

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110560.D
 Acq On : 7 Nov 2018 17:27
 Operator : JU/SJ
 Sample : J5762-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:22:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

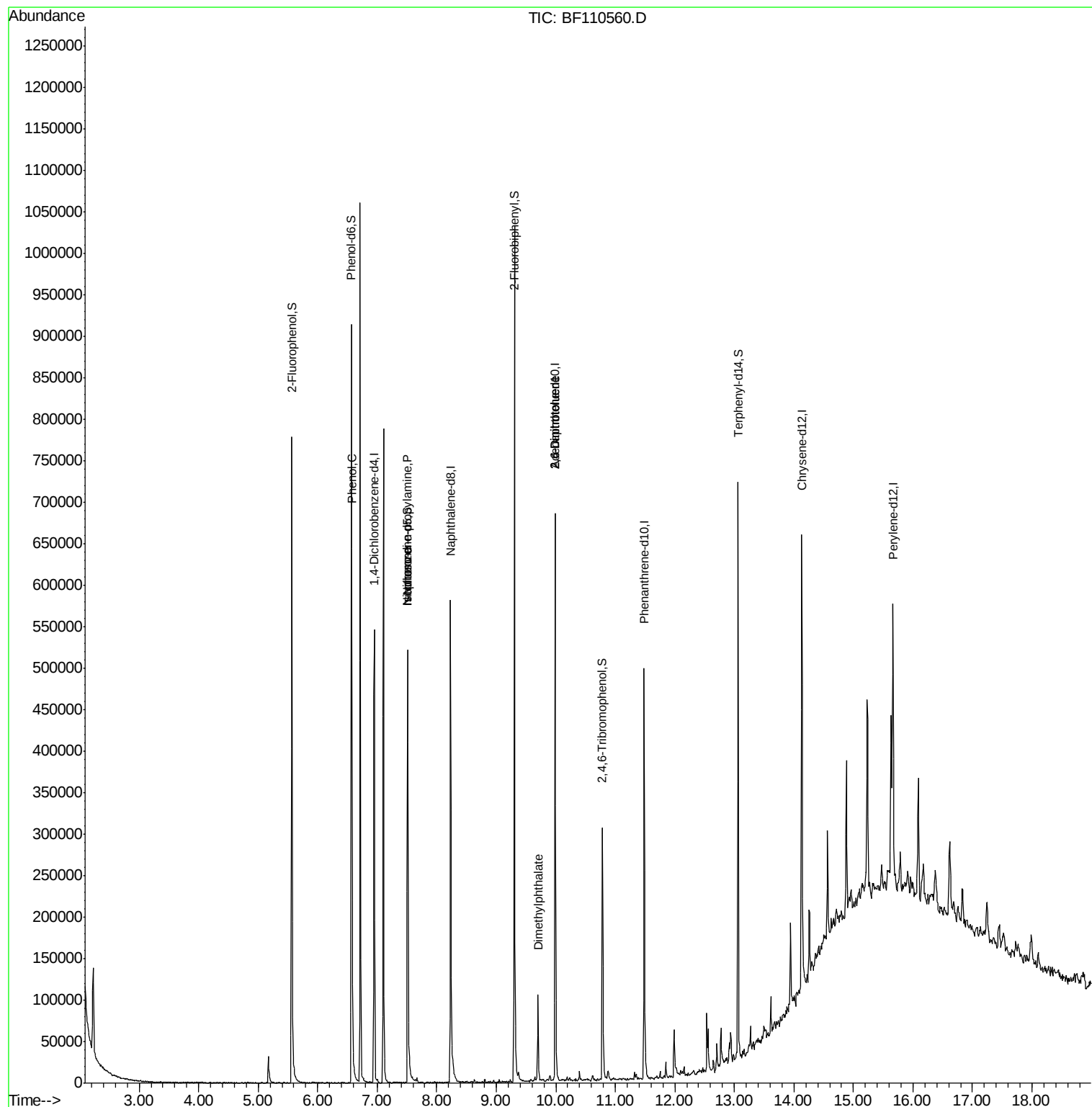
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	83527	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	325169	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	134457	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	199408	20.00	ng	0.00
76) Chrysene-d12	14.13	240	184521	20.00	ng	0.00
87) Perylene-d12	15.66	264	171084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	233731	45.57	ng	-0.01
7) Phenol-d6	6.57	99	315021	48.02	ng	-0.01
23) Nitrobenzene-d5	7.51	82	193948	35.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	43271	32.49	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	338573	39.54	ng	-0.01
79) Terphenyl-d14	13.06	244	221860	25.01	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	343	Below Cal	#	1
10) Phenol	6.58	94	20804	2.967 ng	#	75
19) n-Nitroso-di-n-propylamine	7.51	70	24663	5.860 ng	#	80
25) Isophorone	7.51	82	193946	20.754 ng	#	67
50) Dimethylphthalate	9.70	163	47930	4.829 ng		98
51) 2,6-Dinitrotoluene	9.99	165	16652	7.789 ng	#	21
57) 2,4-Dinitrotoluene	9.99	165	16652	6.132 ng	#	17
77) Benzidine	13.06	184	3137	Below Cal	#	88

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

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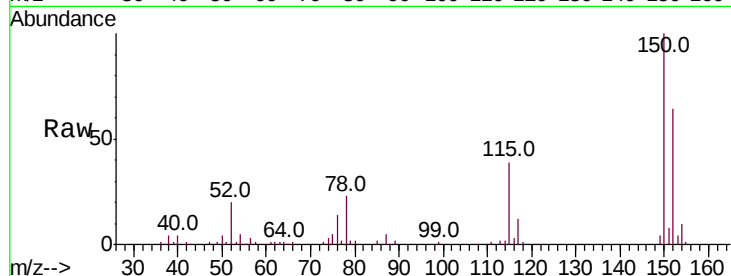


#1

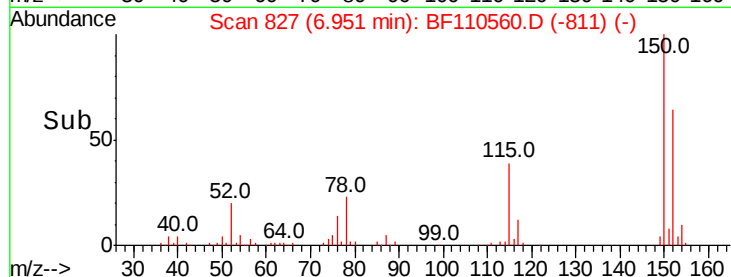
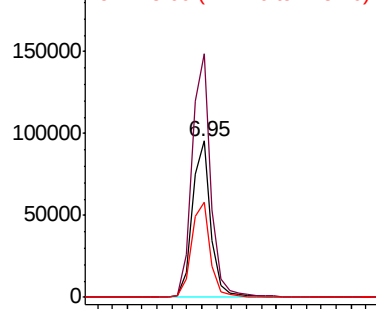
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83527
Ion Ratio Lower Upper
152 100
150 155.8 122.7 184.1
115 60.5 49.1 73.7



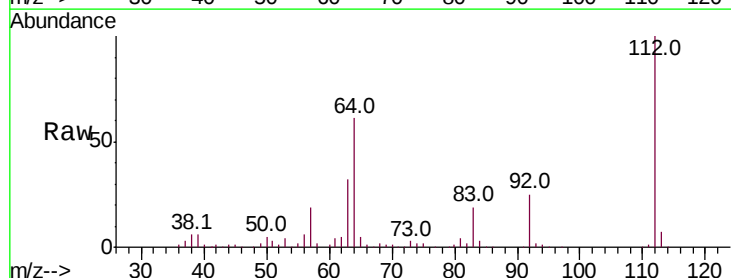
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



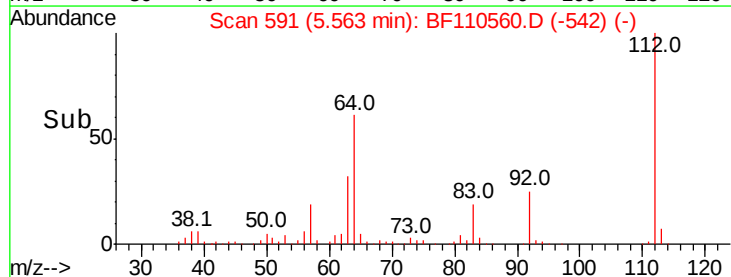
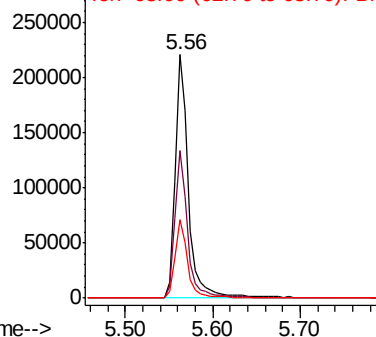
#5

2-Fluorophenol
Concen: 45.568 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:112 Resp: 233731
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 32.1 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: 48.017 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

Instrument :

BNA_F

ClientSampleId :

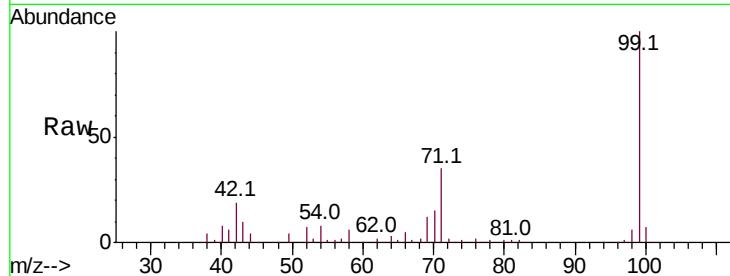
Tot Ion: 99 Resp: 315021

Ion Ratio Lower Upper

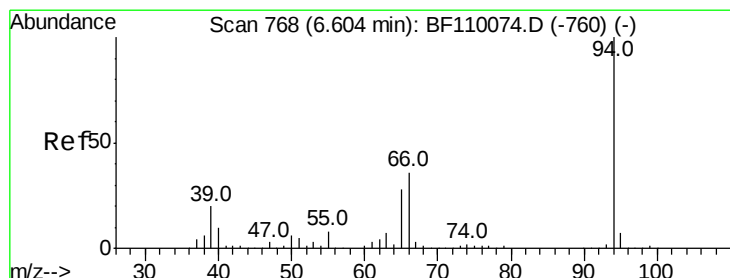
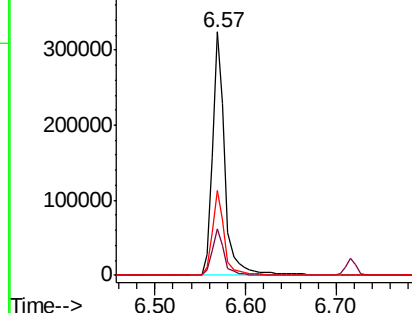
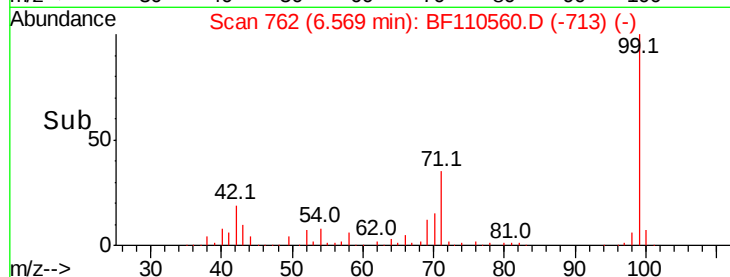
99 100

42 19.3 15.8 23.6

71 34.8 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: 2.967 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

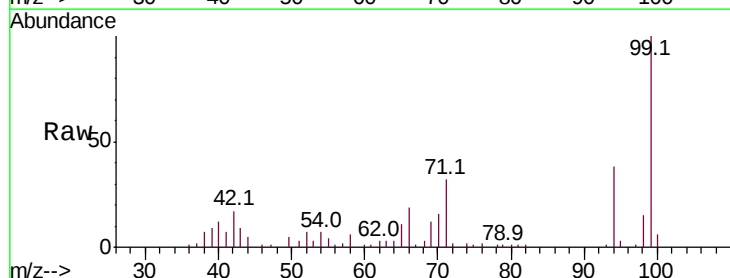
Tgt Ion: 94 Resp: 20804

Ion Ratio Lower Upper

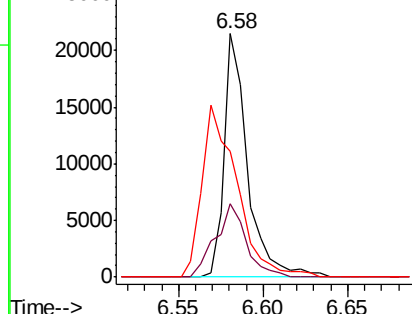
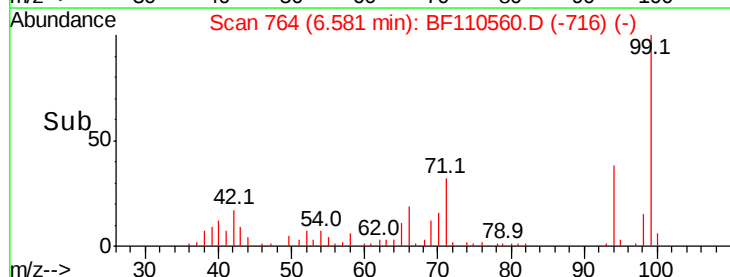
94 100

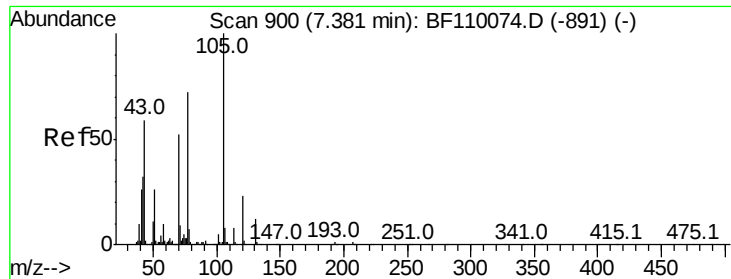
65 30.4 25.3 65.3

66 51.5 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

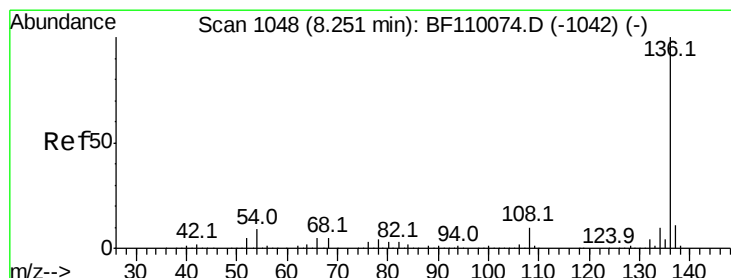
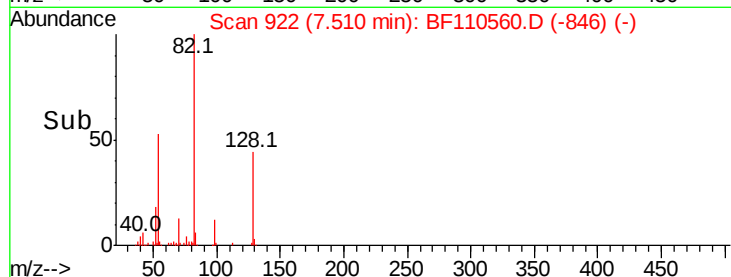
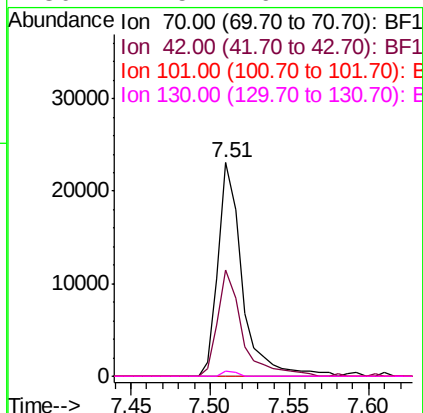
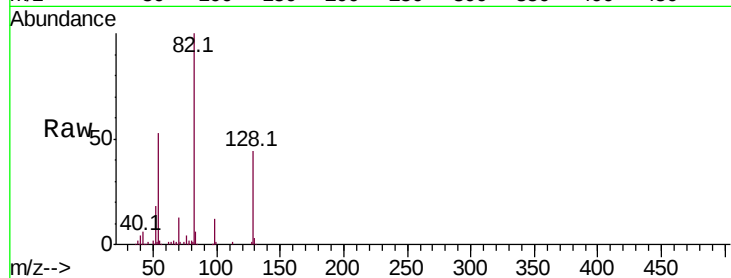




#19
n-Nitroso-di-n-propylamine
Concen: 5.860 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

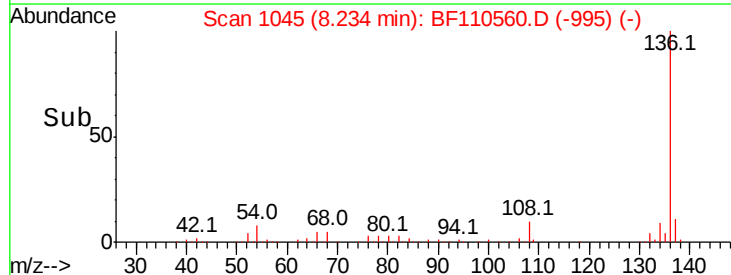
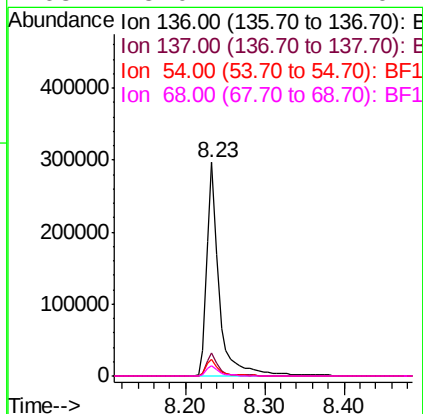
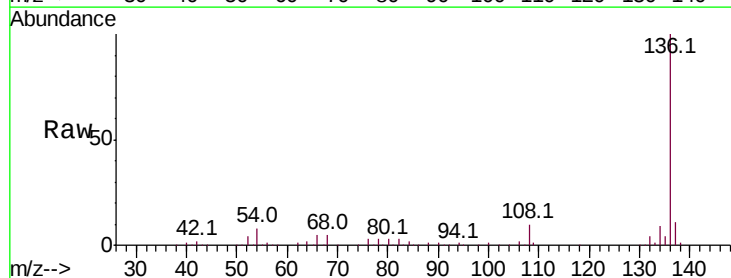
Instrument :
BNA_F
ClientSampleId :

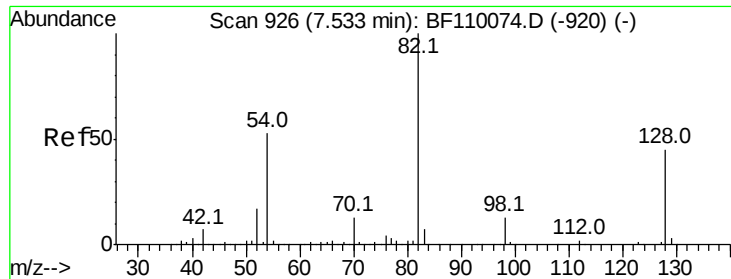
Tot Ion: 70 Resp: 24663
Ion Ratio Lower Upper
70 100
42 49.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:136 Resp: 325169
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 5.4 8.2
68 5.0 4.2 6.2

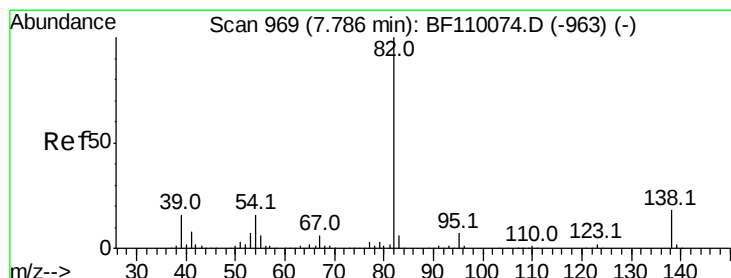
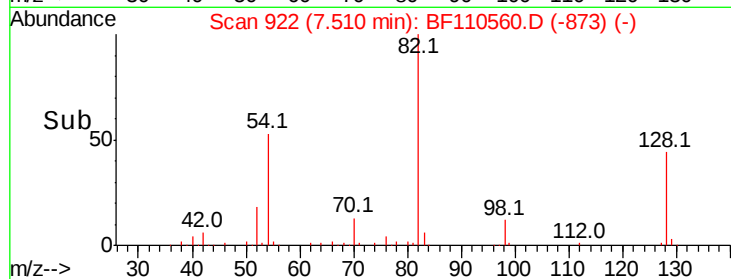
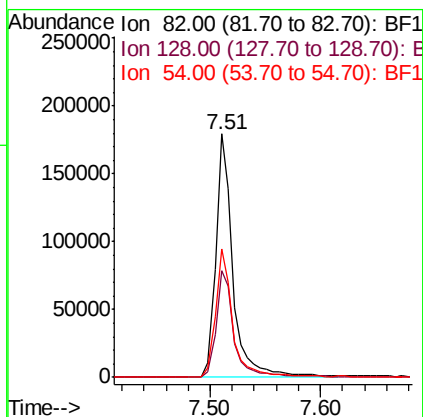
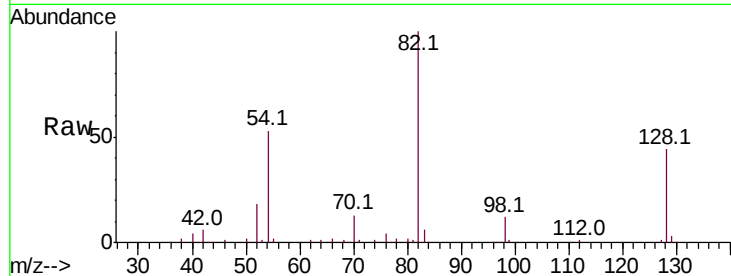




#23
 Nitrobenzene-d5
 Concen: 35.378 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110560.D
 Acq: 7 Nov 2018 17:27

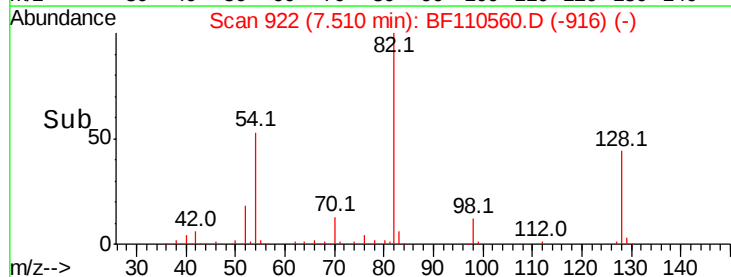
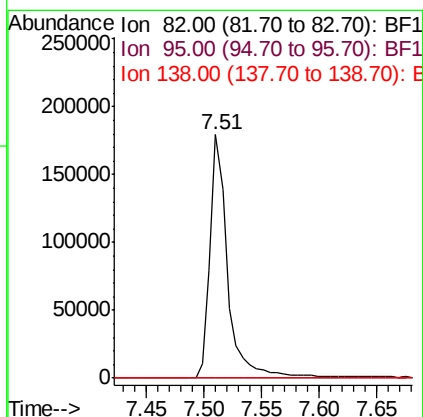
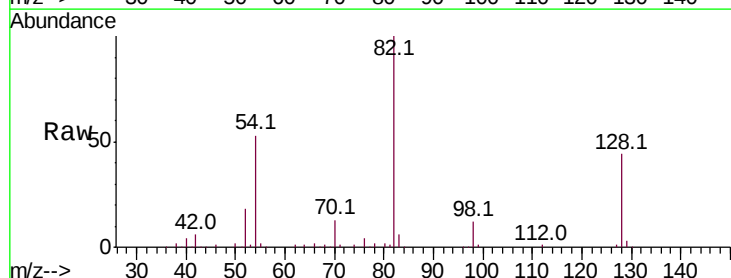
Instrument :
 BNA_F
 ClientSampled :

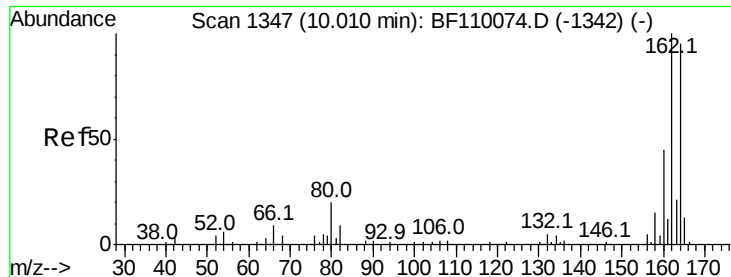
Tot Ion	82	Resp	193948
Ion Ratio	Lower	Upper	
82	100		
128	44.0	34.2	51.2
54	52.8	38.6	58.0



#25
 Isophorone
 Concen: 20.754 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110560.D
 Acq: 7 Nov 2018 17:27

Tgt Ion	82	Resp	193946
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

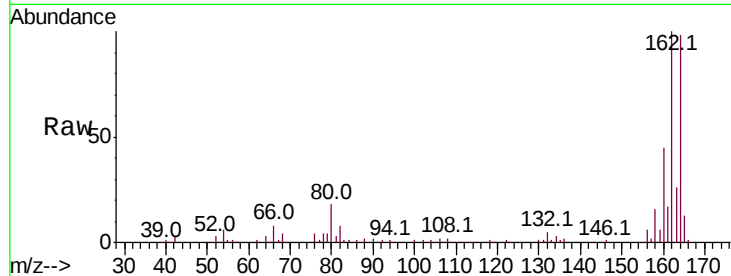




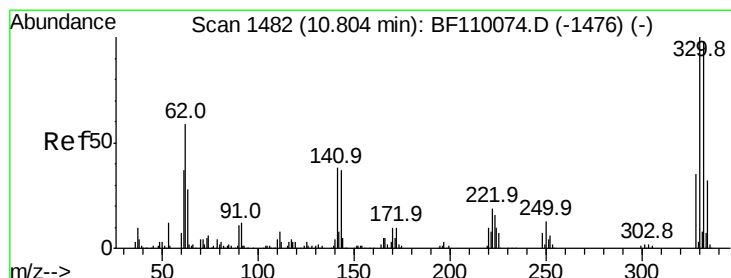
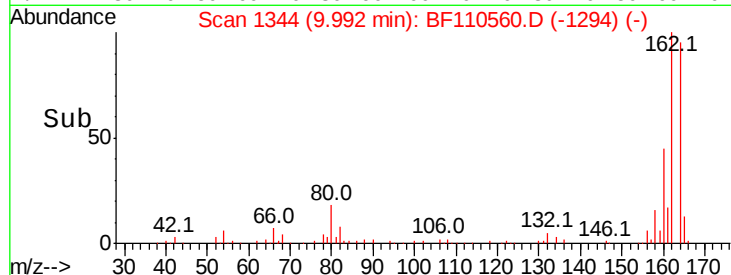
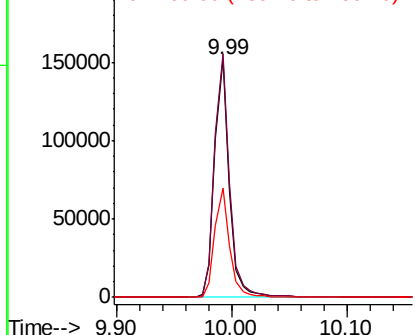
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 134457
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.6
160 45.8 37.0 55.6

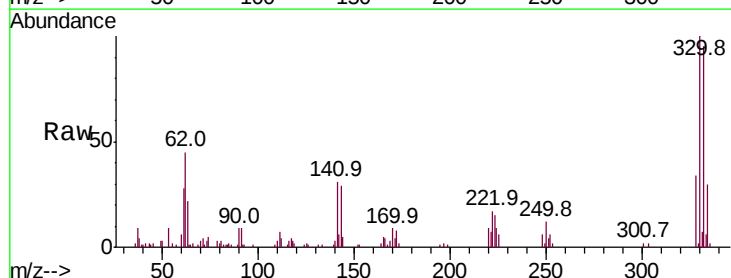


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

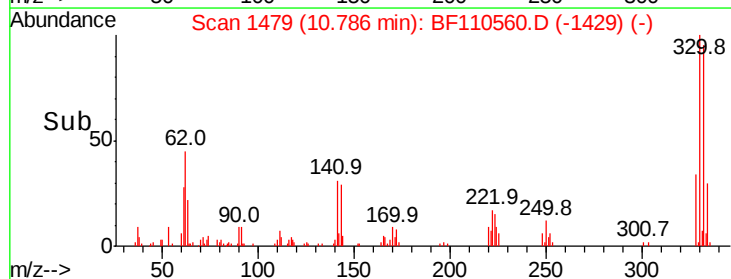
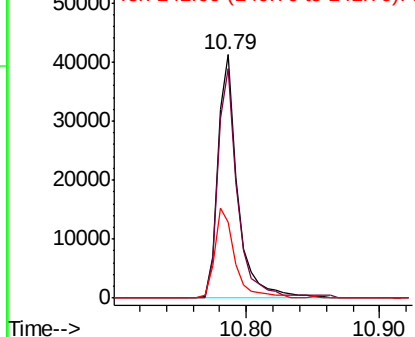


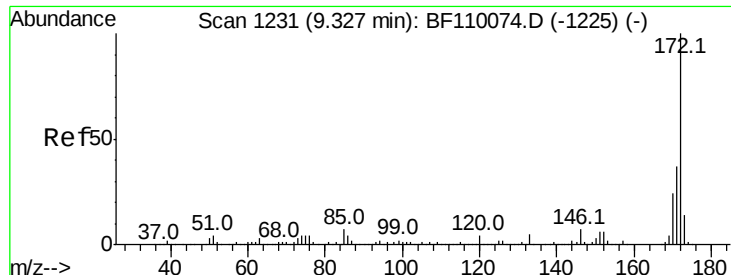
#42
2,4,6-Tribromophenol
Concen: 32.489 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Tgt Ion:330 Resp: 43271
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 37.5 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

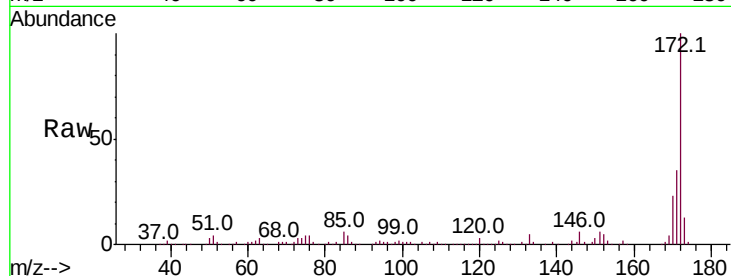




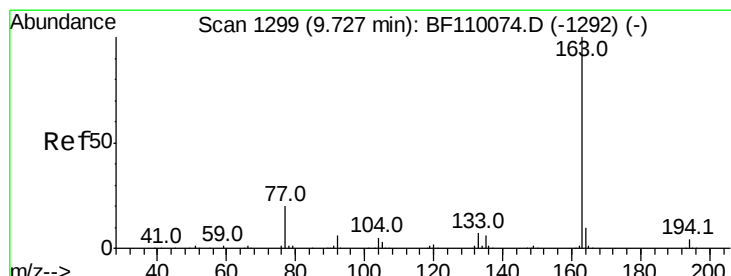
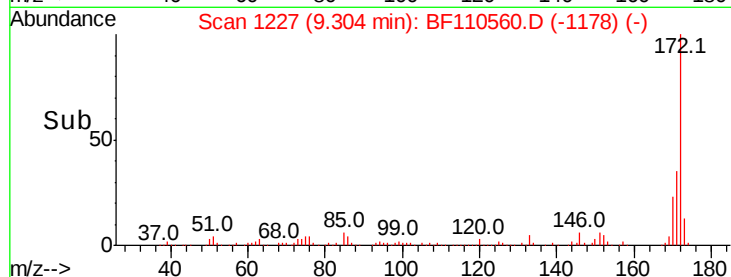
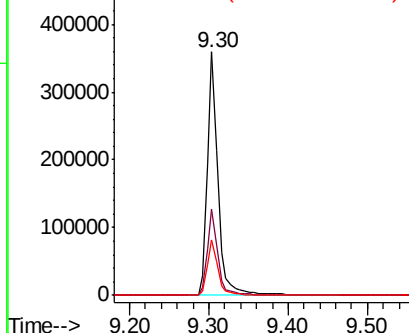
#45
 2-Fluorobiphenyl
 Concen: 39.540 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF110560.D
 Acq: 7 Nov 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 338573
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.0 19.7 29.5

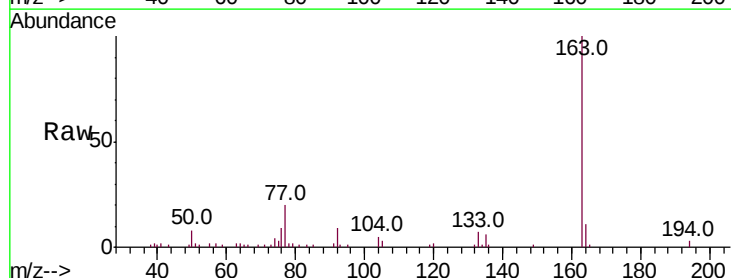


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

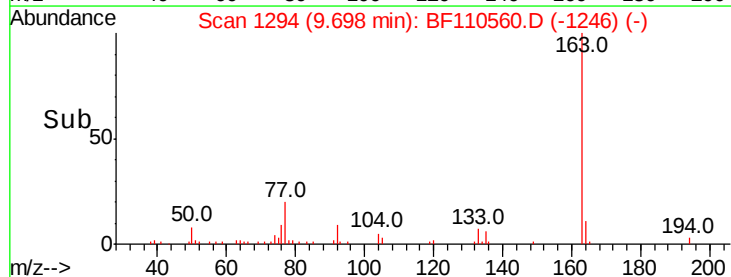
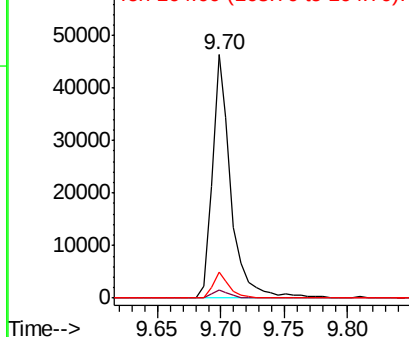


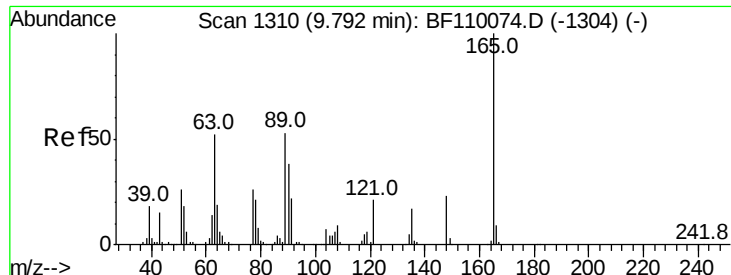
#50
 Dimethylphthalate
 Concen: 4.829 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110560.D
 Acq: 7 Nov 2018 17:27

Tgt Ion:163 Resp: 47930
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.2 4.8
 164 10.9 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

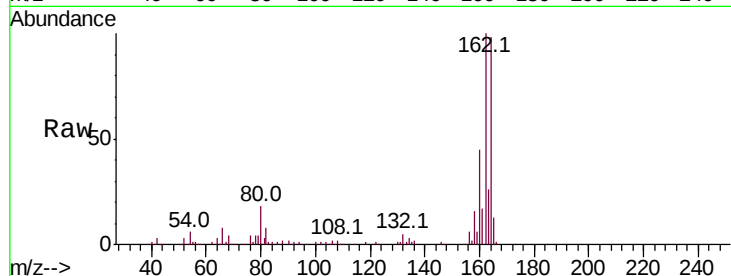




#51
2,6-Dinitrotoluene
Concen: 7.789 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :

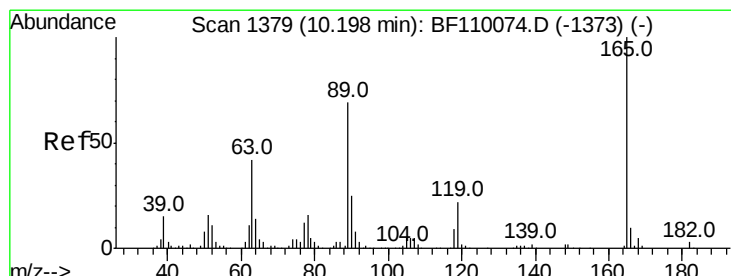
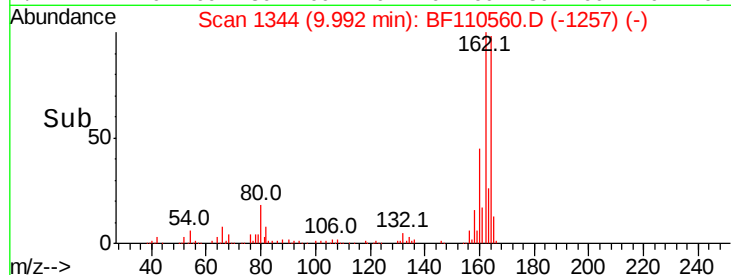
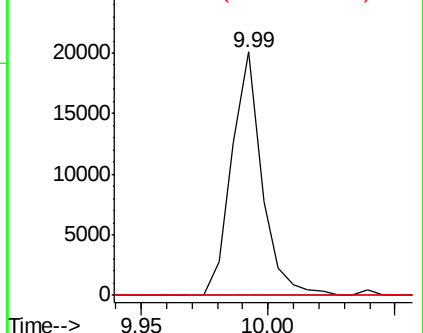
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



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



#57
2,4-Dinitrotoluene
Concen: 6.132 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110560.D
Acq: 7 Nov 2018 17:27

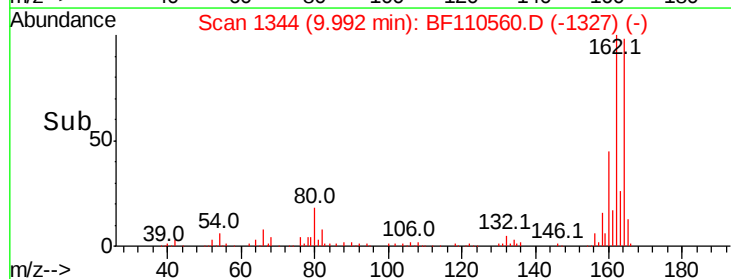
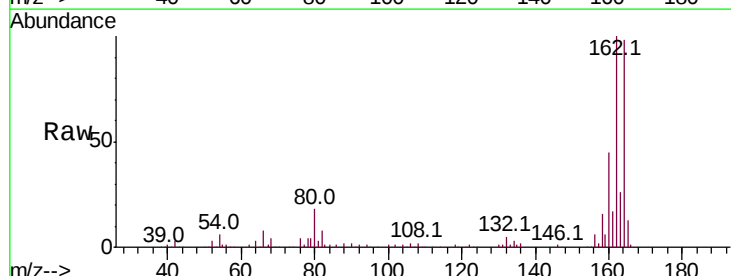
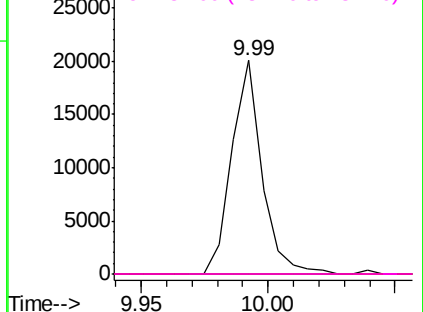
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

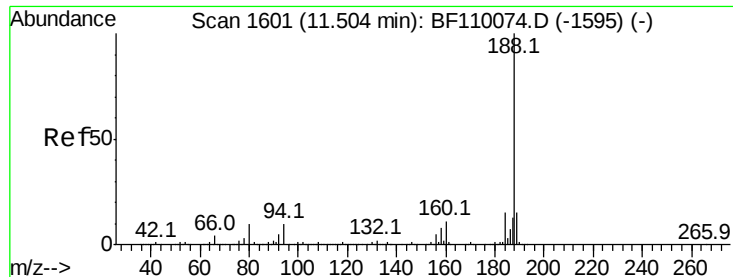
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

Instrument :

BNA_F

ClientSampled :

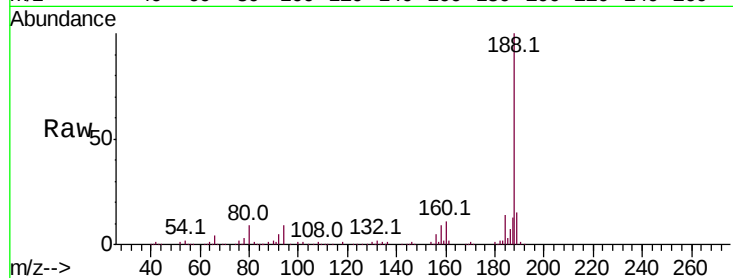
Tot Ion:188 Resp: 199408

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

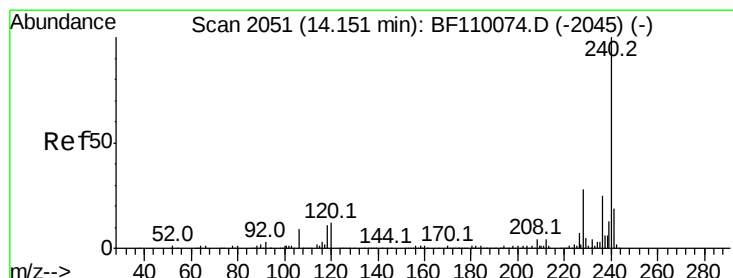
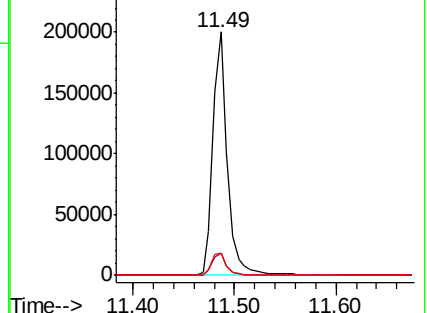
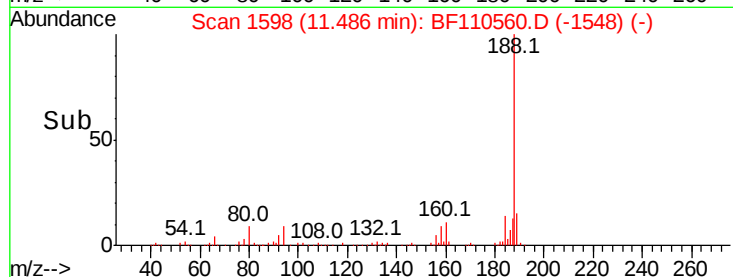
80 9.1 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

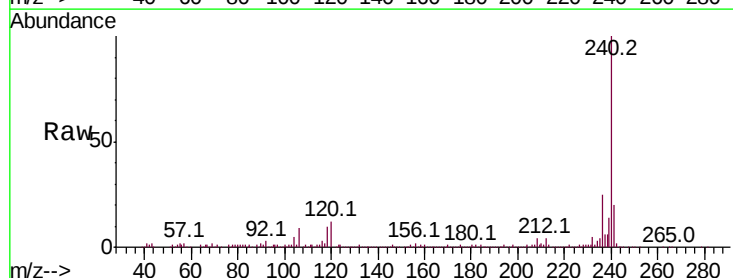
Tgt Ion:240 Resp: 184521

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

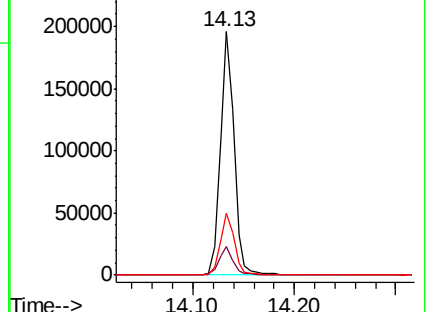
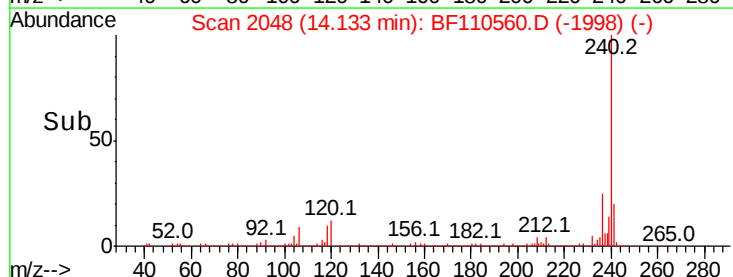
236 25.4 21.2 31.8

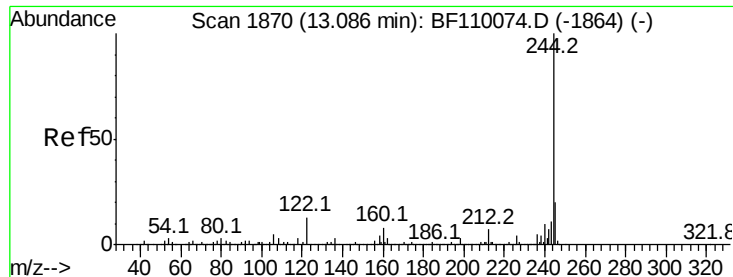


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 25.006 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

Instrument :

BNA_F

ClientSampleId :

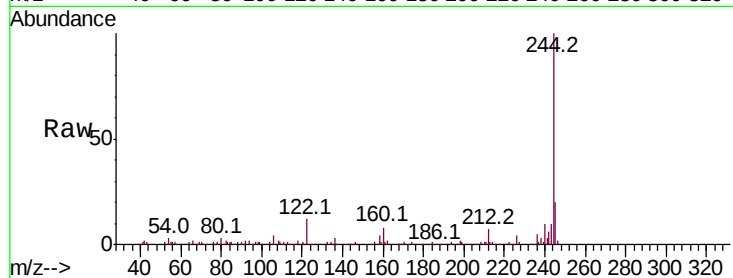
Tot Ion:244 Resp: 221860

Ion Ratio Lower Upper

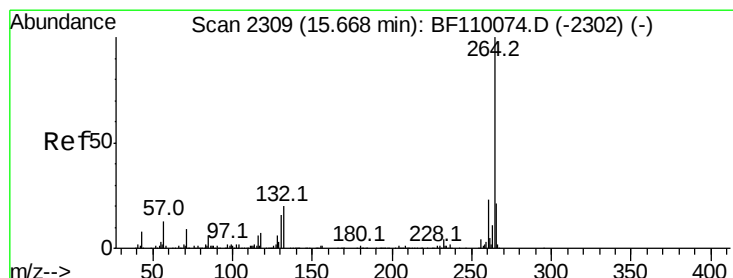
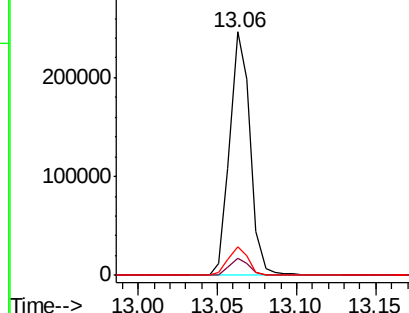
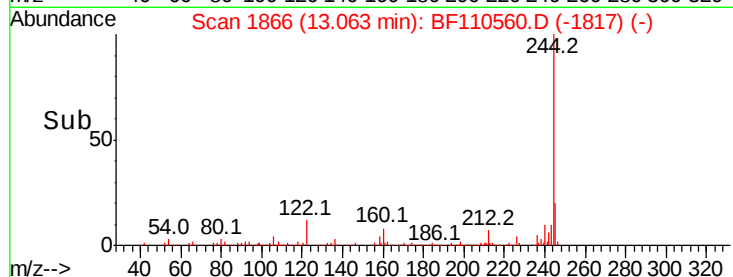
244 100

212 7.1 5.8 8.8

122 12.0 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110560.D

Acq: 7 Nov 2018 17:27

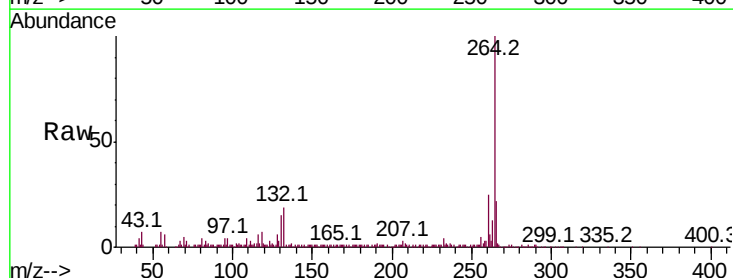
Tgt Ion:264 Resp: 171084

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 21.6 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

