

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112499.D
 Acq On : 11 Feb 2019 23:35
 Operator : JU/SJ
 Sample : K1442-06 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Quant Time: Feb 12 00:03:46 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

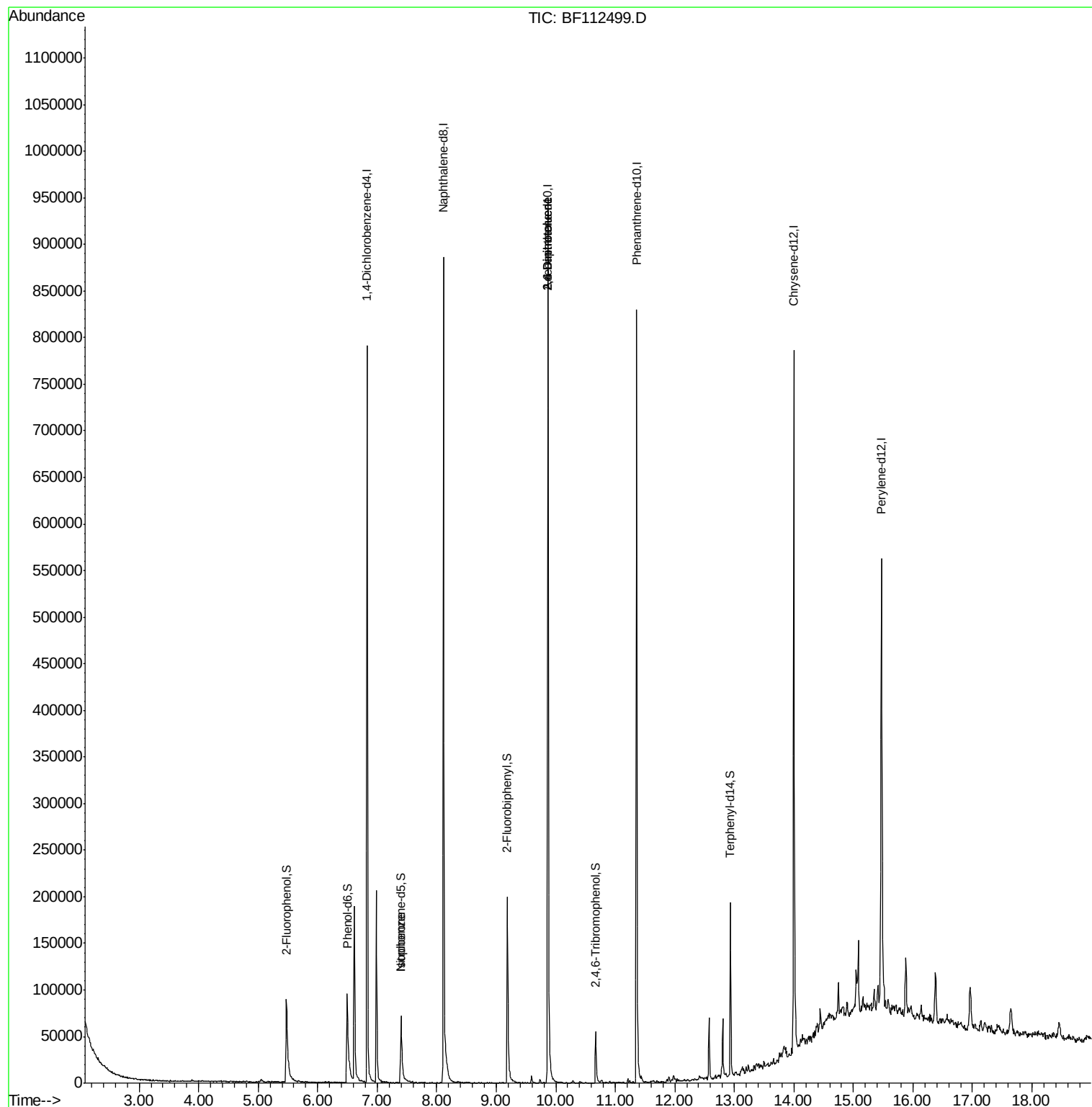
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	132898	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	530146	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	224987	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	349886	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	285380	20.00	ng	0.00
87) Perylene-d12	15.47	264	244386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	57940	9.26	ng	0.00
7) Phenol-d6	6.49	99	80394	9.25	ng	0.00
23) Nitrobenzene-d5	7.40	82	45193	4.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	11197	4.28	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	97062	6.10	ng	-0.02
79) Terphenyl-d14	12.93	244	64267	4.24	ng	-0.02
Target Compounds						
25) Isophorone	7.40	82	45193	3.131	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	28630	7.313	ng	# 33
57) 2,4-Dinitrotoluene	9.87	165	28631	5.745	ng	# 31

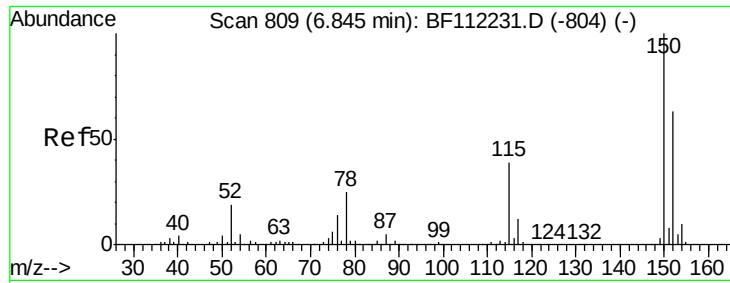
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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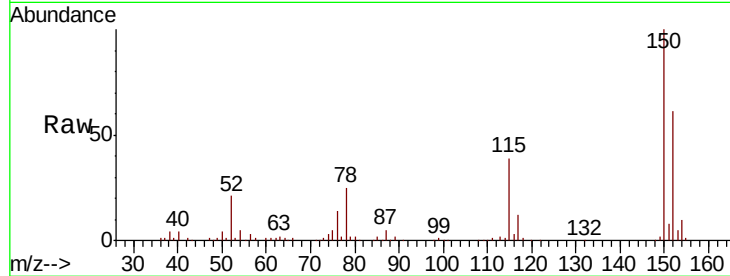


#1

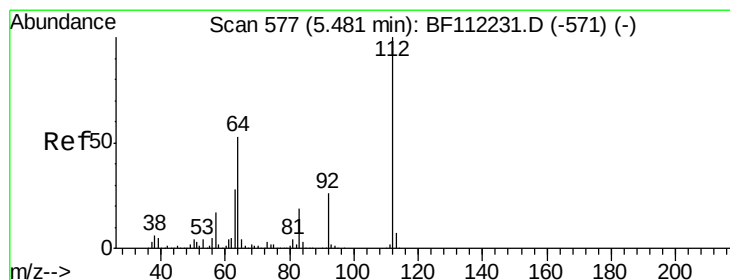
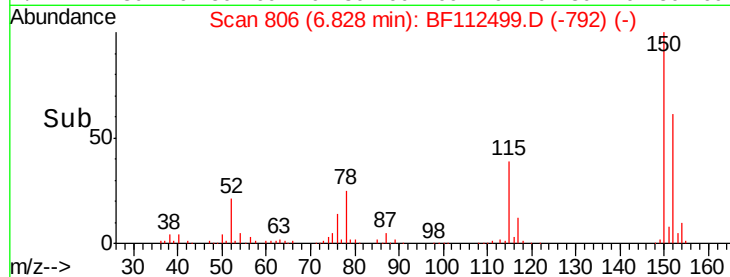
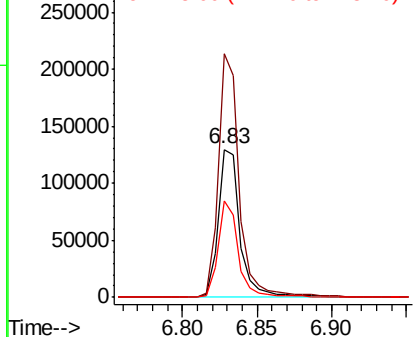
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112499.D
Acq: 11 Feb 2019 23:35

Instrument :
BNA_F
ClientSampleId :
COMP-12

Tgt Ion:152 Resp: 132898
Ion Ratio Lower Upper
152 100
150 164.2 127.4 191.0
115 64.7 45.5 68.3



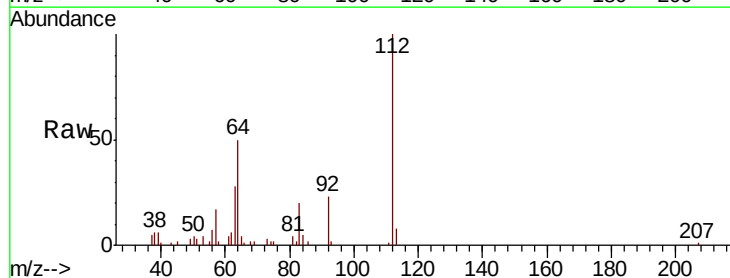
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



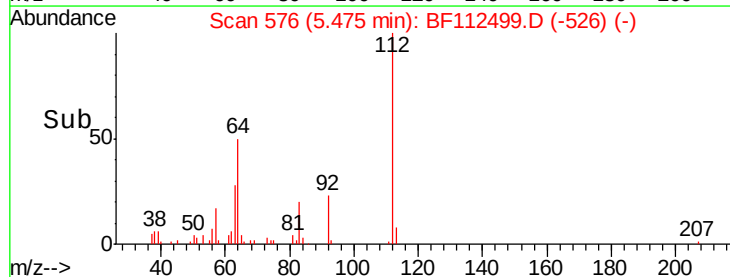
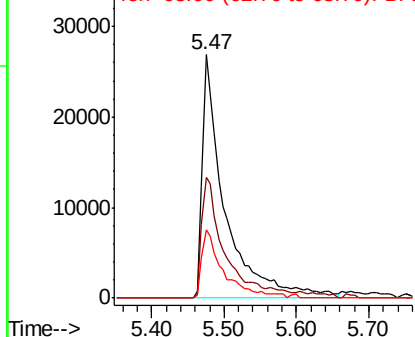
#5

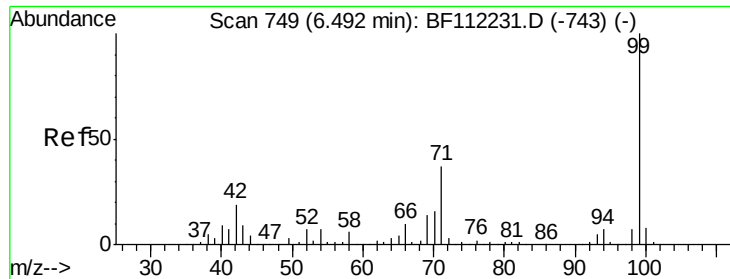
2-Fluorophenol
Concen: 9.260 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112499.D
Acq: 11 Feb 2019 23:35

Tgt Ion:112 Resp: 57940
Ion Ratio Lower Upper
112 100
64 49.6 45.7 68.5
63 28.2 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: 9.247 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112499.D

Acq: 11 Feb 2019 23:35

Instrument :

BNA_F

ClientSampleId :

COMP-12

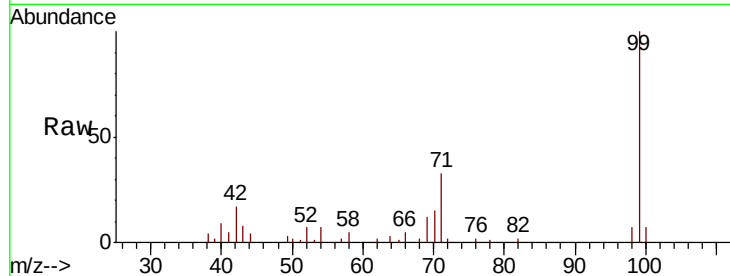
Tgt Ion: 99 Resp: 80394

Ion Ratio Lower Upper

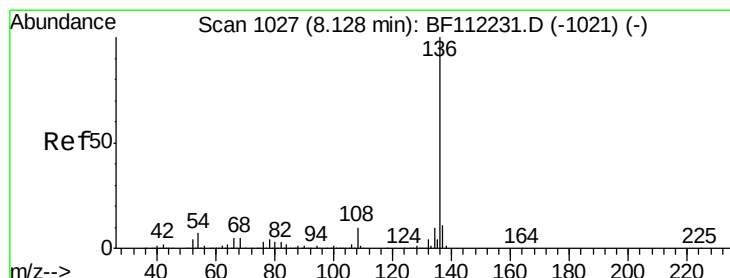
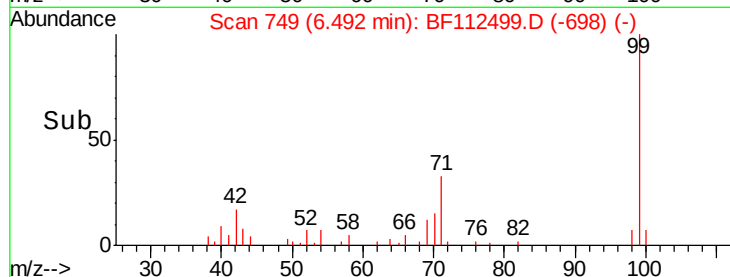
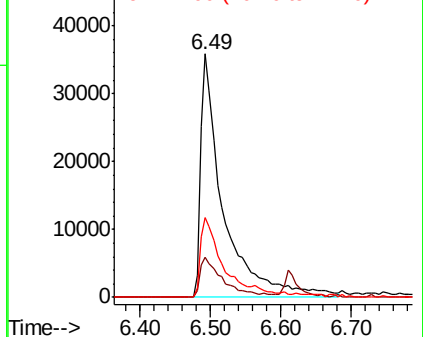
99 100

42 16.5 15.1 22.7

71 32.7 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: BF112499.D

Acq: 11 Feb 2019 23:35

Tgt Ion: 136 Resp: 530146

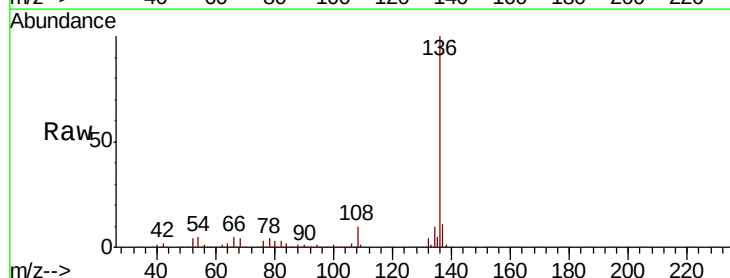
Ion Ratio Lower Upper

136 100

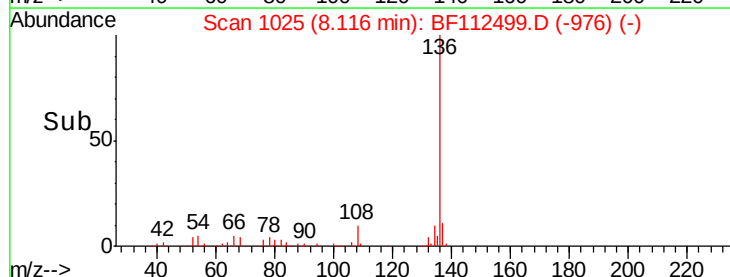
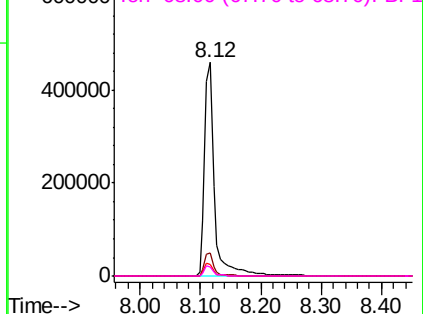
137 10.6 9.1 13.7

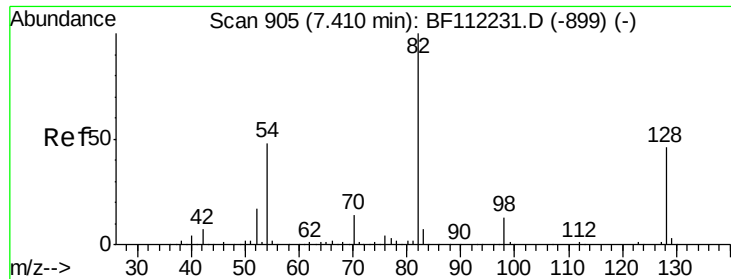
54 5.3 5.9 8.9#

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

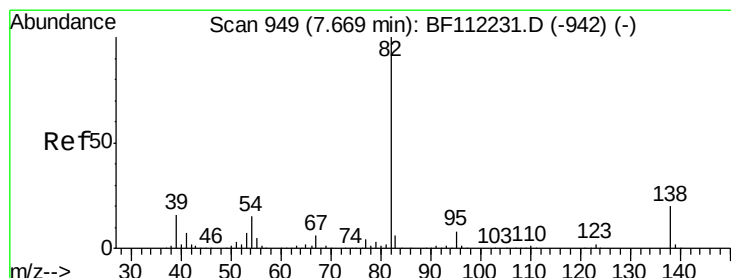
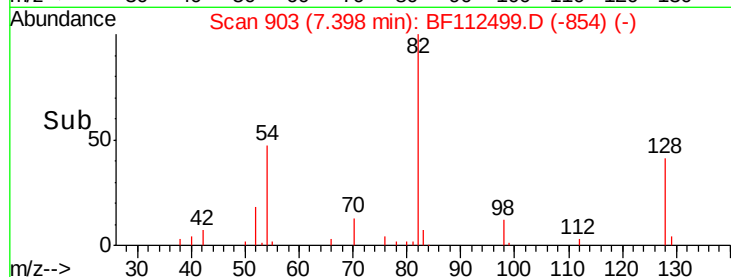
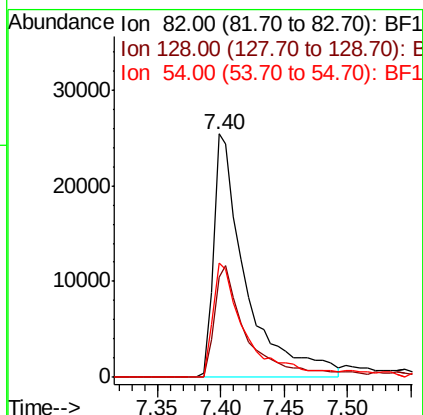
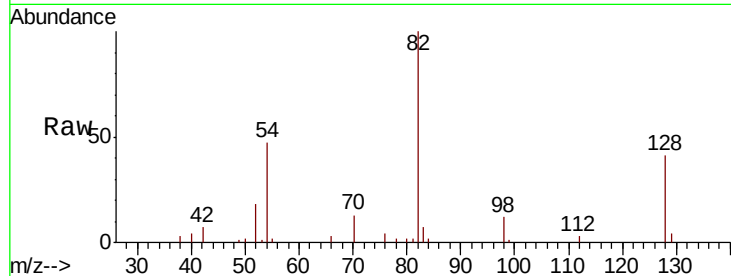




#23
 Nitrobenzene-d5
 Concen: 4.912 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

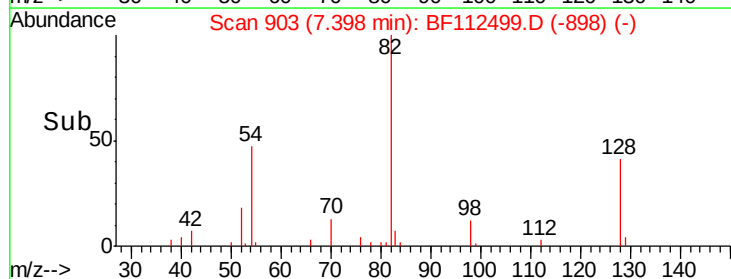
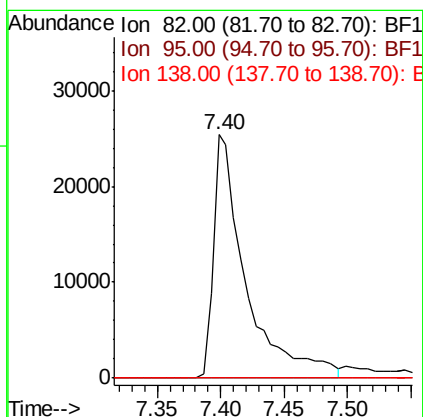
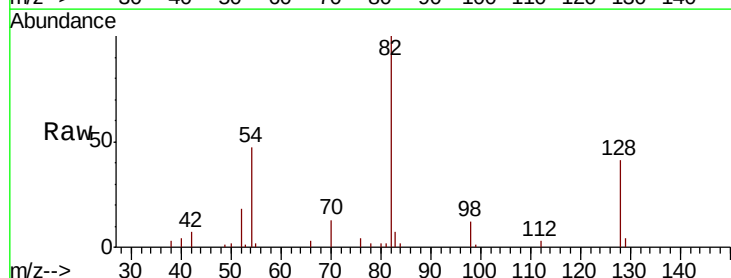
Instrument :
 BNA_F
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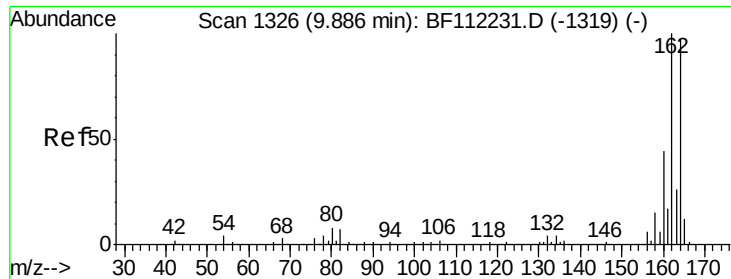
Tgt Ion: 82 Resp: 45193
 Ion Ratio Lower Upper
 82 100
 128 41.0 37.8 56.8
 54 46.8 39.7 59.5



#25
 Isophorone
 Concen: 3.131 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

Tgt Ion: 82 Resp: 45193
 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: BF112499.D

Acq: 11 Feb 2019 23:35

Instrument :

BNA_F

ClientSampleId :

COMP-12

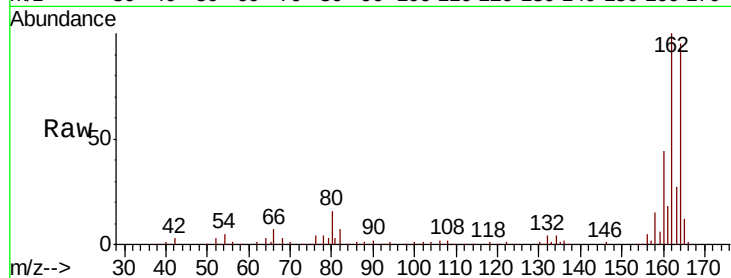
Tgt Ion:164 Resp: 224987

Ion Ratio Lower Upper

164 100

162 105.5 82.2 123.4

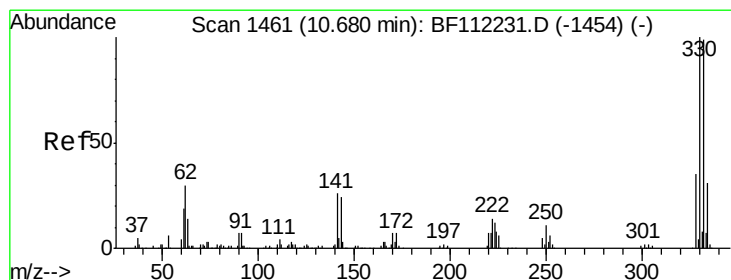
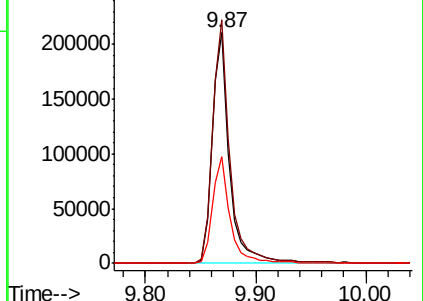
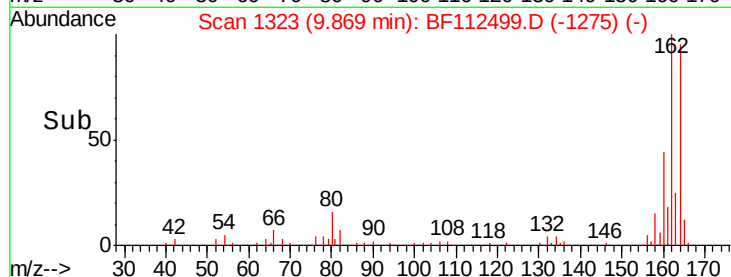
160 46.1 36.2 54.4



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: 4.276 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112499.D

Acq: 11 Feb 2019 23:35

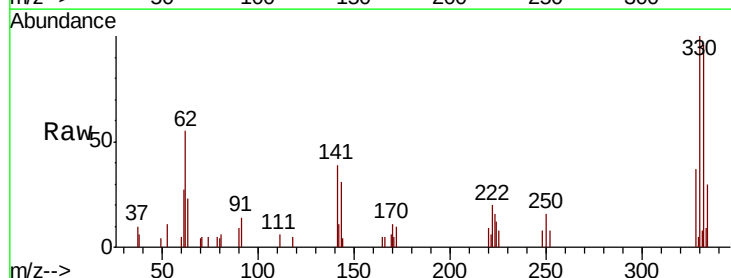
Tgt Ion:330 Resp: 11197

Ion Ratio Lower Upper

330 100

332 103.1 76.6 114.8

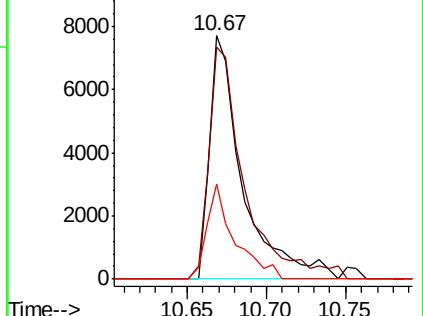
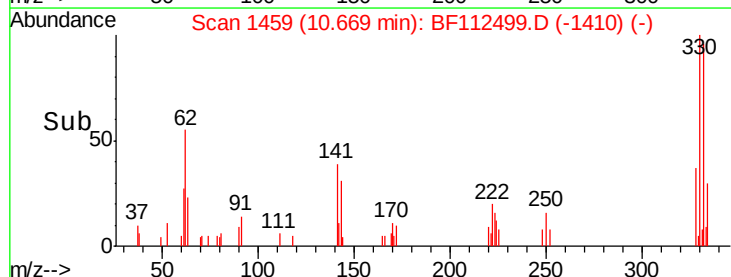
141 33.0 24.3 36.5

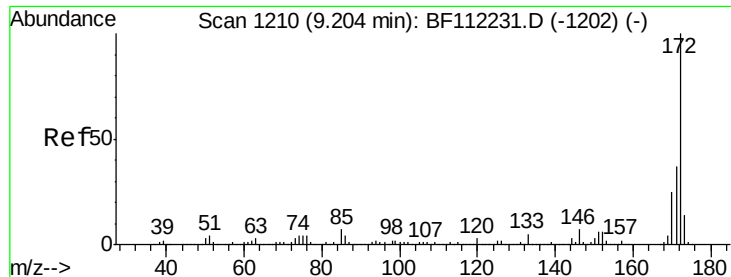


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

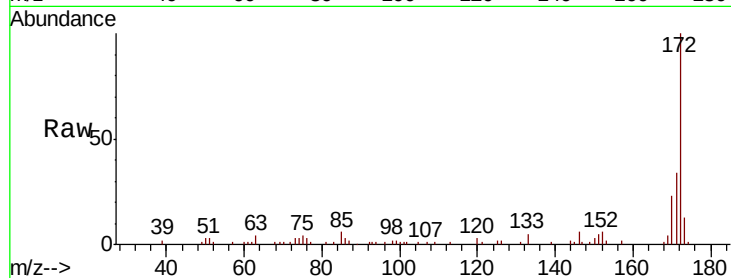




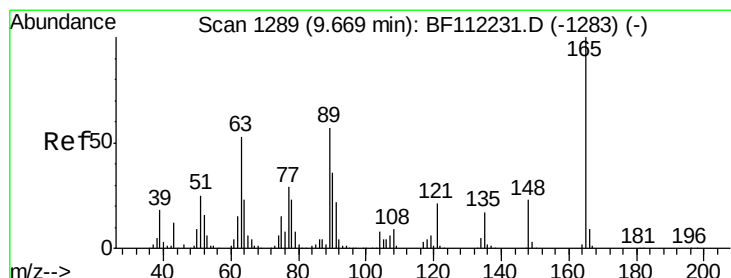
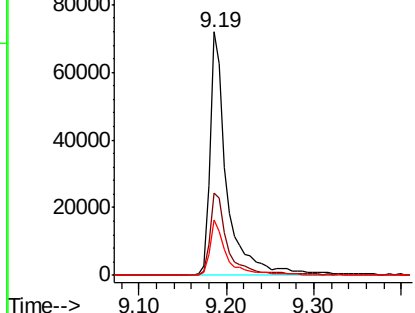
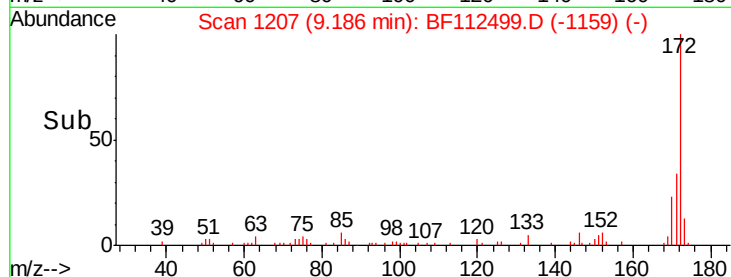
#45
 2-Fluorobiphenyl
 Concen: 6.102 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

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Tgt Ion:172 Resp: 97062
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.5 45.7
 170 23.0 20.2 30.4

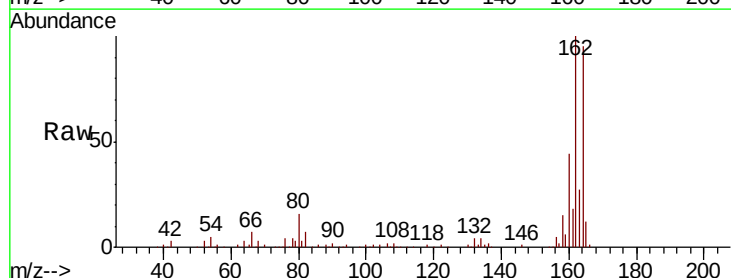


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

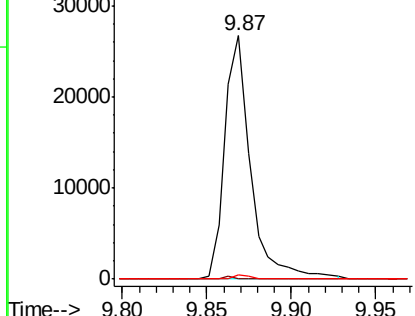
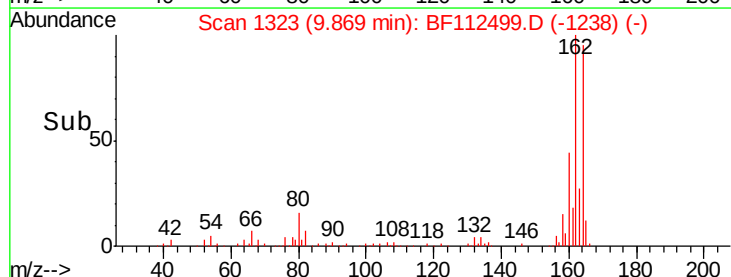


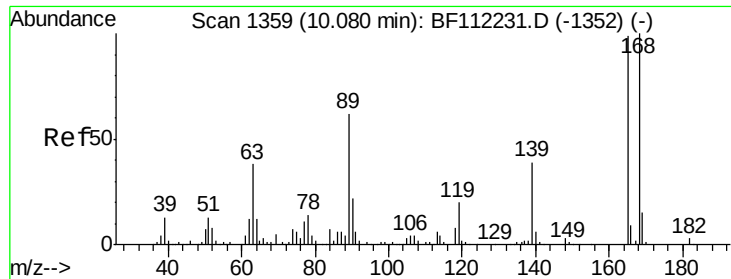
#51
 2,6-Dinitrotoluene
 Concen: 7.313 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112499.D
 Acq: 11 Feb 2019 23:35

Tgt Ion:165 Resp: 28630
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.8#
 89 1.7 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: 5.745 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112499.D

Acq: 11 Feb 2019 23:35

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:165 Resp: 28631

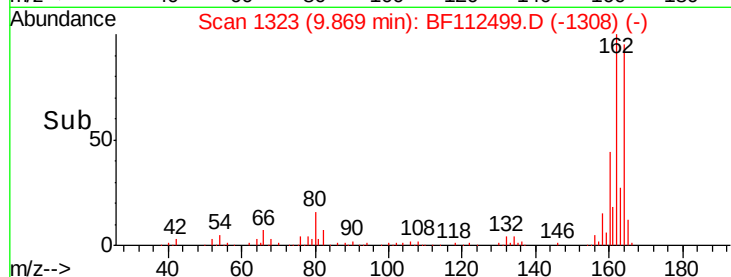
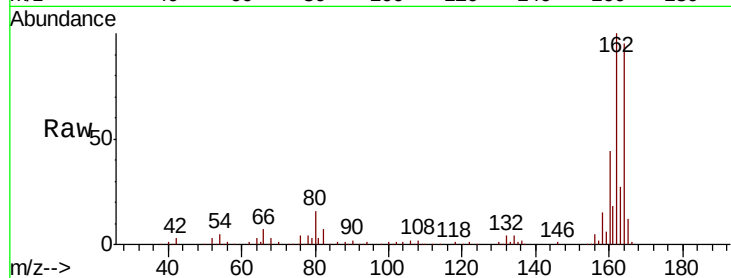
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 1.7 47.9 71.9#

182 0.0 2.2 3.4#

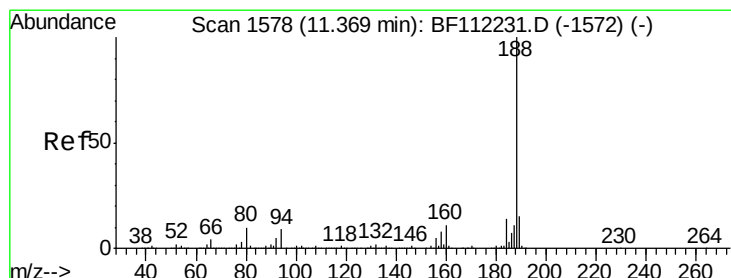
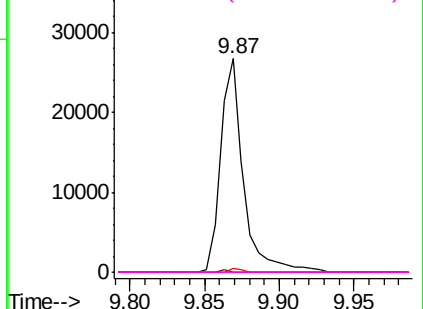


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112499.D

Acq: 11 Feb 2019 23:35

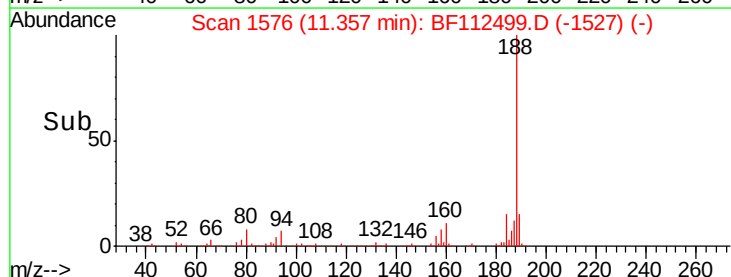
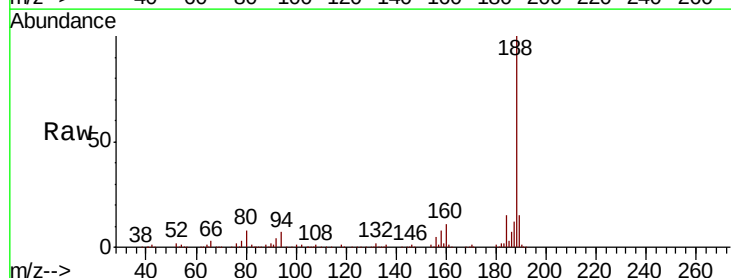
Tgt Ion:188 Resp: 349886

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.2#

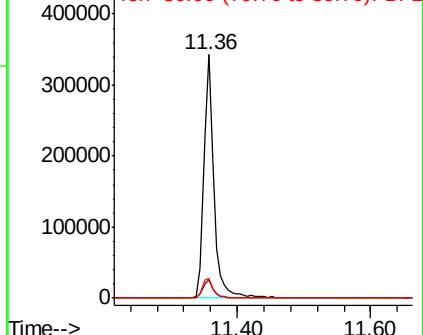
80 8.3 8.9 13.3#

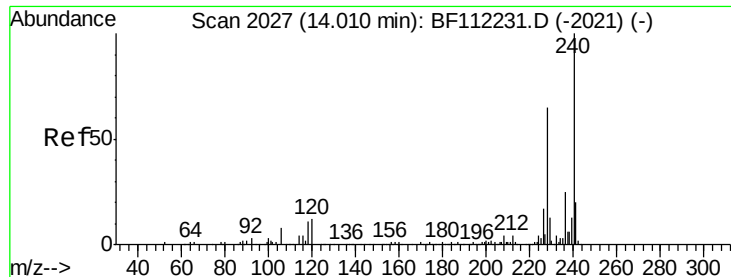


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

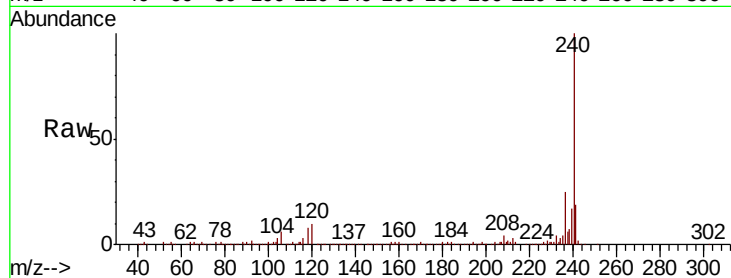




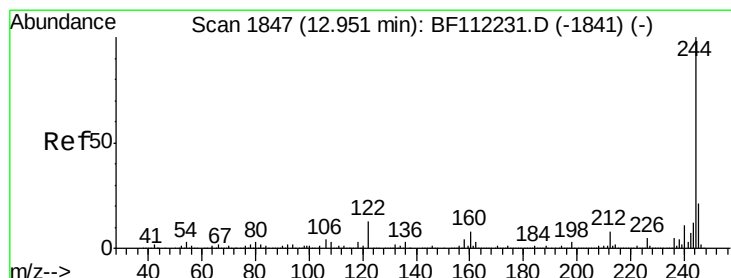
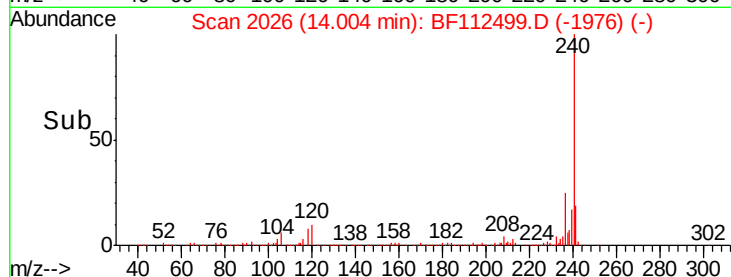
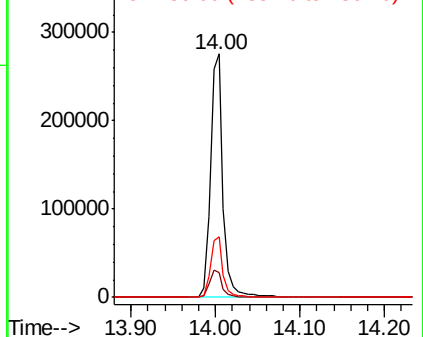
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112499.D
Acq: 11 Feb 2019 23:35

Instrument :
BNA_F
ClientSampleId :
COMP-12

Tgt Ion:240 Resp: 285380
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 24.7 20.7 31.1

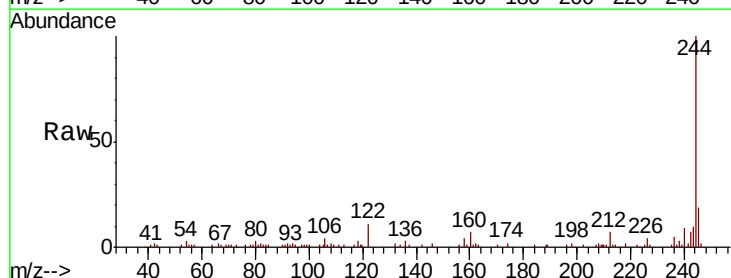


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

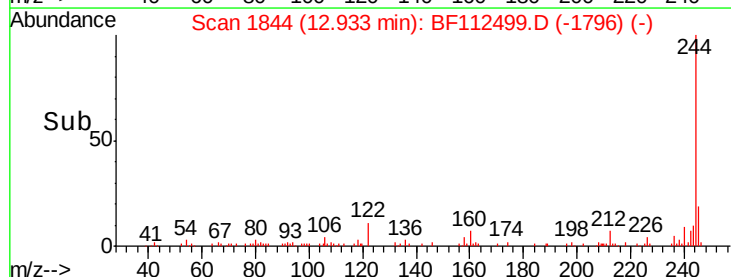
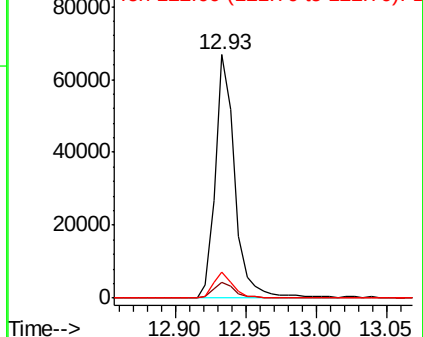


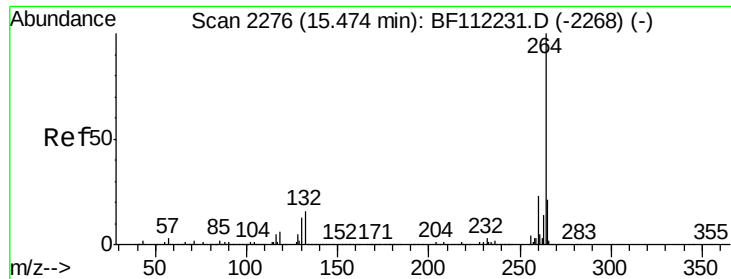
#79
Terphenyl-d14
Concen: 4.241 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112499.D
Acq: 11 Feb 2019 23:35

Tgt Ion:244 Resp: 64267
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.6 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: BF112499.D
Acq: 11 Feb 2019 23:35

Instrument :
BNA_F
ClientSampleId :
COMP-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.2	17.0	25.4

