

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112497.D
 Acq On : 11 Feb 2019 22:41
 Operator : JU/SJ
 Sample : K1442-04 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-10

Quant Time: Feb 12 00:02:17 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

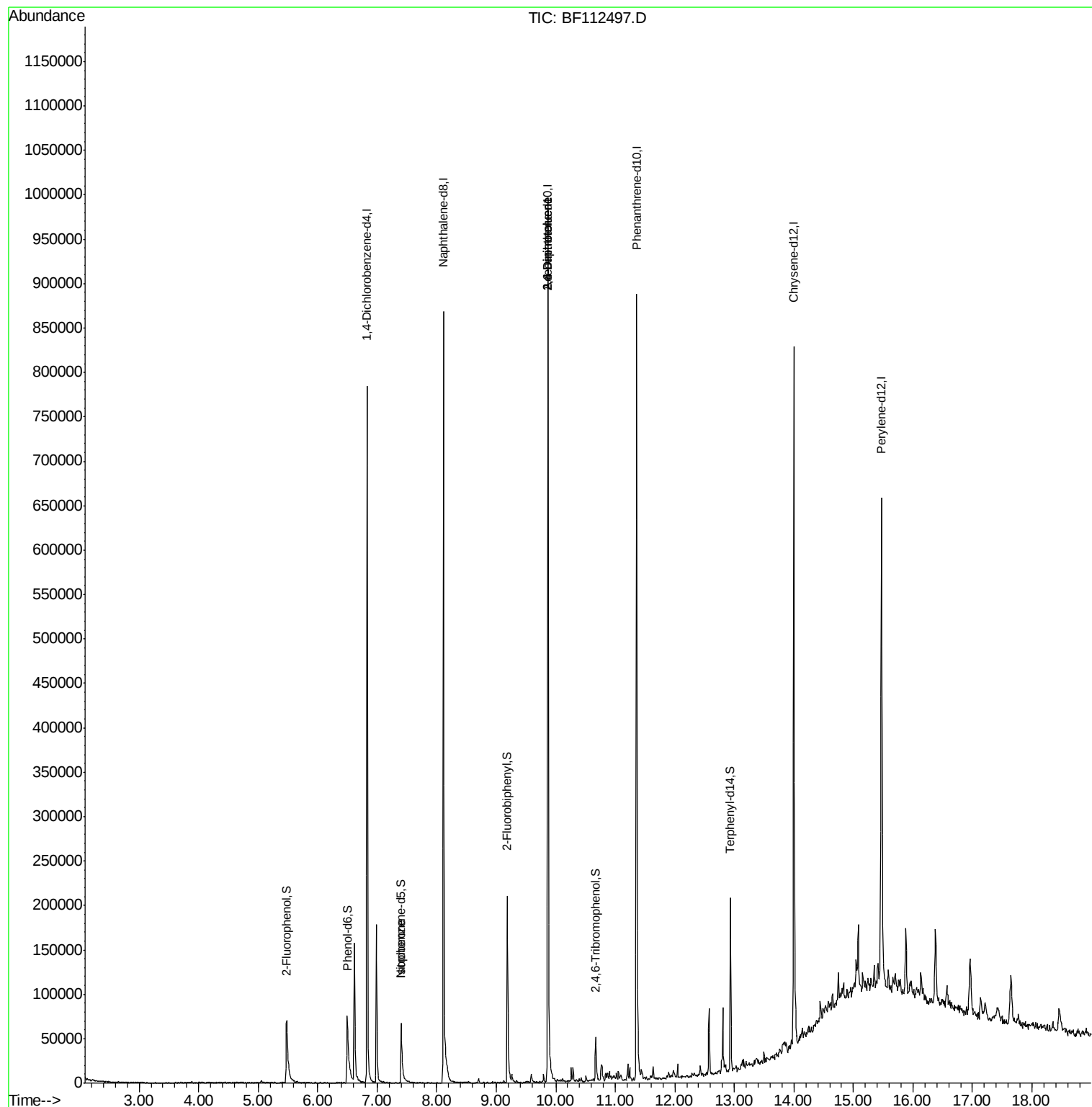
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	133199	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	522263	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	228206	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	362508	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	288688	20.00	ng	-0.01
87) Perylene-d12	15.47	264	275945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	46081	7.35	ng	0.00
7) Phenol-d6	6.49	99	62184	7.14	ng	0.00
23) Nitrobenzene-d5	7.40	82	40828	4.50	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	10497	3.95	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	91581	5.68	ng	-0.02
79) Terphenyl-d14	12.93	244	68577	4.47	ng	-0.02
Target Compounds						
25) Isophorone	7.40	82	40828	2.871	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	28288	7.124	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	28288	5.596	ng	# 32

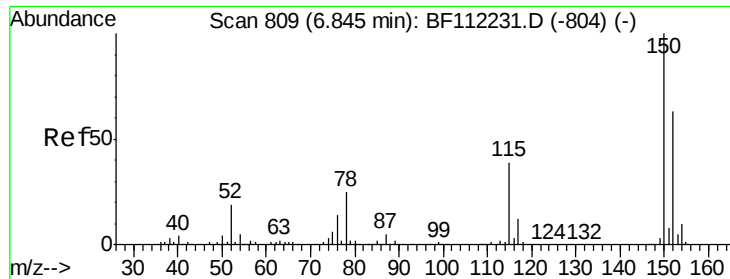
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
Data File : BF112497.D
Acq On : 11 Feb 2019 22:41
Operator : JU/SJ
Sample : K1442-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-10

Quant Time: Feb 12 00:02:17 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



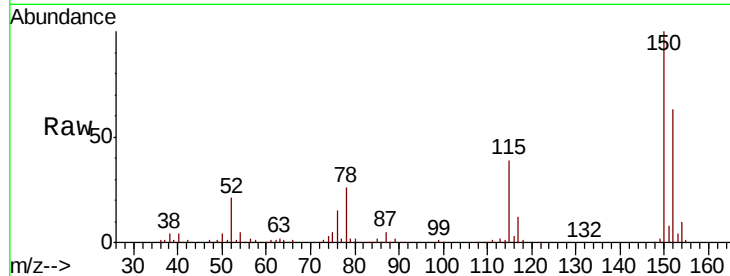


#1

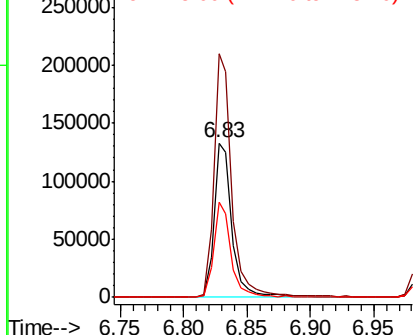
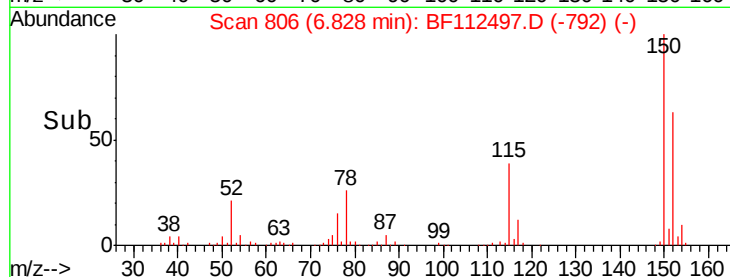
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Instrument :
BNA_F
ClientSampleId :
COMP-10

Tgt Ion:152 Resp: 133199
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 61.7 45.5 68.3



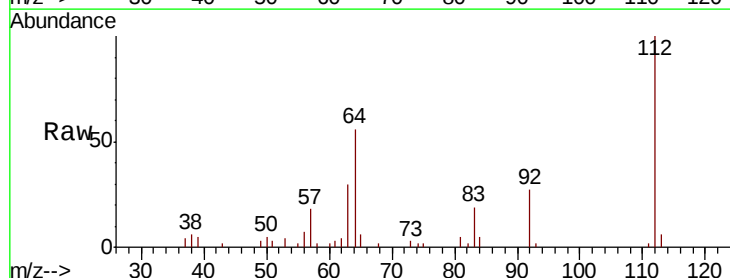
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



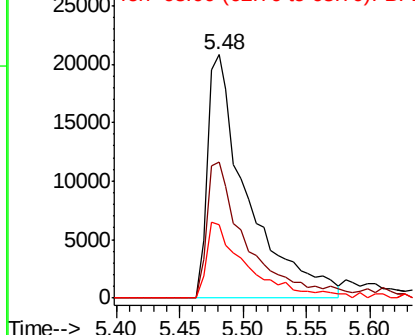
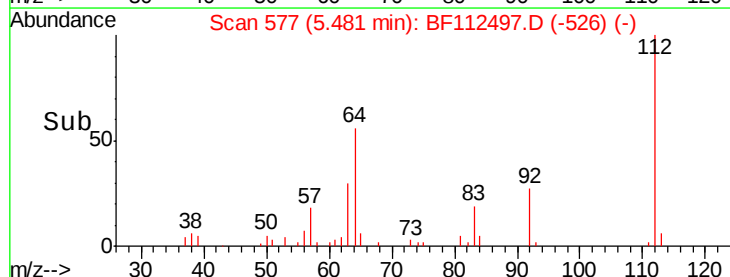
#5

2-Fluorophenol
Concen: 7.348 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Tgt Ion:112 Resp: 46081
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 30.0 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: 7.136 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112497.D

Acq: 11 Feb 2019 22:41

Instrument :

BNA_F

ClientSampleId :

COMP-10

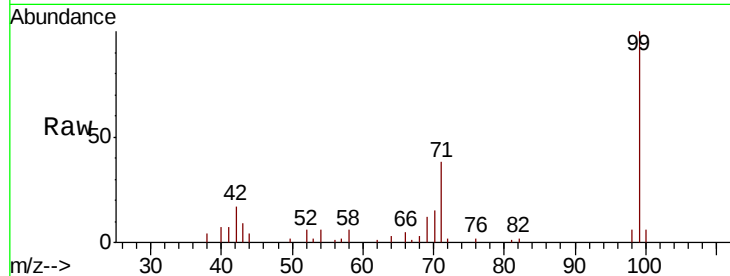
Tgt Ion: 99 Resp: 62184

Ion Ratio Lower Upper

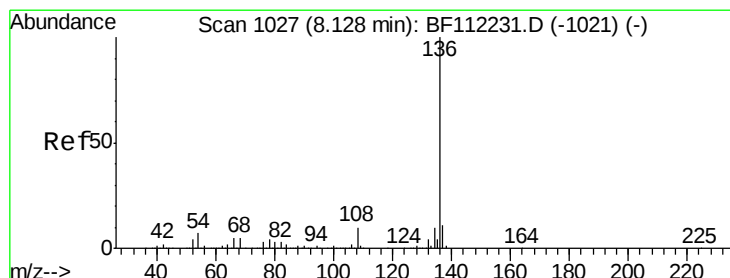
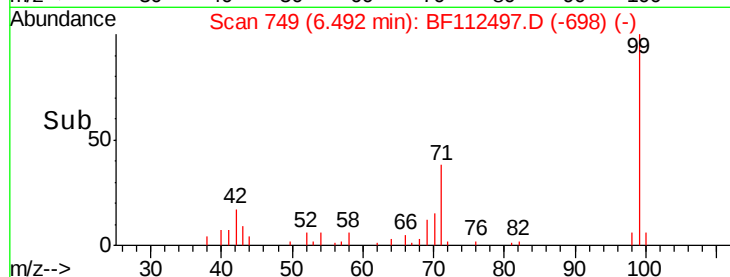
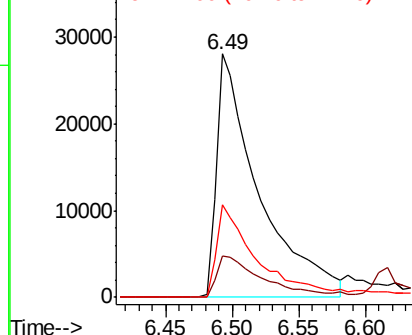
99 100

42 16.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112497.D

Acq: 11 Feb 2019 22:41

Tgt Ion: 136 Resp: 522263

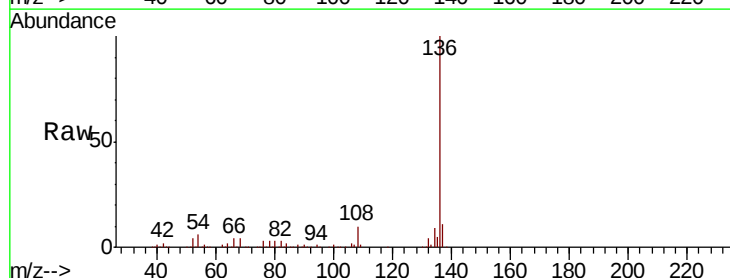
Ion Ratio Lower Upper

136 100

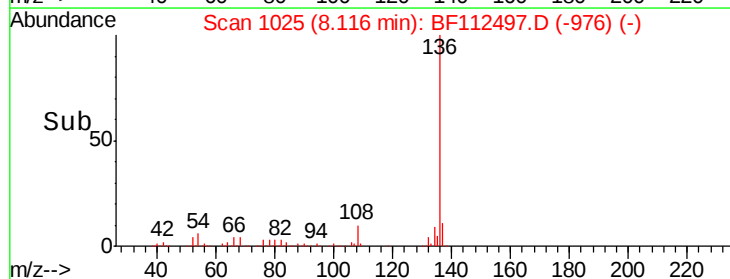
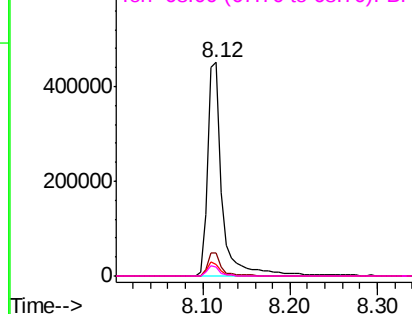
137 10.9 9.1 13.7

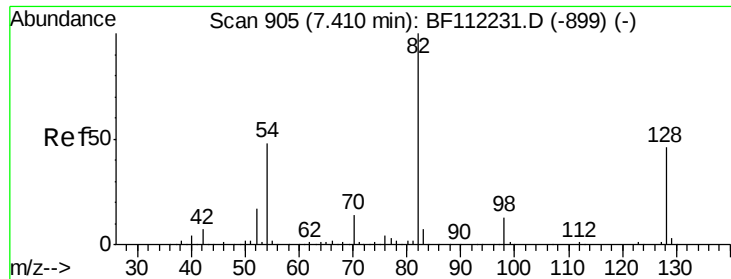
54 5.7 5.9 8.9#

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

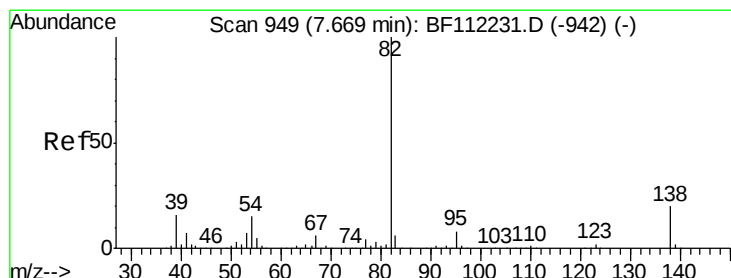
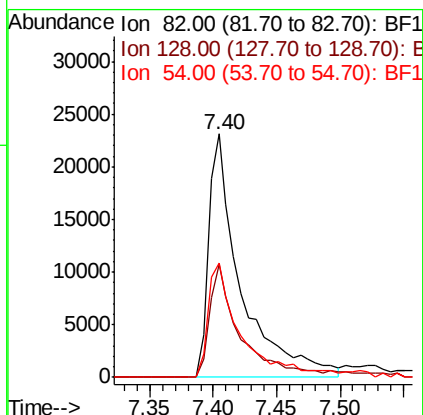
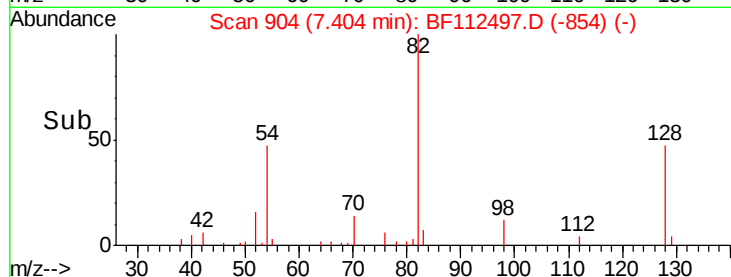
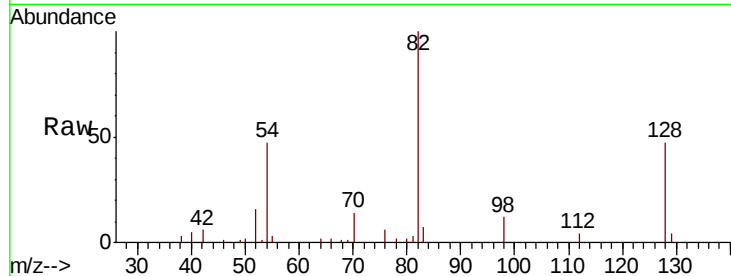




#23
Nitrobenzene-d5
Concen: 4.504 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

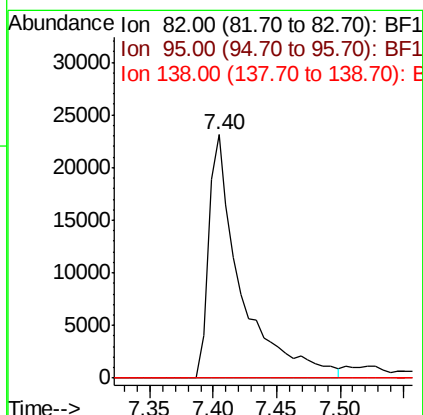
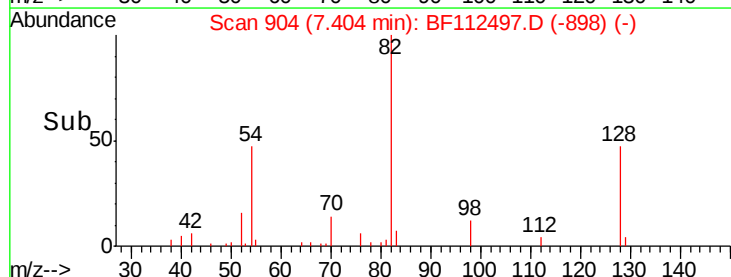
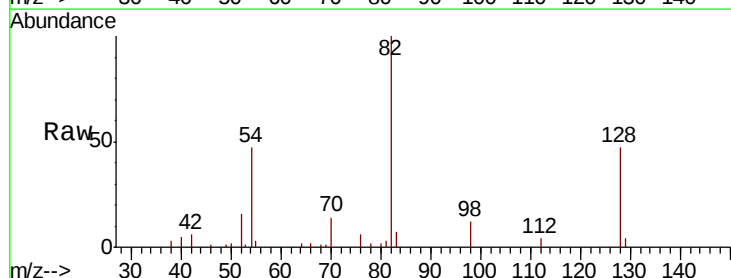
Instrument :
BNA_F
ClientSampleId :
COMP-10

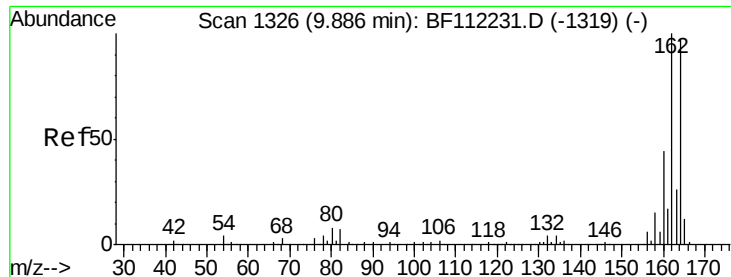
Tgt Ion: 82 Resp: 40828
Ion Ratio Lower Upper
82 100
128 46.5 37.8 56.8
54 47.2 39.7 59.5



#25
Isophorone
Concen: 2.871 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Tgt Ion: 82 Resp: 40828
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

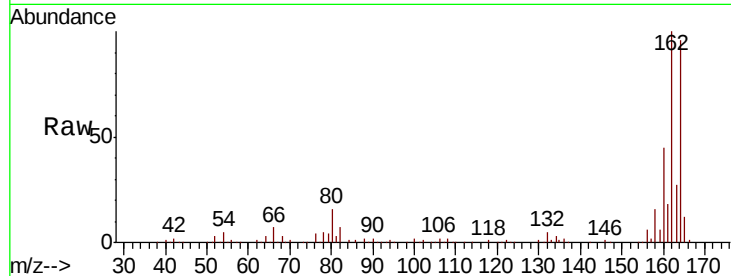




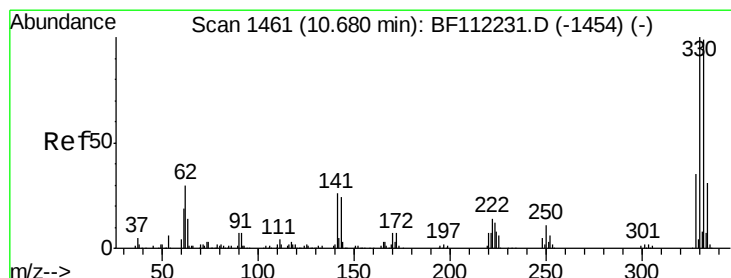
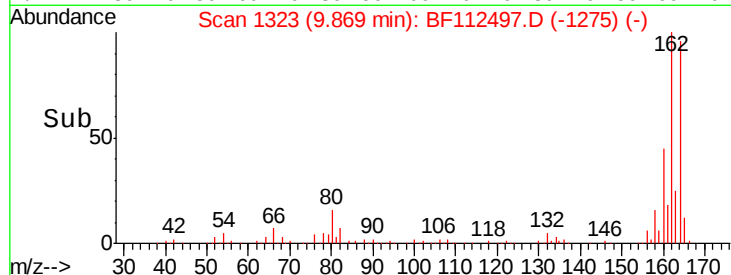
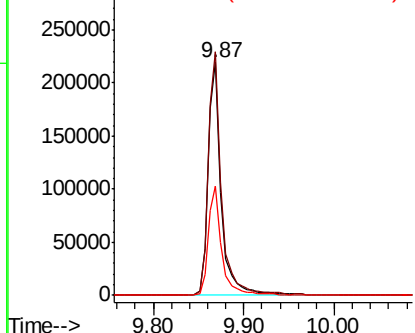
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Instrument :
BNA_F
ClientSampleId :
COMP-10

Tgt Ion:164 Resp: 228206
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.4
160 46.8 36.2 54.4

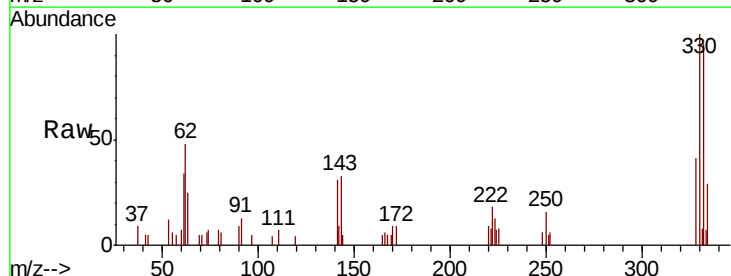


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

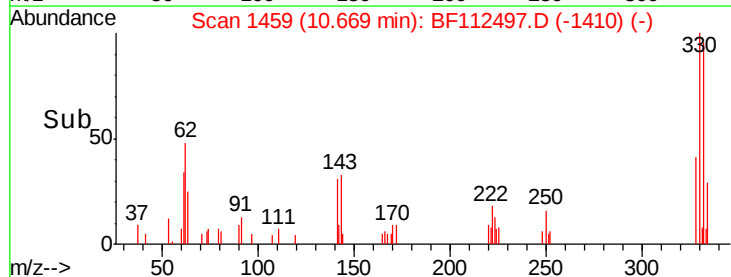
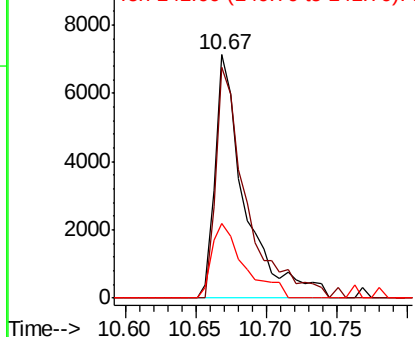


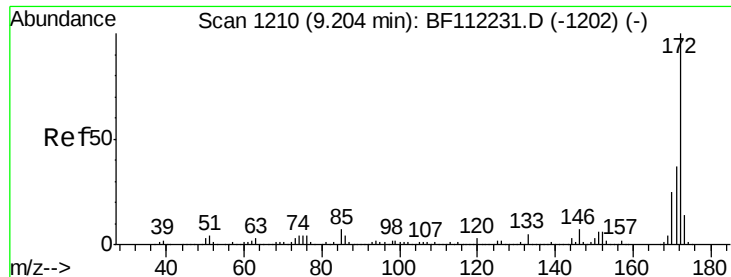
#42
2,4,6-Tribromophenol
Concen: 3.952 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Tgt Ion:330 Resp: 10497
Ion Ratio Lower Upper
330 100
332 98.7 76.6 114.8
141 33.6 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

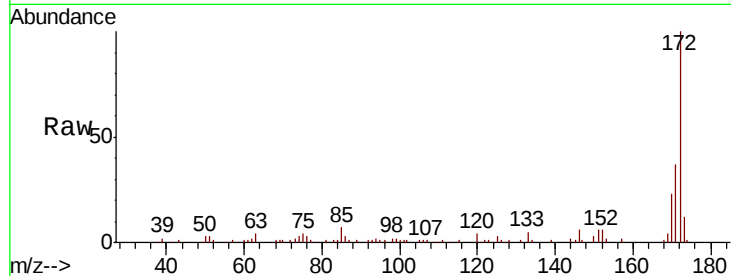




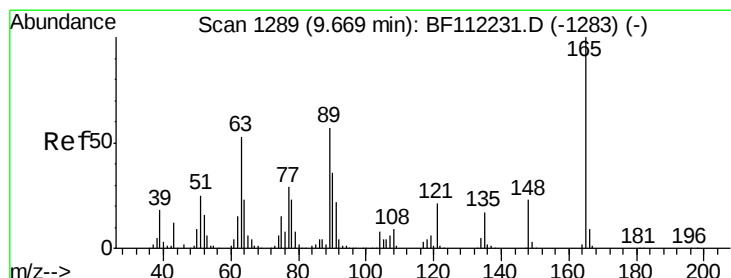
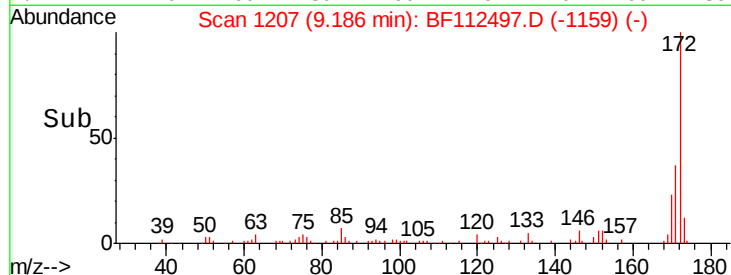
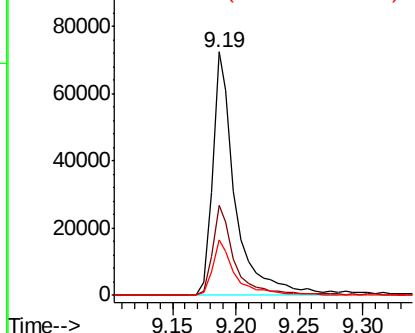
#45
 2-Fluorobiphenyl
 Concen: 5.676 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112497.D
 Acq: 11 Feb 2019 22:41

Instrument :
 BNA_F
 ClientSampleId :
 COMP-10

Tgt Ion:172 Resp: 91581
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.5 45.7
 170 22.9 20.2 30.4

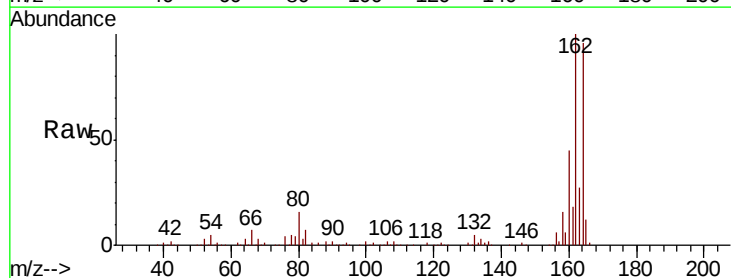


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

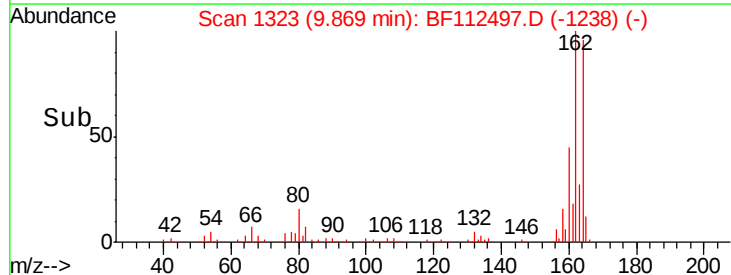
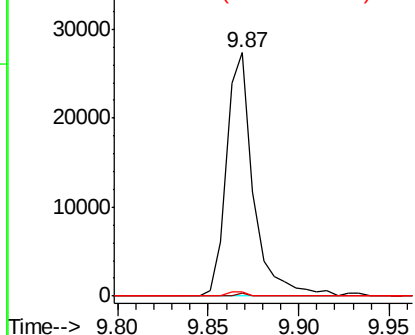


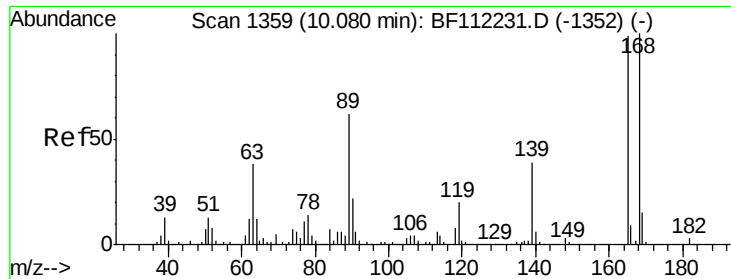
#51
 2,6-Dinitrotoluene
 Concen: 7.124 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112497.D
 Acq: 11 Feb 2019 22:41

Tgt Ion:165 Resp: 28288
 Ion Ratio Lower Upper
 165 100
 63 1.3 33.8 50.8#
 89 1.5 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

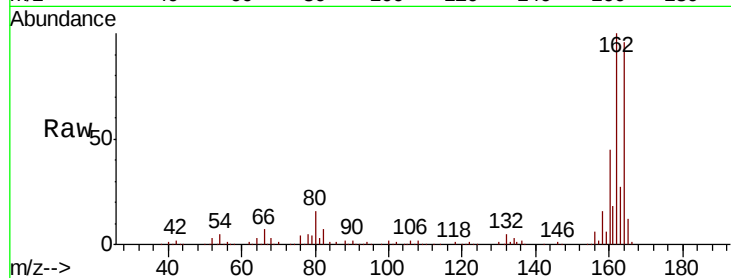




#57
2,4-Dinitrotoluene
Concen: 5.596 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Instrument :
BNA_F
ClientSampleId :
COMP-10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28288		
63	1.3	27.9	41.9#	
89	1.5	47.9	71.9#	
182	0.0	2.2	3.4#	



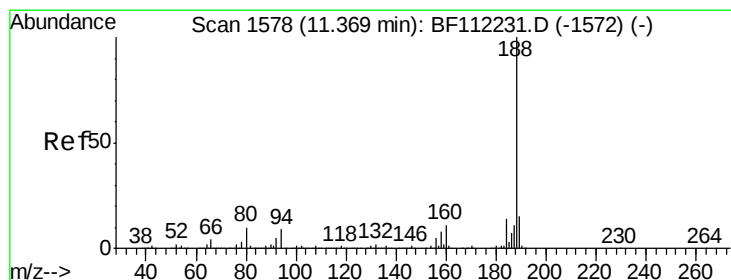
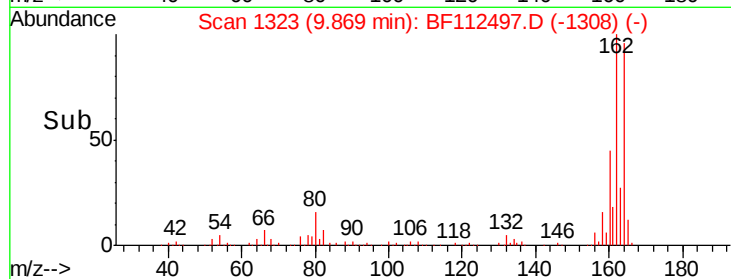
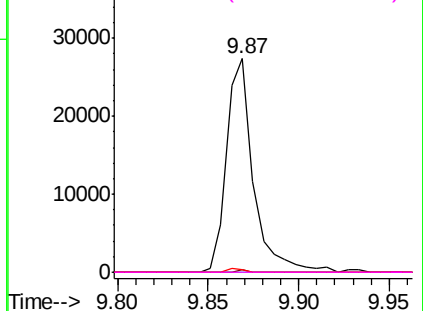
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

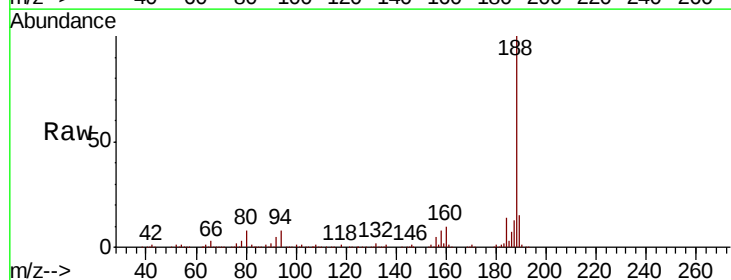
Ion 89.00 (88.70 to 89.70): BF1

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: BF112497.D
Acq: 11 Feb 2019 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	362508		
94	8.2	8.2	12.2	
80	8.1	8.9	13.3#	

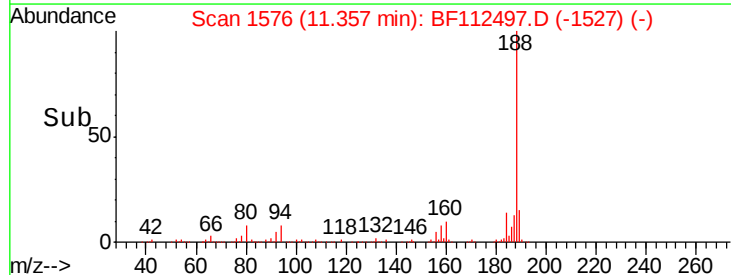
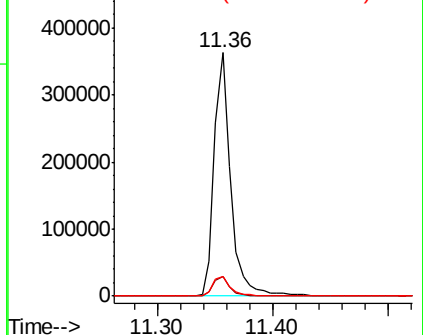


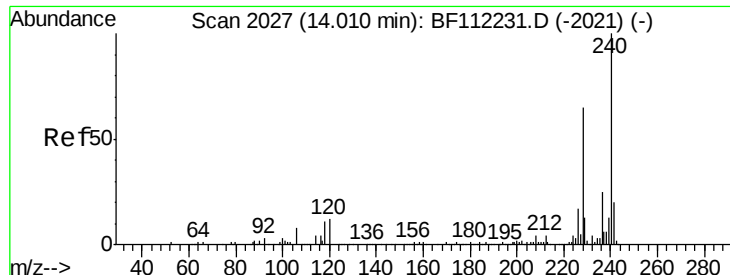
Abundance

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

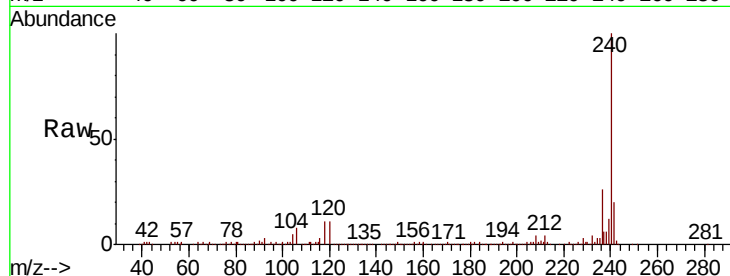




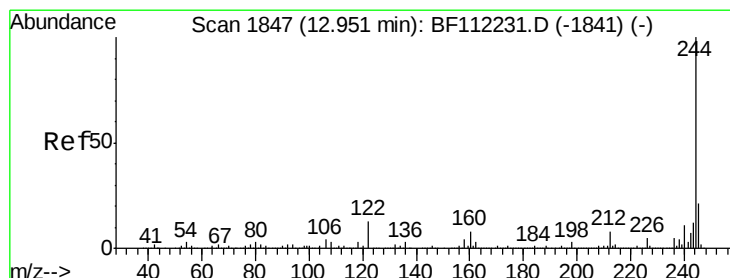
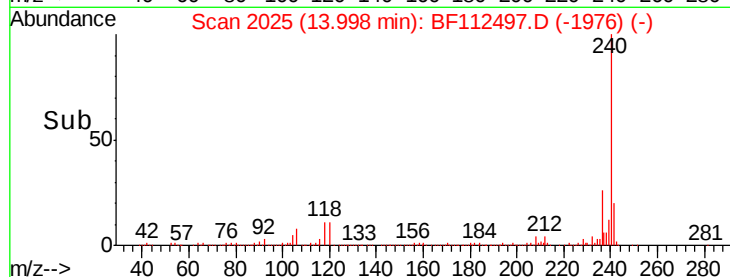
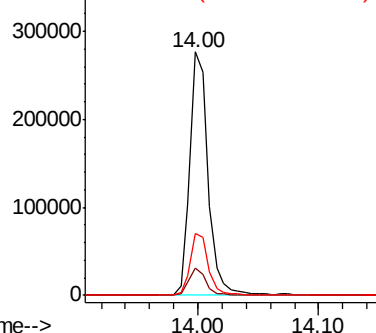
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Instrument :
BNA_F
ClientSampleId :
COMP-10

Tgt Ion:240 Resp: 288688
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 25.7 20.7 31.1

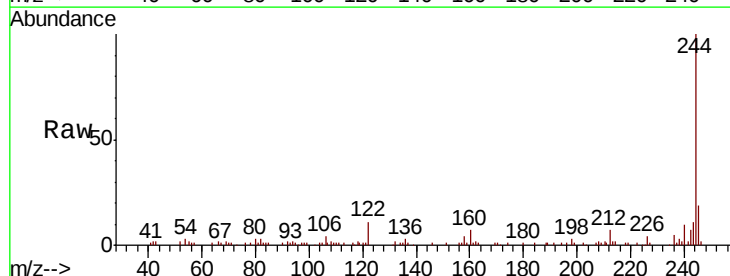


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

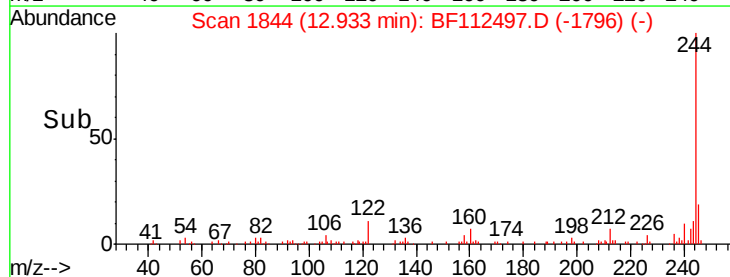
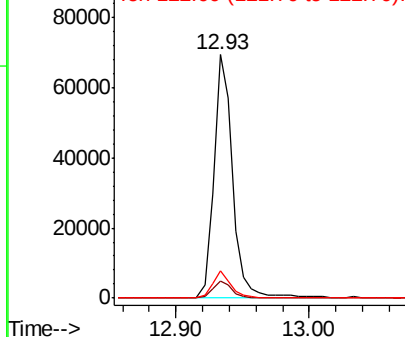


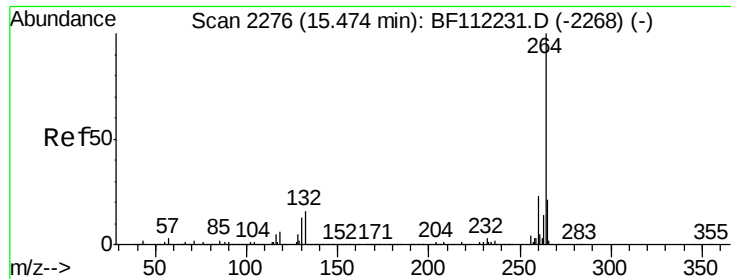
#79
Terphenyl-d14
Concen: 4.474 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112497.D
Acq: 11 Feb 2019 22:41

Tgt Ion:244 Resp: 68577
Ion Ratio Lower Upper
244 100
212 6.9 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: BF112497.D
Acq: 11 Feb 2019 22:41

Instrument :
BNA_F
ClientSampleId :
COMP-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	22.2	17.0	25.4

