

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111120.D
 Acq On : 5 Dec 2018 21:16
 Operator : JU/SJ
 Sample : J6134-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Dec 06 01:08:41 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	623239	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2337362	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1056227	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1545677	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1164646	20.00	ng	0.00
87) Perylene-d12	15.39	264	816489	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1717624	43.01	ng	0.00
7) Phenol-d6	6.42	99	1391189	27.04	ng	-0.01
23) Nitrobenzene-d5	7.36	82	2915378	73.84	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	754485	89.86	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4259292	72.54	ng	0.00
79) Terphenyl-d14	12.91	244	3459854	60.84	ng	0.00

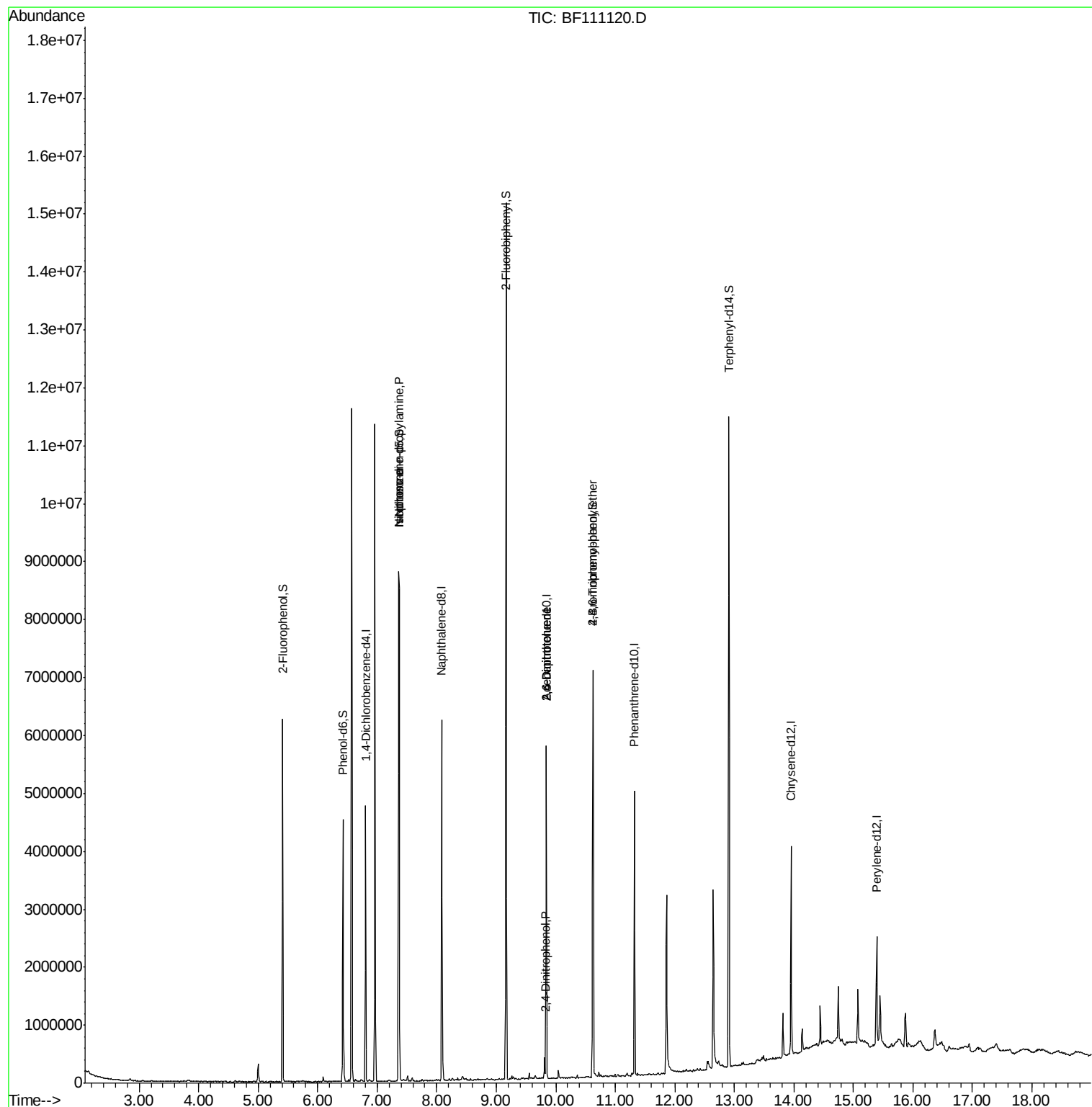
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3559	Below Cal	#	7
19) n-Nitroso-di-n-propylamine	7.36	70	411094	11.890	ng	# 76
25) Isophorone	7.36	82	2908030	40.136	ng	# 65
51) 2,6-Dinitrotoluene	9.84	165	140925	9.042	ng	# 26
54) 2,4-Dinitrophenol	9.82	184	160	6.634	ng	# 36
57) 2,4-Dinitrotoluene	9.84	165	140925	7.001	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	53928	3.296	ng	# 1
77) Benzydine	12.64	184	2225	Below Cal	#	1

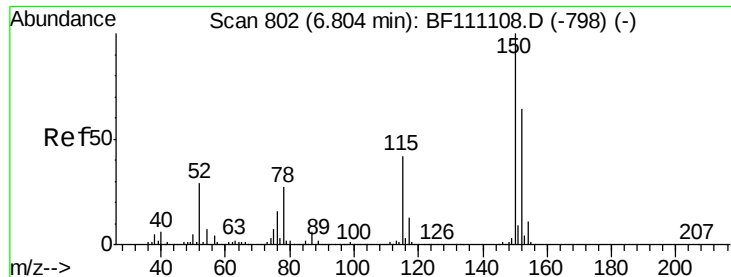
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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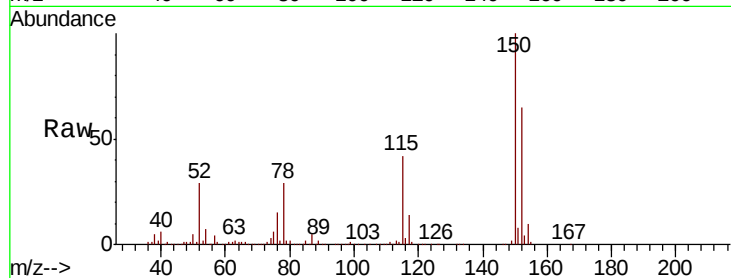




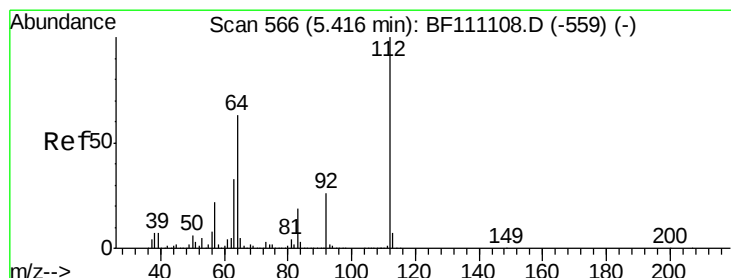
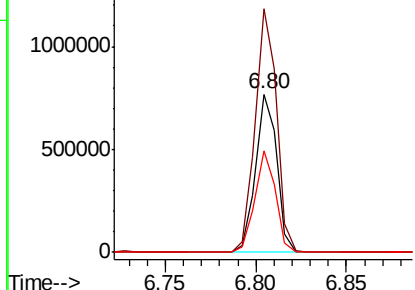
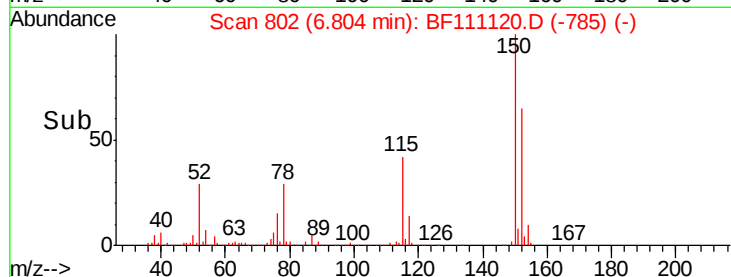
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF111120.D
 Acq: 5 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:152 Resp: 623239
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 187.0
 115 64.1 52.2 78.2

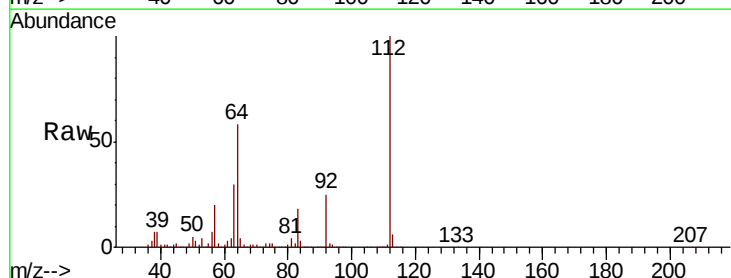


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

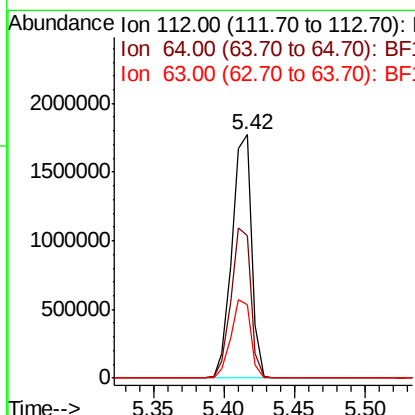
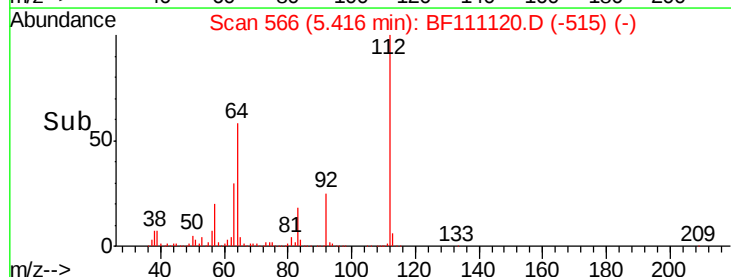


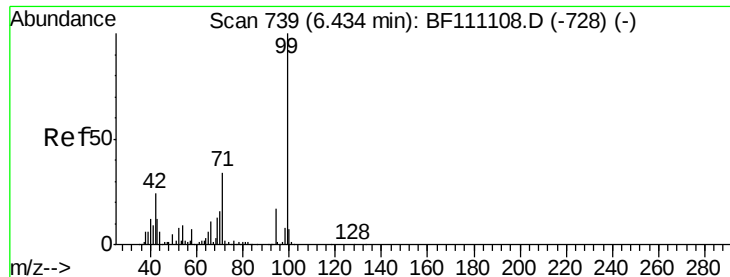
#5
 2-Fluorophenol
 Concen: 43.006 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF111120.D
 Acq: 5 Dec 2018 21:16

Tgt Ion:112 Resp: 1717624
 Ion Ratio Lower Upper
 112 100
 64 58.3 50.2 75.4
 63 30.2 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: 27.040 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111120.D

Acq: 5 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

MW-9

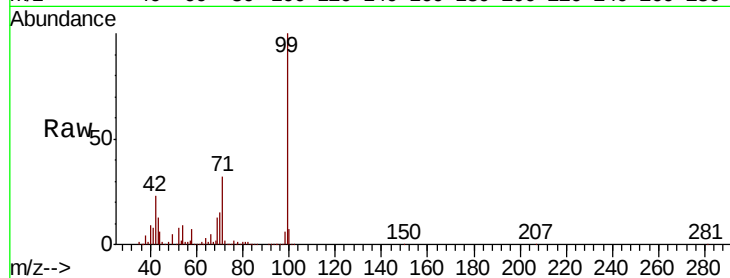
Tgt Ion: 99 Resp: 1391189

Ion Ratio Lower Upper

99 100

42 23.0 19.3 28.9

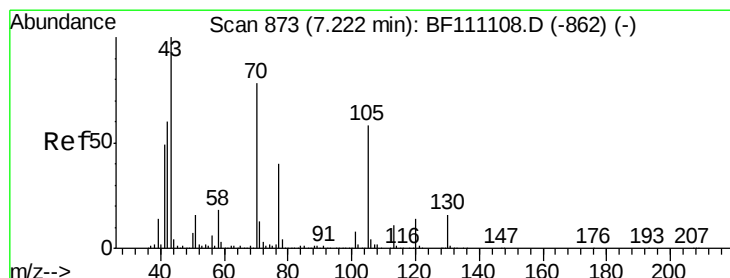
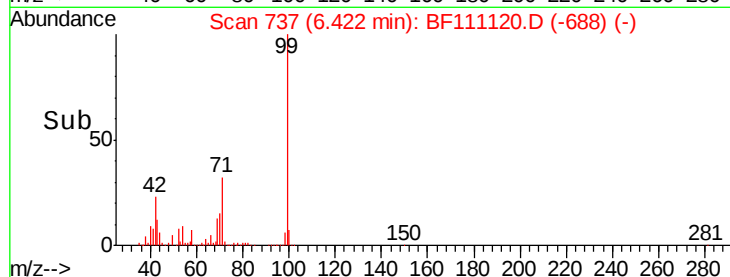
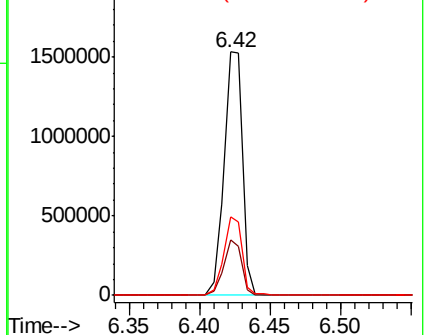
71 32.4 27.4 41.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.890 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF111120.D

Acq: 5 Dec 2018 21:16

Tgt Ion: 70 Resp: 411094

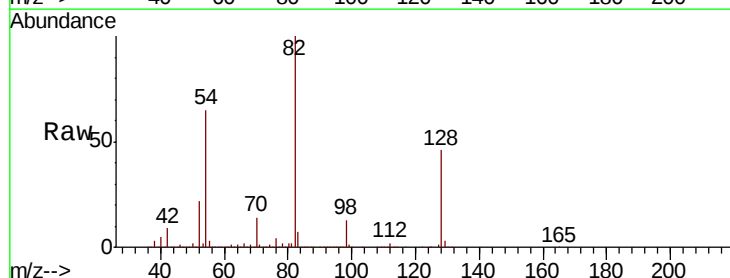
Ion Ratio Lower Upper

70 100

42 60.2 61.3 91.9#

101 0.0 7.7 11.5#

130 2.2 16.3 24.5#

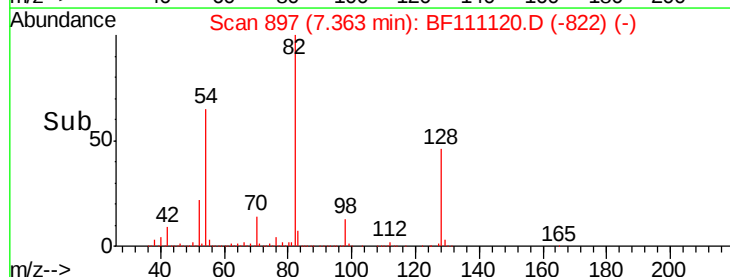
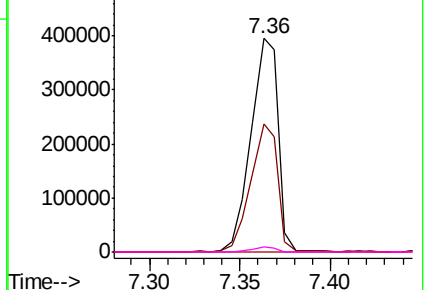


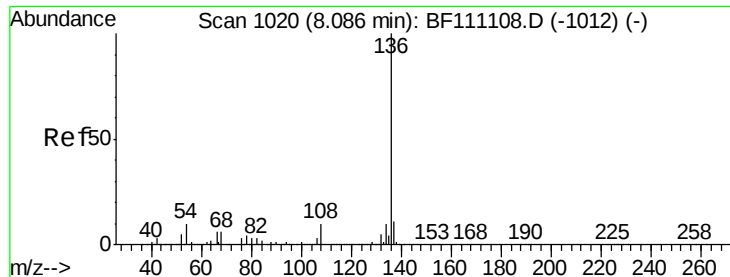
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

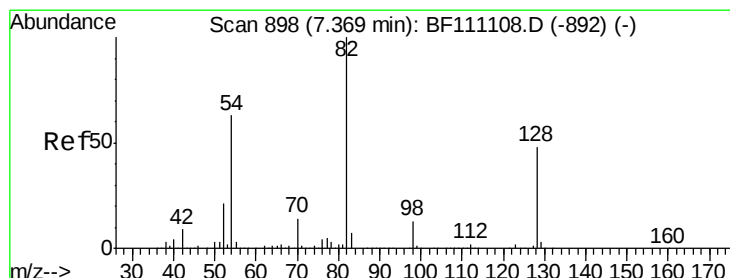
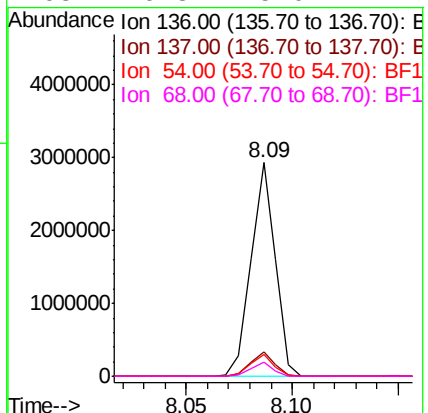
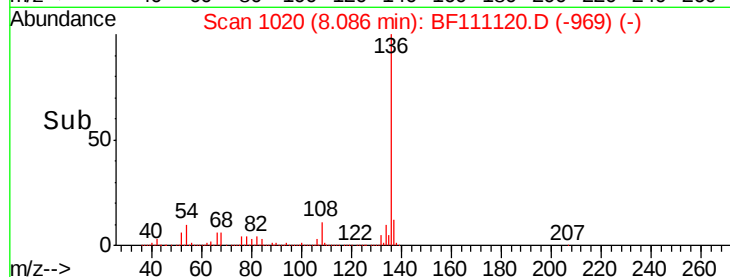
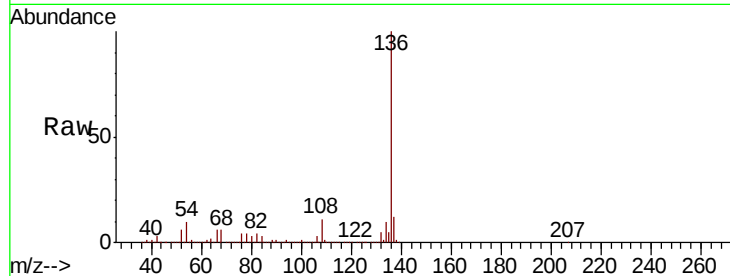




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

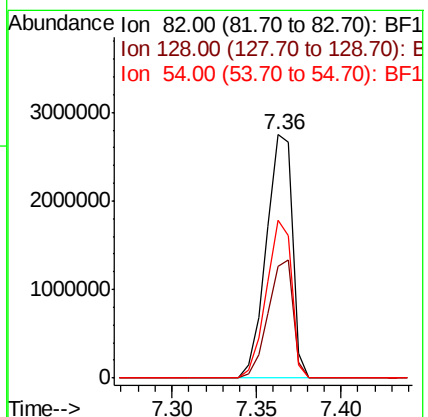
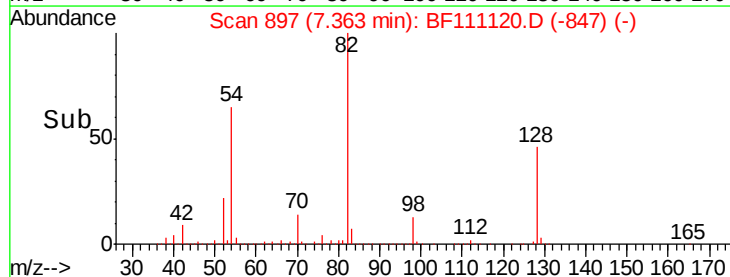
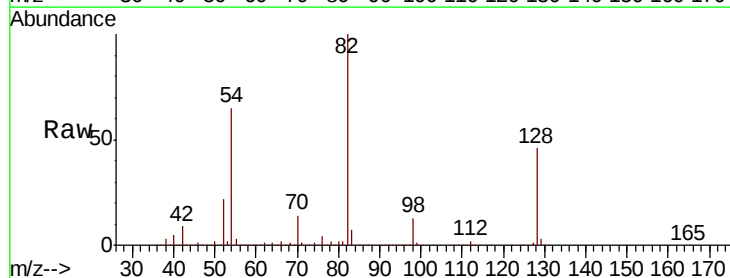
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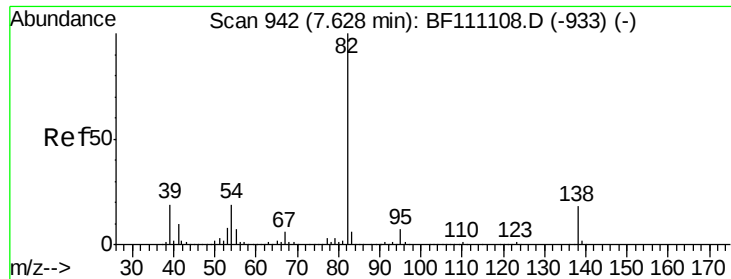
Tgt Ion:	136	Resp:	2337362
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.2	8.4	12.6
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 73.844 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion:	82	Resp:	2915378
Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.1	57.1
54	64.9	50.3	75.5

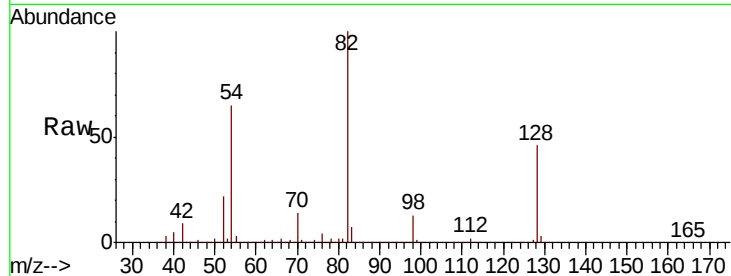




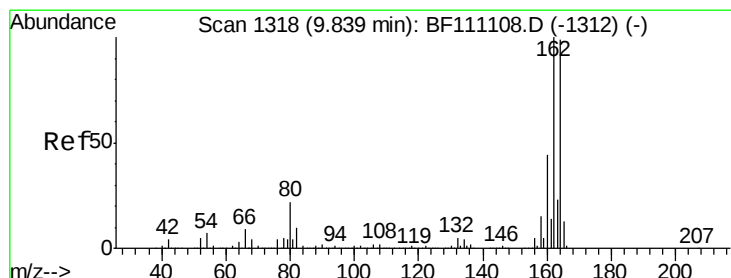
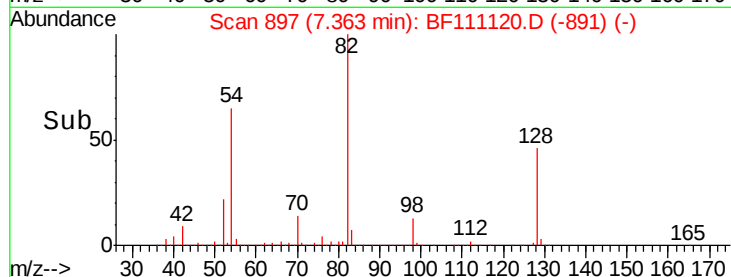
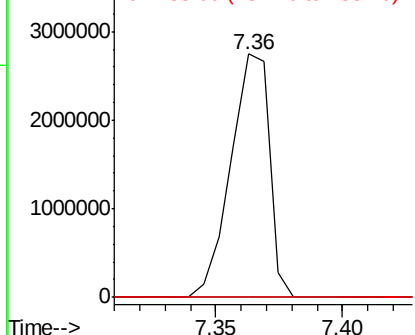
#25
Isophorone
Concen: 40.136 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 82 Resp: 2908030
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

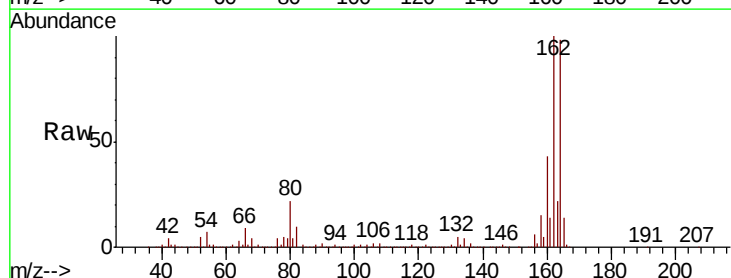


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

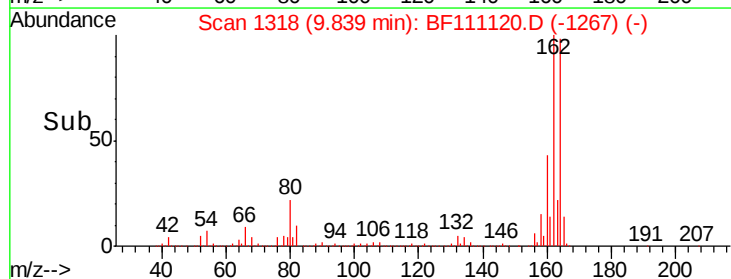
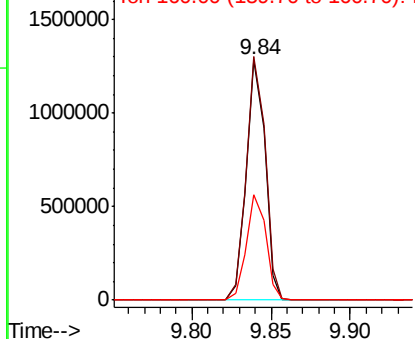


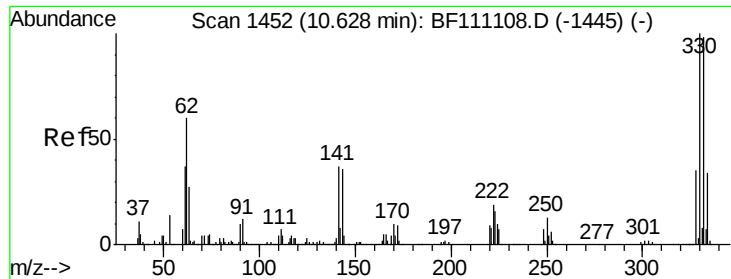
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion: 164 Resp: 1056227
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.1 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: 89.865 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111120.D

Acq: 5 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

MW-9

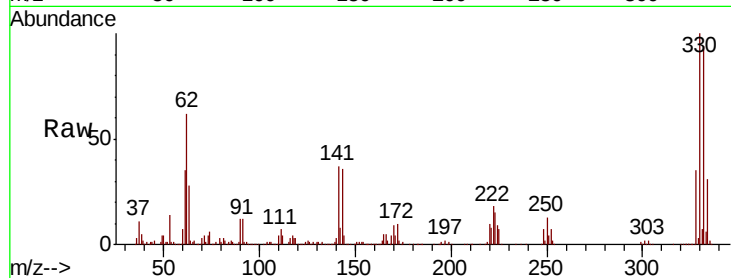
Tgt Ion:330 Resp: 754485

Ion Ratio Lower Upper

330 100

332 94.6 77.2 115.8

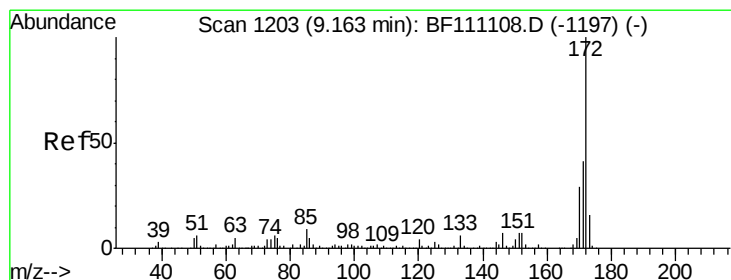
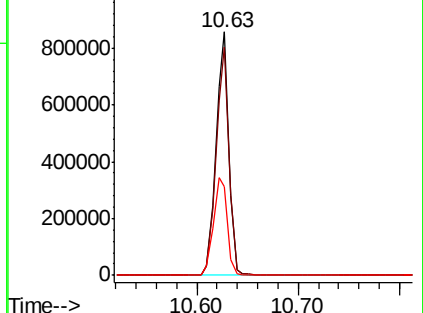
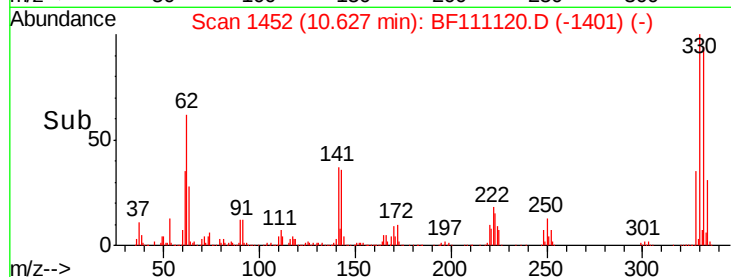
141 43.4 36.1 54.1



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: 72.538 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111120.D

Acq: 5 Dec 2018 21:16

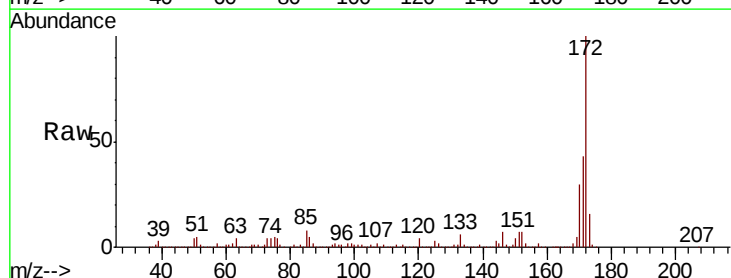
Tgt Ion:172 Resp: 4259292

Ion Ratio Lower Upper

172 100

171 42.9 33.2 49.8

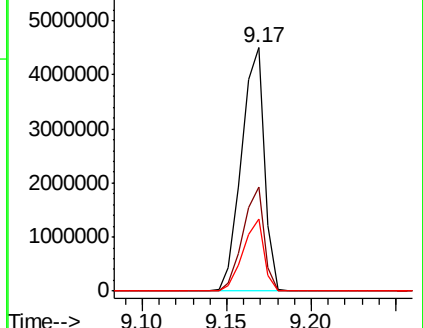
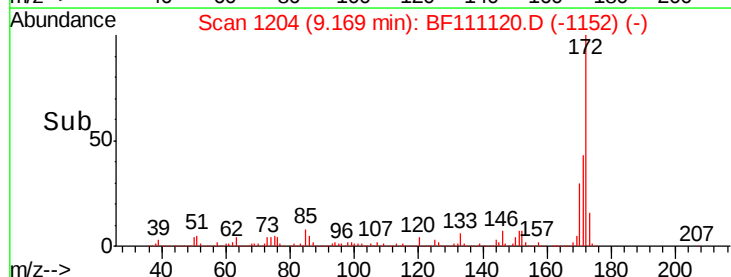
170 29.7 22.9 34.3

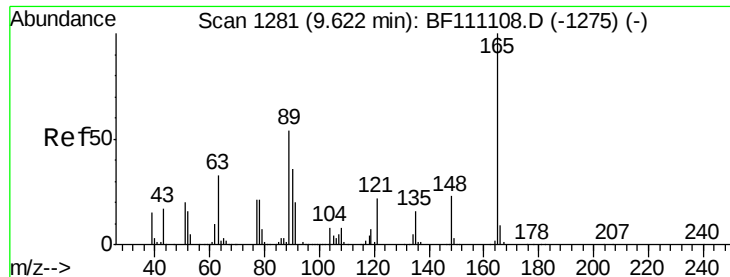


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

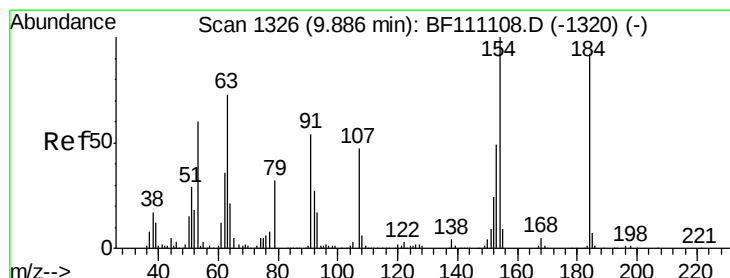
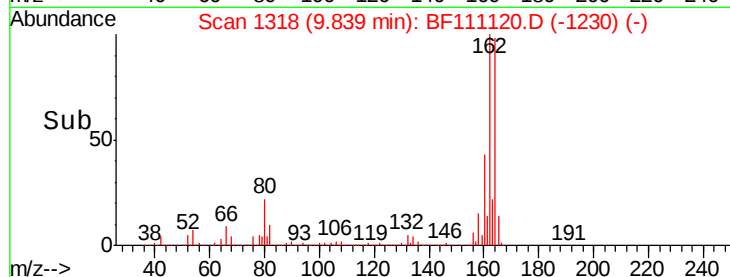
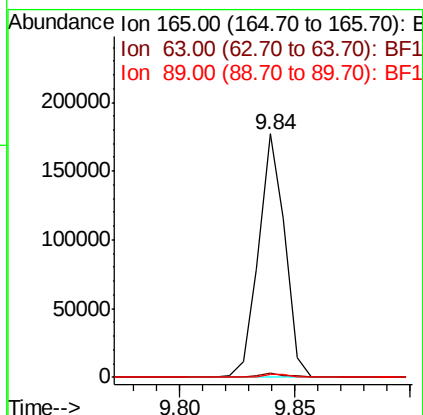
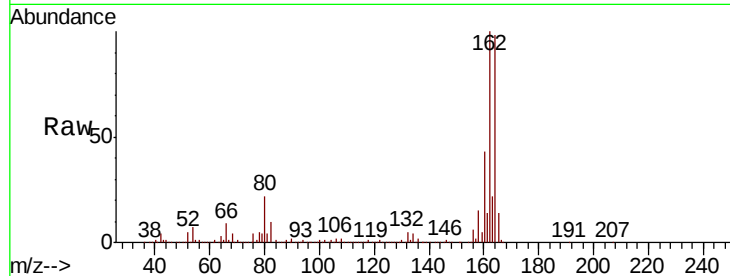




#51
 2,6-Dinitrotoluene
 Concen: 9.042 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.22 min
 Lab File: BF111120.D
 Acq: 5 Dec 2018 21:16

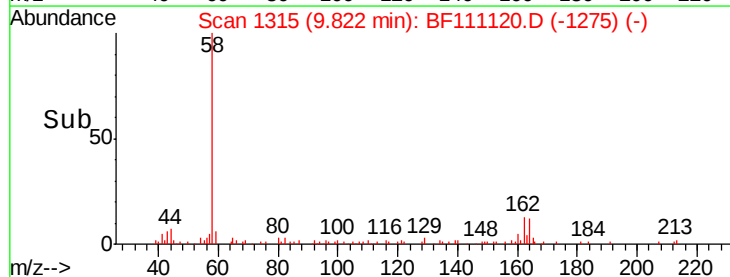
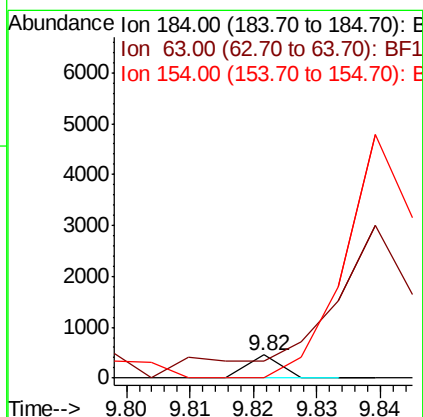
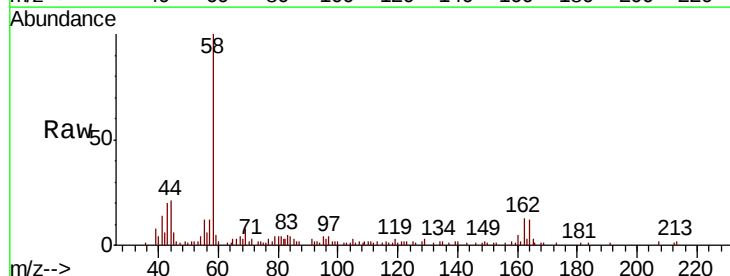
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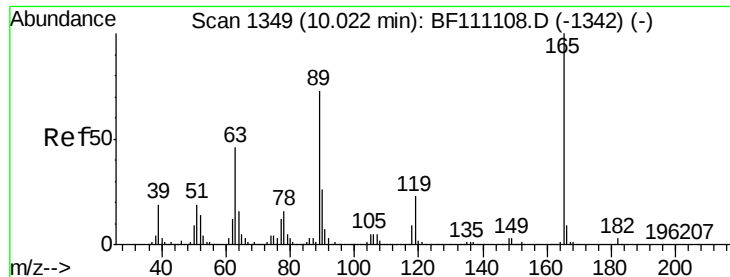
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.2	43.0	64.4#



#54
 2,4-Dinitrophenol
 Concen: 6.634 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.06 min
 Lab File: BF111120.D
 Acq: 5 Dec 2018 21:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	64.2	96.4
154	0.0	89.5	134.3#

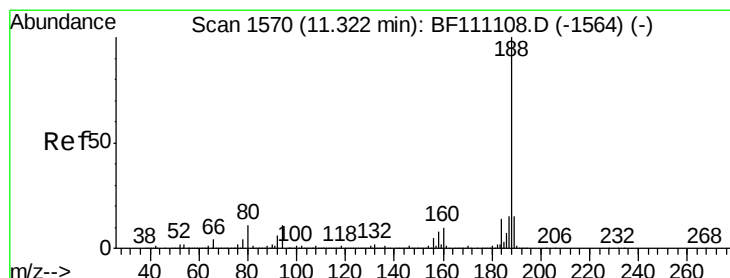
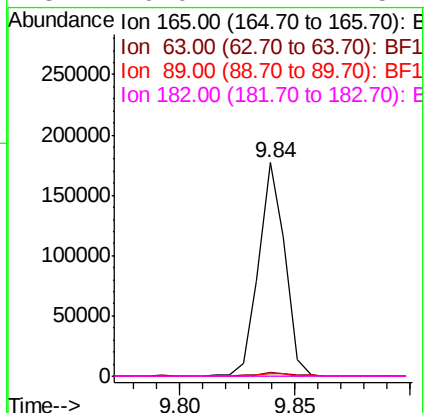
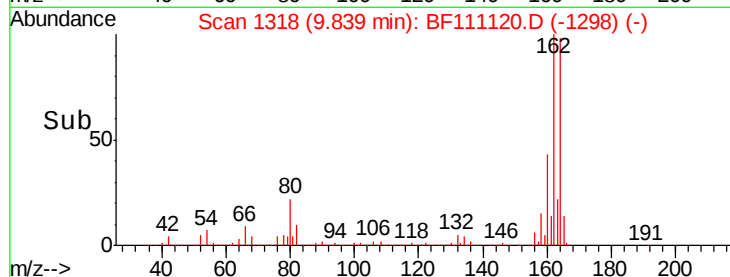
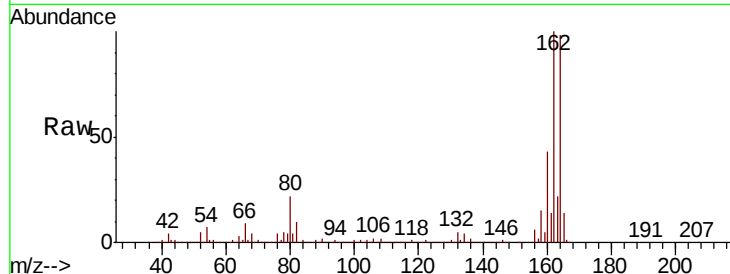




#57
2,4-Dinitrotoluene
Concen: 7.001 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

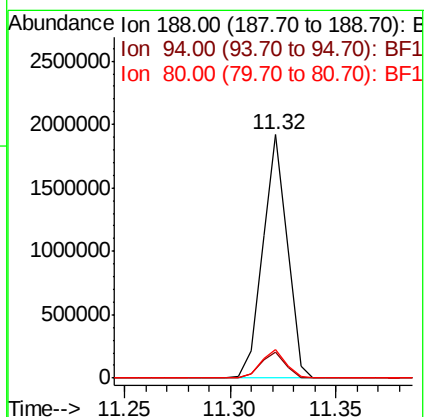
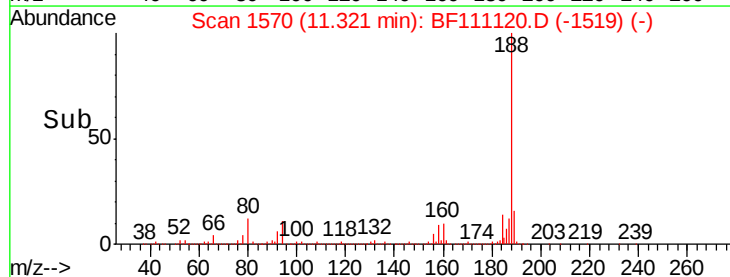
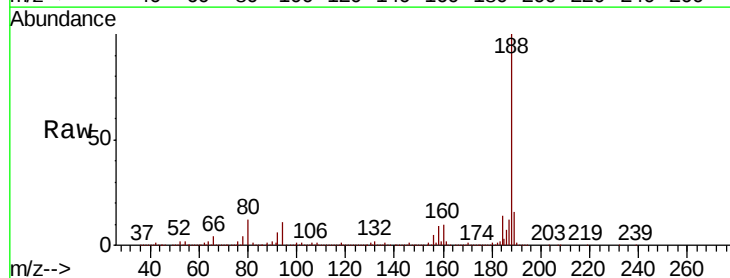
Instrument :
BNA_F
ClientSampled :
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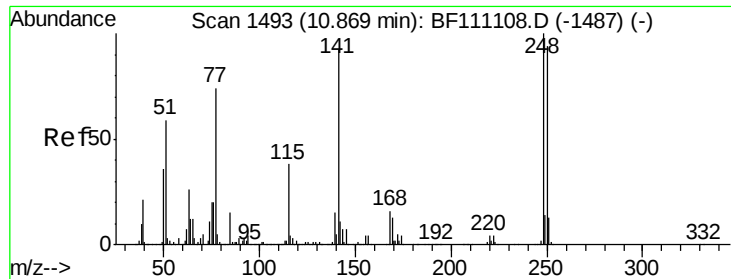
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.7	55.1#
89	1.2	58.4	87.6#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111120.D
Acq: 5 Dec 2018 21:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.9	9.0	13.6

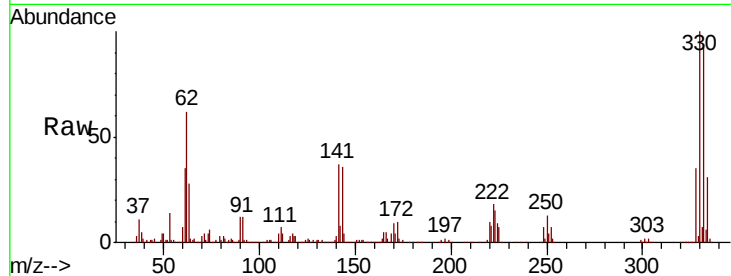




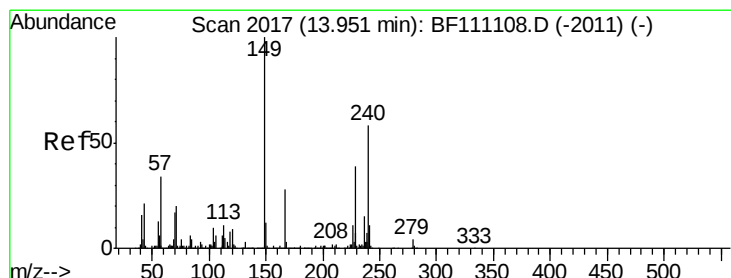
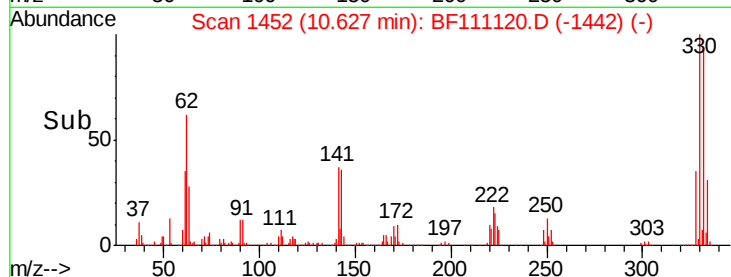
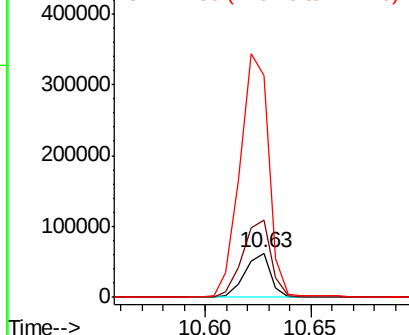
#67
 4-Bromophenyl-phenylether
 Concen: 3.296 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111120.D
 Acq: 5 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:248 Resp: 53928
 Ion Ratio Lower Upper
 248 100
 250 175.6 75.4 113.0#
 141 506.6 73.8 110.6#

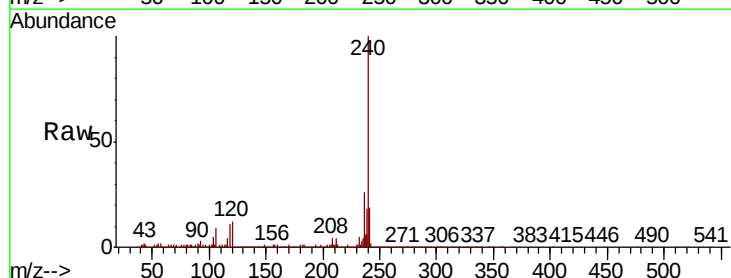


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

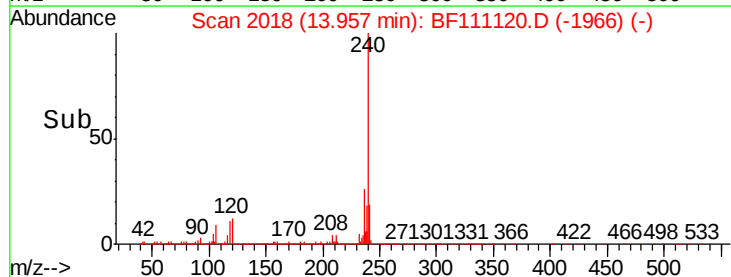
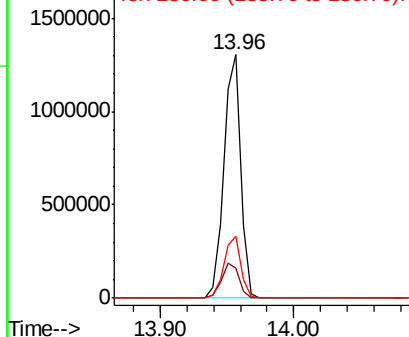


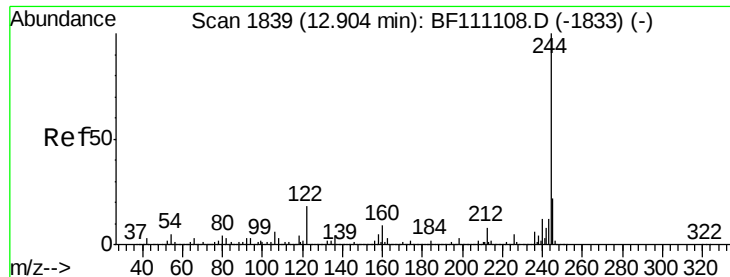
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111120.D
 Acq: 5 Dec 2018 21:16

Tgt Ion:240 Resp: 1164646
 Ion Ratio Lower Upper
 240 100
 120 12.2 12.8 19.2#
 236 25.6 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

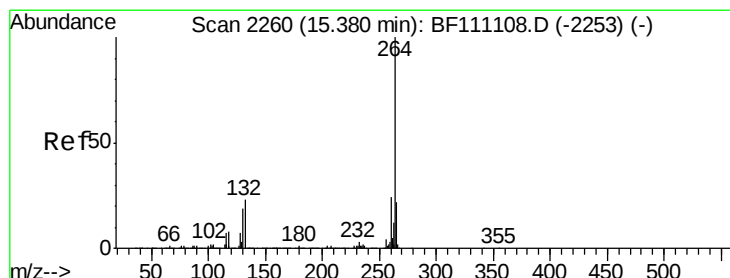
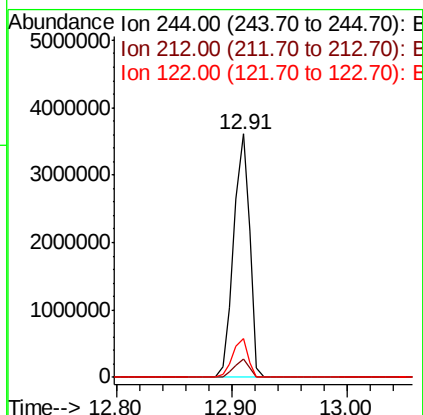
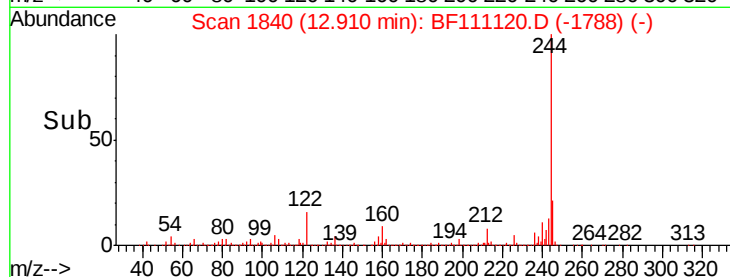
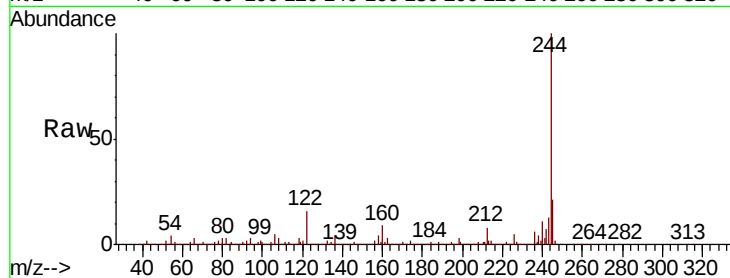




#79
 Terphenyl-d14
 Concen: 60.840 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111120.D
 Acq: 5 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:244 Resp: 3459854
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 16.0 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111120.D
 Acq: 5 Dec 2018 21:16

Tgt Ion:264 Resp: 816489
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 22.0 17.4 26.0

