

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112498.D
 Acq On : 11 Feb 2019 23:08
 Operator : JU/SJ
 Sample : K1442-05 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-11

Quant Time: Feb 12 00:02:25 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

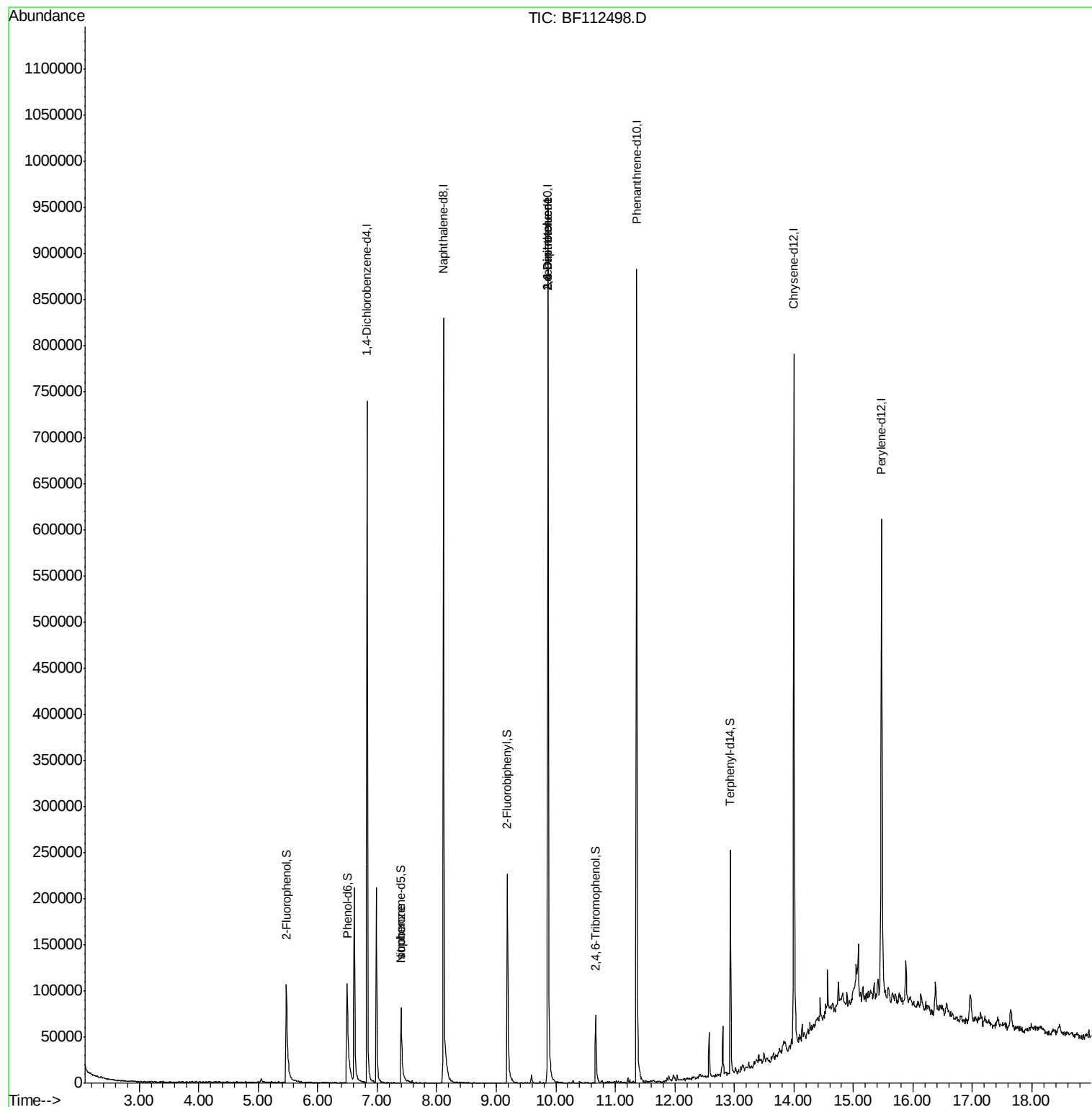
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	124721	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	496074	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	220416	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	373127	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	289761	20.00	ng	0.00
87) Perylene-d12	15.47	264	252708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	62112	10.58	ng	0.00
7) Phenol-d6	6.49	99	86339	10.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	52415	6.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	14943	5.82	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	108479	6.96	ng	-0.02
79) Terphenyl-d14	12.93	244	83558	5.43	ng	-0.02
Target Compounds						
25) Isophorone	7.40	82	52415	3.881	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	28131	7.335	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	28132	5.762	ng	# 32

(#) = 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: BF112498.D

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BNA_F

ClientSampled :

COMP-11

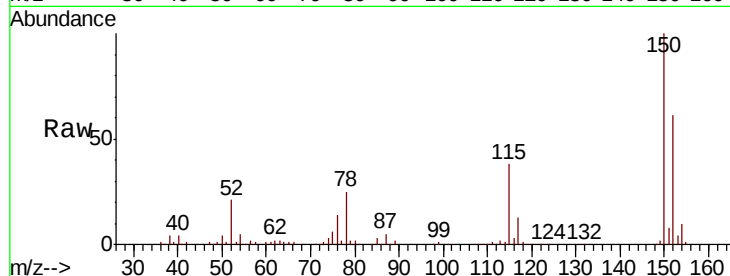
Tgt Ion:152 Resp: 124721

Ion Ratio Lower Upper

152 100

150 163.4 127.4 191.0

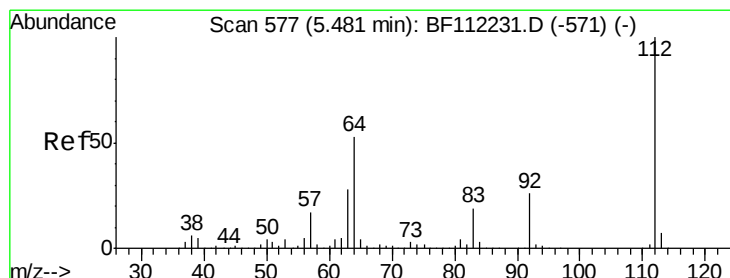
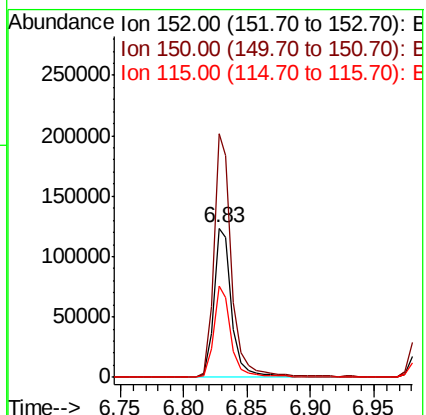
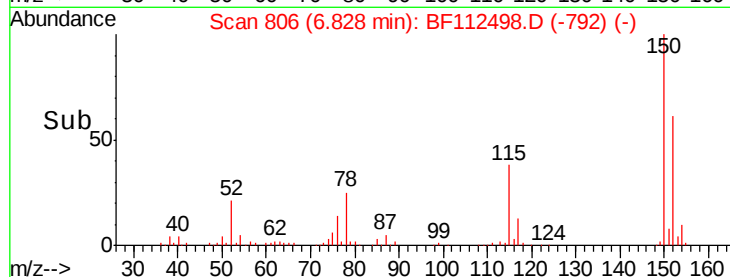
115 61.3 45.5 68.3



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: 10.578 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

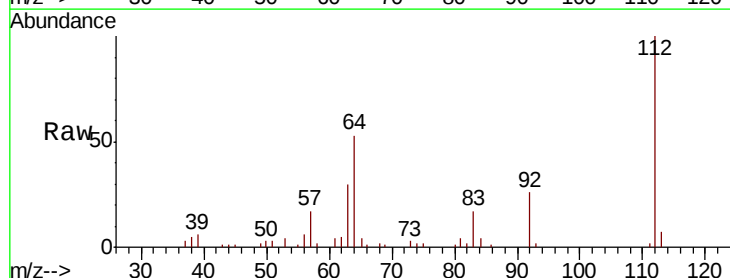
Tgt Ion:112 Resp: 62112

Ion Ratio Lower Upper

112 100

64 53.0 45.7 68.5

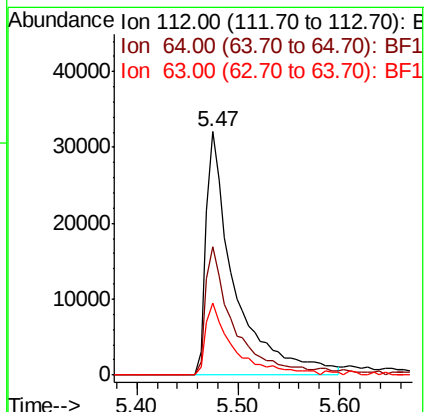
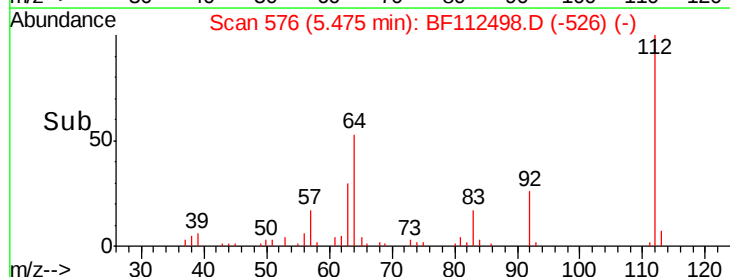
63 29.8 23.6 35.4



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: 10.582 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

Instrument :

BNA_F

ClientSampleId :

COMP-11

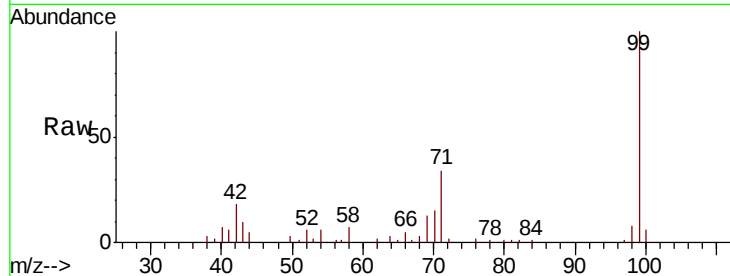
Tgt Ion: 99 Resp: 86339

Ion Ratio Lower Upper

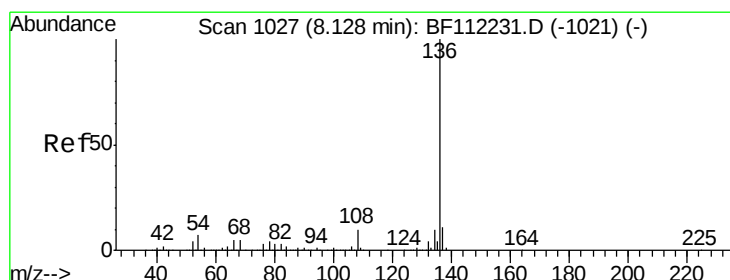
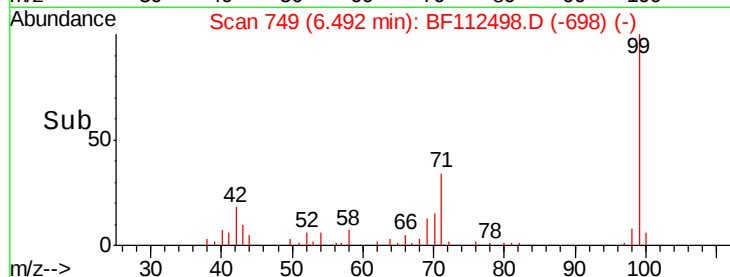
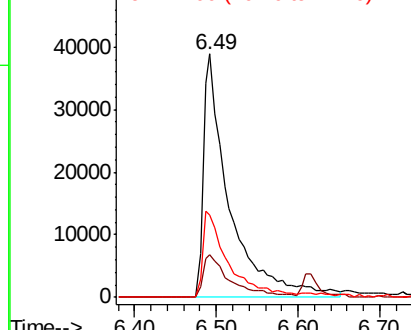
99 100

42 17.7 15.1 22.7

71 33.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

Tgt Ion: 136 Resp: 496074

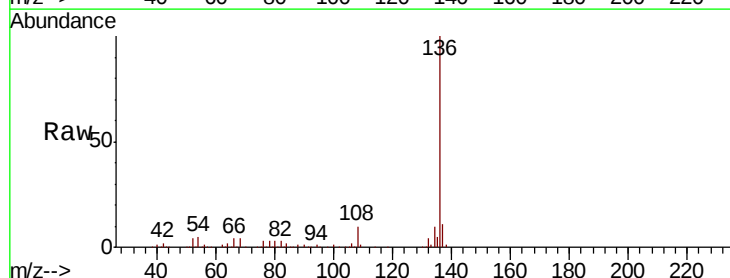
Ion Ratio Lower Upper

136 100

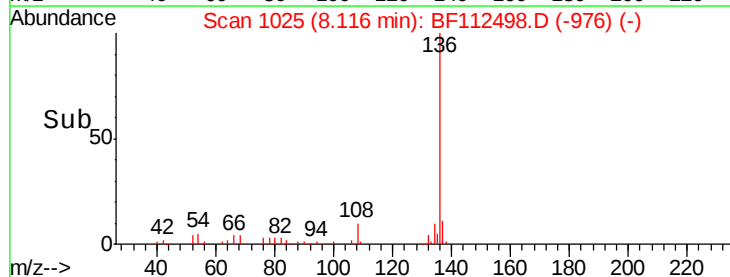
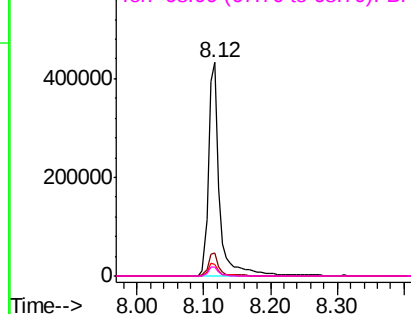
137 10.6 9.1 13.7

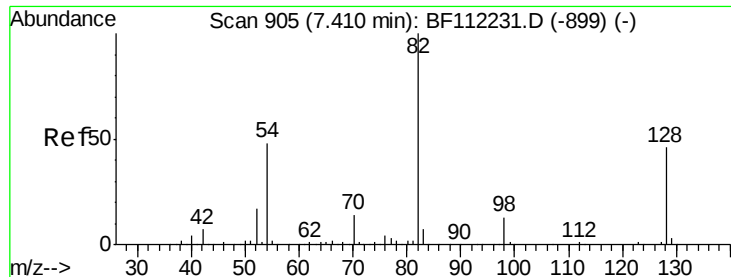
54 5.5 5.9 8.9#

68 4.2 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

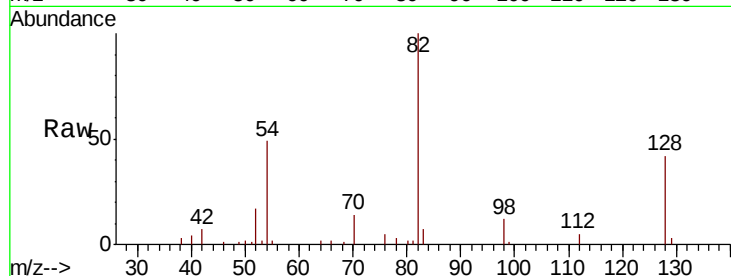




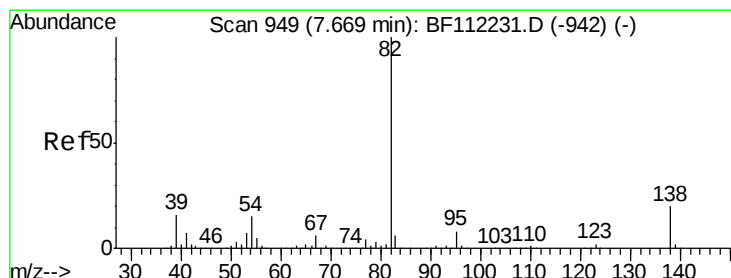
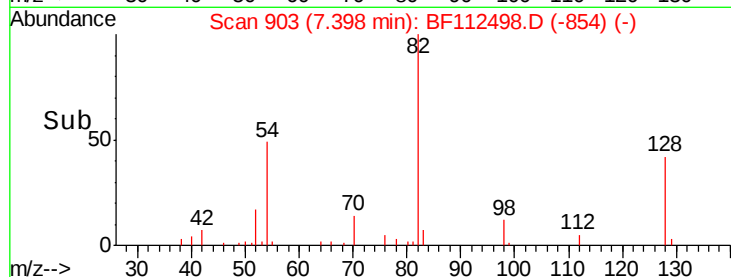
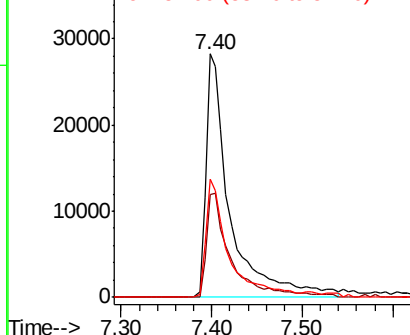
#23
Nitrobenzene-d5
Concen: 6.088 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112498.D
Acq: 11 Feb 2019 23:08

Instrument :
BNA_F
ClientSampleId :
COMP-11

Tgt Ion: 82 Resp: 52415
Ion Ratio Lower Upper
82 100
128 42.3 37.8 56.8
54 48.8 39.7 59.5

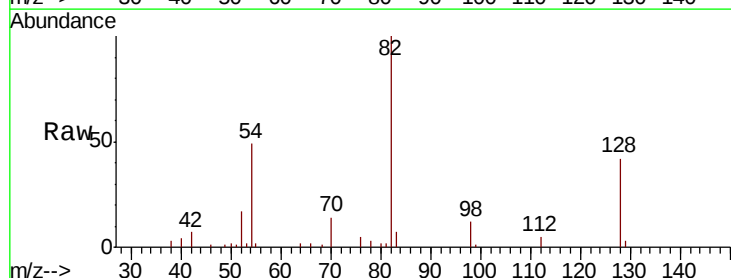


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

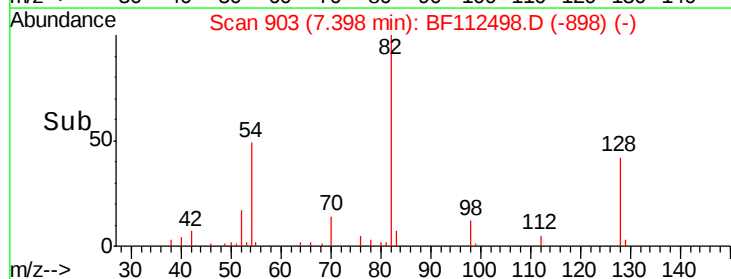
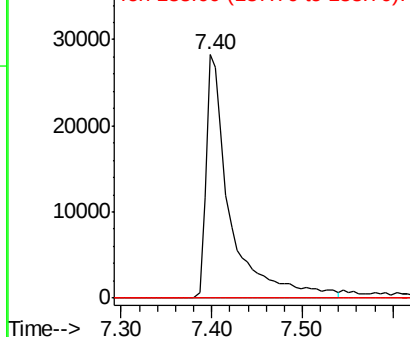


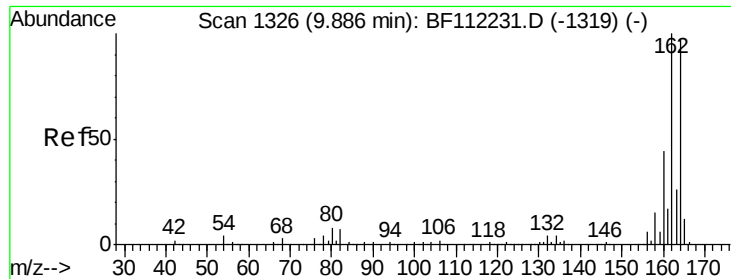
#25
Isophorone
Concen: 3.881 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112498.D
Acq: 11 Feb 2019 23:08

Tgt Ion: 82 Resp: 52415
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: BF112498.D

Acq: 11 Feb 2019 23:08

Instrument :

BNA_F

ClientSampleId :

COMP-11

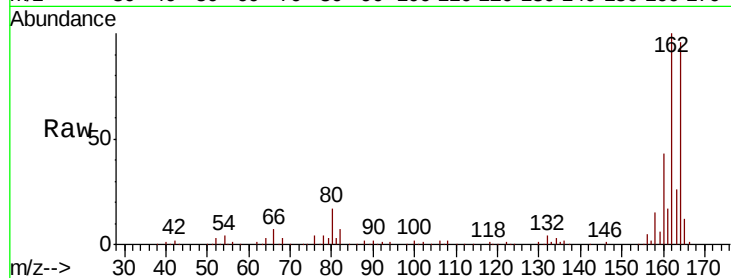
Tgt Ion:164 Resp: 220416

Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.4

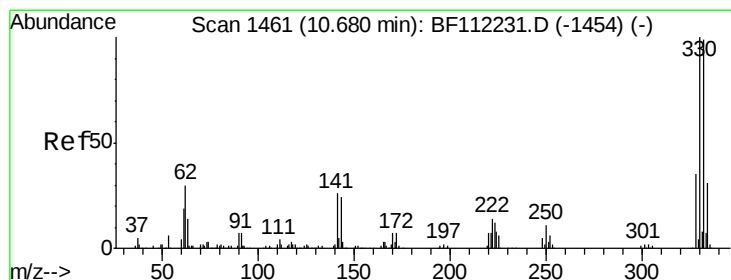
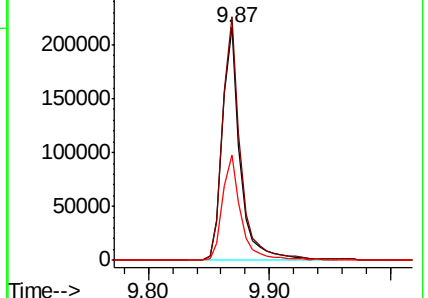
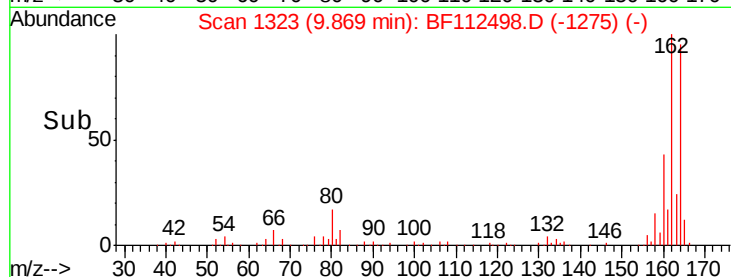
160 45.0 36.2 54.4



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: 5.824 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

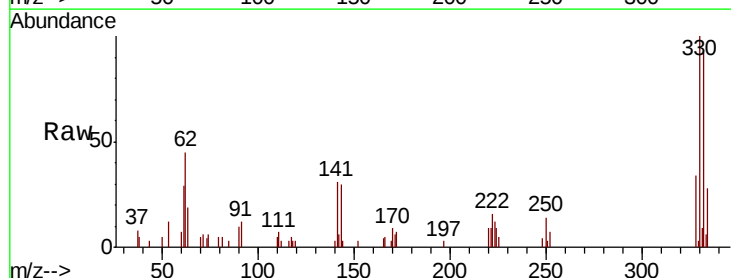
Tgt Ion:330 Resp: 14943

Ion Ratio Lower Upper

330 100

332 93.6 76.6 114.8

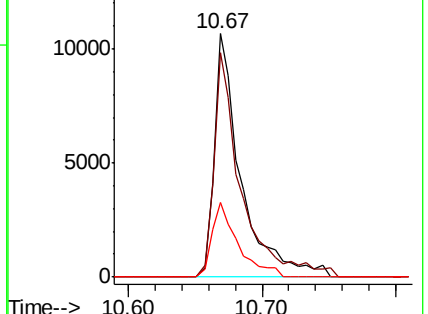
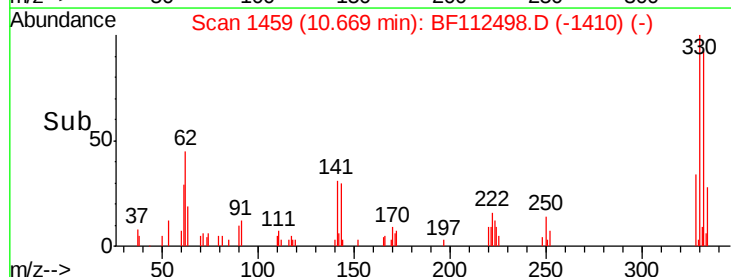
141 29.9 24.3 36.5

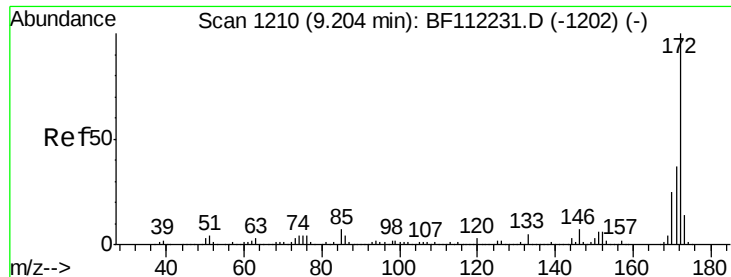


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

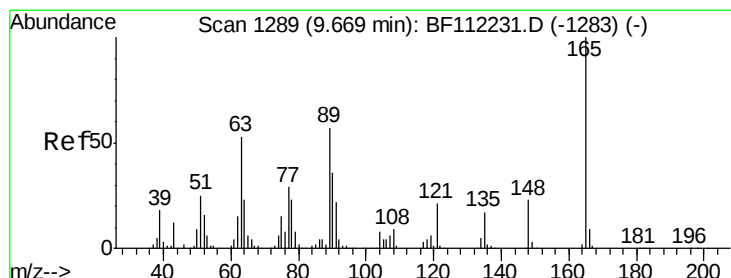
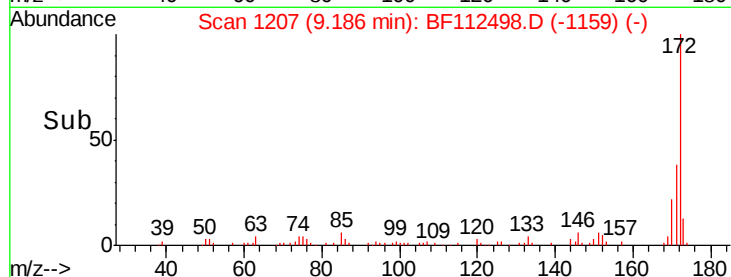
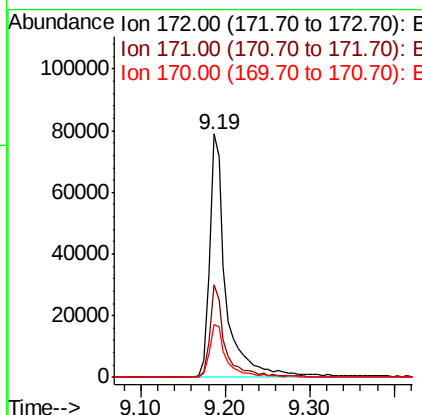
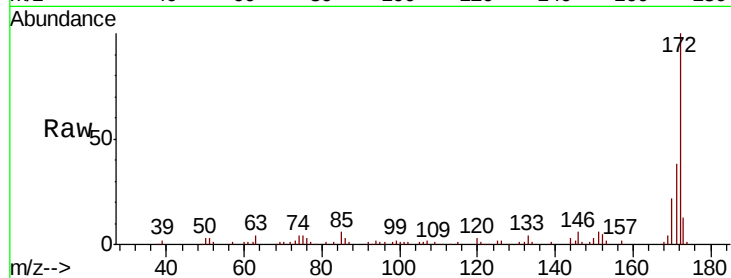




#45
 2-Fluorobiphenyl
 Concen: 6.961 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112498.D
 Acq: 11 Feb 2019 23:08

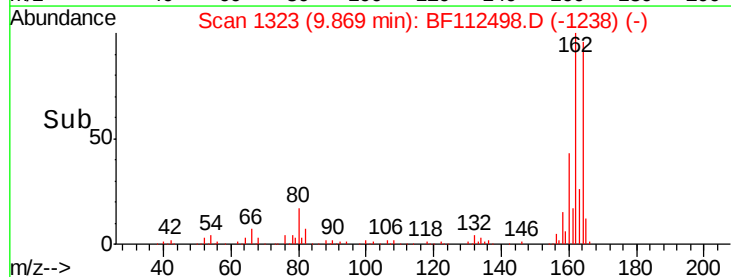
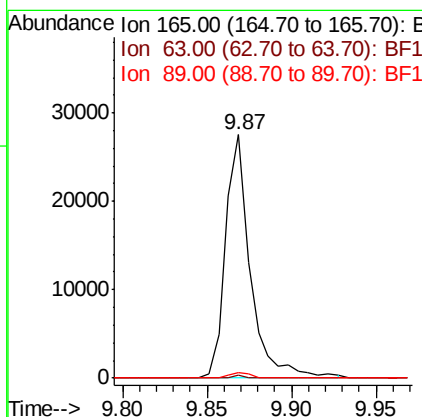
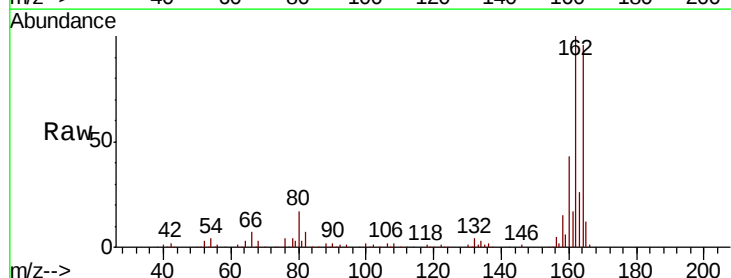
Instrument :
 BNA_F
 ClientSampleId :
 COMP-11

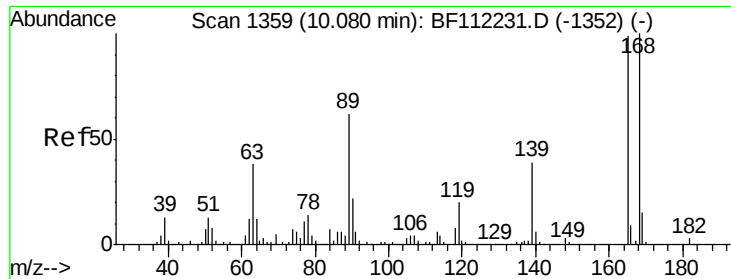
Tgt Ion:172 Resp: 108479
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.5 45.7
 170 21.9 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.335 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112498.D
 Acq: 11 Feb 2019 23:08

Tgt Ion:165 Resp: 28131
 Ion Ratio Lower Upper
 165 100
 63 1.4 33.8 50.8#
 89 2.3 36.9 55.3#





#57

2,4-Dinitrotoluene

Concen: 5.762 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

Instrument :

BNA_F

ClientSampleId :

COMP-11

Tgt Ion:165 Resp: 28132

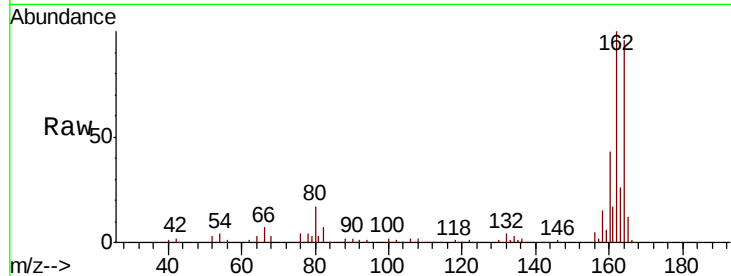
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 2.3 47.9 71.9#

182 0.0 2.2 3.4#

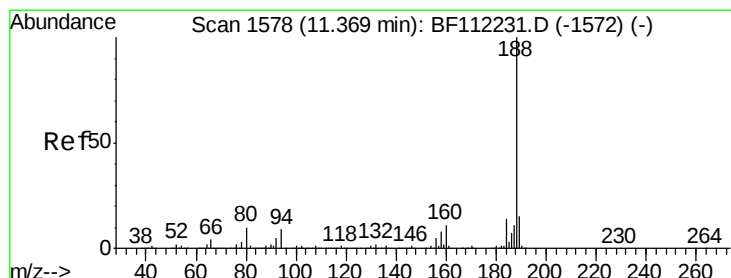
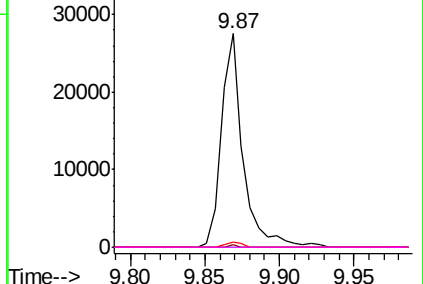
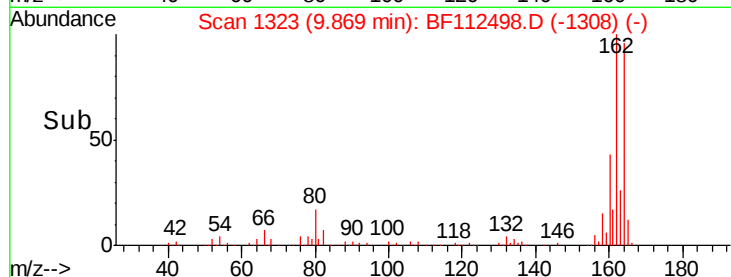


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

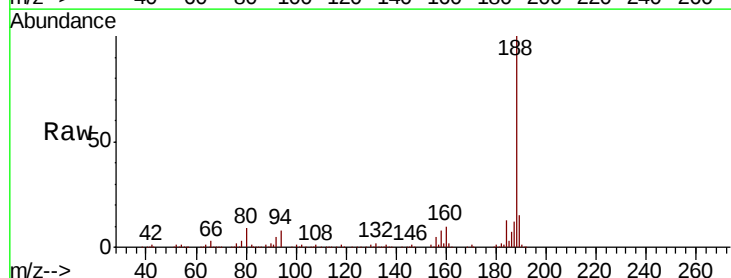
Tgt Ion:188 Resp: 373127

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

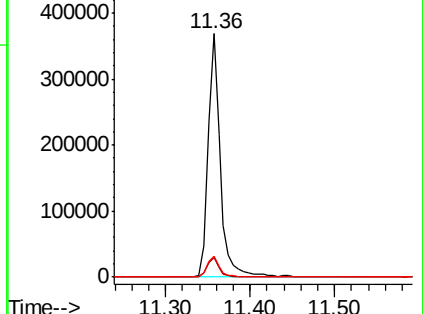
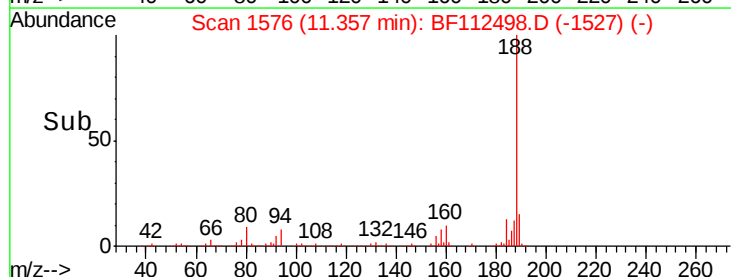
80 8.7 8.9 13.3#

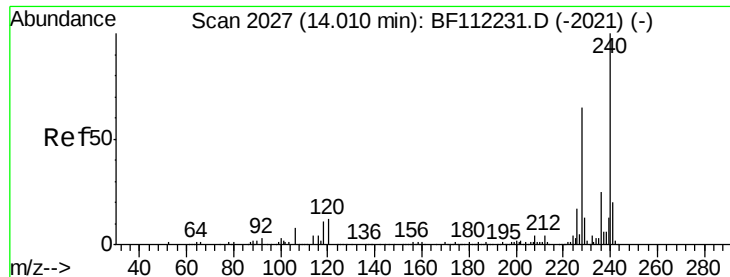


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

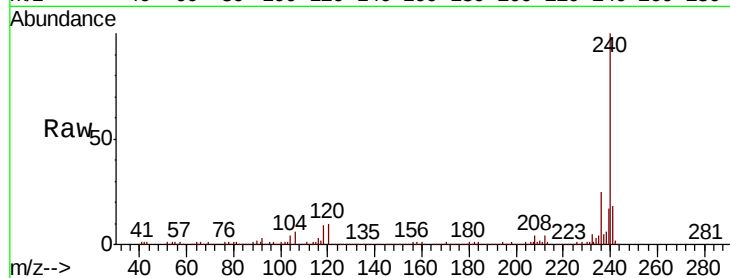




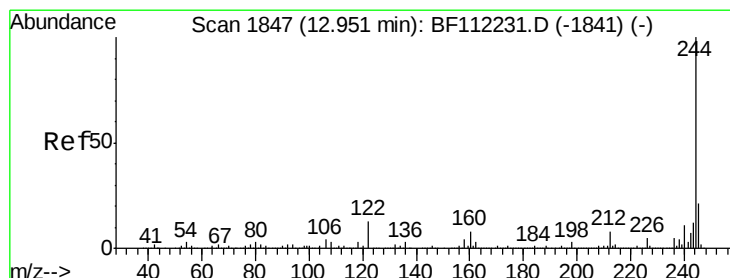
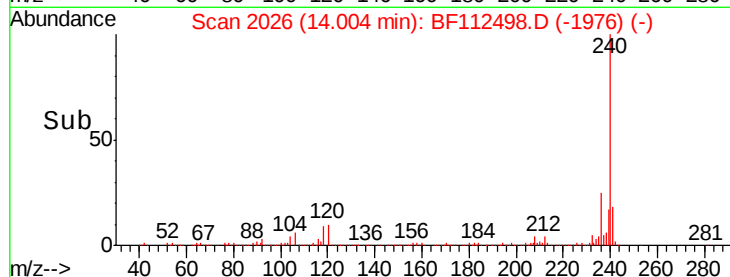
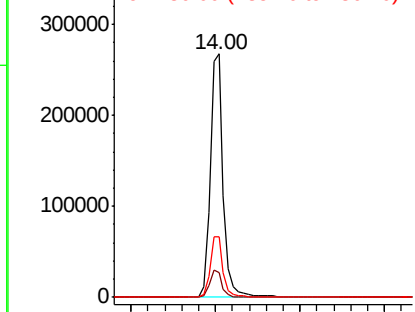
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112498.D
Acq: 11 Feb 2019 23:08

Instrument :
BNA_F
ClientSampleId :
COMP-11

Tgt Ion:240 Resp: 289761
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.6
236 25.1 20.7 31.1

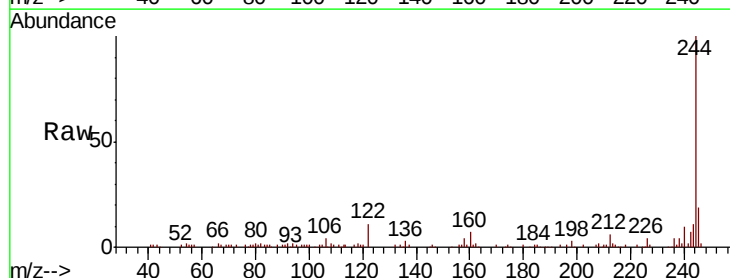


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

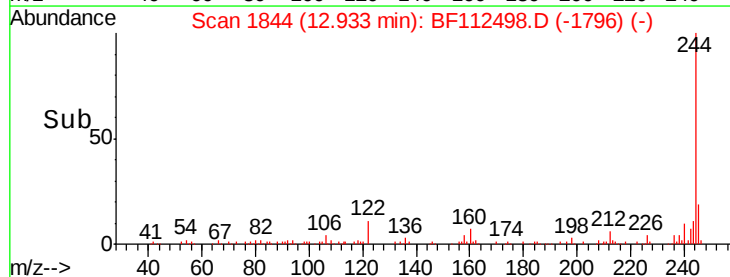
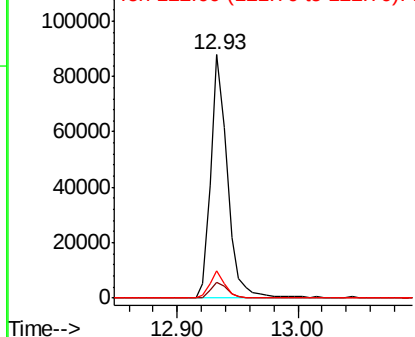


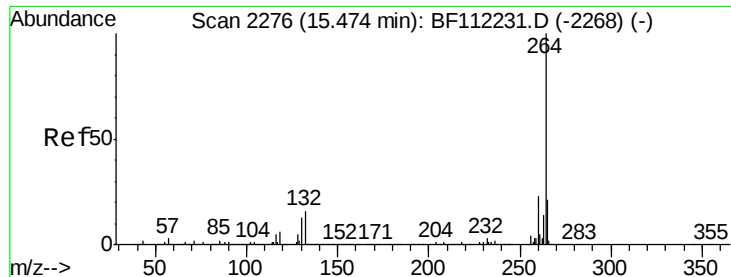
#79
Terphenyl-d14
Concen: 5.431 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112498.D
Acq: 11 Feb 2019 23:08

Tgt Ion:244 Resp: 83558
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 11.0 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
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF112498.D
Acq: 11 Feb 2019 23:08

Instrument :
BNA_F
ClientSampleId :
COMP-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.8	17.0	25.4

