

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110131.D
 Acq On : 24 Oct 2018 23:36
 Operator : JU/SJ
 Sample : J4768-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:15:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	116758	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	421418	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	164288	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	267031	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	216991	20.00	ng	-0.01
87) Perylene-d12	15.68	264	160670	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	719376	100.33	ng	0.00
7) Phenol-d6	6.59	99	882486	96.23	ng	-0.02
23) Nitrobenzene-d5	7.53	82	500452	70.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	144141	88.57	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	898746	85.90	ng	-0.01
79) Terphenyl-d14	13.09	244	746484	71.55	ng	-0.02

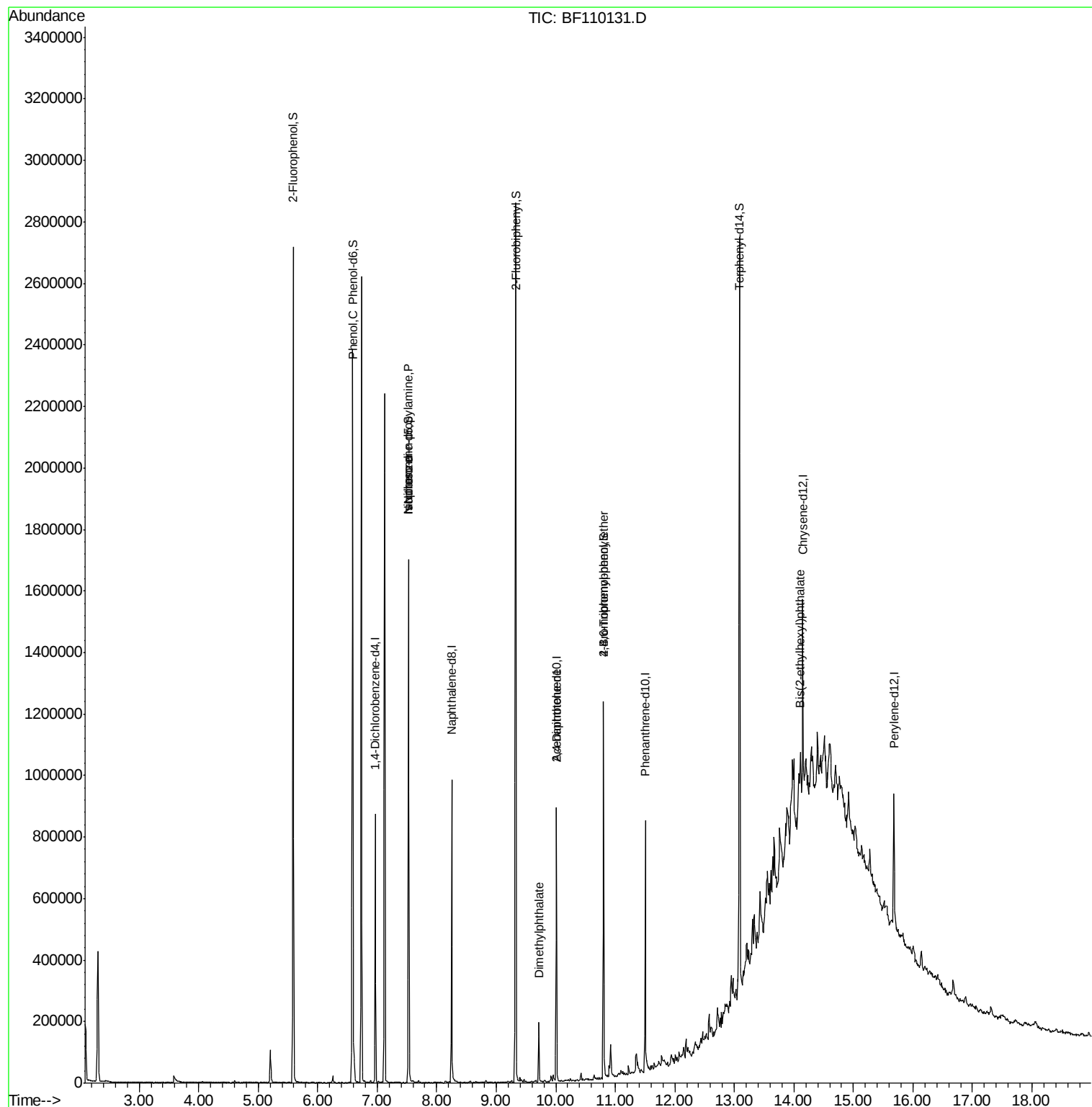
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	1548	Below Cal		# 1
10) Phenol	6.60	94	44467	4.536	ng	# 68
19) n-Nitroso-di-n-propylamine	7.53	70	67071	11.400	ng	# 82
25) Isophorone	7.53	82	500448	41.321	ng	# 67
50) Dimethylphthalate	9.72	163	73647	6.073	ng	98
57) 2,4-Dinitrotoluene	10.01	165	21104	6.360	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	9625	3.323	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.11	149	36859	4.038	ng	97

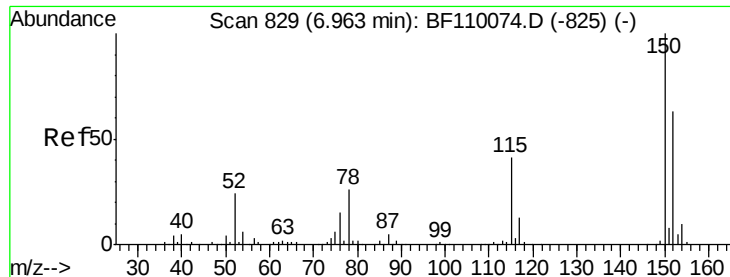
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
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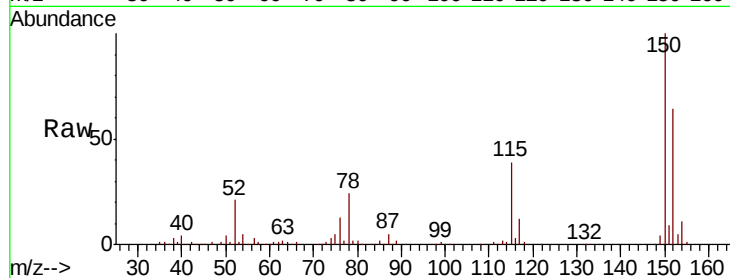


#1

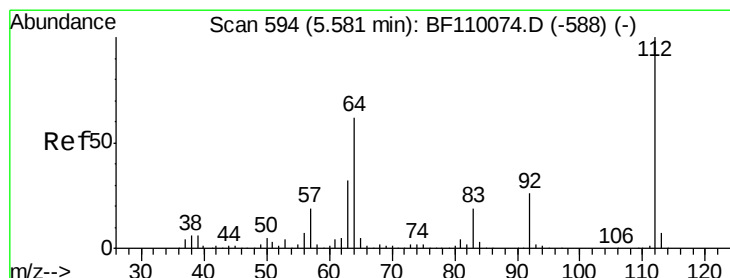
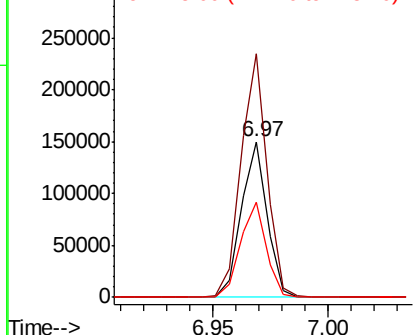
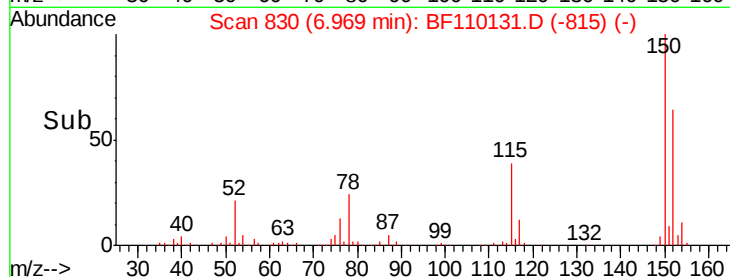
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116758
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 61.1 49.1 73.7



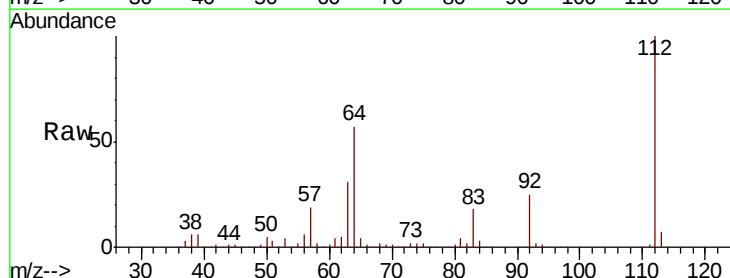
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



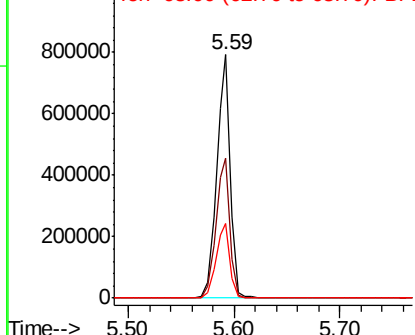
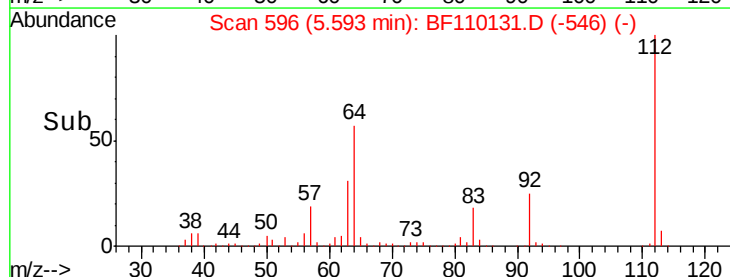
#5

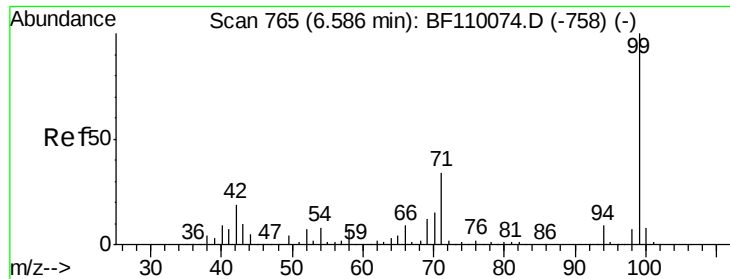
2-Fluorophenol
Concen: 100.333 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:112 Resp: 719376
Ion Ratio Lower Upper
112 100
64 57.5 44.1 66.1
63 30.7 23.7 35.5



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: 96.228 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

Instrument :

BNA_F

ClientSampleId :

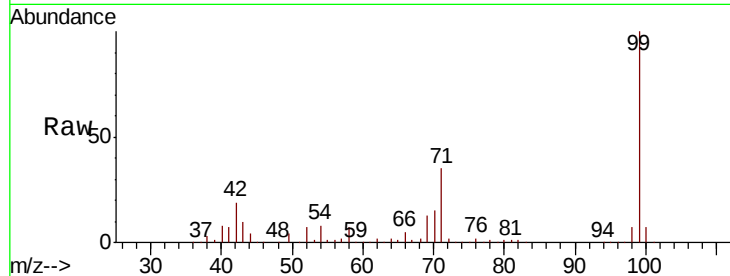
Tot Ion: 99 Resp: 882486

Ion Ratio Lower Upper

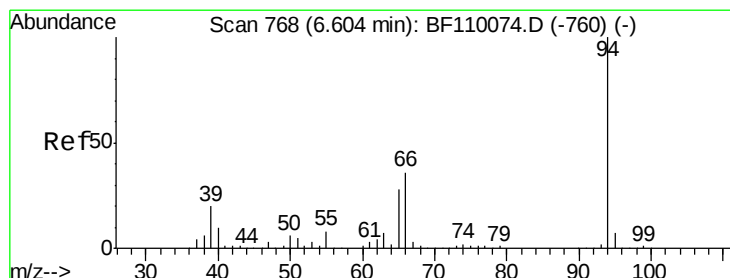
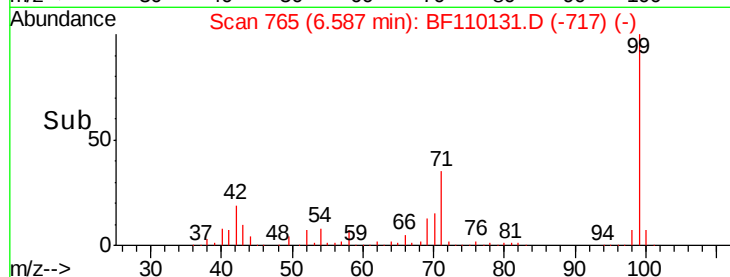
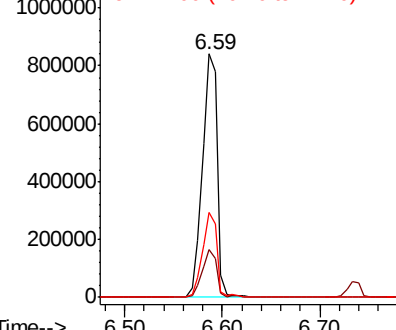
99 100

42 19.5 15.8 23.6

71 35.1 28.0 42.0



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: 4.536 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

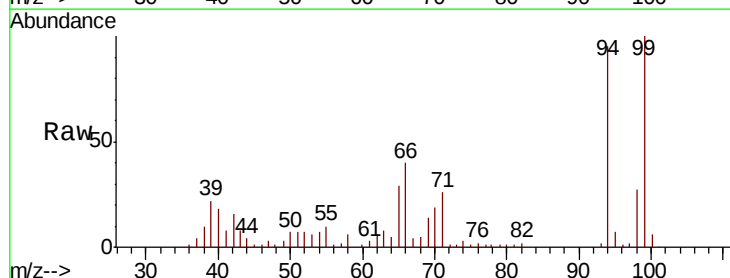
Tgt Ion: 94 Resp: 44467

Ion Ratio Lower Upper

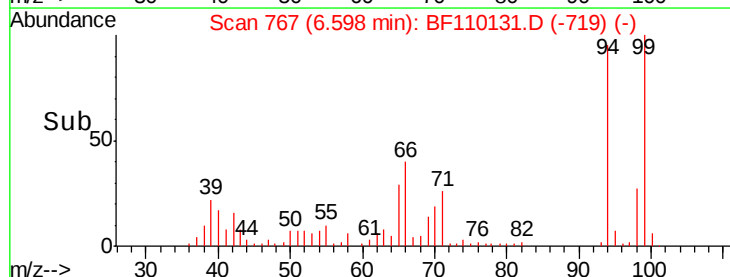
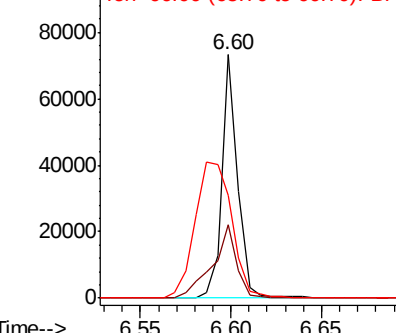
94 100

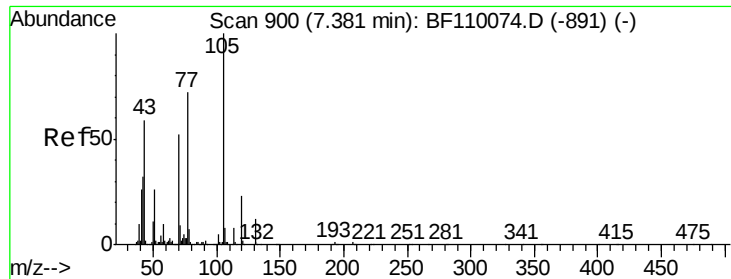
65 30.4 25.3 65.3

66 42.2 54.5 94.5#



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

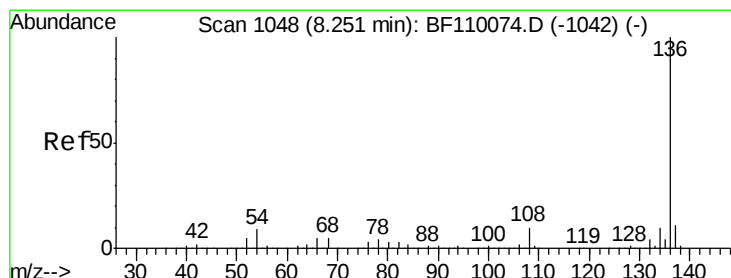
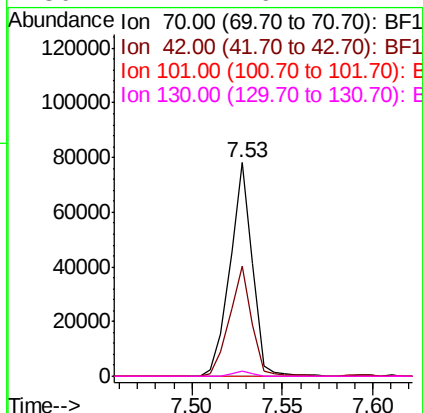
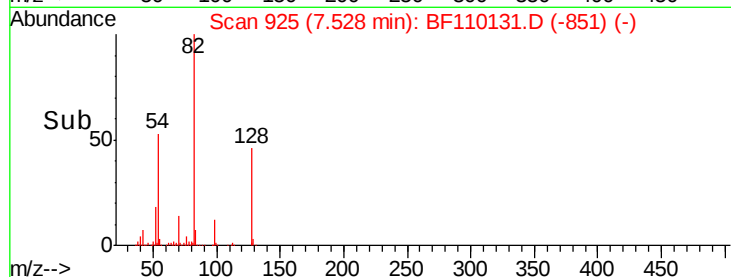
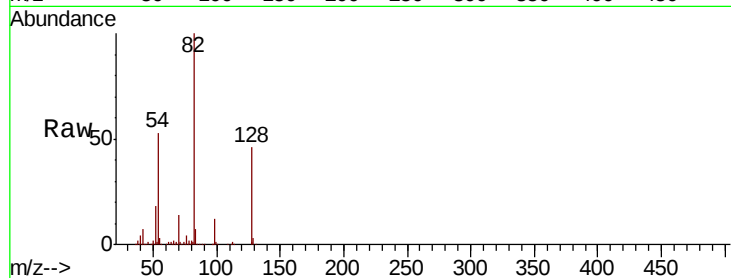




#19
n-Nitroso-di-n-propylamine
Concen: 11.400 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

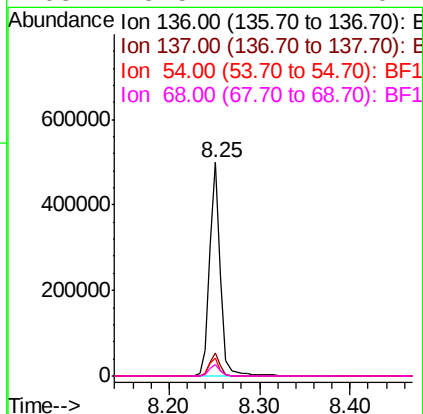
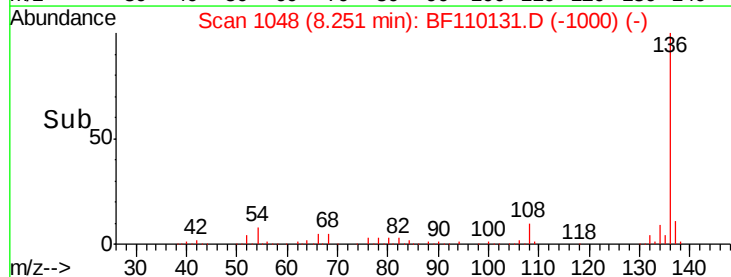
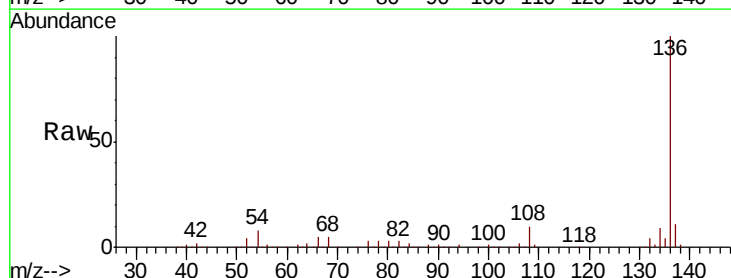
Instrument :
BNA_F
ClientSampled :

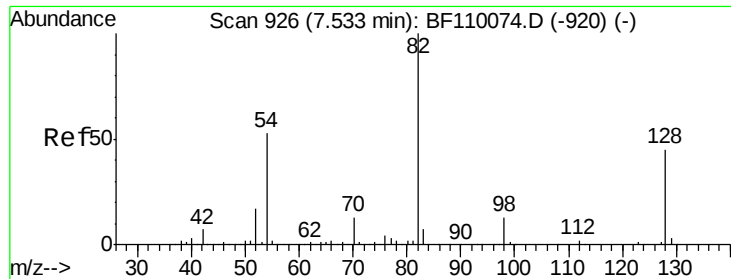
Tot Ion: 70 Resp: 67071
Ion Ratio Lower Upper
70 100
42 51.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion: 136 Resp: 421418
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 5.4 8.2
68 5.5 4.2 6.2

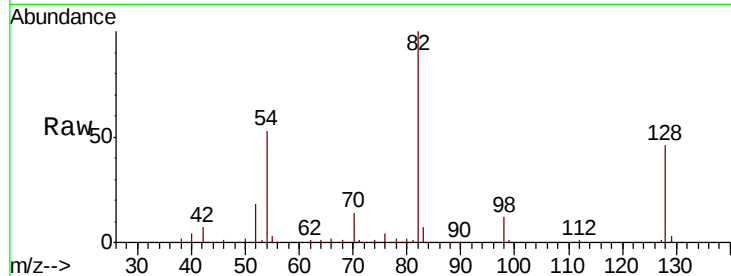




#23
 Nitrobenzene-d5
 Concen: 70.437 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110131.D
 Acq: 24 Oct 2018 23:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	500452
Ion Ratio	100	Lower	Upper
128	45.9	34.2	51.2
54	53.1	38.6	58.0

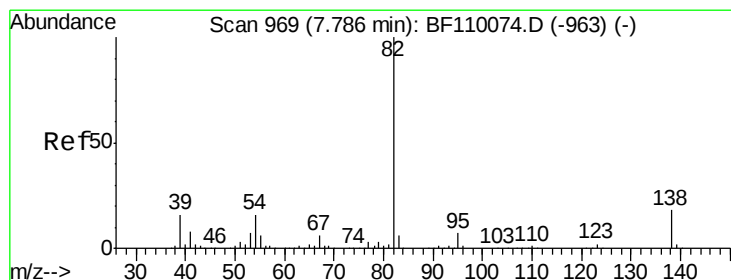
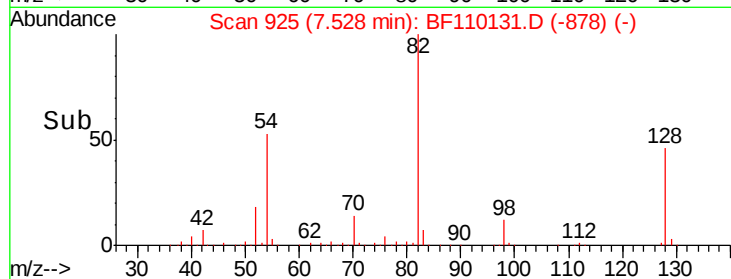
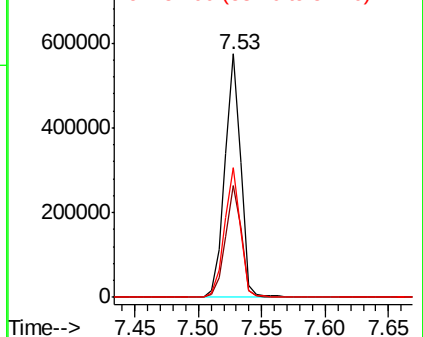


Abundance

Ion 82.00 (81.70 to 82.70): BF1

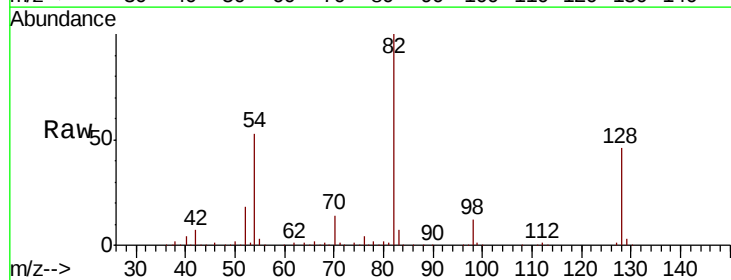
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
 Isophorone
 Concen: 41.321 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.28 min
 Lab File: BF110131.D
 Acq: 24 Oct 2018 23:36

Tgt Ion	82	Resp	500448
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

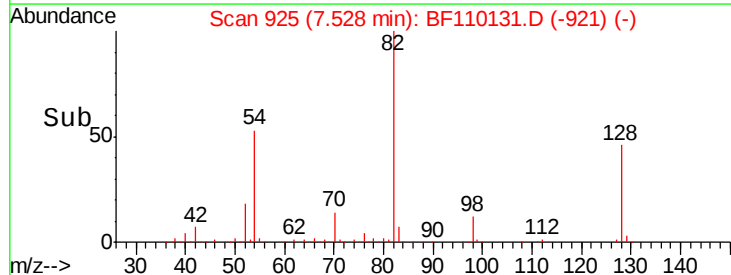
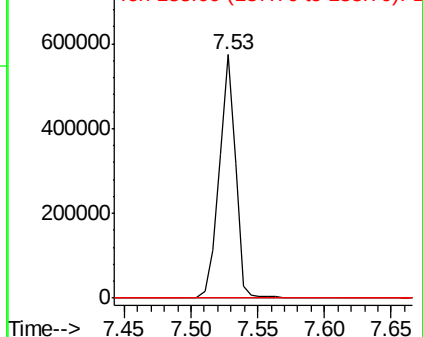


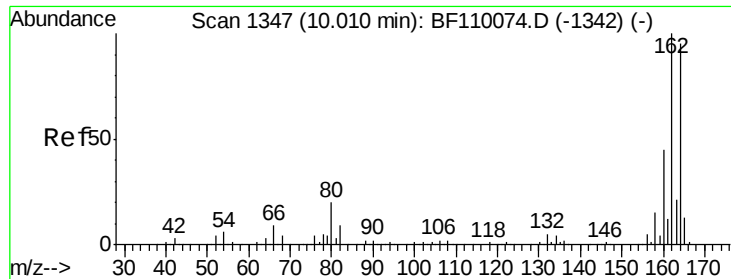
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

Instrument :

BNA_F

ClientSampleId :

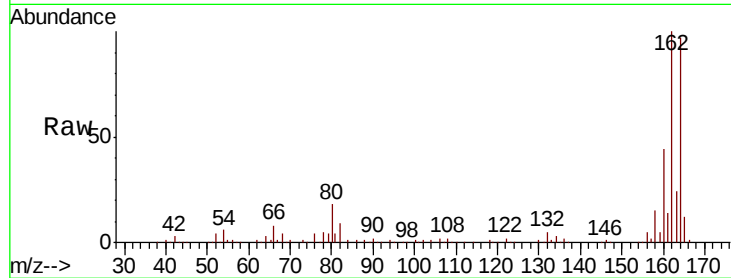
Tot Ion:164 Resp: 164288

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

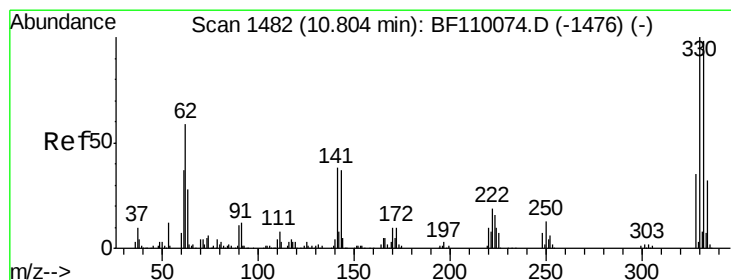
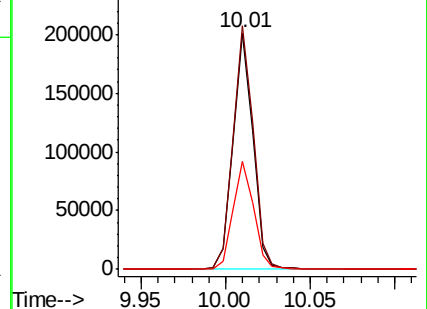
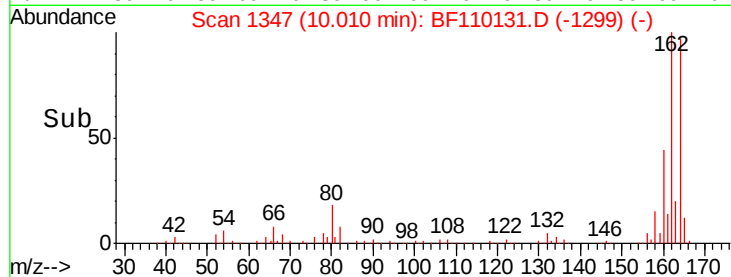
160 45.6 37.0 55.6



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: 88.572 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

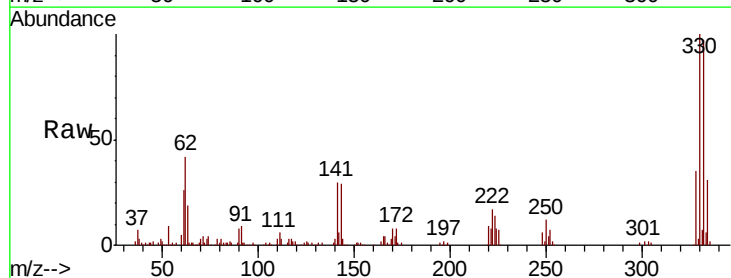
Tgt Ion:330 Resp: 144141

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

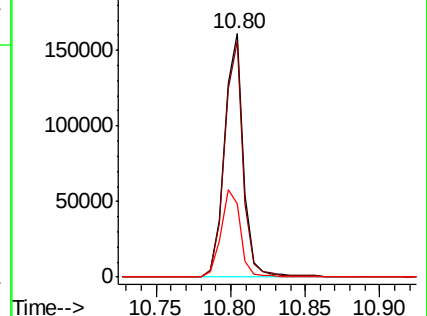
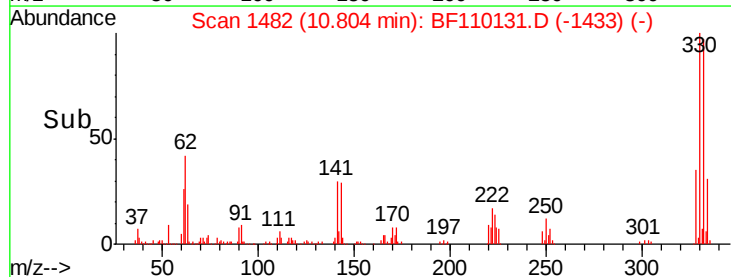
141 37.1 27.0 40.4

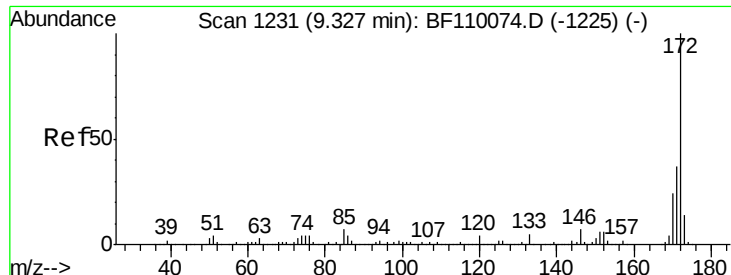


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

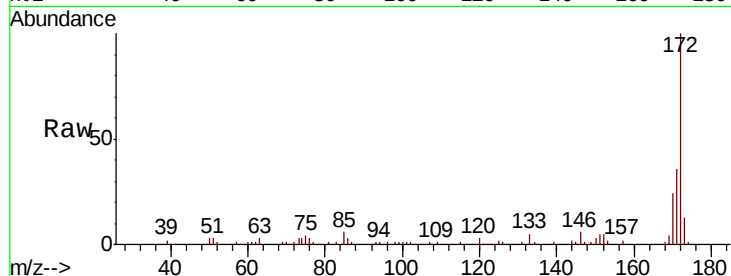




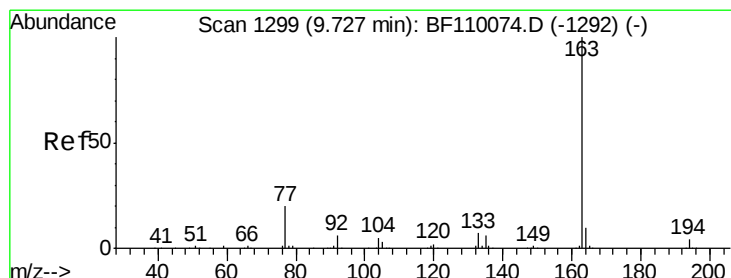
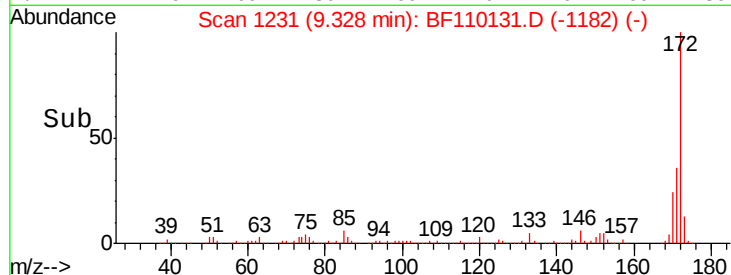
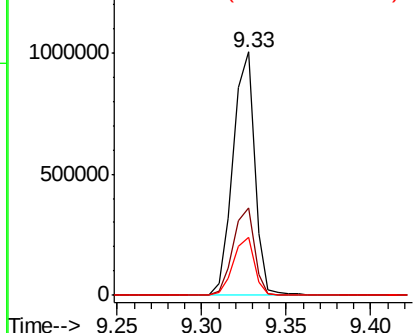
#45
2-Fluorobiphenyl
Concen: 85.902 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	19.7	29.5

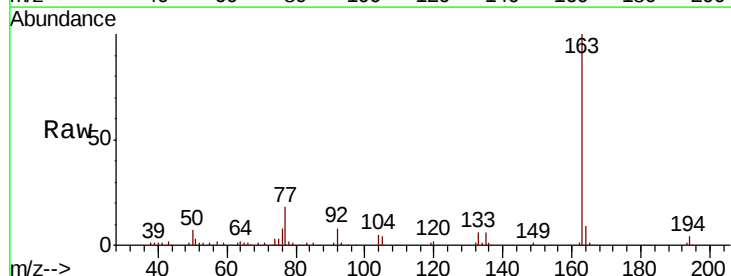


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

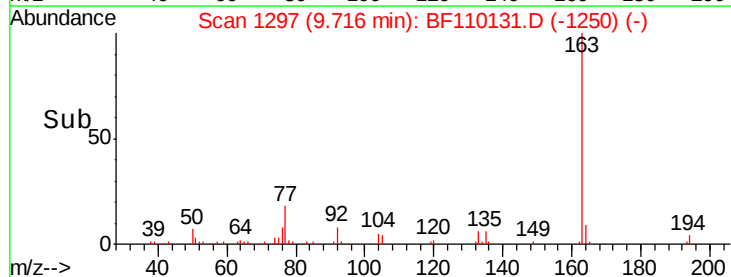
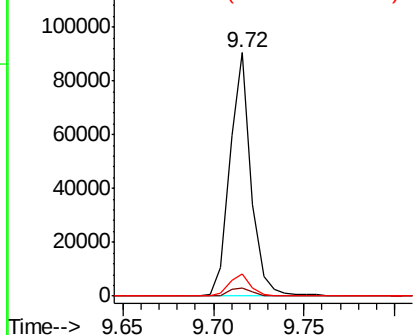


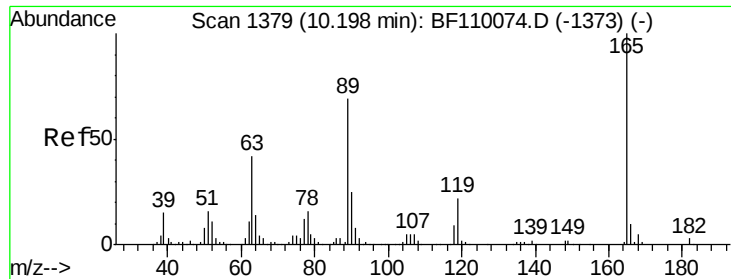
#50
Dimethylphthalate
Concen: 6.073 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.2	8.1	12.1



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

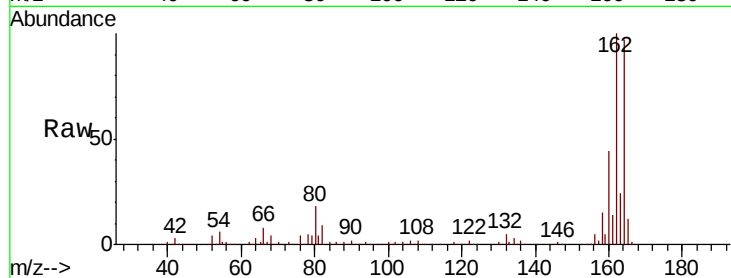




#57
2,4-Dinitrotoluene
Concen: 6.360 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



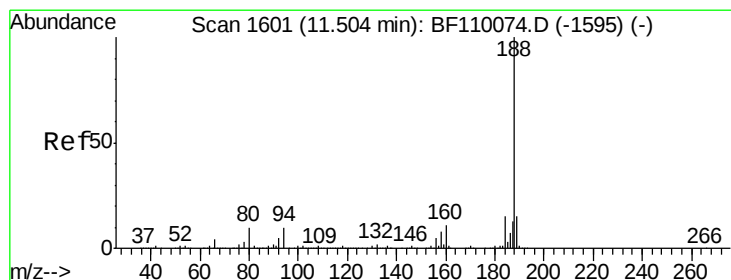
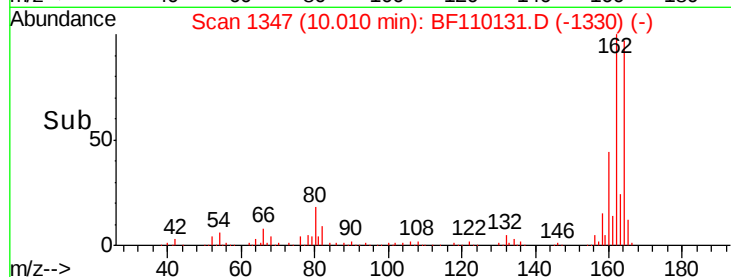
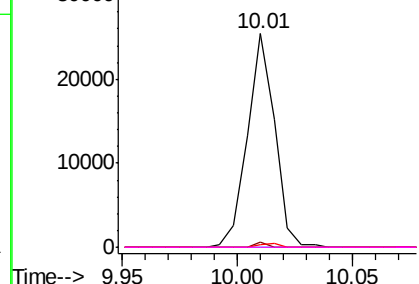
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

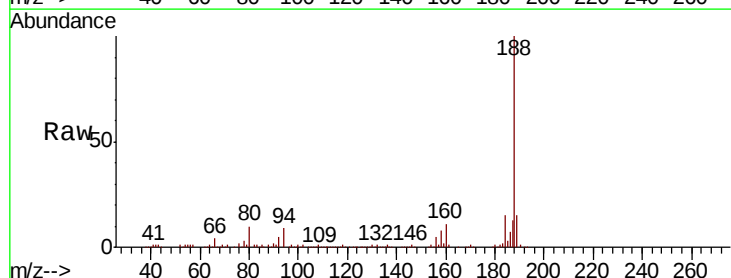
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.1	7.9	11.9

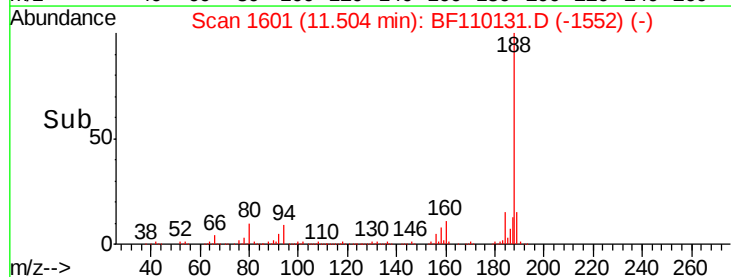
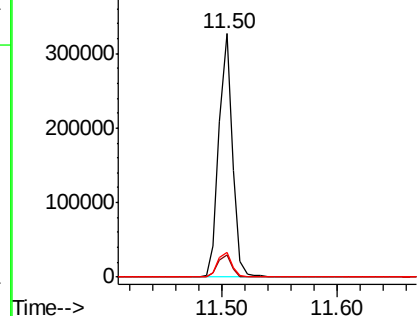


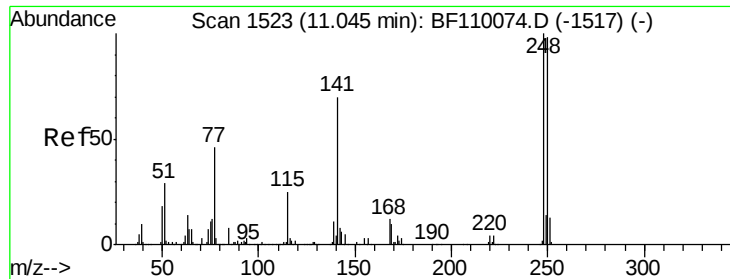
Abundance

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

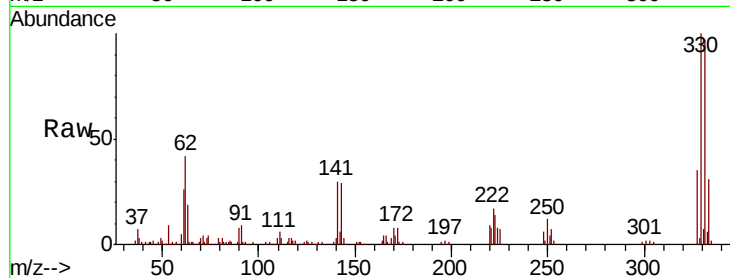




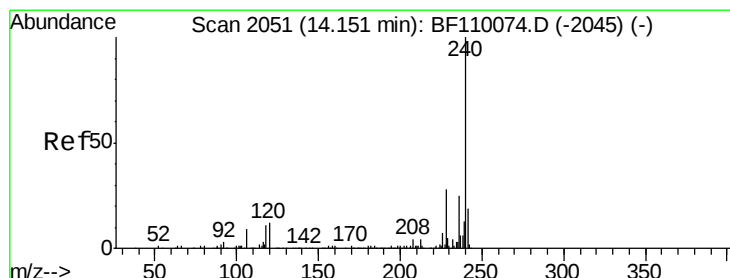
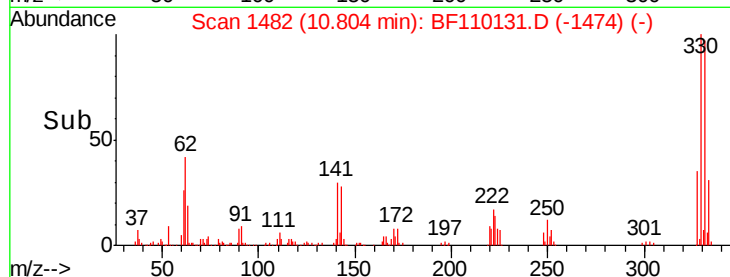
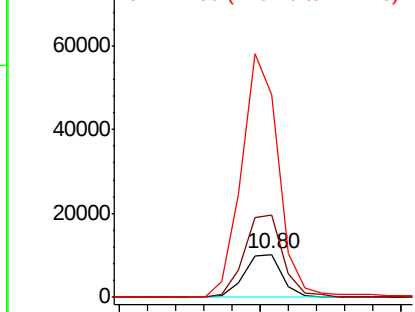
#67
 4-Bromophenyl-phenylether
 Concen: 3.323 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF110131.D
 Acq: 24 Oct 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9625
 Ion Ratio Lower Upper
 248 100
 250 194.2 79.4 119.2#
 141 474.1 55.9 83.9#

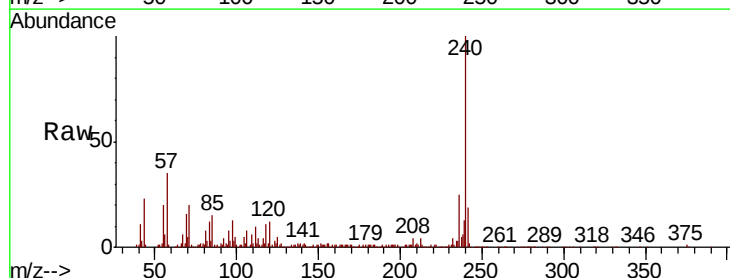


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

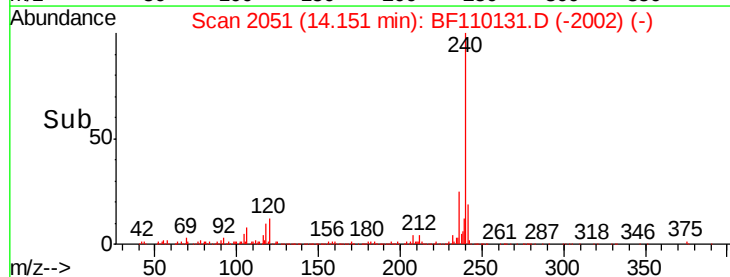
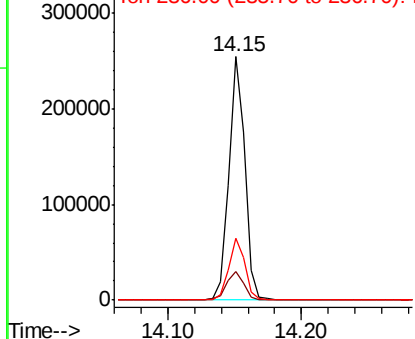


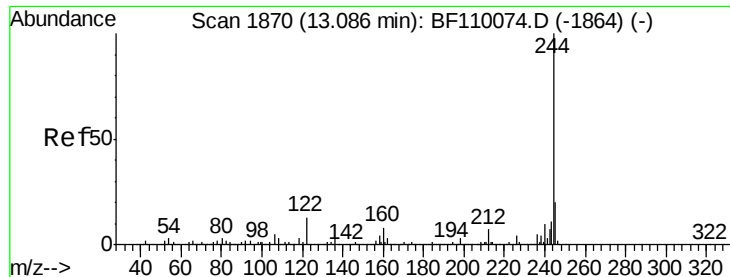
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110131.D
 Acq: 24 Oct 2018 23:36

Tgt Ion:240 Resp: 216991
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 25.3 21.2 31.8



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: 71.545 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

Instrument :

BNA_F

ClientSampled :

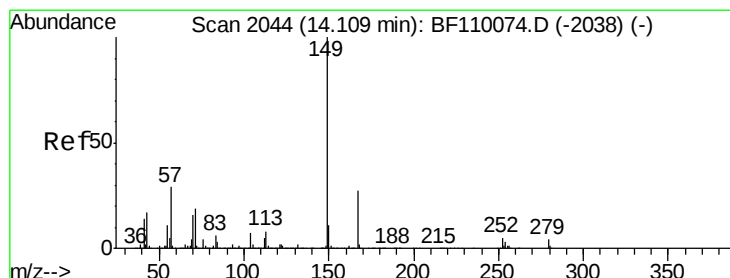
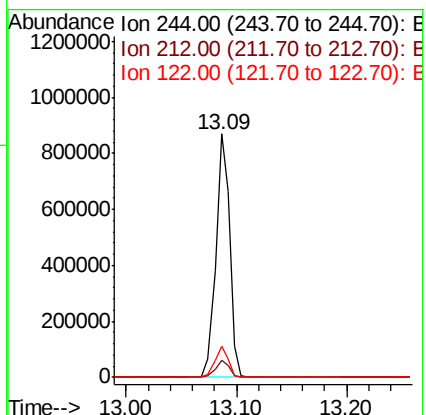
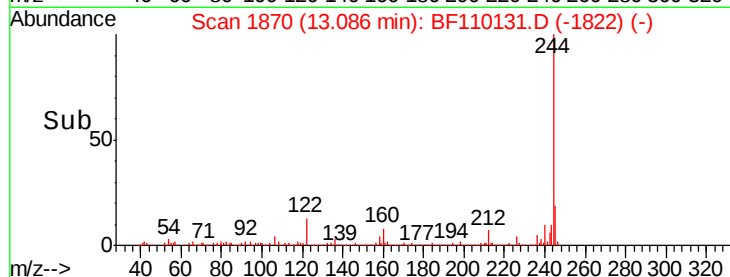
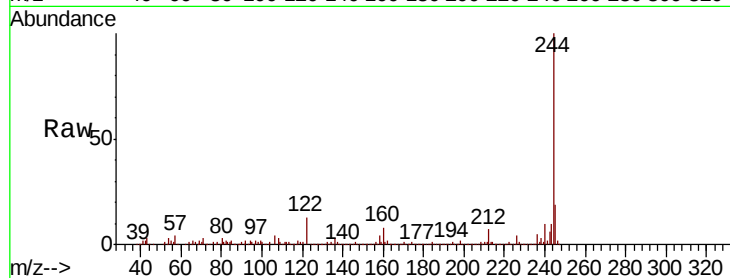
Tot Ion:244 Resp: 746484

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 13.0 8.7 13.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.038 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110131.D

Acq: 24 Oct 2018 23:36

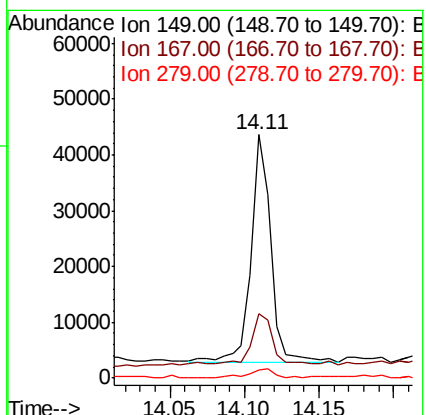
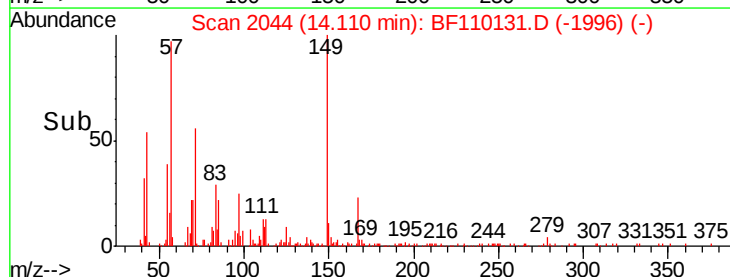
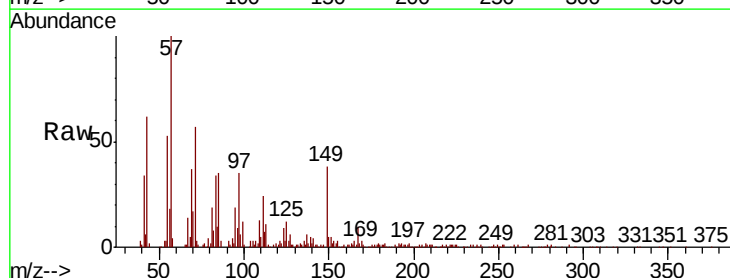
Tgt Ion:149 Resp: 36859

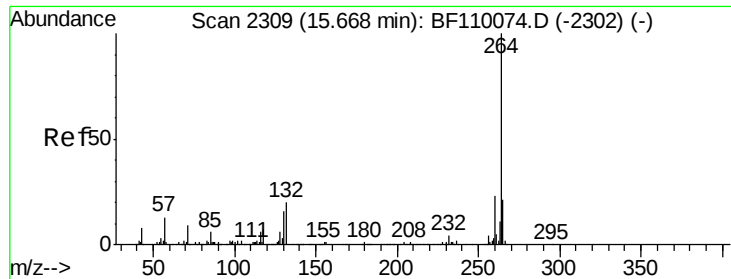
Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

279 3.6 2.7 4.1

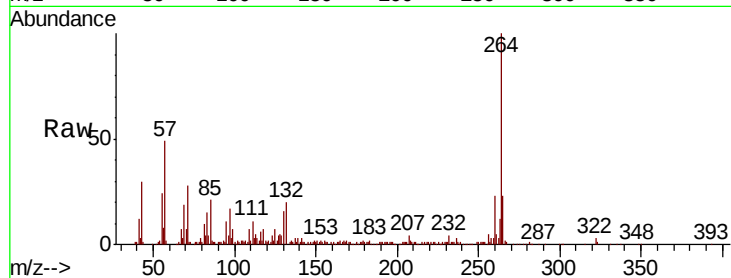




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	23.3	16.7	25.1



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

