

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112618.D
 Acq On : 19 Feb 2019 13:54
 Operator : JU/SJ
 Sample : K1515-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Quant Time: Feb 19 16:36:35 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

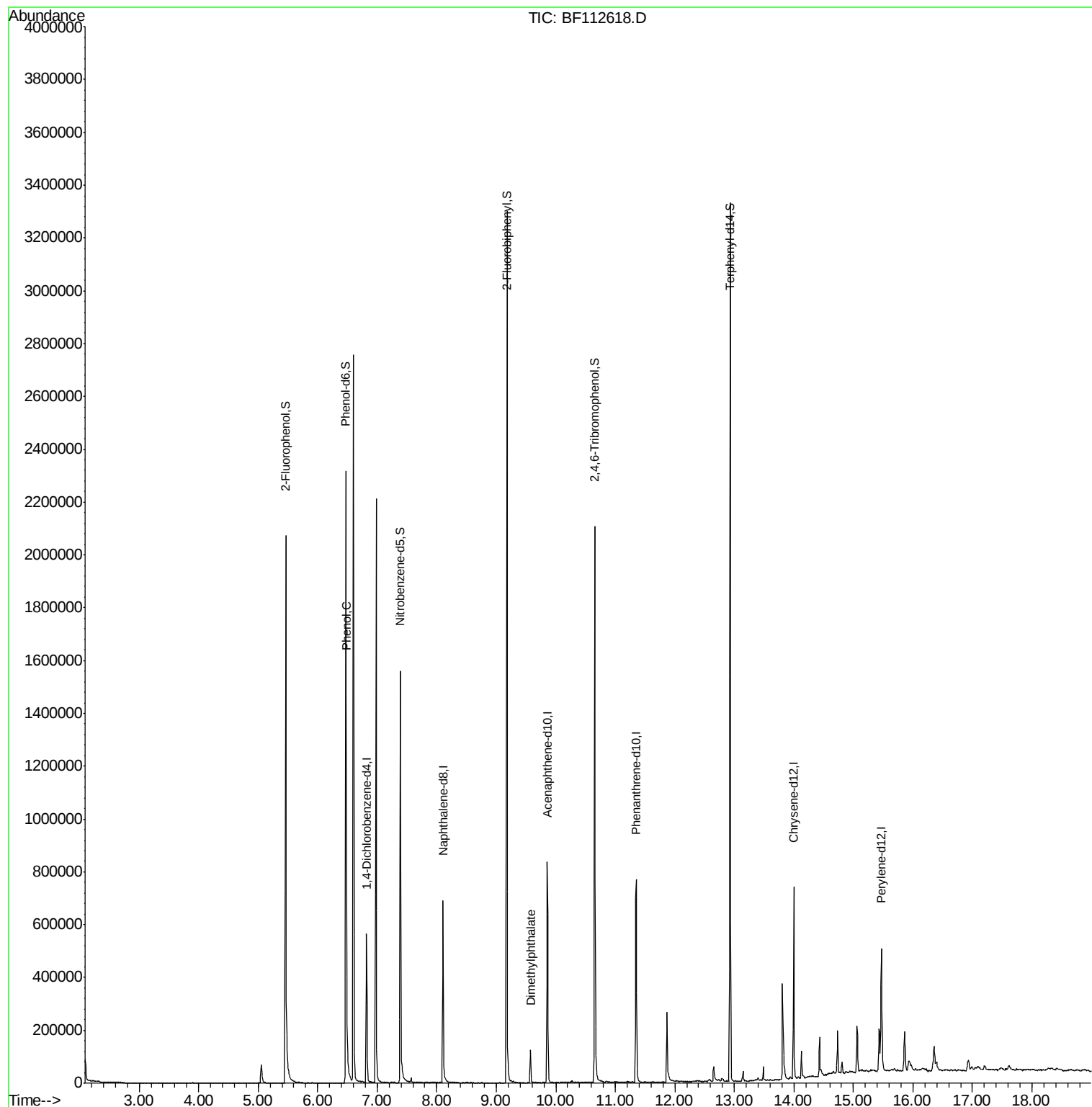
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	90088	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	349756	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	172115	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	323698	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	248546	20.00	ng	-0.01
87) Perylene-d12	15.47	264	234608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	686563	161.88	ng	-0.02
7) Phenol-d6	6.47	99	852421	144.64	ng	-0.02
23) Nitrobenzene-d5	7.39	82	559684	92.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	280210	139.87	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1121524	92.16	ng	-0.02
79) Terphenyl-d14	12.93	244	1149826	87.13	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	16619	2.570	ng	86
50) Dimethylphthalate	9.57	163	58588	4.381	ng	98

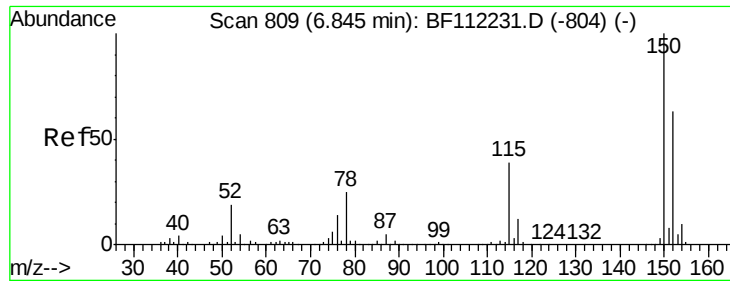
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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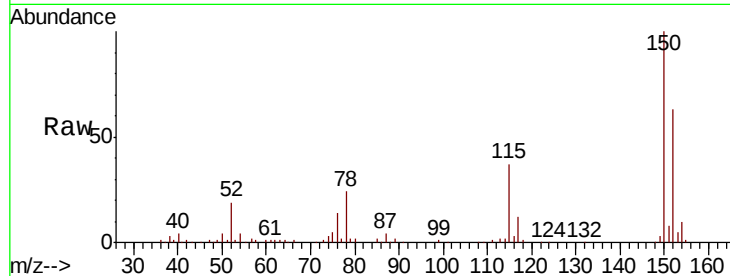


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF112618.D
 Acq: 19 Feb 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.4	191.0
115	58.5	45.5	68.3

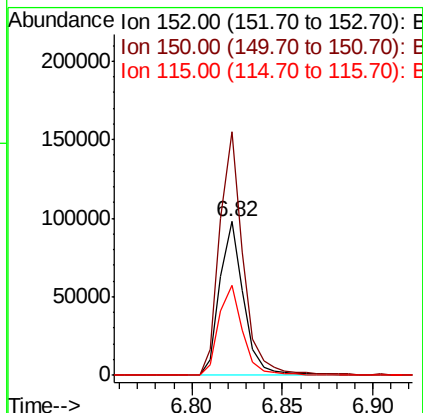
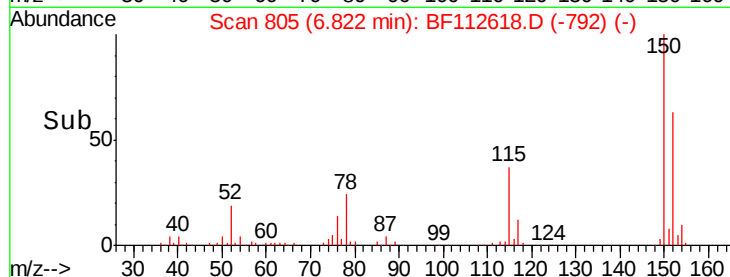


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

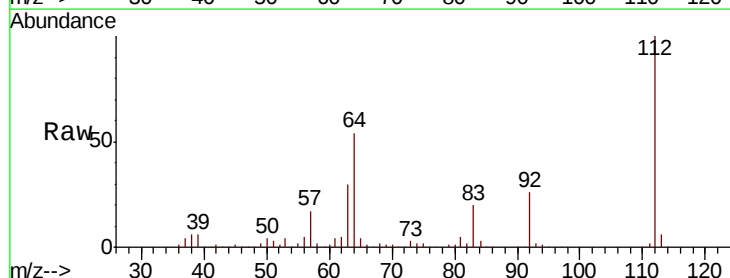
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 161.876 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112618.D
 Acq: 19 Feb 2019 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.7	68.5
63	30.0	23.6	35.4

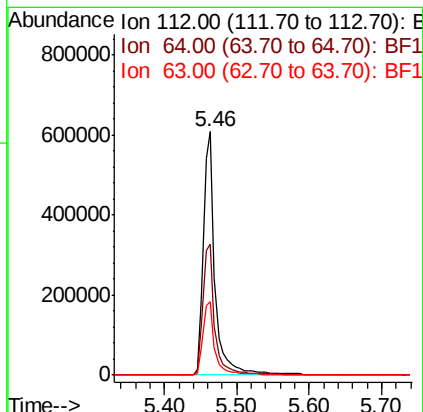
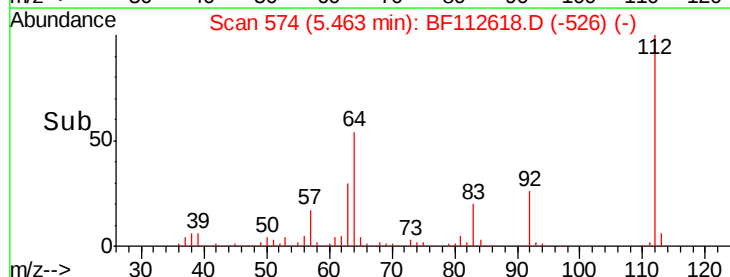


Abundance

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: 144.637 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112618.D

Acq: 19 Feb 2019 13:54

Instrument :

BNA_F

ClientSampleId :

TS-1

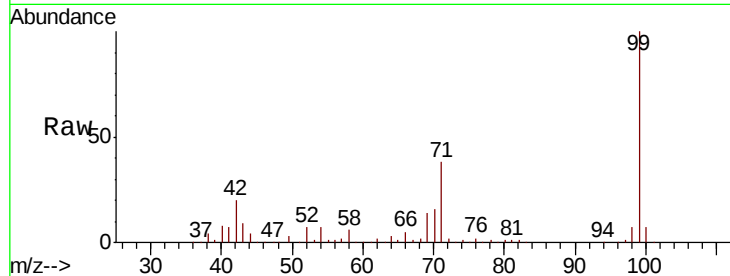
Tot Ion: 99 Resp: 852421

Ion Ratio Lower Upper

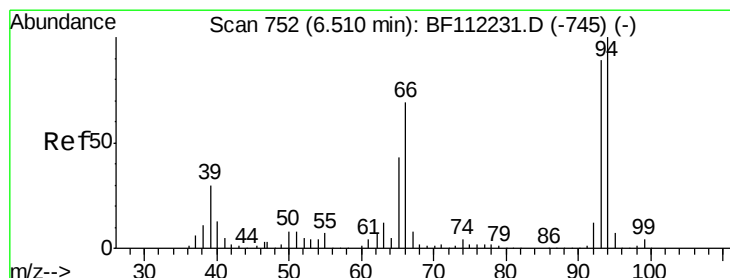
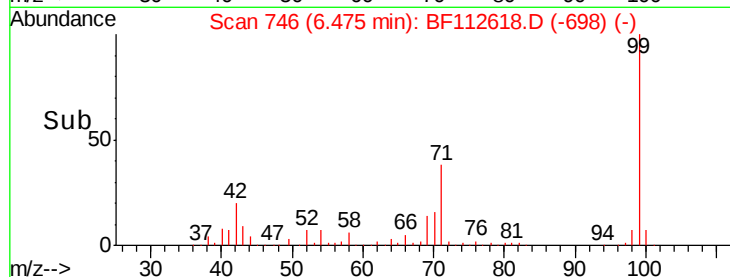
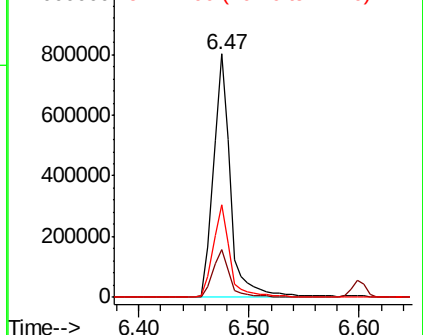
99 100

42 19.6 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



#10

Phenol

Concen: 2.570 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112618.D

Acq: 19 Feb 2019 13:54

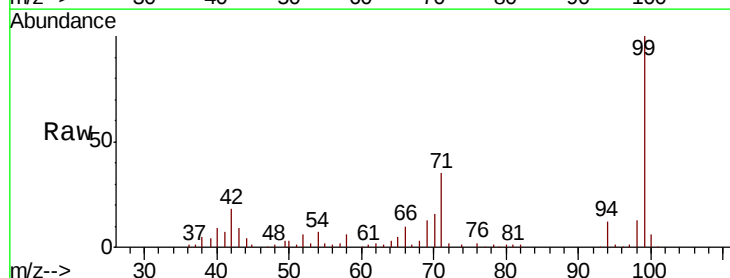
Tgt Ion: 94 Resp: 16619

Ion Ratio Lower Upper

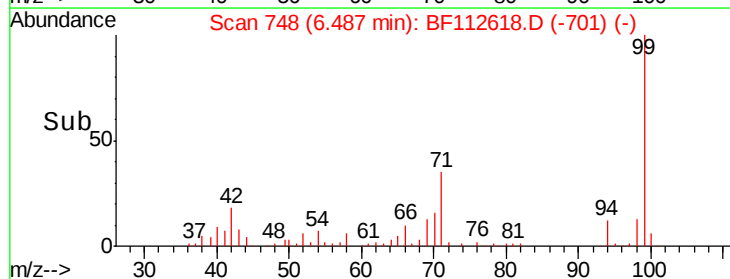
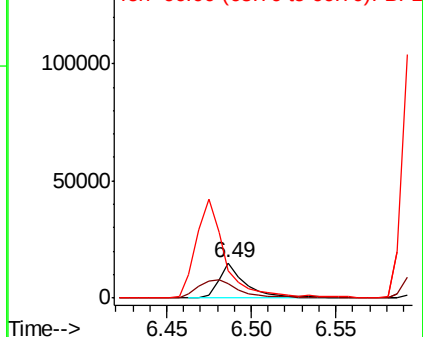
94 100

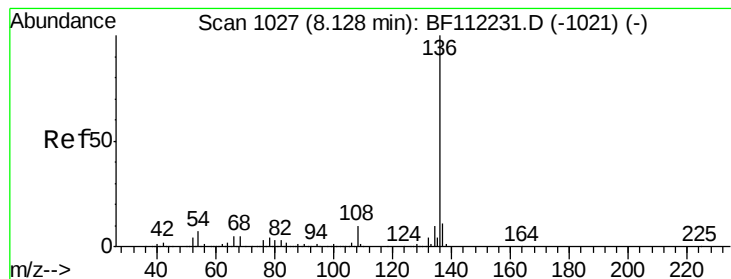
65 41.3 20.3 60.3

66 79.0 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112618.D

Acq: 19 Feb 2019 13:54

Instrument :

BNA_F

ClientSampleId :

TS-1

Tot Ion:136 Resp: 349756

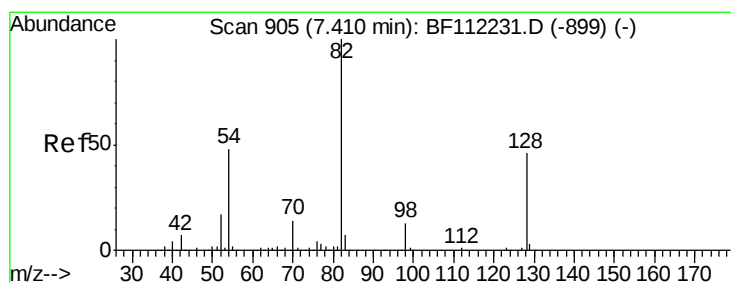
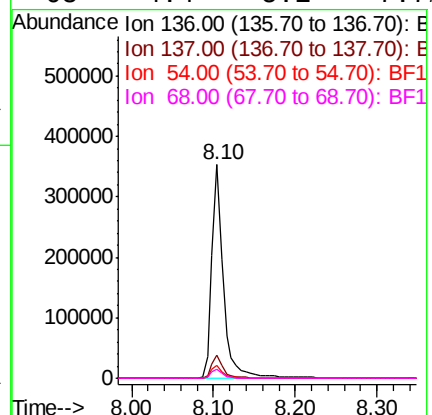
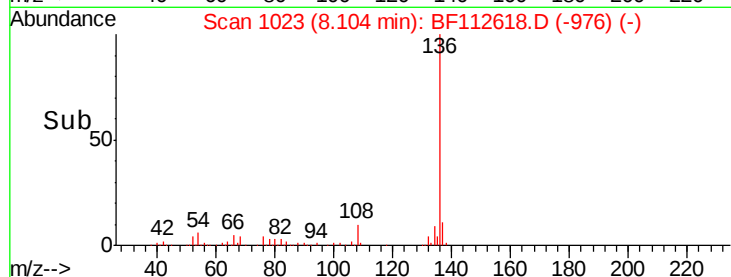
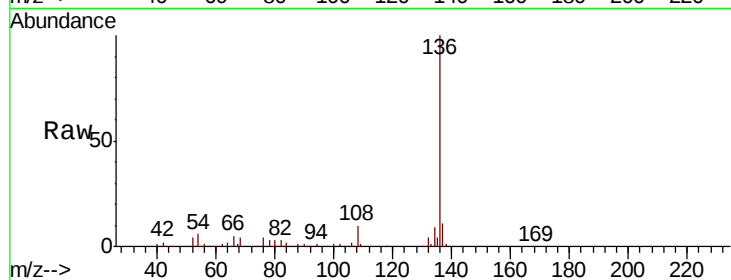
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 5.9 8.9

68 4.4 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 92.204 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112618.D

Acq: 19 Feb 2019 13:54

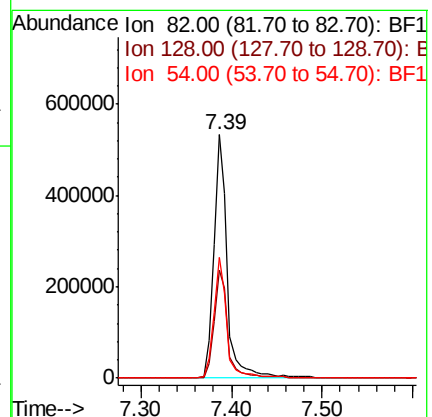
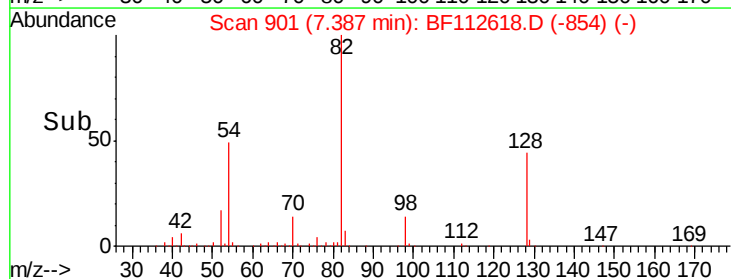
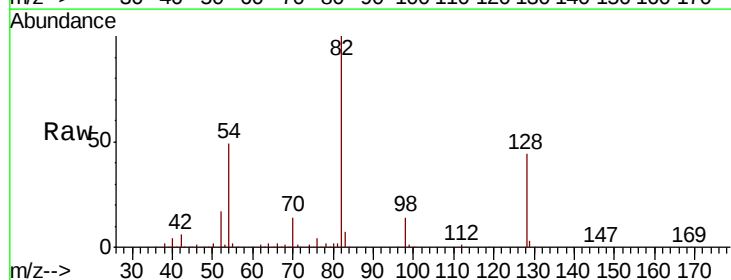
Tgt Ion: 82 Resp: 559684

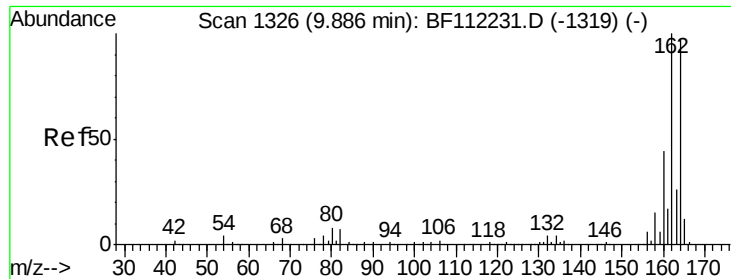
Ion Ratio Lower Upper

82 100

128 44.4 37.8 56.8

54 49.4 39.7 59.5

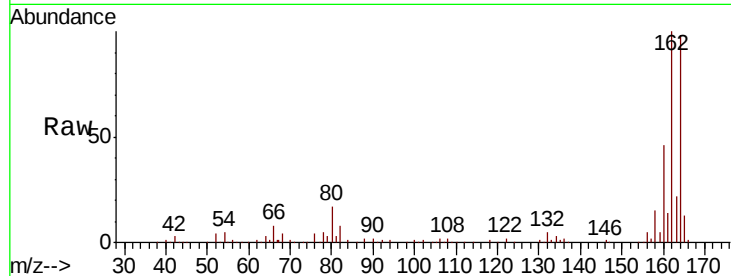




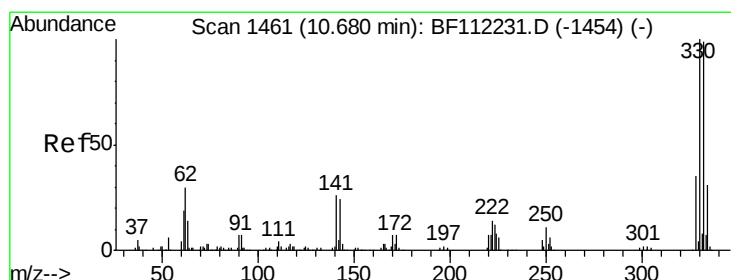
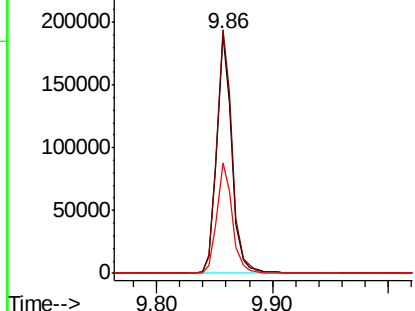
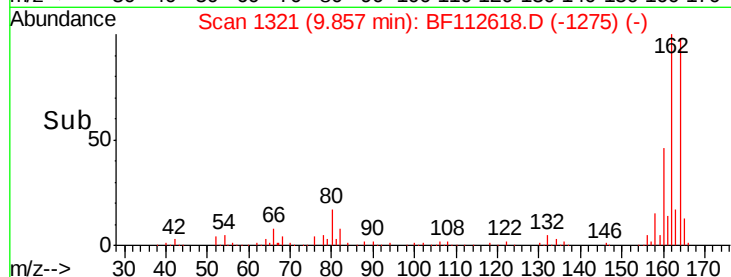
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112618.D
Acq: 19 Feb 2019 13:54

Instrument :
BNA_F
ClientSampleId :
TS-1

Tot Ion:164 Resp: 172115
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.4
160 46.4 36.2 54.4

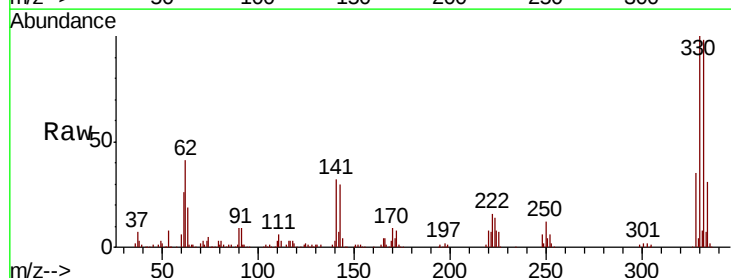


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

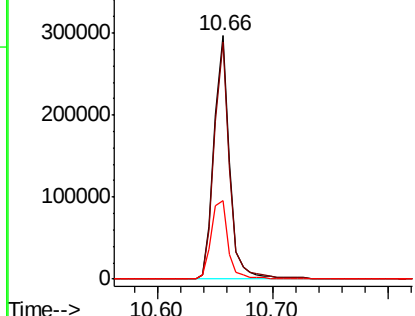
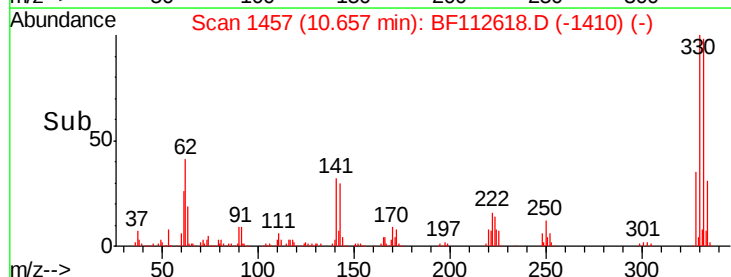


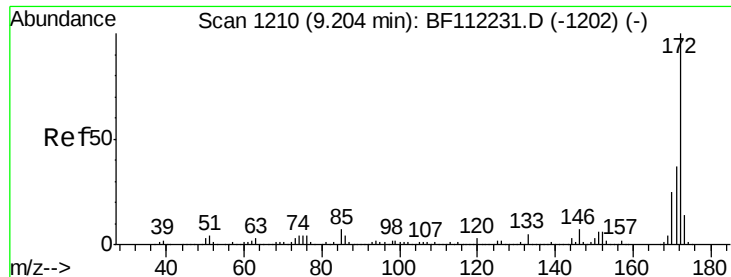
#42
2,4,6-Tribromophenol
Concen: 139.869 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112618.D
Acq: 19 Feb 2019 13:54

Tgt Ion:330 Resp: 280210
Ion Ratio Lower Upper
330 100
332 96.7 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

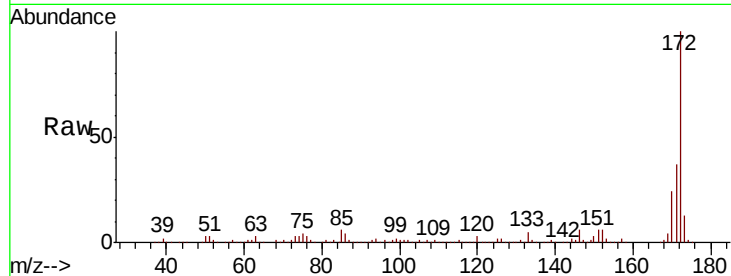




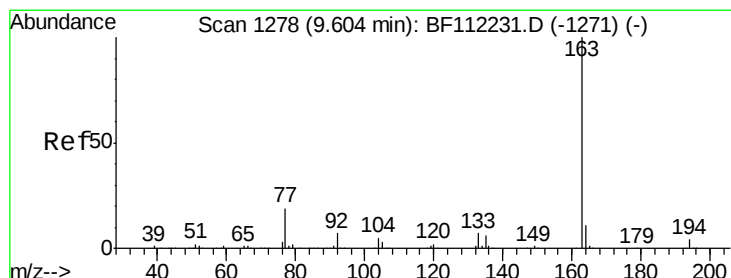
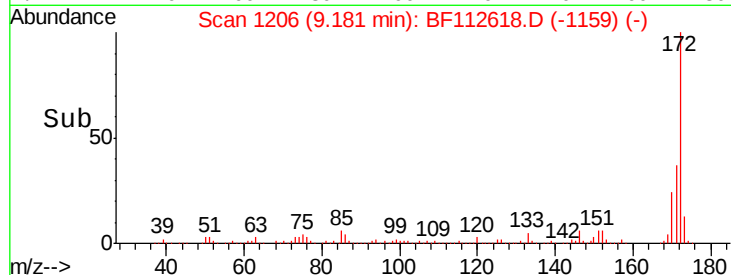
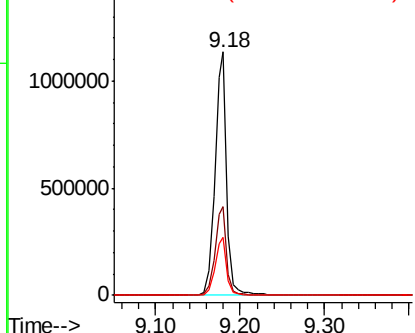
#45
2-Fluorobiphenyl
Concen: 92.160 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112618.D
Acq: 19 Feb 2019 13:54

Instrument :
BNA_F
ClientSampleId :
TS-1

Tot Ion:172 Resp: 1121524
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 23.7 20.2 30.4

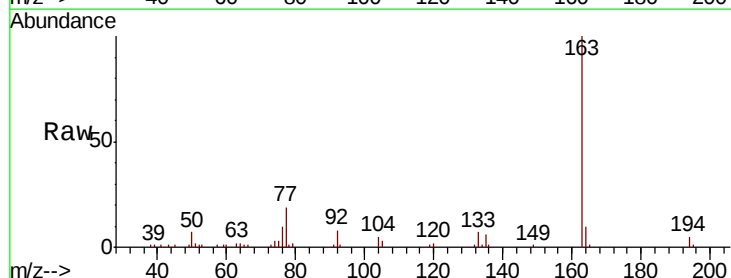


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

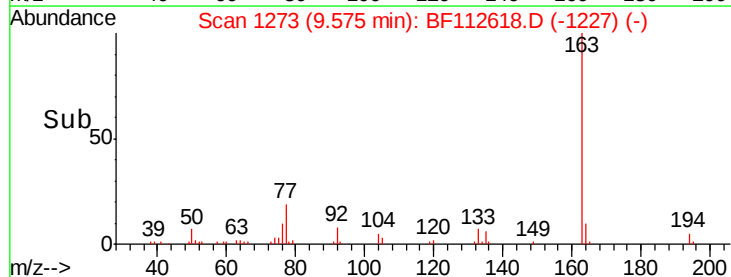
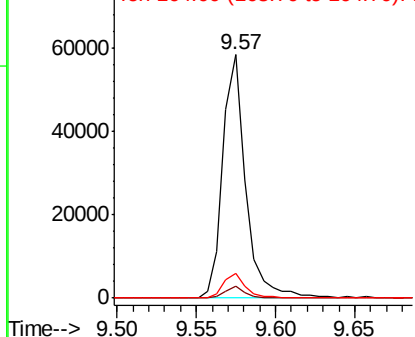


#50
Dimethylphthalate
Concen: 4.381 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112618.D
Acq: 19 Feb 2019 13:54

Tgt Ion:163 Resp: 58588
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 9.9 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

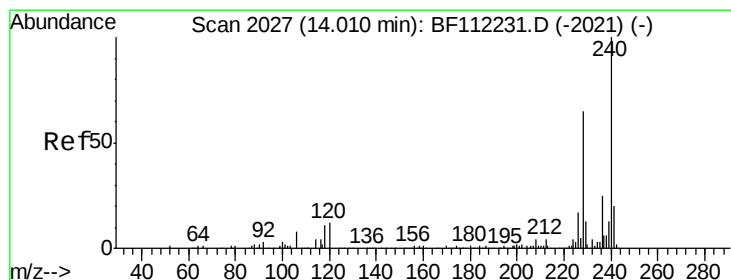
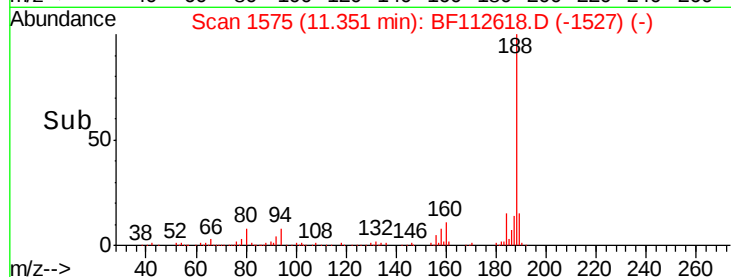
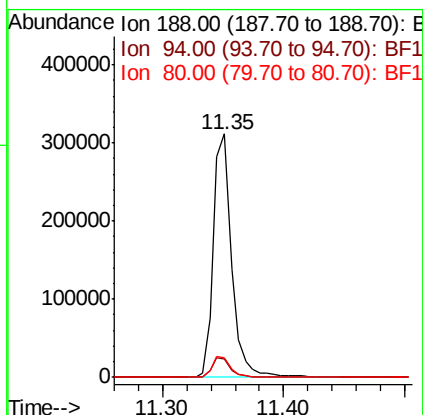
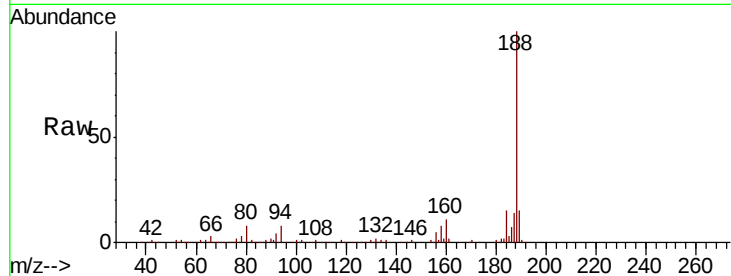




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112618.D
Acq: 19 Feb 2019 13:54

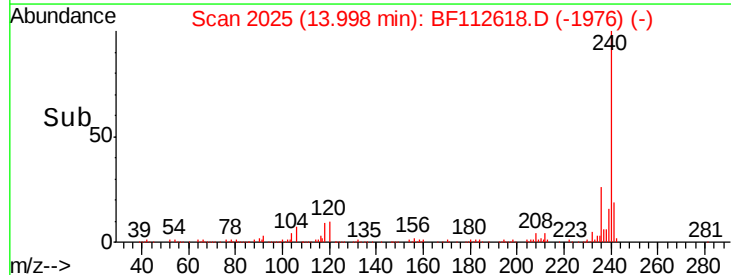
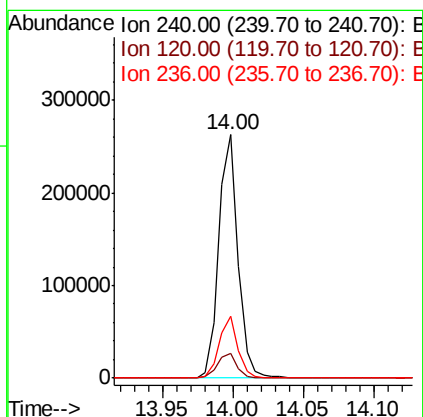
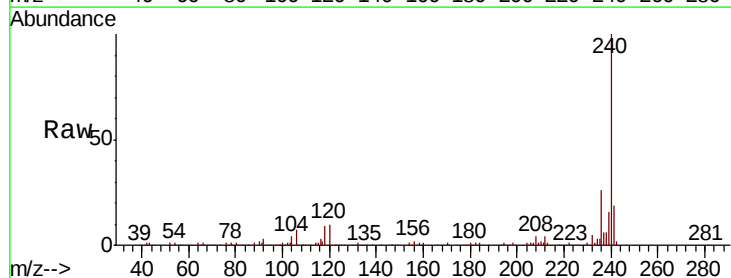
Instrument :
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ClientSampleId :
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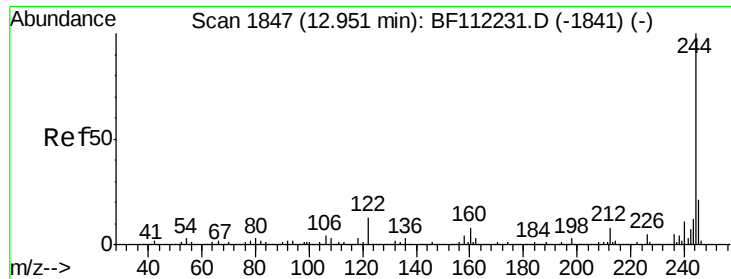
Tot Ion:188 Resp: 323698
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 7.9 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112618.D
Acq: 19 Feb 2019 13:54

Tgt Ion:240 Resp: 248546
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 25.5 20.7 31.1



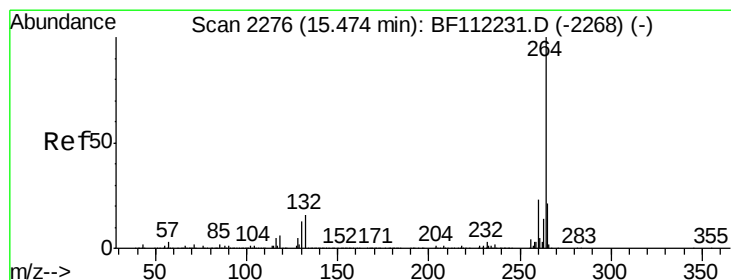
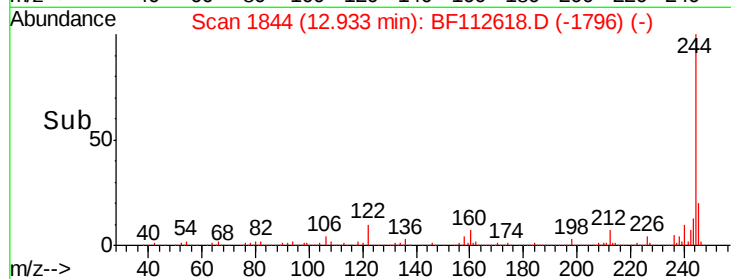
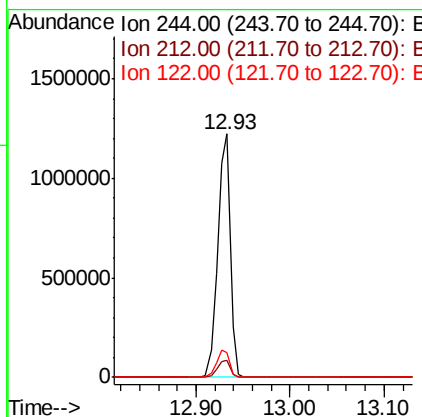
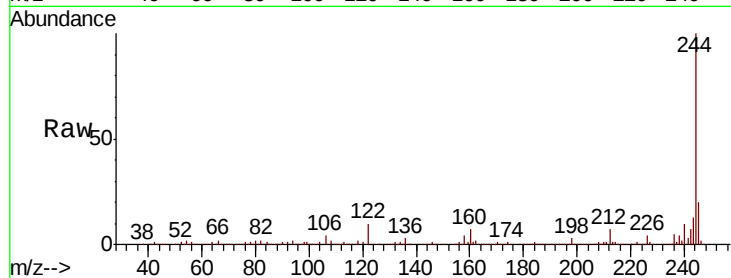


#79
 Terphenyl-d14
 Concen: 87.132 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112618.D
 Acq: 19 Feb 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

Tot Ion:244 Resp: 1149826

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.0	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: BF112618.D
 Acq: 19 Feb 2019 13:54

Tgt Ion:264 Resp: 234608

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.1	17.0	25.4

