

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112448.D
 Acq On : 7 Feb 2019 19:49
 Operator : JU/SJ
 Sample : K1390-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-2)

Quant Time: Feb 09 03:54:27 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

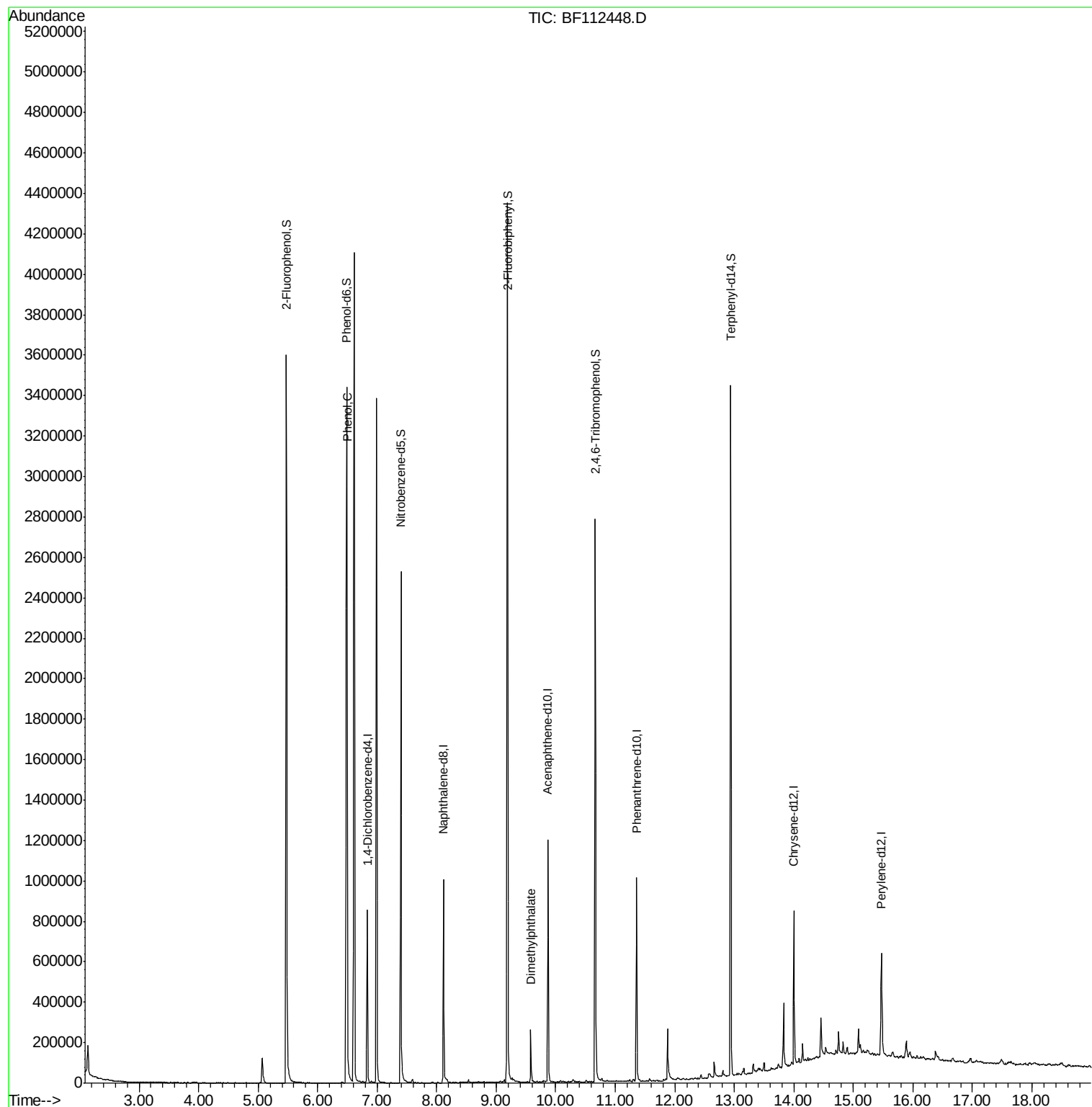
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	131965	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	506689	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	231689	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	381629	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	279851	20.00	ng	0.00
87) Perylene-d12	15.47	264	243966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1084231	174.51	ng	0.00
7) Phenol-d6	6.49	99	1368472	158.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	863005	98.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	351127	130.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1536652	93.80	ng	-0.01
79) Terphenyl-d14	12.94	244	1084308	72.98	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	43558	4.599	ng	86
50) Dimethylphthalate	9.58	163	107242	5.958	ng	98

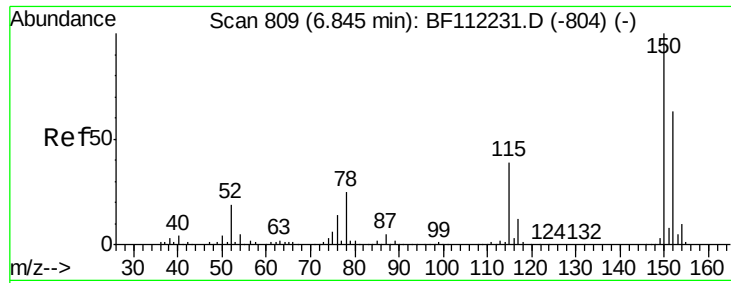
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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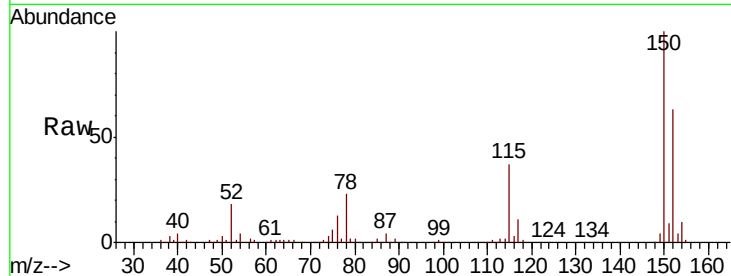


#1

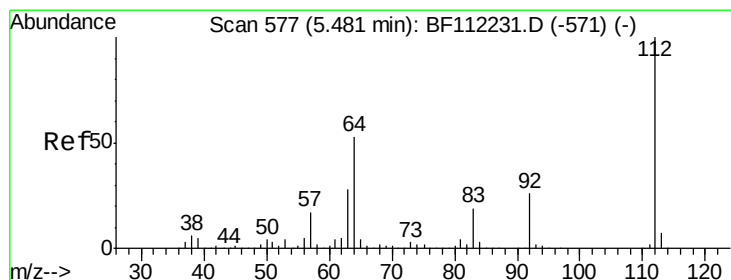
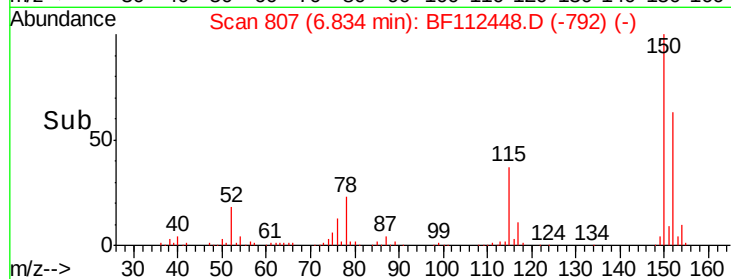
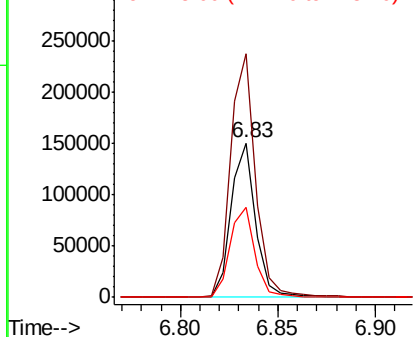
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-2)

Tot Ion:152 Resp: 131965
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 58.0 45.5 68.3



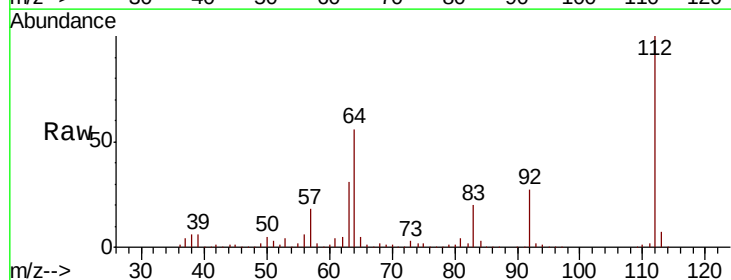
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



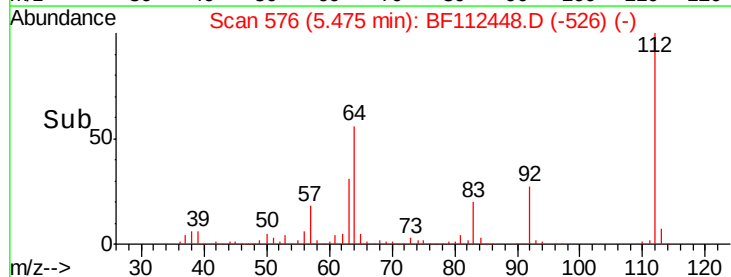
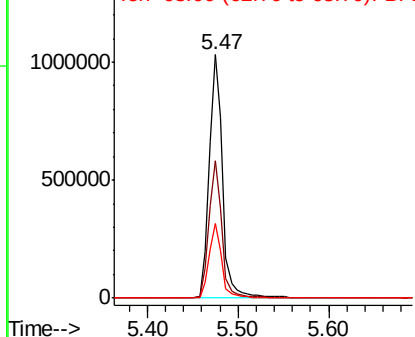
#5

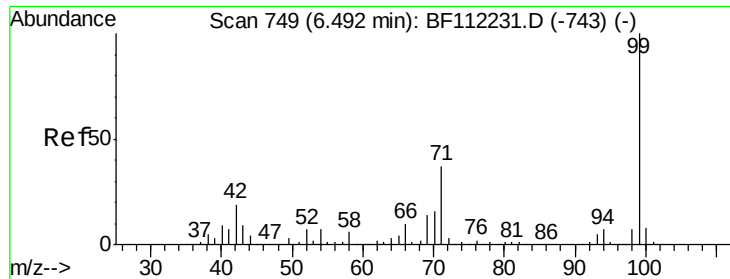
2-Fluorophenol
Concen: 174.514 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Tgt Ion:112 Resp: 1084231
Ion Ratio Lower Upper
112 100
64 56.4 45.7 68.5
63 30.8 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: 158.515 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

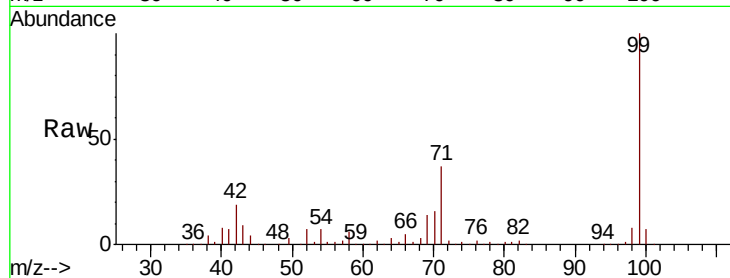
BNA_F

ClientSampleId :

SB-07(0-2)

Tot Ion: 99 Resp: 1368472

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	37.2	26.9	40.3



Abundance

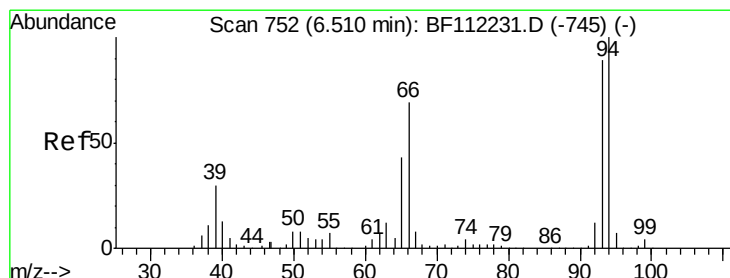
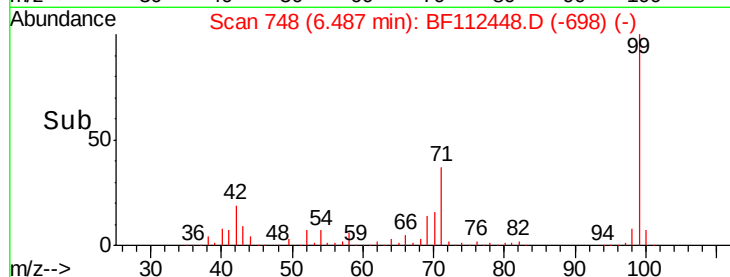
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.49

Time-->



#10

Phenol

Concen: 4.599 ng

RT: 6.50 min Scan# 750

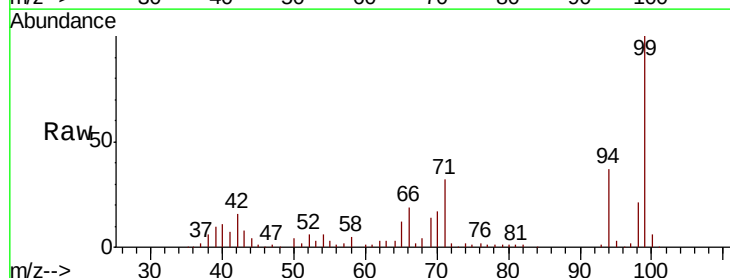
Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Tgt Ion: 94 Resp: 43558

Ion	Ratio	Lower	Upper
94	100		
65	32.3	20.3	60.3
66	50.6	42.4	82.4



Abundance

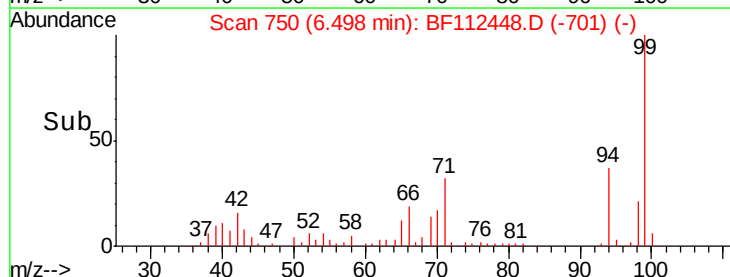
Ion 94.00 (93.70 to 94.70): BF1

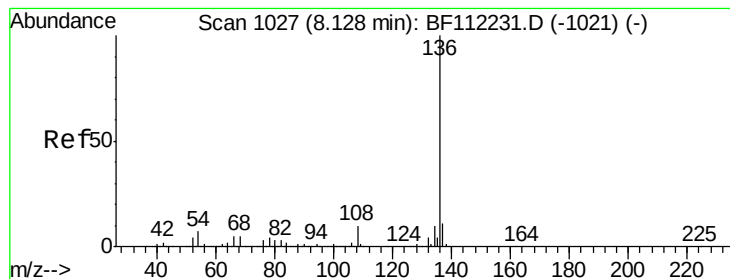
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.50

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SB-07(0-2)

Tot Ion:136 Resp: 506689

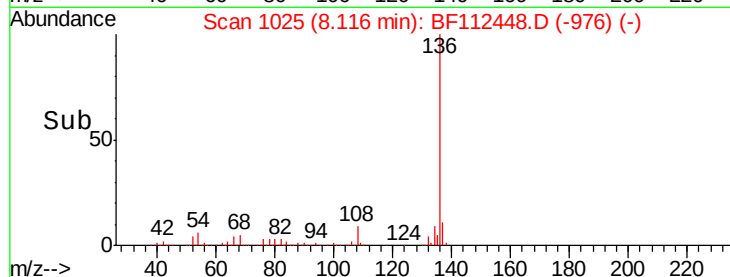
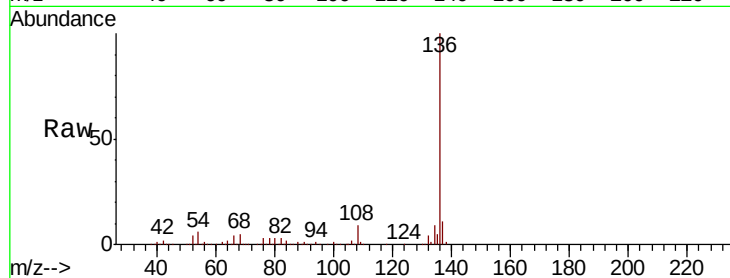
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 5.9 8.9

68 4.5 5.1 7.7#

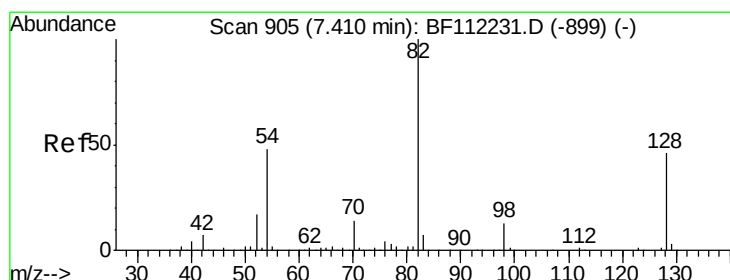
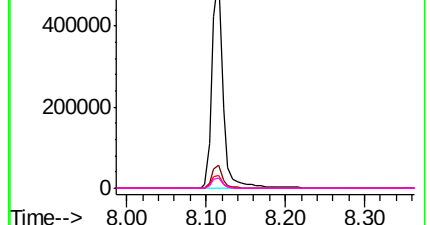


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.139 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

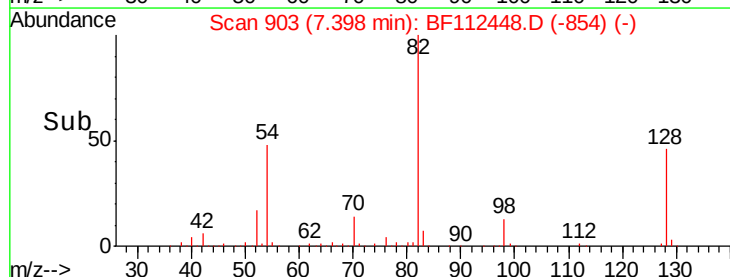
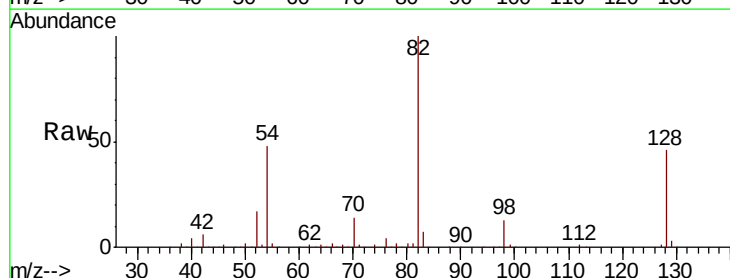
Tgt Ion: 82 Resp: 863005

Ion Ratio Lower Upper

82 100

128 46.3 37.8 56.8

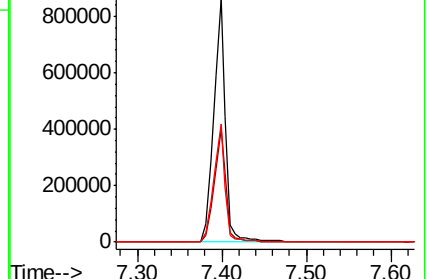
54 48.4 39.7 59.5

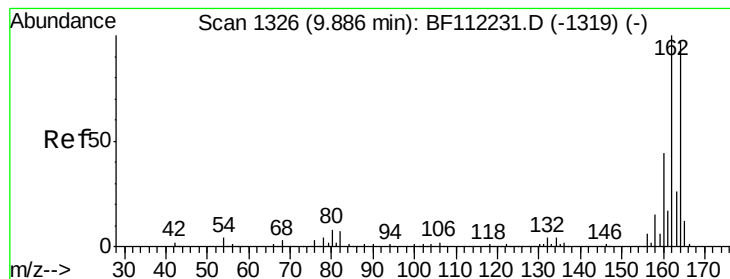


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SB-07(0-2)

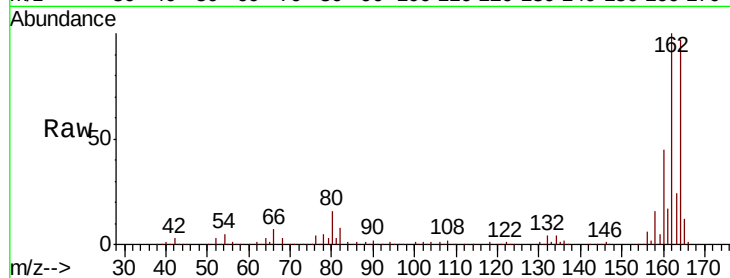
Tot Ion:164 Resp: 231689

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.4

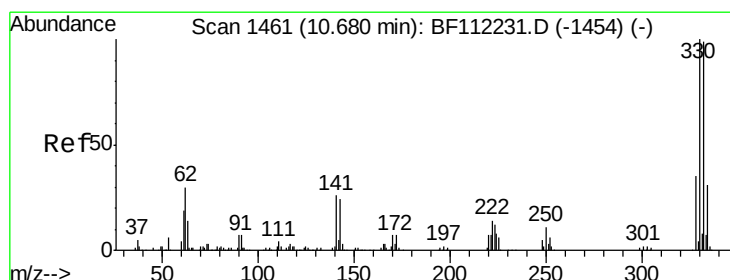
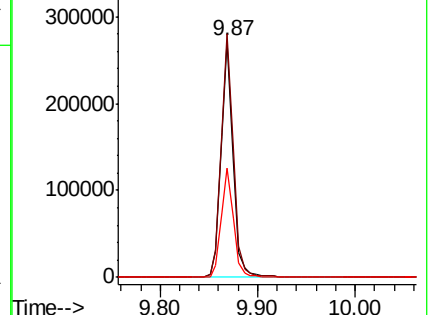
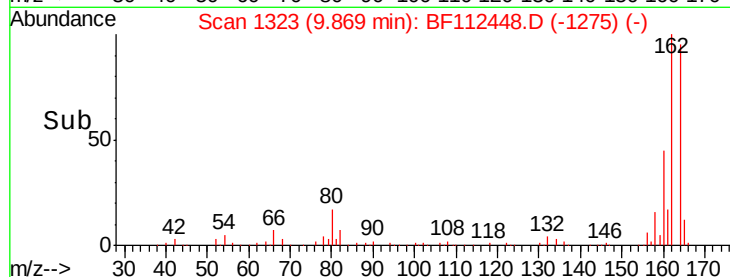
160 46.2 36.2 54.4



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: 130.202 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

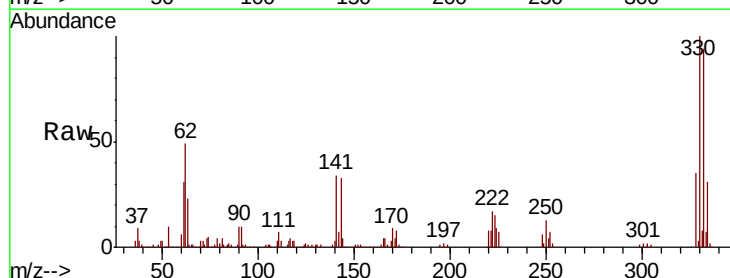
Tgt Ion:330 Resp: 351127

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

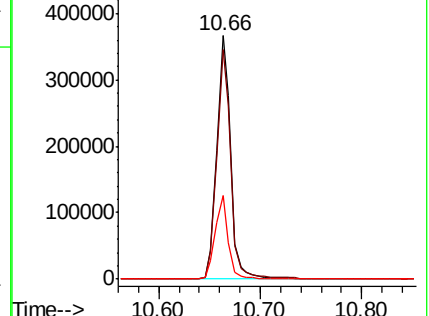
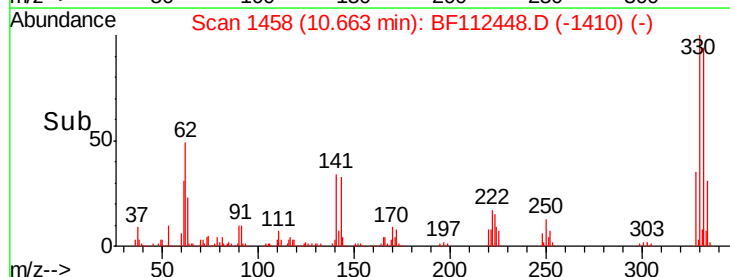
141 32.6 24.3 36.5

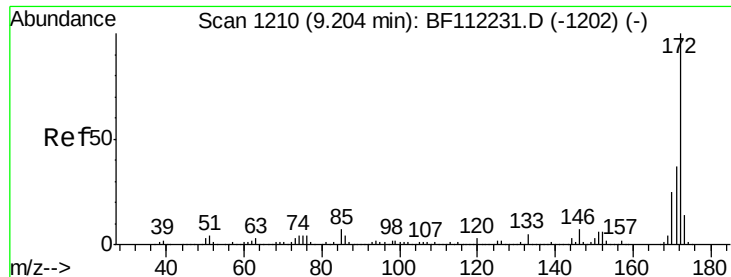


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

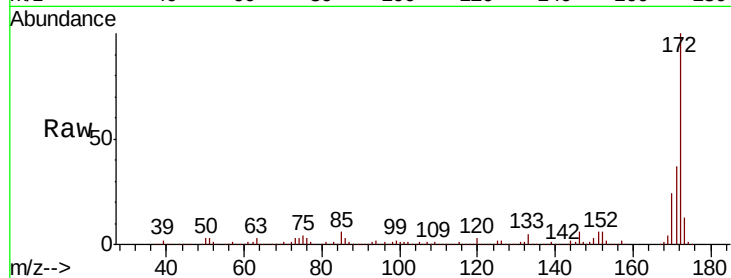




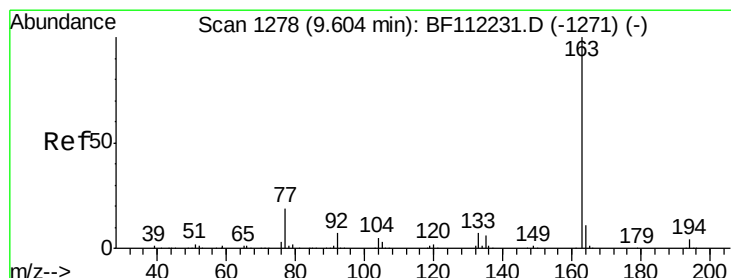
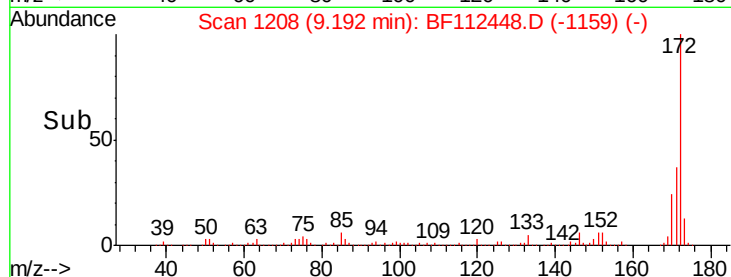
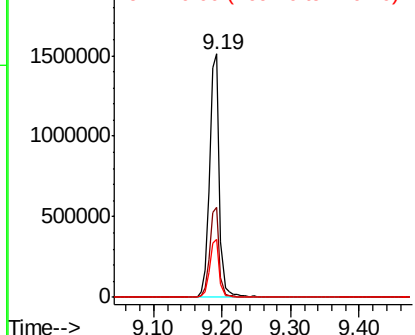
#45
2-Fluorobiphenyl
Concen: 93.804 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-2)

Tot Ion:172 Resp: 1536652
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.1 20.2 30.4

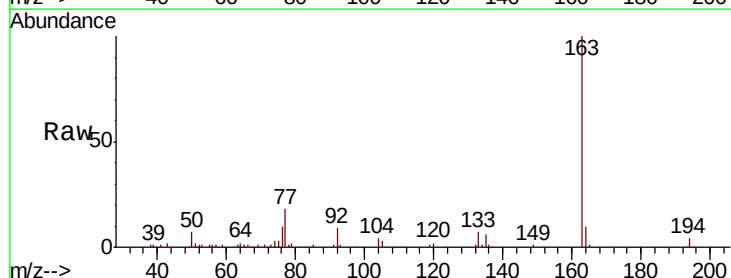


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

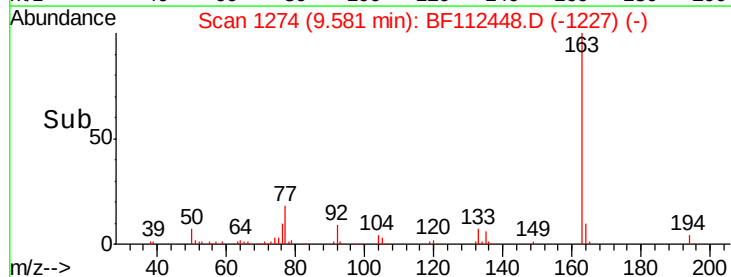
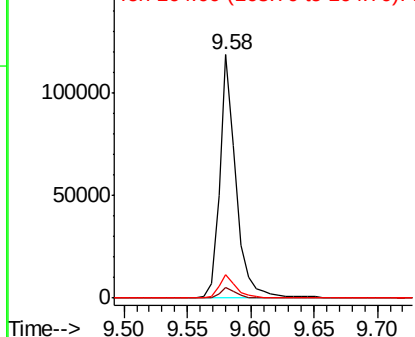


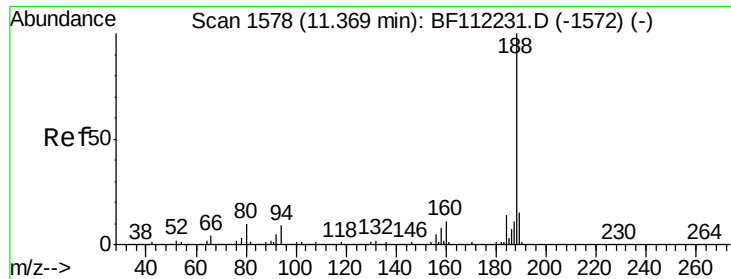
#50
Dimethylphthalate
Concen: 5.958 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112448.D
Acq: 7 Feb 2019 19:49

Tgt Ion:163 Resp: 107242
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

Instrument :

BNA_F

ClientSampled :

SB-07(0-2)

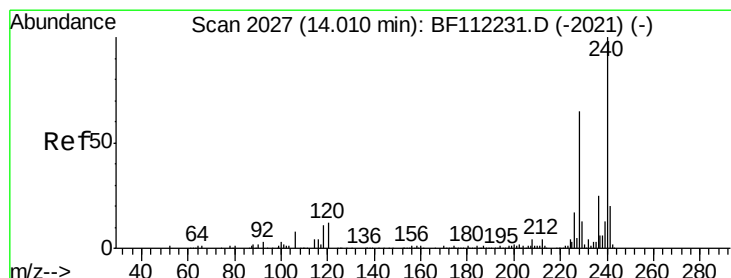
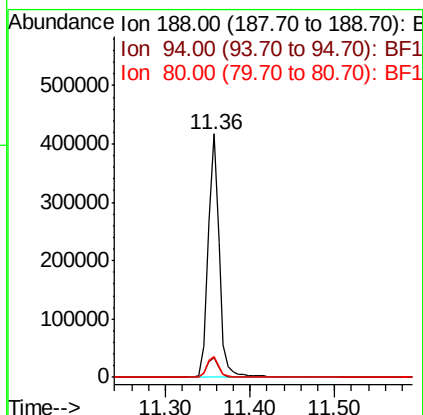
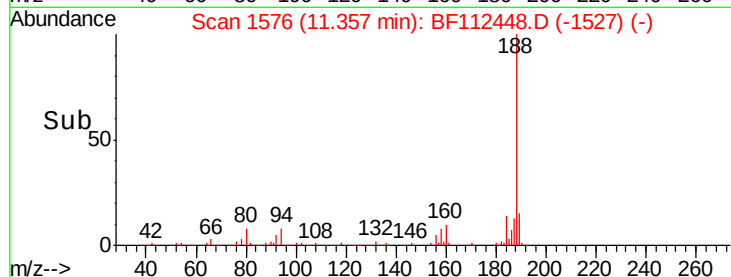
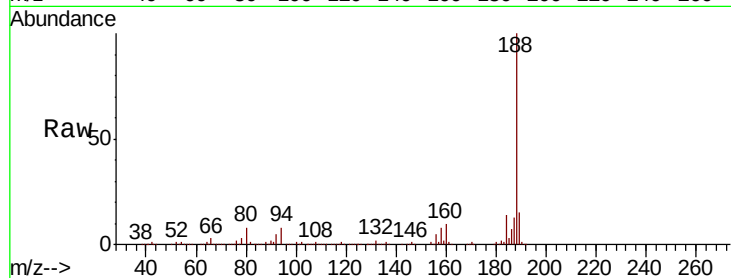
Tot Ion:188 Resp: 381629

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

80 8.5 8.9 13.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112448.D

Acq: 7 Feb 2019 19:49

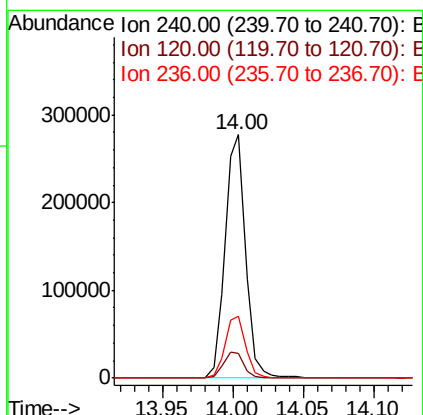
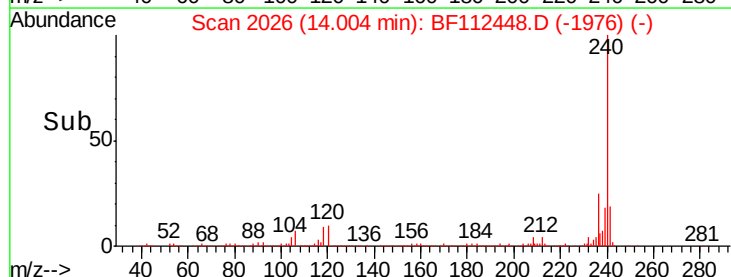
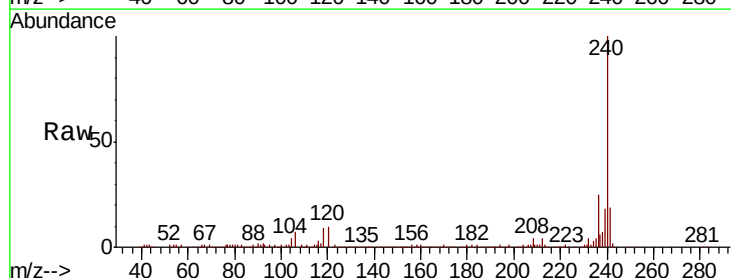
Tgt Ion:240 Resp: 279851

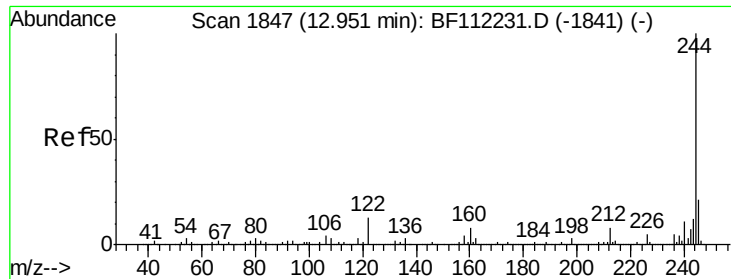
Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

236 25.2 20.7 31.1

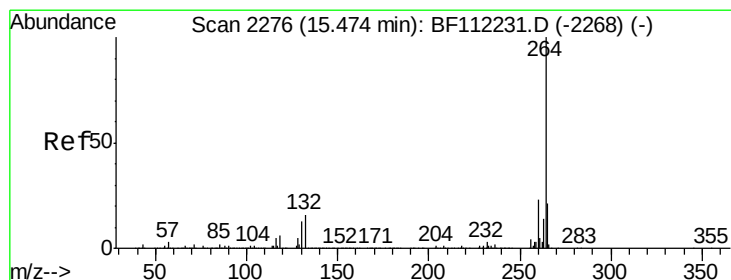
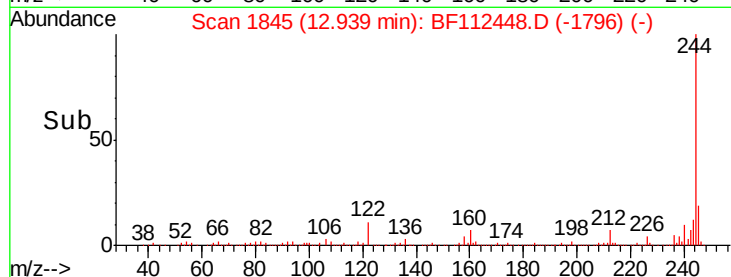
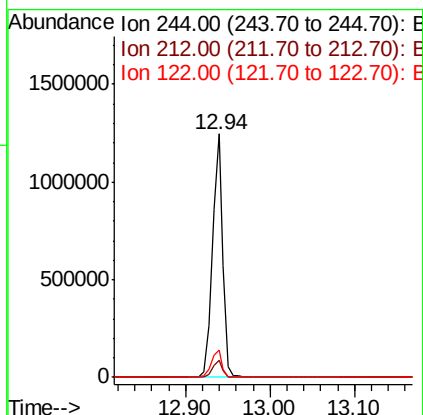
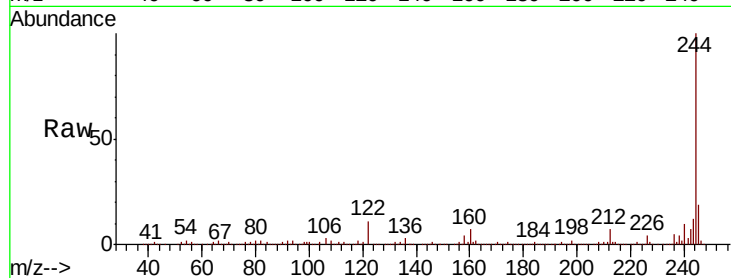




#79
 Terphenyl-d14
 Concen: 72.976 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112448.D
 Acq: 7 Feb 2019 19:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-2)

Tot Ion:244 Resp: 1084308
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112448.D
 Acq: 7 Feb 2019 19:49

Tgt Ion:264 Resp: 243966
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 21.5 17.0 25.4

