

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111058.D
 Acq On : 28 Nov 2018 21:06
 Operator : JU/SJ
 Sample : J6079-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 J-3

Quant Time: Nov 29 01:29:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58254	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	236953	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	96259	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	146724	20.00	ng	0.00
76) Chrysene-d12	14.13	240	125610	20.00	ng	0.00
87) Perylene-d12	15.66	264	95328	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	276939	78.84	ng	0.00
7) Phenol-d6	6.56	99	349676	76.38	ng	0.00
23) Nitrobenzene-d5	7.50	82	219894	53.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	63898	66.84	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	361086	54.35	ng	0.00
79) Terphenyl-d14	13.05	244	250909	38.88	ng	0.00

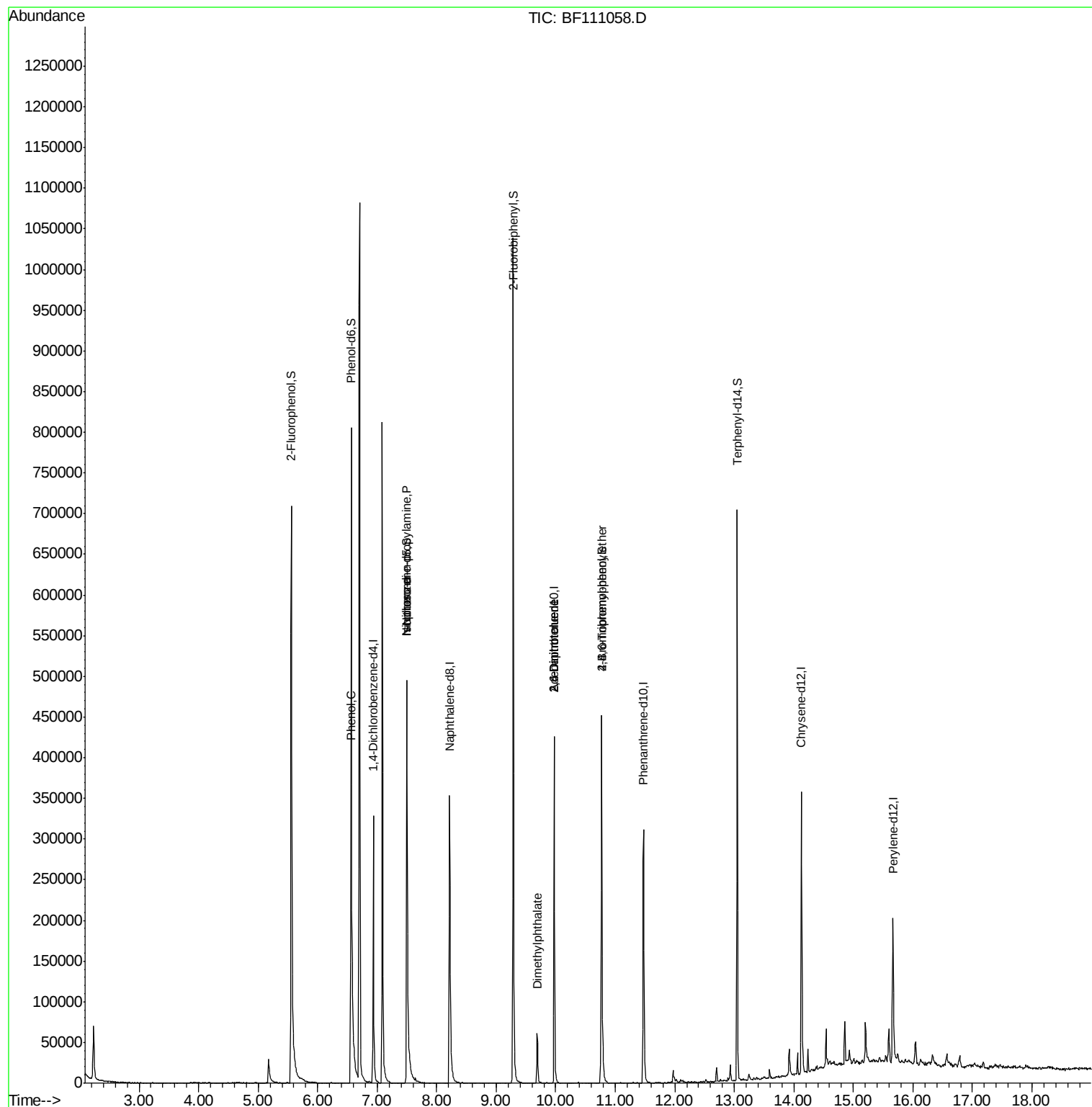
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.57	94	16310	3.164	ng	95
19) n-Nitroso-di-n-propylamine	7.50	70	28801	9.658	ng	# 80
25) Isophorone	7.50	82	219894	32.377	ng	# 67
50) Dimethylphthalate	9.69	163	33715	4.776	ng	98
51) 2,6-Dinitrotoluene	9.97	165	11891	7.566	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	11891	5.832	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	3718	2.327	ng	# 1

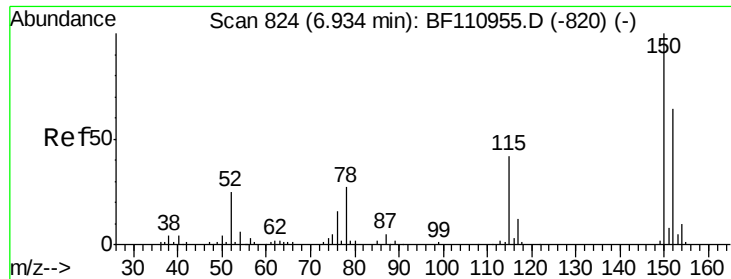
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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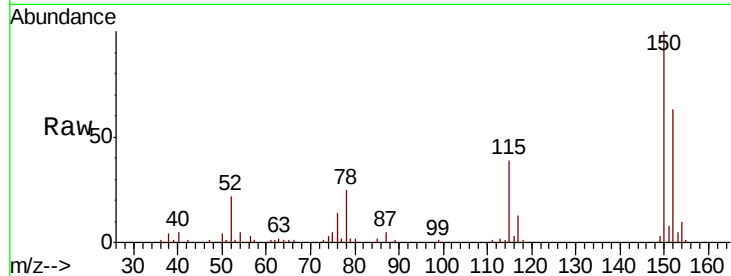




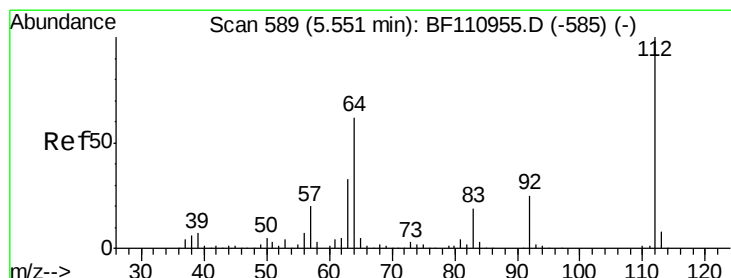
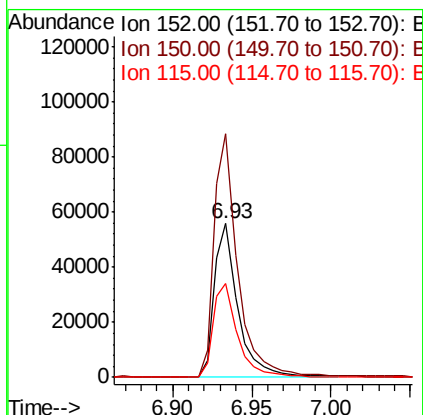
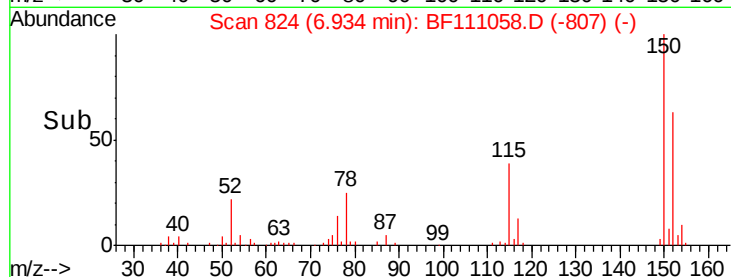
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF111058.D
 Acq: 28 Nov 2018 21:06

Instrument :
 BNA_F
 ClientSampleId :
 J-3

Tgt Ion:152 Resp: 58254
 Ion Ratio Lower Upper
 152 100
 150 158.2 122.7 184.1
 115 61.2 49.1 73.7

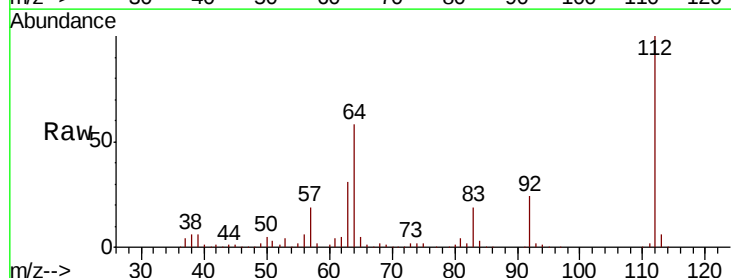


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

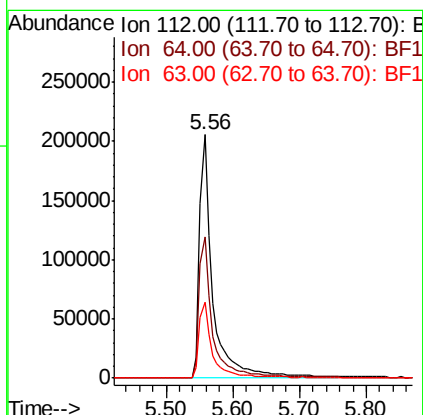
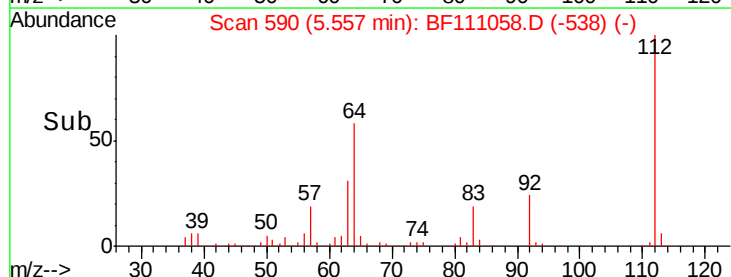


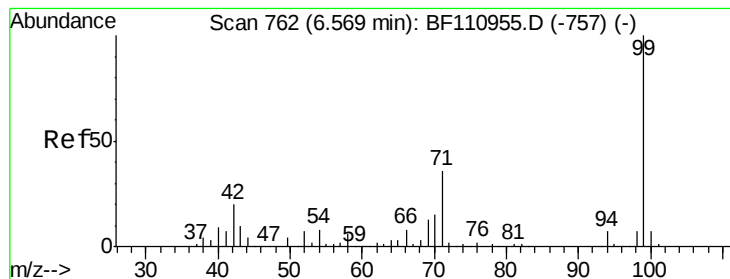
#5
 2-Fluorophenol
 Concen: 78.836 ng
 RT: 5.56 min Scan# 590
 Delta R.T. 0.01 min
 Lab File: BF111058.D
 Acq: 28 Nov 2018 21:06

Tgt Ion:112 Resp: 276939
 Ion Ratio Lower Upper
 112 100
 64 57.8 44.1 66.1
 63 31.1 23.7 35.5



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: 76.385 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111058.D

Acq: 28 Nov 2018 21:06

Instrument :

BNA_F

ClientSampleId :

J-3

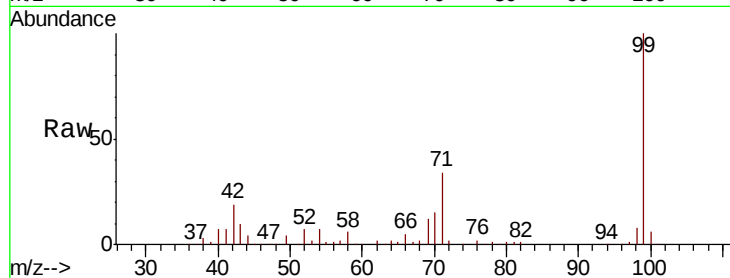
Tgt Ion: 99 Resp: 349676

Ion Ratio Lower Upper

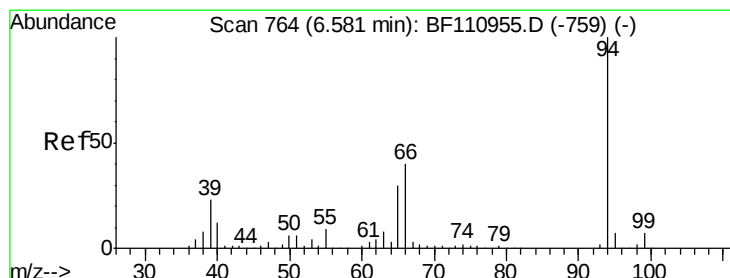
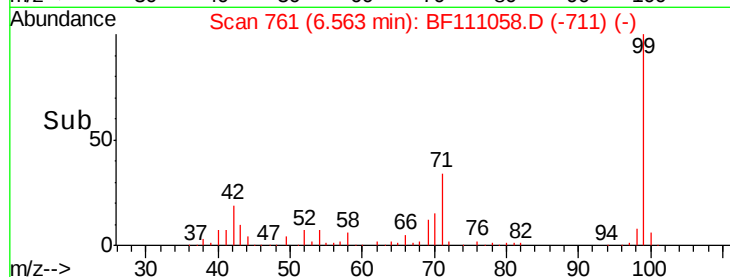
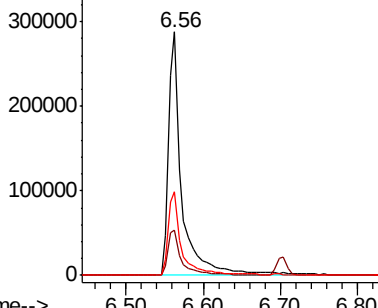
99 100

42 18.6 15.8 23.6

71 34.1 28.0 42.0



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: 3.164 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111058.D

Acq: 28 Nov 2018 21:06

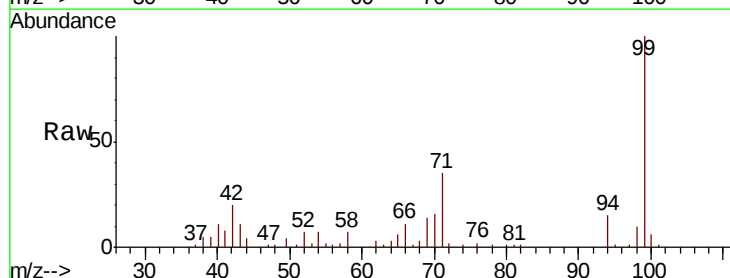
Tgt Ion: 94 Resp: 16310

Ion Ratio Lower Upper

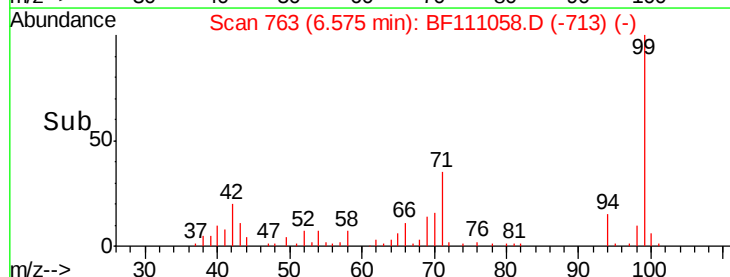
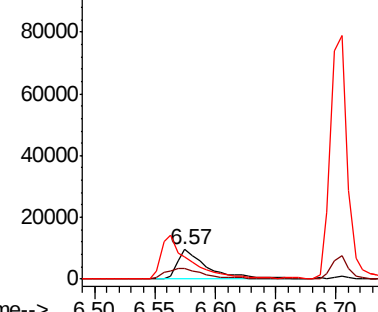
94 100

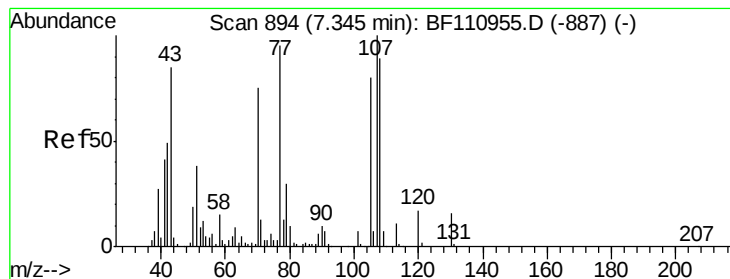
65 38.1 25.3 65.3

66 73.7 54.5 94.5



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: 9.658 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.15 min

Lab File: BF111058.D

Acq: 28 Nov 2018 21:06

Instrument :

BNA_F

ClientSampleId :

J-3

Tgt Ion: 70 Resp: 28801

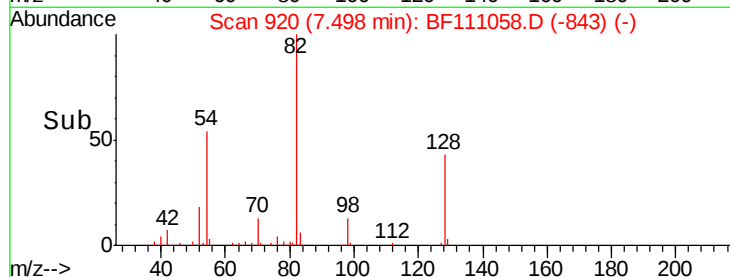
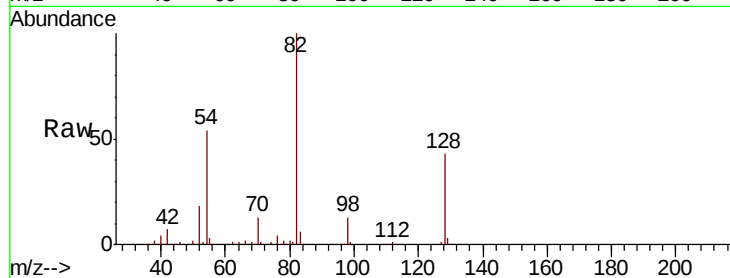
Ion Ratio Lower Upper

70 100

42 49.7 47.4 71.2

101 0.0 7.3 10.9#

130 3.1 16.2 24.2#

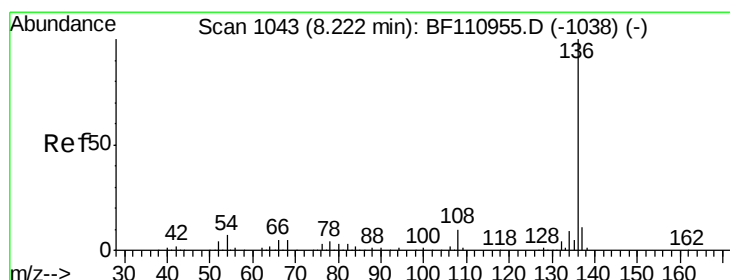
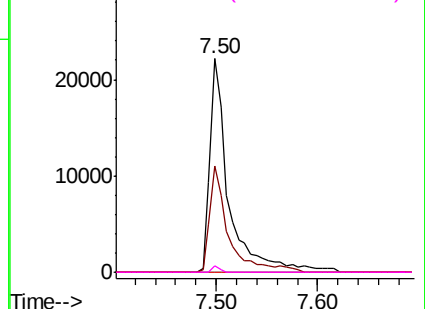


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111058.D

Acq: 28 Nov 2018 21:06

Tgt Ion: 136 Resp: 236953

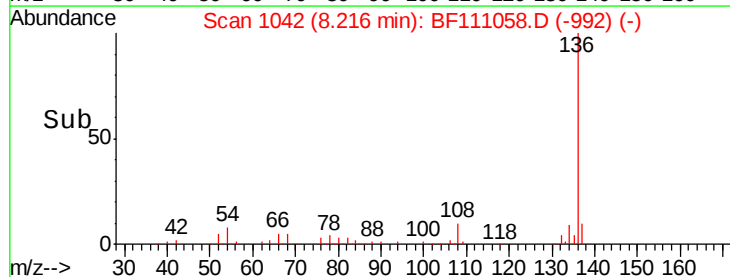
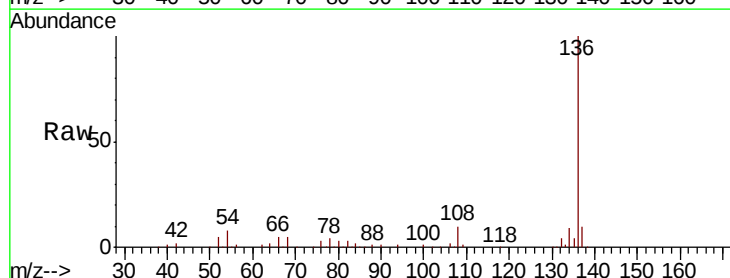
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.9 5.4 8.2

68 5.0 4.2 6.2

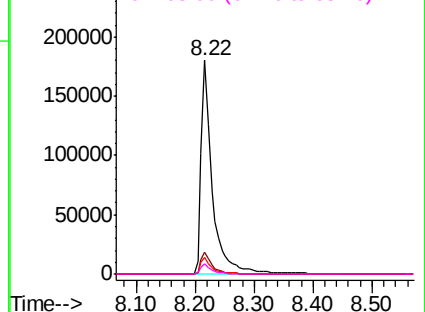


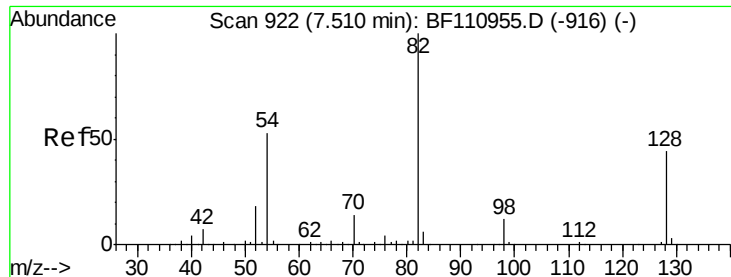
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

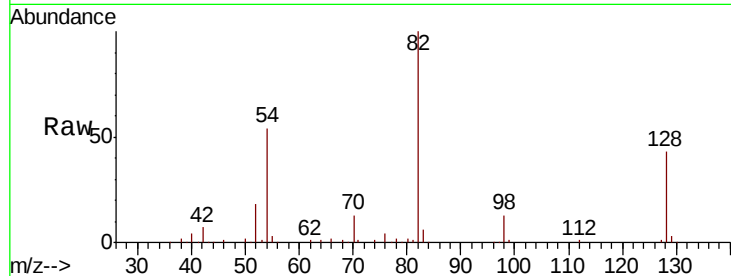




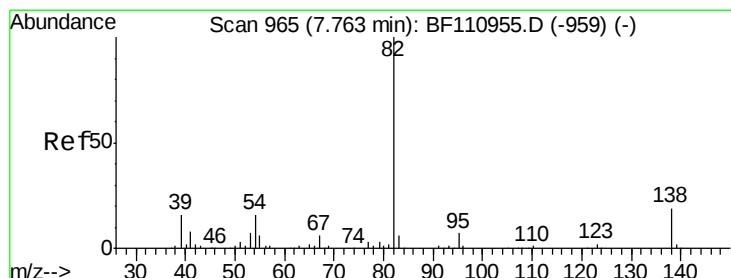
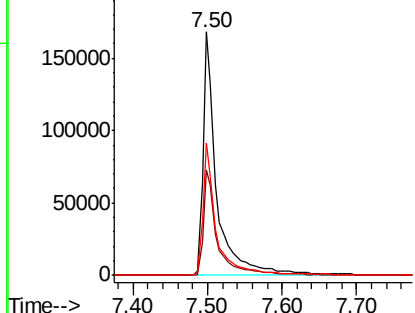
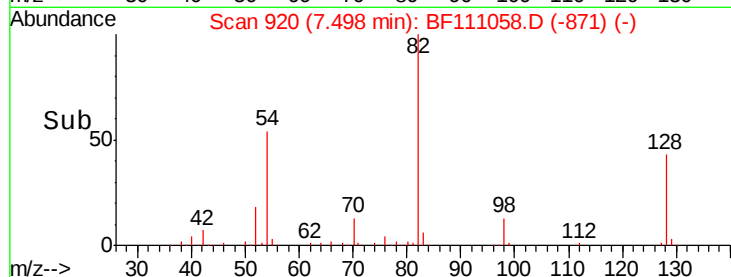
#23
 Nitrobenzene-d5
 Concen: 53.110 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF111058.D
 Acq: 28 Nov 2018 21:06

Instrument :
 BNA_F
 ClientSampled :
 J-3

Tgt Ion: 82 Resp: 219894
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.2 51.2
 54 54.5 38.6 58.0

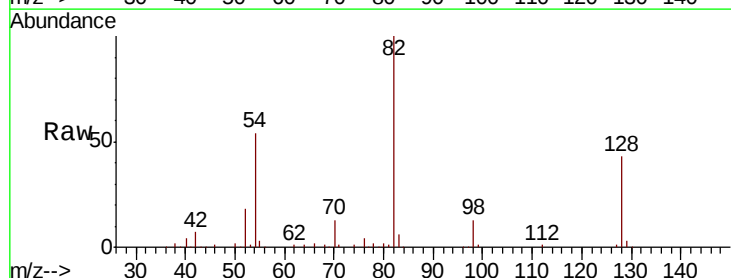


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

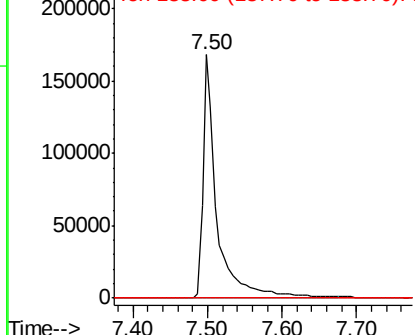
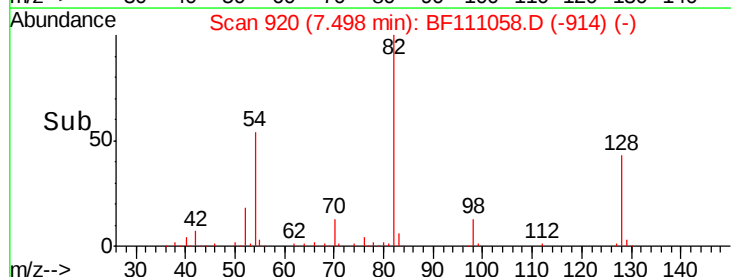


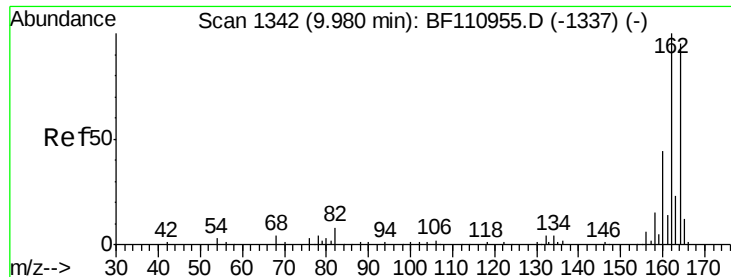
#25
 Isophorone
 Concen: 32.377 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.26 min
 Lab File: BF111058.D
 Acq: 28 Nov 2018 21:06

Tgt Ion: 82 Resp: 219894
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#



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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF111058.D

Acq: 28 Nov 2018 21:06

Instrument :

BNA_F

ClientSampleId :

J-3

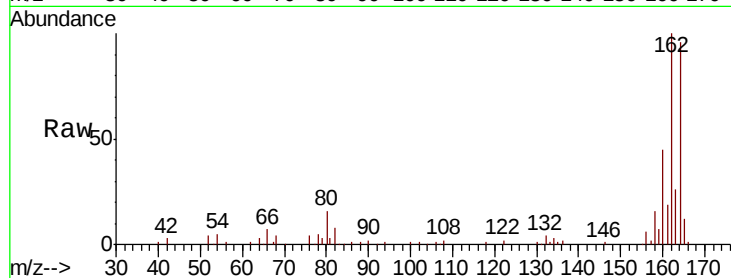
Tgt Ion:164 Resp: 96259

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

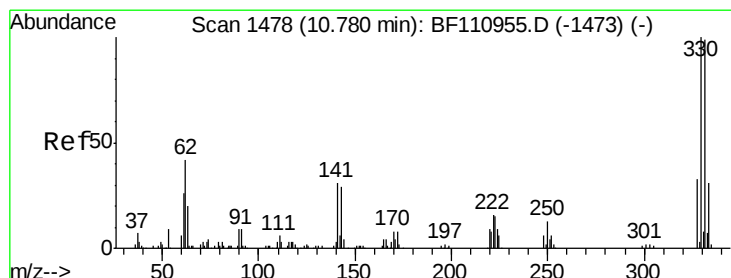
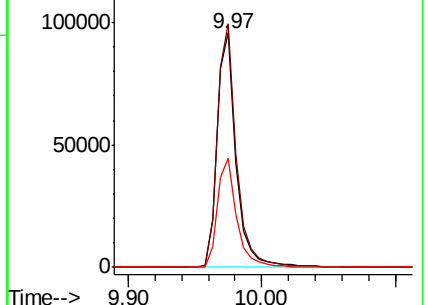
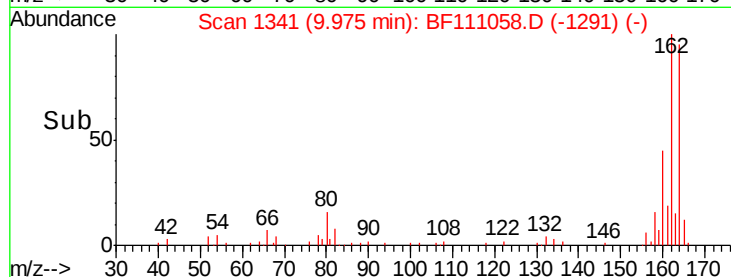
160 46.9 37.0 55.6



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: 66.840 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF111058.D

Acq: 28 Nov 2018 21:06

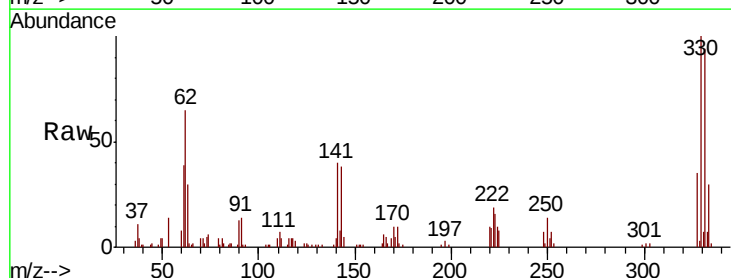
Tgt Ion:330 Resp: 63898

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

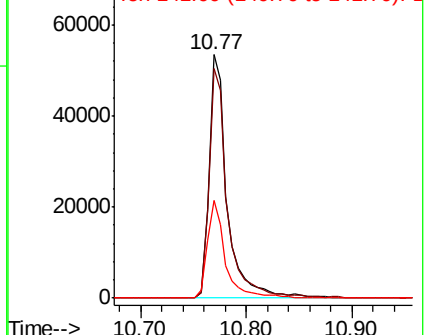
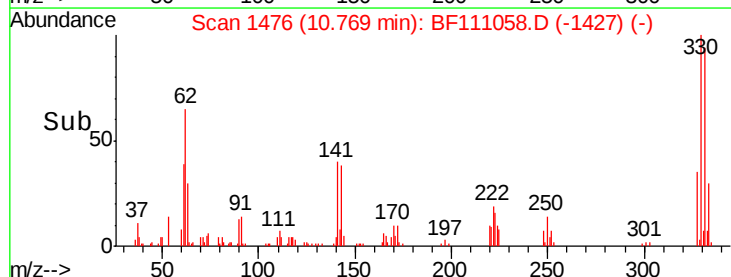
141 39.4 27.0 40.4



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

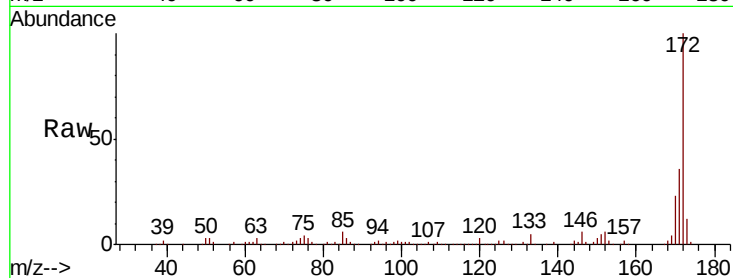




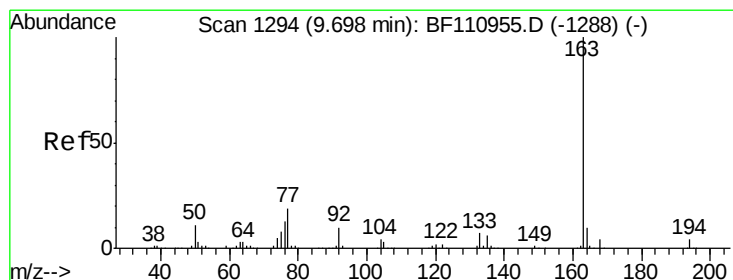
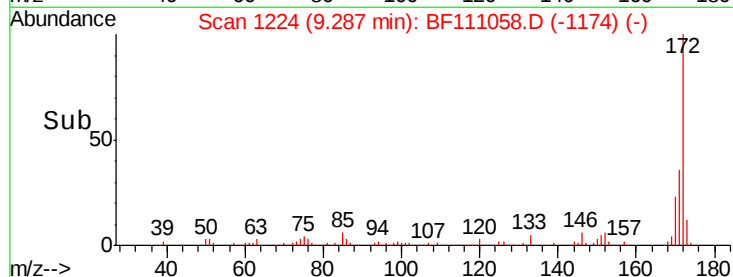
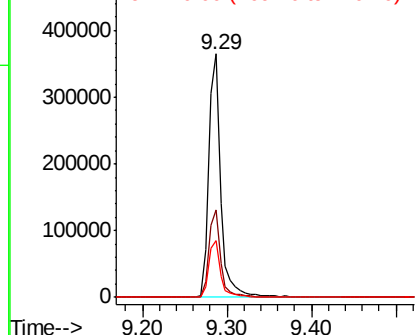
#45
 2-Fluorobiphenyl
 Concen: 54.346 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111058.D
 Acq: 28 Nov 2018 21:06

Instrument :
 BNA_F
 ClientSampleId :
 J-3

Tgt Ion:172 Resp: 361086
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.2 19.7 29.5

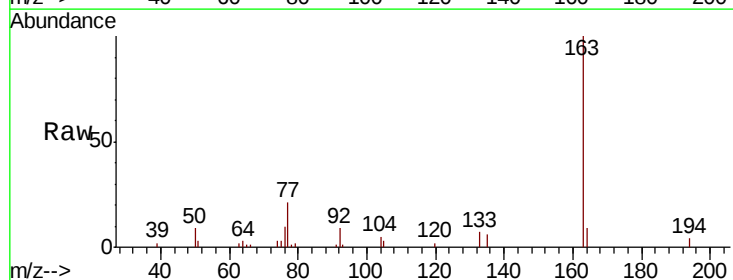


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

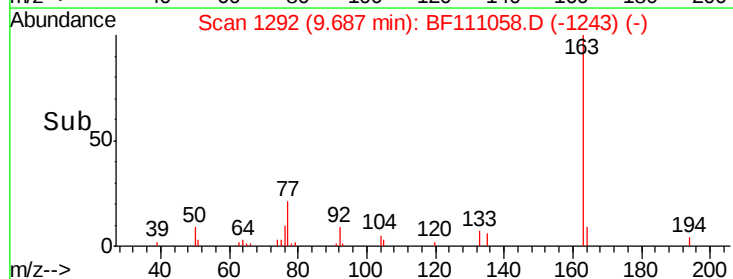
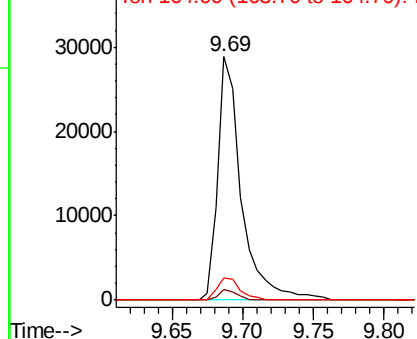


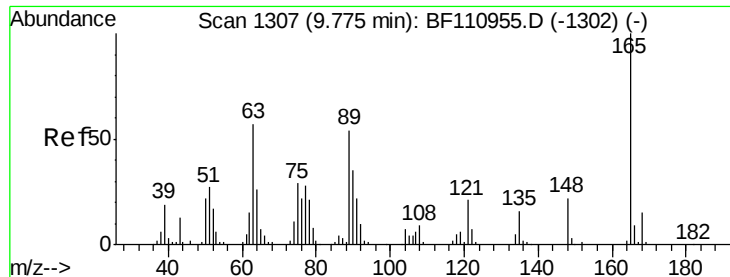
#50
 Dimethylphthalate
 Concen: 4.776 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF111058.D
 Acq: 28 Nov 2018 21:06

Tgt Ion:163 Resp: 33715
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.2 4.8
 164 9.0 8.1 12.1



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: 7.566 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.20 min

Lab File: BF111058.D

Acq: 28 Nov 2018 21:06

Instrument :

BNA_F

ClientSampleId :

J-3

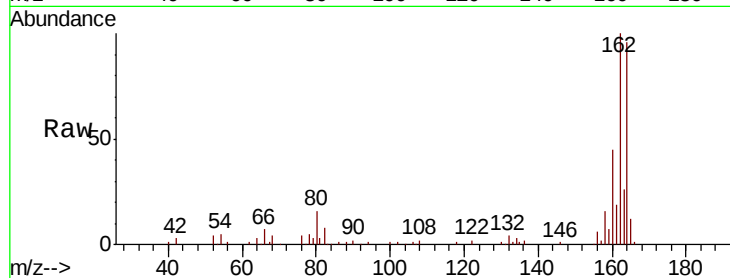
Tgt Ion:165 Resp: 11891

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

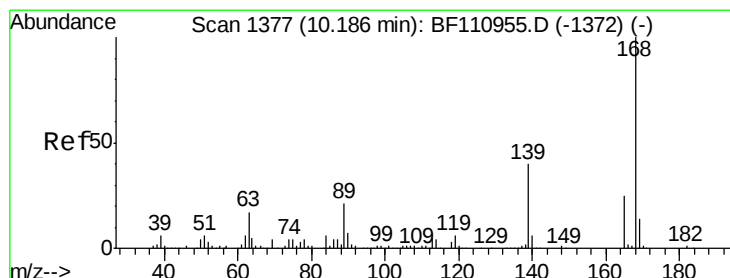
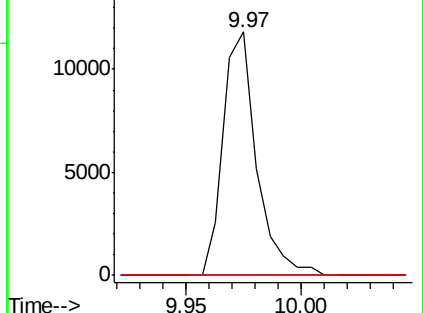
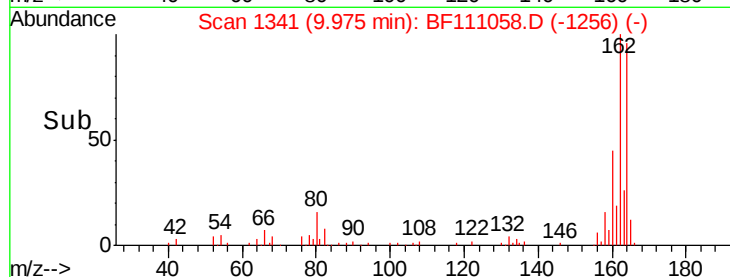
89 0.0 46.6 69.8#



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: 5.832 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.21 min

Lab File: BF111058.D

Acq: 28 Nov 2018 21:06

Tgt Ion:165 Resp: 11891

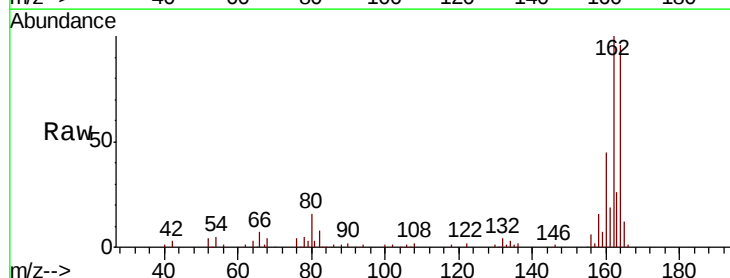
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

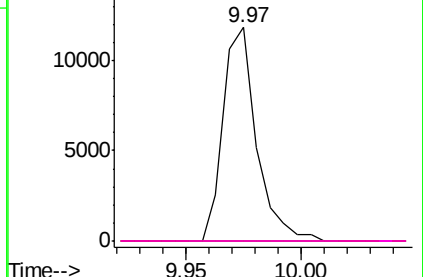
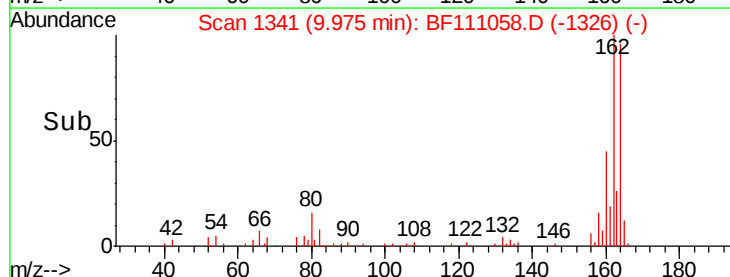


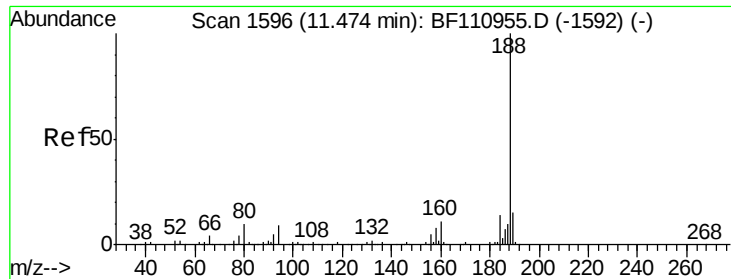
Abundance Ion 165.00 (164.70 to 165.70): E

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

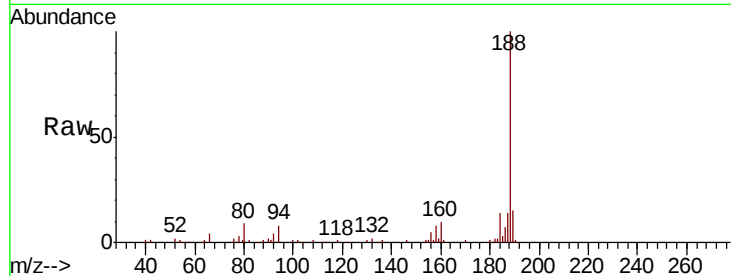




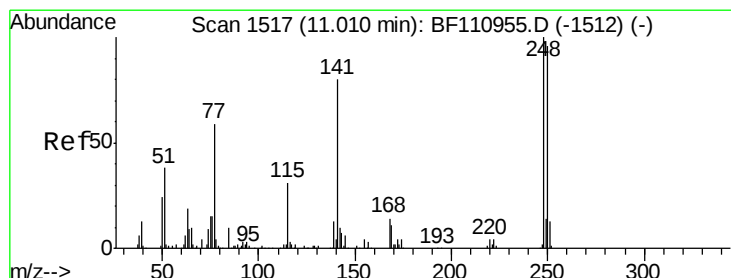
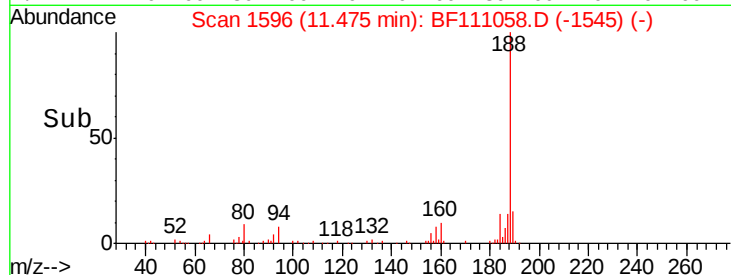
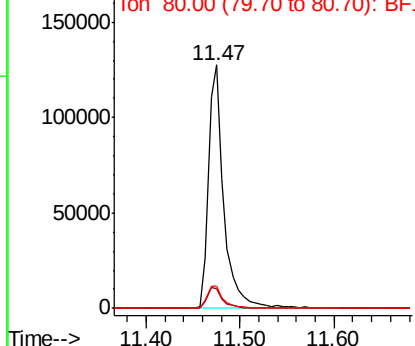
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF111058.D
 Acq: 28 Nov 2018 21:06

Instrument :
 BNA_F
 ClientSampleId :
 J-3

Tgt Ion:188 Resp: 146724
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.2 10.8
 80 9.0 7.9 11.9

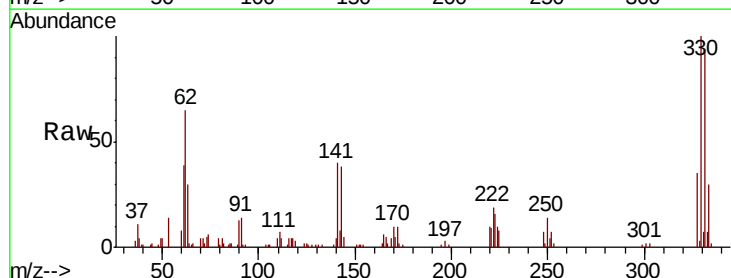


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

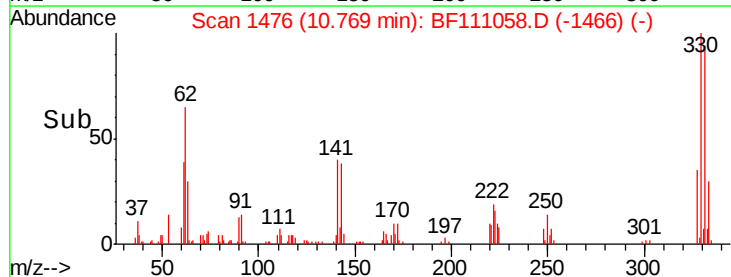
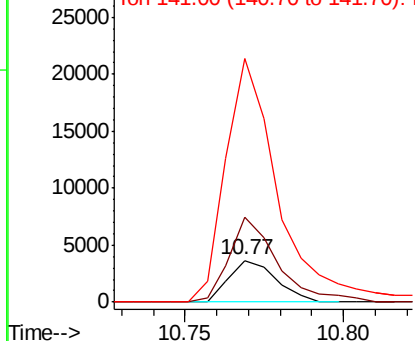


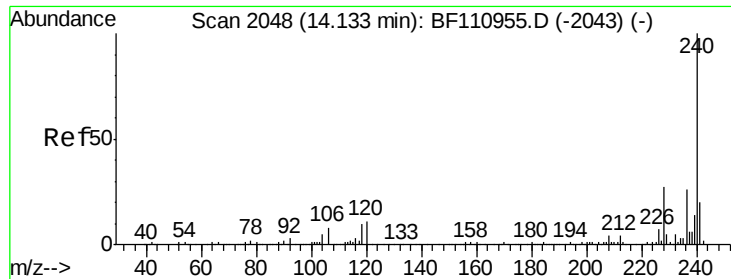
#67
 4-Bromophenyl-phenylether
 Concen: 2.327 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.24 min
 Lab File: BF111058.D
 Acq: 28 Nov 2018 21:06

Tgt Ion:248 Resp: 3718
 Ion Ratio Lower Upper
 248 100
 250 205.6 79.4 119.2#
 141 587.4 55.9 83.9#



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

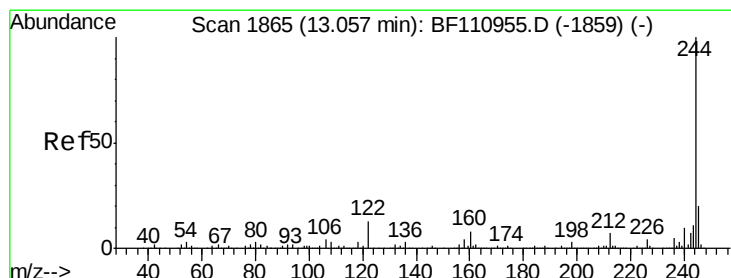
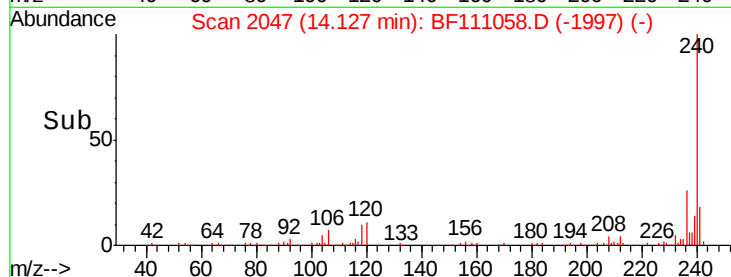
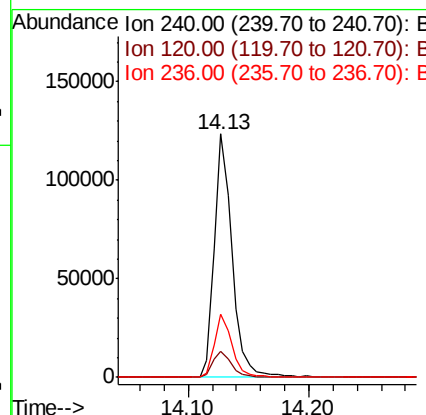
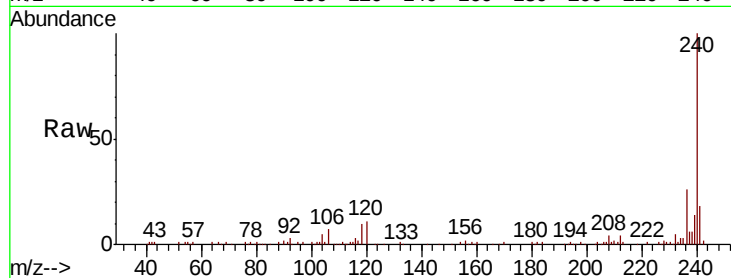




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111058.D
Acq: 28 Nov 2018 21:06

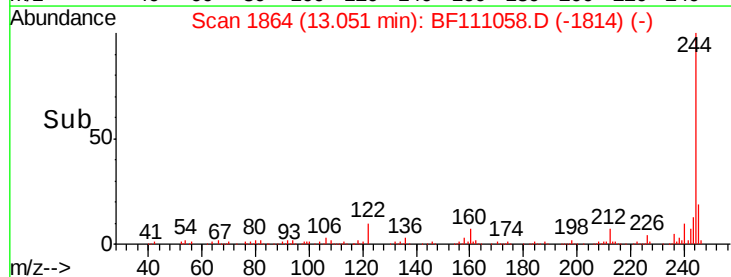
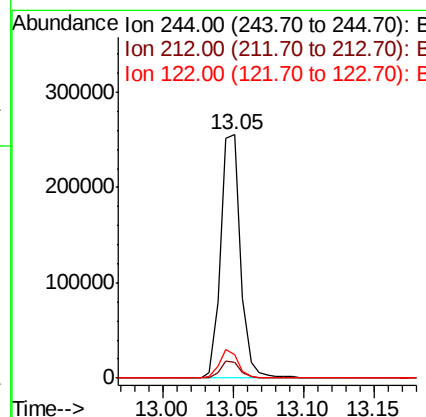
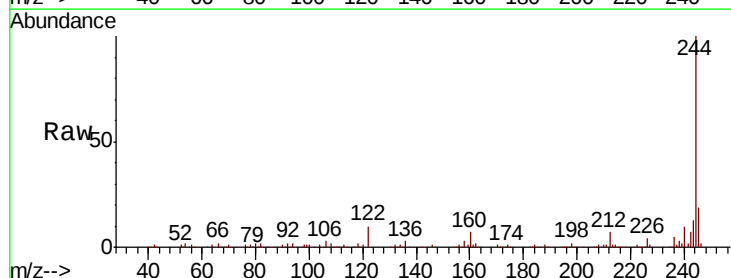
Instrument :
BNA_F
ClientSampleId :
J-3

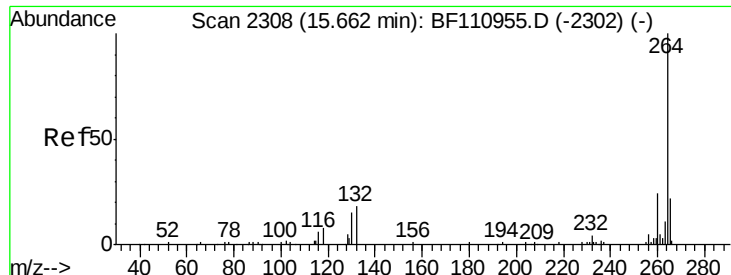
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.9	21.2	31.8



#79
Terphenyl-d14
Concen: 38.885 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111058.D
Acq: 28 Nov 2018 21:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.7	8.7	13.1



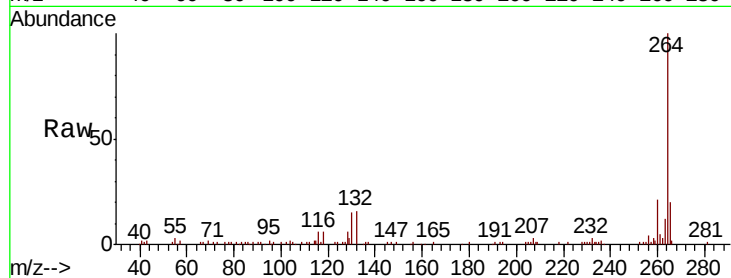


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111058.D
Acq: 28 Nov 2018 21:06

Instrument :
BNA_F
ClientSampleId :
J-3

Tgt Ion: 264 Resp: 95328

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.7	28.1
265	20.4	16.7	25.1



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

