

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112449.D
 Acq On : 7 Feb 2019 20:16
 Operator : JU/SJ
 Sample : K1385-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-4-57

Quant Time: Feb 09 03:14:43 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

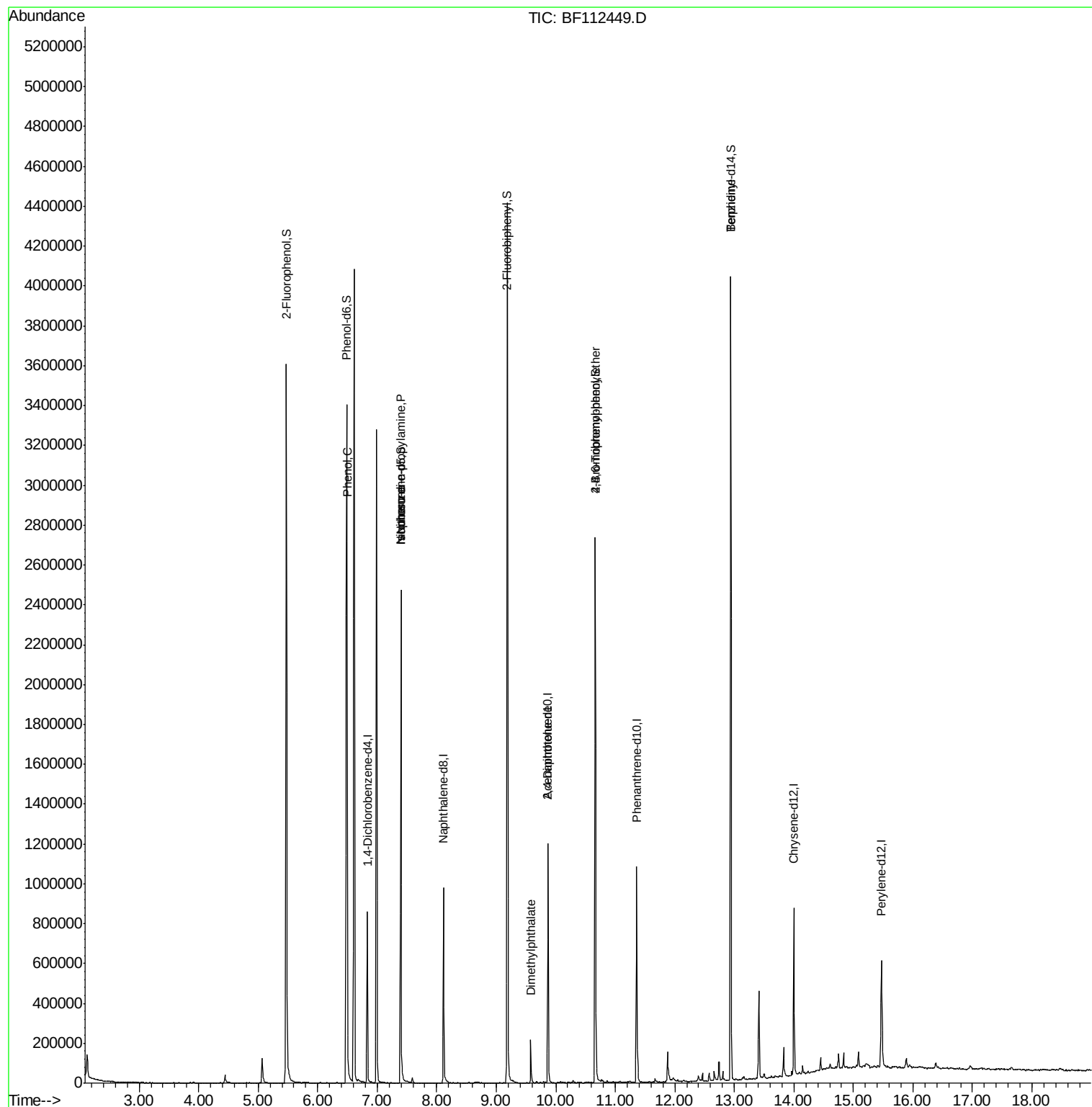
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	132337	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	497375	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	232558	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	398139	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	294164	20.00	ng	0.00
87) Perylene-d12	15.47	264	267180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1059013	169.98	ng	0.00
7) Phenol-d6	6.49	99	1324774	153.02	ng	0.00
23) Nitrobenzene-d5	7.40	82	818944	94.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	354215	130.86	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1528409	92.95	ng	-0.01
79) Terphenyl-d14	12.94	244	1297654	83.08	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	50978	5.367	ng	84
19) n-Nitroso-di-n-propylamine	7.40	70	112319	18.815	ng	# 76
25) Isophorone	7.40	82	818935	60.475	ng	# 63
50) Dimethylphthalate	9.58	163	93551	5.178	ng	99
57) 2,4-Dinitrotoluene	9.87	165	29159	5.660	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	20836	4.450	ng	# 1
77) Benzidine	12.94	184	17056	2.107	ng	# 91

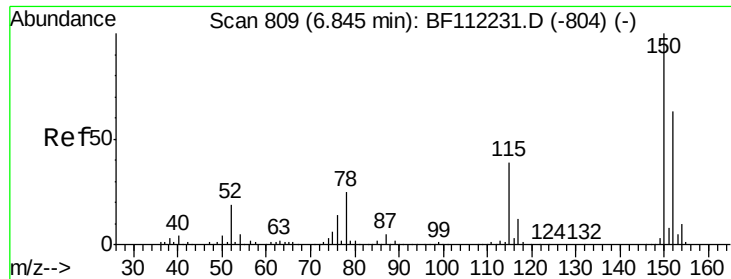
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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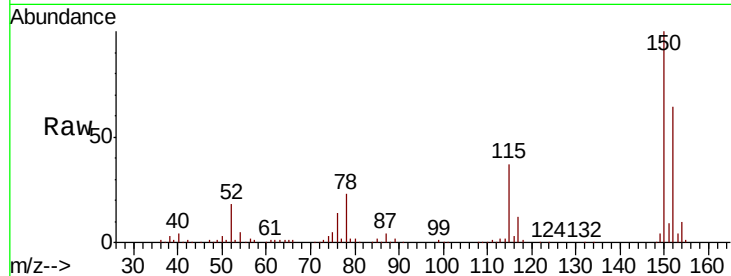


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112449.D
 Acq: 7 Feb 2019 20:16

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-4-57

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	58.2	45.5	68.3

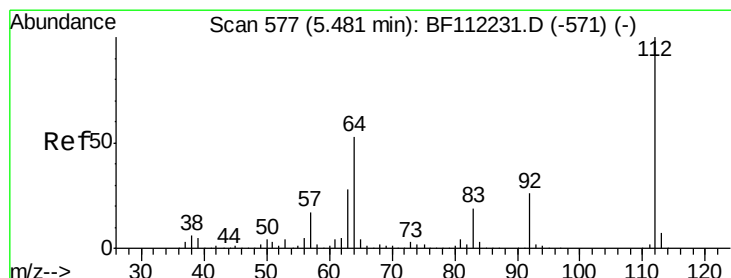
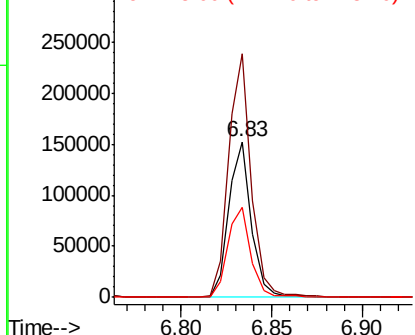
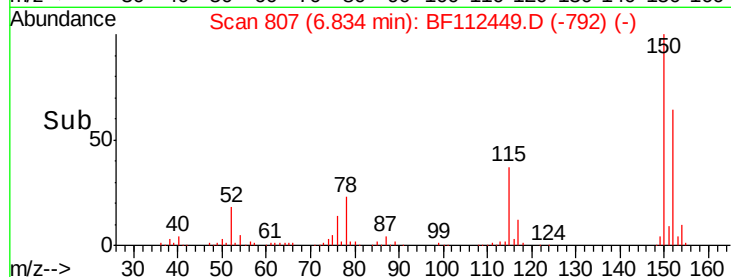


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

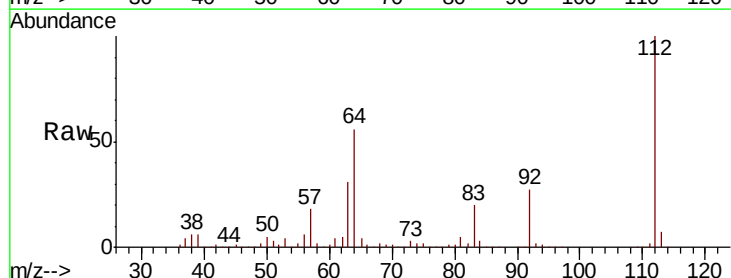
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 169.976 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112449.D
 Acq: 7 Feb 2019 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.7	68.5
63	30.8	23.6	35.4

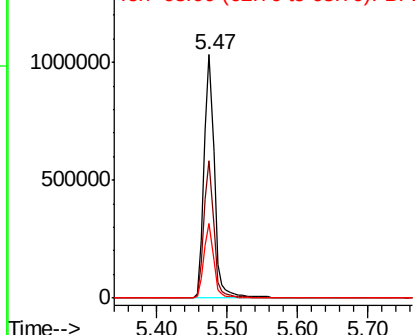
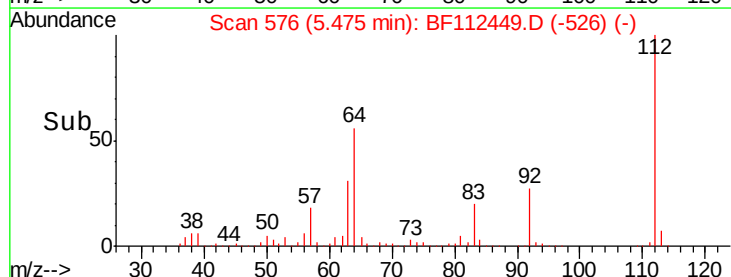


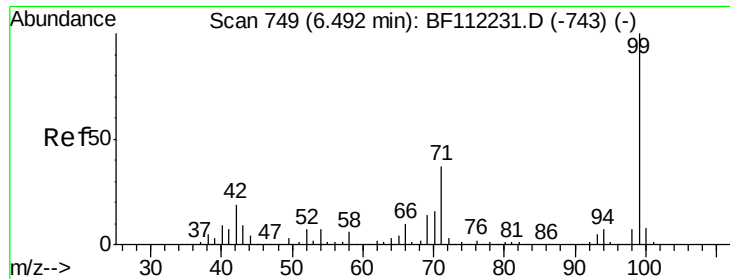
Abundance

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: 153.022 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112449.D

Acq: 7 Feb 2019 20:16

Instrument :

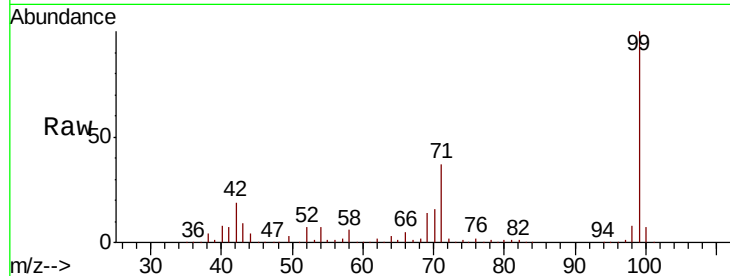
BNA_F

ClientSampleId :

98-SB-01-4-57

Tot Ion: 99 Resp: 1324774

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

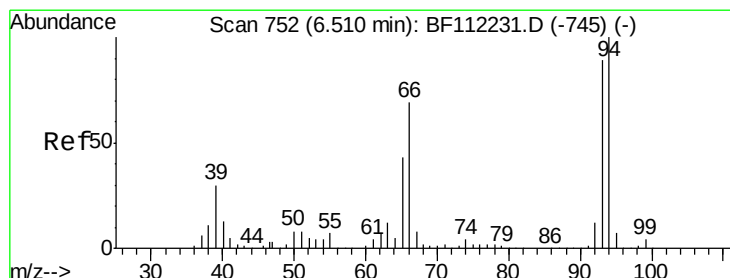
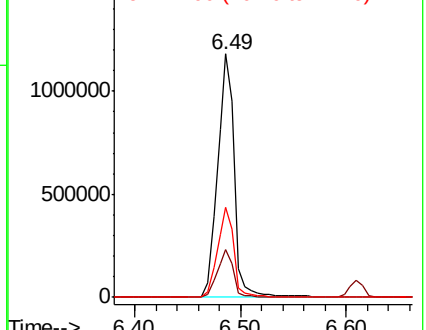
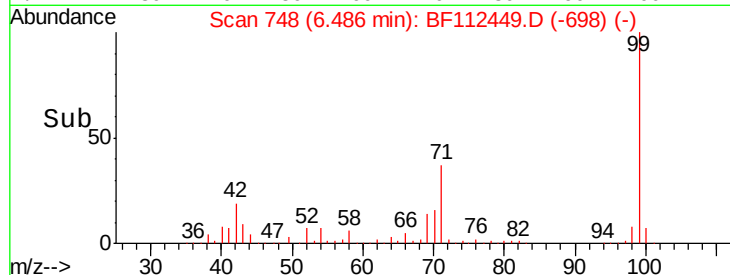


Abundance

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



#10

Phenol

Concen: 5.367 ng

RT: 6.50 min Scan# 750

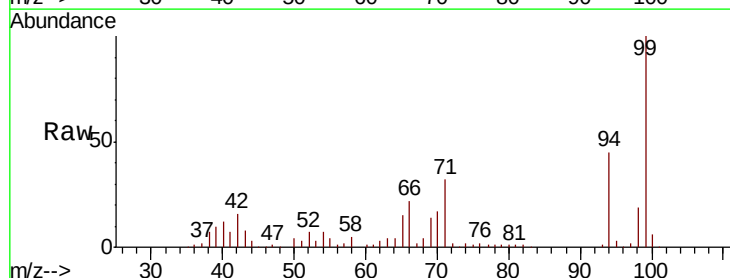
Delta R.T. -0.01 min

Lab File: BF112449.D

Acq: 7 Feb 2019 20:16

Tgt Ion: 94 Resp: 50978

Ion	Ratio	Lower	Upper
94	100		
65	32.2	20.3	60.3
66	48.9	42.4	82.4

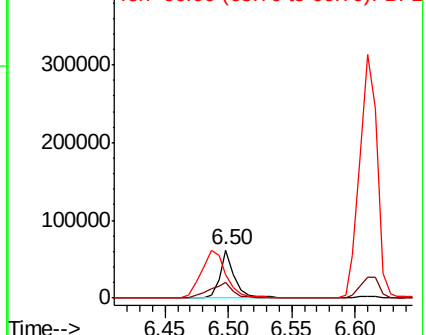
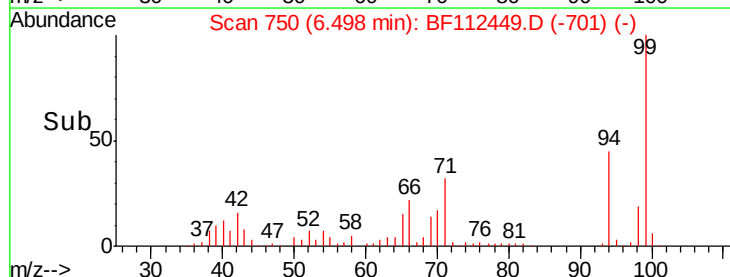


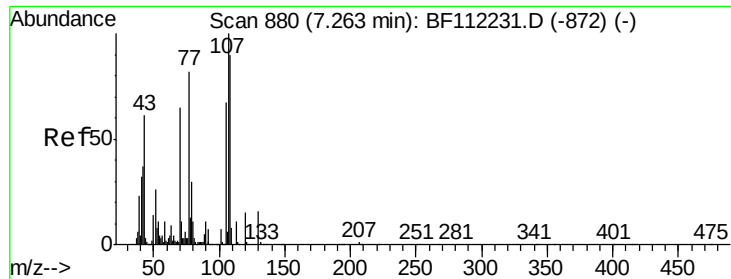
Abundance

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

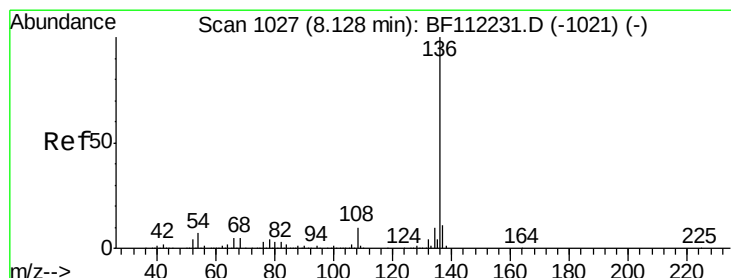
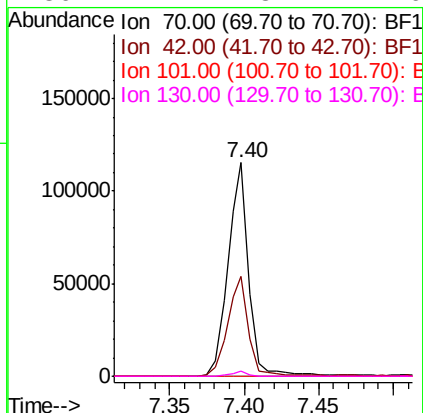
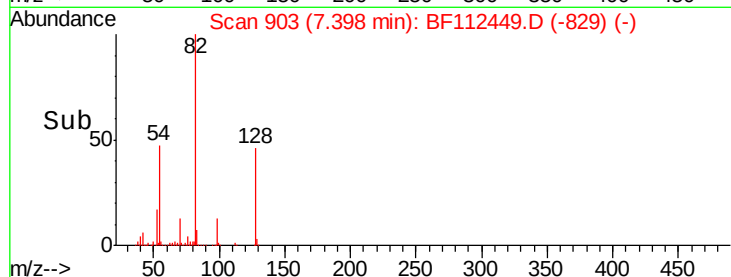
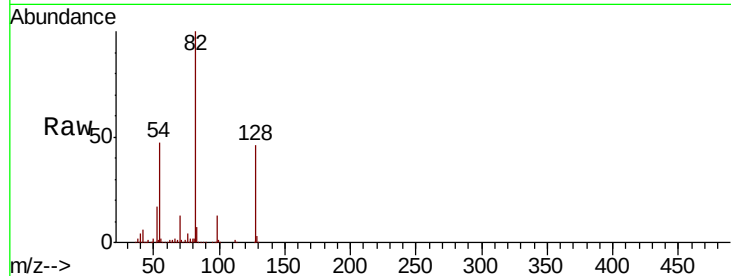




#19
n-Nitroso-di-n-propylamine
Concen: 18.815 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112449.D
Acq: 7 Feb 2019 20:16

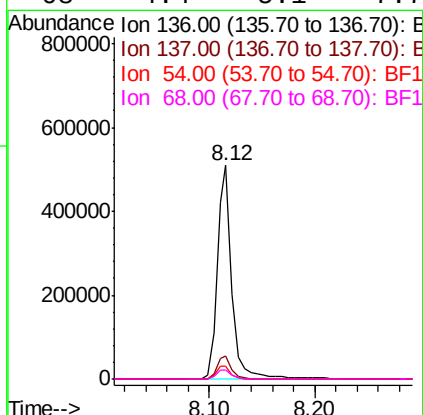
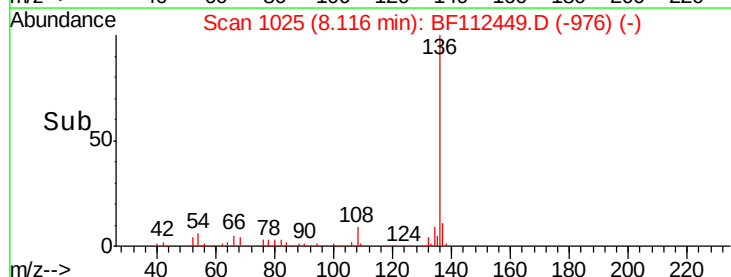
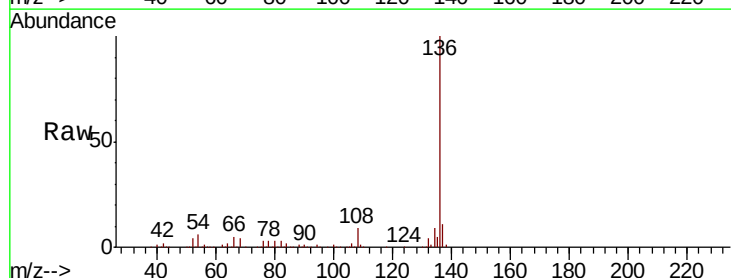
Instrument :
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98-SB-01-4-57

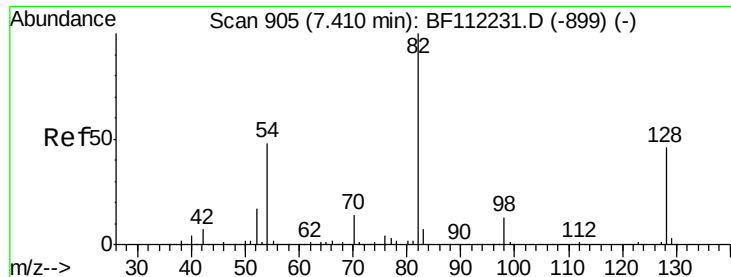
Tot Ion:	70	Resp:	112319
Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.6	71.4#
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112449.D
Acq: 7 Feb 2019 20:16

Tgt Ion:	136	Resp:	497375
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.7	5.9	8.9#
68	4.4	5.1	7.7#

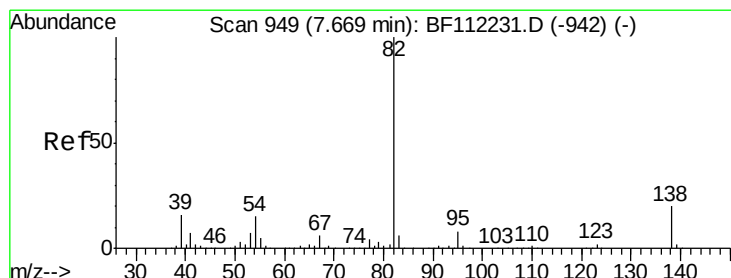
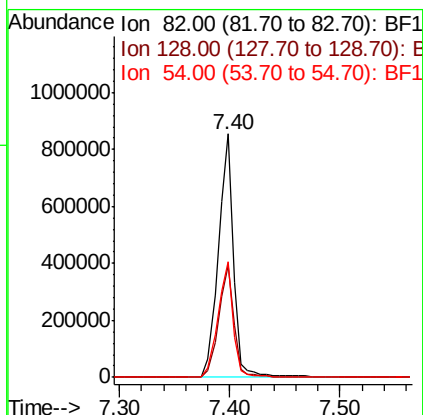
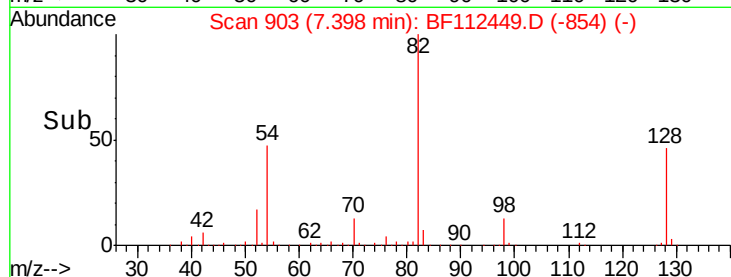
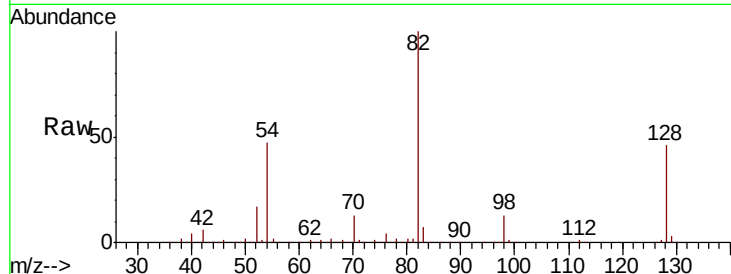




#23
 Nitrobenzene-d5
 Concen: 94.873 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112449.D
 Acq: 7 Feb 2019 20:16

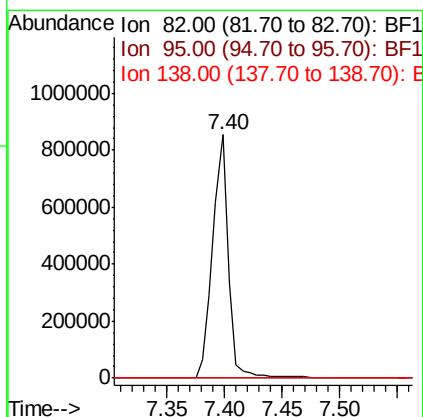
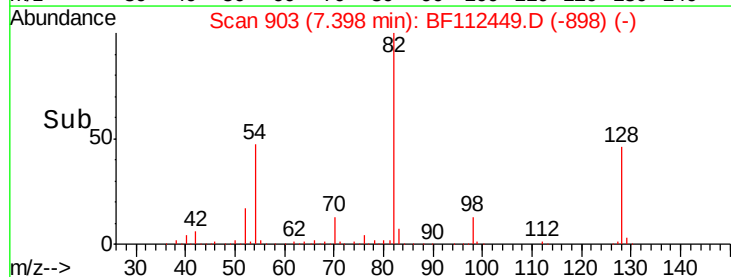
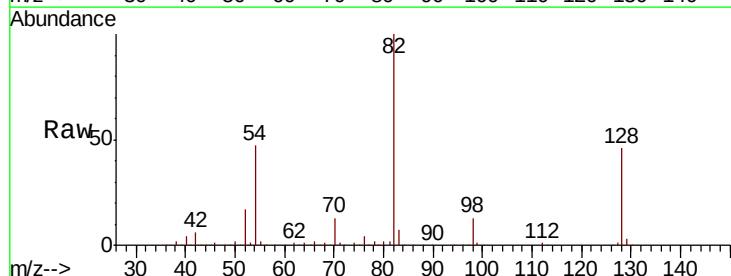
Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-4-57

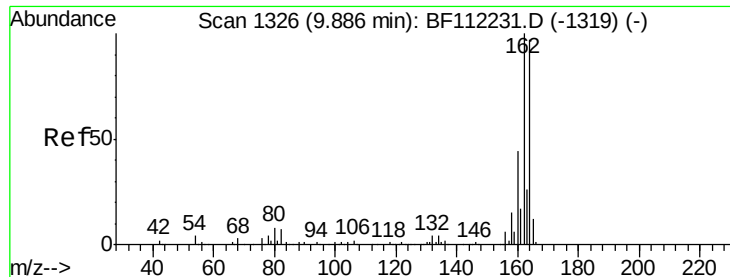
Tot Ion	82	Resp	818944
Ion Ratio	100	Lower	Upper
128	46.1	37.8	56.8
54	47.5	39.7	59.5



#25
 Isophorone
 Concen: 60.475 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112449.D
 Acq: 7 Feb 2019 20:16

Tgt Ion	82	Resp	818935
Ion Ratio	100	Lower	Upper
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: BF112449.D

Acq: 7 Feb 2019 20:16

Instrument :

BNA_F

ClientSampleId :

98-SB-01-4-57

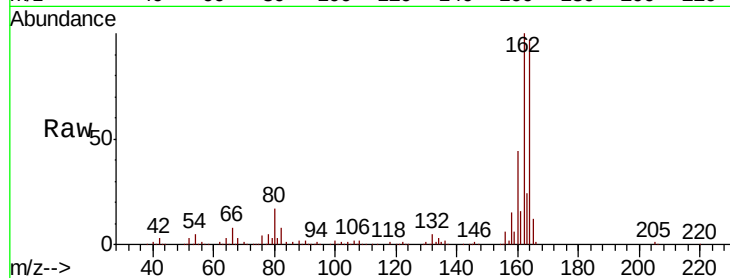
Tot Ion:164 Resp: 232558

Ion Ratio Lower Upper

164 100

162 103.2 82.2 123.4

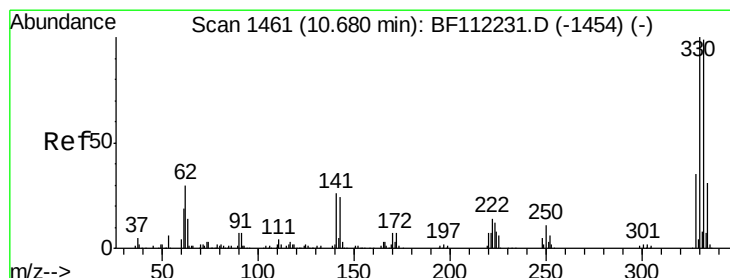
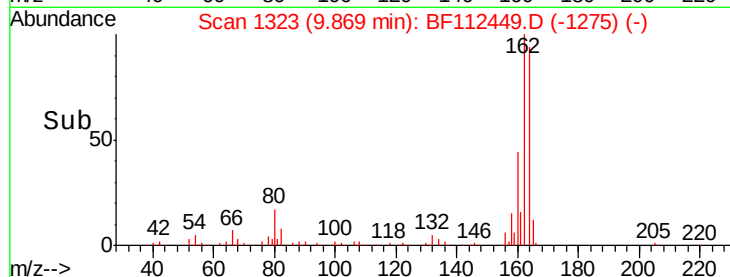
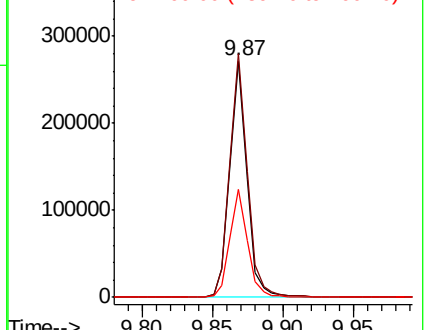
160 45.5 36.2 54.4



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: 130.856 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112449.D

Acq: 7 Feb 2019 20:16

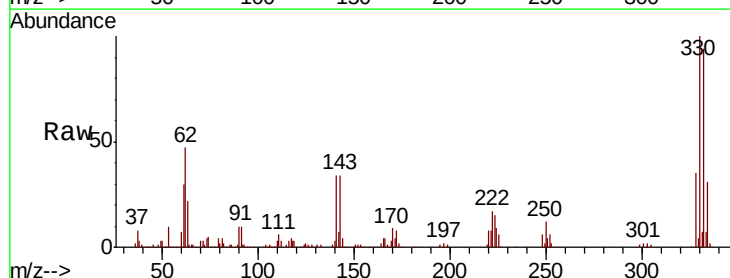
Tgt Ion:330 Resp: 354215

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

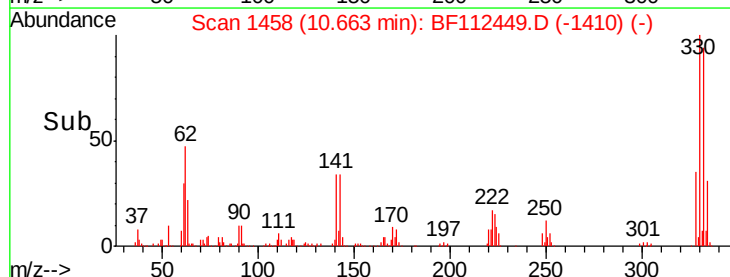
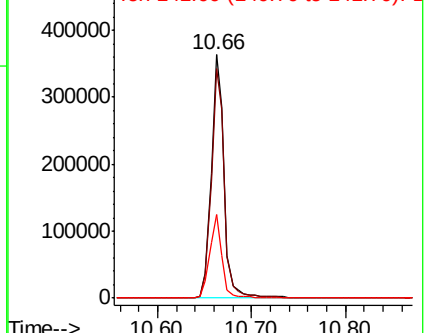
141 32.6 24.3 36.5

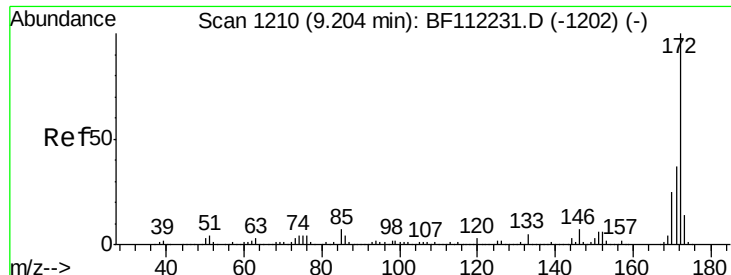


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

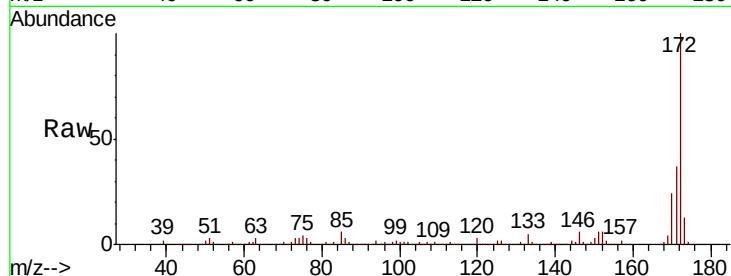




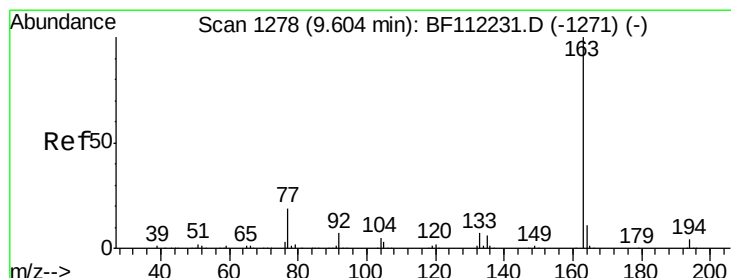
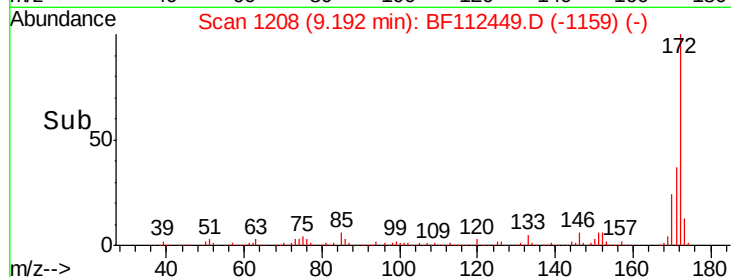
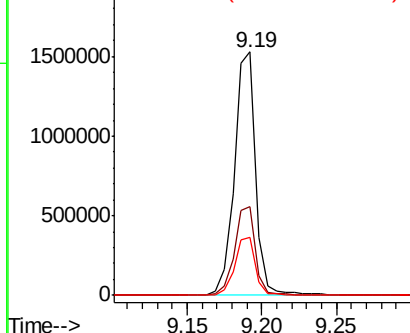
#45
2-Fluorobiphenyl
Concen: 92.953 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112449.D
Acq: 7 Feb 2019 20:16

Instrument :
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ClientSampleId :
98-SB-01-4-57

Tot Ion:172 Resp: 1528409
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.9 20.2 30.4

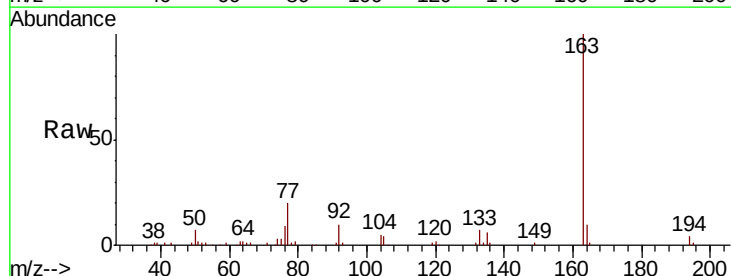


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

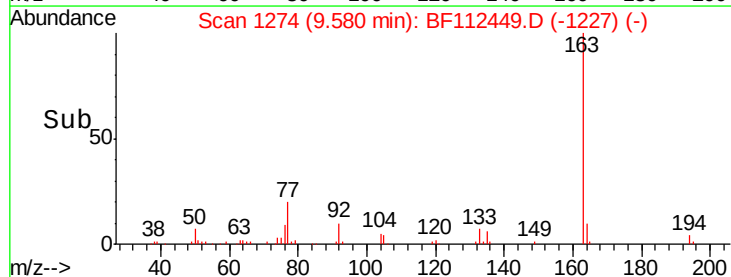
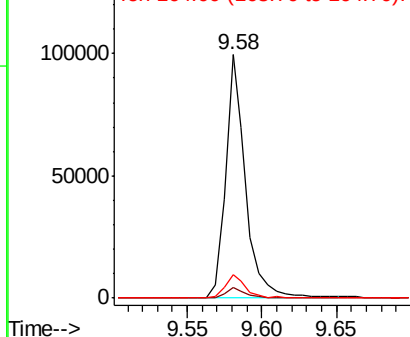


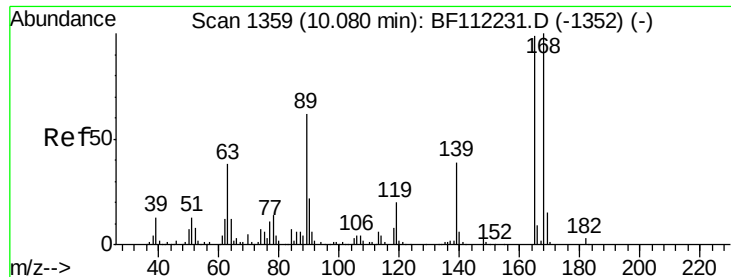
#50
Dimethylphthalate
Concen: 5.178 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112449.D
Acq: 7 Feb 2019 20:16

Tgt Ion:163 Resp: 93551
Ion Ratio Lower Upper
163 100
194 4.2 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: 5.660 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112449.D

Acq: 7 Feb 2019 20:16

Instrument :

BNA_F

ClientSampleId :

98-SB-01-4-57

Tot Ion:165 Resp: 29159

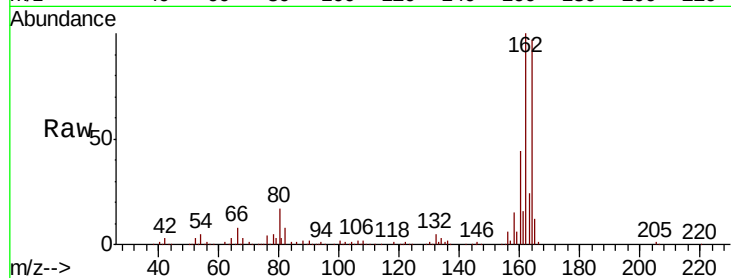
Ion Ratio Lower Upper

165 100

63 1.5 27.9 41.9#

89 1.7 47.9 71.9#

182 0.0 2.2 3.4#

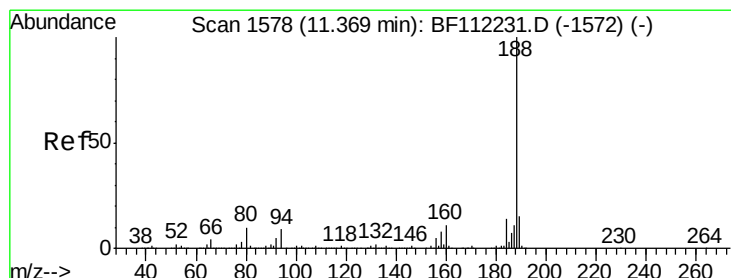
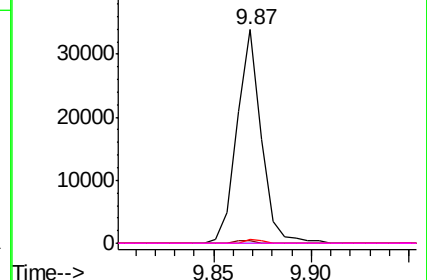
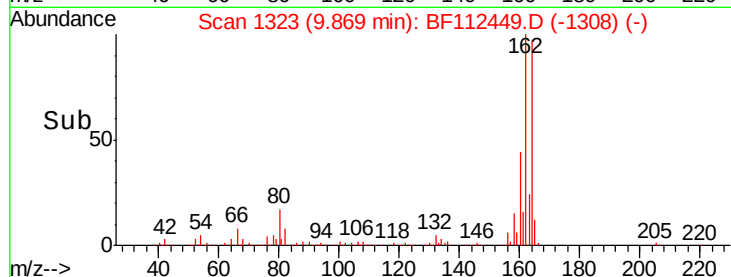


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112449.D

Acq: 7 Feb 2019 20:16

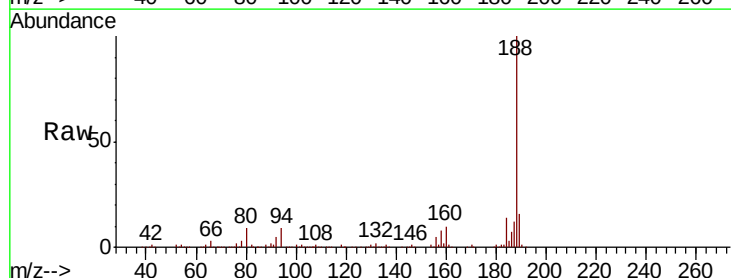
Tgt Ion:188 Resp: 398139

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

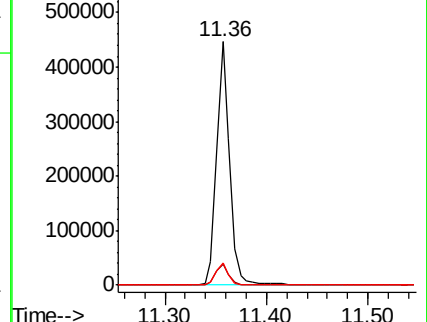
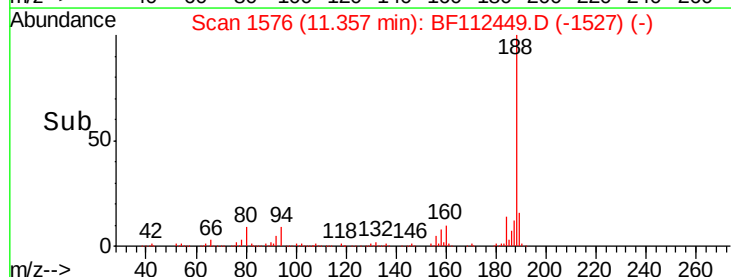
80 9.1 8.9 13.3

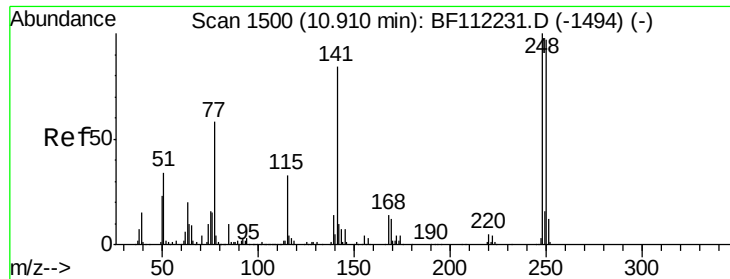


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

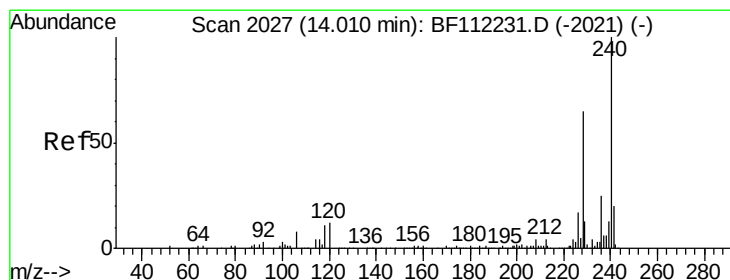
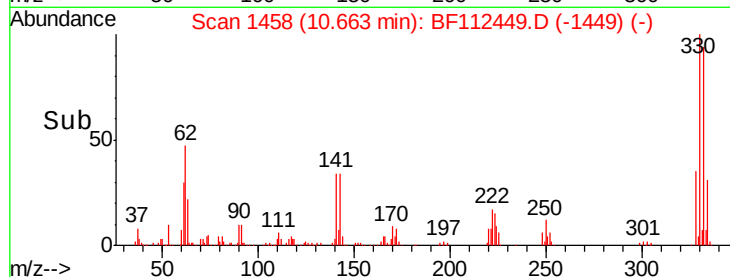
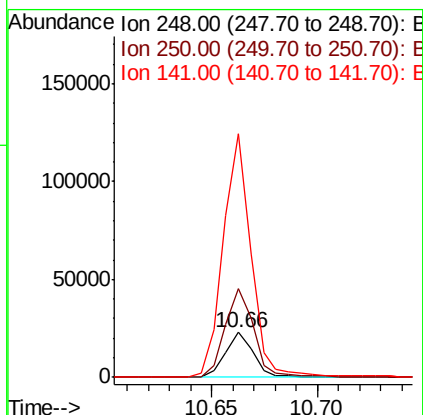
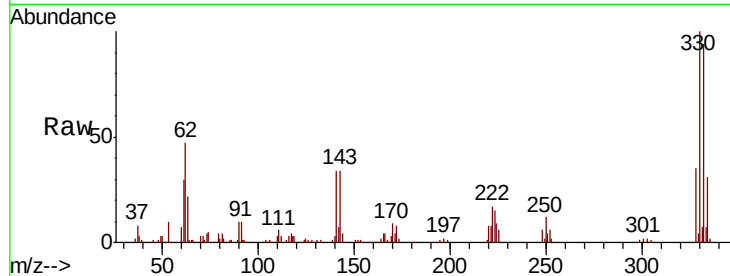




#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112449.D
Acq: 7 Feb 2019 20:16

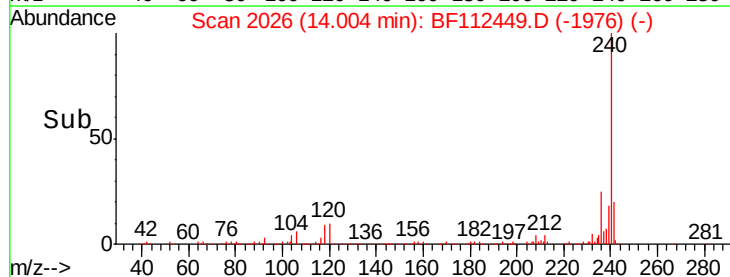
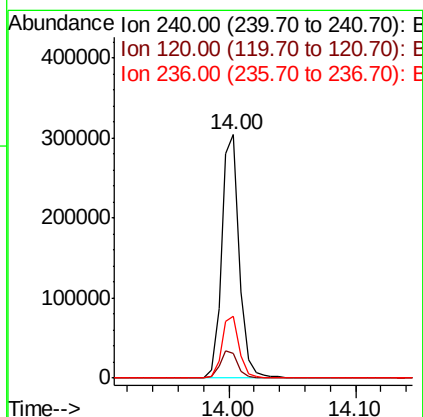
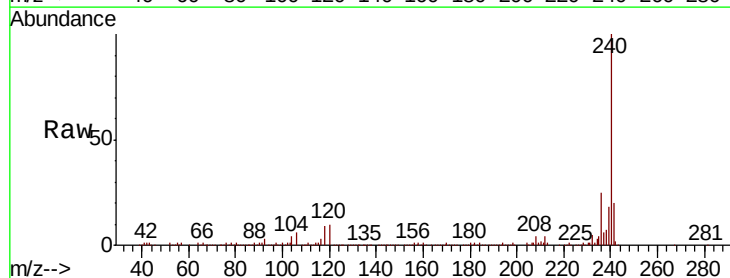
Instrument :
BNA_F
ClientSampleId :
98-SB-01-4-57

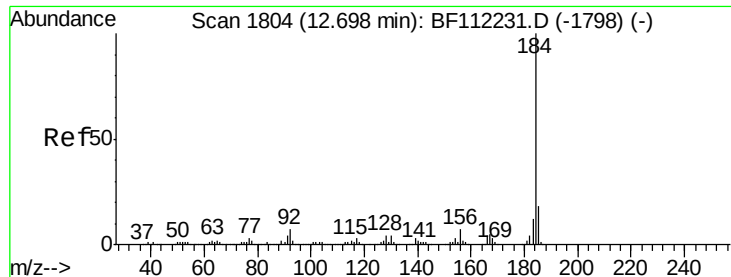
Tot Ion:248 Resp: 20836
Ion Ratio Lower Upper
248 100
250 198.8 79.7 119.5#
141 546.0 60.3 90.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112449.D
Acq: 7 Feb 2019 20:16

Tgt Ion:240 Resp: 294164
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 25.3 20.7 31.1





#77

Benzidine

Concen: 2.107 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.24 min

Lab File: BF112449.D

Acq: 7 Feb 2019 20:16

Instrument :

BNA_F

ClientSampleId :

98-SB-01-4-57

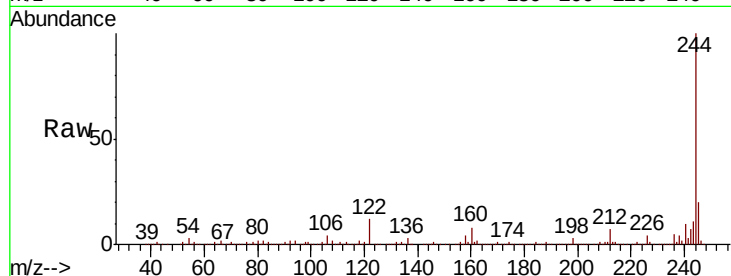
Tot Ion:184 Resp: 17056

Ion Ratio Lower Upper

184 100

185 14.9 13.9 20.9

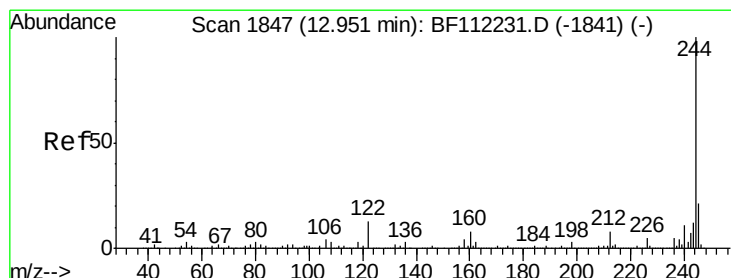
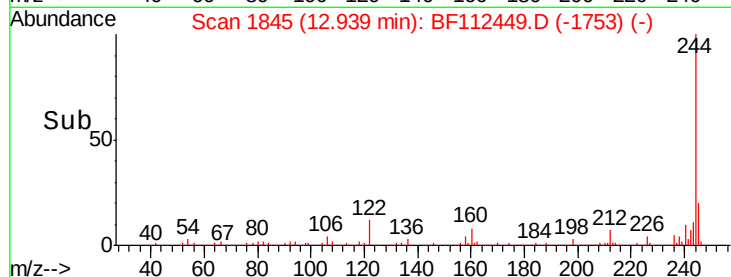
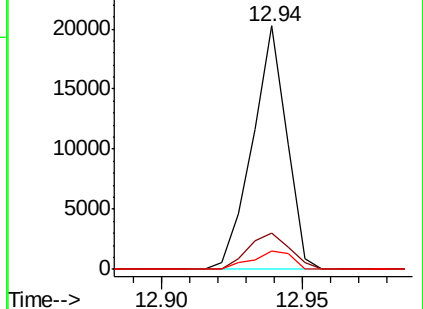
183 7.4 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 83.085 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112449.D

Acq: 7 Feb 2019 20:16

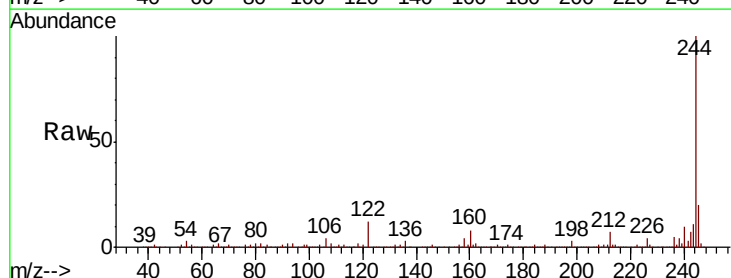
Tgt Ion:244 Resp: 1297654

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

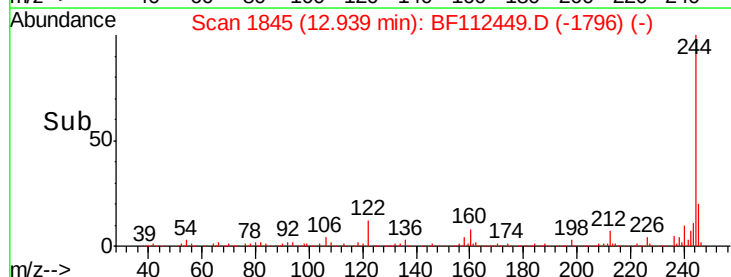
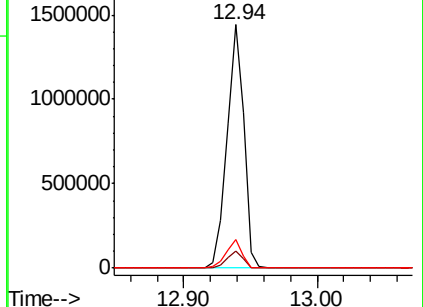
122 11.8 9.8 14.6

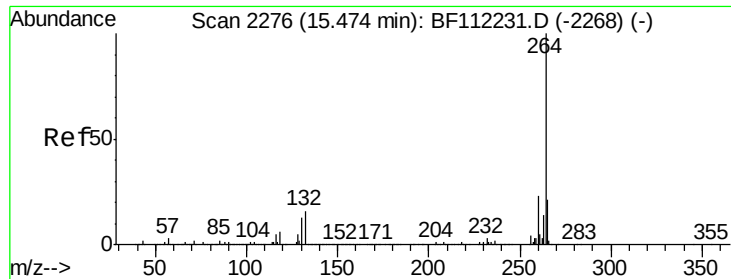


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlène-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112449.D
Acq: 7 Feb 2019 20:16

Instrument :
BNA_F
ClientSampleId :
98-SB-01-4-57

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.6	17.0	25.4

