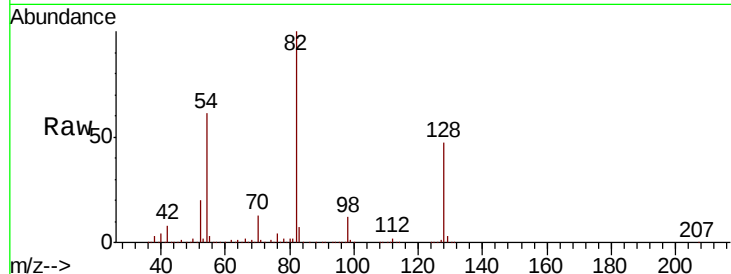




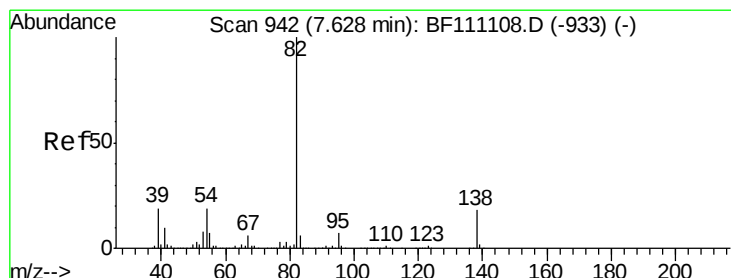
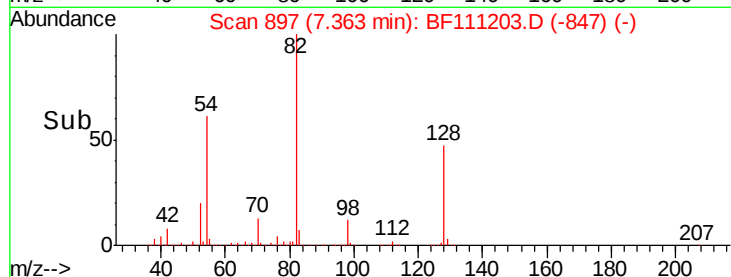
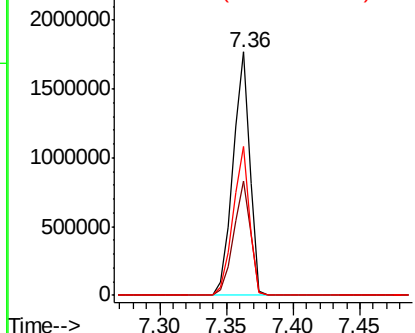
#23
Nitrobenzene-d5
Concen: 46.412 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Instrument :
BNA_F
ClientSampled :
S-1

Tgt Ion: 82 Resp: 1574234
Ion Ratio Lower Upper
82 100
128 47.0 38.1 57.1
54 61.3 50.3 75.5

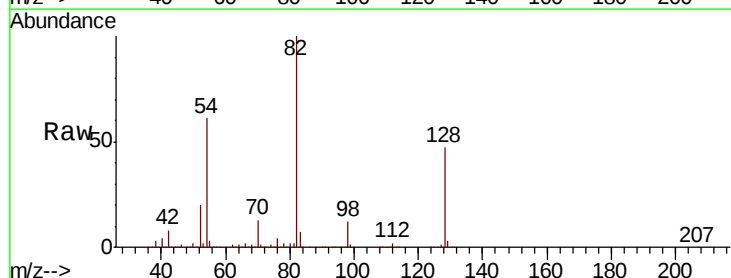


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

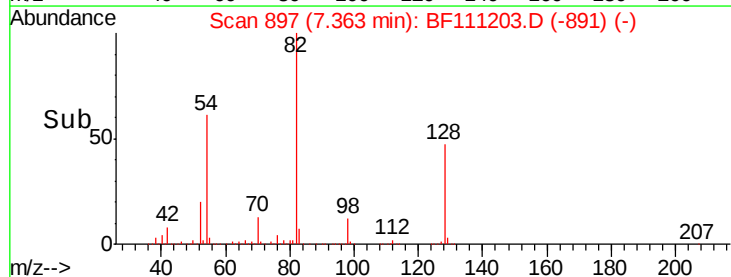
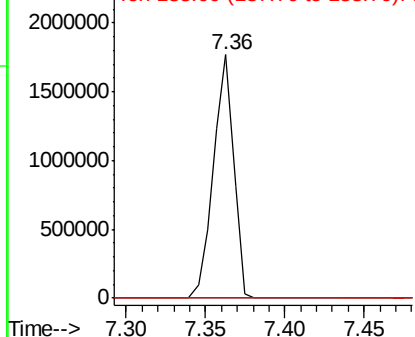


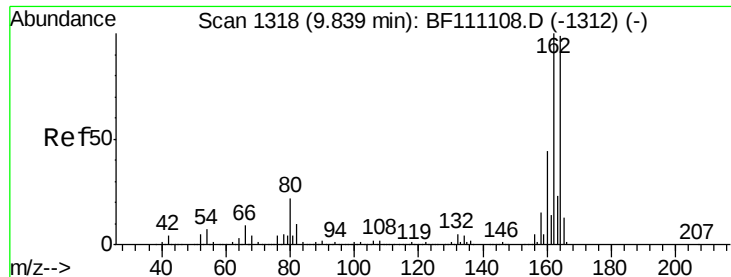
#25
Isophorone
Concen: 25.205 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Tgt Ion: 82 Resp: 1568934
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.6 22.0#



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

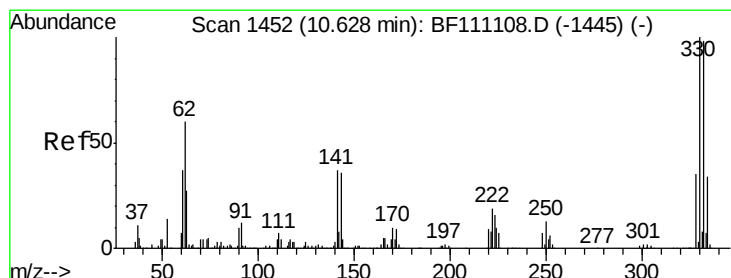
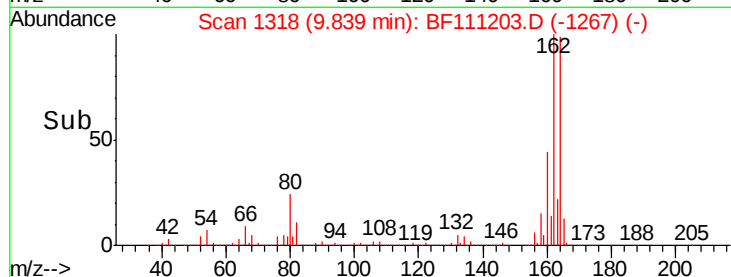
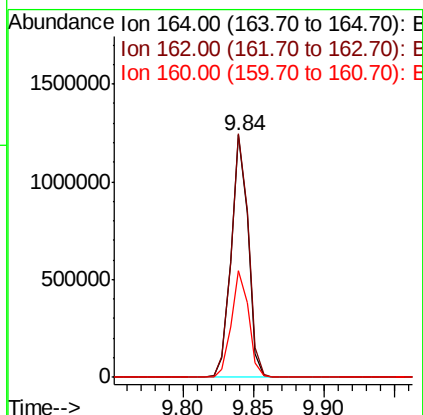
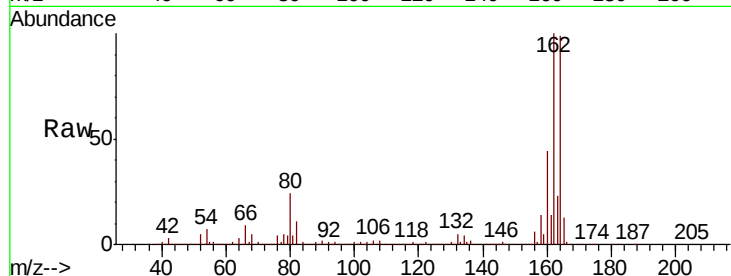




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111203.D
 Acq: 7 Dec 2018 22:44

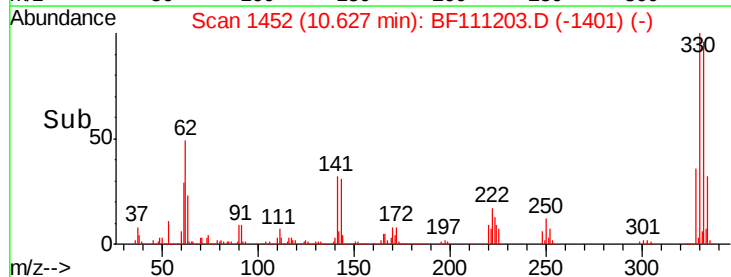
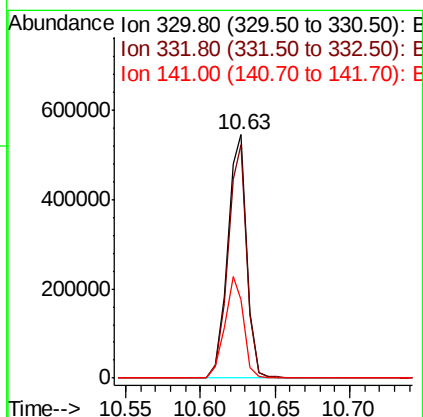
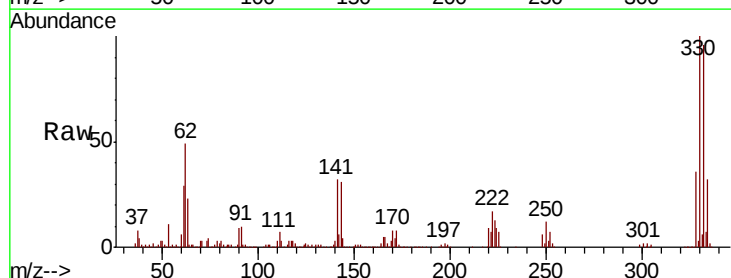
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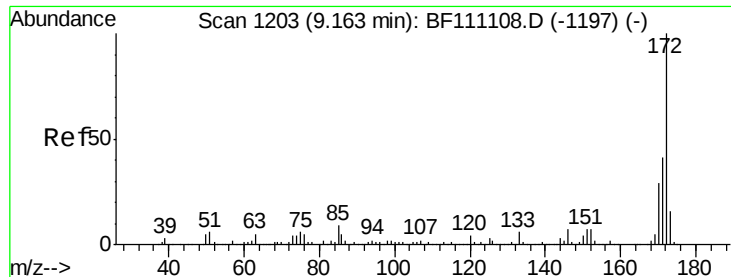
Tgt Ion:164 Resp: 1029494
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.6 120.8
 160 43.9 35.5 53.3



#42
 2,4,6-Tribromophenol
 Concen: 60.913 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111203.D
 Acq: 7 Dec 2018 22:44

Tgt Ion:330 Resp: 498467
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.2 115.8
 141 41.4 36.1 54.1

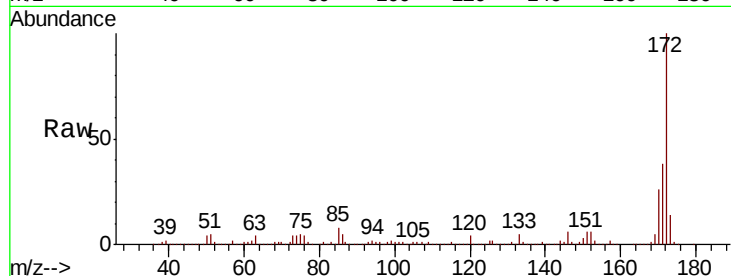




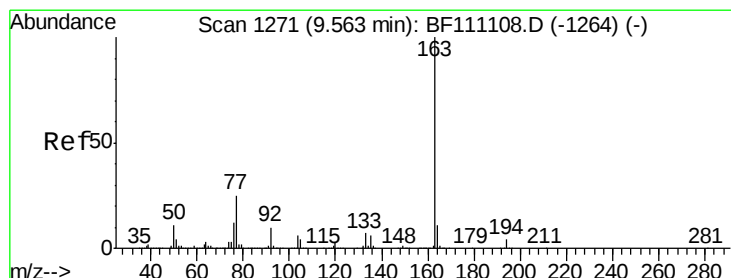
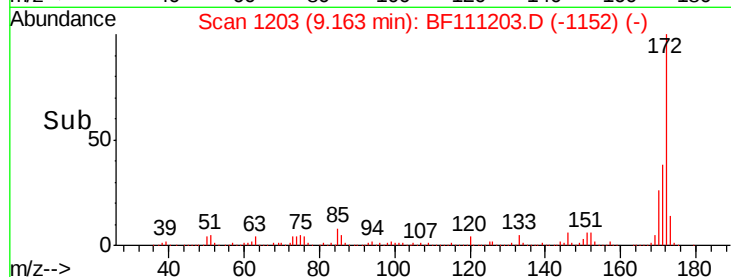
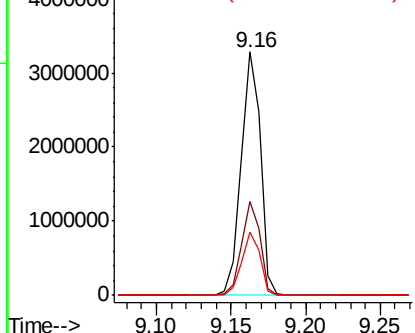
#45
2-Fluorobiphenyl
Concen: 46.678 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 2956482
Ion Ratio Lower Upper
172 100
171 38.4 33.2 49.8
170 26.0 22.9 34.3

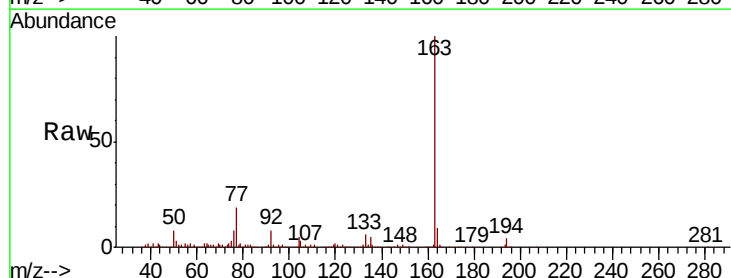


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

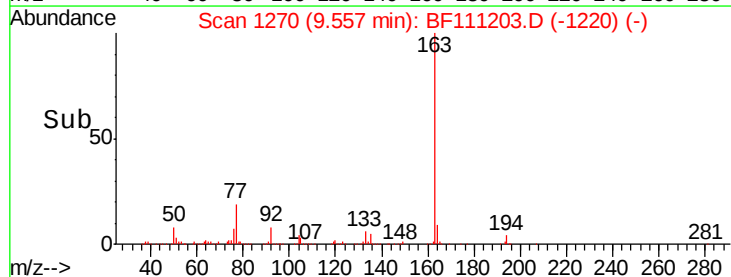
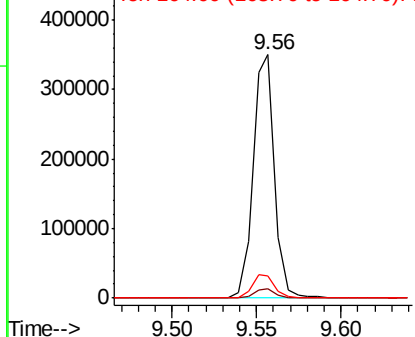


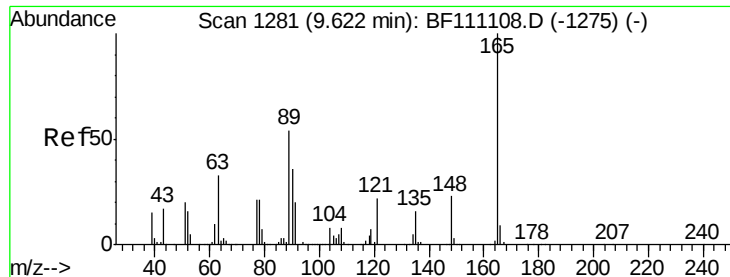
#50
Dimethylphthalate
Concen: 4.315 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Tgt Ion:163 Resp: 309178
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.3 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





#51

2,6-Dinitrotoluene

Concen: 8.894 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.22 min

Lab File: BF111203.D

Acq: 7 Dec 2018 22:44

Instrument :

BNA_F

ClientSampleId :

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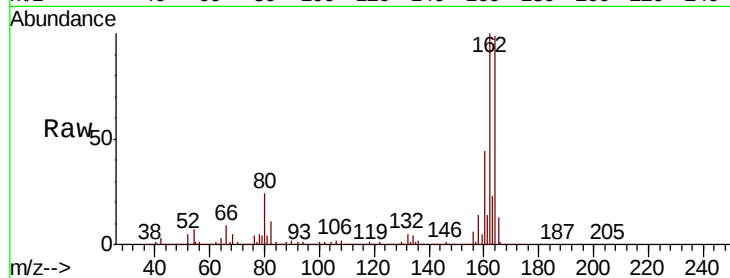
Tgt Ion:165 Resp: 135101

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

89 1.5 43.0 64.4#

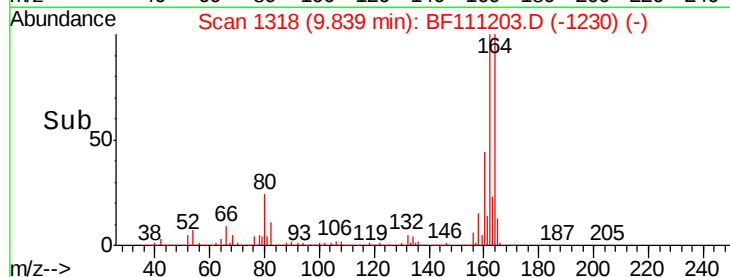


Abundance Ion 165.00 (164.70 to 165.70): E

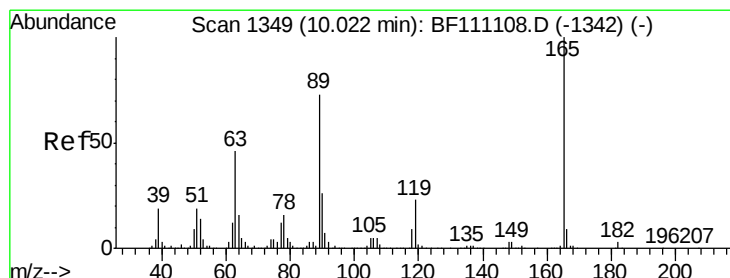
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time--> 9.75 9.80 9.85 9.90



Time--> 9.75 9.80 9.85 9.90



#57

2,4-Dinitrotoluene

Concen: 6.893 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF111203.D

Acq: 7 Dec 2018 22:44

Tgt Ion:165 Resp: 135223

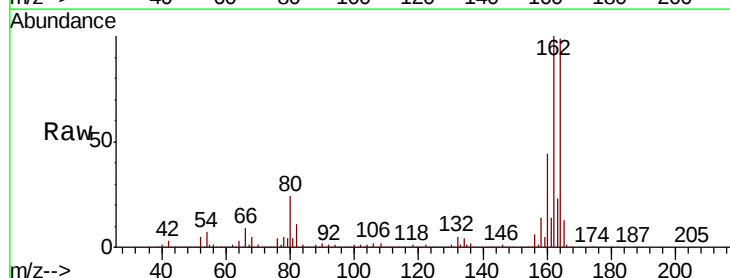
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.5 58.4 87.6#

182 0.3 2.1 3.1#



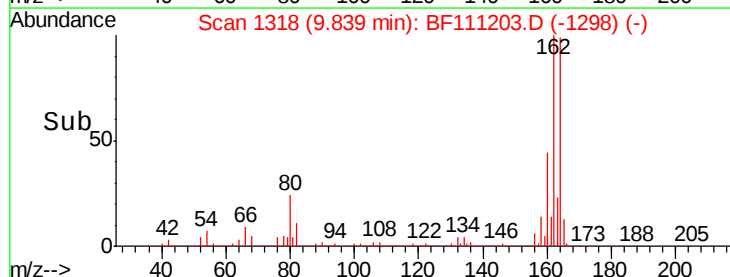
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

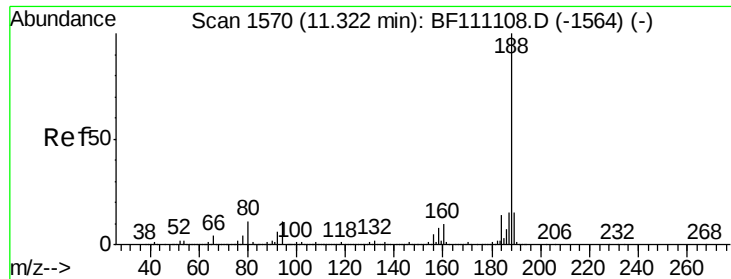
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time--> 9.75 9.80 9.85 9.90



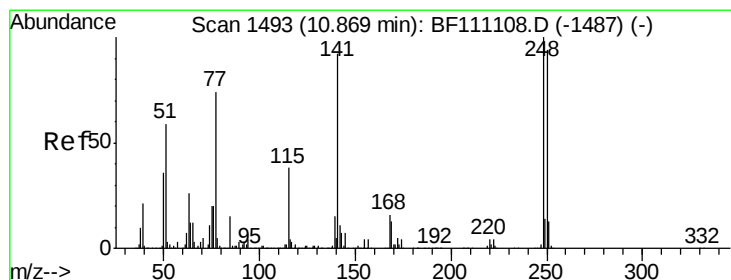
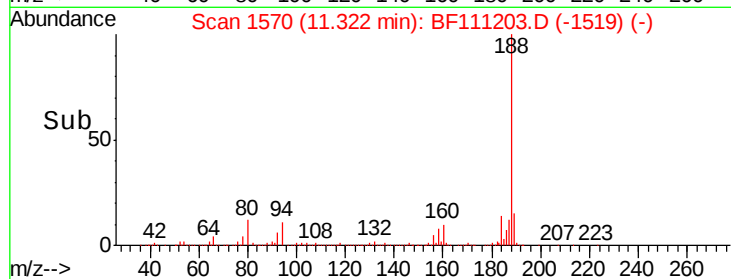
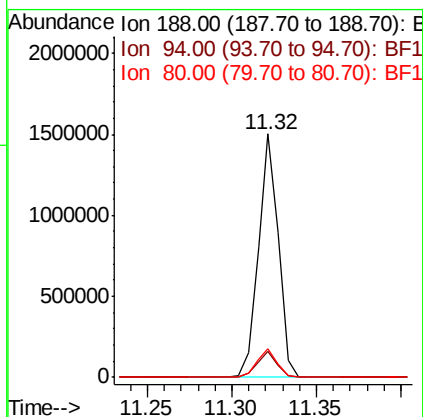
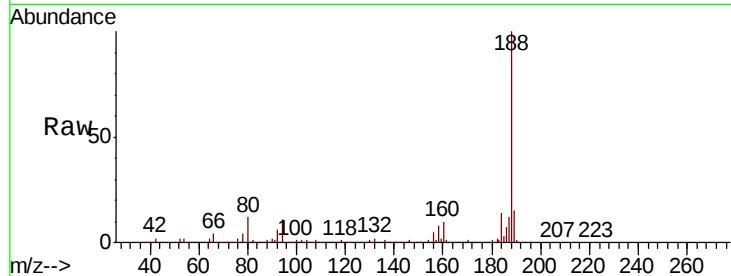
Time--> 9.75 9.80 9.85 9.90



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

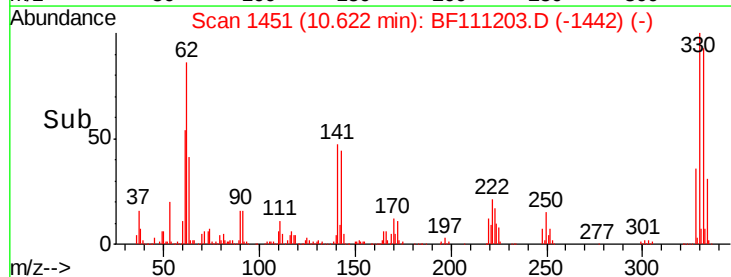
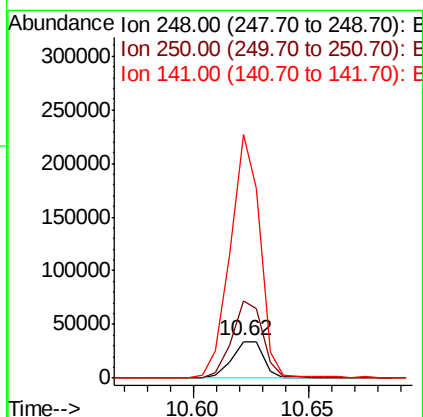
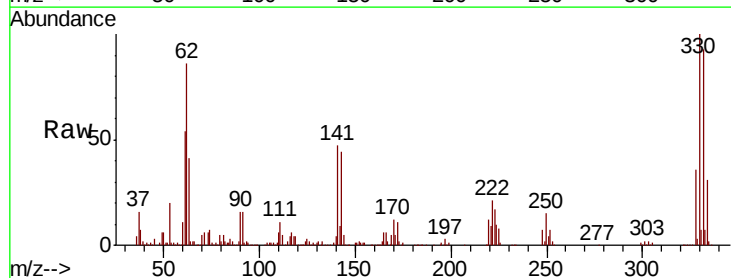
Instrument :
BNA_F
ClientSampleId :
S-1

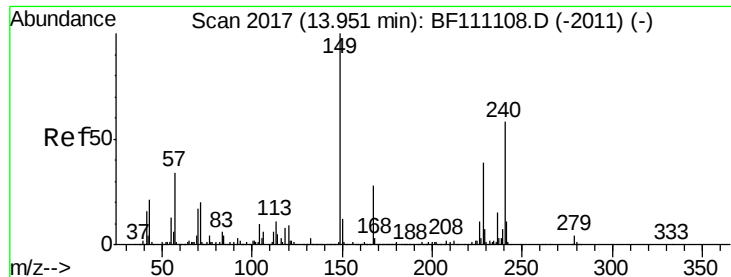
Tgt Ion:188 Resp: 1231221
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.0 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 2.542 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Tgt Ion:248 Resp: 33126
Ion Ratio Lower Upper
248 100
250 212.0 75.4 113.0#
141 666.8 73.8 110.6#

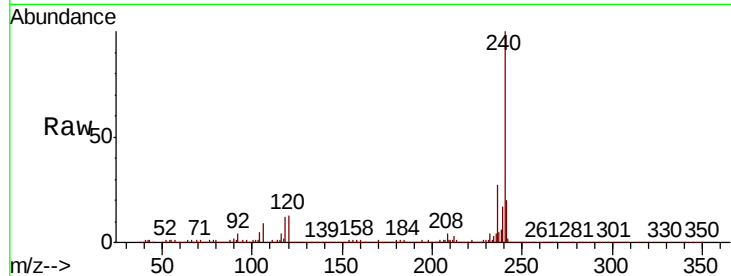




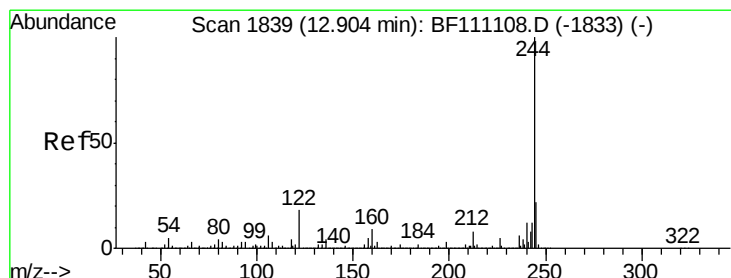
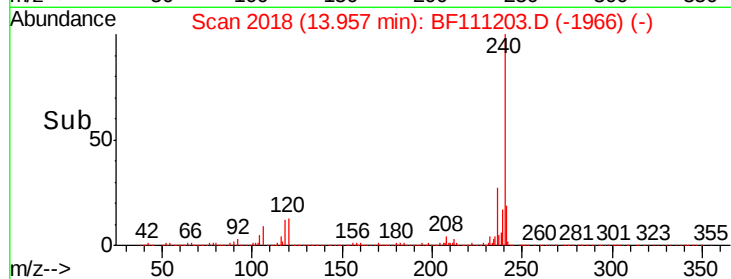
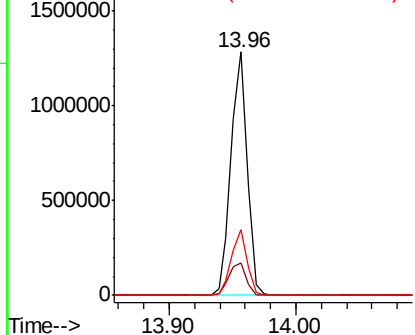
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:240 Resp: 1128148
Ion Ratio Lower Upper
240 100
120 13.2 12.8 19.2
236 26.8 21.1 31.7

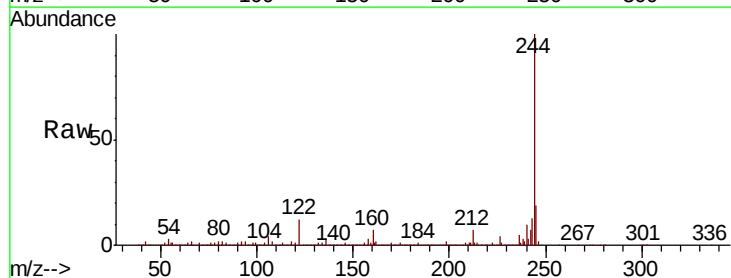


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

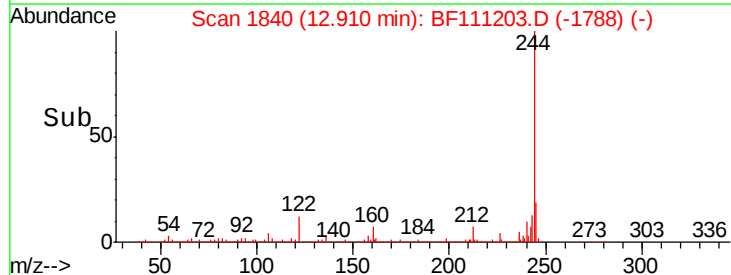
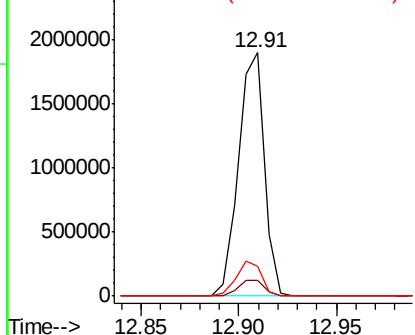


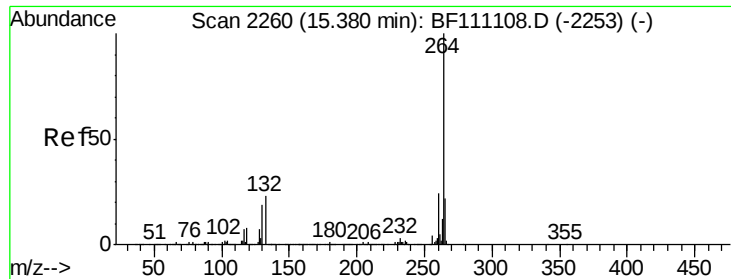
#79
Terphenyl-d14
Concen: 31.612 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Tgt Ion:244 Resp: 1741362
Ion Ratio Lower Upper
244 100
212 6.6 6.6 9.8
122 12.2 14.2 21.2#



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: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111203.D
Acq: 7 Dec 2018 22:44

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 264 Resp: 917482
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 21.8 17.4 26.0

