

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
 Data File : BF112653.D
 Acq On : 21 Feb 2019 15:29
 Operator : JU/SJ
 Sample : K1344-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022019-A

Quant Time: Feb 21 21:48:19 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

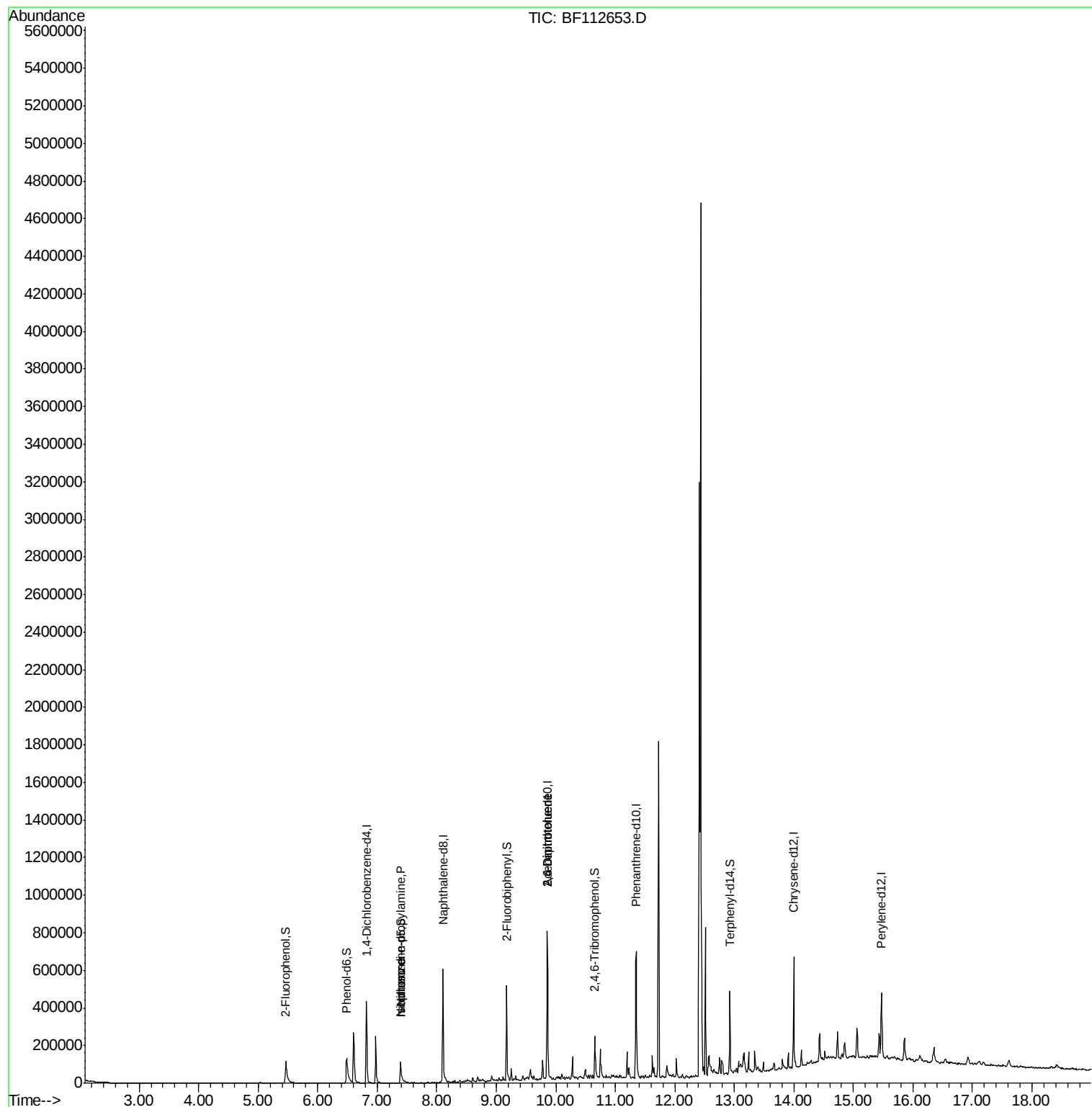
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77692	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	326151	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	156568	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	275402	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	191518	20.00	ng	-0.01
87) Perylene-d12	15.47	264	178854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	75614	20.67	ng	-0.02
7) Phenol-d6	6.49	99	101159	19.90	ng	0.00
23) Nitrobenzene-d5	7.39	82	69441	12.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	32809	18.00	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	165629	14.96	ng	-0.03
79) Terphenyl-d14	12.93	244	146263	14.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	8931	2.548	ng	# 80
25) Isophorone	7.39	82	69441	7.820	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	20792	7.632	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	20793	5.995	ng	# 33

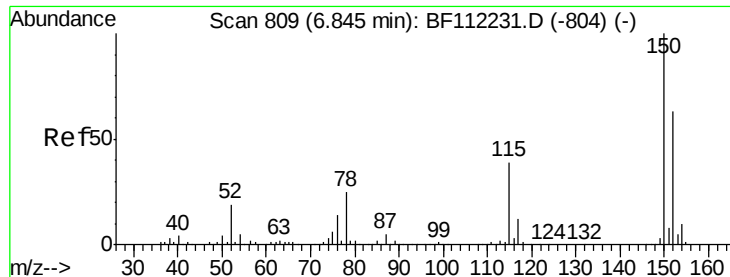
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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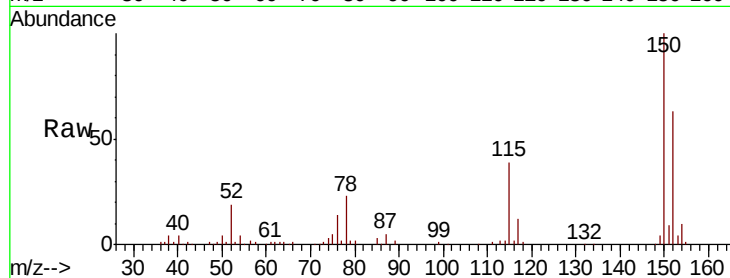


#1

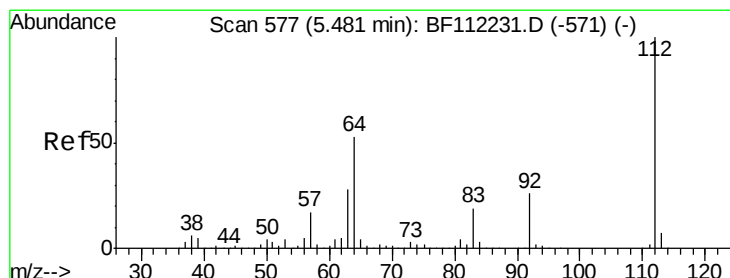
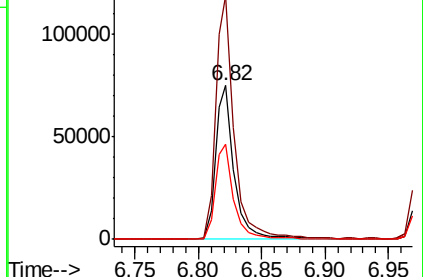
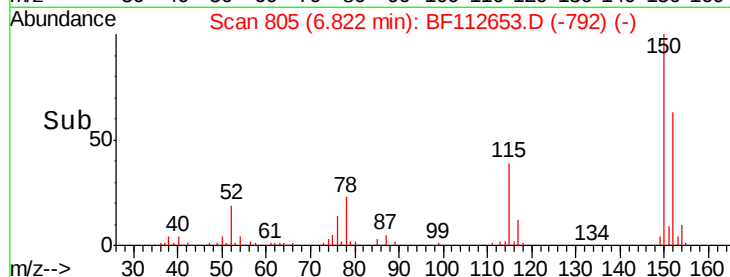
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF112653.D
 Acq: 21 Feb 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022019-A

Tgt Ion:152 Resp: 77692
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.4 191.0
 115 61.7 45.5 68.3



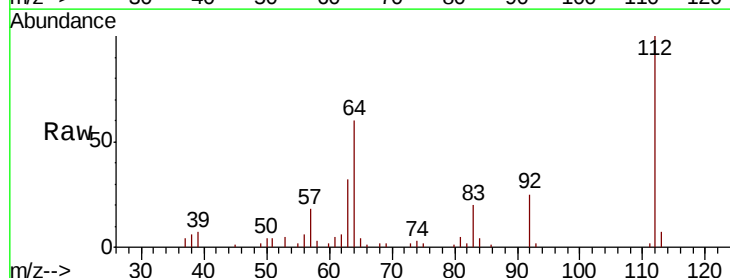
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



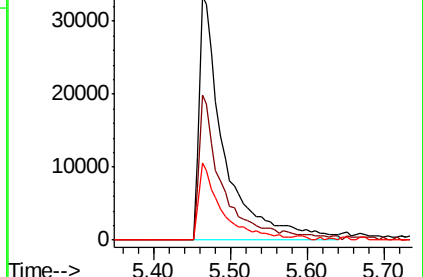
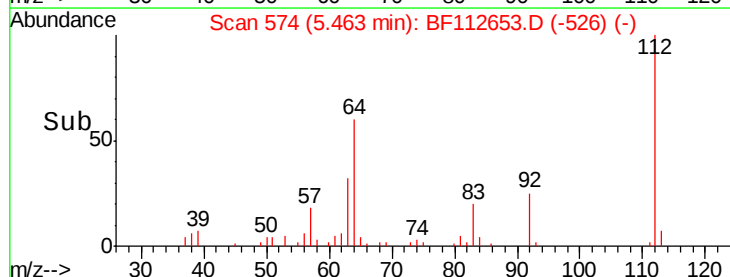
#5

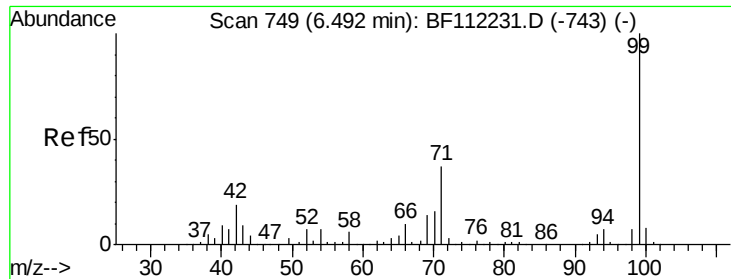
2-Fluorophenol
 Concen: 20.673 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112653.D
 Acq: 21 Feb 2019 15:29

Tgt Ion:112 Resp: 75614
 Ion Ratio Lower Upper
 112 100
 64 59.8 45.7 68.5
 63 31.8 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: 19.903 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Instrument :

BNA_F

ClientSampleId :

NB-07-022019-A

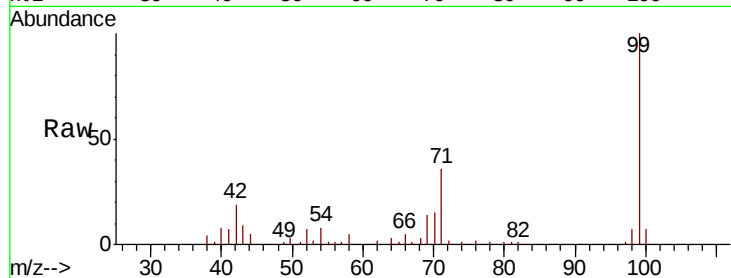
Tgt Ion: 99 Resp: 101159

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

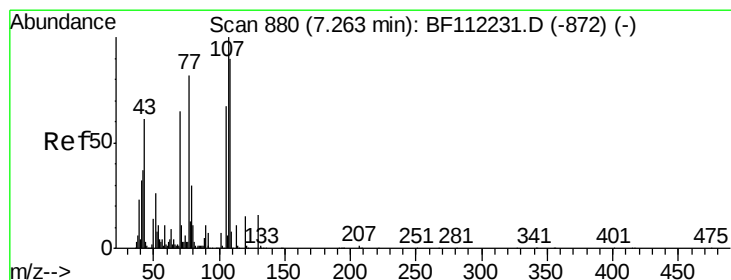
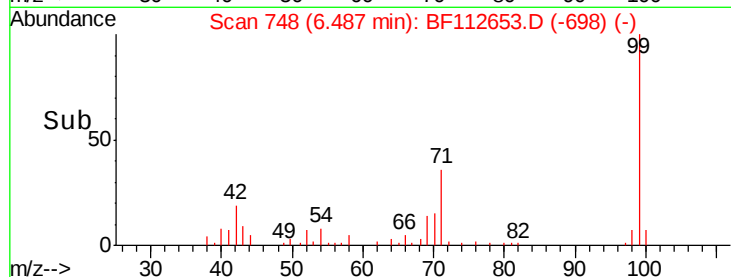
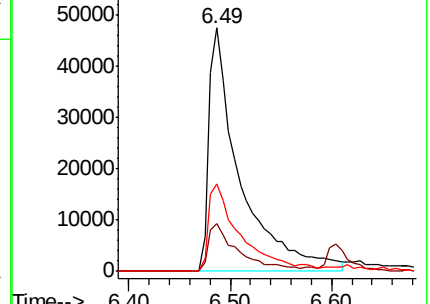
71 36.1 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.548 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Tgt Ion: 70 Resp: 8931

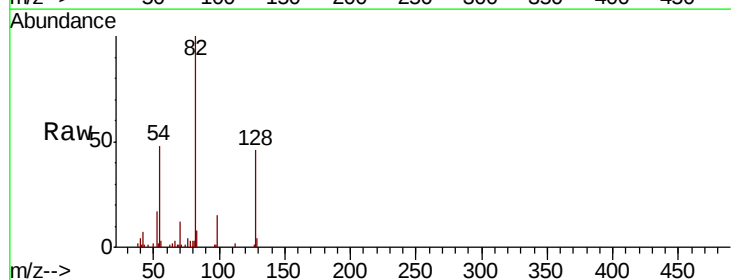
Ion Ratio Lower Upper

70 100

42 52.9 47.6 71.4

101 0.0 7.9 11.9#

130 0.0 18.4 27.6#

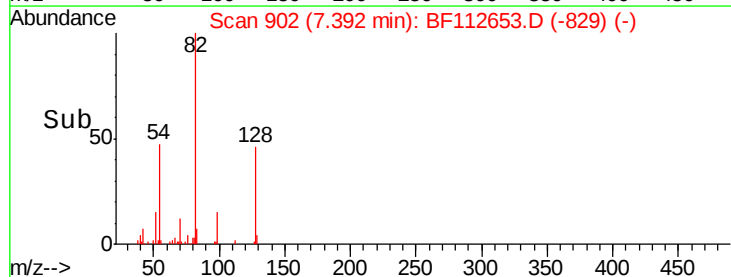
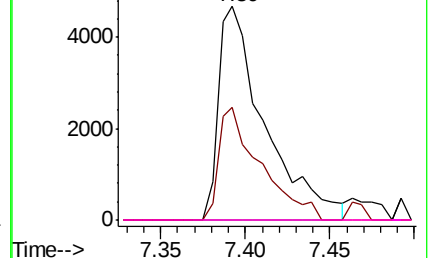


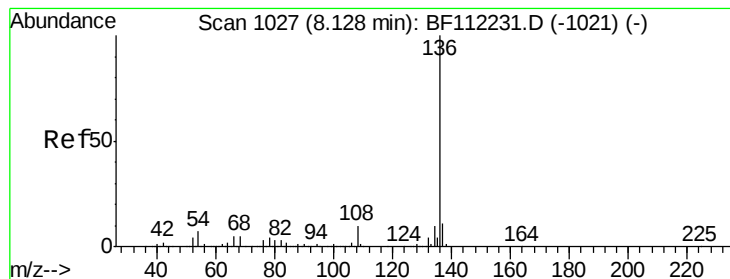
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Instrument :

BNA_F

ClientSampleId :

NB-07-022019-A

Tgt Ion: 136 Resp: 326151

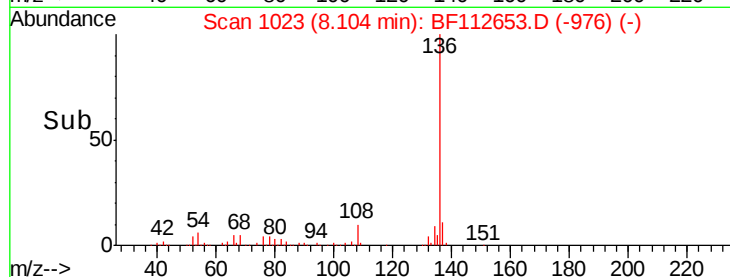
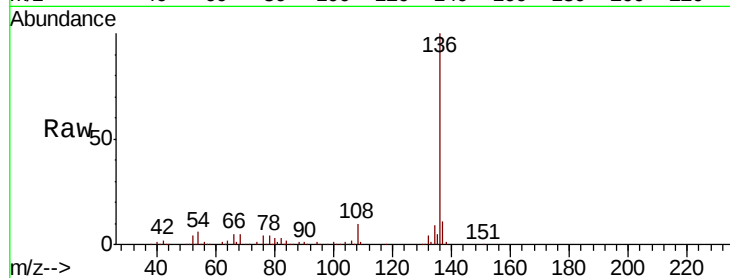
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.8 5.9 8.9#

68 4.6 5.1 7.7#

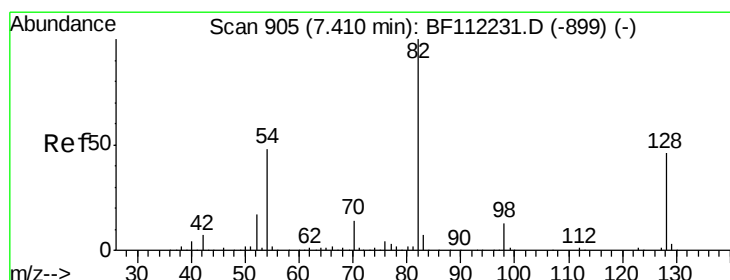
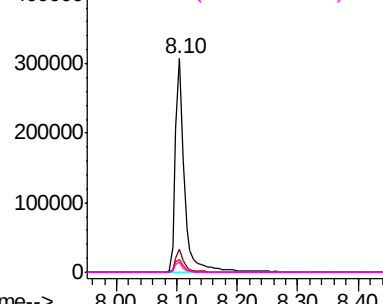


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.268 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

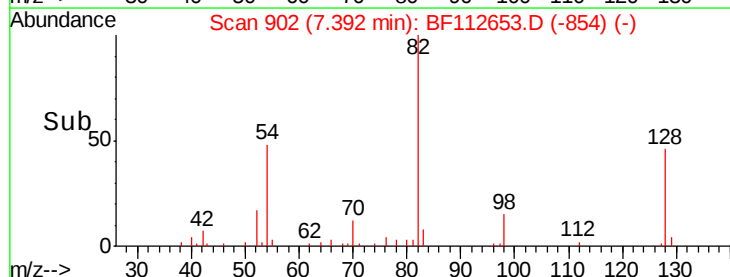
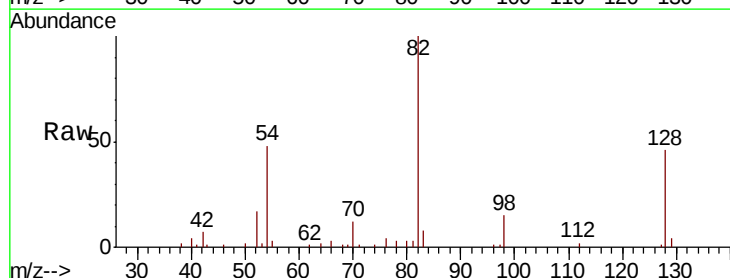
Tgt Ion: 82 Resp: 69441

Ion Ratio Lower Upper

82 100

128 45.8 37.8 56.8

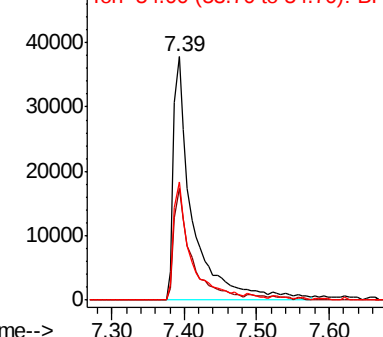
54 48.4 39.7 59.5

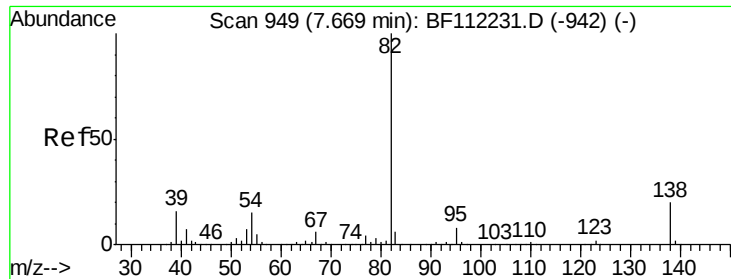


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.820 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Instrument :

BNA_F

ClientSampleId :

NB-07-022019-A

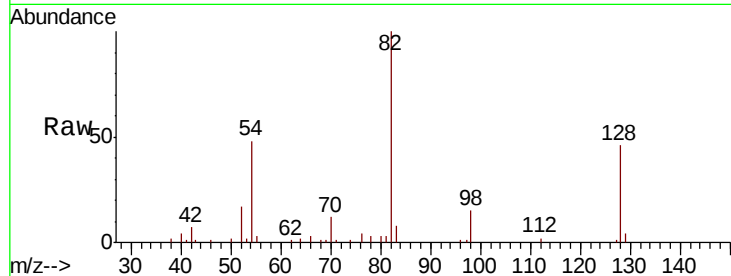
Tgt Ion: 82 Resp: 69441

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

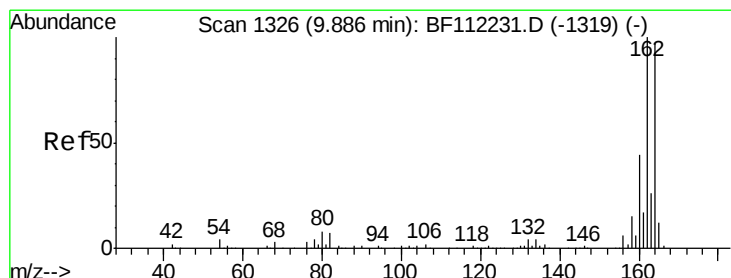
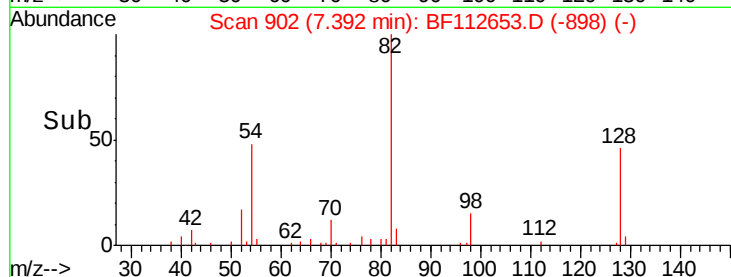
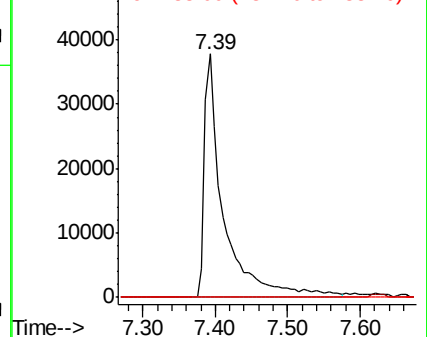
138 0.0 15.4 23.0#



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: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

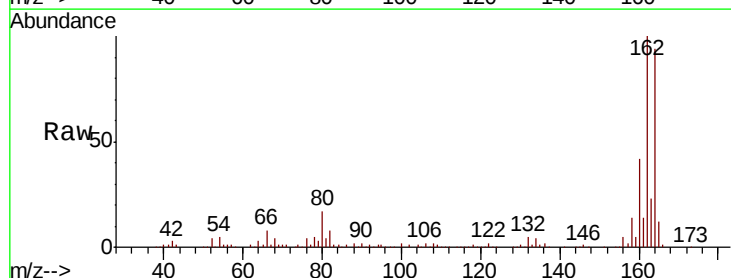
Tgt Ion: 164 Resp: 156568

Ion Ratio Lower Upper

164 100

162 106.0 82.2 123.4

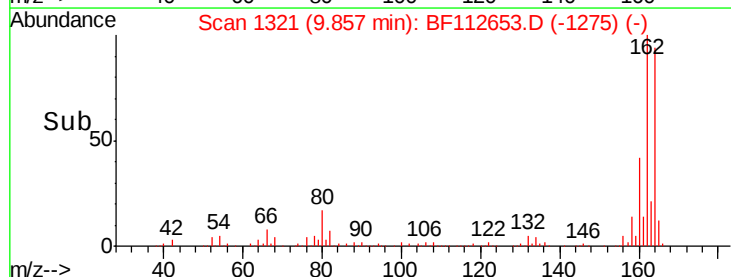
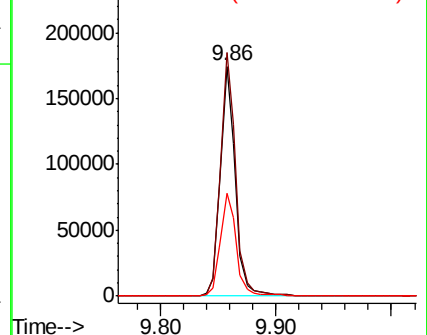
160 45.0 36.2 54.4

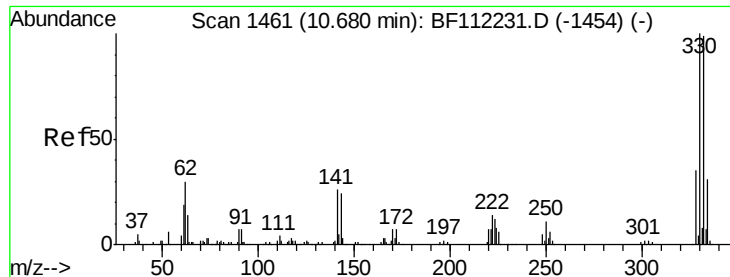


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

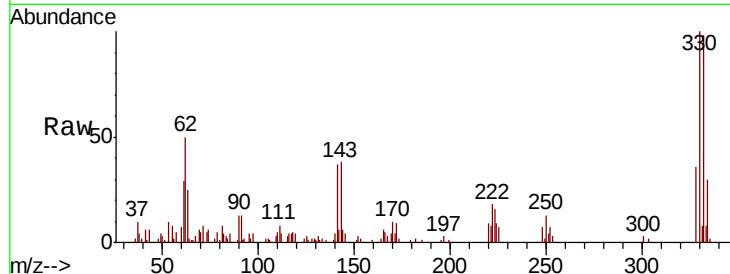




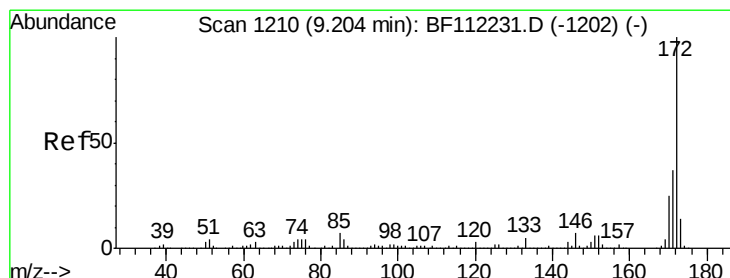
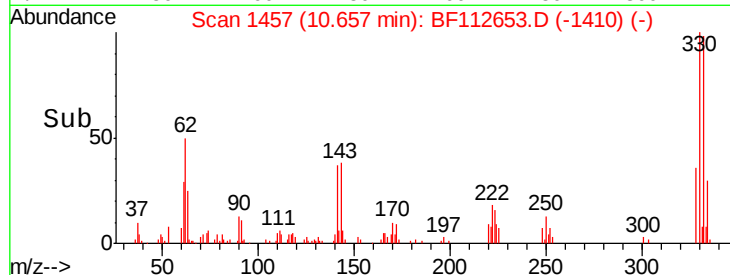
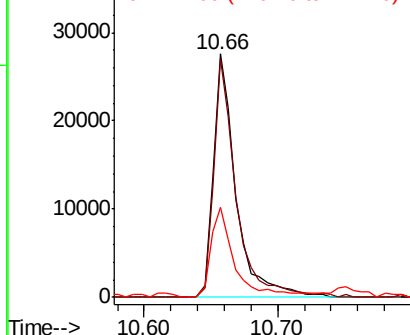
#42
 2,4,6-Tribromophenol
 Concen: 18.003 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112653.D
 Acq: 21 Feb 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022019-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	40.0	24.3	36.5#

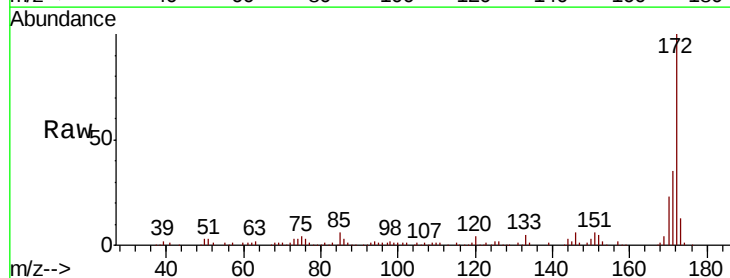


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

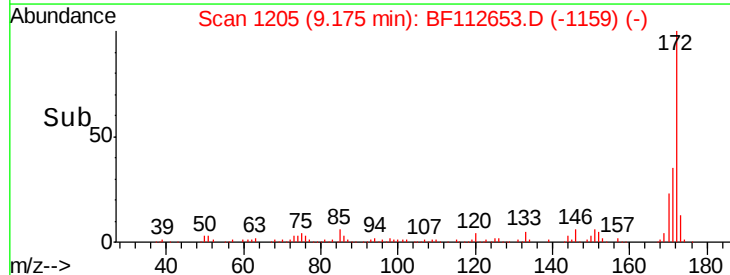
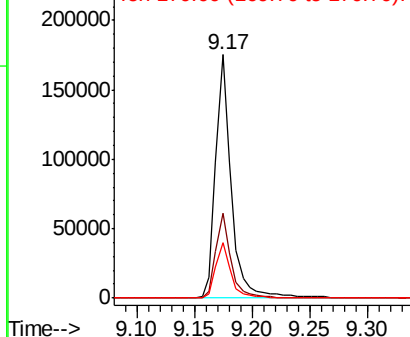


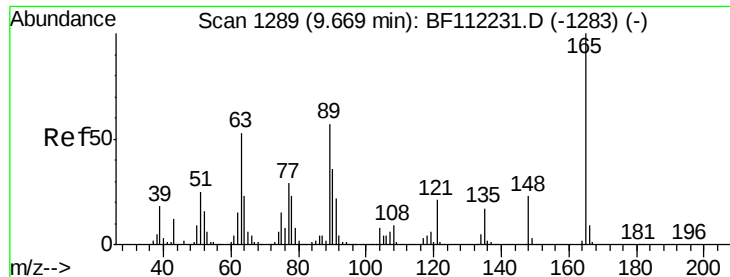
#45
 2-Fluorobiphenyl
 Concen: 14.962 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112653.D
 Acq: 21 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.5	45.7
170	23.0	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: 7.632 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.19 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Instrument :

BNA_F

ClientSampleId :

NB-07-022019-A

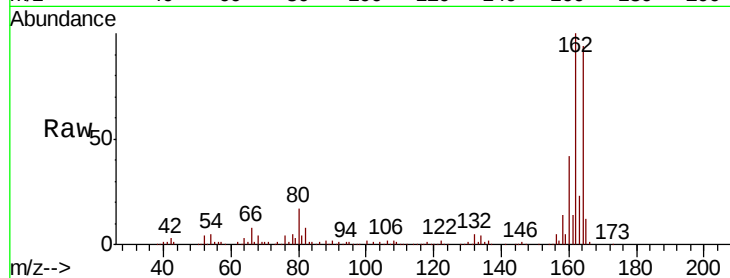
Tgt Ion:165 Resp: 20792

Ion Ratio Lower Upper

165 100

63 2.0 33.8 50.8#

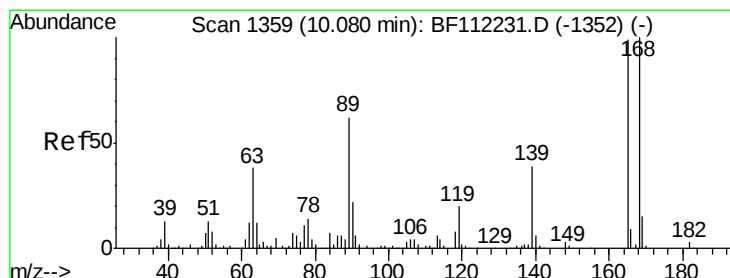
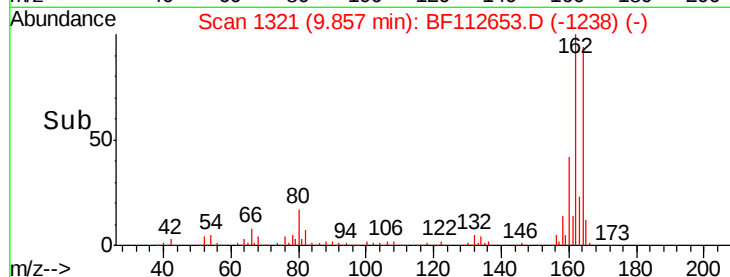
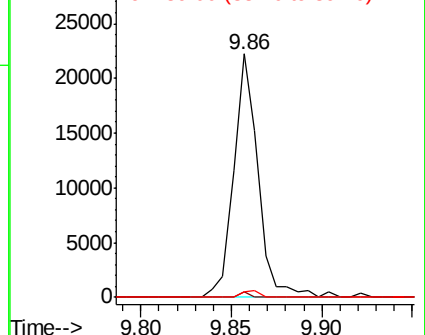
89 2.3 36.9 55.3#



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: 5.995 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Tgt Ion:165 Resp: 20793

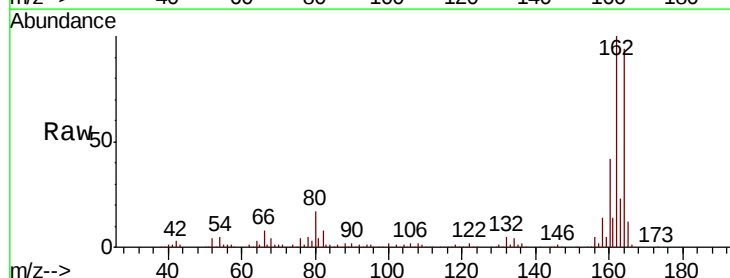
Ion Ratio Lower Upper

165 100

63 2.0 27.9 41.9#

89 2.3 47.9 71.9#

182 0.0 2.2 3.4#

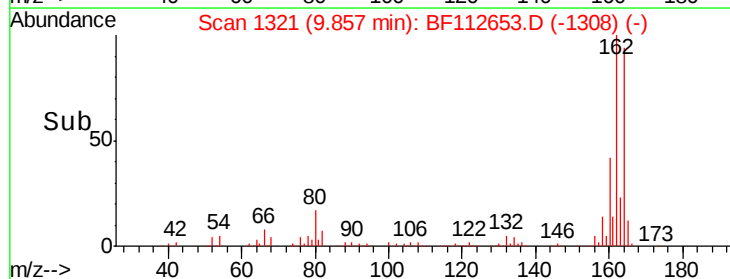
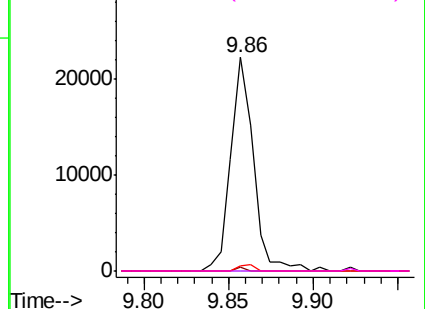


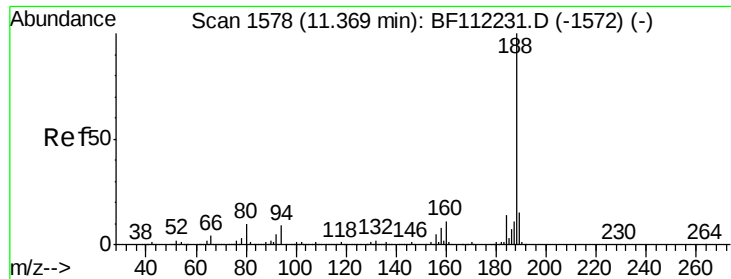
Abundance Ion 165.00 (164.70 to 165.70): E

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

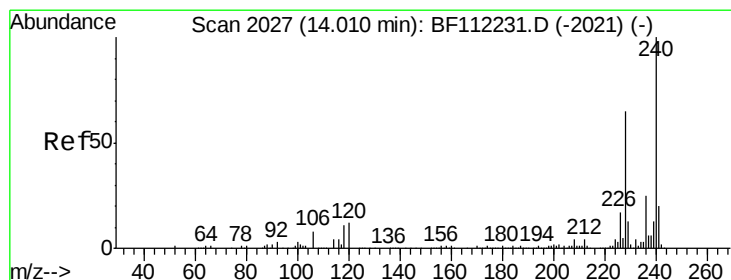
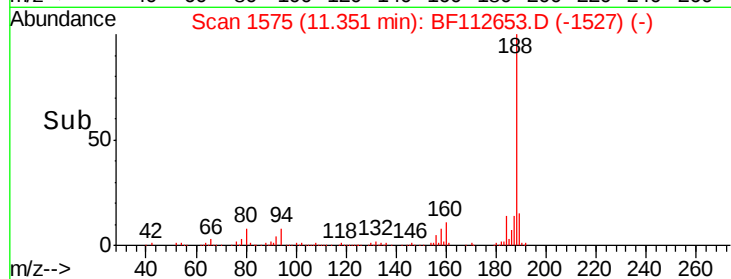
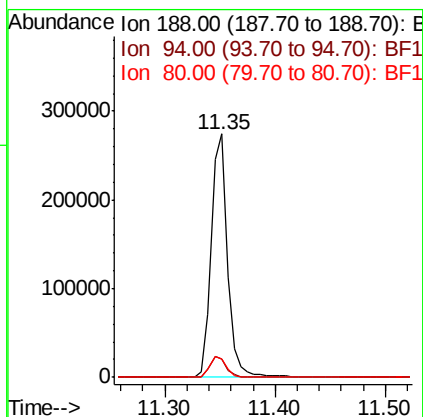
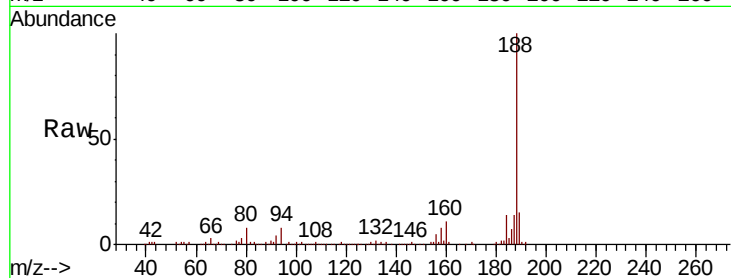




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112653.D
Acq: 21 Feb 2019 15:29

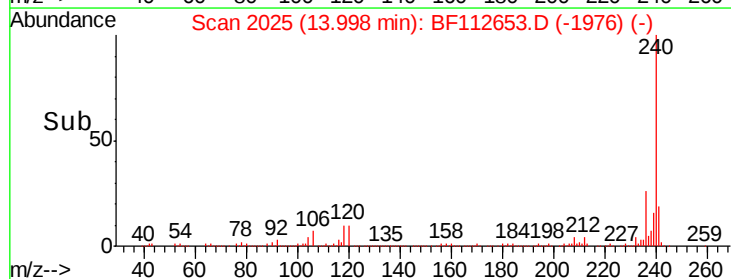
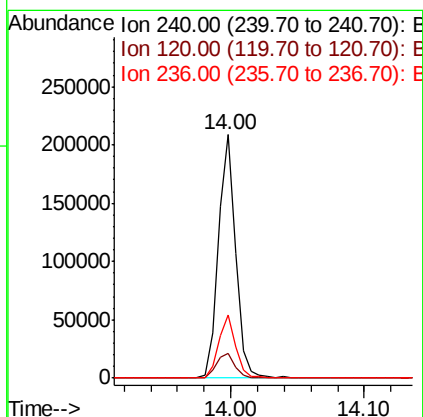
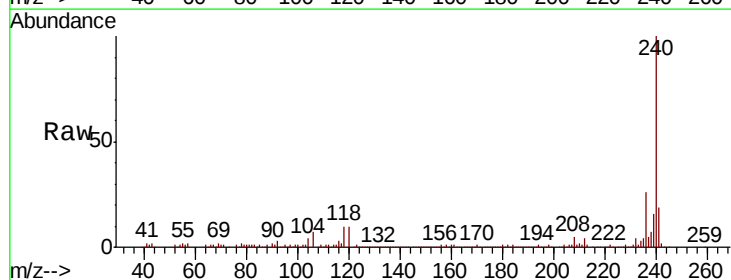
Instrument :
BNA_F
ClientSampleId :
NB-07-022019-A

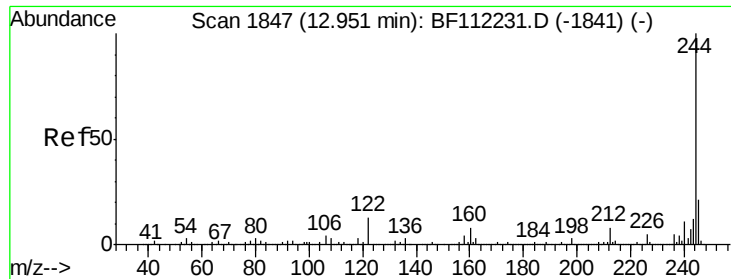
Tgt Ion:188 Resp: 275402
Ion Ratio Lower Upper
188 100
94 7.5 8.2 12.2#
80 7.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112653.D
Acq: 21 Feb 2019 15:29

Tgt Ion:240 Resp: 191518
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.6
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 14.384 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Instrument :

BNA_F

ClientSampleId :

NB-07-022019-A

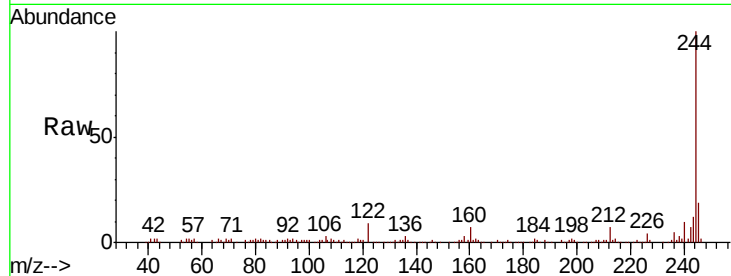
Tgt Ion:244 Resp: 146263

Ion Ratio Lower Upper

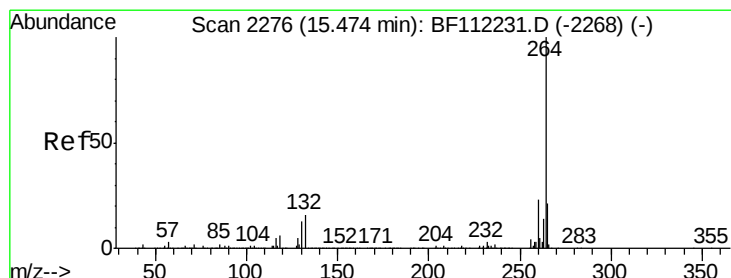
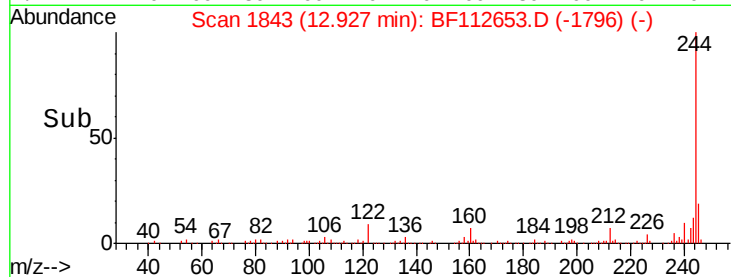
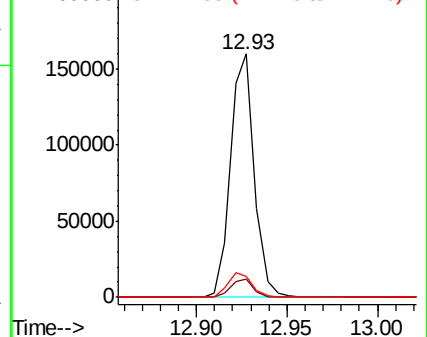
244 100

212 7.3 5.9 8.9

122 8.5 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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

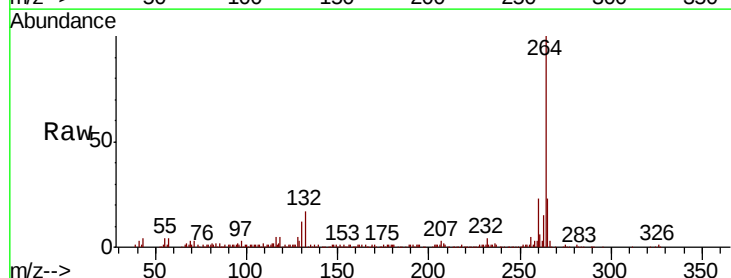
Tgt Ion:264 Resp: 178854

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 22.9 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

