

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112508.D
 Acq On : 12 Feb 2019 13:24
 Operator : JU/SJ
 Sample : K1462-23
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Quant Time: Feb 13 03:38:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

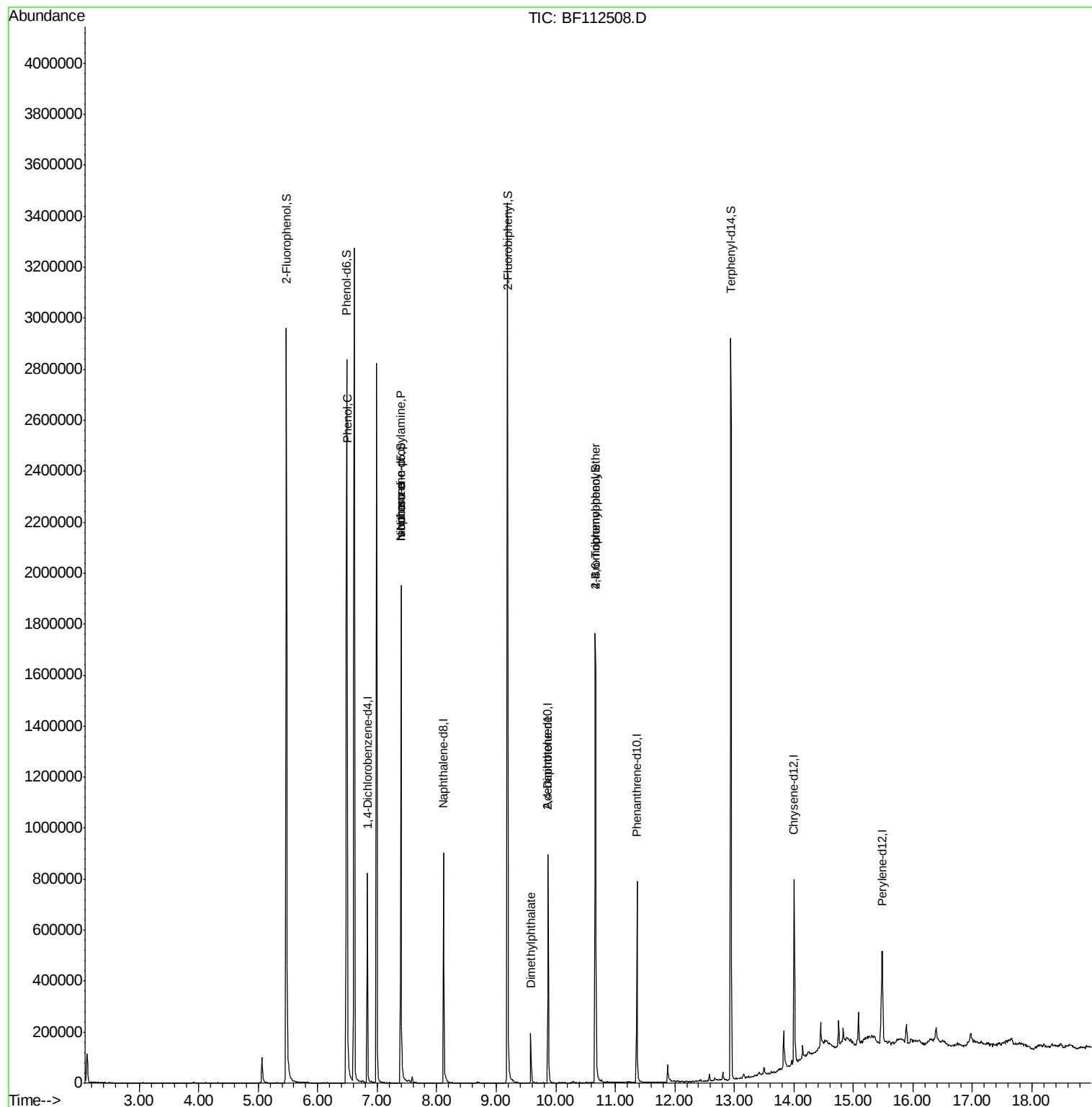
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	121873	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	447139	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	194941	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	325557	20.00	ng	0.00
76) Chrysene-d12	14.00	240	270858	20.00	ng	0.00
87) Perylene-d12	15.49	264	196720	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	868107	151.30	ng	0.00
7) Phenol-d6	6.49	99	1068285	133.99	ng	0.00
23) Nitrobenzene-d5	7.40	82	659146	84.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	254417	112.12	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1169727	84.87	ng	-0.01
79) Terphenyl-d14	12.94	244	1002168	69.69	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	65409	7.478	ng	83
19) n-Nitroso-di-n-propylamine	7.40	70	89763	16.328	ng	# 77
25) Isophorone	7.40	82	659142	54.143	ng	# 63
50) Dimethylphthalate	9.58	163	98453	6.500	ng	100
57) 2,4-Dinitrotoluene	9.87	165	23605	5.466	ng	# 32
67) 4-Bromophenyl-phenylether	10.67	248	15628	4.081	ng	# 1

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

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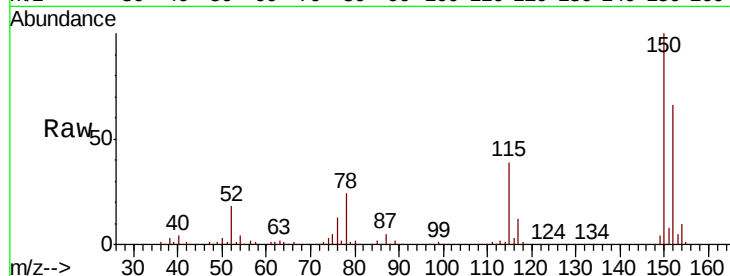


#1

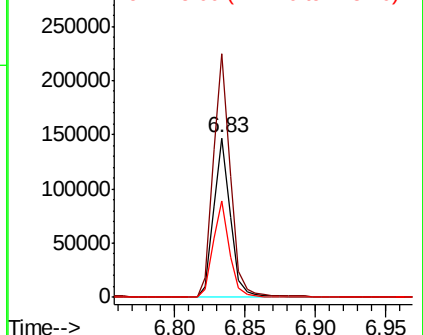
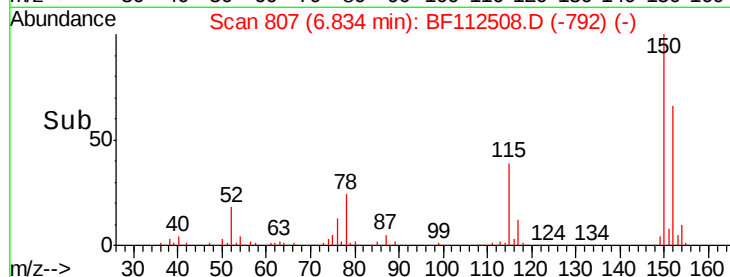
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tgt Ion:152 Resp: 121873
Ion Ratio Lower Upper
152 100
150 152.6 127.4 191.0
115 60.2 45.5 68.3



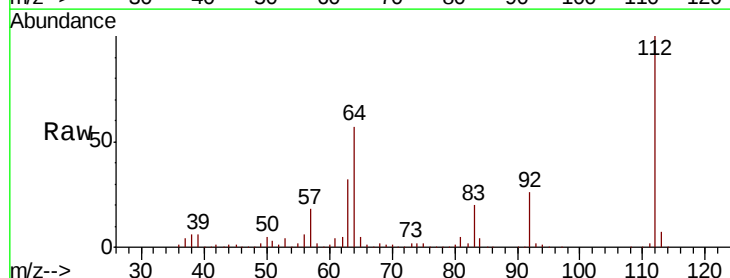
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



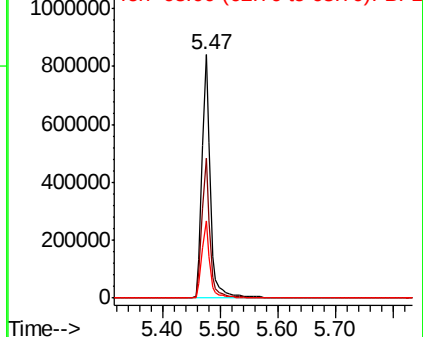
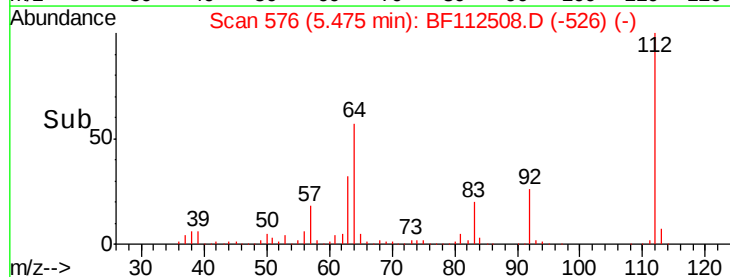
#5

2-Fluorophenol
Concen: 151.298 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Tgt Ion:112 Resp: 868107
Ion Ratio Lower Upper
112 100
64 57.5 45.7 68.5
63 31.6 23.6 35.4



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: 133.990 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

TP-3-D

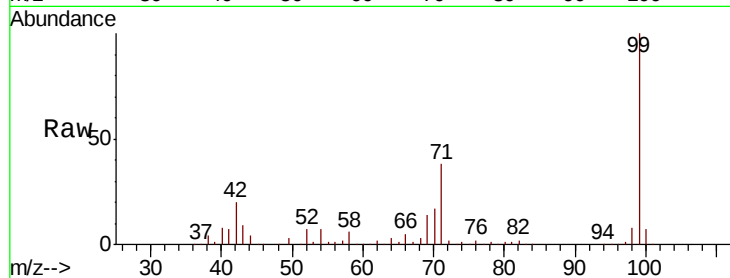
Tgt Ion: 99 Resp: 1068285

Ion Ratio Lower Upper

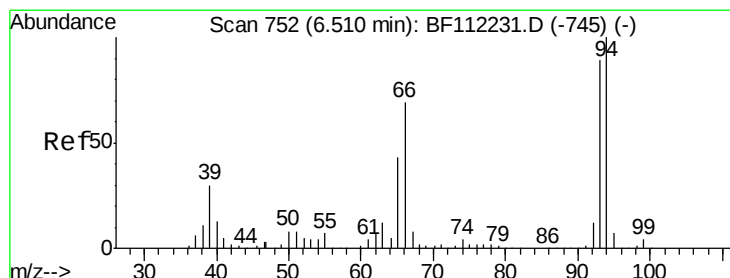
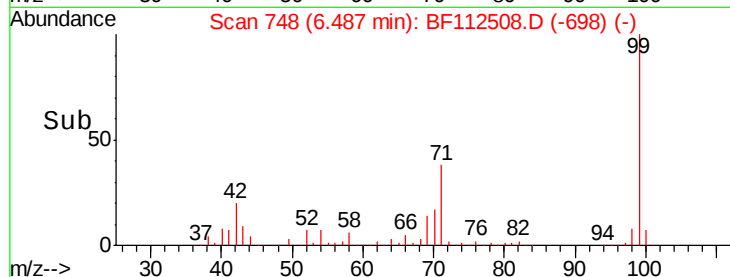
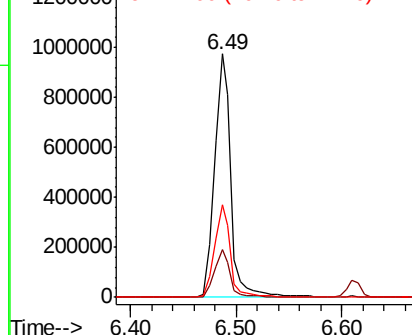
99 100

42 19.6 15.1 22.7

71 38.1 26.9 40.3



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: 7.478 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

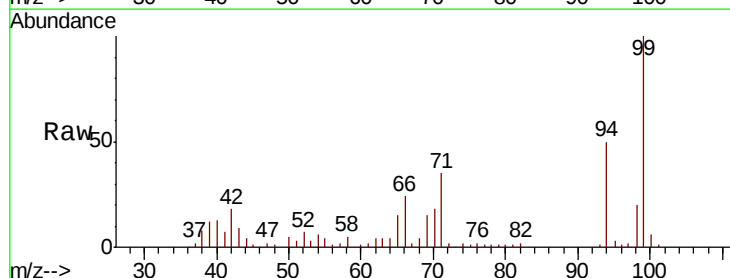
Tgt Ion: 94 Resp: 65409

Ion Ratio Lower Upper

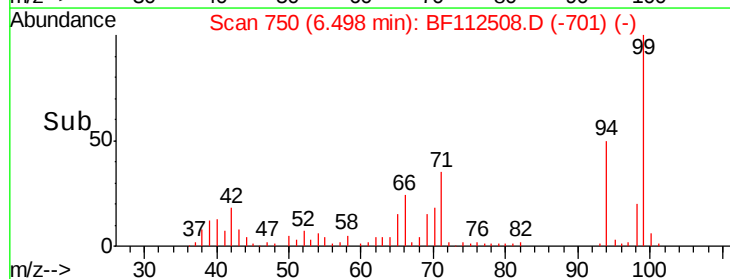
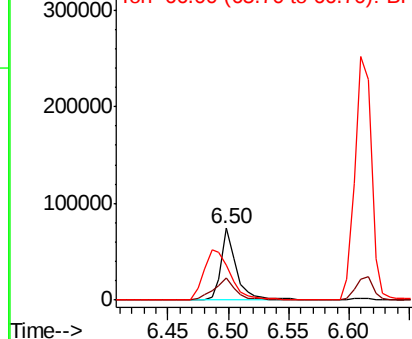
94 100

65 30.4 20.3 60.3

66 48.6 42.4 82.4



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

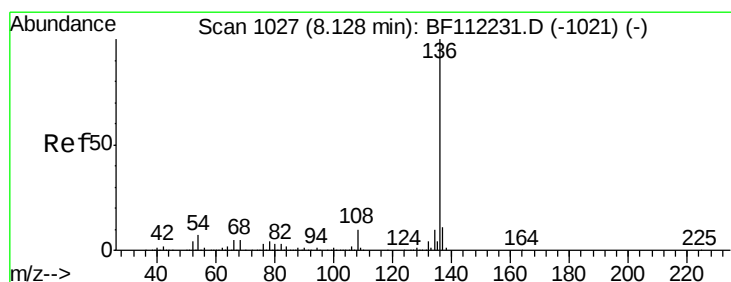
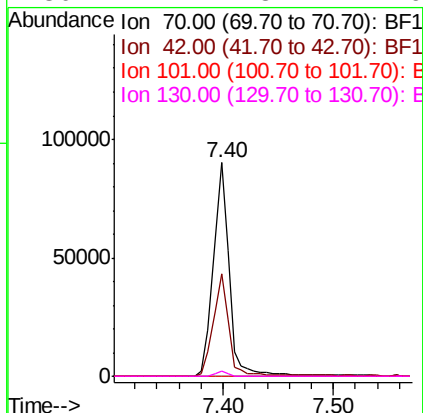
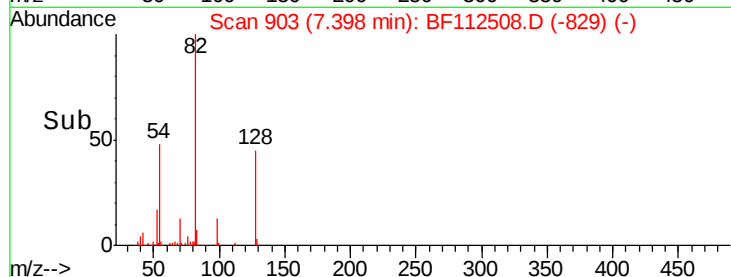
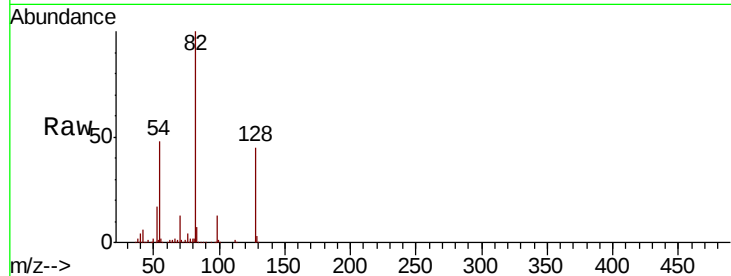




#19
n-Nitroso-di-n-propylamine
Concen: 16.328 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

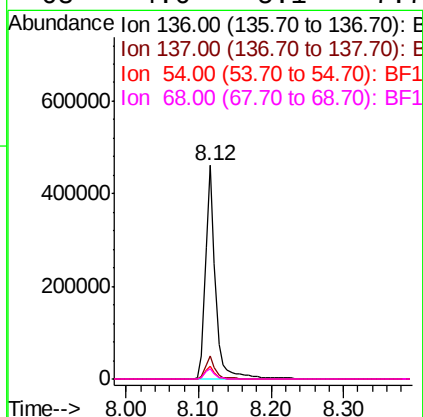
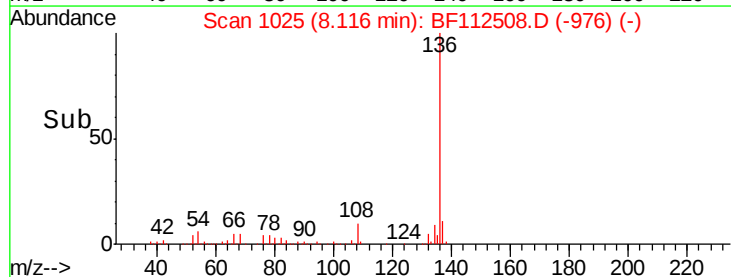
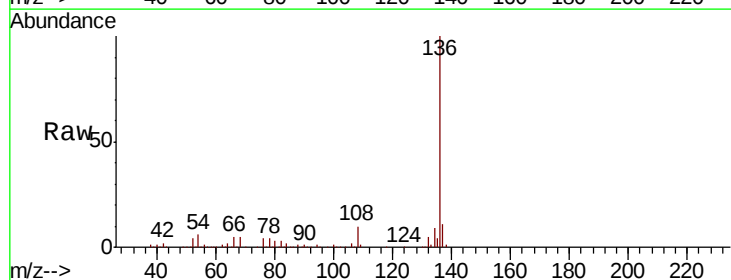
Instrument :
BNA_F
ClientSampleId :
TP-3-D

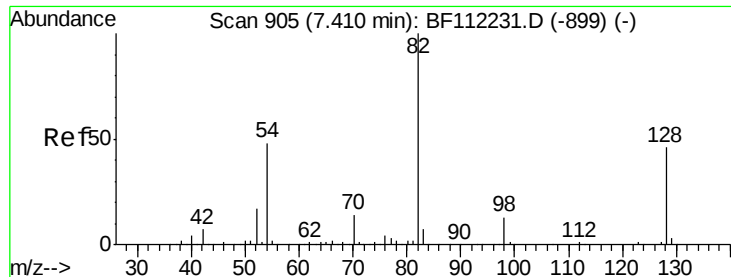
Tgt Ion: 70 Resp: 89763
Ion Ratio Lower Upper
70 100
42 48.1 47.6 71.4
101 0.0 7.9 11.9#
130 2.4 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Tgt Ion: 136 Resp: 447139
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.1 5.9 8.9
68 4.6 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 84.940 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

TP-3-D

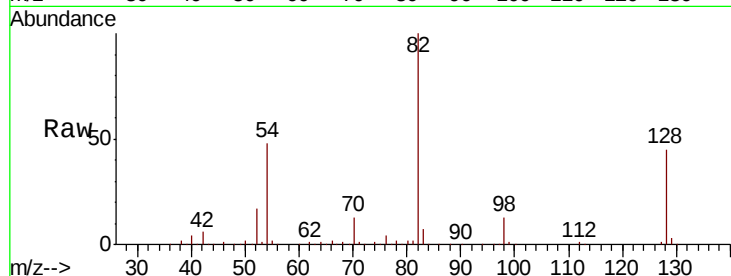
Tgt Ion: 82 Resp: 659146

Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

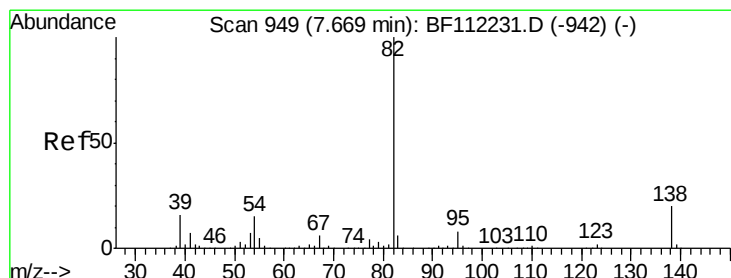
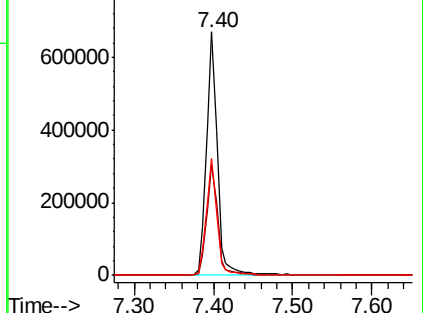
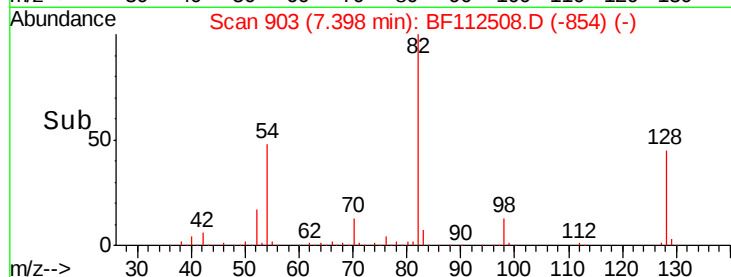
54 48.2 39.7 59.5



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: 54.143 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

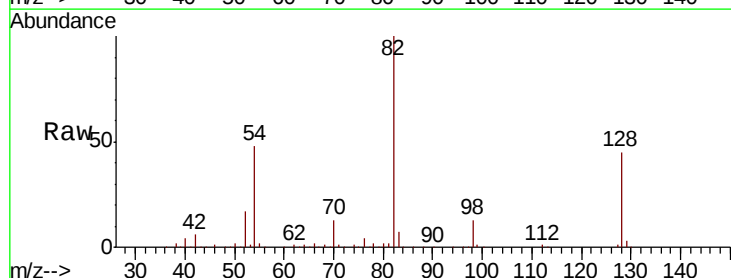
Tgt Ion: 82 Resp: 659142

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

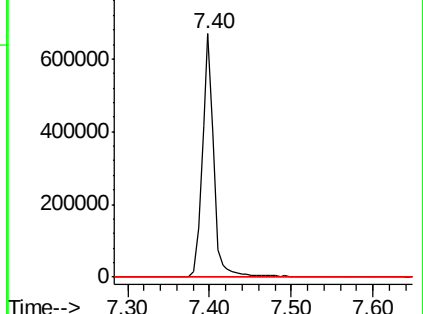
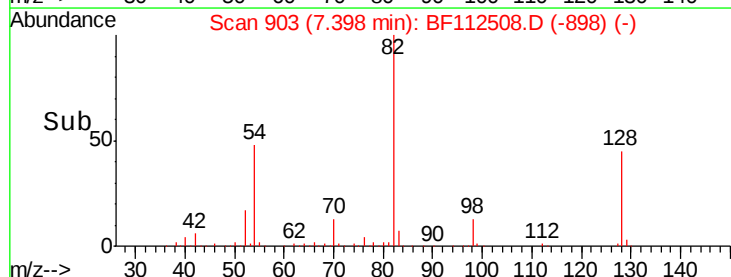
138 0.0 15.4 23.0#

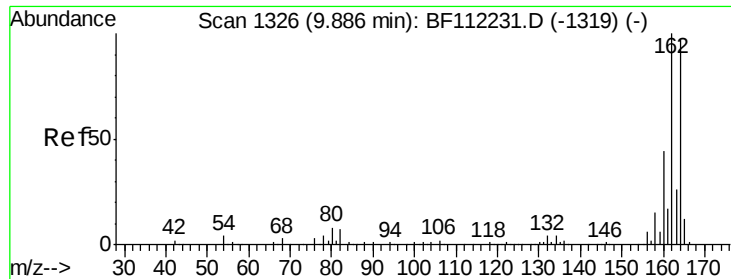


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

TP-3-D

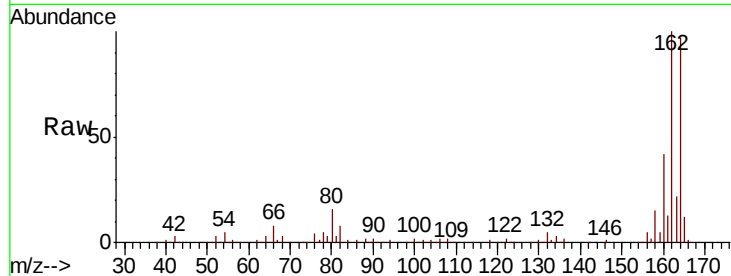
Tgt Ion:164 Resp: 194941

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.4

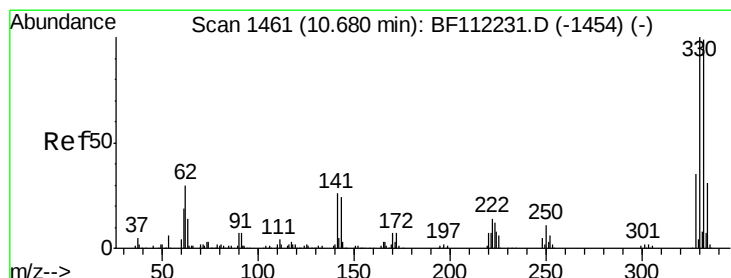
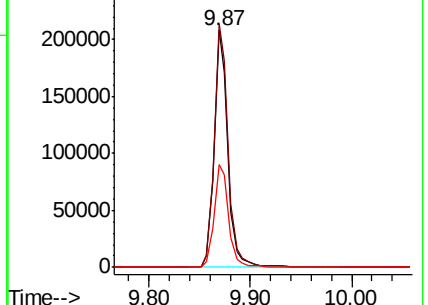
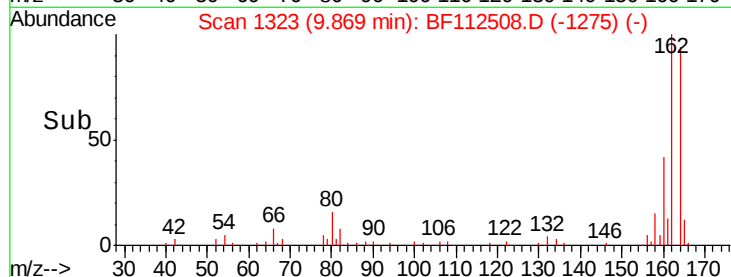
160 43.3 36.2 54.4



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: 112.124 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

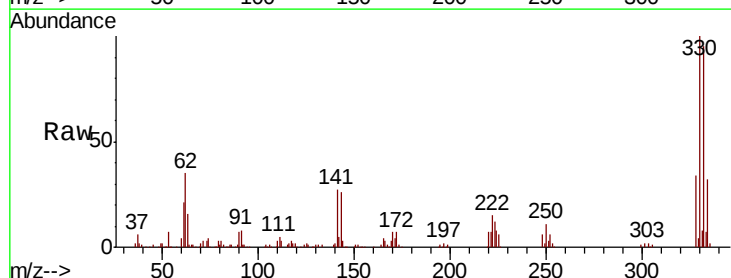
Tgt Ion:330 Resp: 254417

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

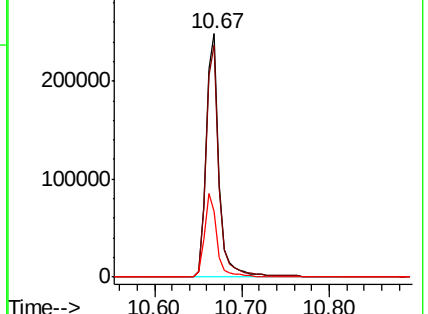
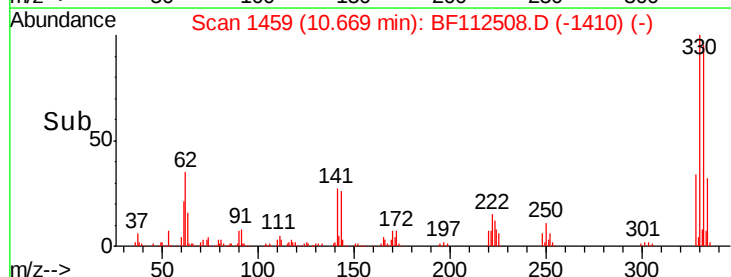
141 33.6 24.3 36.5



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

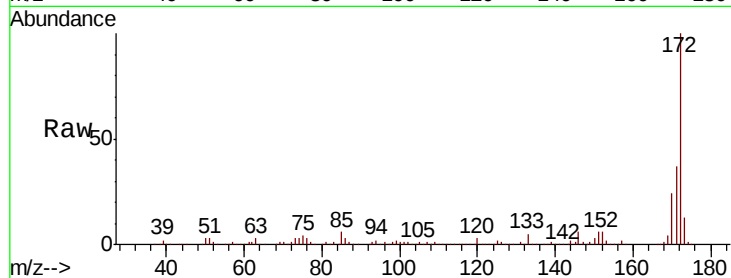




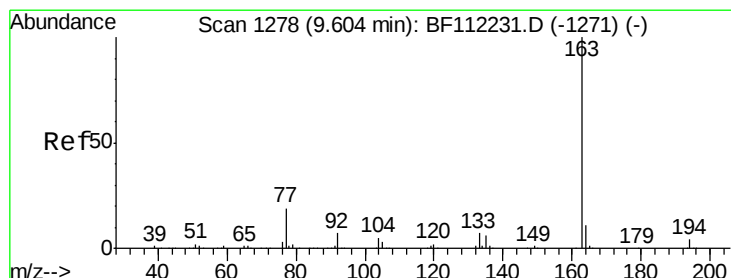
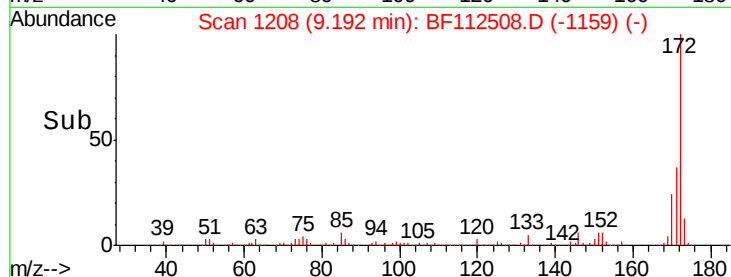
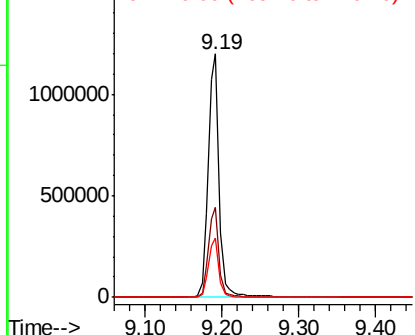
#45
 2-Fluorobiphenyl
 Concen: 84.866 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112508.D
 Acq: 12 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tgt Ion:172 Resp: 1169727
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 24.2 20.2 30.4

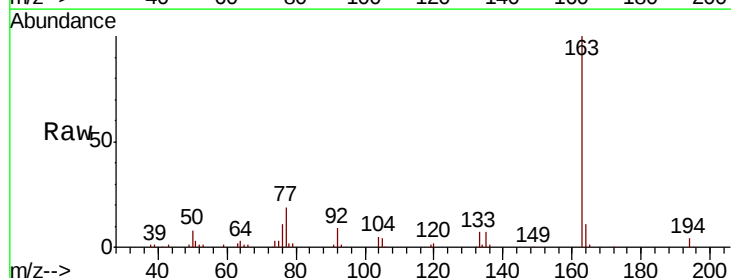


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

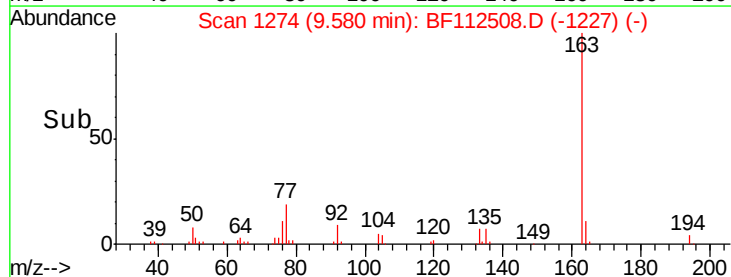
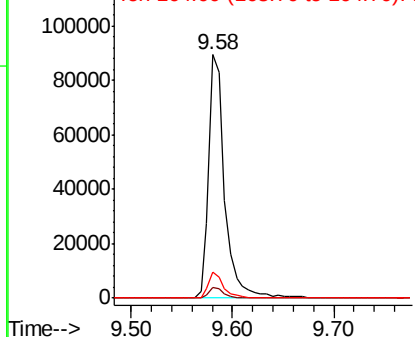


#50
 Dimethylphthalate
 Concen: 6.500 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF112508.D
 Acq: 12 Feb 2019 13:24

Tgt Ion:163 Resp: 98453
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 10.6 8.5 12.7



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

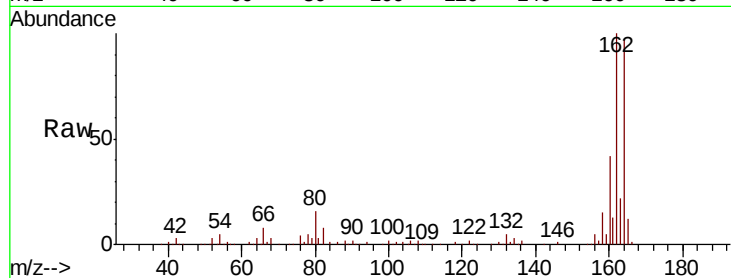




#57
2,4-Dinitrotoluene
Concen: 5.466 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	23605		
63	1.4	27.9	41.9#	
89	1.4	47.9	71.9#	
182	0.0	2.2	3.4#	

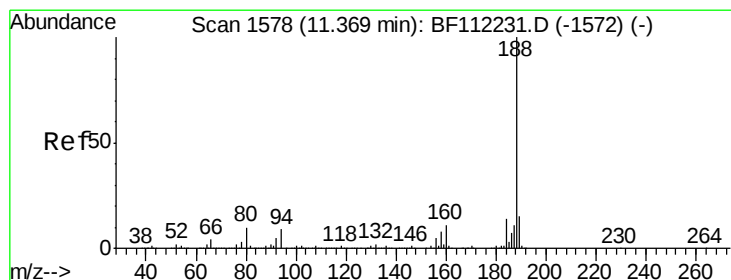
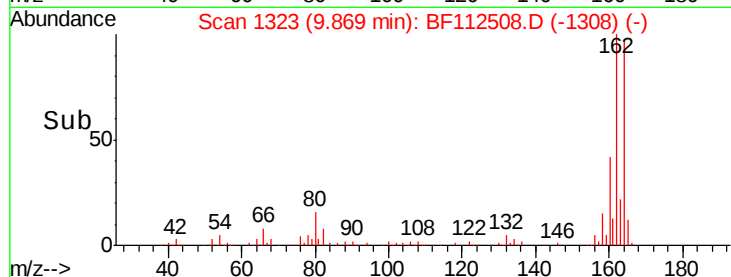
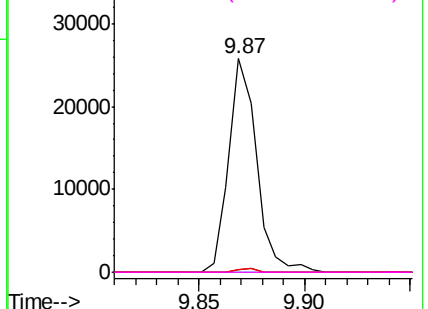


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

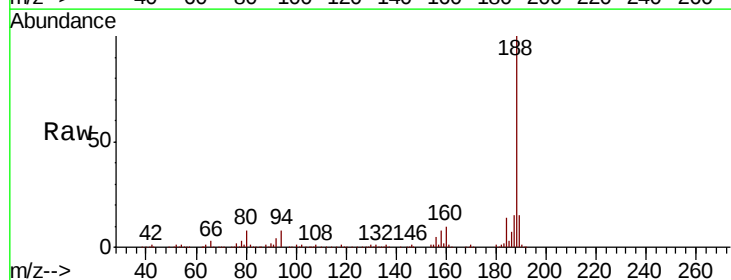
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112508.D
Acq: 12 Feb 2019 13:24

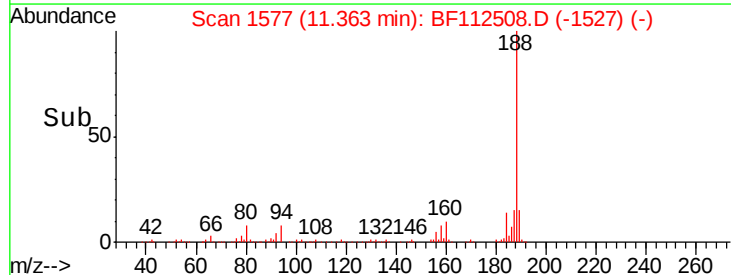
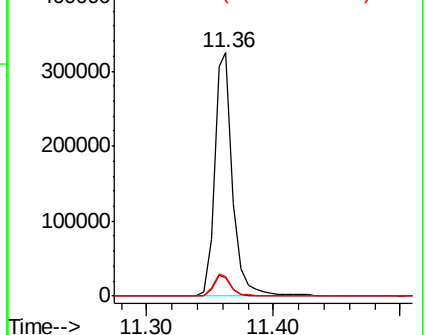
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	325557		
94	7.7	8.2	12.2#	
80	8.1	8.9	13.3#	

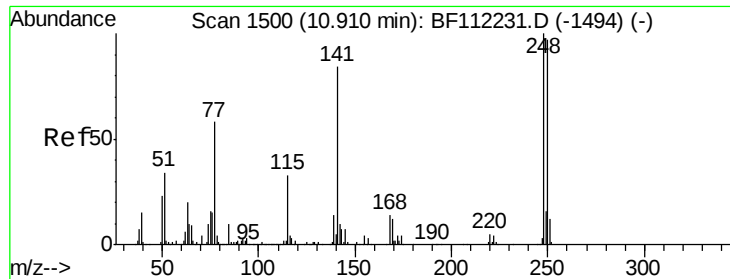


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

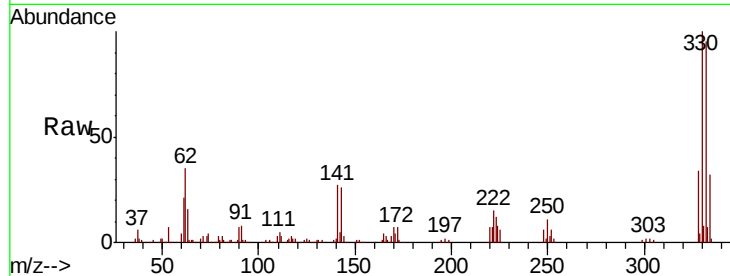




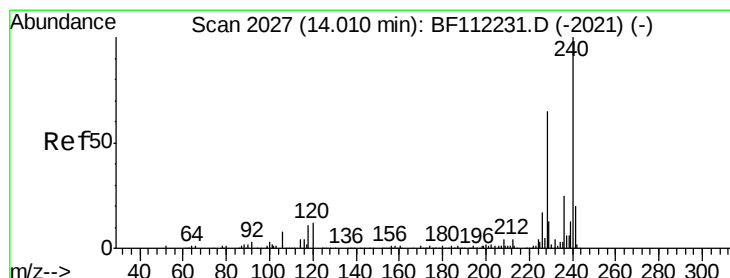
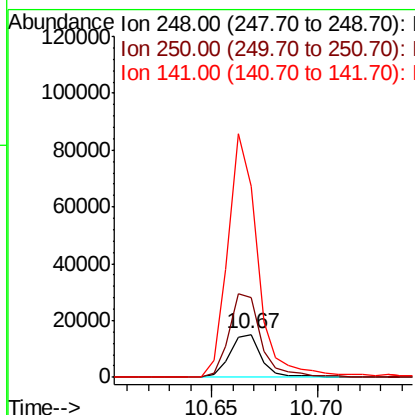
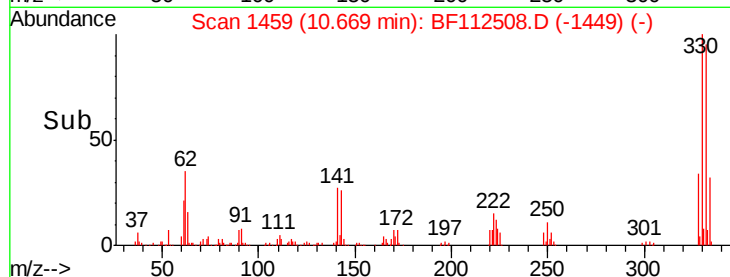
#67
 4-Bromophenyl-phenylether
 Concen: 4.081 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF112508.D
 Acq: 12 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tgt Ion:248 Resp: 15628
 Ion Ratio Lower Upper
 248 100
 250 185.7 79.7 119.5#
 141 442.4 60.3 90.5#

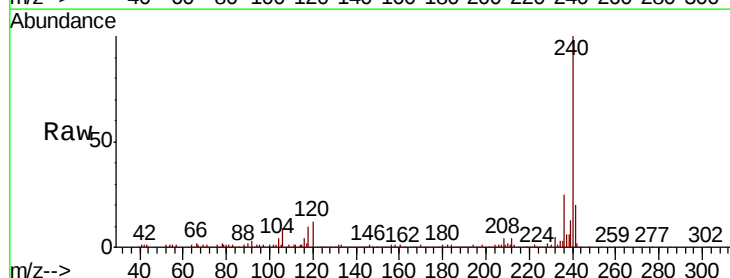


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

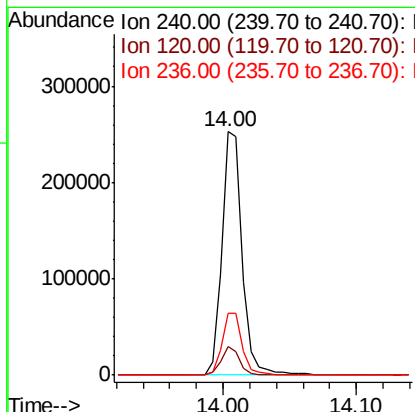
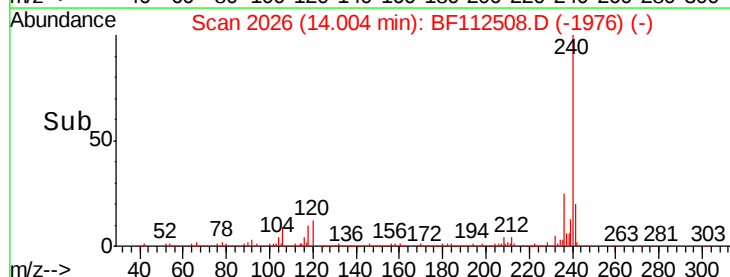


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112508.D
 Acq: 12 Feb 2019 13:24

Tgt Ion:240 Resp: 270858
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.0 13.6
 236 25.4 20.7 31.1



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: 69.687 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

Instrument :

BNA_F

ClientSampled :

TP-3-D

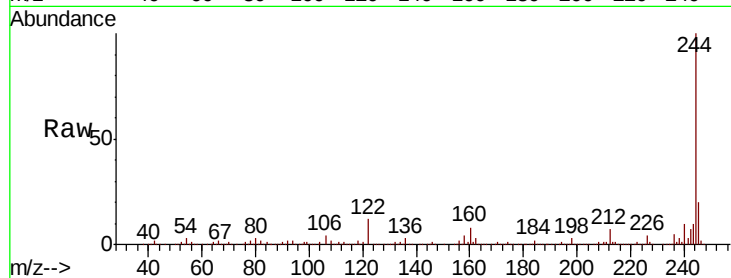
Tgt Ion:244 Resp: 1002168

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

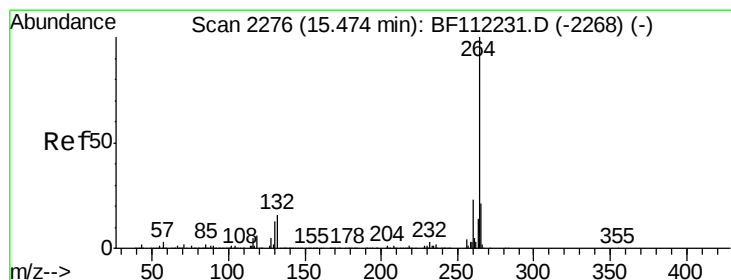
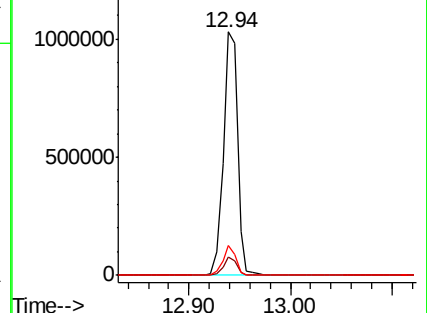
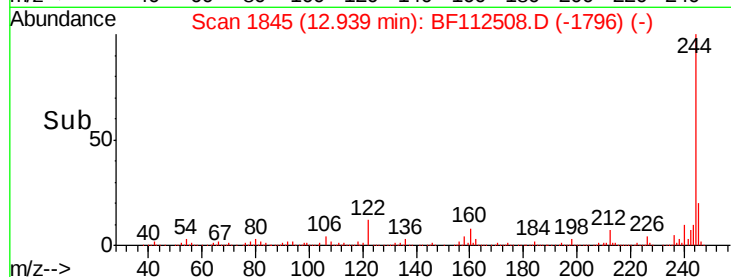
122 12.2 9.8 14.6



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112508.D

Acq: 12 Feb 2019 13:24

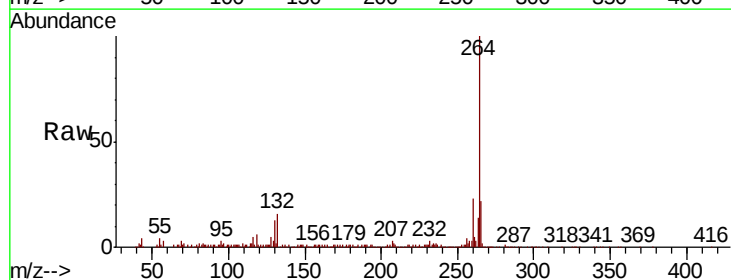
Tgt Ion:264 Resp: 196720

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 21.8 17.0 25.4



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

