

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
 Data File : BF112582.D
 Acq On : 15 Feb 2019 16:52
 Operator : JU/SJ
 Sample : K1487-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

Quant Time: Feb 15 23:43:52 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

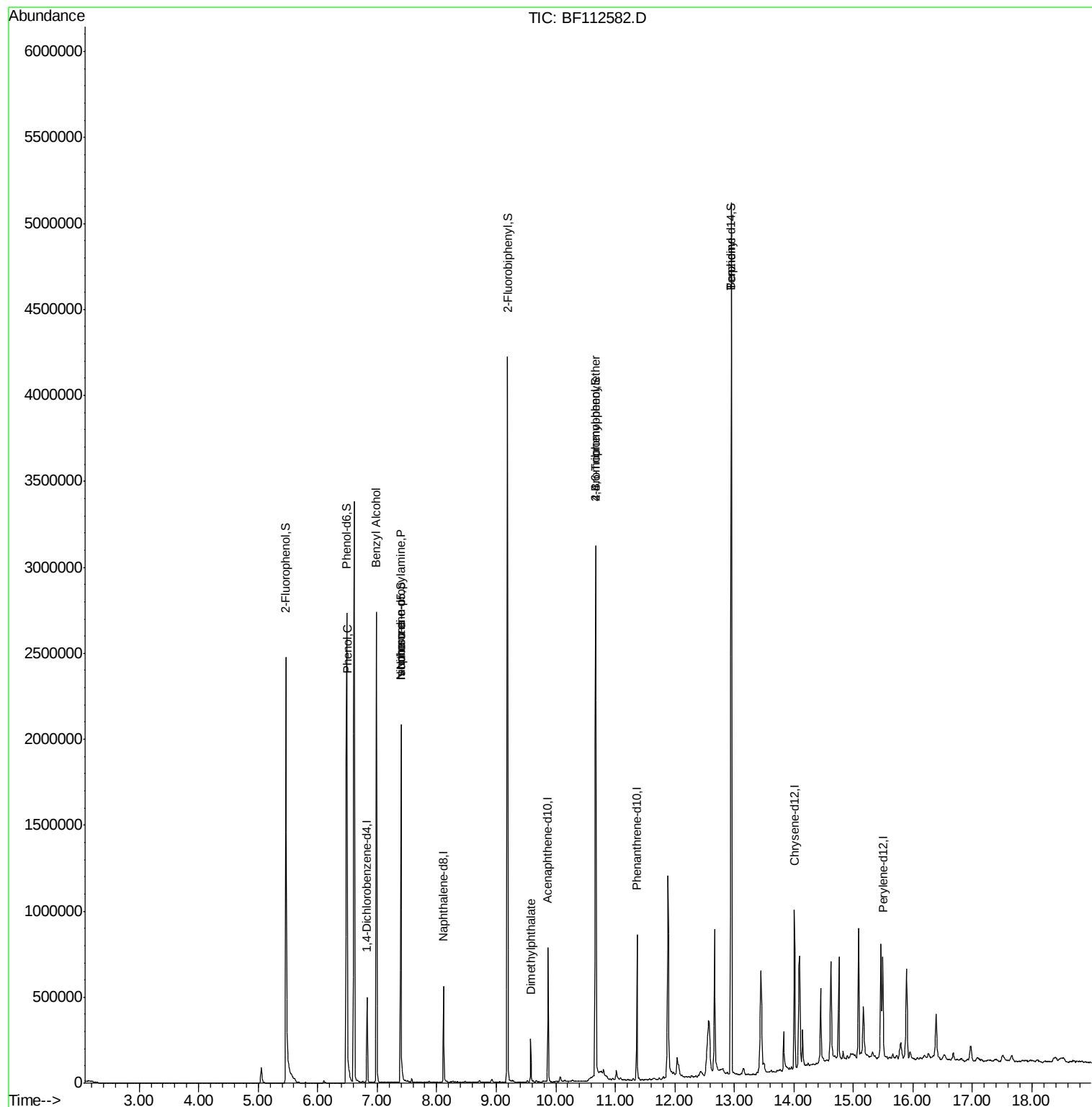
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74321	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	287197	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	145635	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	303327	20.00	ng	0.00
76) Chrysene-d12	14.01	240	299570	20.00	ng	0.00
87) Perylene-d12	15.49	264	270746	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	862162	246.40	ng	-0.01
7) Phenol-d6	6.49	99	1073384	220.77	ng	0.00
23) Nitrobenzene-d5	7.40	82	690590	138.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	398523	235.10	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1385788	134.58	ng	-0.01
79) Terphenyl-d14	12.95	244	1763760	110.89	ng	0.00
Target Compounds						
10) Phenol	6.50	94	20865	3.912	ng	Qvalue 96
15) Benzyl Alcohol	6.99	79	11648	2.842	ng	# 42
19) n-Nitroso-di-n-propylamine	7.40	70	95278	28.419	ng	# 77
25) Isophorone	7.40	82	690585	88.317	ng	# 64
50) Dimethylphthalate	9.58	163	92568	8.181	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	24455	6.855	ng	# 1
77) Benzidine	12.95	184	26658	3.233	ng	# 95

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

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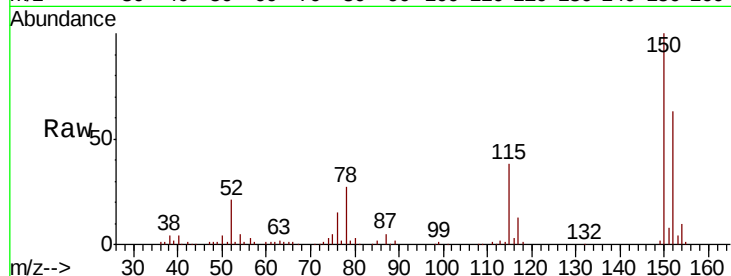


#1

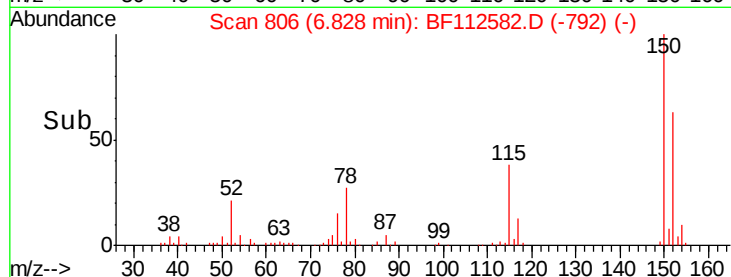
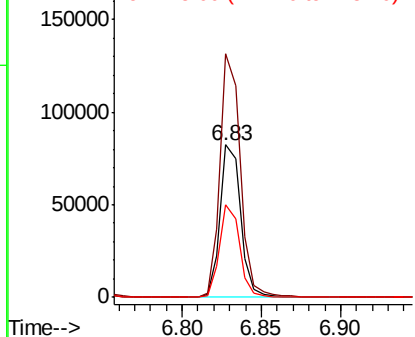
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112582.D
Acq: 15 Feb 2019 16:52

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tgt Ion:152 Resp: 74321
Ion Ratio Lower Upper
152 100
150 160.0 127.4 191.0
115 61.2 45.5 68.3



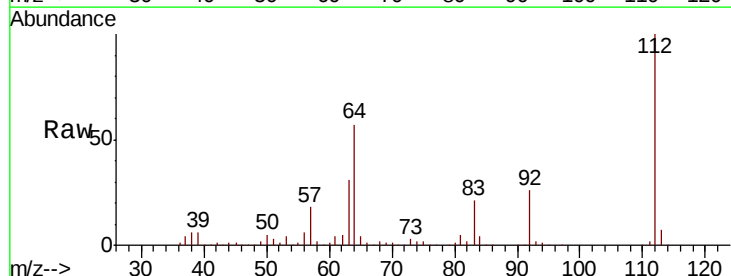
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



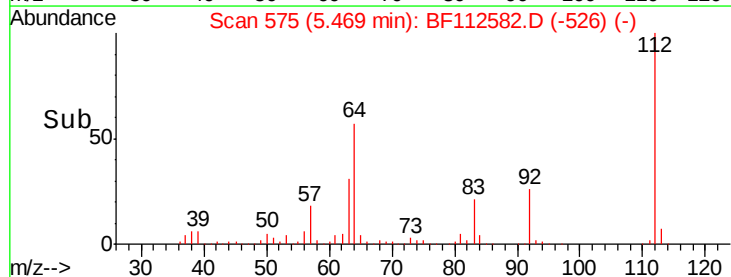
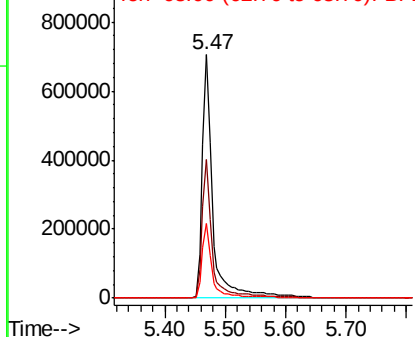
#5

2-Fluorophenol
Concen: 246.403 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112582.D
Acq: 15 Feb 2019 16:52

Tgt Ion:112 Resp: 862162
Ion Ratio Lower Upper
112 100
64 56.8 45.7 68.5
63 30.9 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: 220.768 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

Instrument :

BNA_F

ClientSampleId :

RO-1-4

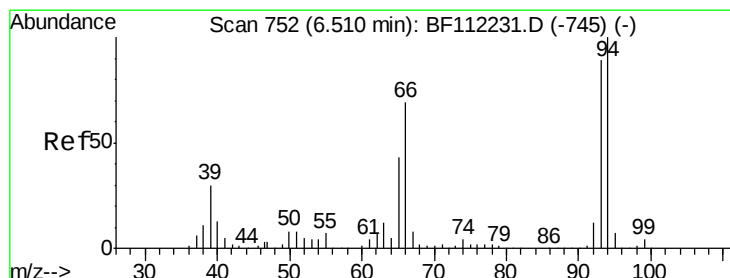
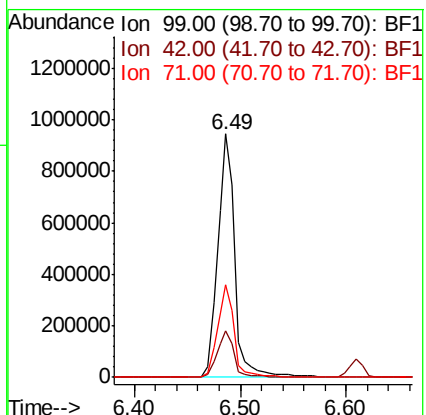
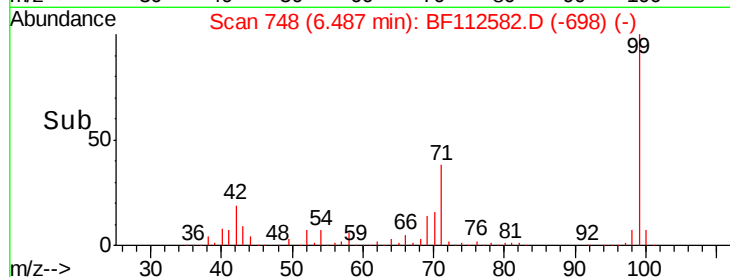
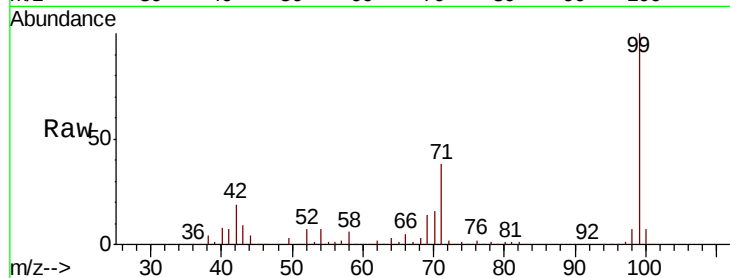
Tgt Ion: 99 Resp: 1073384

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

71 38.1 26.9 40.3



#10

Phenol

Concen: 3.912 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

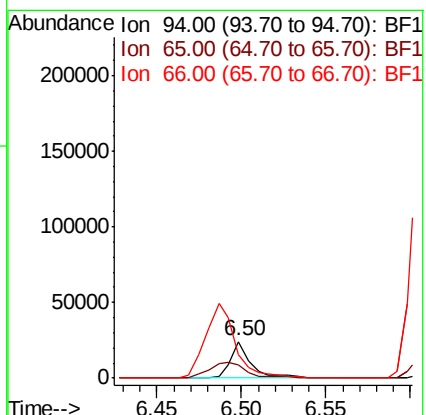
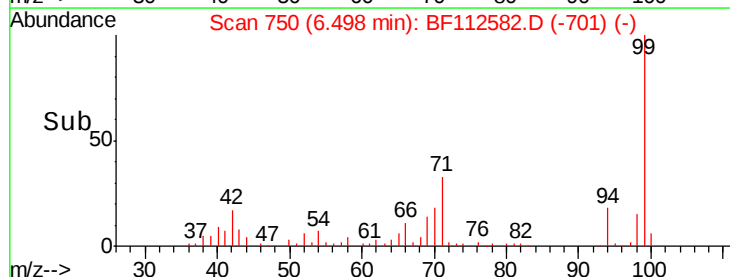
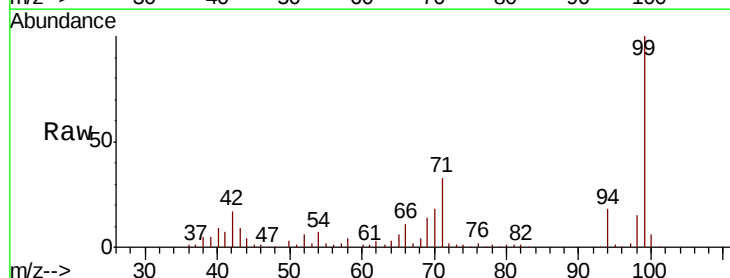
Tgt Ion: 94 Resp: 20865

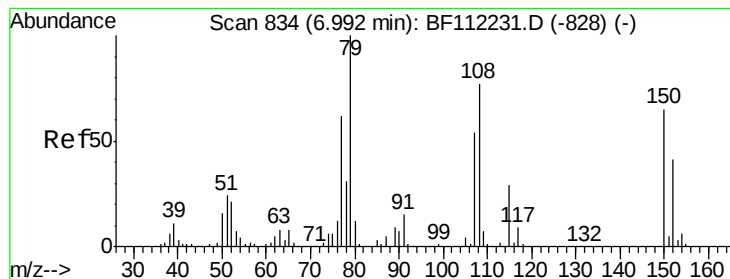
Ion Ratio Lower Upper

94 100

65 36.0 20.3 60.3

66 63.6 42.4 82.4





#15

Benzyl Alcohol

Concen: 2.842 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

Instrument :

BNA_F

ClientSampleId :

RO-1-4

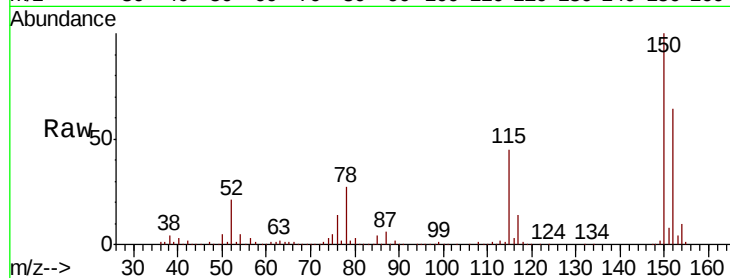
Tgt Ion: 79 Resp: 11648

Ion Ratio Lower Upper

79 100

108 32.1 64.2 96.2#

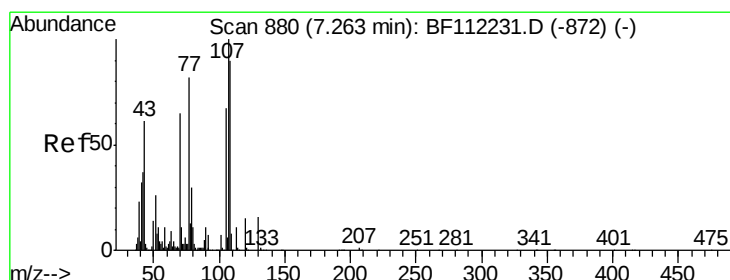
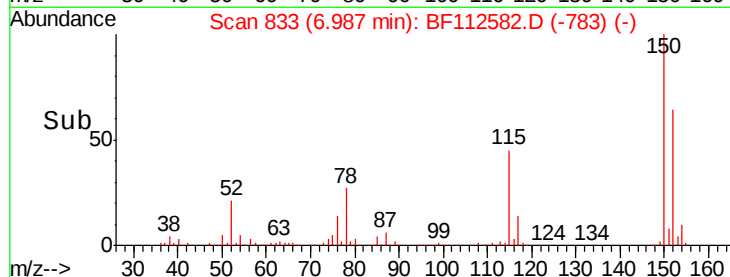
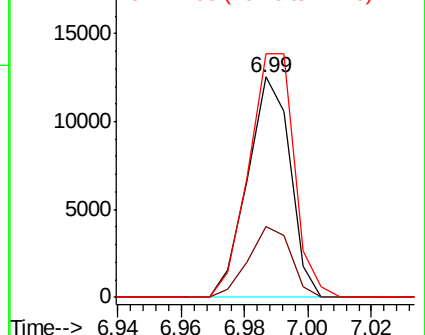
77 110.7 50.3 75.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 28.419 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

Tgt Ion: 70 Resp: 95278

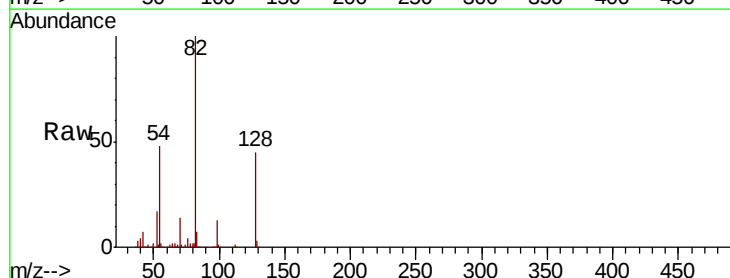
Ion Ratio Lower Upper

70 100

42 47.9 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

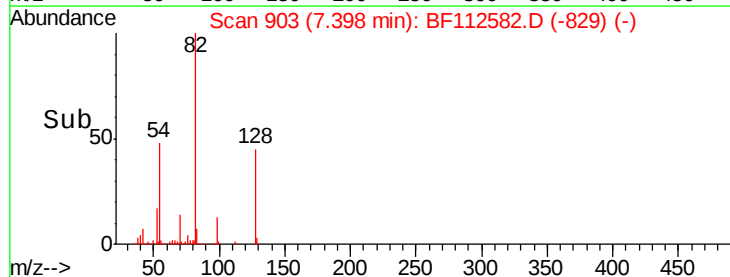
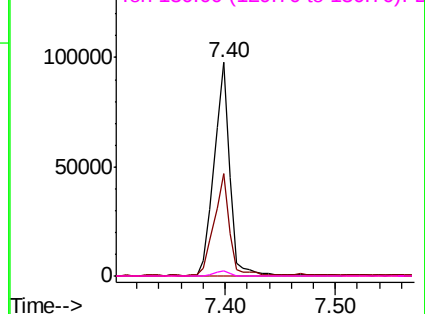


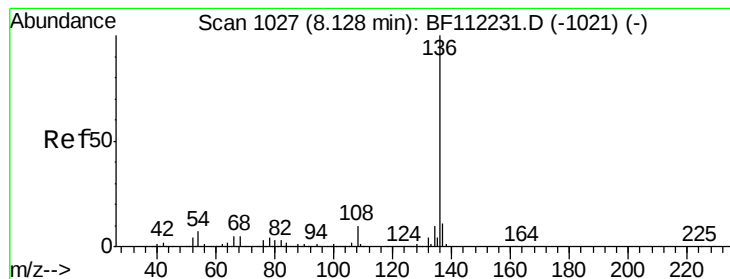
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

Instrument :

BNA_F

ClientSampleId :

RO-1-4

Tgt Ion:136 Resp: 287197

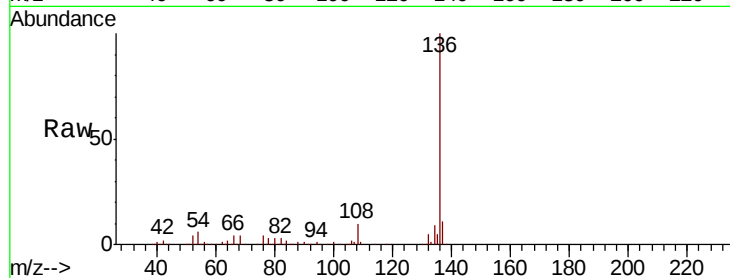
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.7 5.9 8.9#

68 4.1 5.1 7.7#

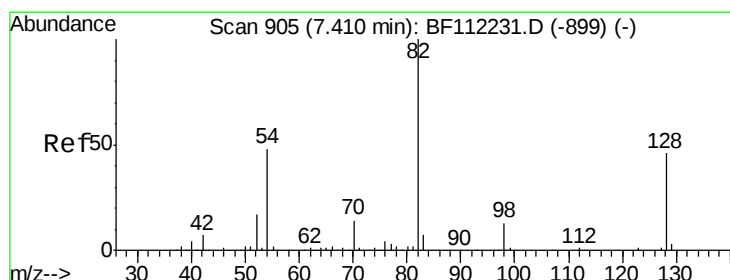
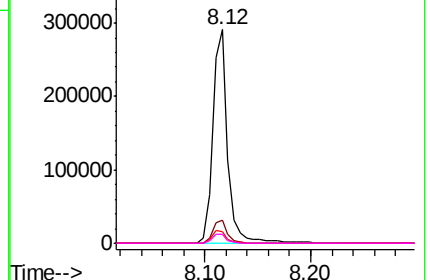
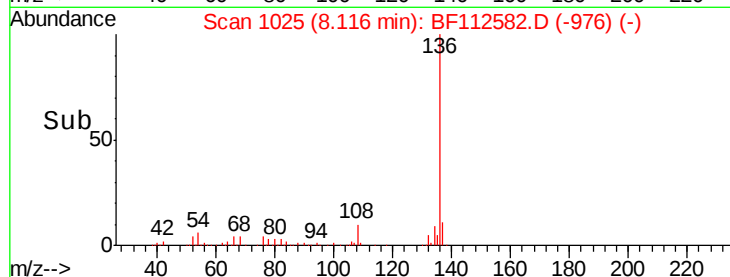


Abundance Ion 136.00 (135.70 to 136.70): E

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: 138.552 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

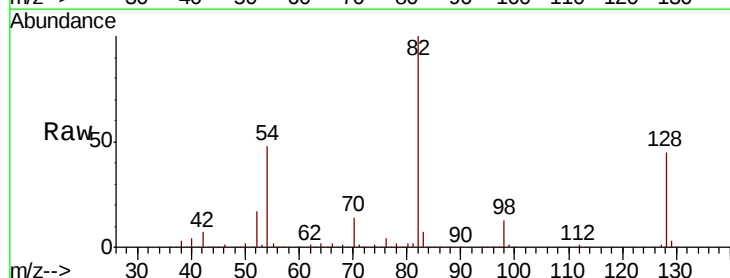
Tgt Ion: 82 Resp: 690590

Ion Ratio Lower Upper

82 100

128 44.8 37.8 56.8

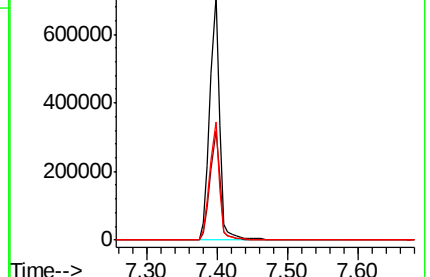
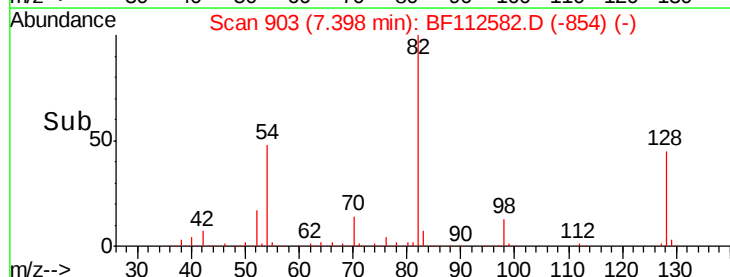
54 48.4 39.7 59.5

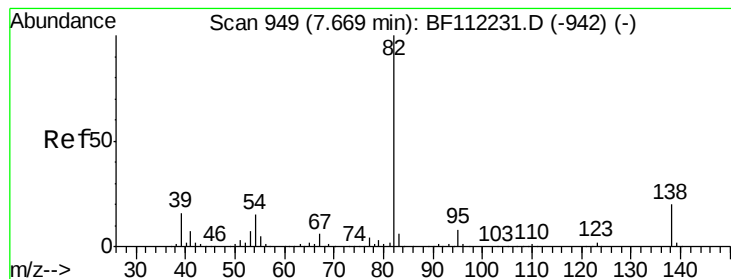


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 88.317 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

Instrument :

BNA_F

ClientSampleID :

RO-1-4

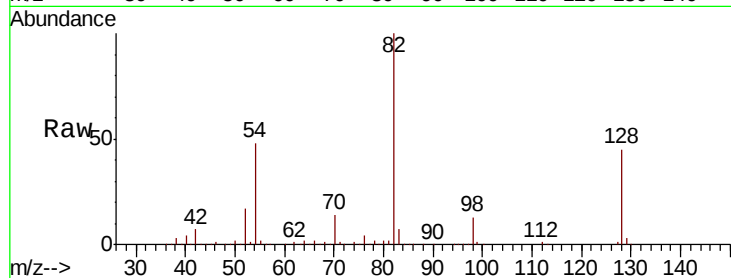
Tgt Ion: 82 Resp: 690585

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

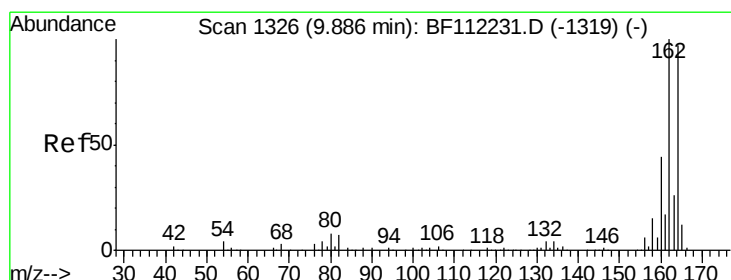
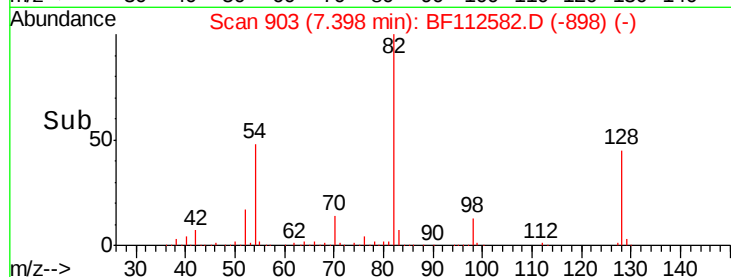
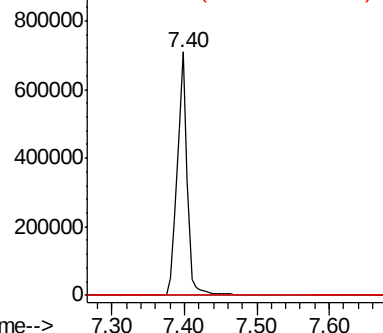
138 0.0 15.4 23.0#



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: BF112582.D

Acq: 15 Feb 2019 16:52

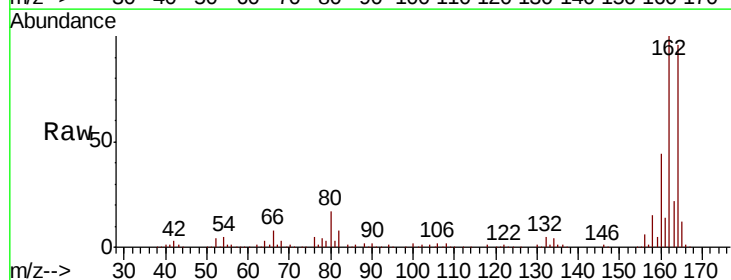
Tgt Ion: 164 Resp: 145635

Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.4

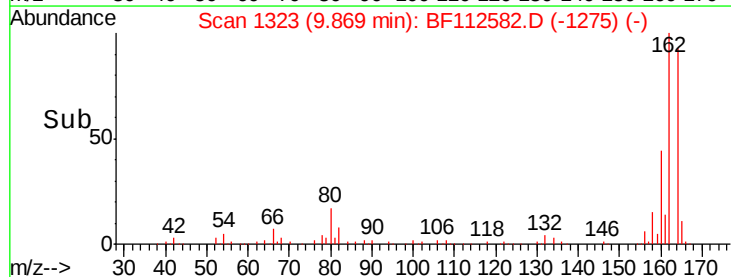
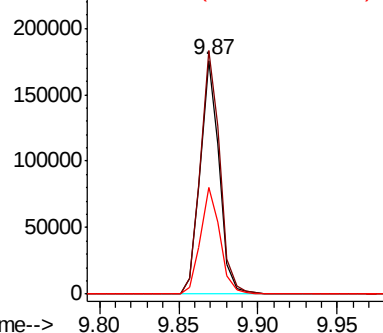
160 45.7 36.2 54.4

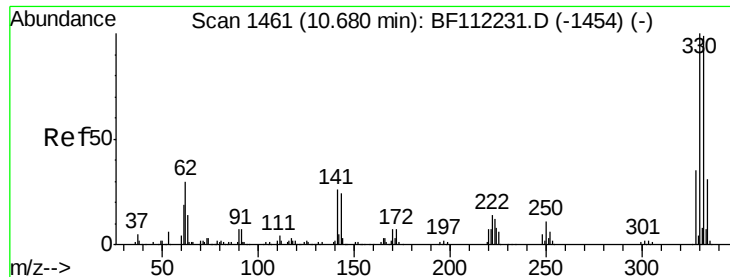


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 235.096 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

Instrument :

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ClientSampleId :

RO-1-4

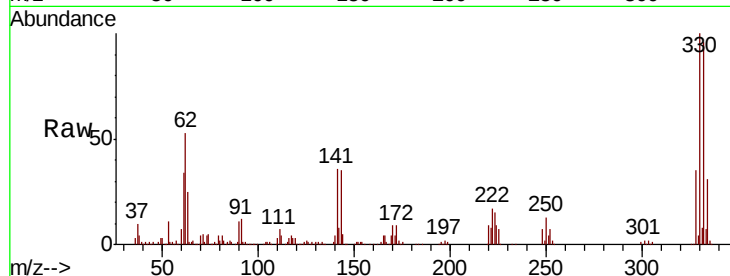
Tgt Ion:330 Resp: 398523

Ion Ratio Lower Upper

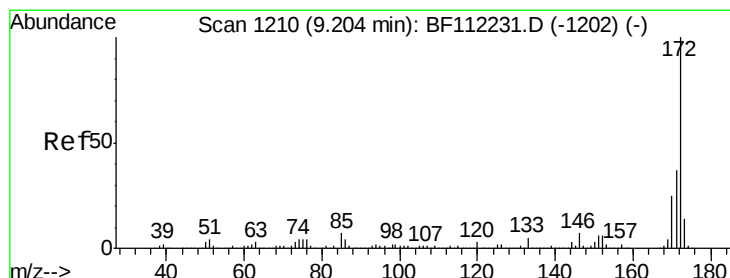
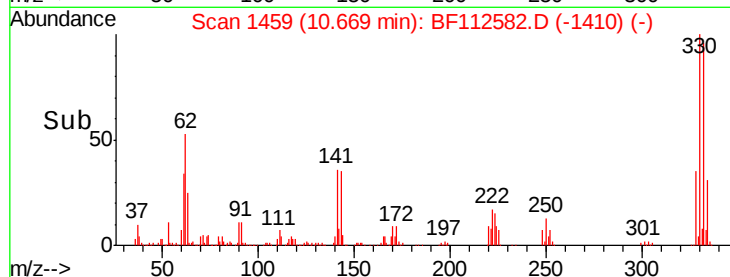
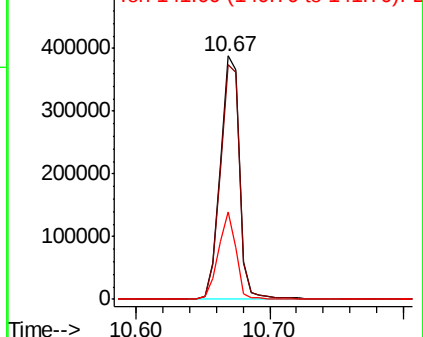
330 100

332 97.6 76.6 114.8

141 33.5 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: 134.581 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

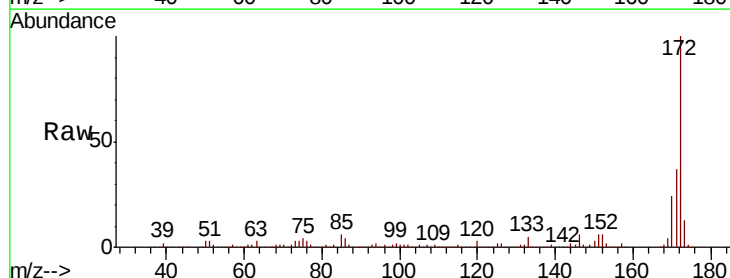
Tgt Ion:172 Resp: 1385788

Ion Ratio Lower Upper

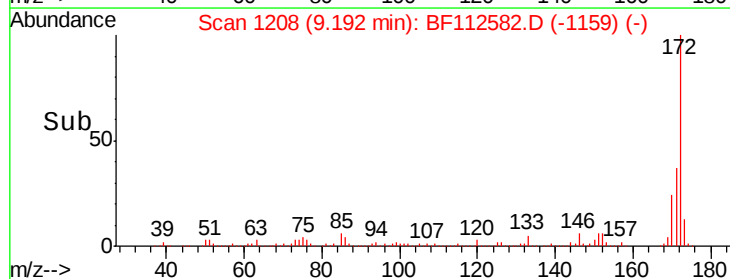
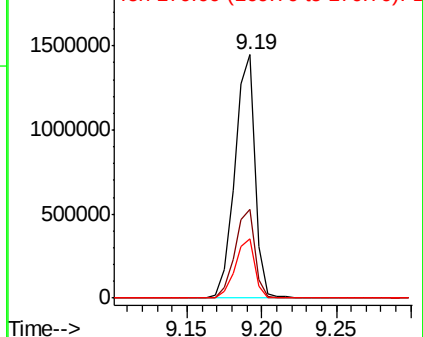
172 100

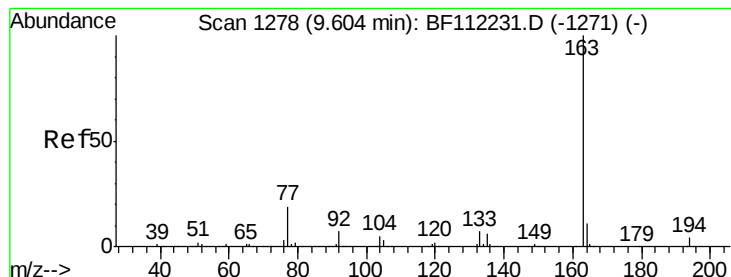
171 36.5 30.5 45.7

170 24.1 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: 8.181 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

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RO-1-4

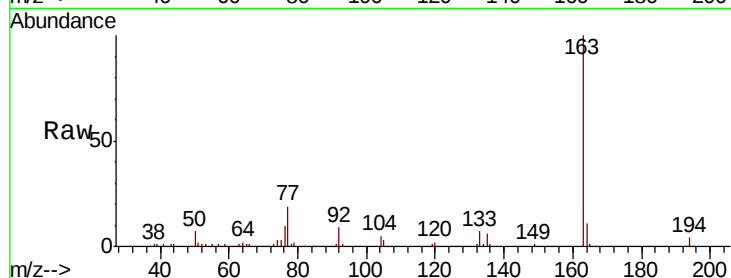
Tgt Ion:163 Resp: 92568

Ion Ratio Lower Upper

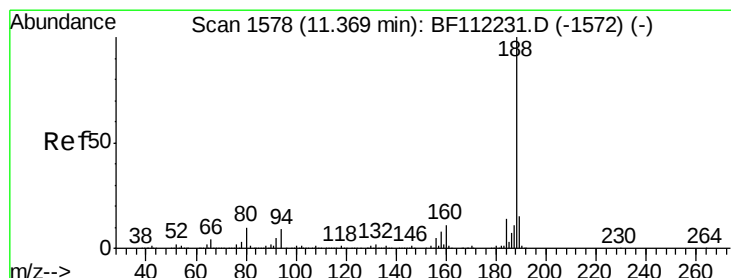
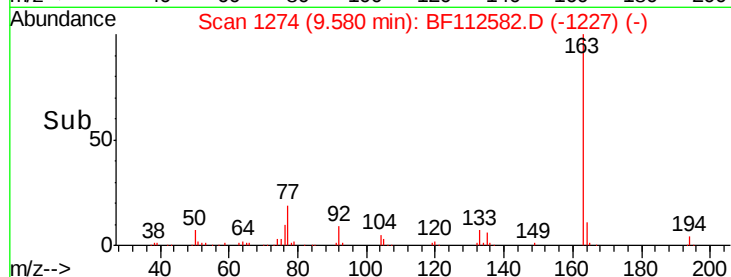
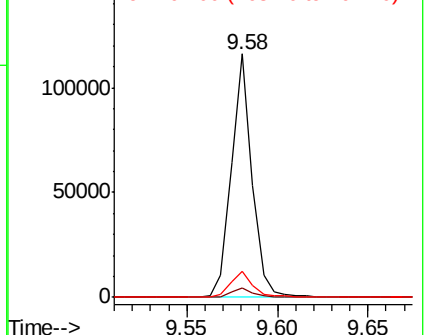
163 100

194 3.8 3.3 4.9

164 10.7 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

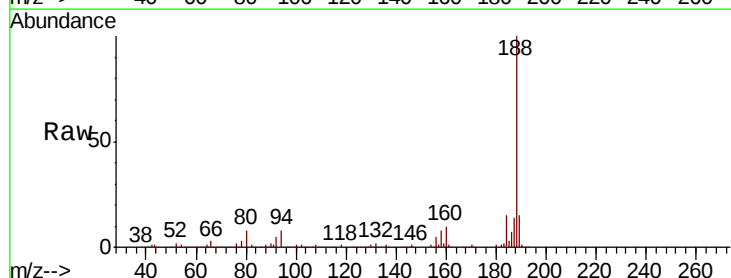
Tgt Ion:188 Resp: 303327

Ion Ratio Lower Upper

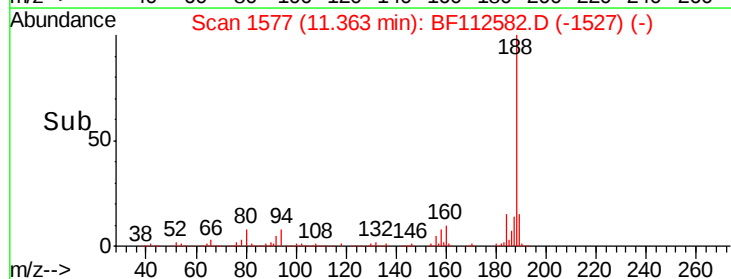
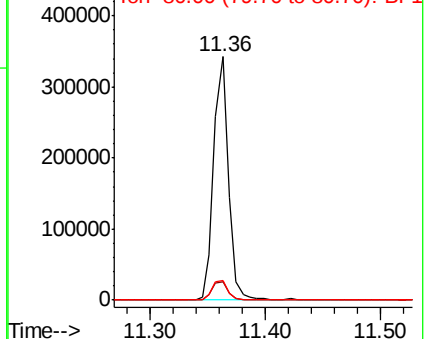
188 100

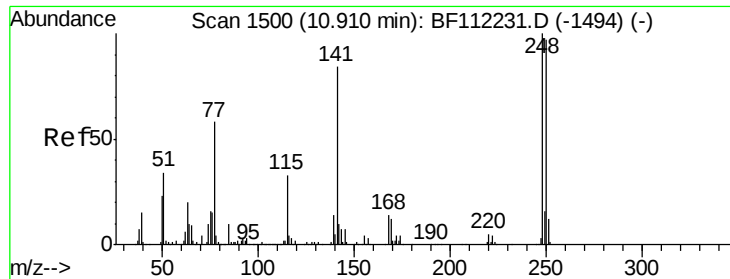
94 7.6 8.2 12.2#

80 8.2 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

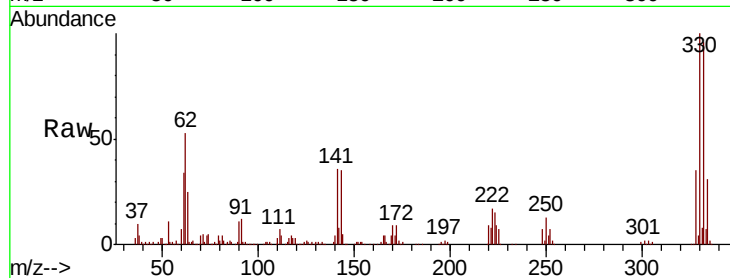




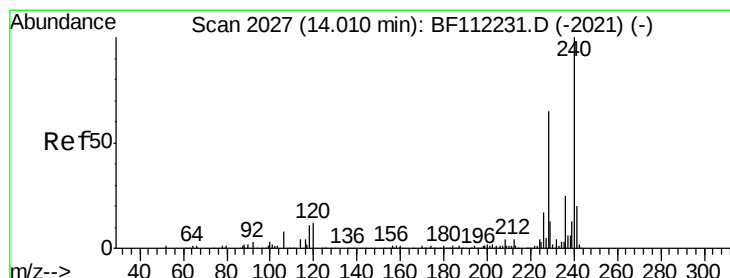
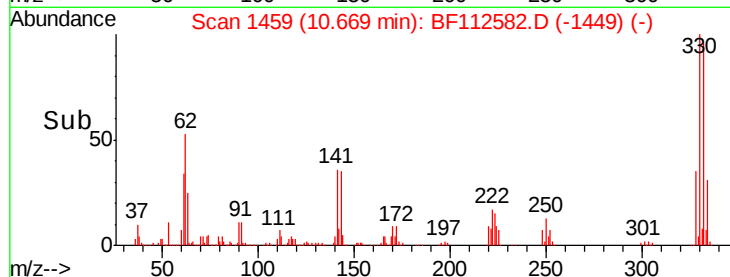
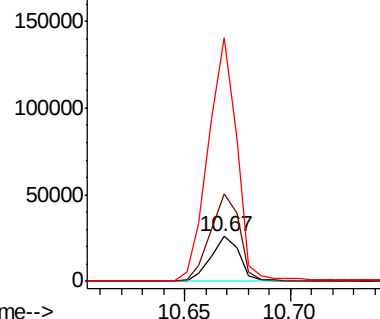
#67
4-Bromophenyl-phenylether
Concen: 6.855 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.24 min
Lab File: BF112582.D
Acq: 15 Feb 2019 16:52

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tgt Ion:248 Resp: 24455
Ion Ratio Lower Upper
248 100
250 194.3 79.7 119.5#
141 543.1 60.3 90.5#

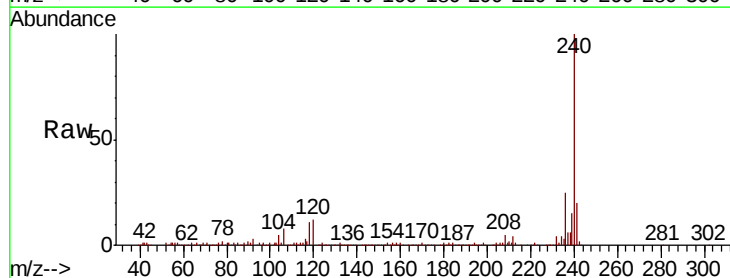


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

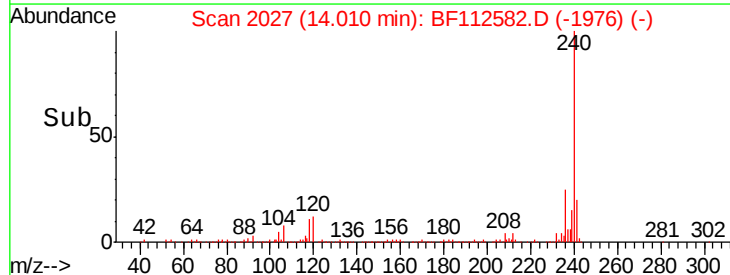
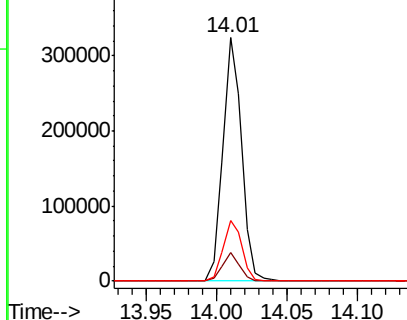


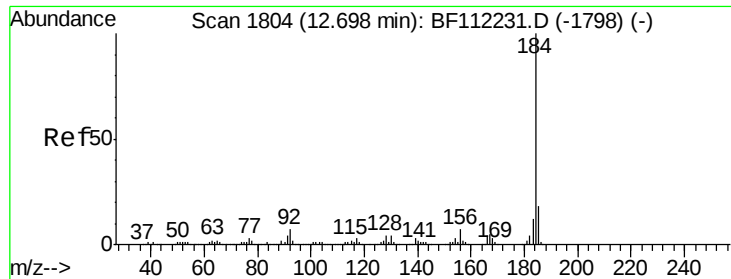
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112582.D
Acq: 15 Feb 2019 16:52

Tgt Ion:240 Resp: 299570
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 24.9 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





#77

Benzidine

Concen: 3.233 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.25 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

Instrument :

BNA_F

ClientSampleId :

RO-1-4

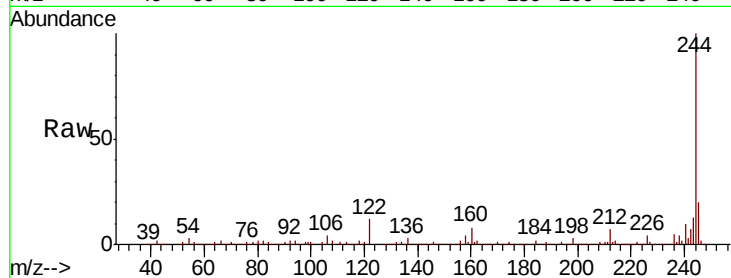
Tgt Ion:184 Resp: 26658

Ion Ratio Lower Upper

184 100

185 19.3 13.9 20.9

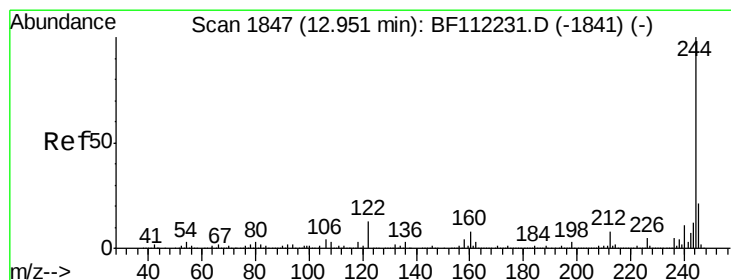
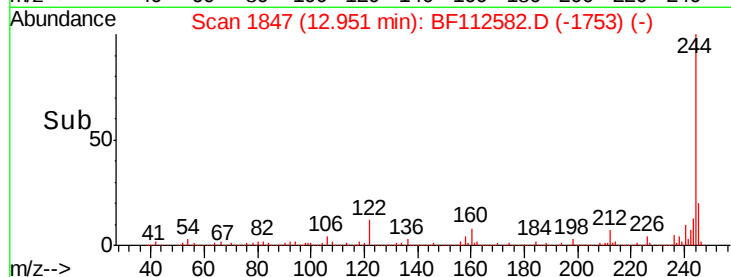
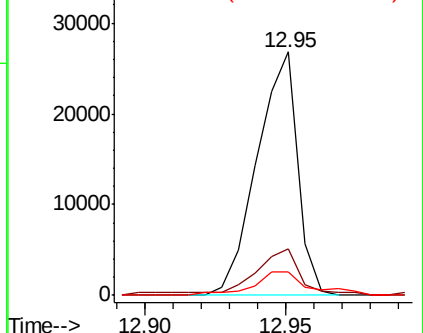
183 9.9 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 110.890 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112582.D

Acq: 15 Feb 2019 16:52

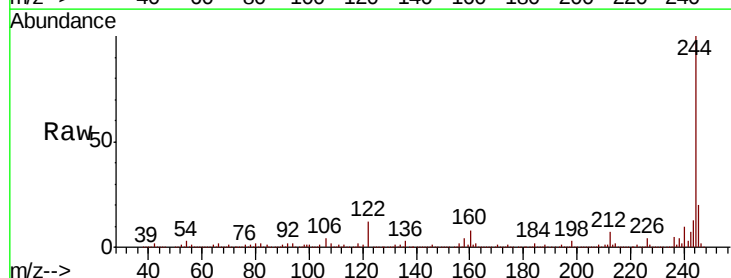
Tgt Ion:244 Resp: 1763760

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

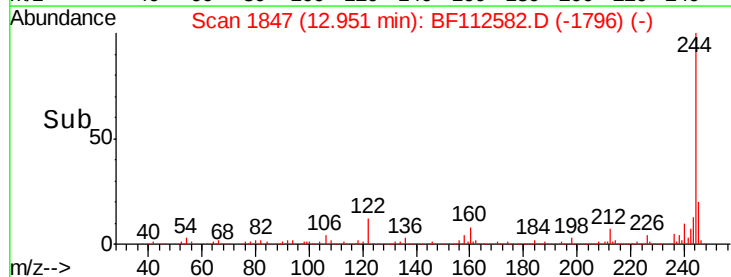
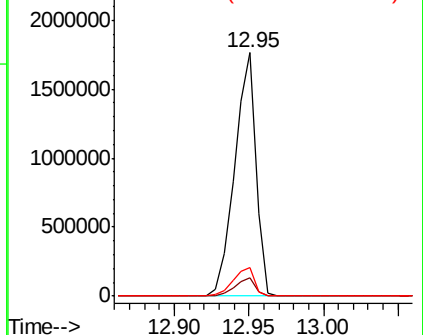
122 11.7 9.8 14.6

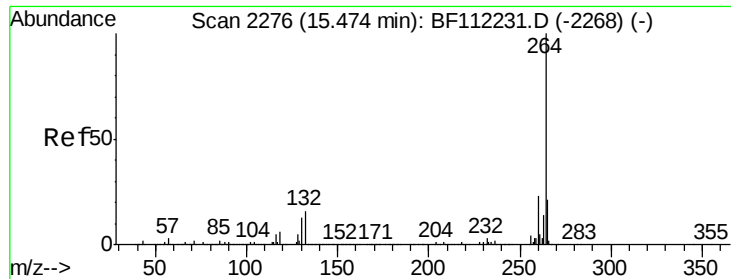


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2279
Delta R.T. 0.02 min
Lab File: BF112582.D
Acq: 15 Feb 2019 16:52

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.3	17.0	25.4

