

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111119.D
 Acq On : 5 Dec 2018 20:49
 Operator : JU/SJ
 Sample : J5764-29 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-113018-E

Quant Time: Dec 06 01:08:31 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	555007	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2135037	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	946247	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1399764	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1017141	20.00	ng	0.00
87) Perylene-d12	15.39	264	721376	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1630982	45.86	ng	0.00
7) Phenol-d6	6.43	99	2116816	46.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	1249888	34.66	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	313638	41.70	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2104057	32.24	ng	0.00
79) Terphenyl-d14	12.91	244	1455701	29.31	ng	0.00

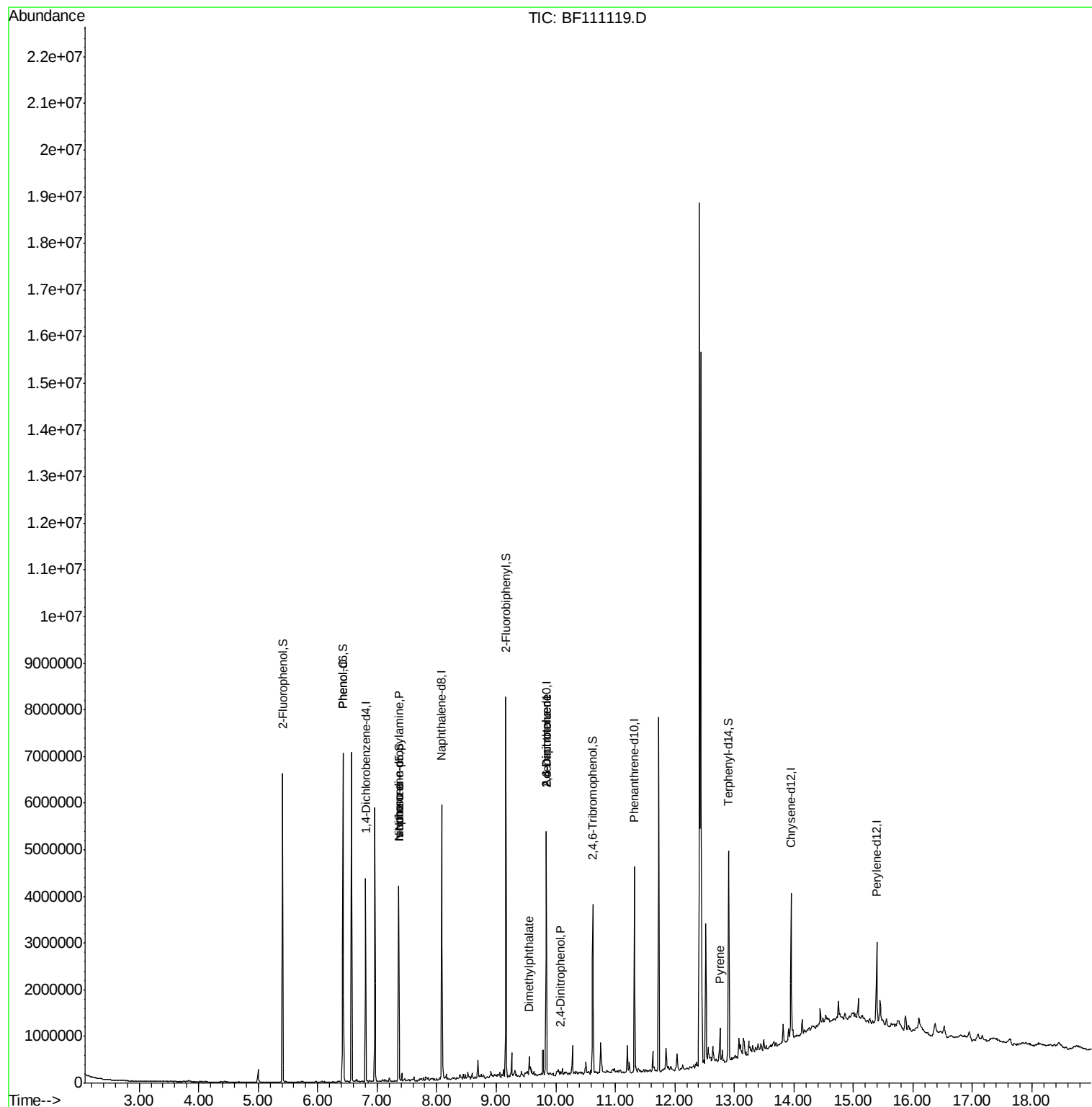
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.35	77	1988	Below Cal		# 49
10) Phenol	6.43	94	127985	2.562	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	166114	5.395	ng	# 73
25) Isophorone	7.36	82	1244927	18.810	ng	# 65
50) Dimethylphthalate	9.55	163	133258	2.024	ng	99
51) 2,6-Dinitrotoluene	9.84	165	124300	8.903	ng	# 26
54) 2,4-Dinitrophenol	10.07	184	109	6.627	ng	# 1
57) 2,4-Dinitrotoluene	9.84	165	124300	6.893	ng	# 23
77) Benzidine	12.66	184	1558	Below Cal		# 1
78) Pyrene	12.76	202	159747	2.016	ng	96

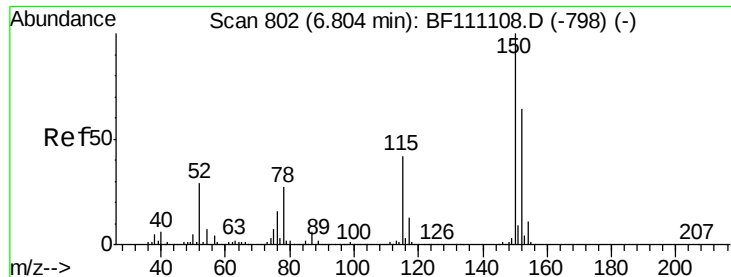
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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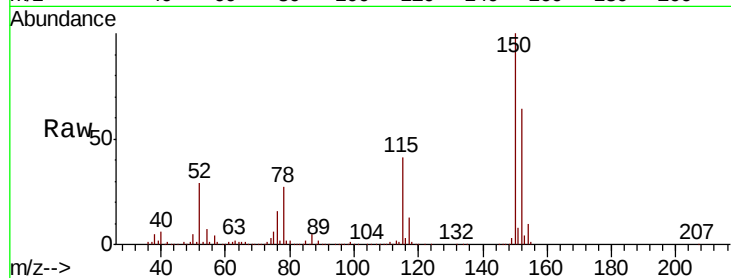


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-E

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	187.0
115	64.1	52.2	78.2

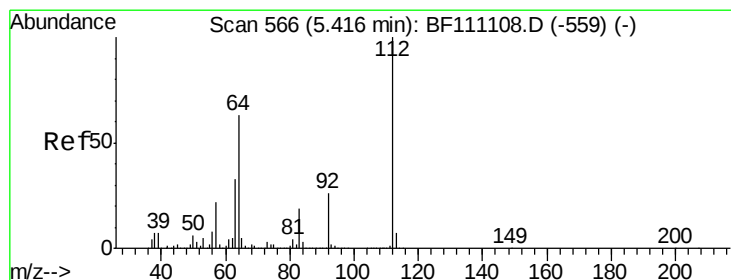
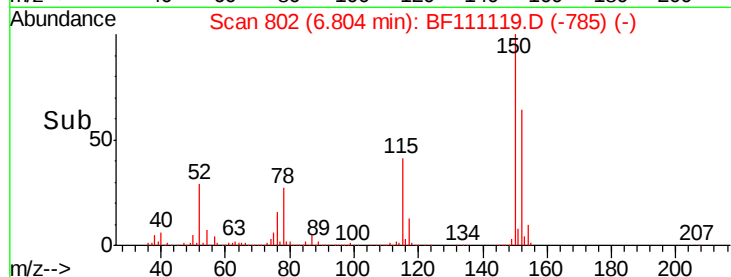
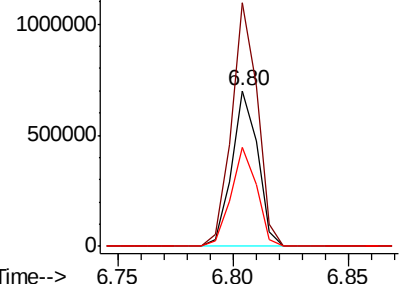


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

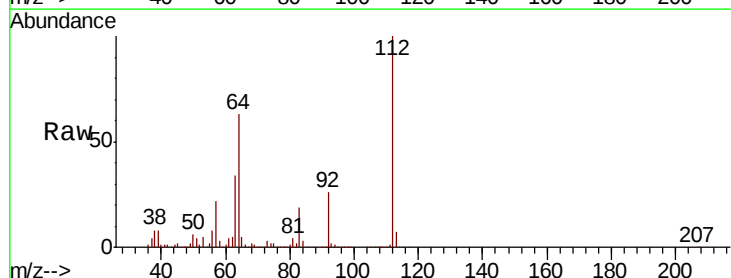
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.857 ng
RT: 5.41 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.2	75.4
63	33.9	26.6	39.8

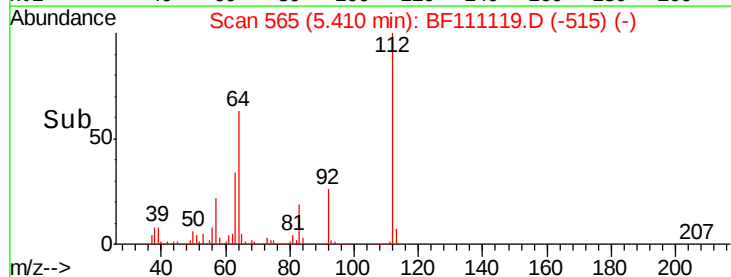
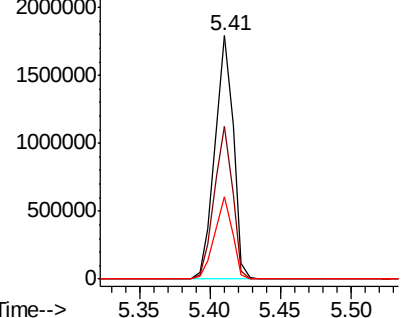


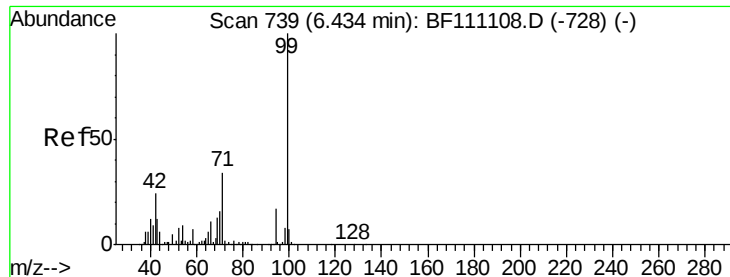
Abundance

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: 46.202 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-E

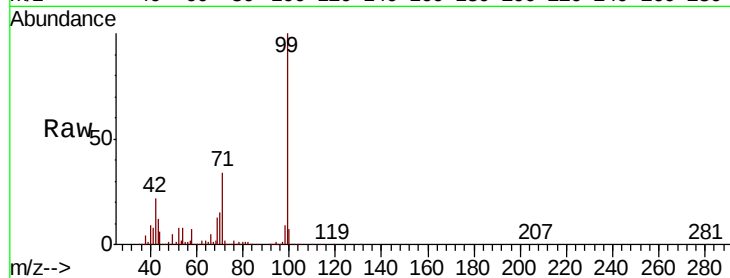
Tgt Ion: 99 Resp: 2116816

Ion Ratio Lower Upper

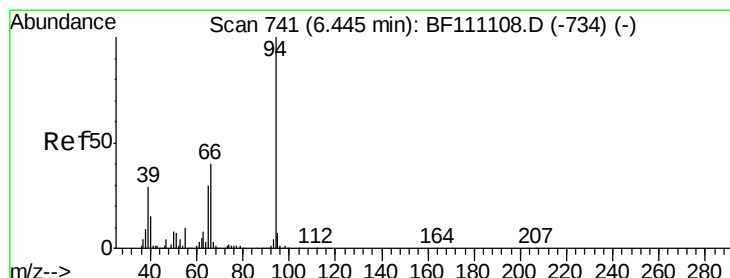
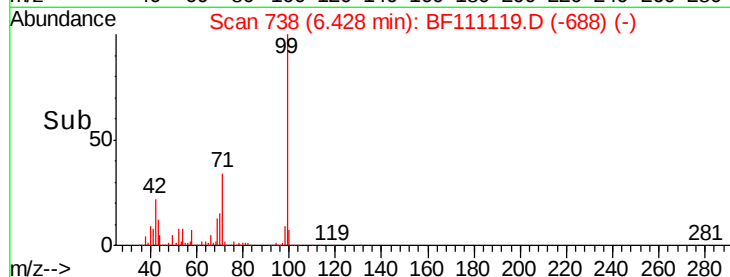
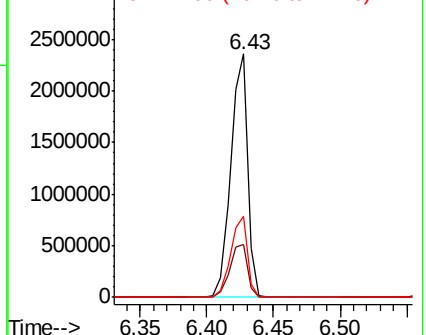
99 100

42 21.9 19.3 28.9

71 33.5 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: 2.562 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

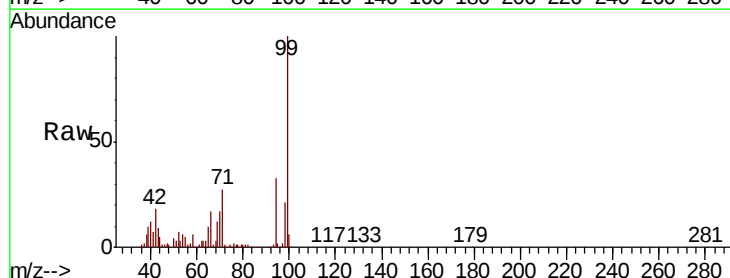
Tgt Ion: 94 Resp: 127985

Ion Ratio Lower Upper

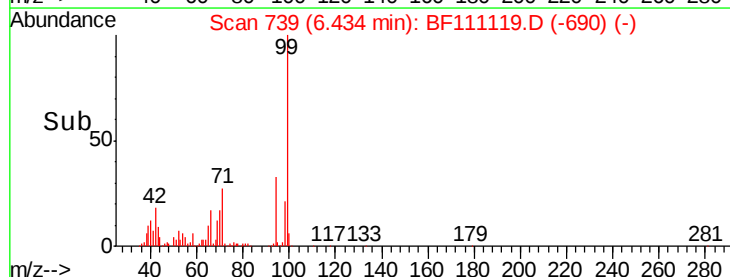
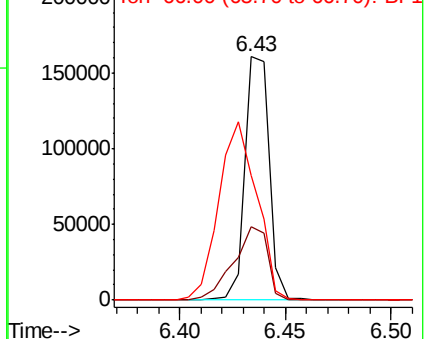
94 100

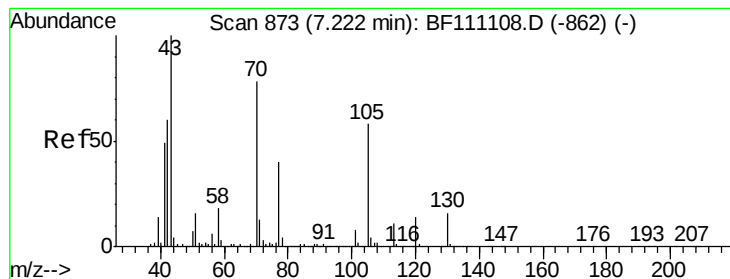
65 30.4 10.5 50.5

66 51.0 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: 5.395 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-E

Tgt Ion: 70 Resp: 166114

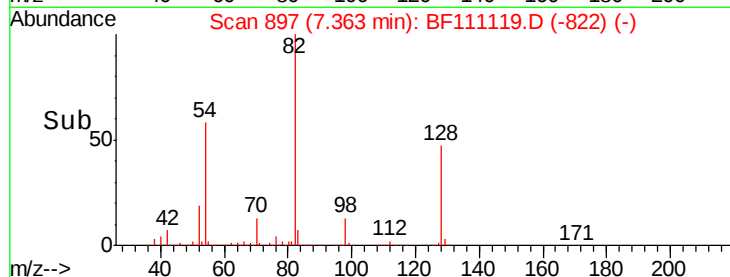
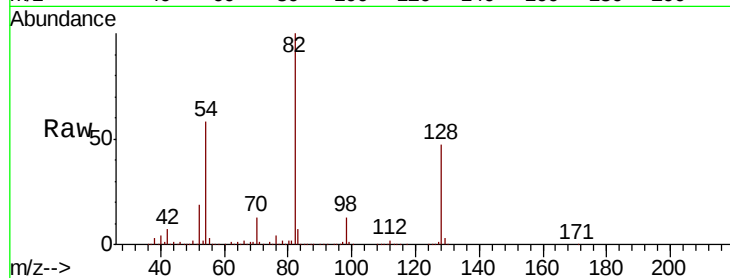
Ion Ratio Lower Upper

70 100

42 56.7 61.3 91.9#

101 0.0 7.7 11.5#

130 2.1 16.3 24.5#

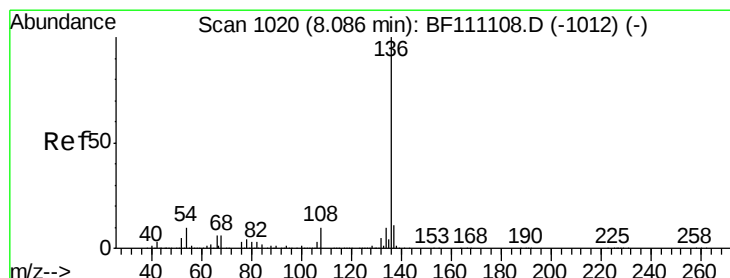
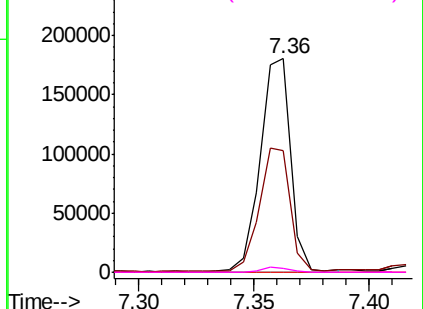


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF111119.D

Acq: 5 Dec 2018 20:49

Tgt Ion: 136 Resp: 2135037

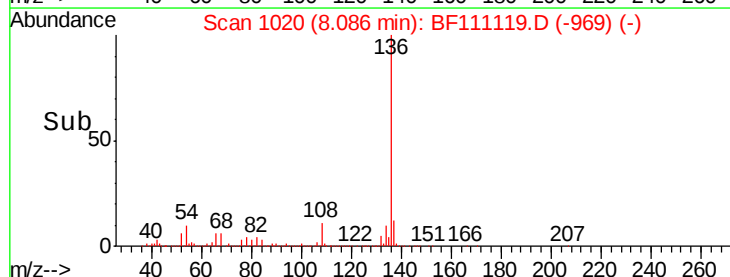
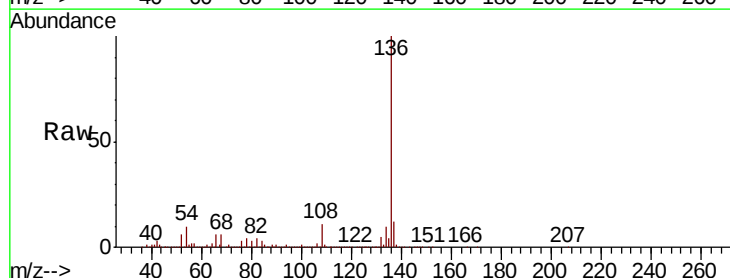
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 10.5 8.4 12.6

68 5.9 5.0 7.4

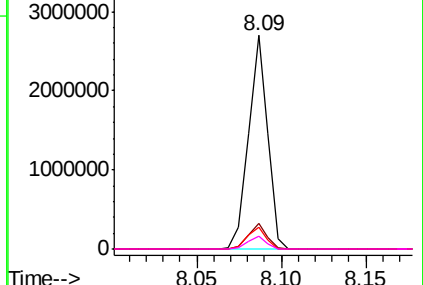


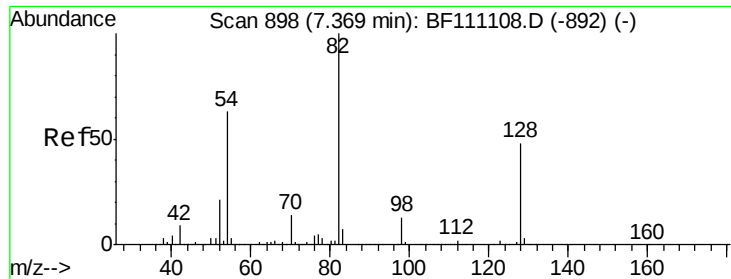
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

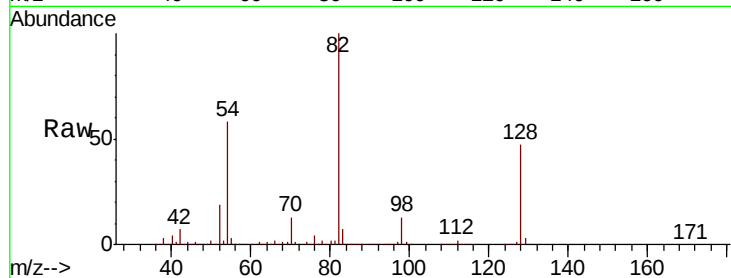




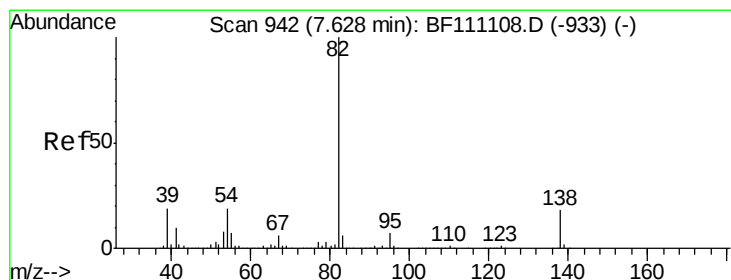
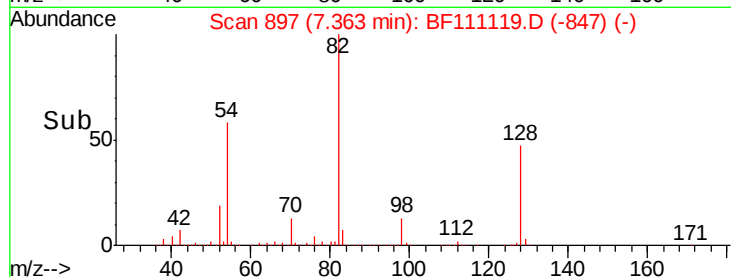
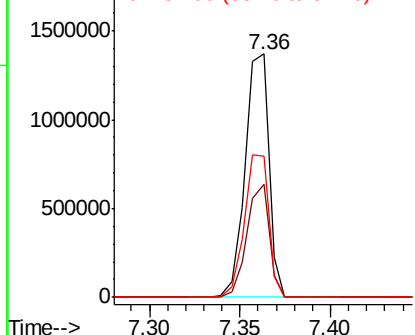
#23
 Nitrobenzene-d5
 Concen: 34.659 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111119.D
 Acq: 5 Dec 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-113018-E

Tgt Ion: 82 Resp: 1249888
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.1 57.1
 54 57.8 50.3 75.5

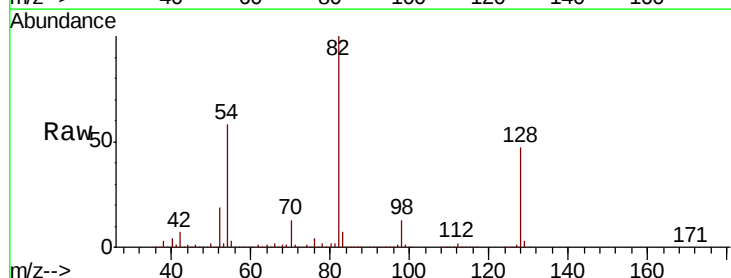


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

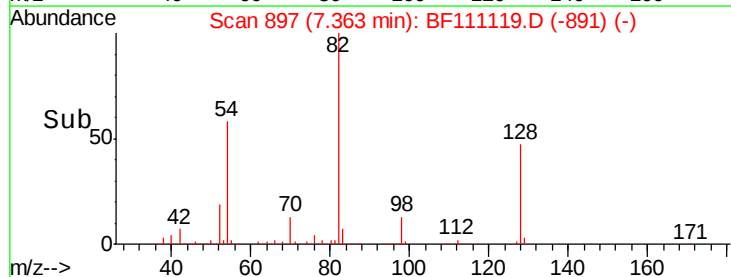
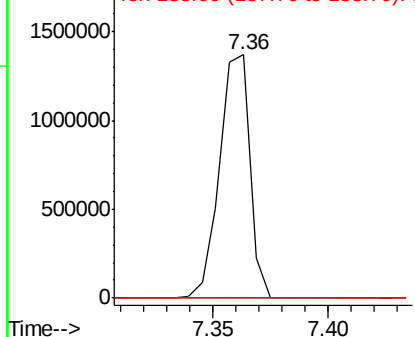


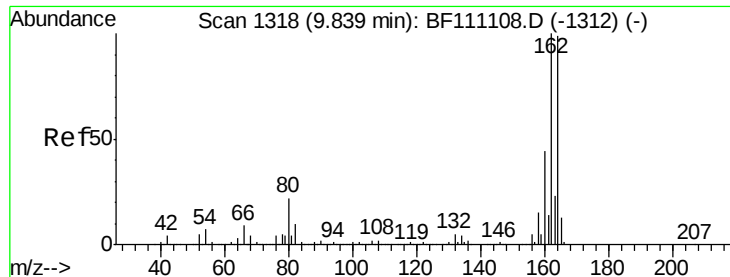
#25
 Isophorone
 Concen: 18.810 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF111119.D
 Acq: 5 Dec 2018 20:49

Tgt Ion: 82 Resp: 1244927
 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

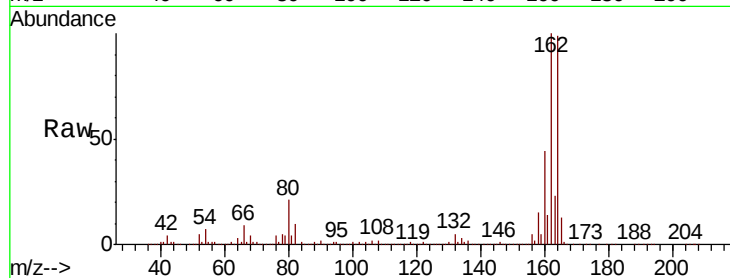




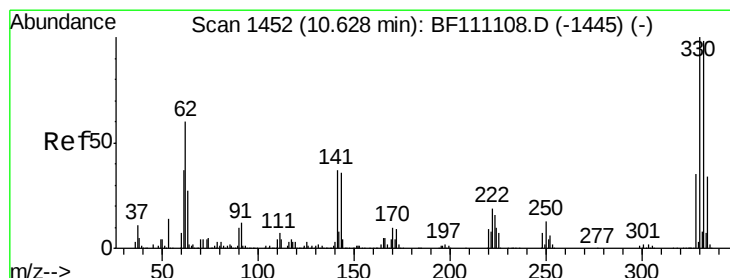
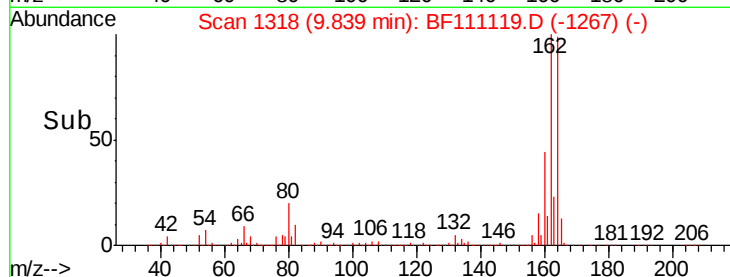
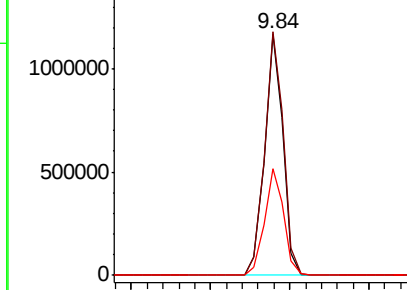
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-E

Tgt Ion:164 Resp: 946247
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.2 35.5 53.3

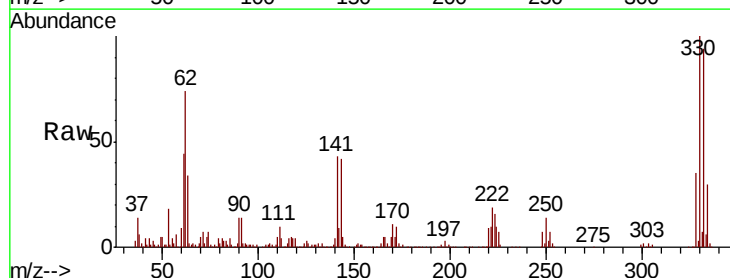


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

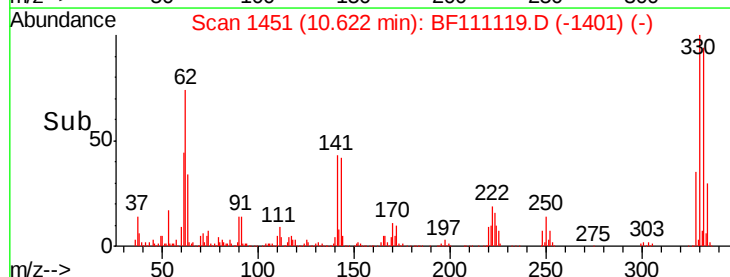
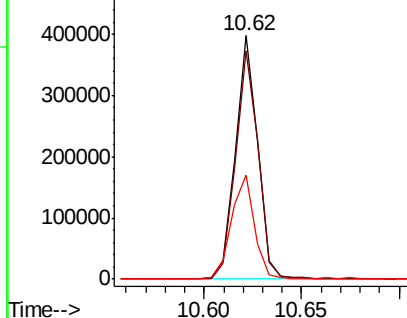


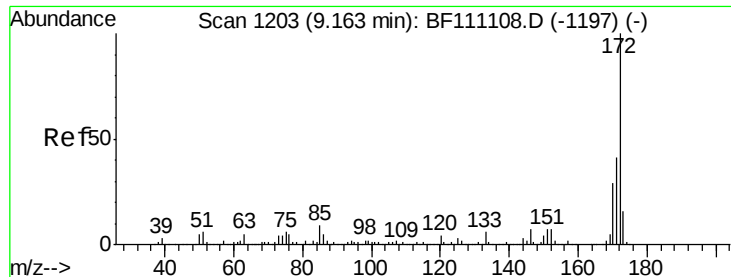
#42
2,4,6-Tribromophenol
Concen: 41.698 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Tgt Ion:330 Resp: 313638
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 43.8 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

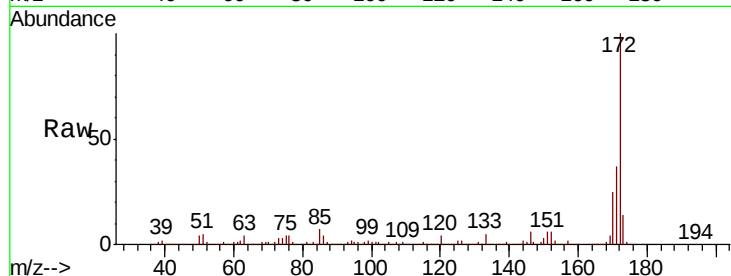




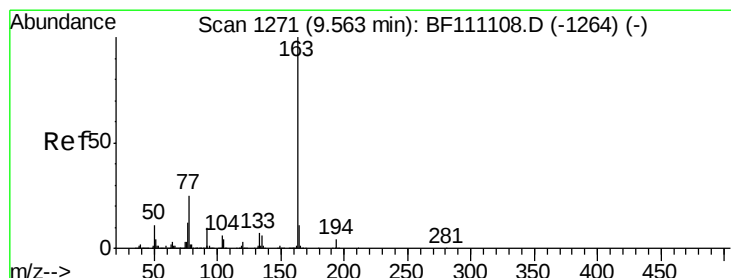
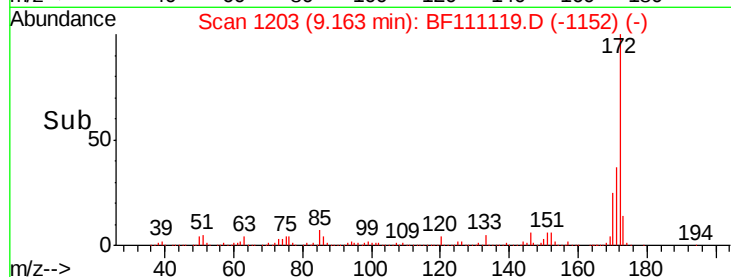
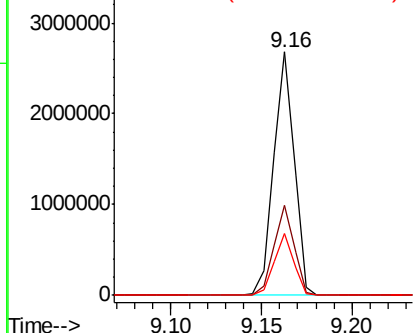
#45
2-Fluorobiphenyl
Concen: 32.237 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-E

Tgt Ion:172 Resp: 2104057
Ion Ratio Lower Upper
172 100
171 37.0 33.2 49.8
170 25.3 22.9 34.3

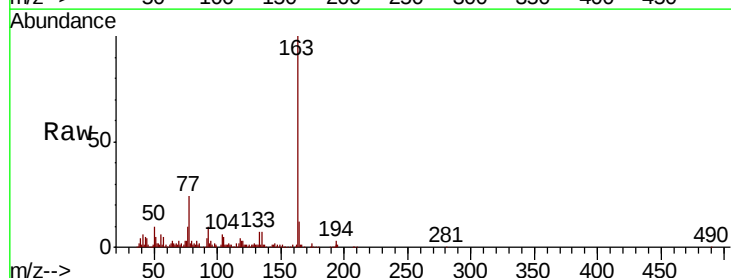


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

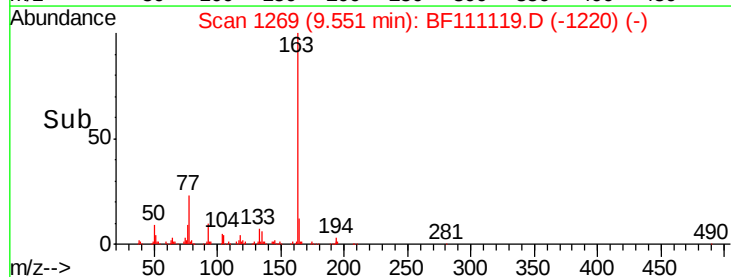
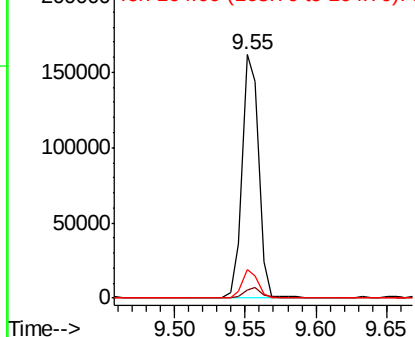


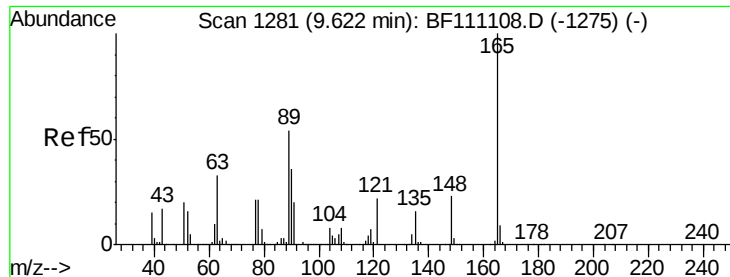
#50
Dimethylphthalate
Concen: 2.024 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Tgt Ion:163 Resp: 133258
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 11.5 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: 8.903 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.22 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-E

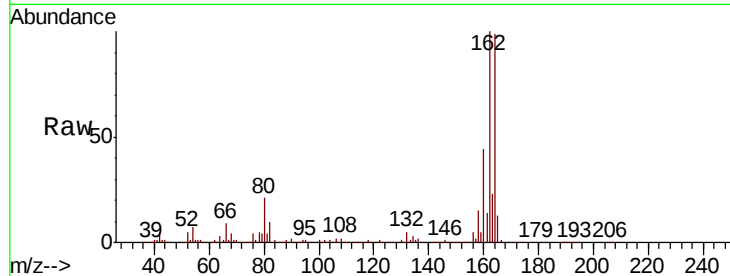
Tgt Ion:165 Resp: 124300

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

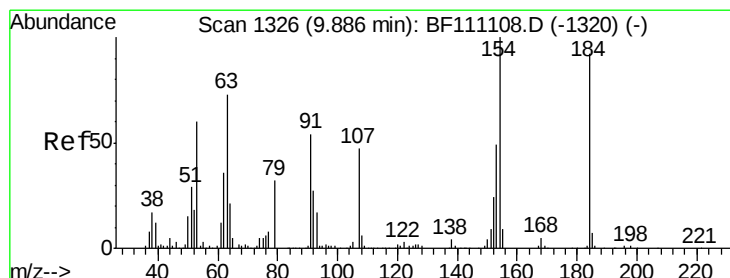
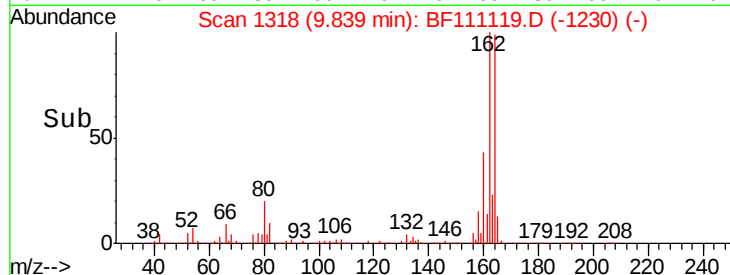
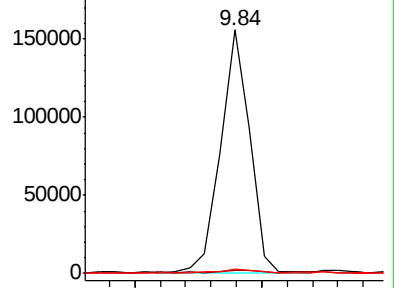
89 1.8 43.0 64.4#



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



#54

2,4-Dinitrophenol

Concen: 6.627 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.19 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

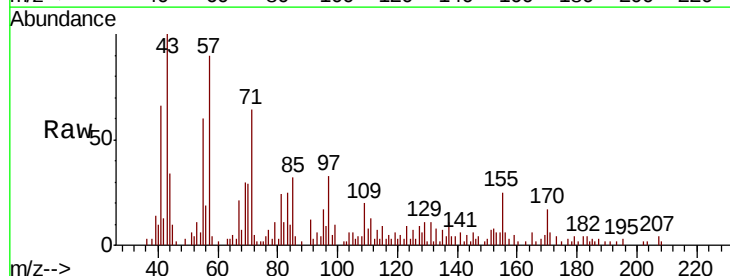
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

63 191.3 64.2 96.4#

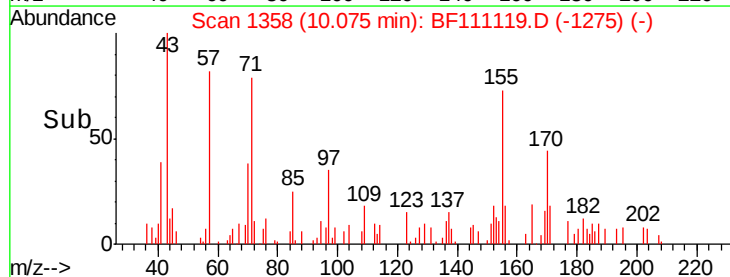
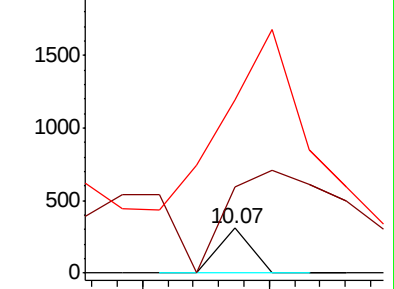
154 385.4 89.5 134.3#

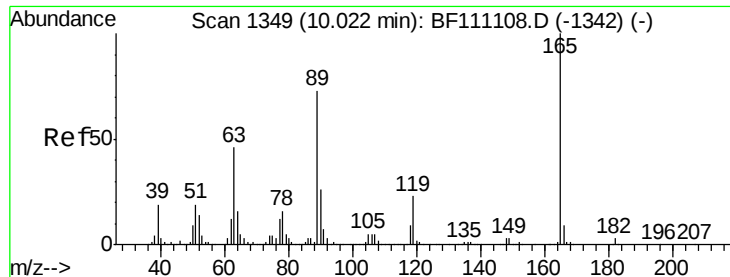


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#57

2,4-Dinitrotoluene

Concen: 6.893 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF111119.D

Acq: 5 Dec 2018 20:49

Instrument :

BNA_F

ClientSampleId :

JC-02-113018-E

Tgt Ion:165 Resp: 124300

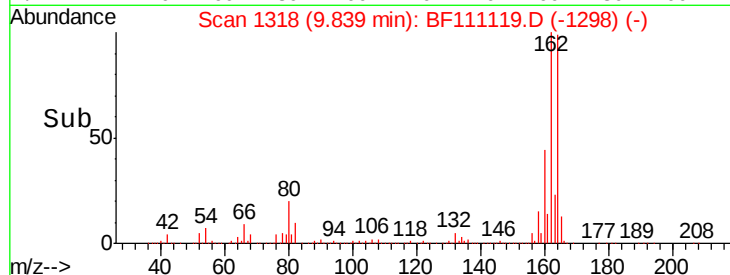
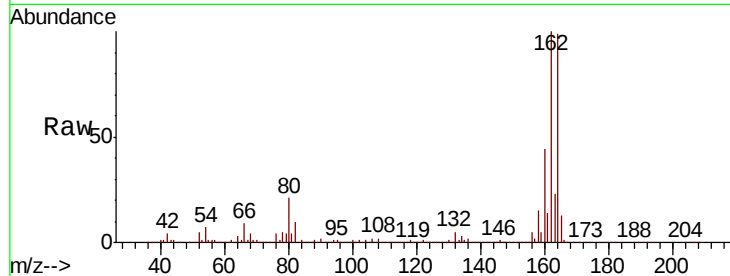
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.8 58.4 87.6#

182 0.6 2.1 3.1#

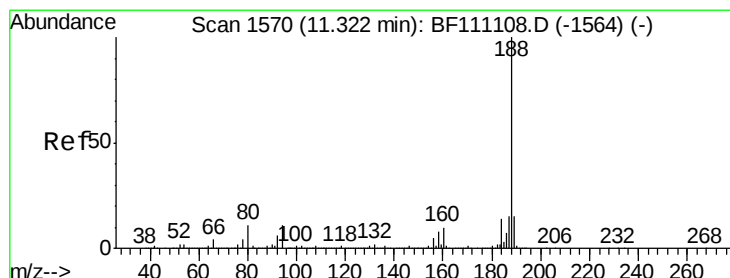
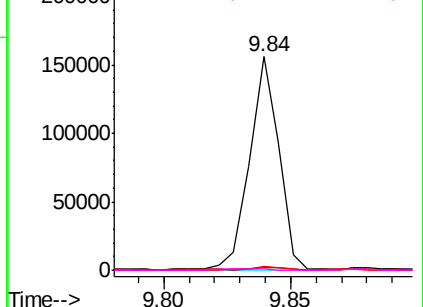


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111119.D

Acq: 5 Dec 2018 20:49

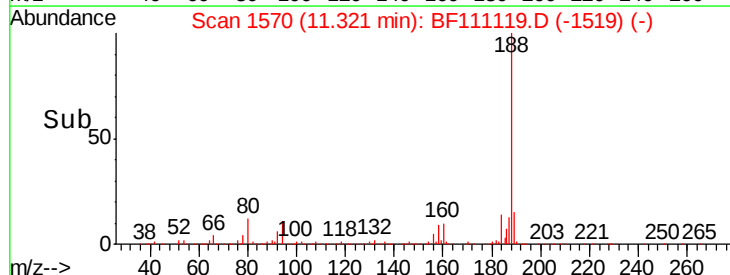
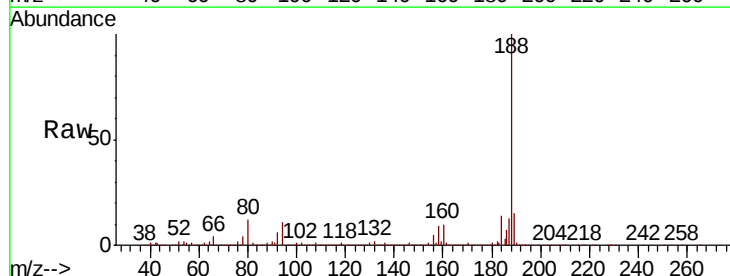
Tgt Ion:188 Resp: 1399764

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

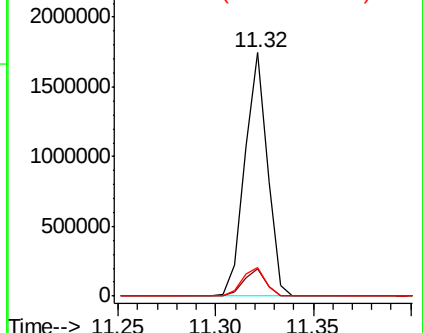
80 11.7 9.0 13.6

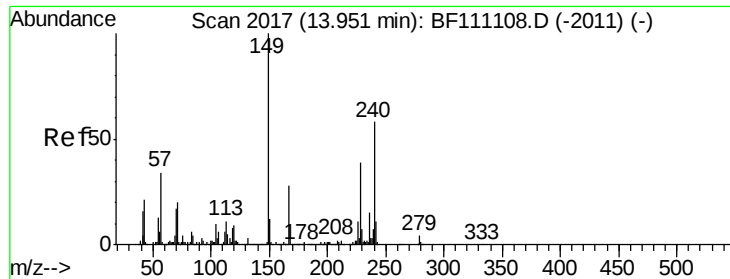


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

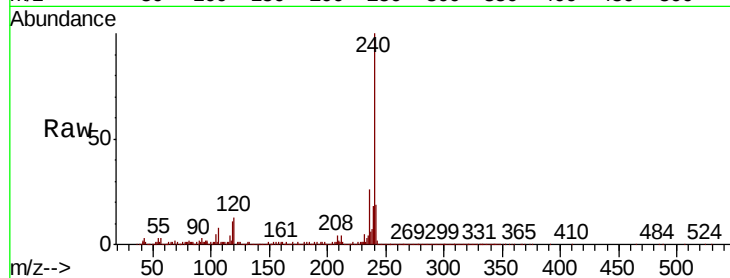




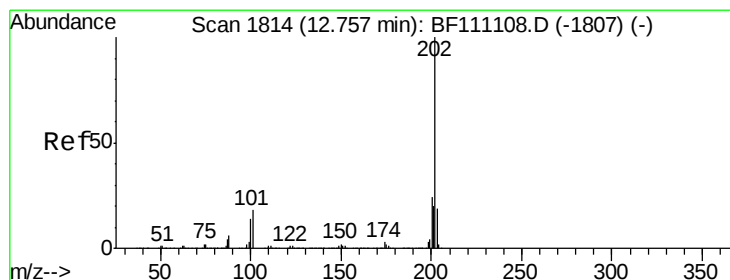
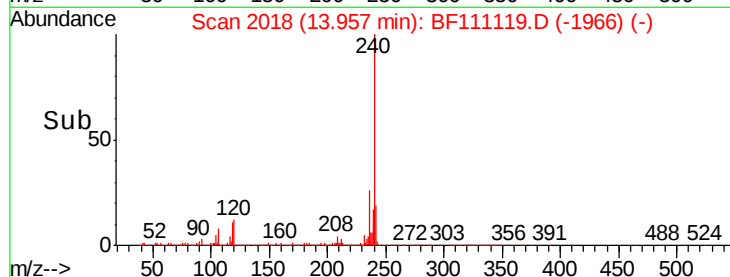
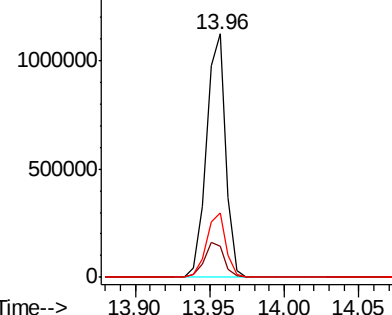
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-E

Tgt Ion:240 Resp: 1017141
Ion Ratio Lower Upper
240 100
120 12.7 12.8 19.2#
236 26.4 21.1 31.7

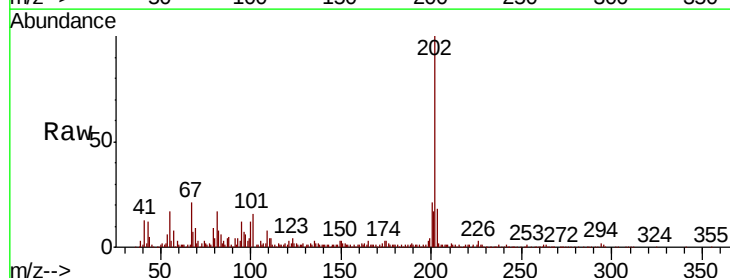


Abundance Ion 240.00 (239.70 to 240.70): E
1500000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

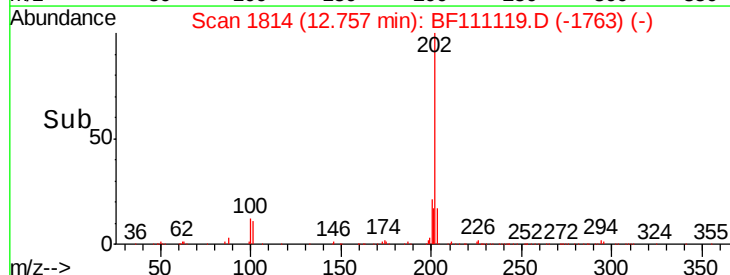
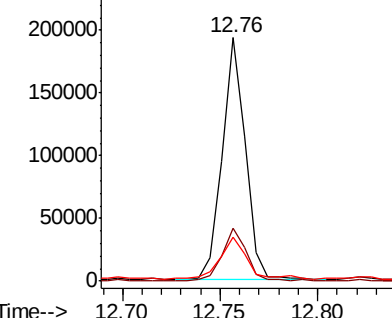


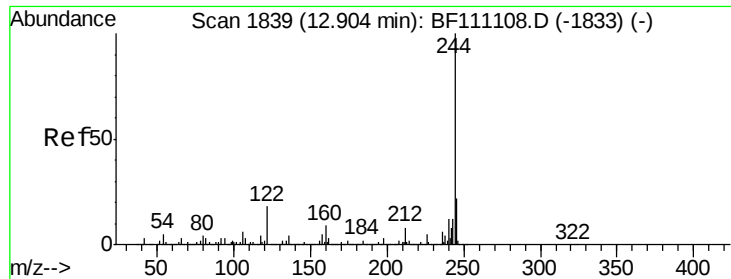
#78
Pyrene
Concen: 2.016 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111119.D
Acq: 5 Dec 2018 20:49

Tgt Ion:202 Resp: 159747
Ion Ratio Lower Upper
202 100
200 21.5 19.3 28.9
203 18.1 15.4 23.2



Abundance Ion 202.00 (201.70 to 202.70): E
250000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

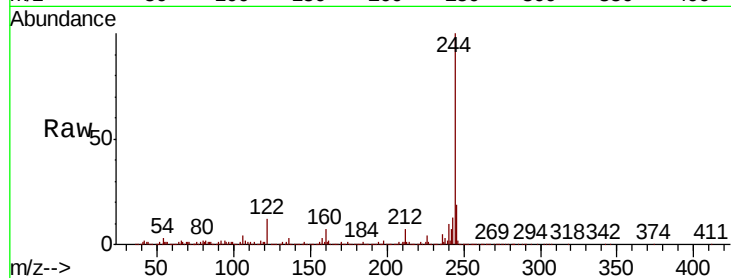




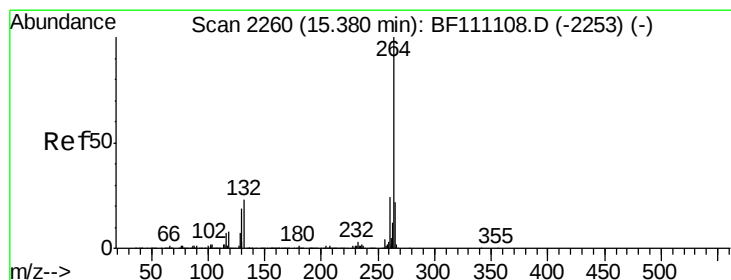
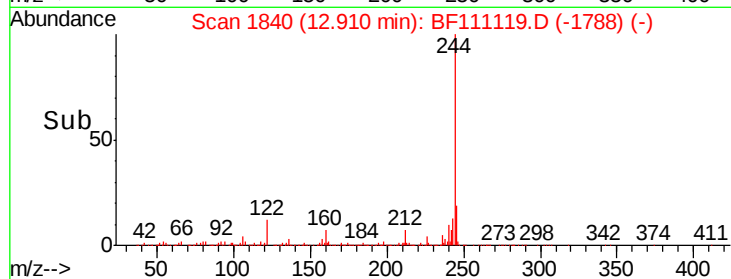
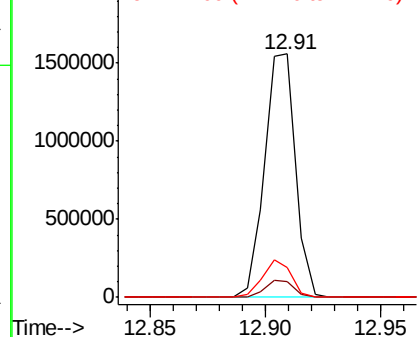
#79
 Terphenyl-d14
 Concen: 29.310 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111119.D
 Acq: 5 Dec 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-113018-E

Tgt Ion:244 Resp: 1455701
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.6 9.8
 122 12.0 14.2 21.2#

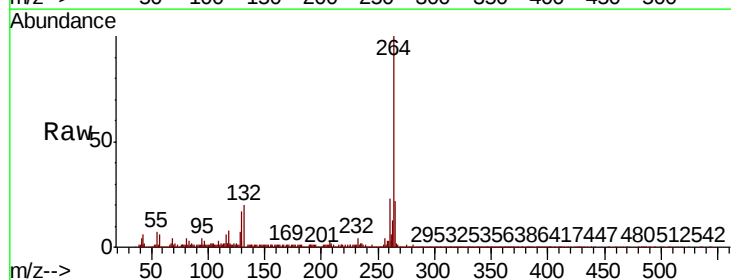


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111119.D
 Acq: 5 Dec 2018 20:49

Tgt Ion:264 Resp: 721376
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.0
 265 21.7 17.4 26.0



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

