

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112564.D
 Acq On : 14 Feb 2019 13:37
 Operator : JU/SJ
 Sample : K1458-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Feb 15 04:21:18 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

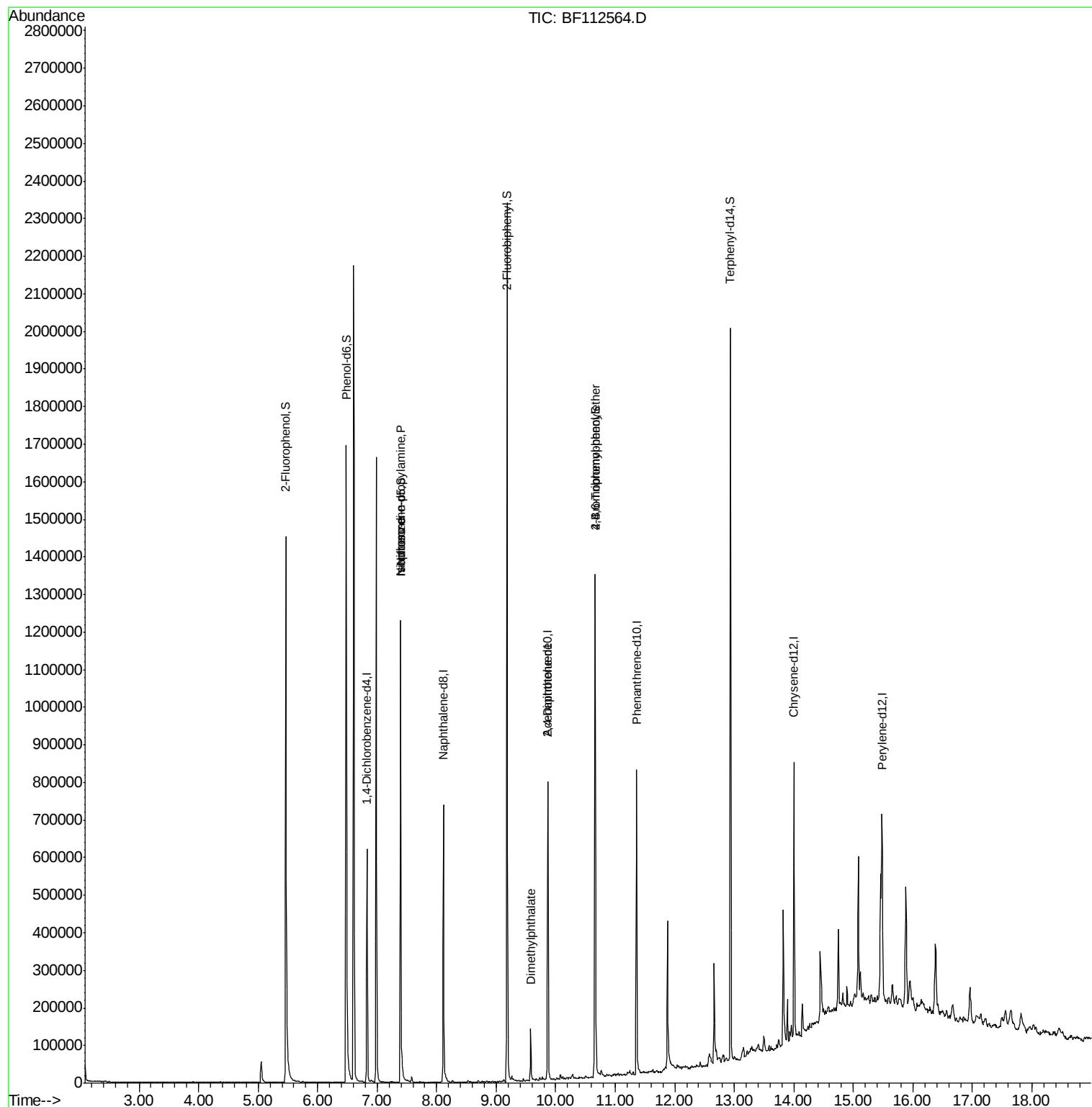
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93450	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	367582	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	171021	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	296383	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	241666	20.00	ng	0.00
87) Perylene-d12	15.48	264	239868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	499259	113.48	ng	-0.02
7) Phenol-d6	6.48	99	622041	101.75	ng	-0.01
23) Nitrobenzene-d5	7.39	82	396495	62.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	179968	90.41	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	764106	63.19	ng	-0.02
79) Terphenyl-d14	12.93	244	639996	49.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	53424	12.673	ng	# 81
25) Isophorone	7.39	82	396493	39.618	ng	# 63
50) Dimethylphthalate	9.58	163	59782	4.499	ng	98
57) 2,4-Dinitrotoluene	9.86	165	22270	5.878	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	10732	3.079	ng	# 1

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

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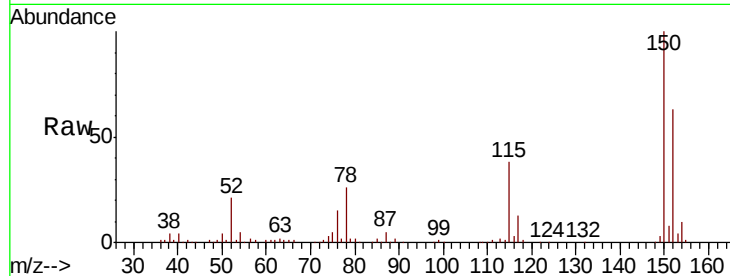


#1

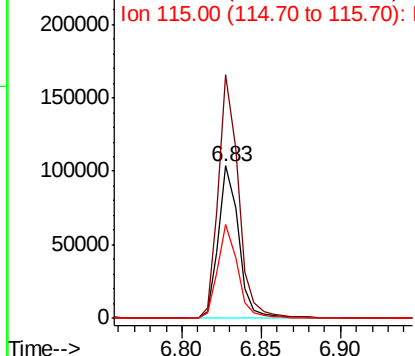
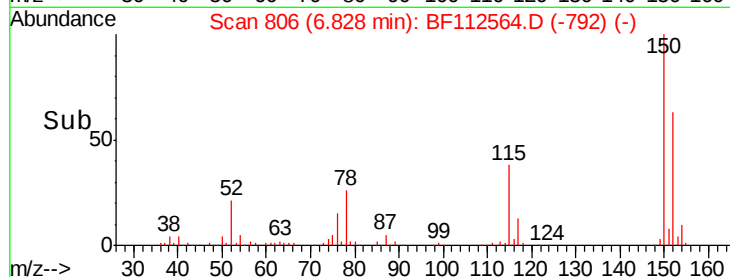
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion:152 Resp: 93450
Ion Ratio Lower Upper
152 100
150 160.0 127.4 191.0
115 61.4 45.5 68.3



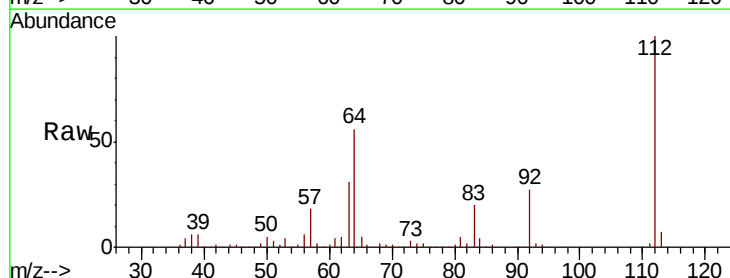
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



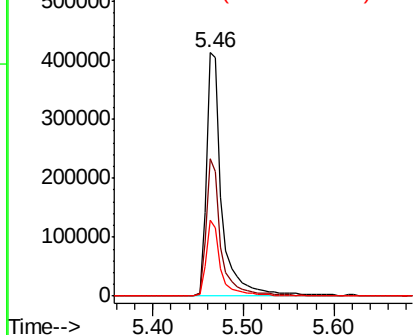
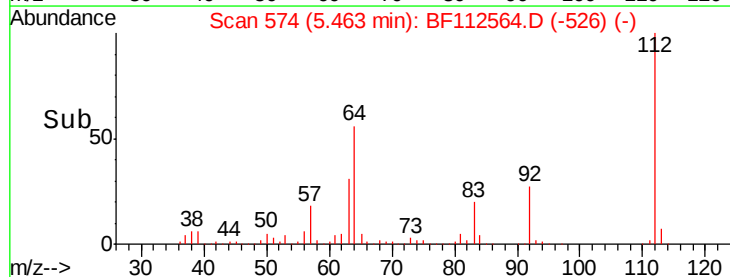
#5

2-Fluorophenol
Concen: 113.479 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Tgt Ion:112 Resp: 499259
Ion Ratio Lower Upper
112 100
64 56.3 45.7 68.5
63 31.1 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: 101.750 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SB-6

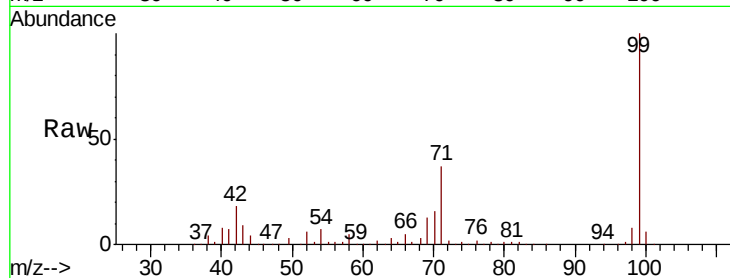
Tot Ion: 99 Resp: 622041

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

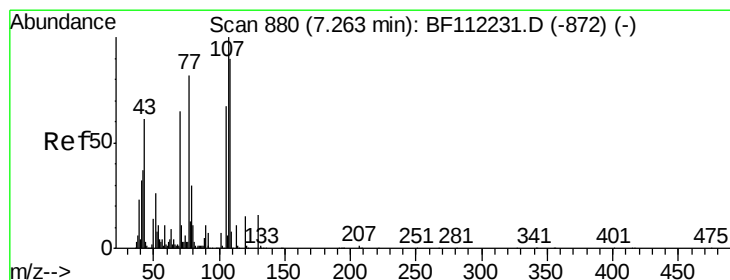
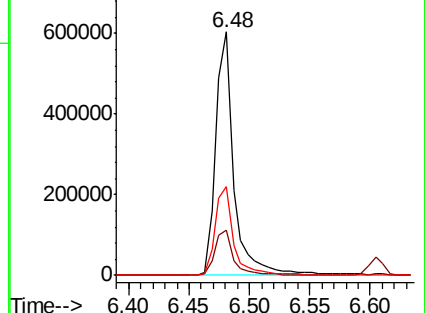
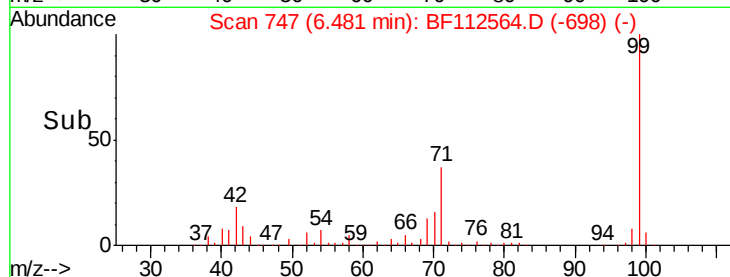
71 36.5 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.673 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

Tgt Ion: 70 Resp: 53424

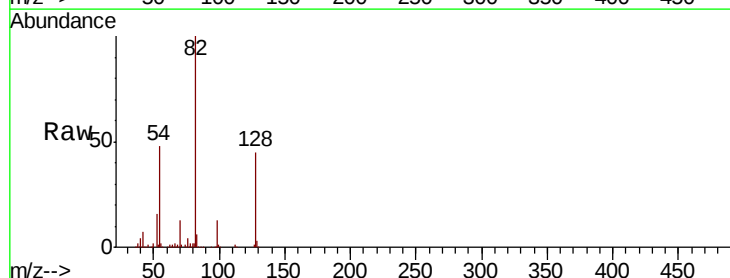
Ion Ratio Lower Upper

70 100

42 52.3 47.6 71.4

101 0.0 7.9 11.9#

130 2.7 18.4 27.6#

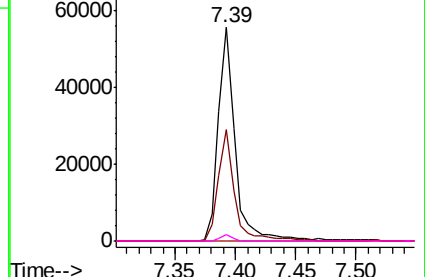
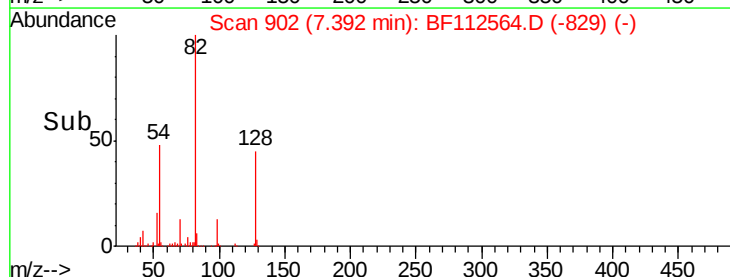


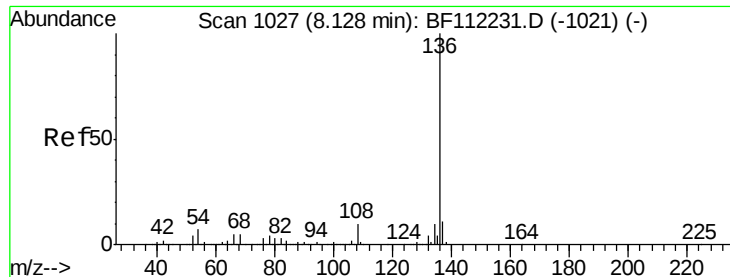
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

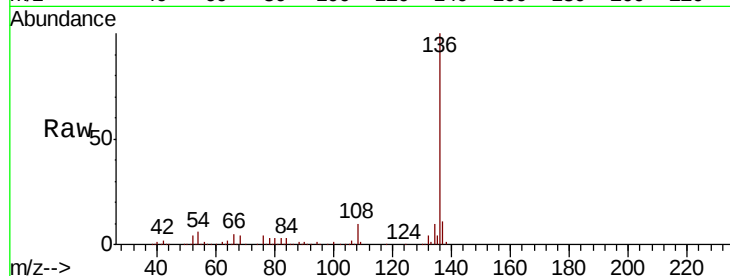




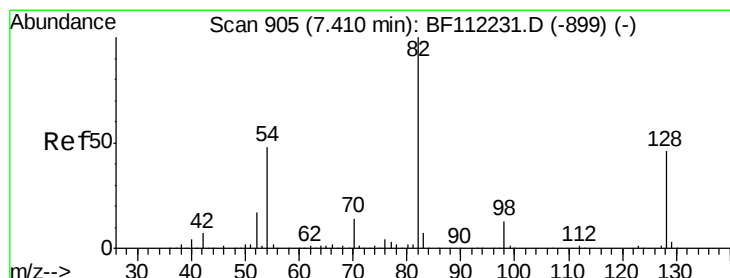
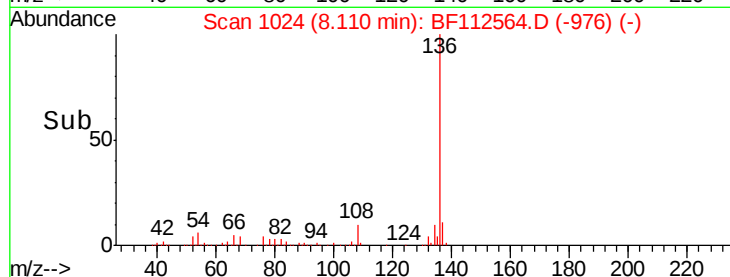
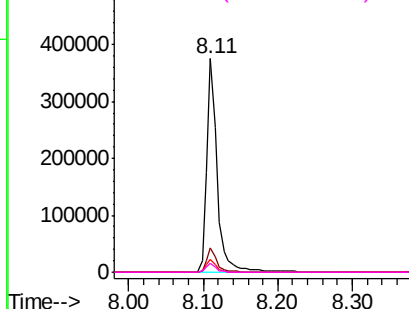
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion:136	Resp:	367582
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.1	13.7
54 6.0	5.9	8.9
68 4.4	5.1	7.7#

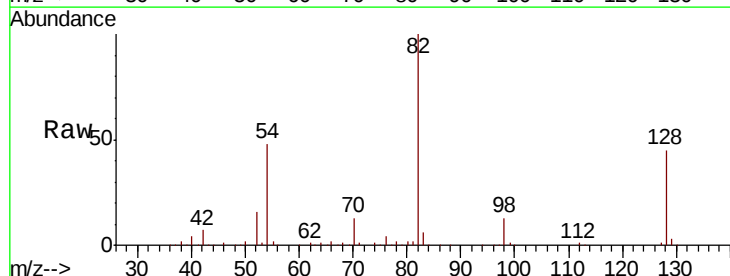


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

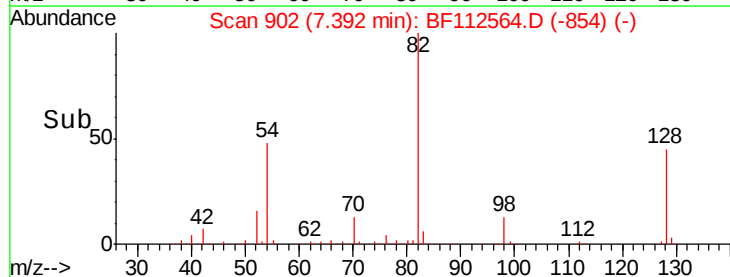
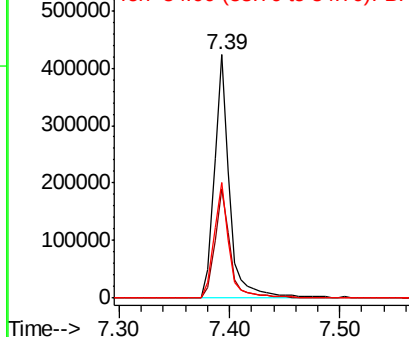


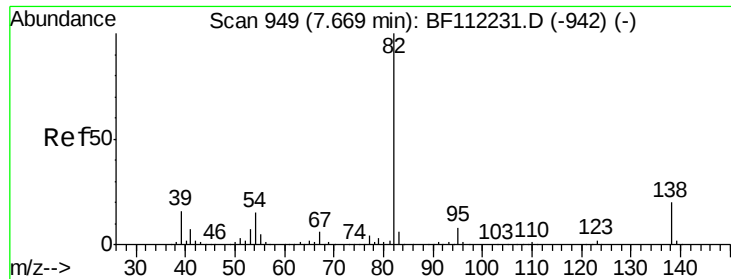
#23
Nitrobenzene-d5
Concen: 62.152 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Tgt	Ion: 82	Resp:	396495
Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.8	56.8
54	47.8	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: 39.618 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SB-6

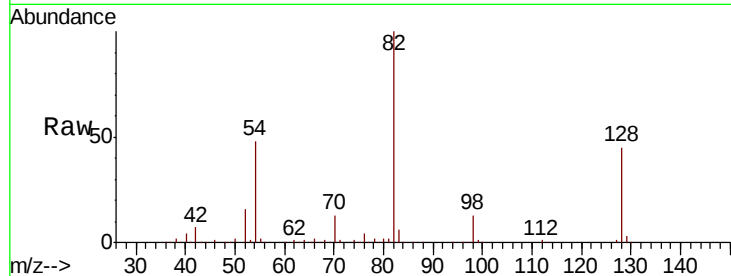
Tot Ion: 82 Resp: 396493

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

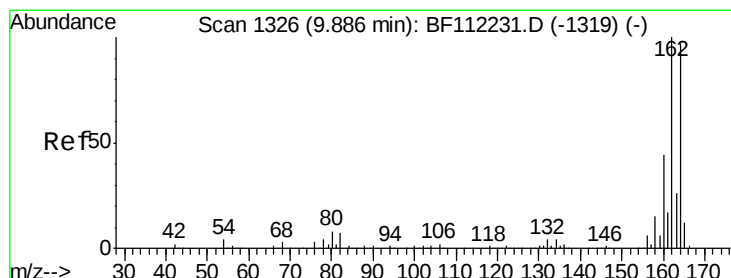
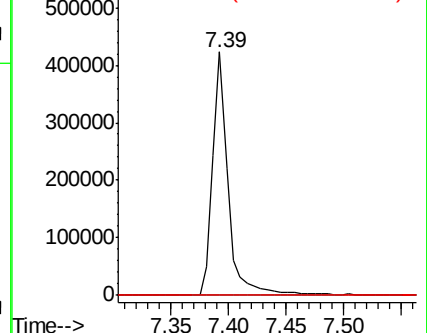
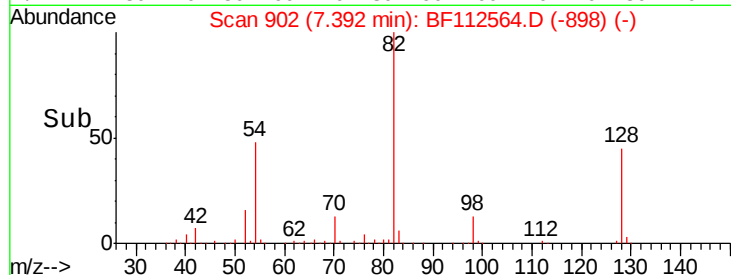
138 0.0 15.4 23.0#



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: BF112564.D

Acq: 14 Feb 2019 13:37

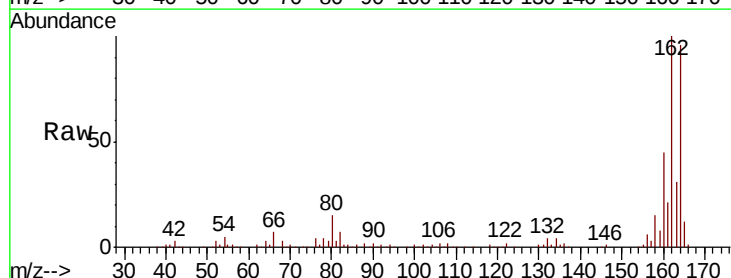
Tgt Ion: 164 Resp: 171021

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

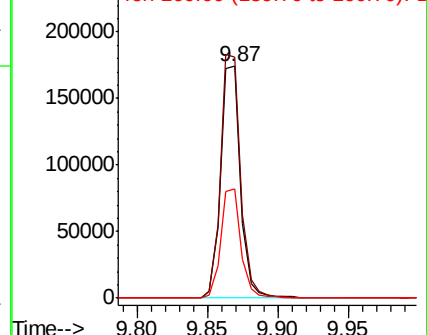
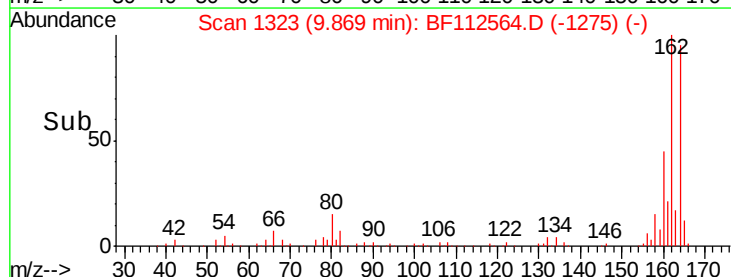
160 47.2 36.2 54.4



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: 90.407 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

Instrument :

BNA_F

ClientSampled :

SB-6

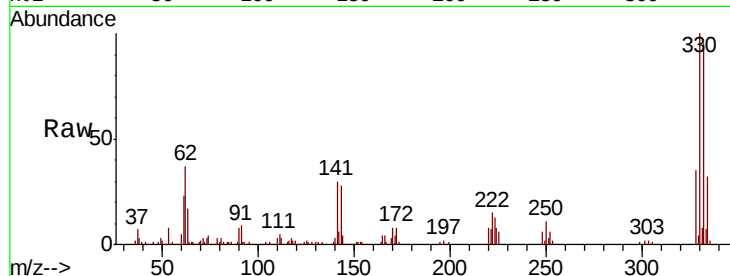
Tot Ion:330 Resp: 179968

Ion Ratio Lower Upper

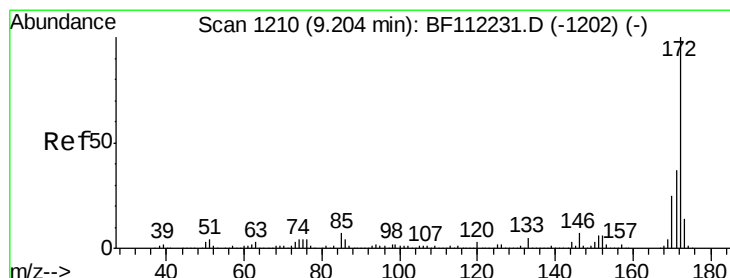
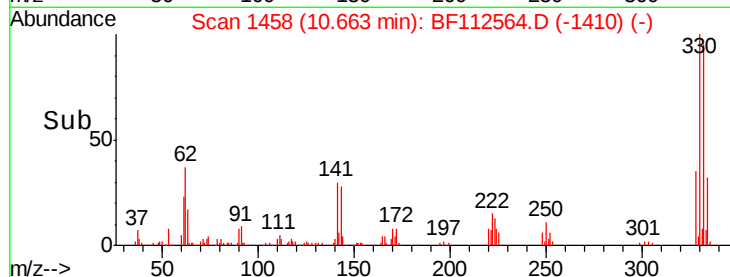
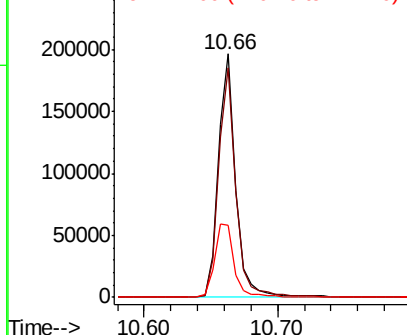
330 100

332 95.5 76.6 114.8

141 34.7 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: 63.191 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

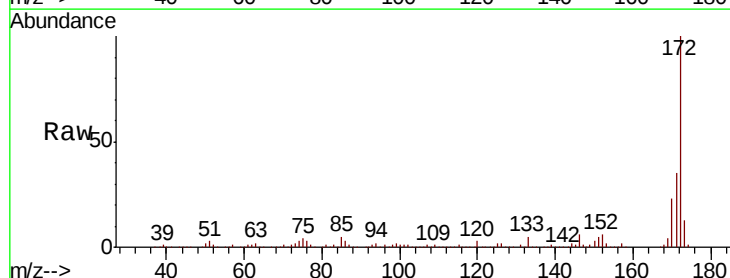
Tgt Ion:172 Resp: 764106

Ion Ratio Lower Upper

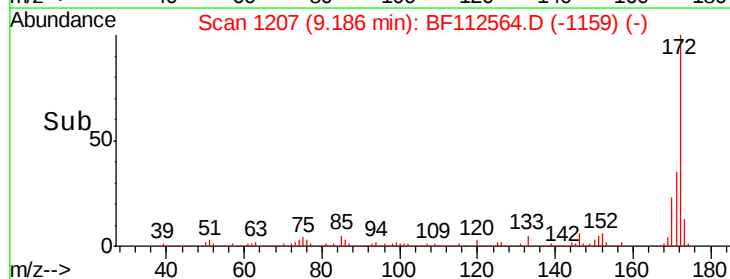
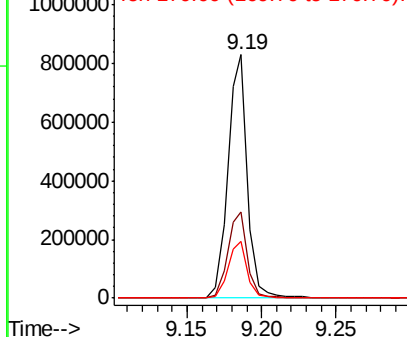
172 100

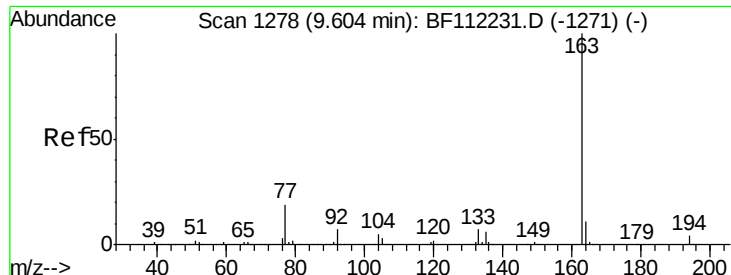
171 35.5 30.5 45.7

170 23.2 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

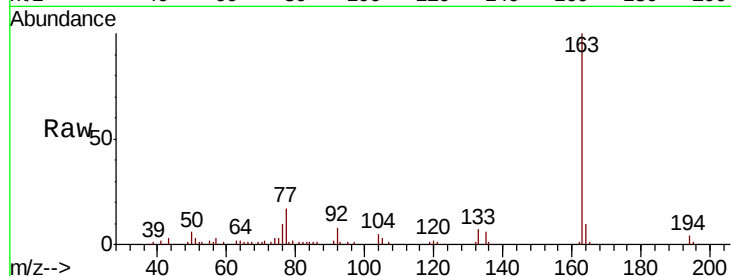




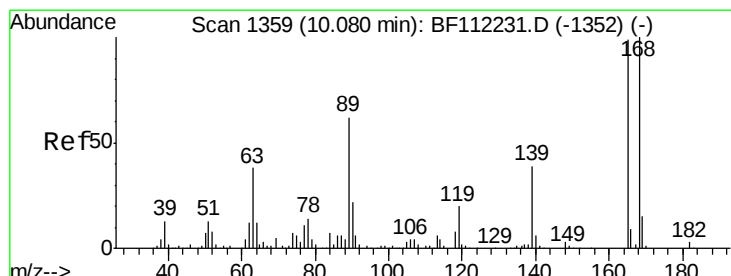
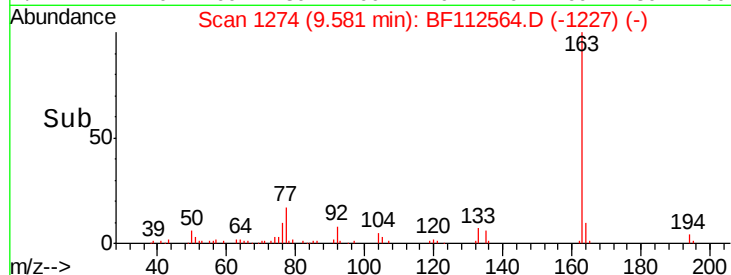
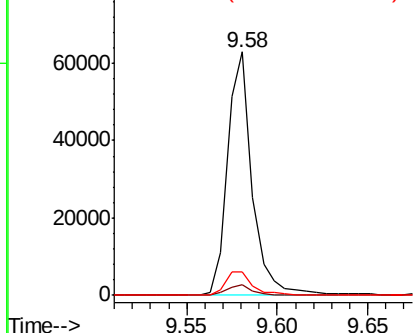
#50
Dimethylphthalate
Concen: 4.499 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion:163	Resp:	59782
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.3 4.9
164	9.6	8.5 12.7

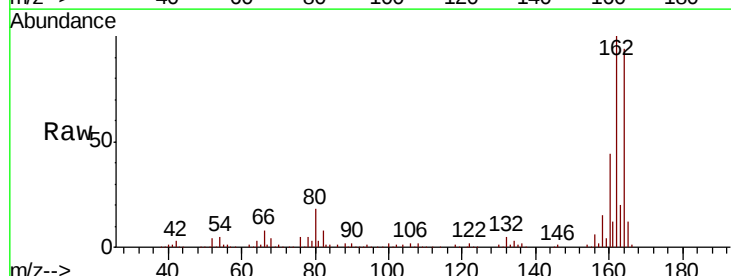


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

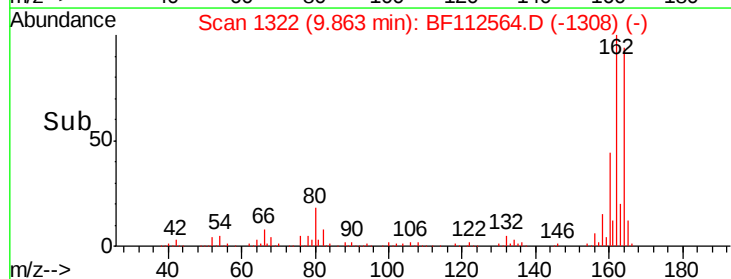
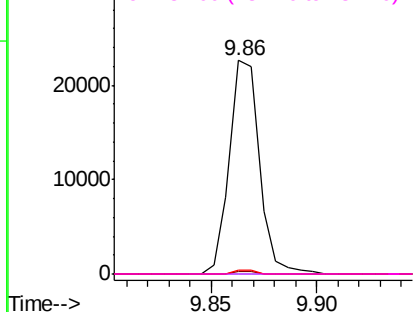


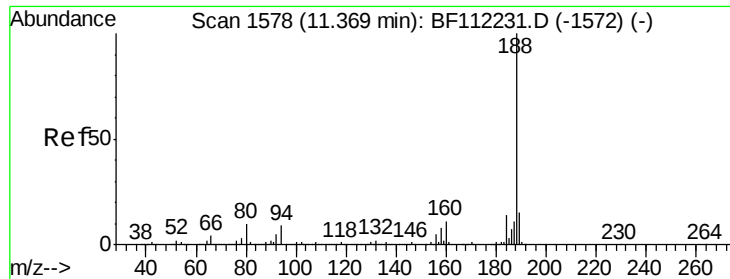
#57
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.22 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Tgt Ion:165	Resp:	22270
Ion Ratio	Lower	Upper
165	100	
63	1.5	27.9 41.9#
89	1.7	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# 1576

Delta R.T. -0.01 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SB-6

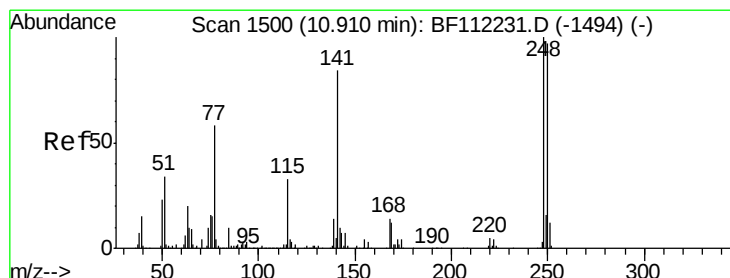
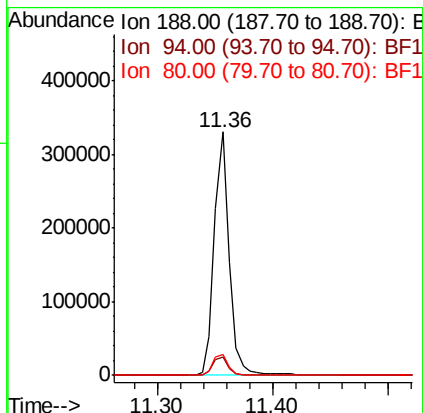
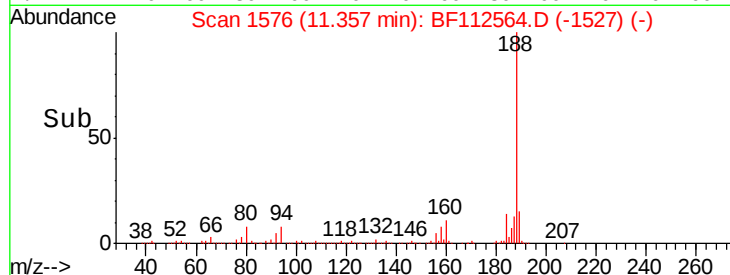
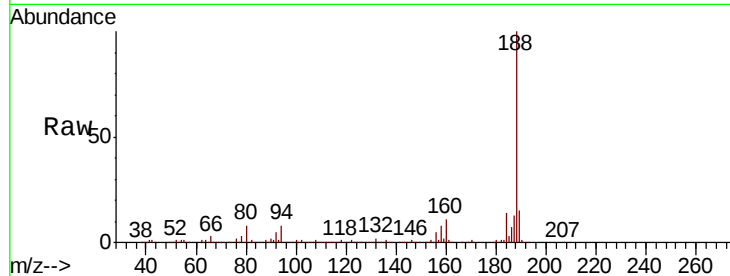
Tot Ion:188 Resp: 296383

Ion Ratio Lower Upper

188 100

94 7.8 8.2 12.2#

80 8.3 8.9 13.3#



#67

4-Bromophenyl-phenylether

Concen: 3.079 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

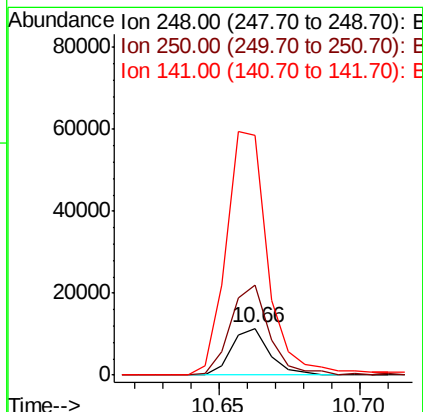
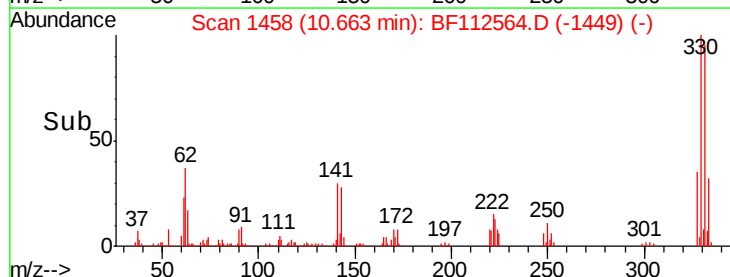
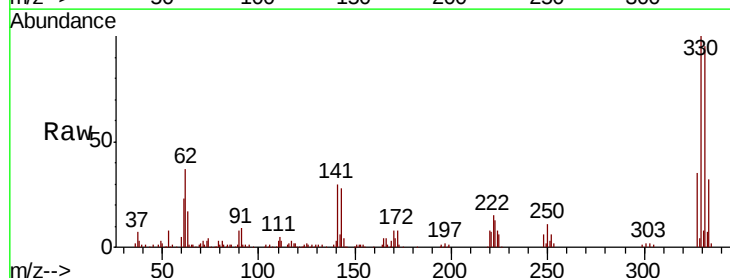
Tgt Ion:248 Resp: 10732

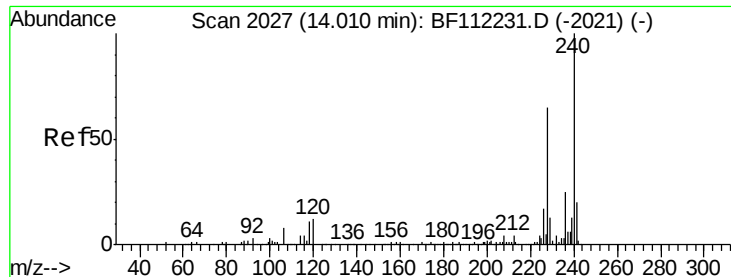
Ion Ratio Lower Upper

248 100

250 190.8 79.7 119.5#

141 510.4 60.3 90.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SB-6

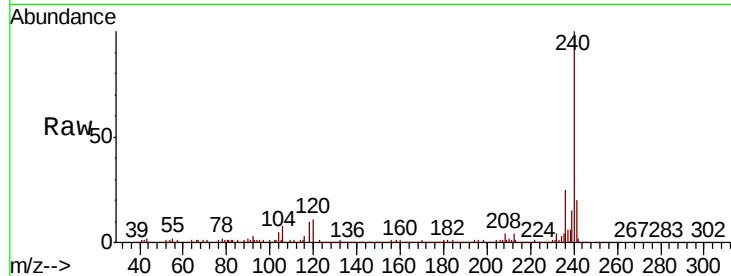
Tot Ion:240 Resp: 241666

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.6

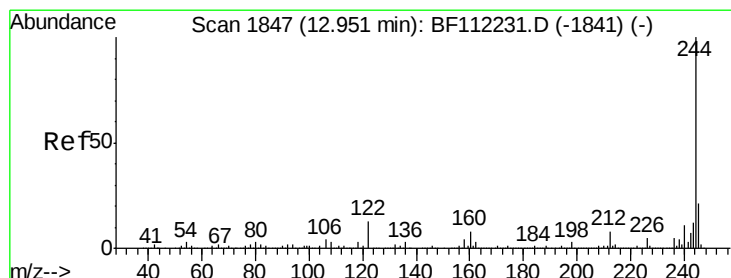
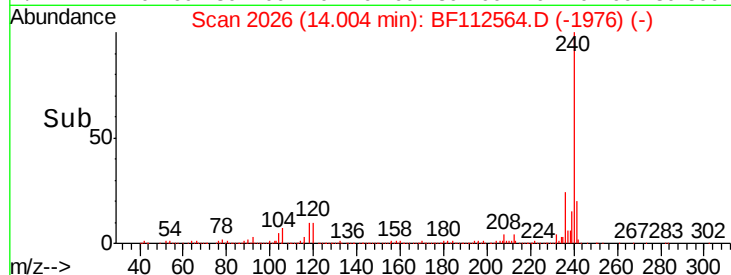
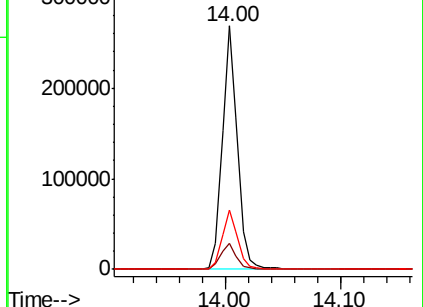
236 24.6 20.7 31.1



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: 49.879 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

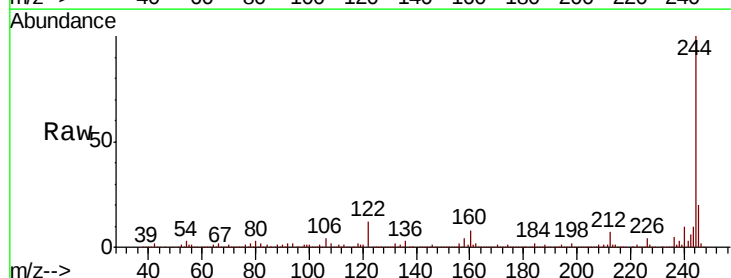
Tgt Ion:244 Resp: 639996

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

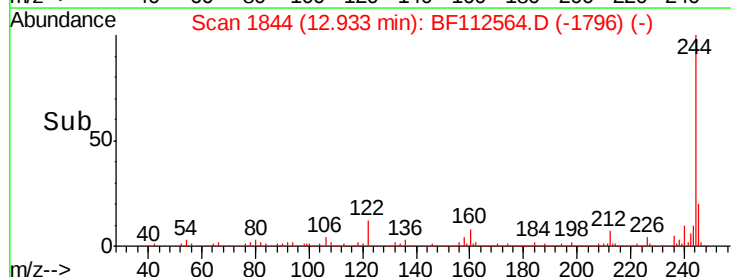
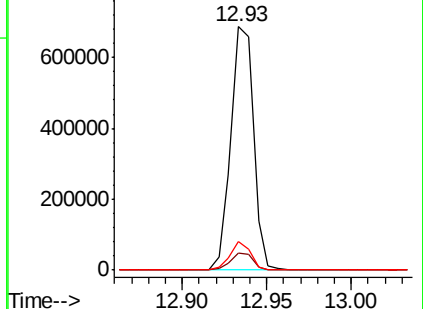
122 12.0 9.8 14.6

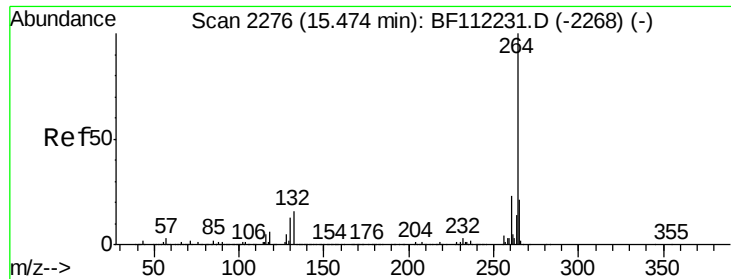


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.6	17.0	25.4

