

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112460.D
 Acq On : 8 Feb 2019 15:30
 Operator : JU/SJ
 Sample : K1409-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(0-2)

Quant Time: Feb 09 04:56:41 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

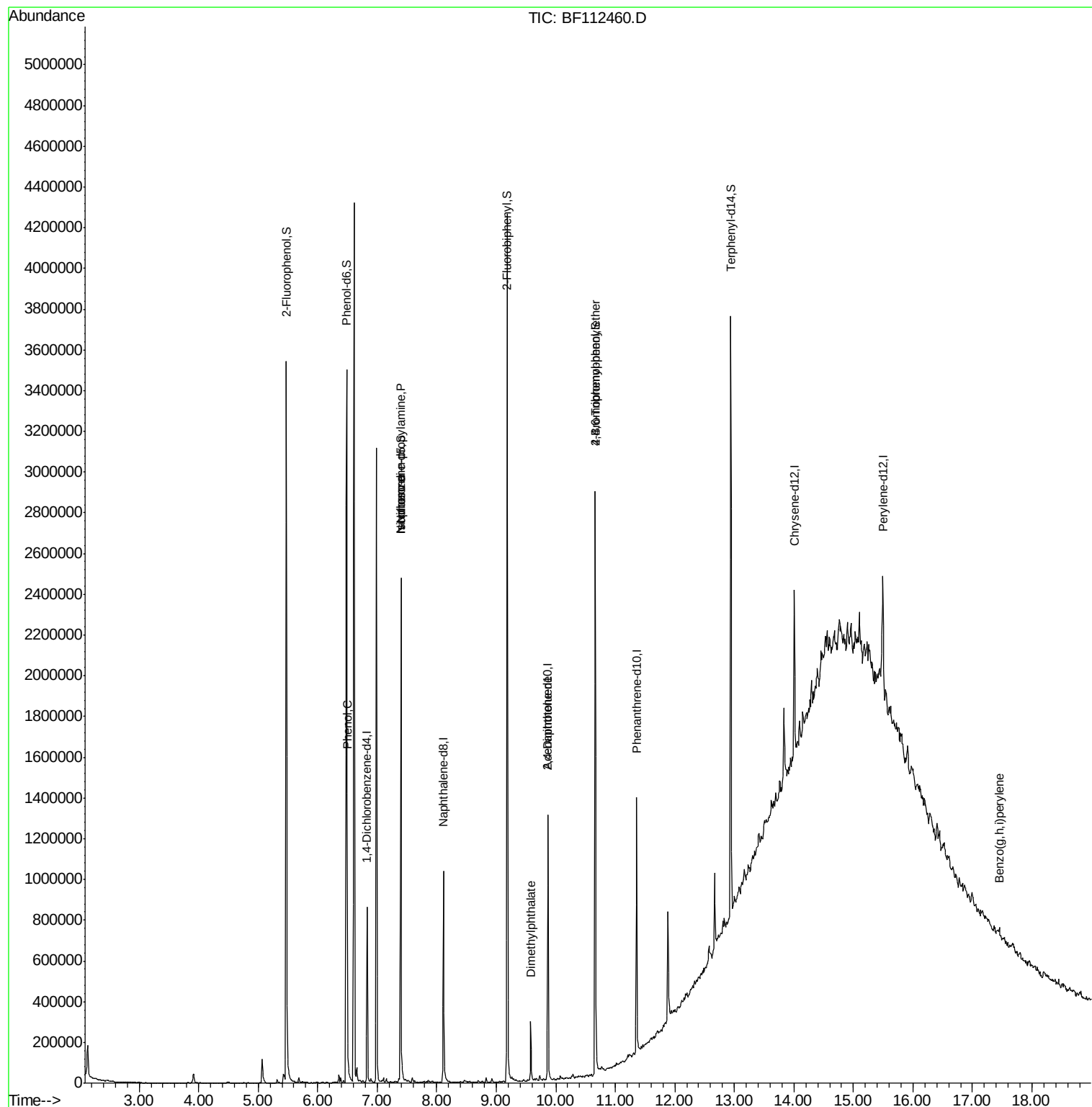
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	145357	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	561452	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	261939	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	459309	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	285539	20.00	ng	0.00
87) Perylene-d12	15.50	264	295949	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1054187	154.05	ng	0.00
7) Phenol-d6	6.49	99	1309715	137.73	ng	0.00
23) Nitrobenzene-d5	7.40	82	839801	86.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	376865	123.61	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1338217	72.26	ng	-0.02
79) Terphenyl-d14	12.94	244	1000139	65.97	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	34157	3.274	ng	81
19) n-Nitroso-di-n-propylamine	7.40	70	113509	17.311	ng	# 77
25) Isophorone	7.40	82	839796	54.937	ng	# 63
50) Dimethylphthalate	9.58	163	129178	6.347	ng	98
57) 2,4-Dinitrotoluene	9.87	165	34487	5.943	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	22504	4.166	ng	# 1
92) Benzo(g,h,i)perylene	17.45	276	26485	2.187	ng	# 77

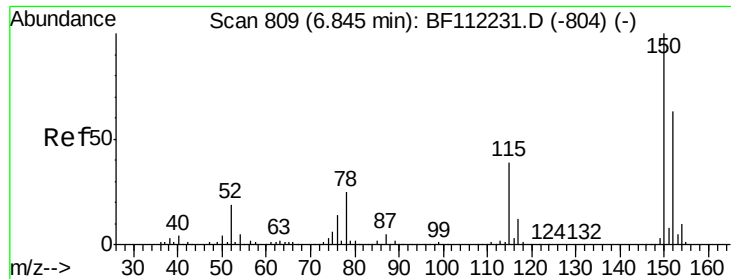
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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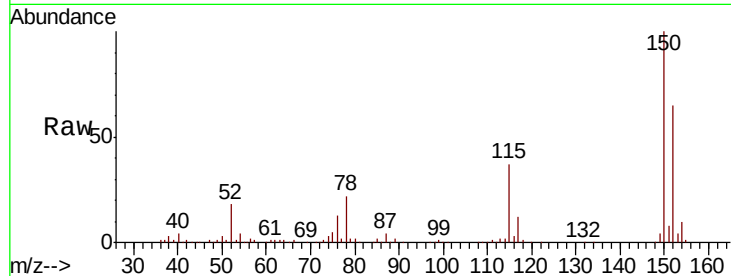


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.0
115	57.5	45.5	68.3

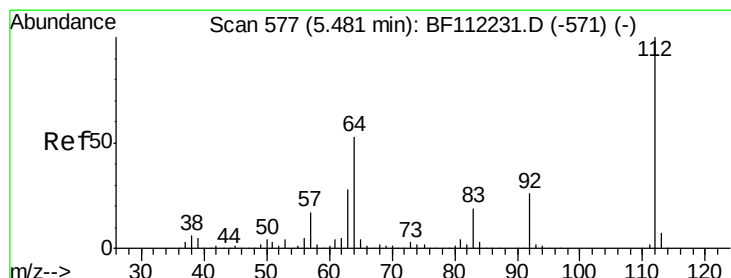
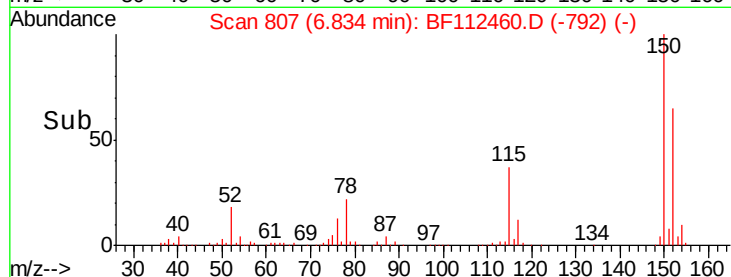
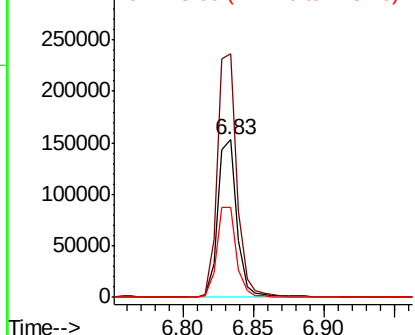


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

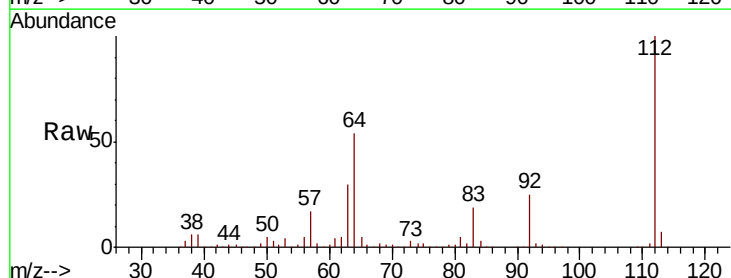
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.046 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	29.6	23.6	35.4

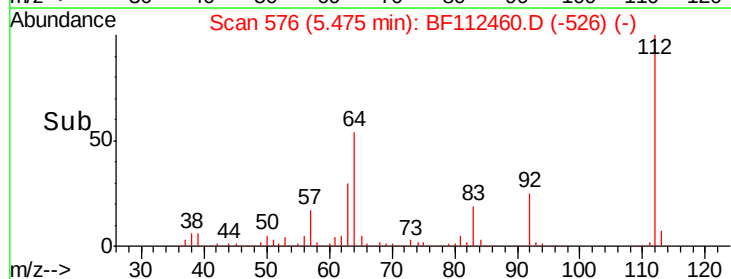
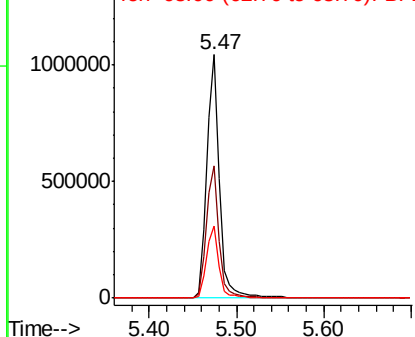


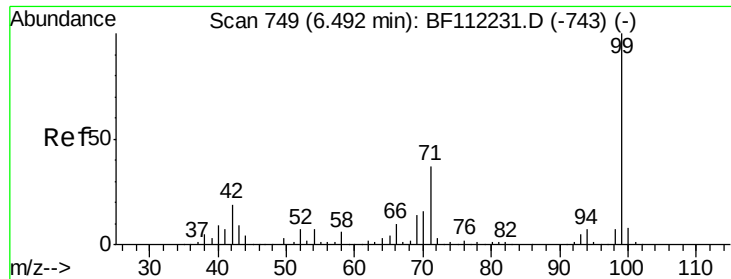
Abundance

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: 137.732 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112460.D

Acq: 8 Feb 2019 15:30

Instrument :

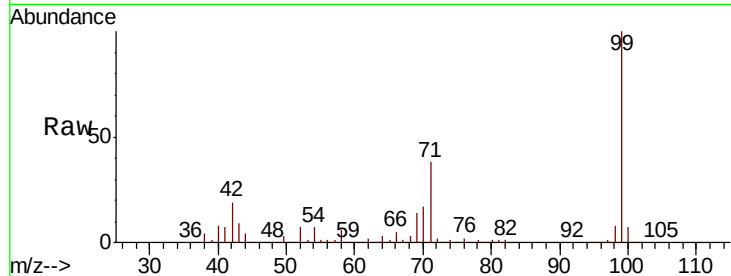
BNA_F

ClientSampleId :

SB-08(0-2)

Tot Ion: 99 Resp: 1309715

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.9	26.9	40.3

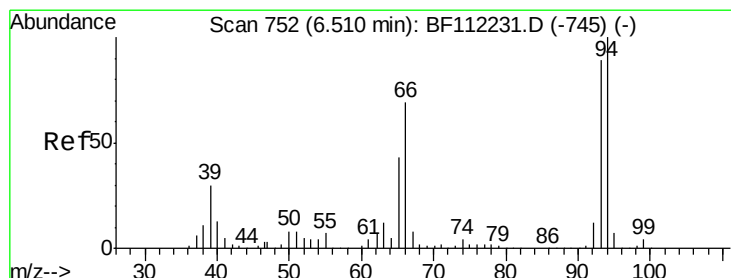
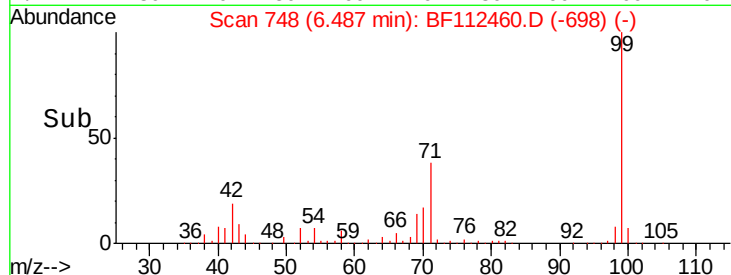
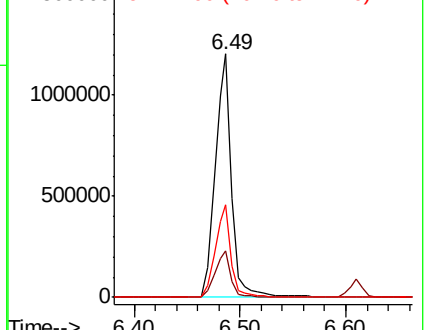


Abundance

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



#10

Phenol

Concen: 3.274 ng

RT: 6.50 min Scan# 750

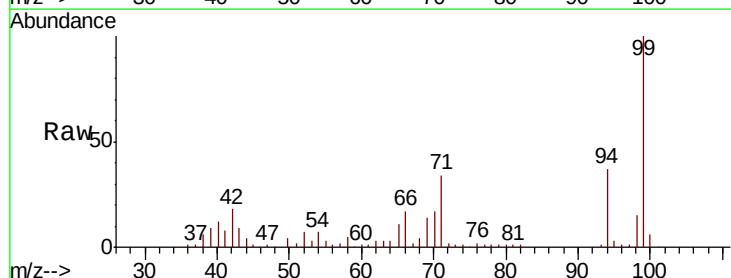
Delta R.T. -0.01 min

Lab File: BF112460.D

Acq: 8 Feb 2019 15:30

Tgt Ion: 94 Resp: 34157

Ion	Ratio	Lower	Upper
94	100		
65	30.3	20.3	60.3
66	46.6	42.4	82.4

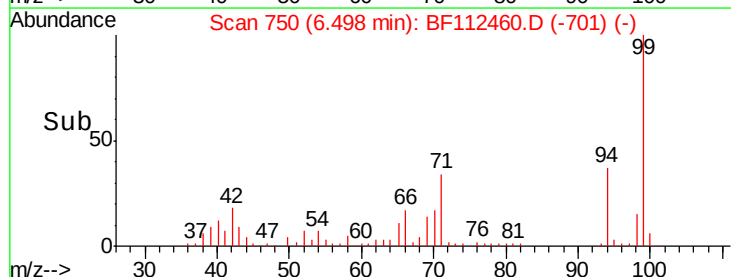
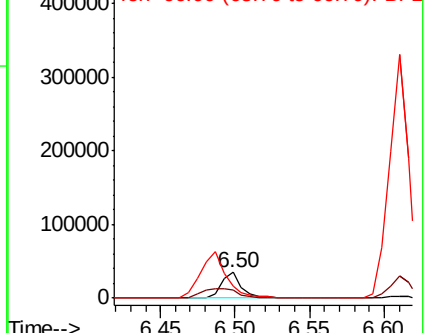


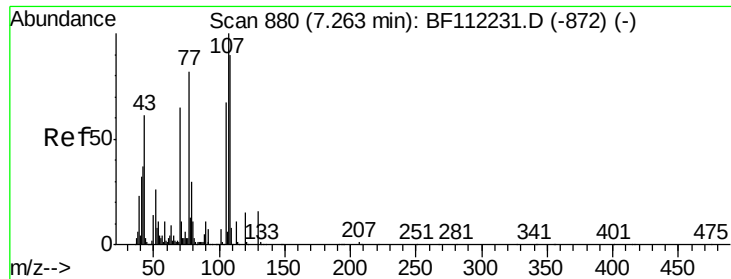
Abundance

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

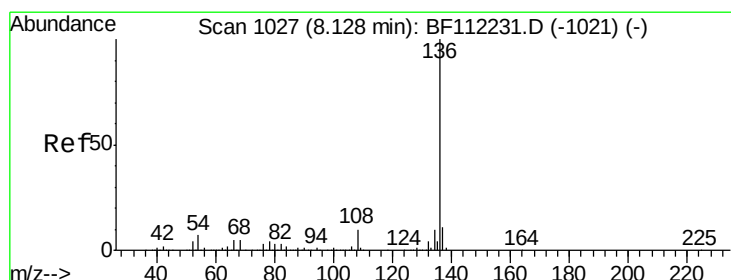
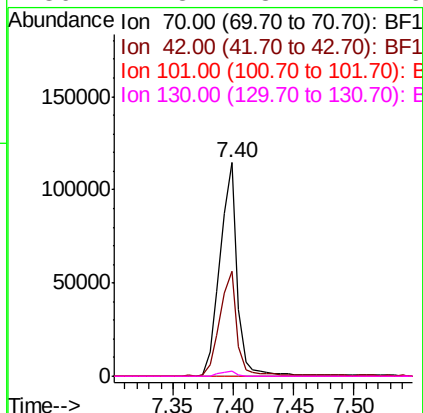
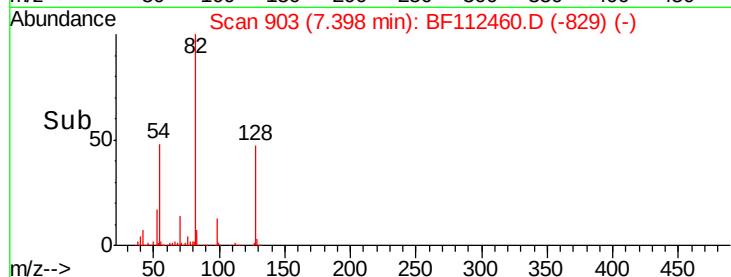
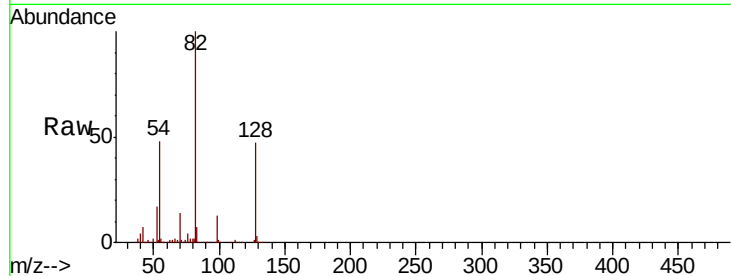




#19
n-Nitroso-di-n-propylamine
Concen: 17.311 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

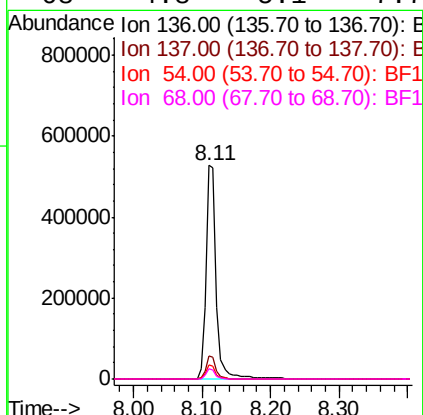
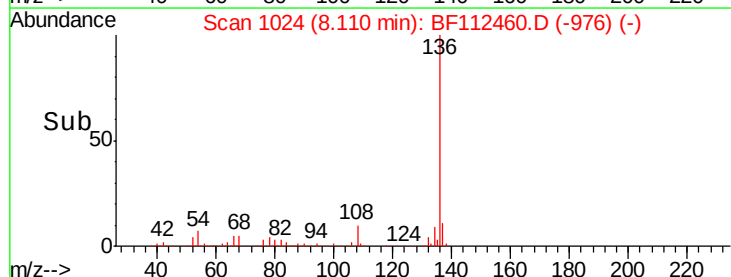
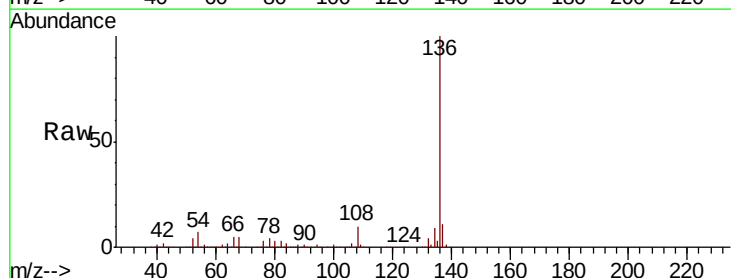
Instrument :
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ClientSampleId :
SB-08(0-2)

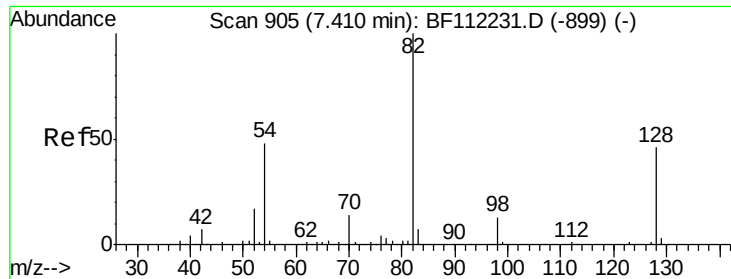
Tot Ion: 70 Resp: 113509
Ion Ratio Lower Upper
70 100
42 48.9 47.6 71.4
101 0.0 7.9 11.9#
130 2.3 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:136 Resp: 561452
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.7 5.9 8.9
68 4.8 5.1 7.7#

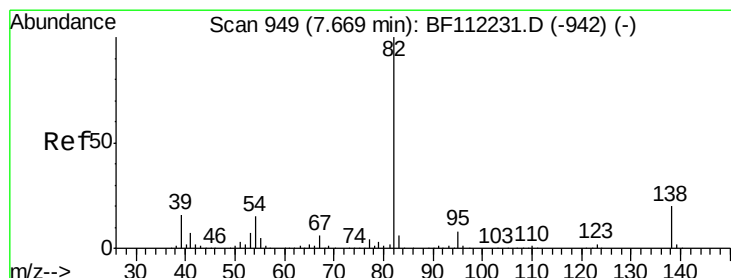
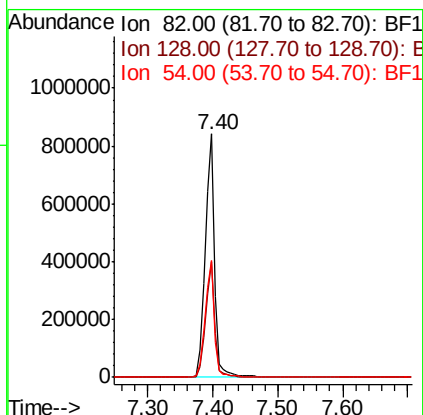
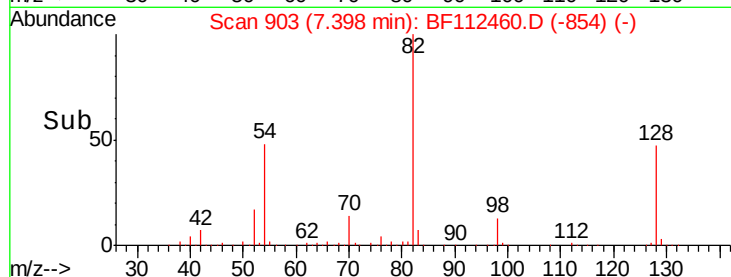
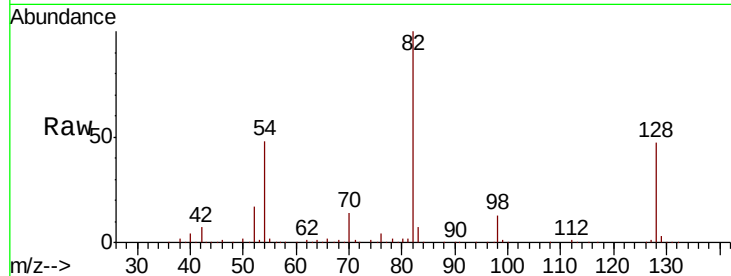




#23
 Nitrobenzene-d5
 Concen: 86.186 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112460.D
 Acq: 8 Feb 2019 15:30

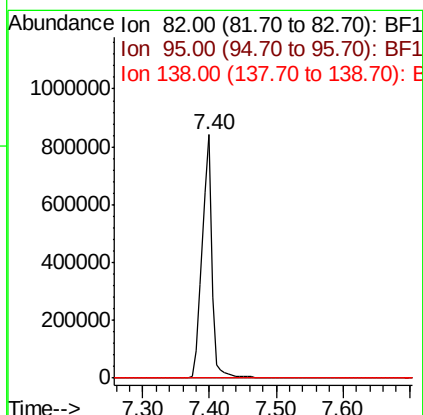
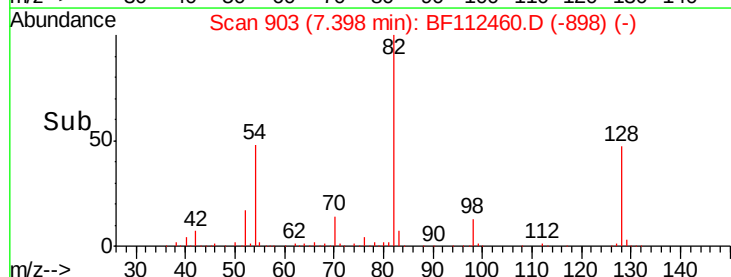
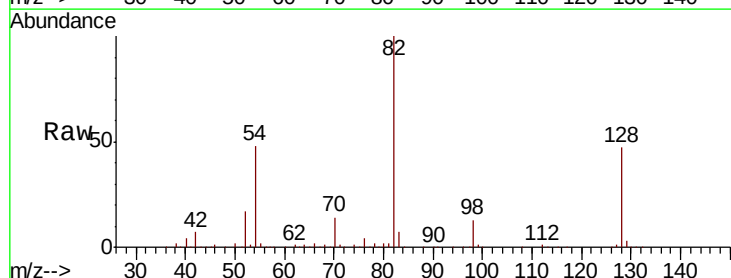
Instrument :
 BNA_F
 ClientSampleId :
 SB-08(0-2)

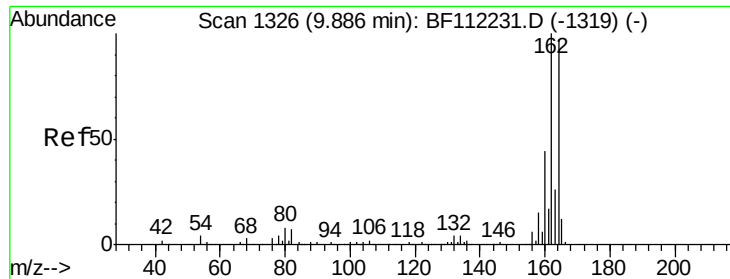
Tot Ion: 82 Resp: 839801
 Ion Ratio Lower Upper
 82 100
 128 47.3 37.8 56.8
 54 48.3 39.7 59.5



#25
 Isophorone
 Concen: 54.937 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112460.D
 Acq: 8 Feb 2019 15:30

Tgt Ion: 82 Resp: 839796
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.4 23.0#

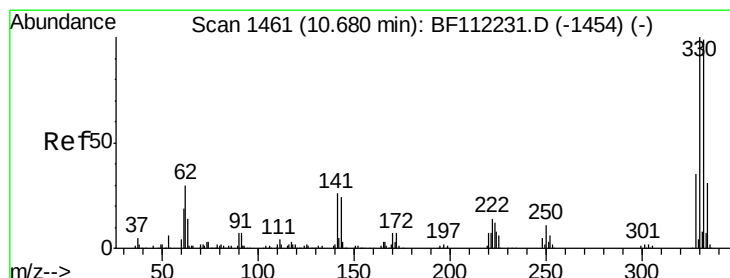
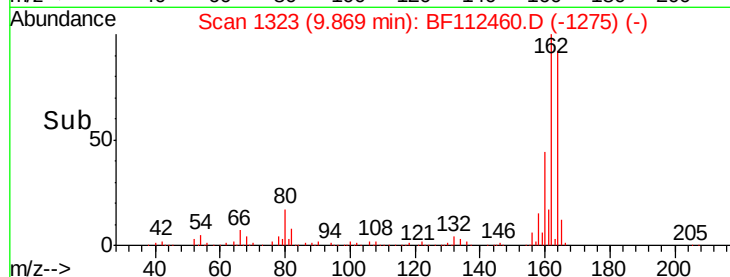
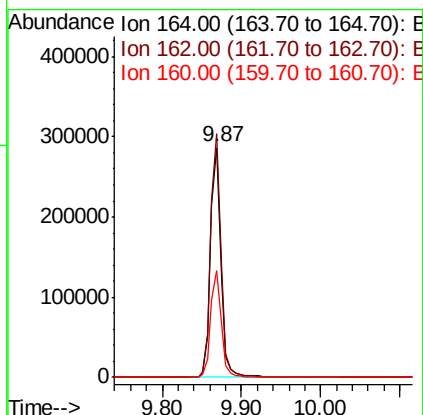
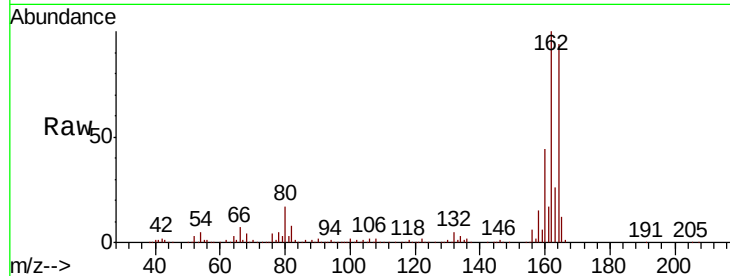




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112460.D
 Acq: 8 Feb 2019 15:30

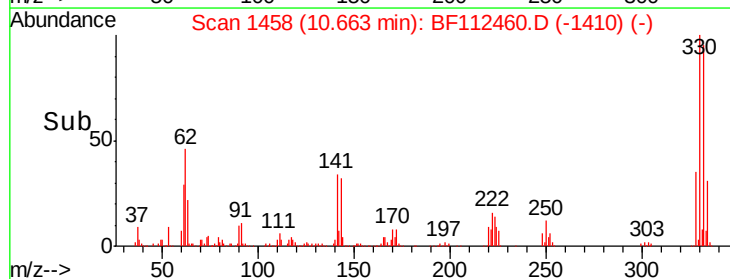
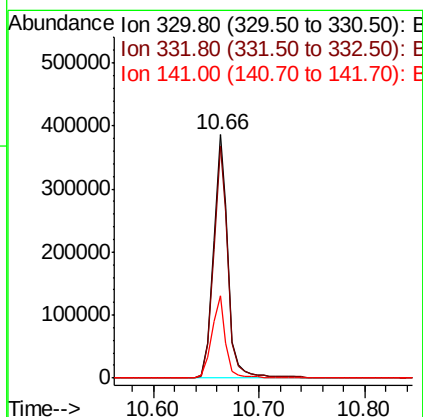
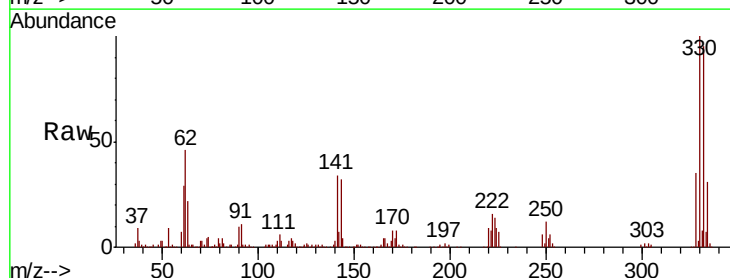
Instrument :
 BNA_F
 ClientSampleId :
 SB-08(0-2)

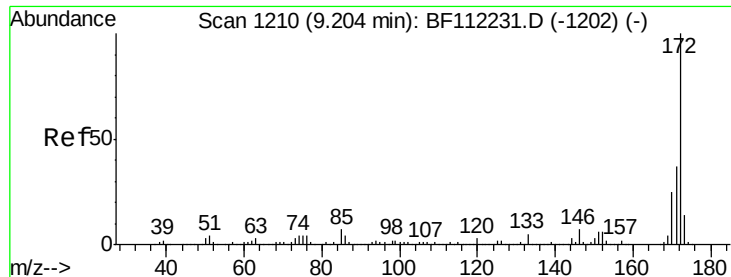
Tot Ion:164 Resp: 261939
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.2 123.4
 160 46.6 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 123.607 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112460.D
 Acq: 8 Feb 2019 15:30

Tgt Ion:330 Resp: 376865
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 32.1 24.3 36.5

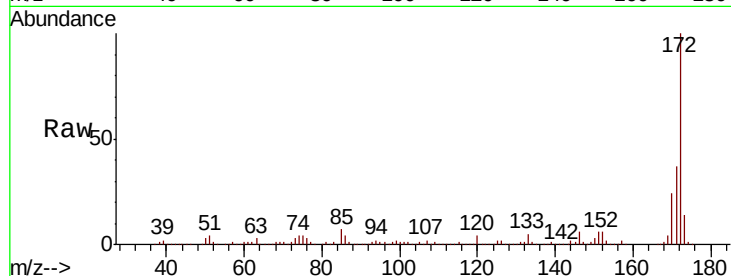




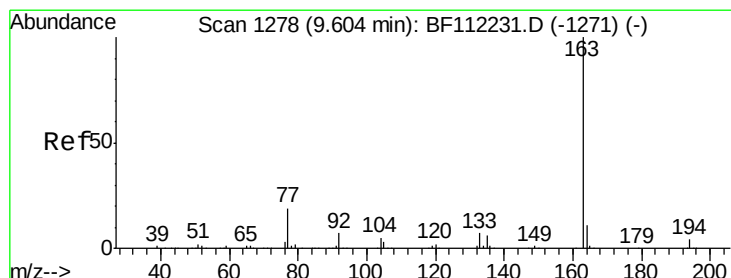
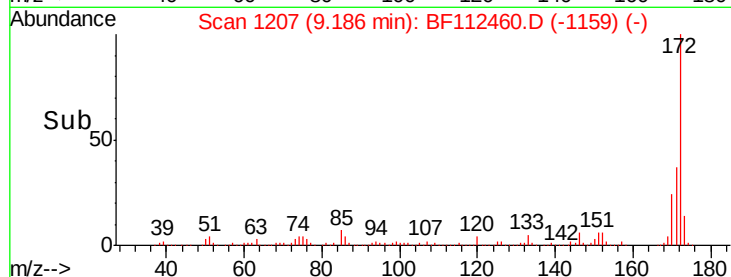
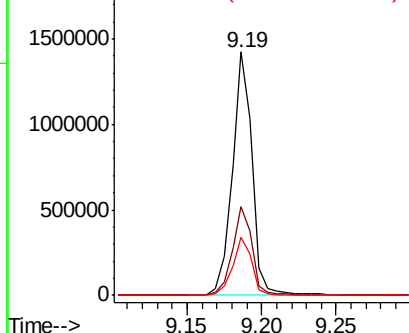
#45
2-Fluorobiphenyl
Concen: 72.257 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tot Ion:172 Resp: 1338217
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.1 20.2 30.4

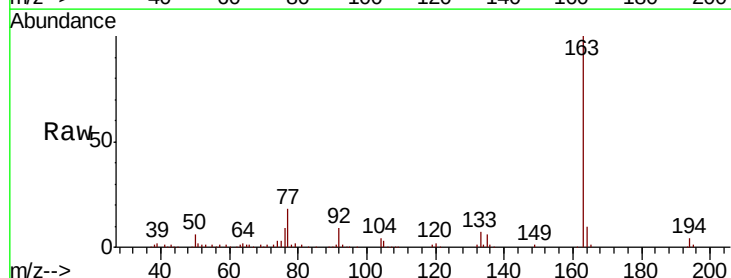


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

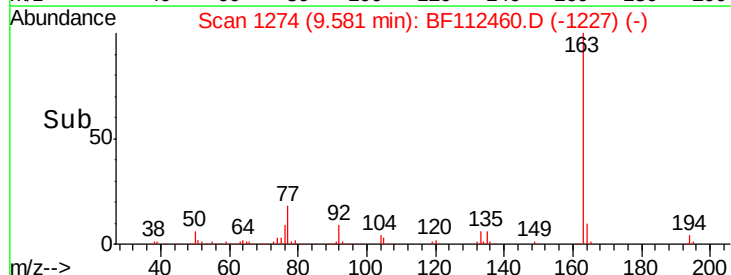
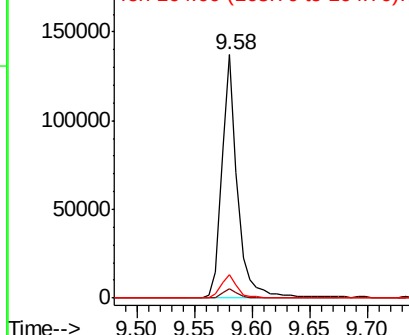


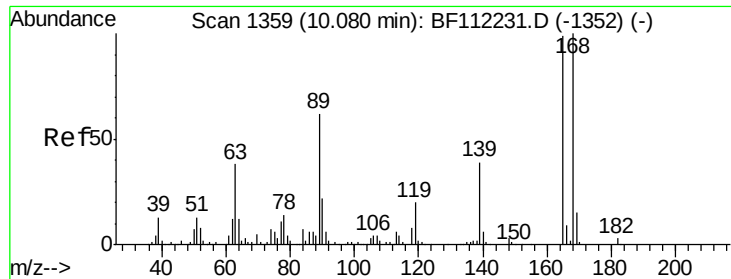
#50
Dimethylphthalate
Concen: 6.347 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:163 Resp: 129178
Ion Ratio Lower Upper
163 100
194 3.9 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





#57

2,4-Dinitrotoluene

Concen: 5.943 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112460.D

Acq: 8 Feb 2019 15:30

Instrument :

BNA_F

ClientSampleId :

SB-08(0-2)

Tot Ion:165 Resp: 34487

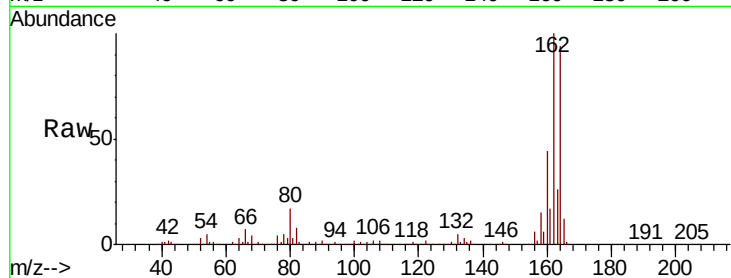
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 1.8 47.9 71.9#

182 0.0 2.2 3.4#

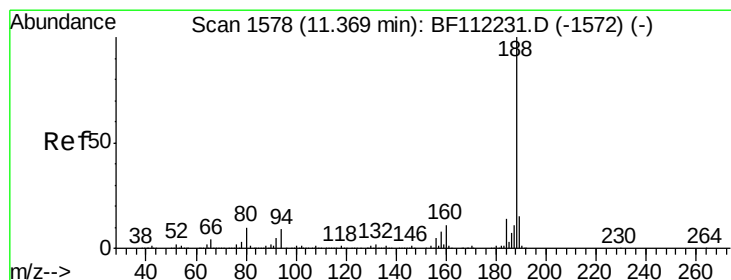
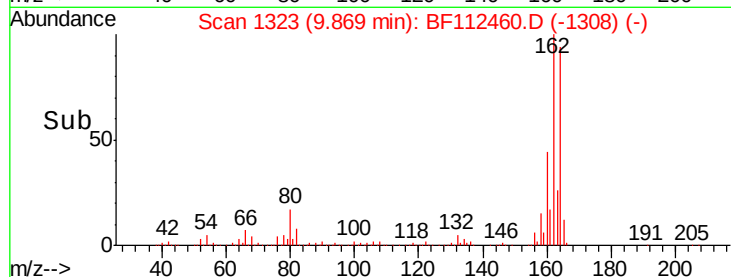
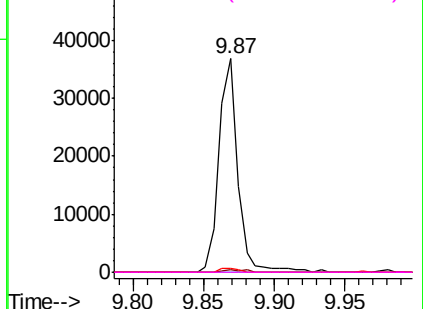


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112460.D

Acq: 8 Feb 2019 15:30

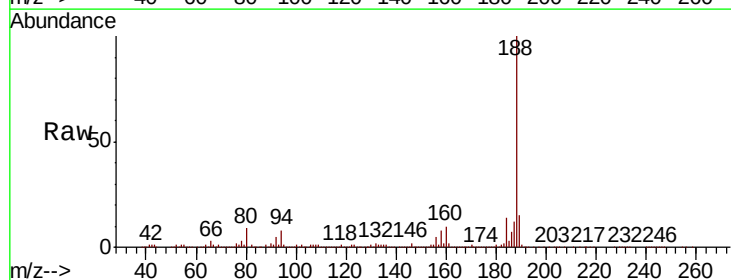
Tgt Ion:188 Resp: 459309

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

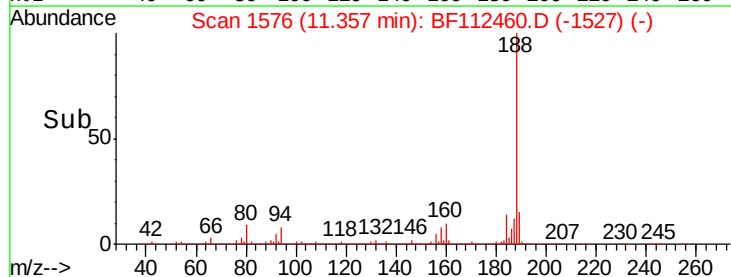
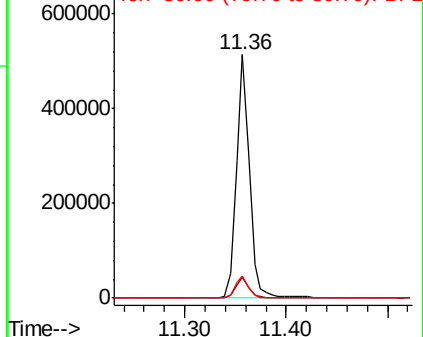
80 9.3 8.9 13.3

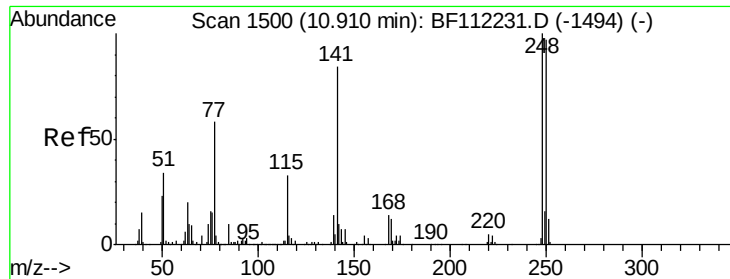


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

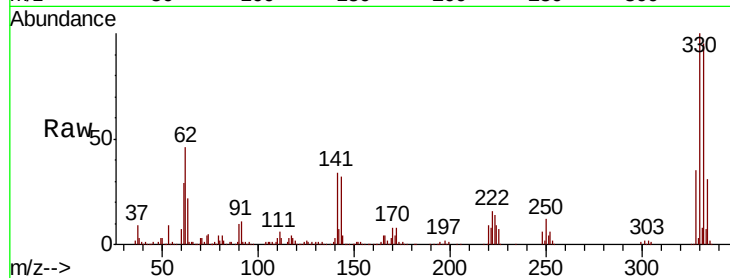




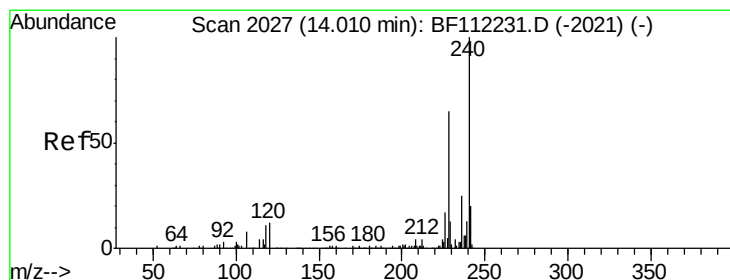
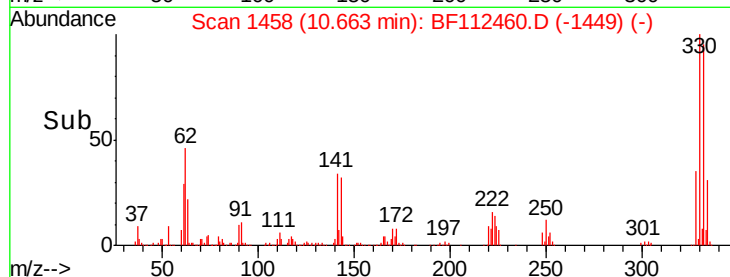
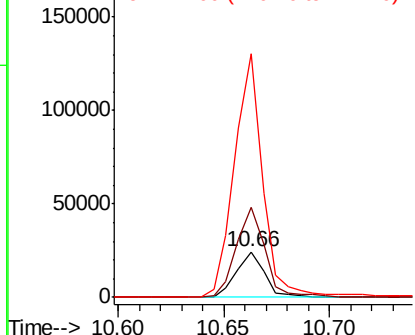
#67
4-Bromophenyl-phenylether
Concen: 4.166 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SB-08(0-2)

Tot Ion:248 Resp: 22504
Ion Ratio Lower Upper
248 100
250 198.8 79.7 119.5#
141 538.6 60.3 90.5#

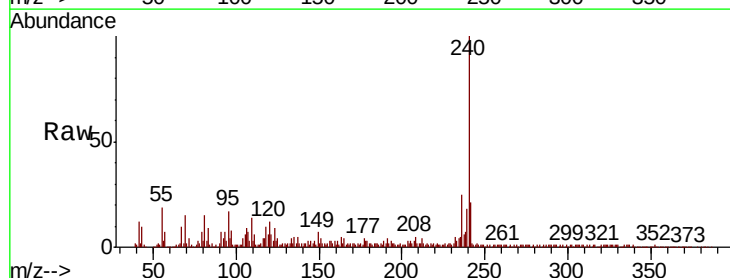


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

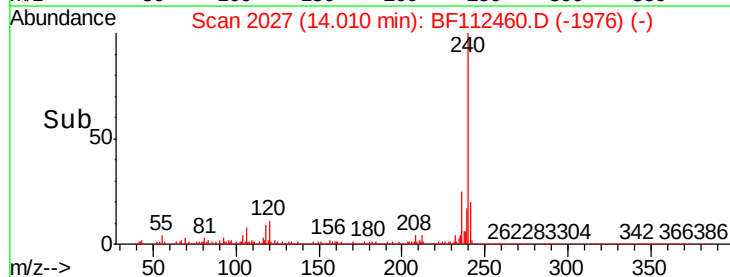
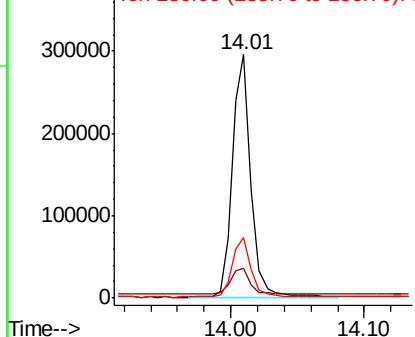


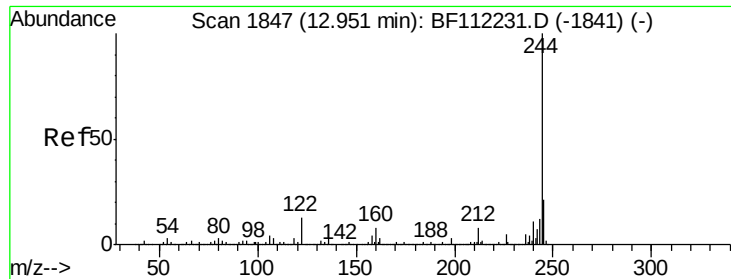
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112460.D
Acq: 8 Feb 2019 15:30

Tgt Ion:240 Resp: 285539
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.6
236 25.0 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: 65.970 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112460.D

Acq: 8 Feb 2019 15:30

Instrument :

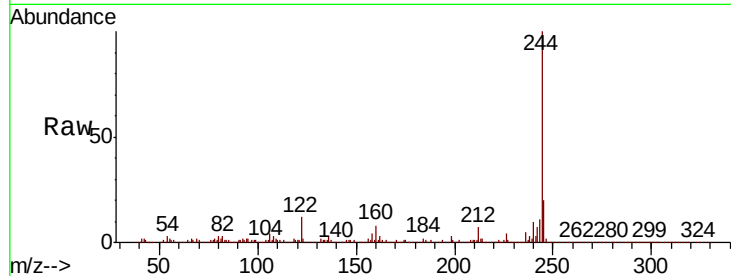
BNA_F

ClientSampled :

SB-08(0-2)

Tot Ion:244 Resp: 1000139

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.0	9.8	14.6

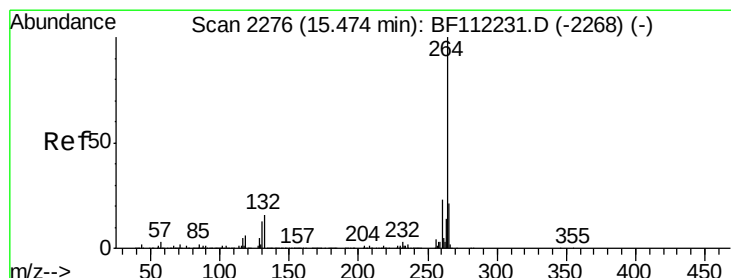
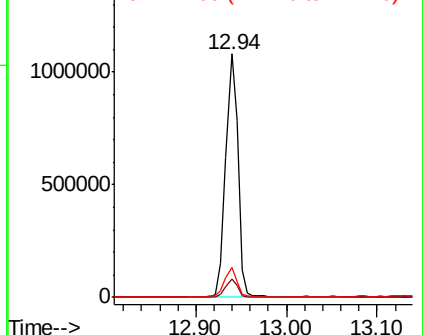
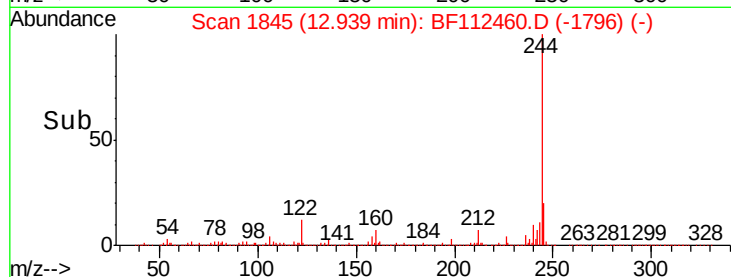


Abundance

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: 15.50 min Scan# 2280

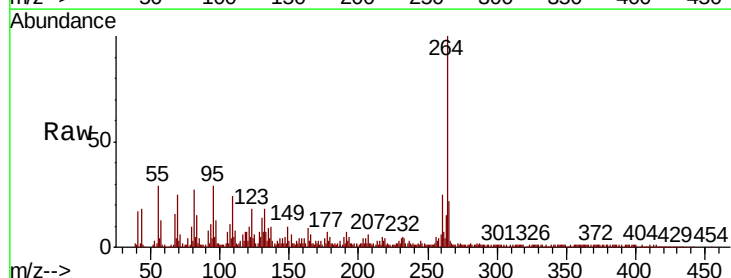
Delta R.T. 0.02 min

Lab File: BF112460.D

Acq: 8 Feb 2019 15:30

Tgt Ion:264 Resp: 295949

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.2	27.2
265	21.5	17.0	25.4

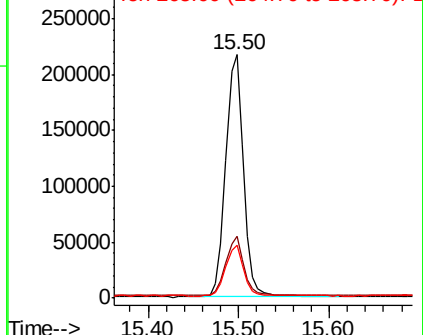
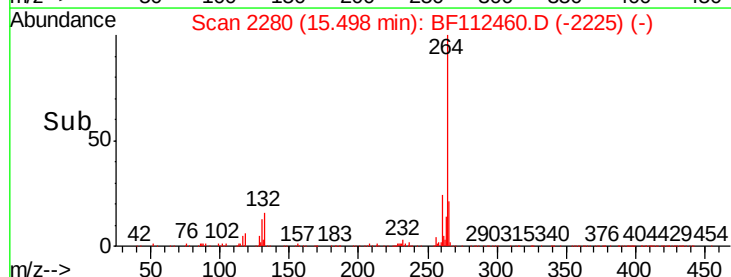


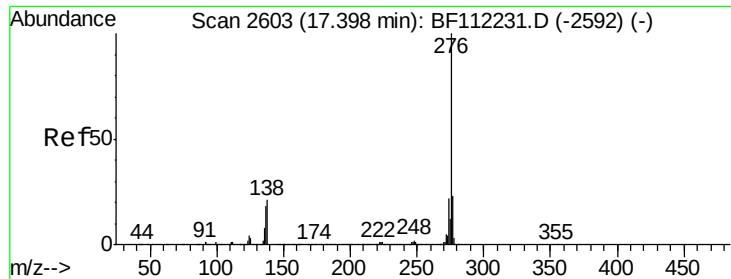
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

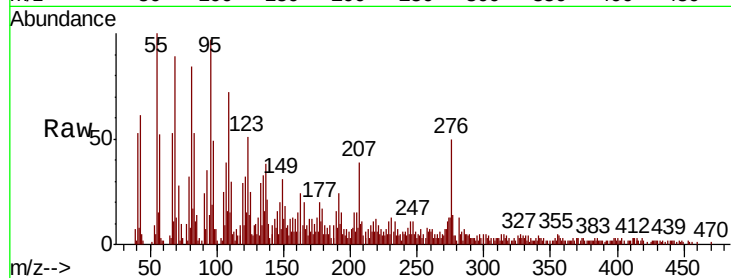




#92
 Benzo(a,h,i)perylene
 Concen: 2.187 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.05 min
 Lab File: BF112460.D
 Acq: 8 Feb 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(0-2)

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	28.9	19.4	29.0	
138	42.0	19.1	28.7	



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

