

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
 Data File : BF112630.D
 Acq On : 19 Feb 2019 19:34
 Operator : JU/SJ
 Sample : K1518-09RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-14-S

Quant Time: Feb 19 23:38:08 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

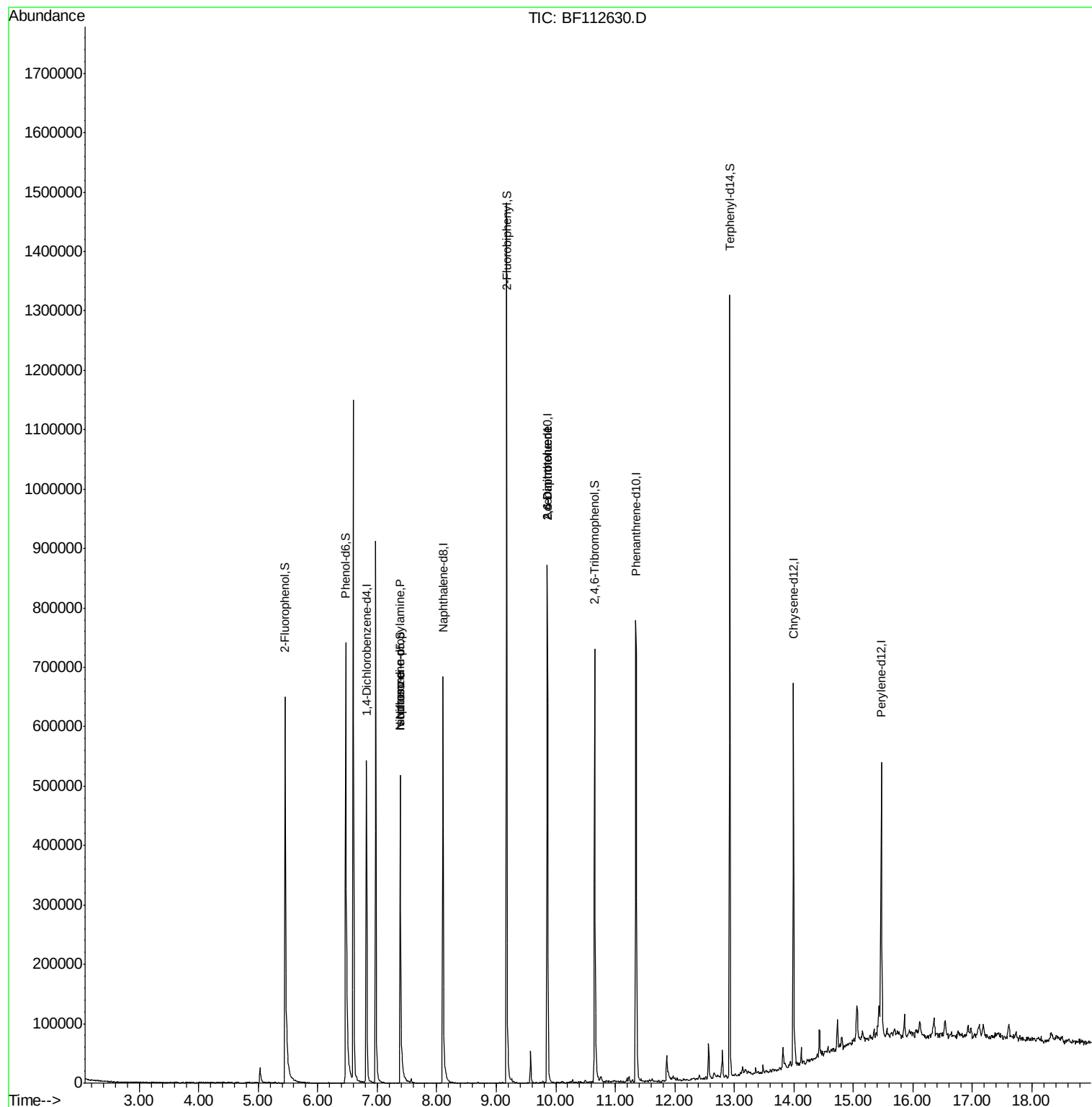
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93761	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	377465	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	183155	20.00	ng	-0.03
64) Phenanthrene-d10	11.34	188	342415	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	219221	20.00	ng	-0.02
87) Perylene-d12	15.47	264	228368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	266990	60.48	ng	-0.03
7) Phenol-d6	6.47	99	348774	56.86	ng	-0.02
23) Nitrobenzene-d5	7.39	82	224747	34.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	106787	50.09	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	467088	36.07	ng	-0.03
79) Terphenyl-d14	12.92	244	420633	36.14	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	29793	7.044	ng	# 77
25) Isophorone	7.39	82	224746	21.869	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	22571	7.082	ng	# 33
57) 2,4-Dinitrotoluene	9.86	165	22571	5.563	ng	# 31

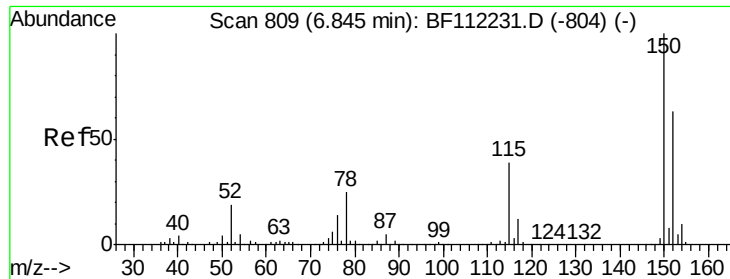
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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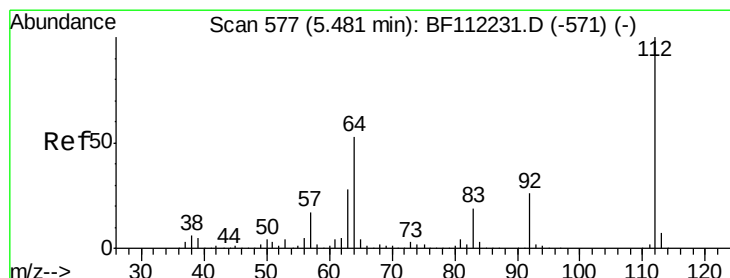
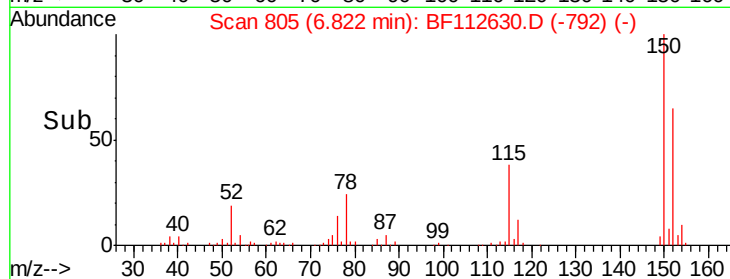
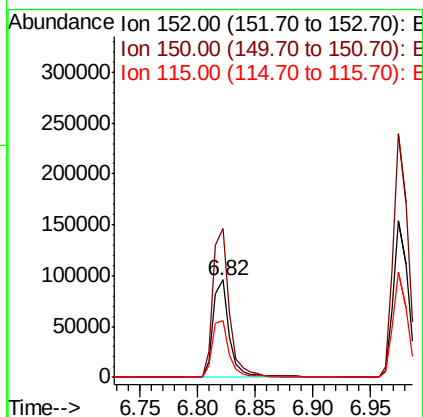
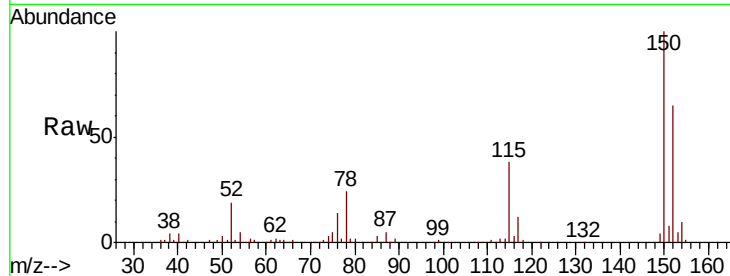


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112630.D
Acq: 19 Feb 2019 19:34

Instrument :
BNA_F
ClientSampleId :
M-14-S

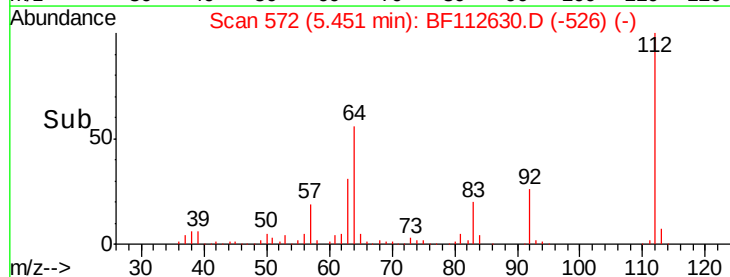
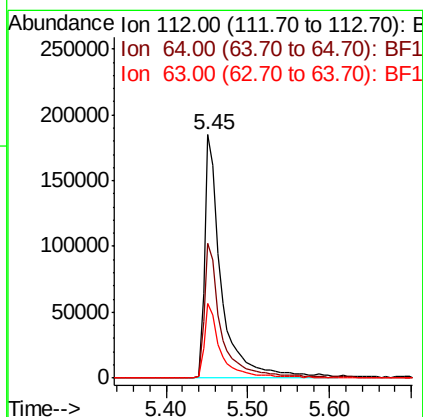
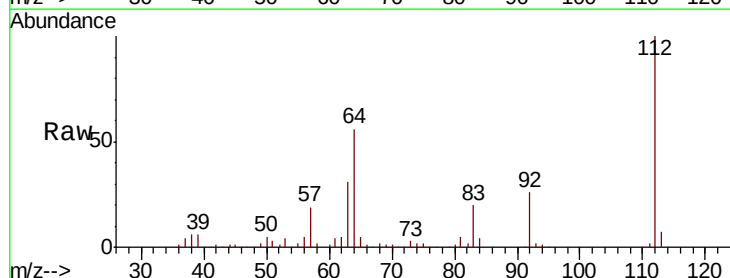
Tgt Ion:152 Resp: 93761
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.0
115 58.1 45.5 68.3

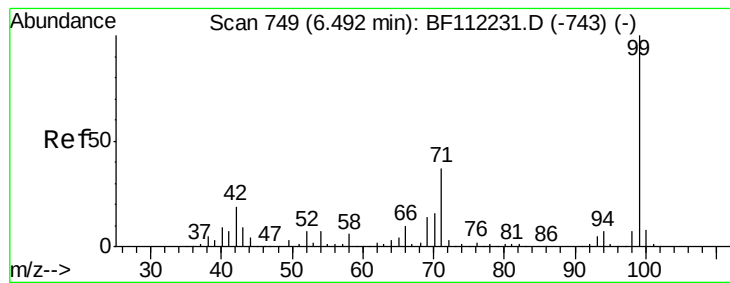


#5

2-Fluorophenol
Concen: 60.484 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF112630.D
Acq: 19 Feb 2019 19:34

Tgt Ion:112 Resp: 266990
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 30.8 23.6 35.4





#7

Phenol-d6

Concen: 56.861 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

Instrument :

BNA_F

ClientSampleId :

M-14-S

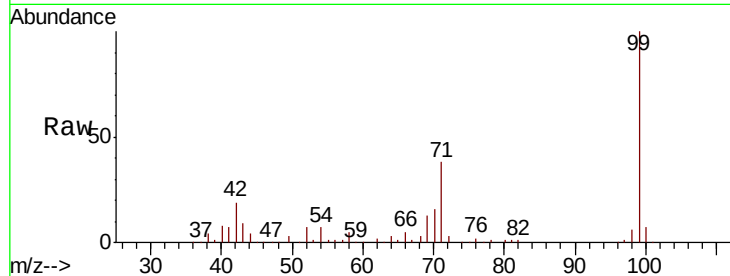
Tgt Ion: 99 Resp: 348774

Ion Ratio Lower Upper

99 100

42 19.2 15.1 22.7

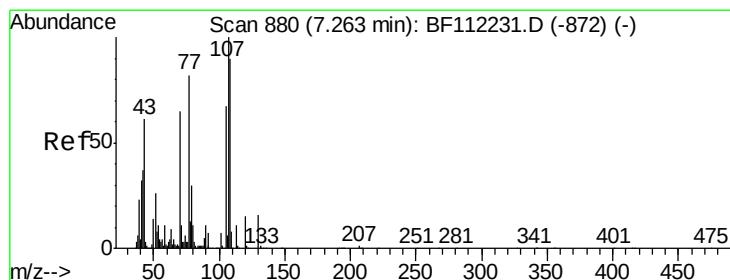
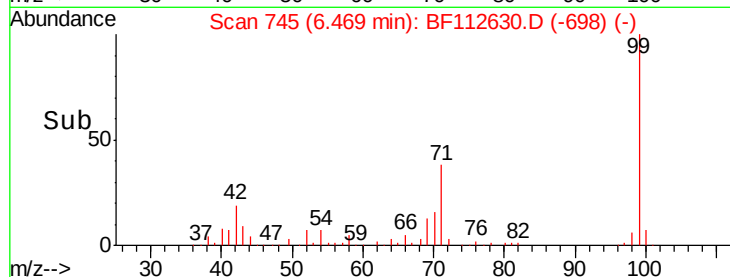
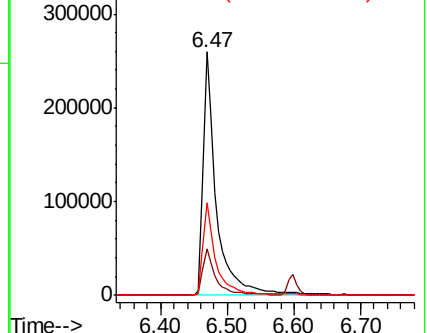
71 38.2 26.9 40.3



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: 7.044 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

Tgt Ion: 70 Resp: 29793

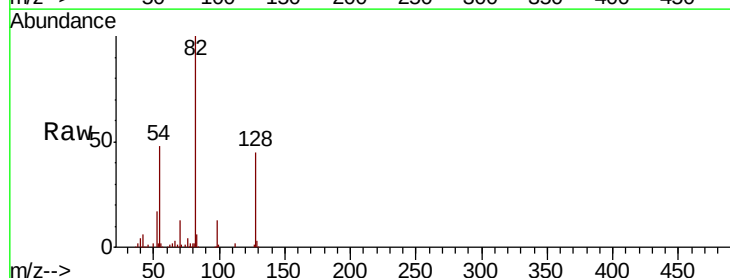
Ion Ratio Lower Upper

70 100

42 48.4 47.6 71.4

101 0.0 7.9 11.9#

130 2.0 18.4 27.6#

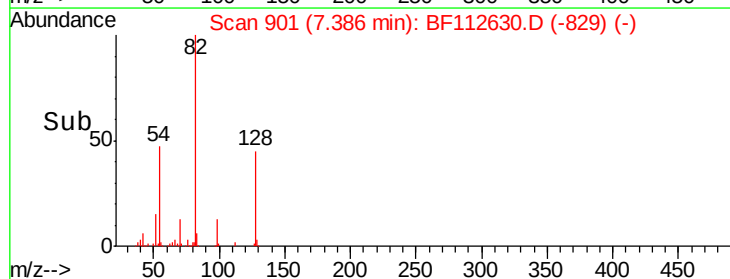
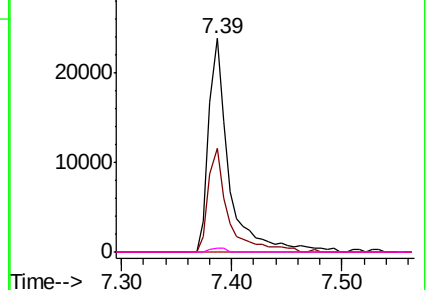


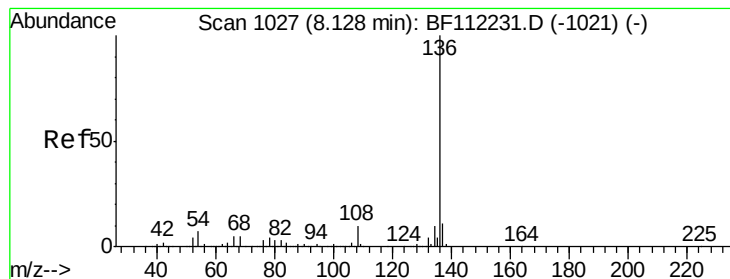
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF112630.D

Acq: 19 Feb 2019 19:34

Instrument :

BNA_F

ClientSampleId :

M-14-S

Tgt Ion:136 Resp: 377465

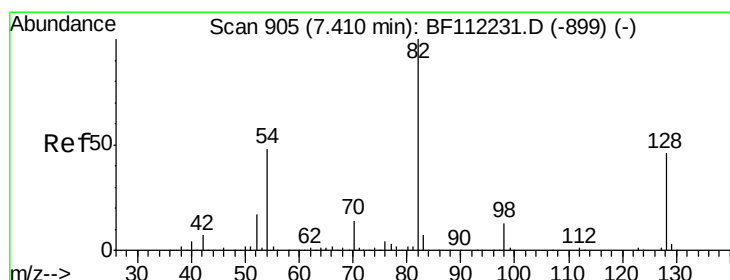
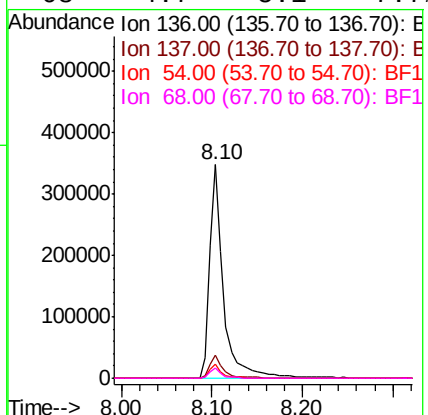
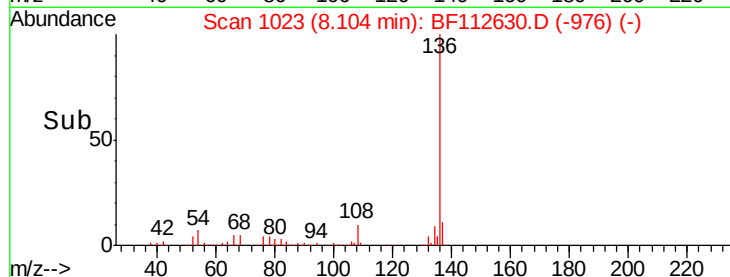
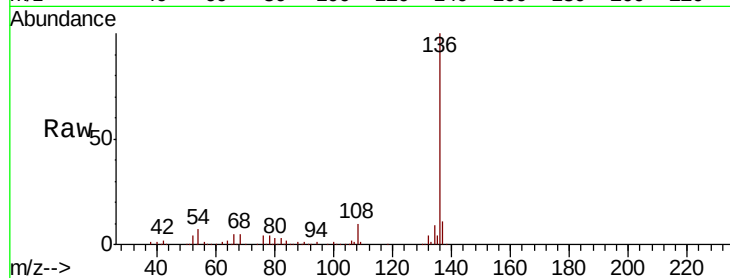
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.7 5.9 8.9

68 4.7 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 34.307 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

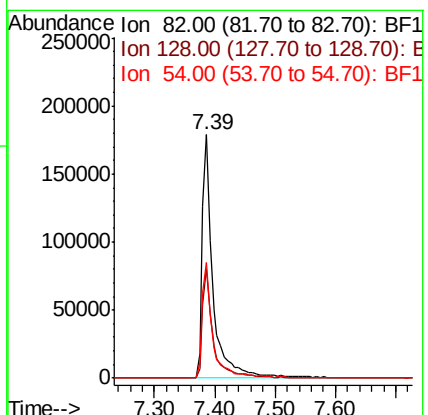
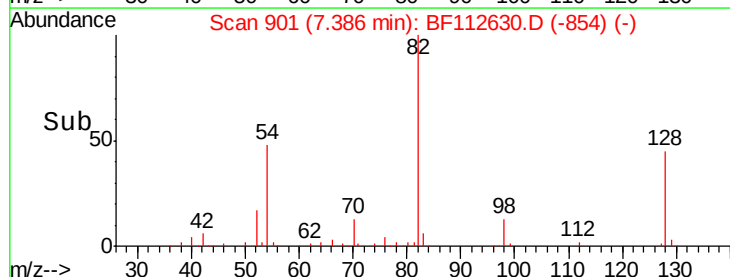
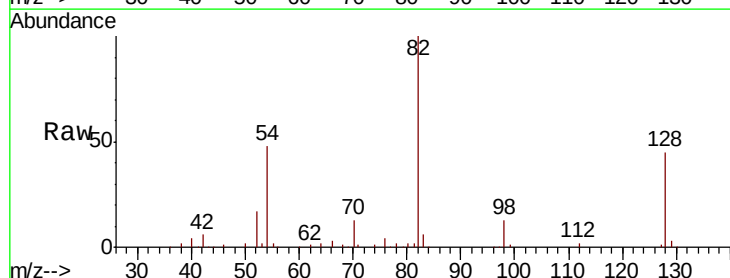
Tgt Ion: 82 Resp: 224747

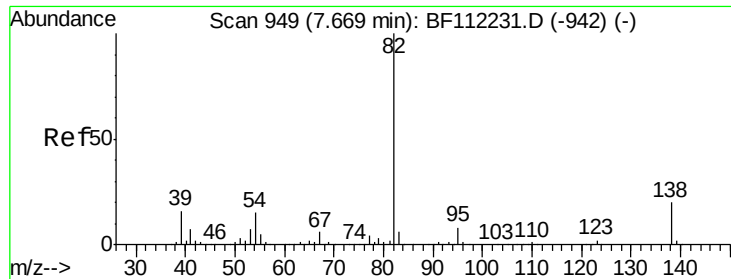
Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

54 47.6 39.7 59.5

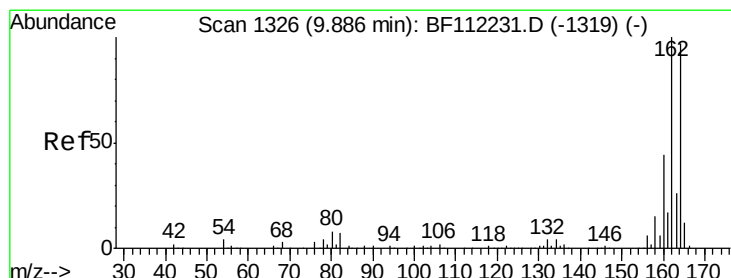
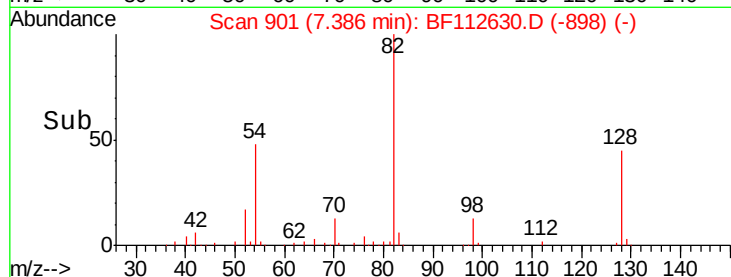
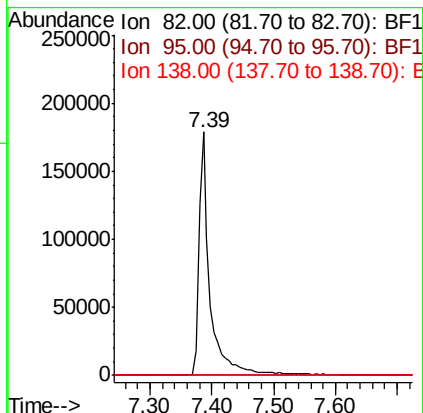
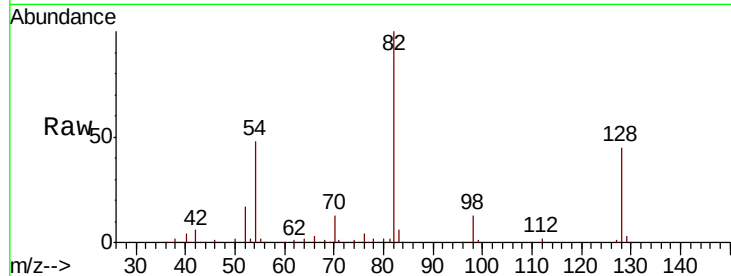




#25
Isophorone
Concen: 21.869 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112630.D
Acq: 19 Feb 2019 19:34

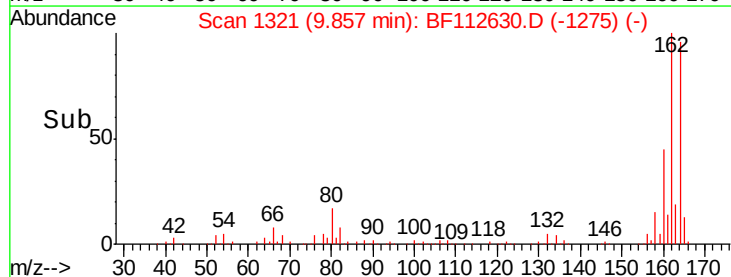
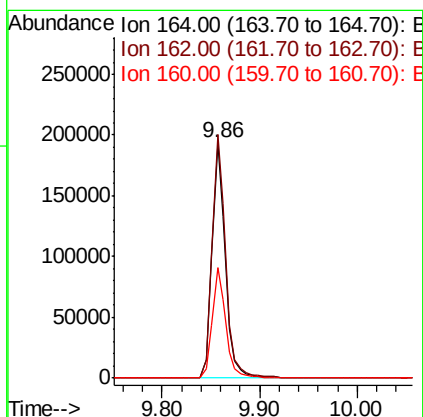
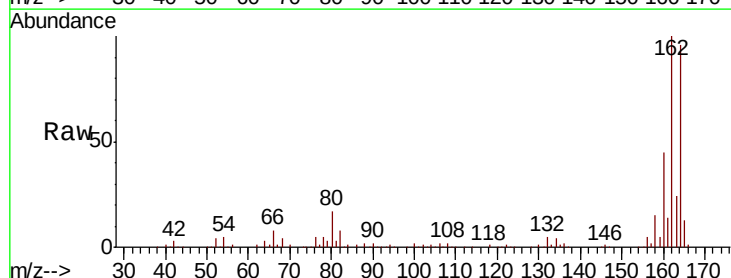
Instrument :
BNA_F
ClientSampled :
M-14-S

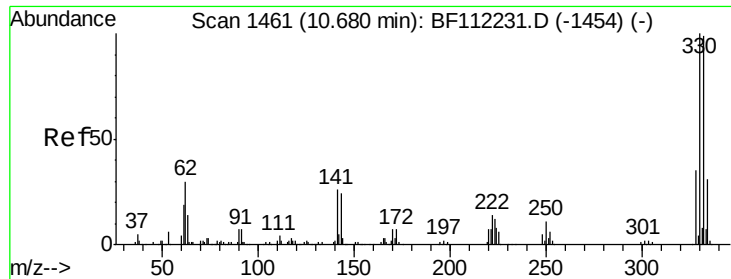
Tgt Ion: 82 Resp: 224746
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112630.D
Acq: 19 Feb 2019 19:34

Tgt Ion: 164 Resp: 183155
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.4
160 47.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 50.091 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.03 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

Instrument :

BNA_F

ClientSampleId :

M-14-S

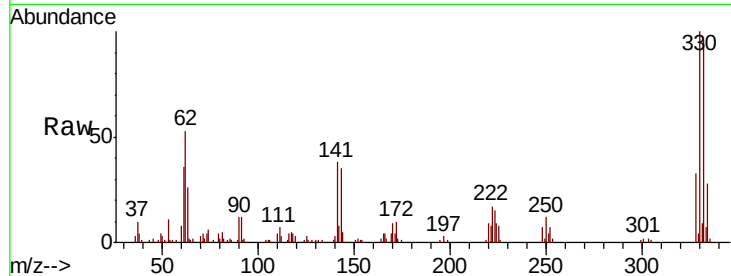
Tgt Ion:330 Resp: 106787

Ion Ratio Lower Upper

330 100

332 99.1 76.6 114.8

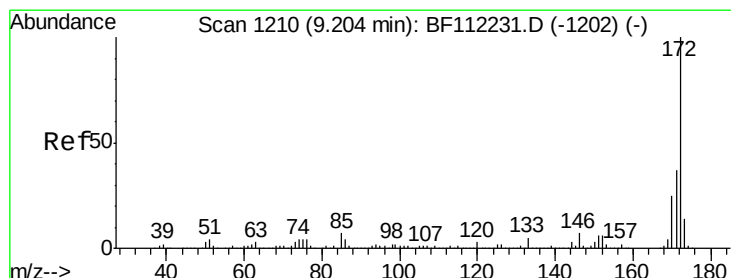
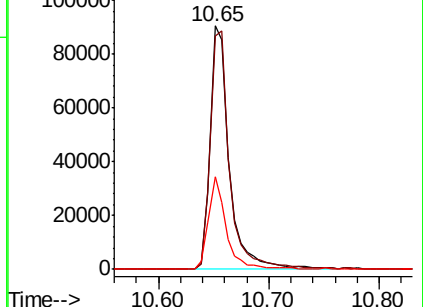
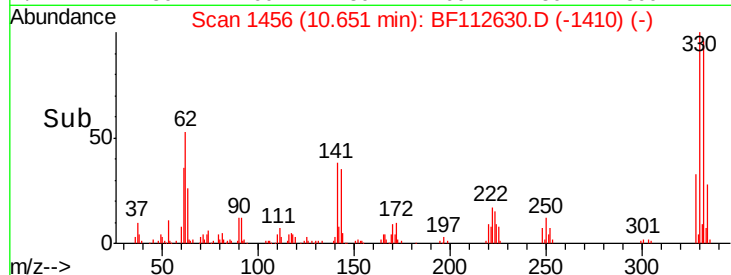
141 35.3 24.3 36.5



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: 36.069 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

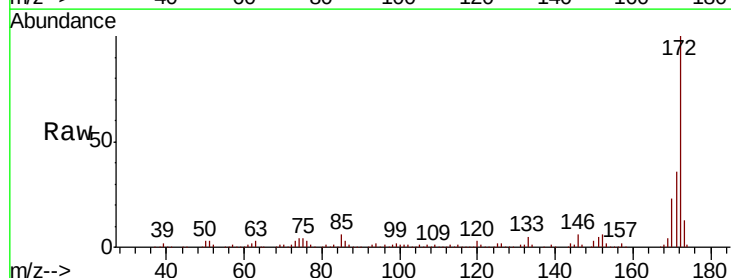
Tgt Ion:172 Resp: 467088

Ion Ratio Lower Upper

172 100

171 36.0 30.5 45.7

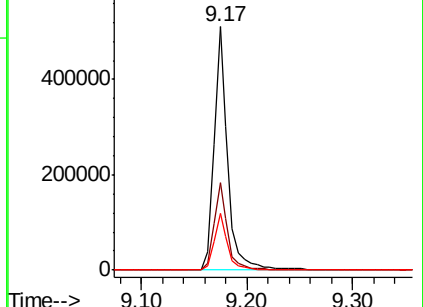
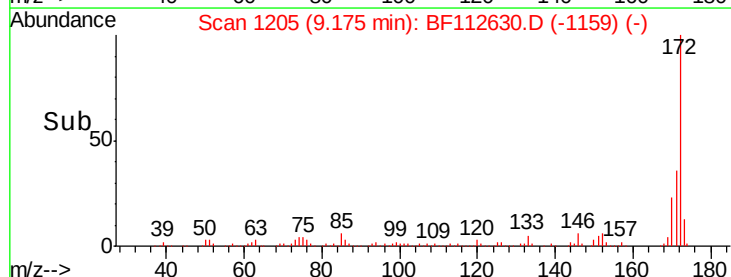
170 23.3 20.2 30.4

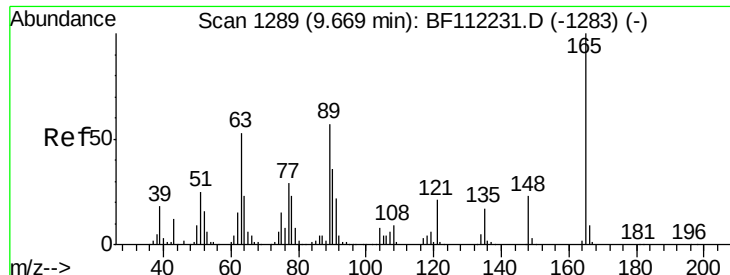


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.082 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.19 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

Instrument :

BNA_F

ClientSampleId :

M-14-S

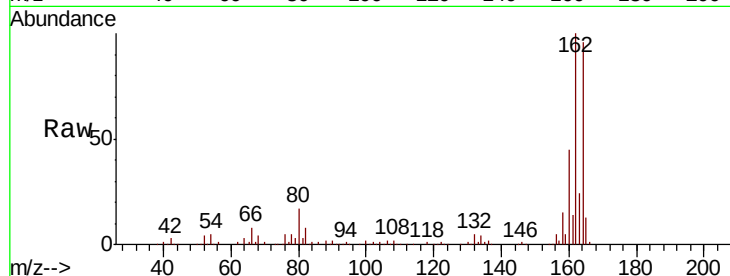
Tgt Ion:165 Resp: 22571

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

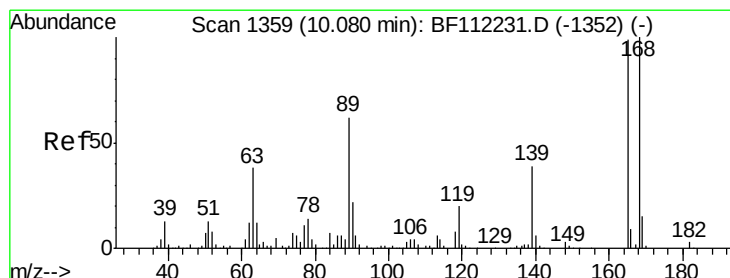
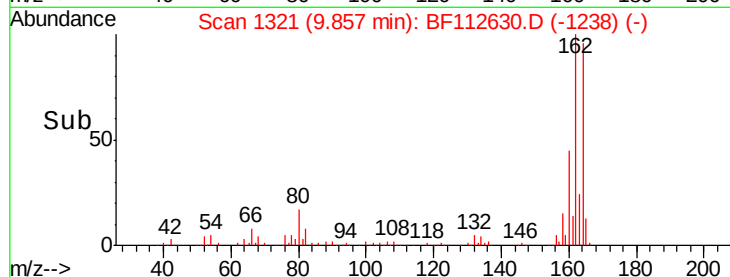
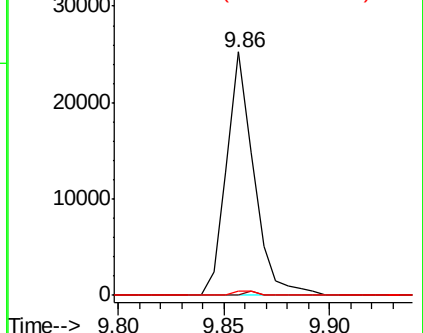
89 1.6 36.9 55.3#



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: 5.563 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112630.D

Acq: 19 Feb 2019 19:34

Tgt Ion:165 Resp: 22571

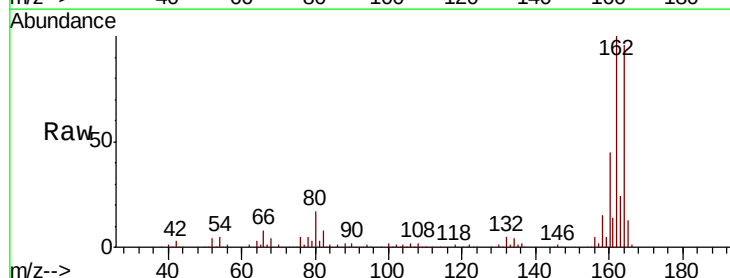
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 1.6 47.9 71.9#

182 0.0 2.2 3.4#

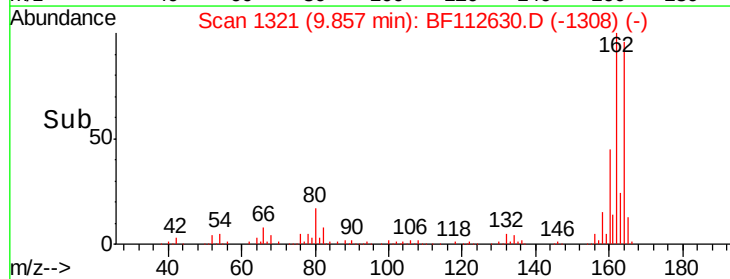
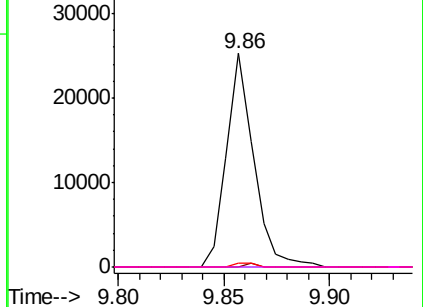


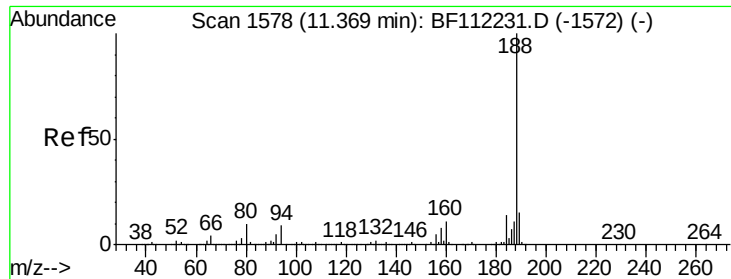
Abundance Ion 165.00 (164.70 to 165.70): E

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

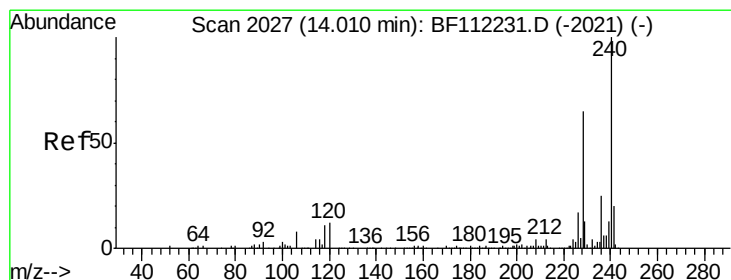
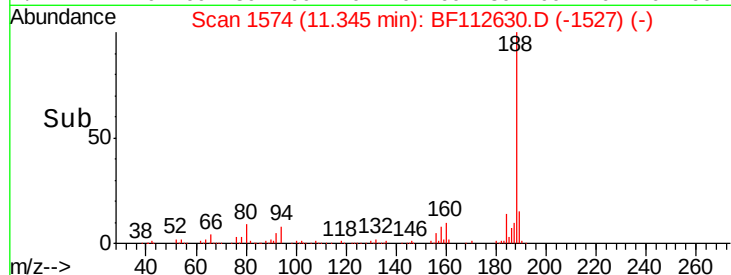
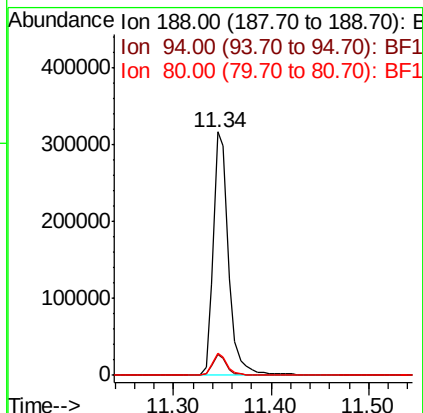
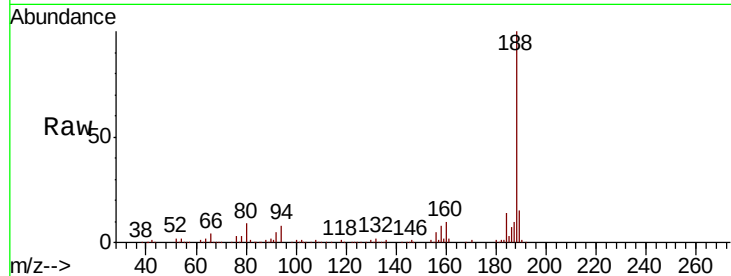




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF112630.D
Acq: 19 Feb 2019 19:34

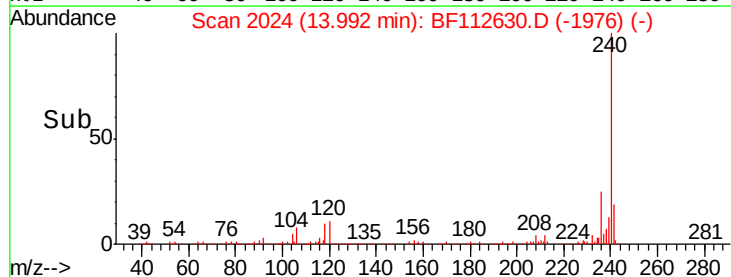
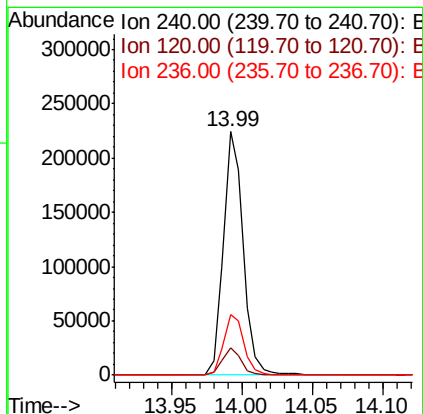
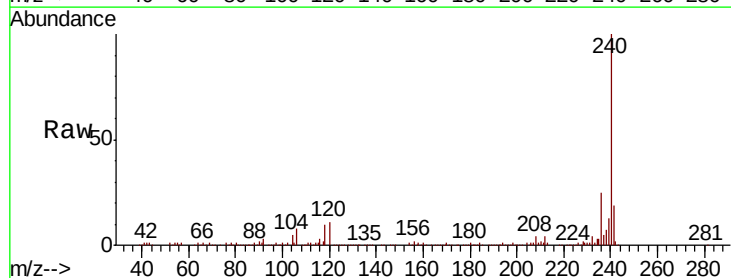
Instrument :
BNA_F
ClientSampleId :
M-14-S

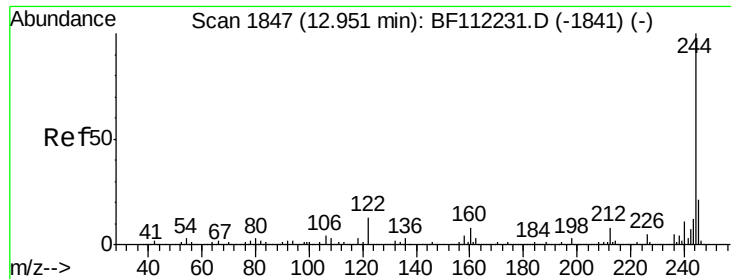
Tgt Ion:	188	Resp:	342415
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.4	8.9	13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF112630.D
Acq: 19 Feb 2019 19:34

Tgt Ion:	240	Resp:	219221
Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.6
236	25.1	20.7	31.1

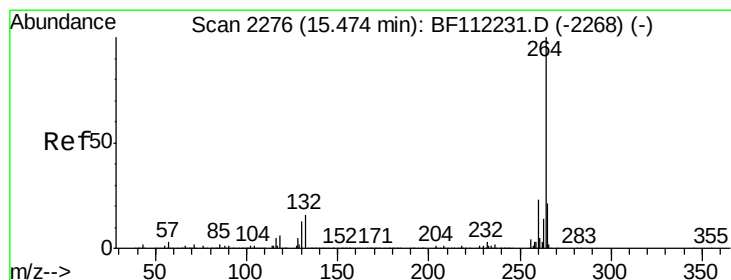
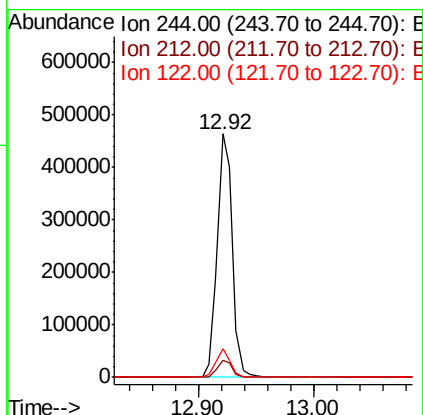
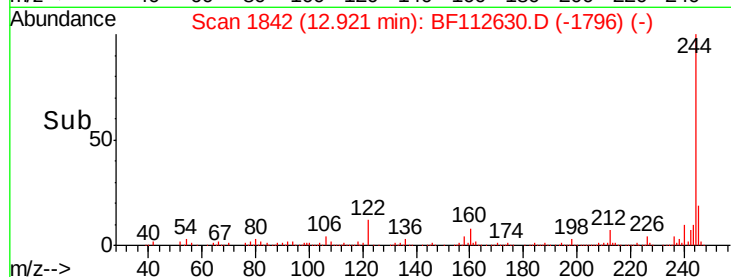
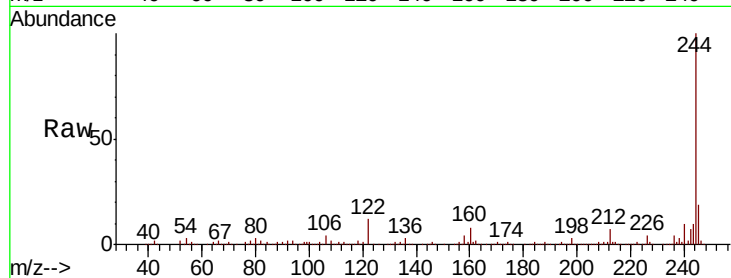




#79
 Terphenyl-d14
 Concen: 36.139 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF112630.D
 Acq: 19 Feb 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 M-14-S

Tgt Ion: 244 Resp: 420633
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112630.D
 Acq: 19 Feb 2019 19:34

Tgt Ion: 264 Resp: 228368
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 20.8 17.0 25.4

