

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
 Data File : BF112580.D
 Acq On : 15 Feb 2019 15:54
 Operator : JU/SJ
 Sample : PB117127BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BL

Quant Time: Feb 15 23:43:30 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

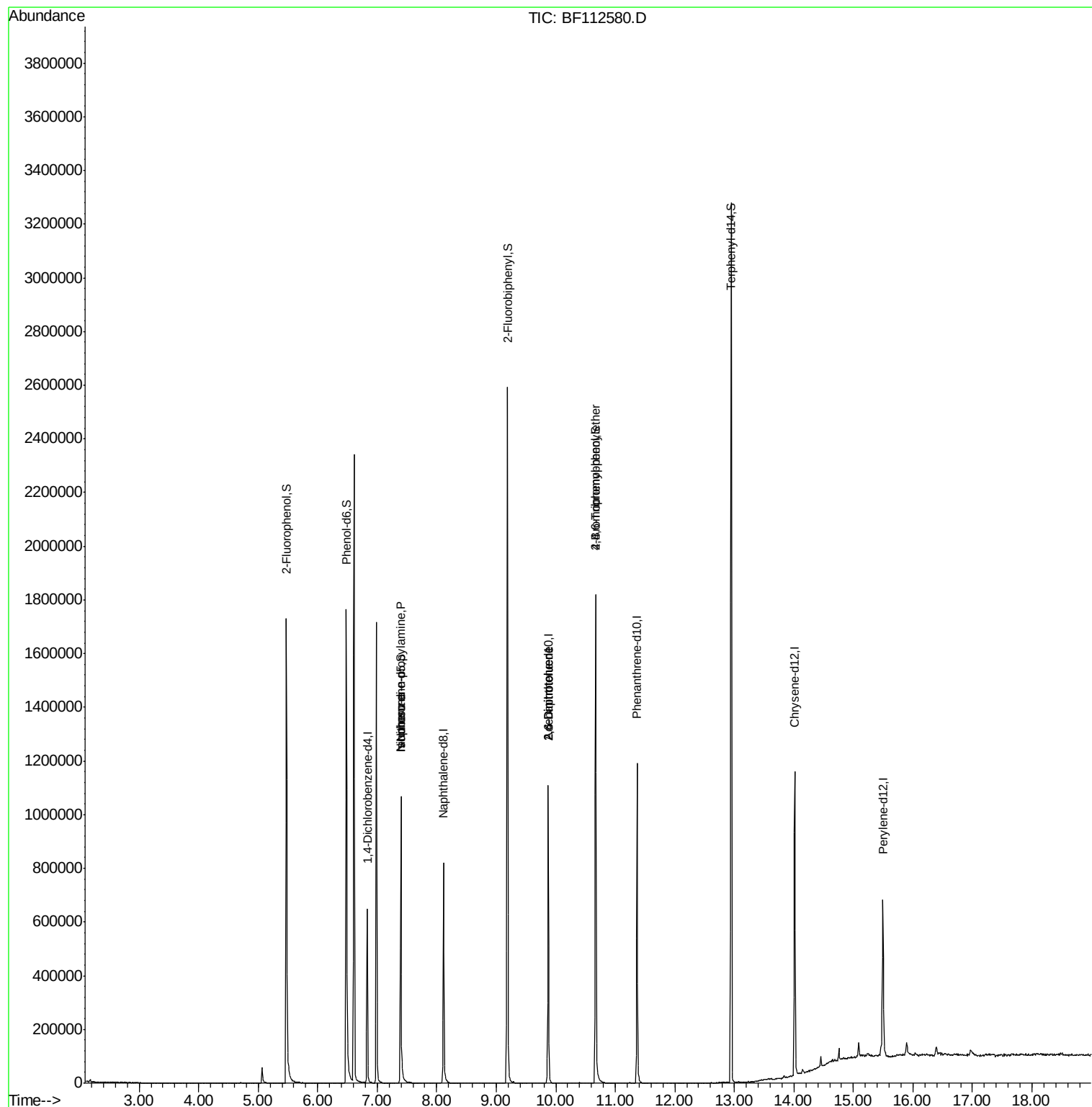
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	113571	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	471013	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	245542	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	518208	20.00	ng	0.00
76) Chrysene-d12	14.02	240	406479	20.00	ng	0.00
87) Perylene-d12	15.50	264	310298	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	531527	99.41	ng	0.00
7) Phenol-d6	6.48	99	669515	90.11	ng	-0.01
23) Nitrobenzene-d5	7.40	82	435069	53.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	245236	85.81	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	981583	56.54	ng	-0.01
79) Terphenyl-d14	12.95	244	1175660	54.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	58078	11.336	ng	# 77
25) Isophorone	7.40	82	435067	33.926	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	30585	7.158	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	30585	5.623	ng	# 32
67) 4-Bromophenyl-phenylether	10.67	248	14713	2.414	ng	# 1

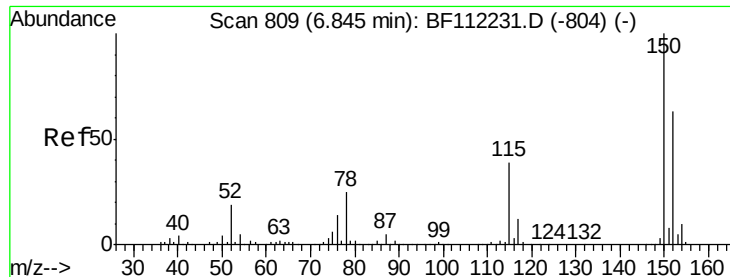
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
Data File : BF112580.D
Acq On : 15 Feb 2019 15:54
Operator : JU/SJ
Sample : PB117127BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117127BL

Quant Time: Feb 15 23:43:30 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



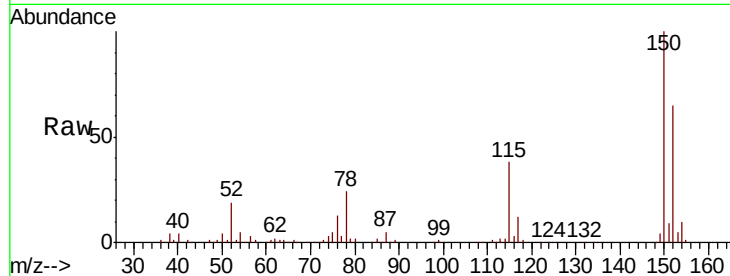


#1

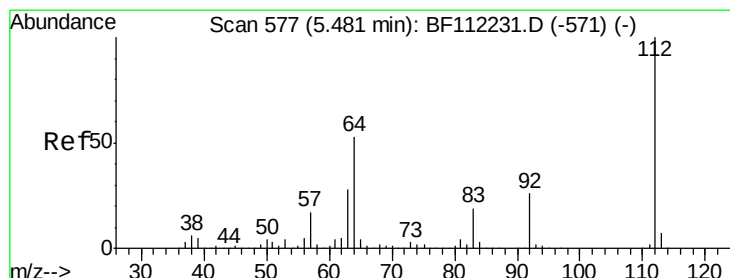
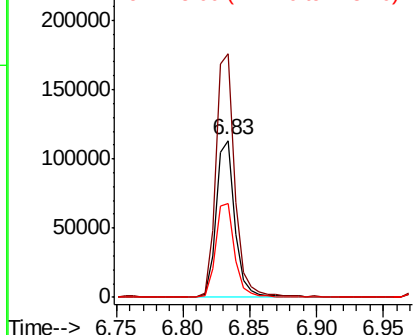
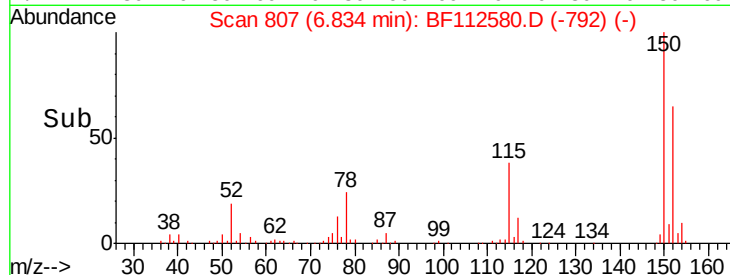
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112580.D
 Acq: 15 Feb 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BL

Tgt Ion:152 Resp: 113571
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.4 191.0
 115 59.4 45.5 68.3



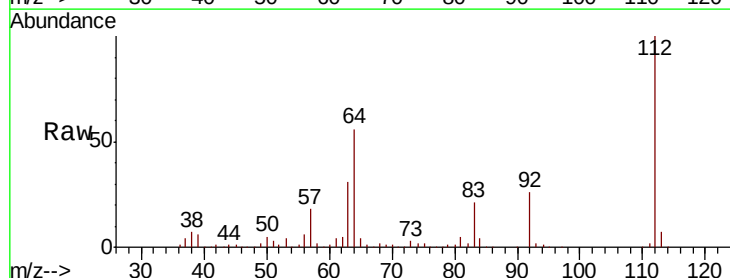
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



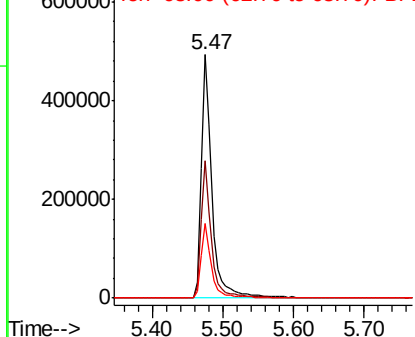
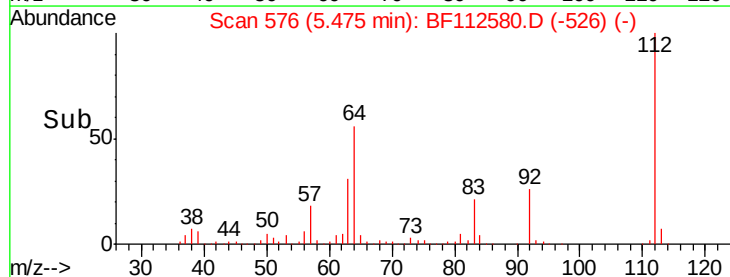
#5

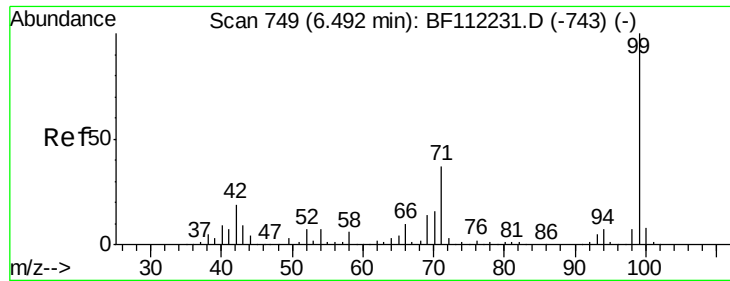
2-Fluorophenol
 Concen: 99.409 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112580.D
 Acq: 15 Feb 2019 15:54

Tgt Ion:112 Resp: 531527
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.7 68.5
 63 30.8 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: 90.113 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB117127BL

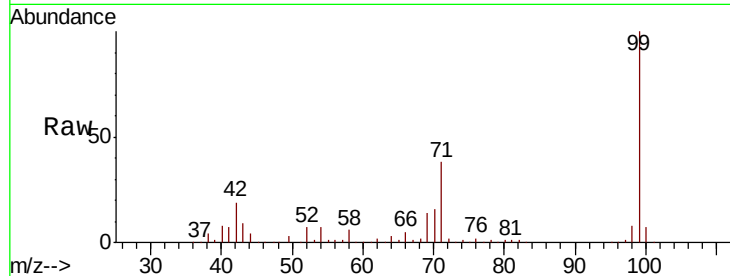
Tgt Ion: 99 Resp: 669515

Ion Ratio Lower Upper

99 100

42 19.5 15.1 22.7

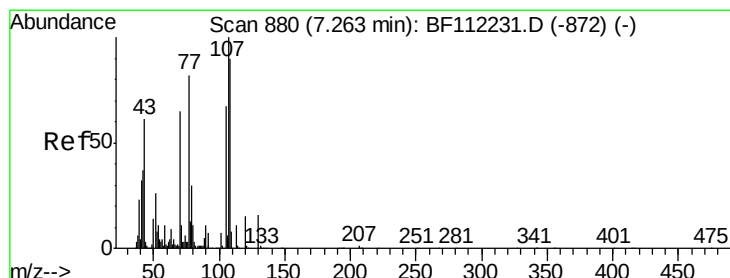
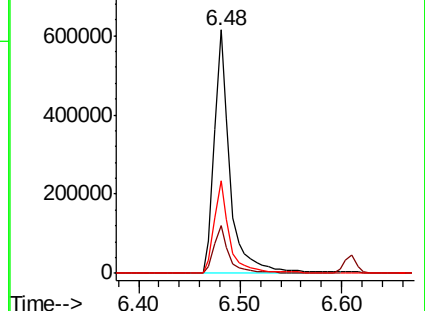
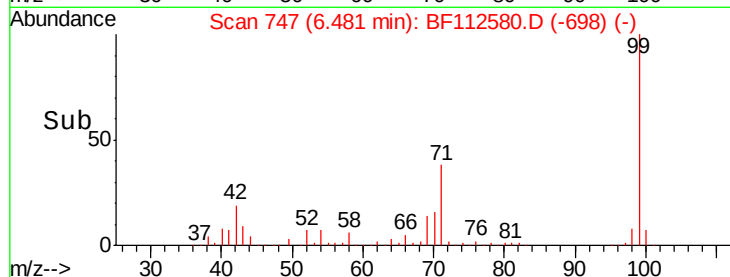
71 38.0 26.9 40.3



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: 11.336 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Tgt Ion: 70 Resp: 58078

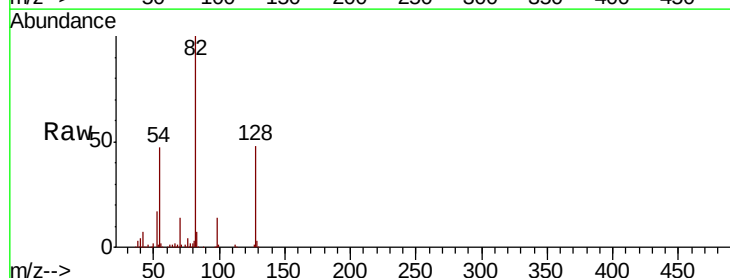
Ion Ratio Lower Upper

70 100

42 48.2 47.6 71.4

101 0.0 7.9 11.9#

130 2.4 18.4 27.6#

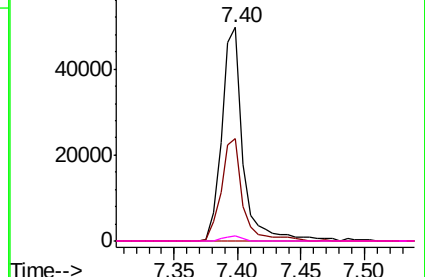
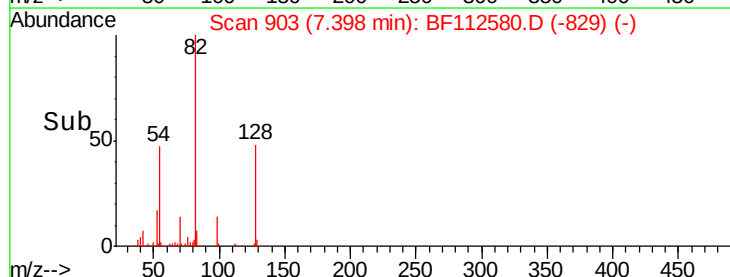


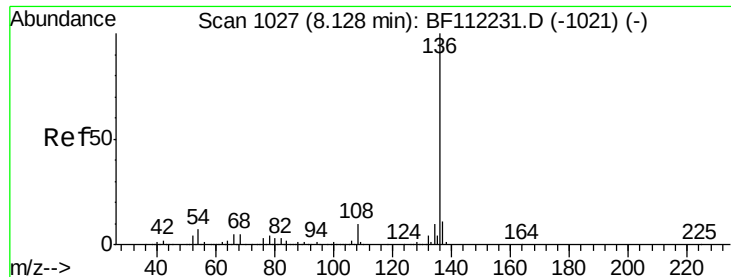
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

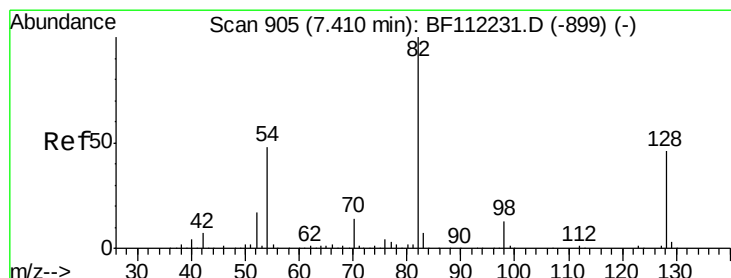
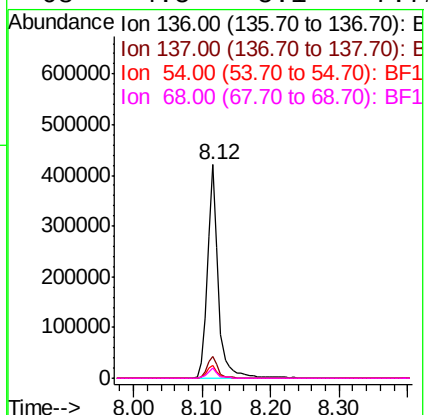
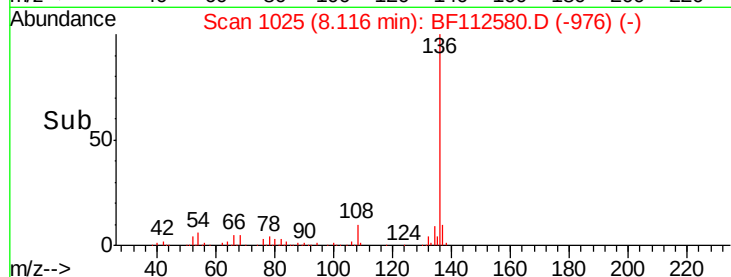
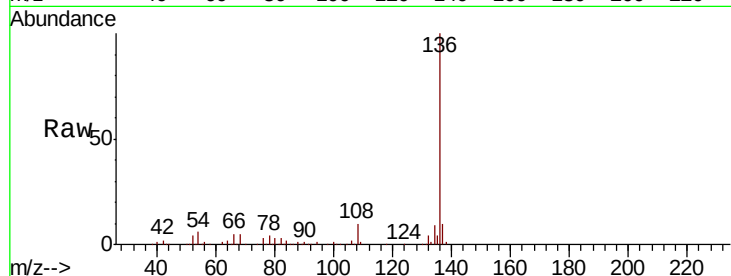




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

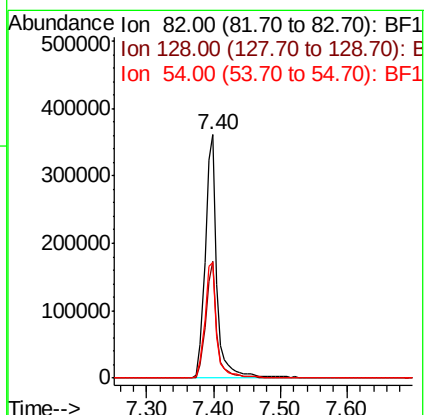
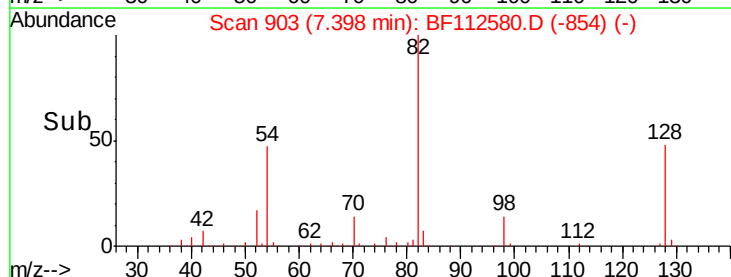
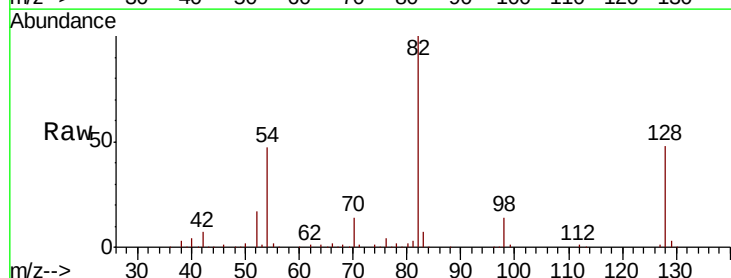
Instrument :
BNA_F
ClientSampleId :
PB117127BL

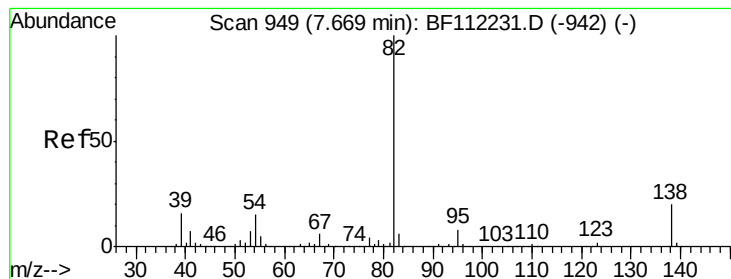
Tgt Ion:	136	Resp:	471013
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	6.1	5.9	8.9
68	4.5	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 53.223 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

Tgt Ion:	82	Resp:	435069
Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.8	56.8
54	47.4	39.7	59.5





#25

Isophorone

Concen: 33.926 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB117127BL

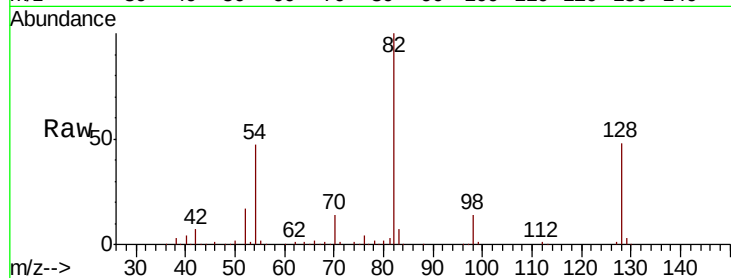
Tgt Ion: 82 Resp: 435067

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

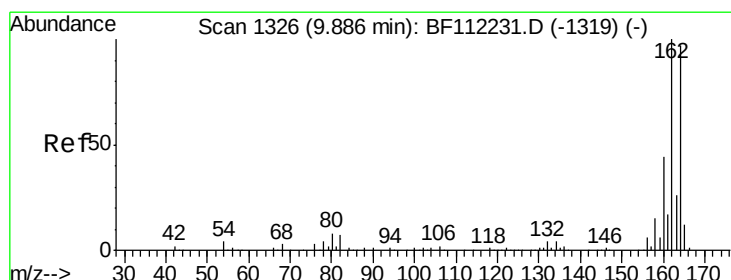
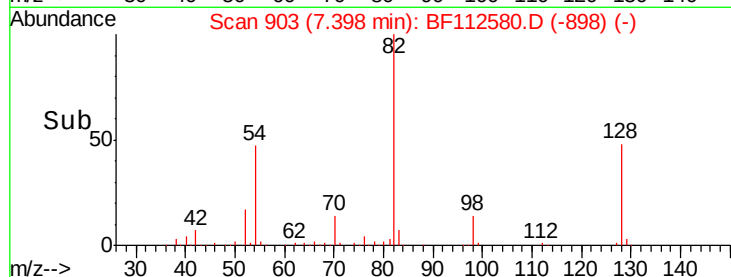
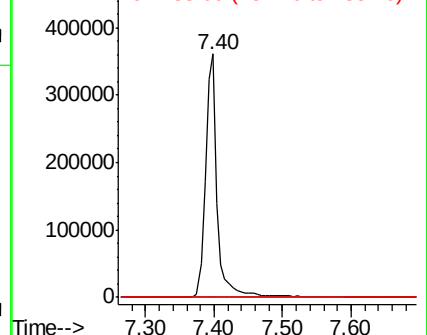
138 0.0 15.4 23.0#



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# 1324

Delta R.T. -0.01 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

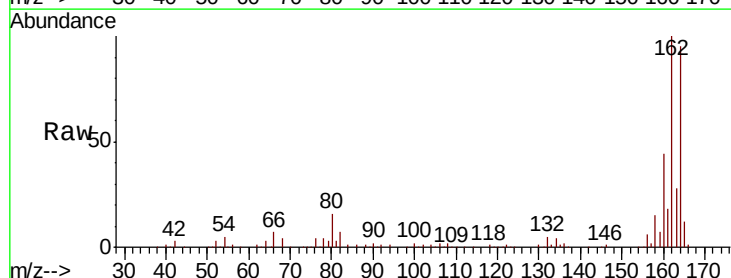
Tgt Ion: 164 Resp: 245542

Ion Ratio Lower Upper

164 100

162 105.6 82.2 123.4

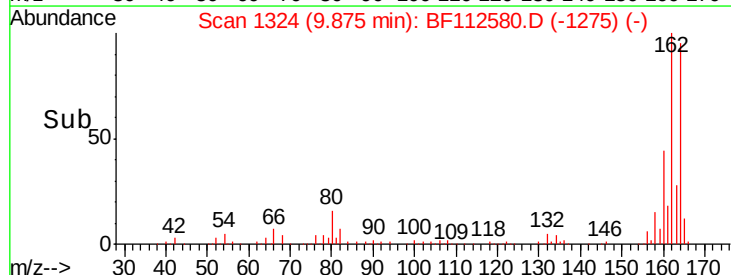
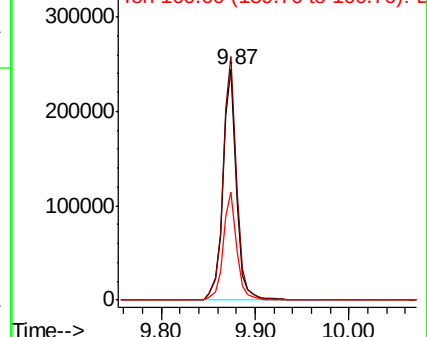
160 46.7 36.2 54.4

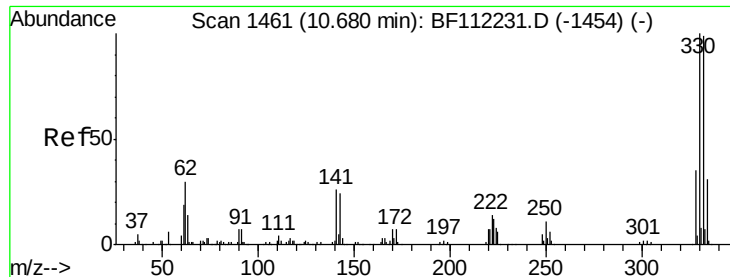


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 85.806 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB117127BL

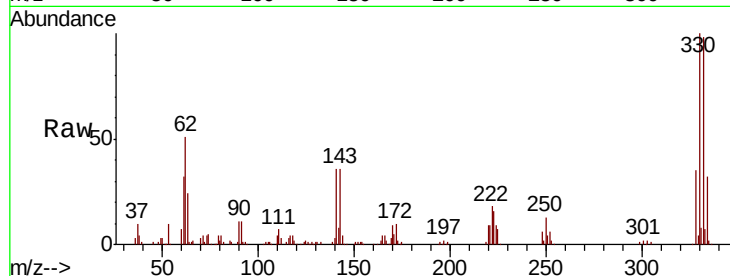
Tgt Ion:330 Resp: 245236

Ion Ratio Lower Upper

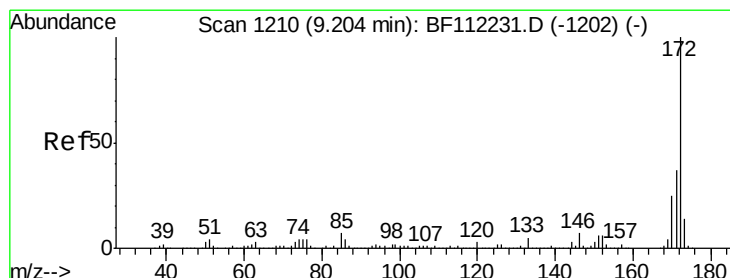
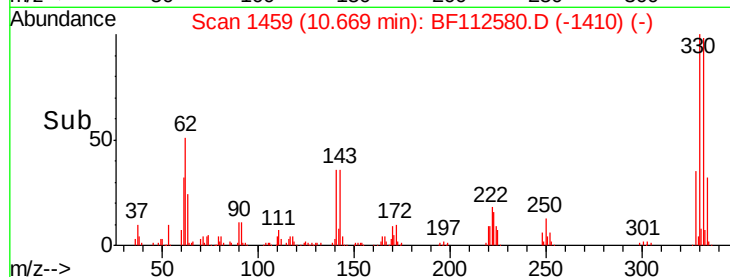
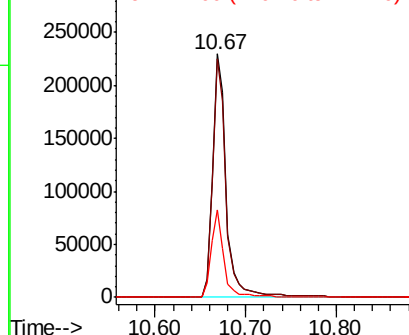
330 100

332 97.4 76.6 114.8

141 33.7 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: 56.540 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

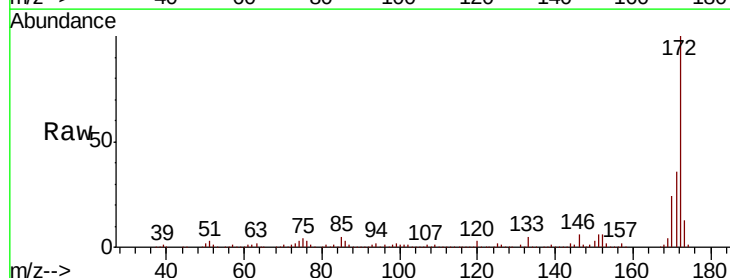
Tgt Ion:172 Resp: 981583

Ion Ratio Lower Upper

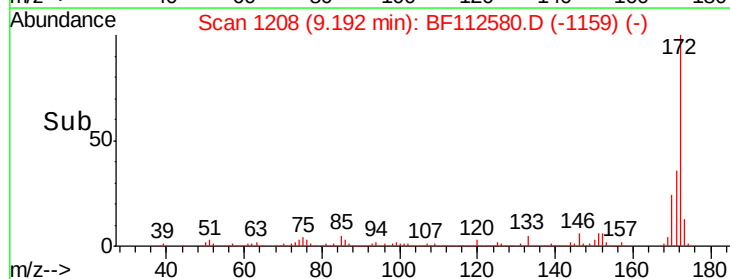
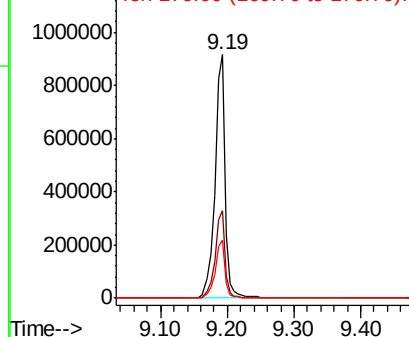
172 100

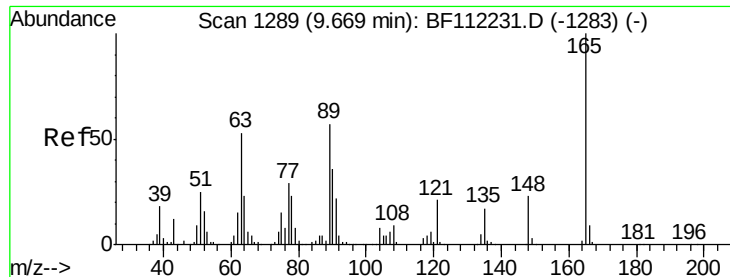
171 35.8 30.5 45.7

170 23.8 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





#51

2,6-Dinitrotoluene

Concen: 7.158 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB117127BL

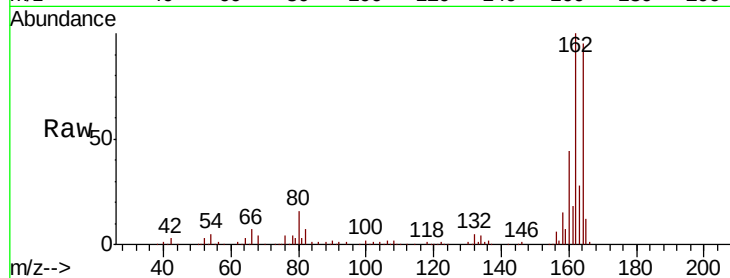
Tgt Ion:165 Resp: 30585

Ion Ratio Lower Upper

165 100

63 1.1 33.8 50.8#

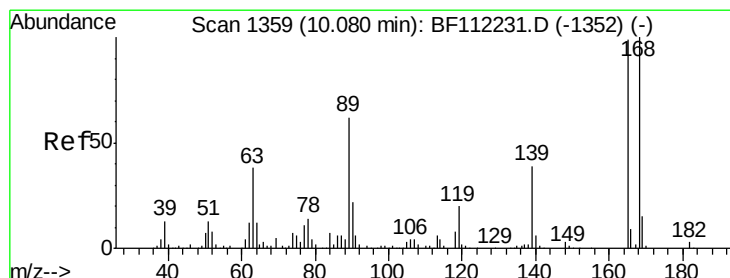
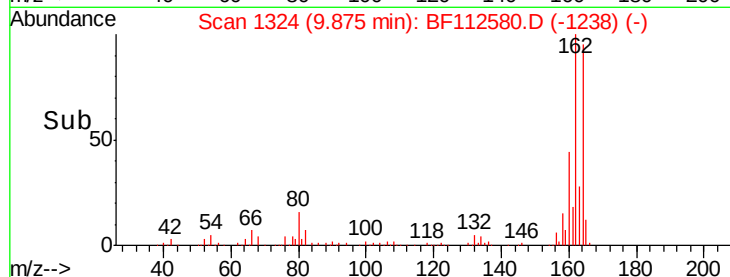
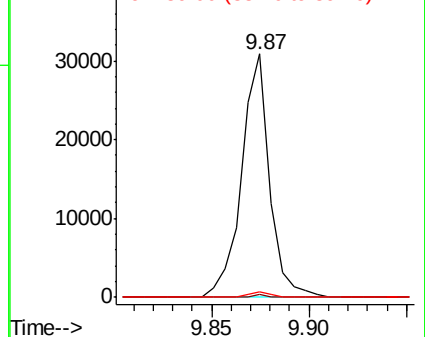
89 2.4 36.9 55.3#



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: 5.623 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Tgt Ion:165 Resp: 30585

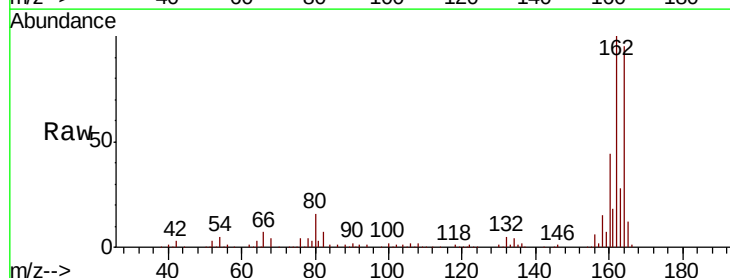
Ion Ratio Lower Upper

165 100

63 1.1 27.9 41.9#

89 2.4 47.9 71.9#

182 0.0 2.2 3.4#

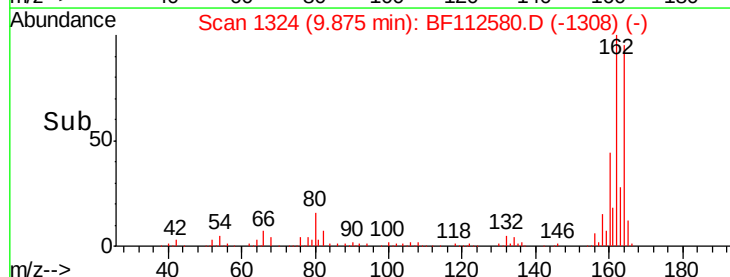
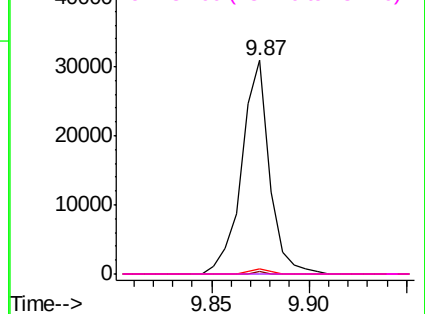


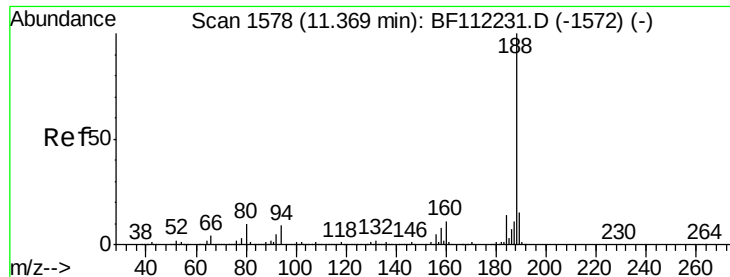
Abundance Ion 165.00 (164.70 to 165.70): E

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

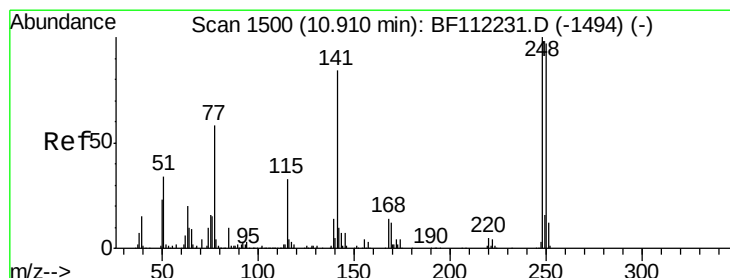
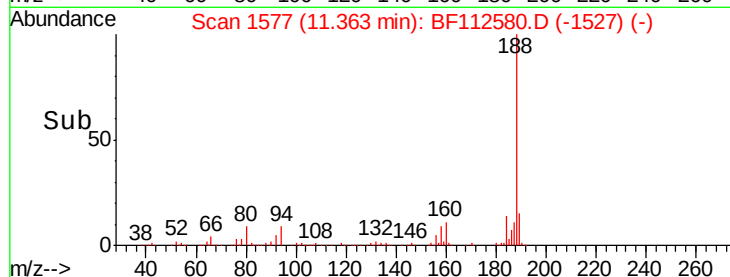
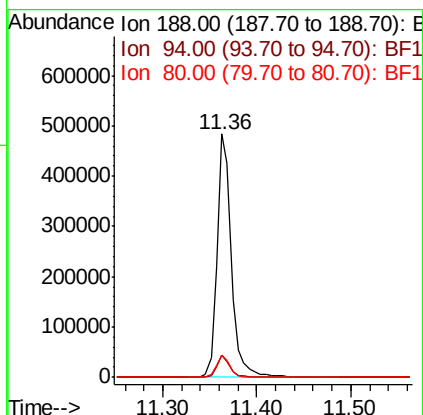
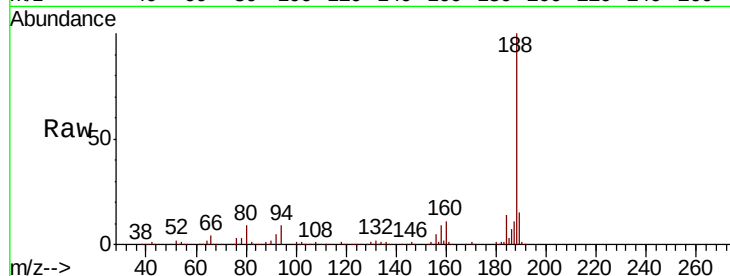




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

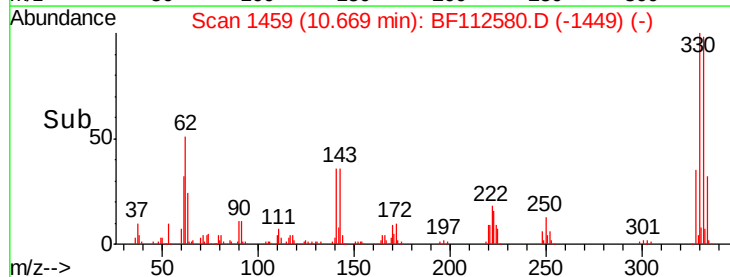
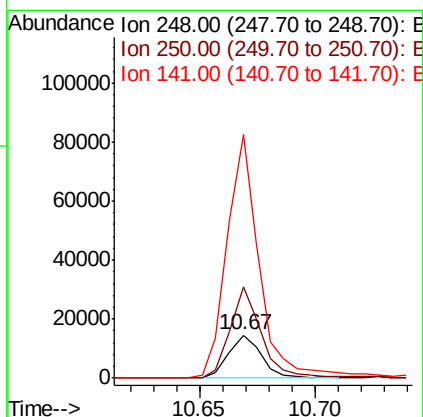
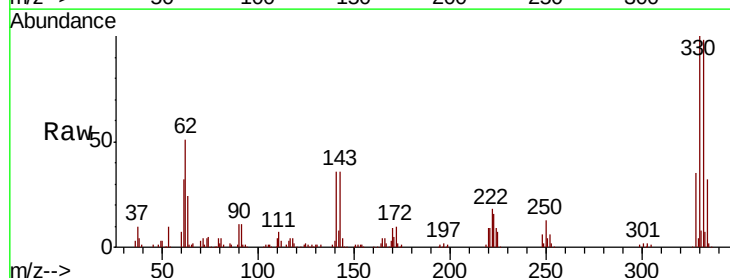
Instrument :
BNA_F
ClientSampleId :
PB117127BL

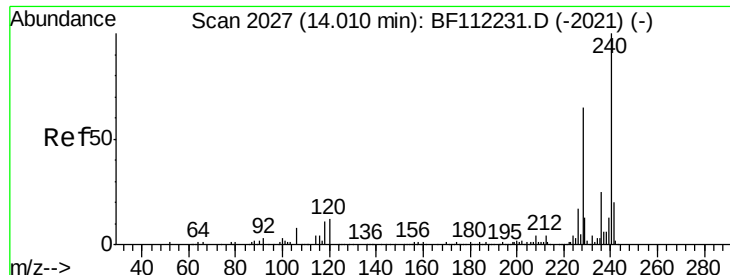
Tgt Ion:188 Resp: 518208
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.414 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.24 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

Tgt Ion:248 Resp: 14713
Ion Ratio Lower Upper
248 100
250 210.1 79.7 119.5#
141 564.2 60.3 90.5#

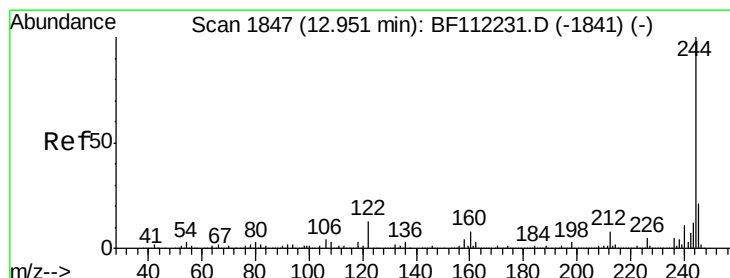
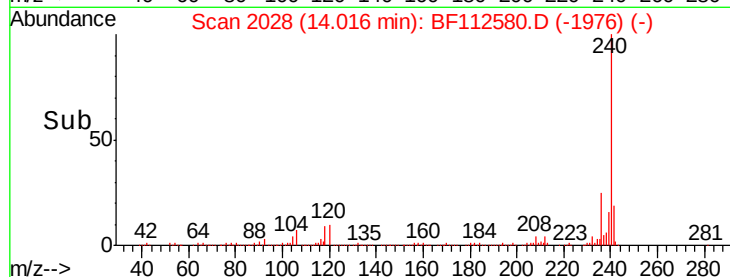
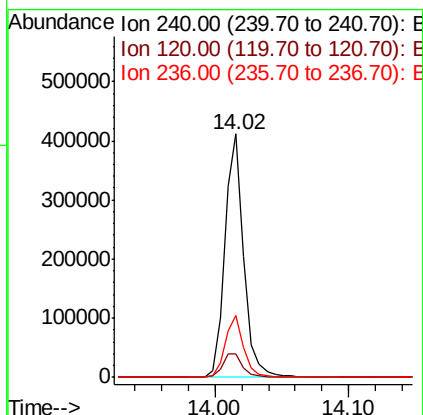
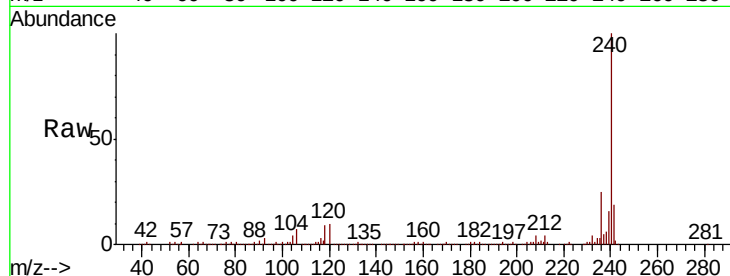




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

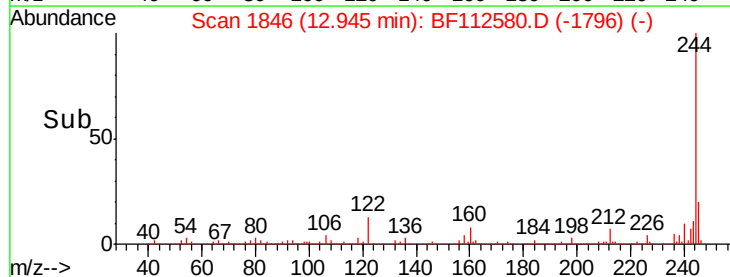
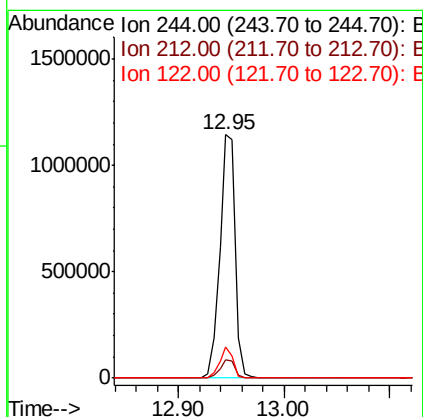
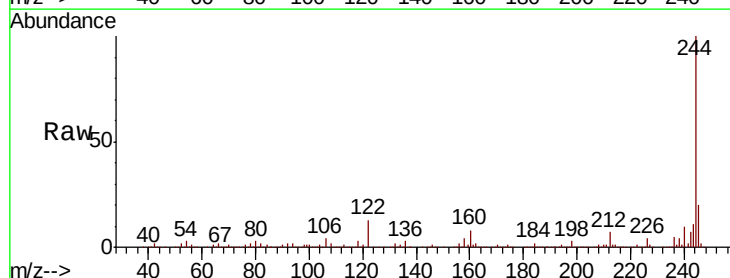
Instrument :
BNA_F
ClientSampleId :
PB117127BL

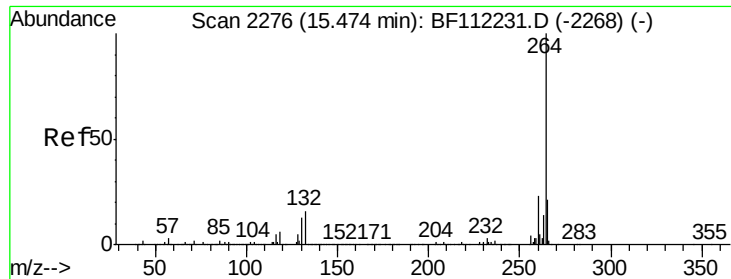
Tgt Ion:240 Resp: 406479
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.6
236 25.5 20.7 31.1



#79
Terphenyl-d14
Concen: 54.475 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

Tgt Ion:244 Resp: 1175660
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.5 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB117127BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	20.7	17.0	25.4

