

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110507.D
 Acq On : 6 Nov 2018 11:37
 Operator : JU/SJ
 Sample : J5816-03 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 12:19:35 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

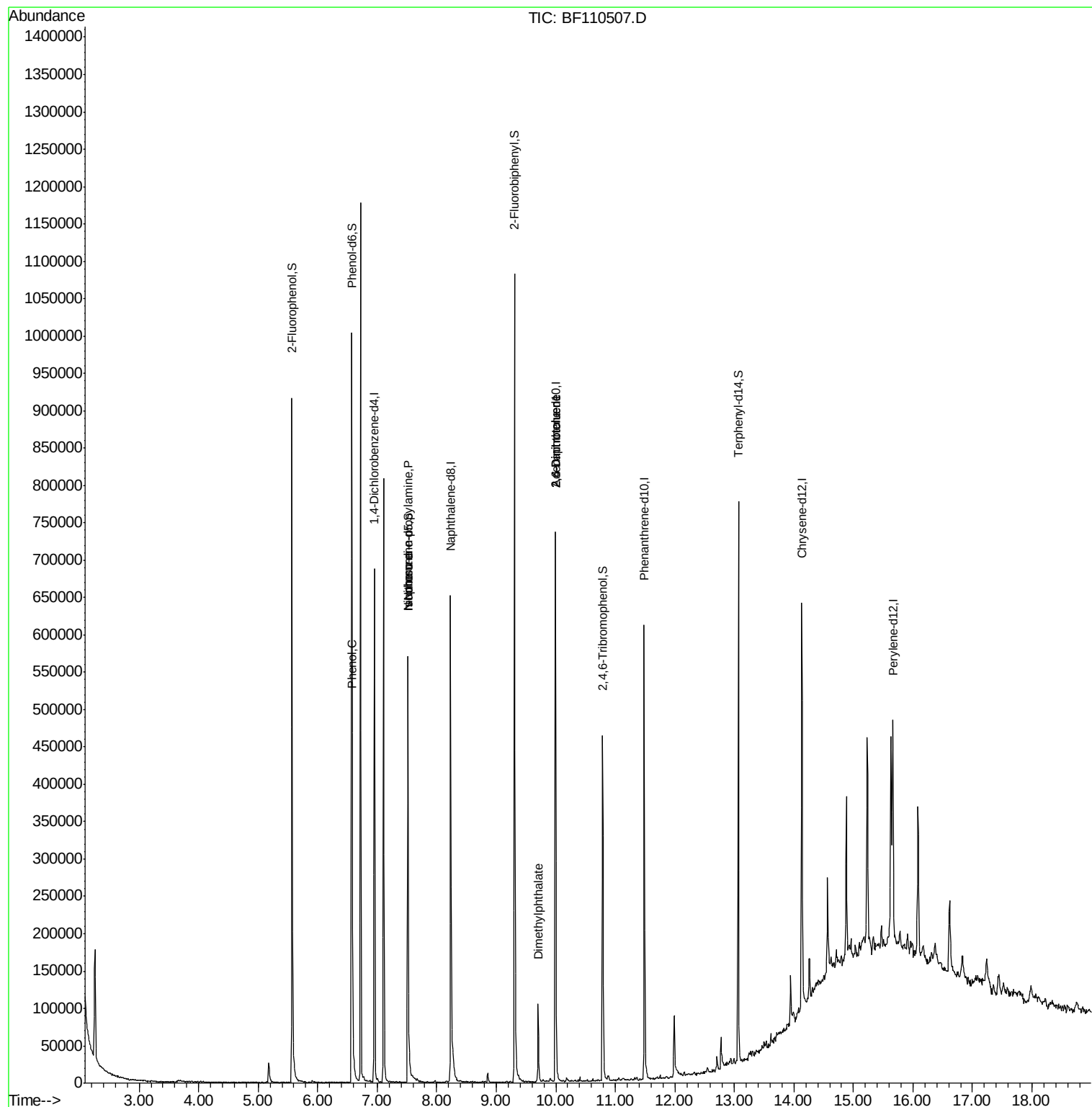
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	101809	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	411086	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	171149	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	263888	20.00	ng	0.00
76) Chrysene-d12	14.13	240	187931	20.00	ng	0.00
87) Perylene-d12	15.66	264	148222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	265500	42.47	ng	0.00
7) Phenol-d6	6.57	99	338318	42.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	205236	29.61	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	58806	34.69	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	381925	35.04	ng	0.00
79) Terphenyl-d14	13.07	244	259998	28.77	ng	0.00
Target Compounds						
10) Phenol	6.59	94	23795	2.784	ng	# 71
19) n-Nitroso-di-n-propylamine	7.52	70	27500	5.360	ng	# 79
25) Isophorone	7.52	82	205233	17.372	ng	# 67
50) Dimethylphthalate	9.70	163	52076	4.122	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	21446	7.881	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	21446	6.204	ng	# 17
77) Benzidine	13.07	184	3292	Below Cal		# 91

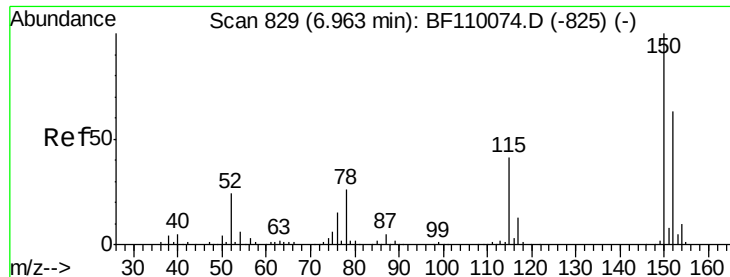
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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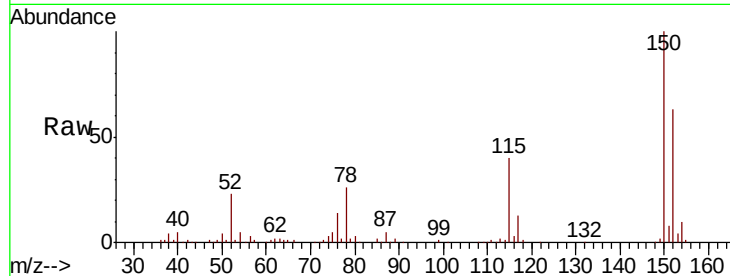


#1

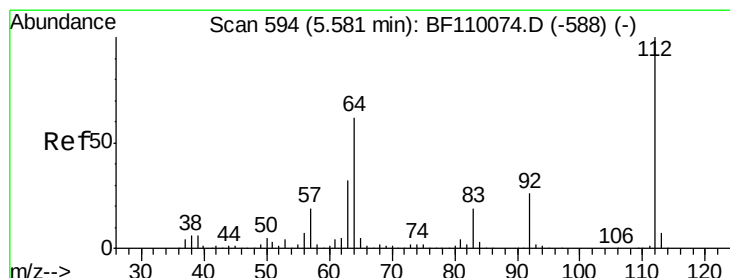
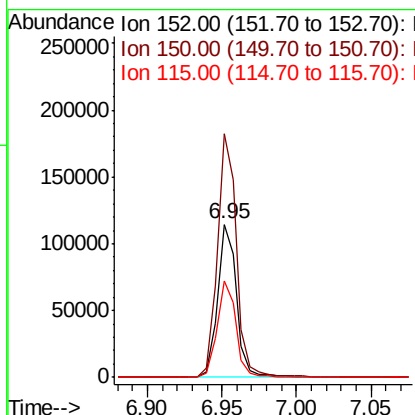
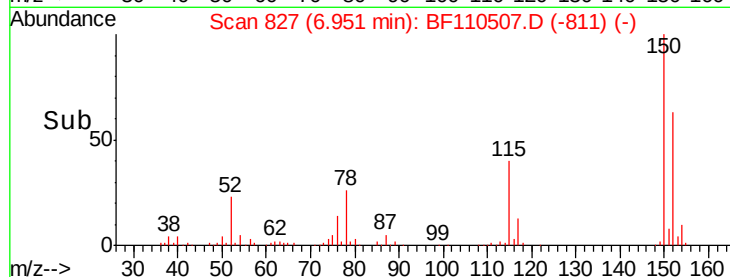
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110507.D
Acq: 6 Nov 2018 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101809
Ion Ratio Lower Upper
152 100
150 159.0 122.7 184.1
115 63.3 49.1 73.7



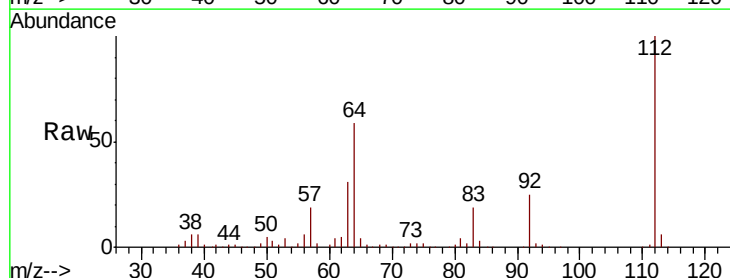
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



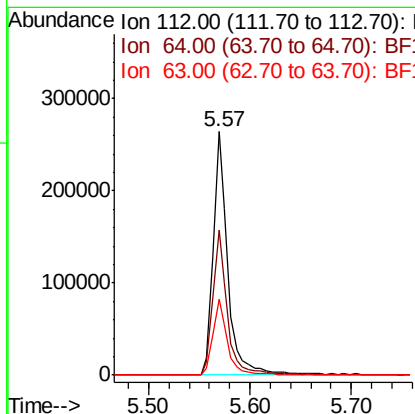
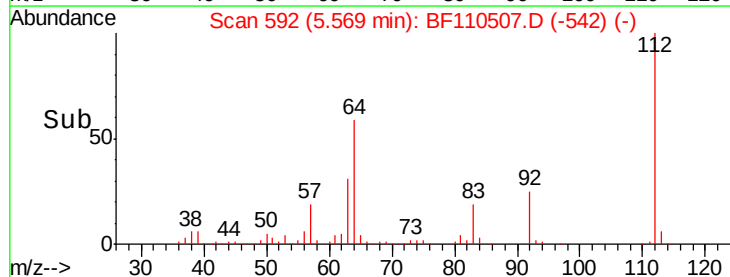
#5

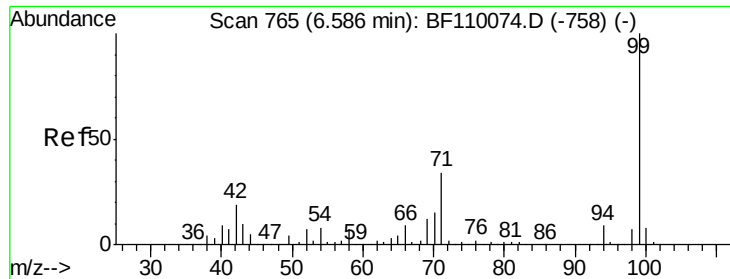
2-Fluorophenol
Concen: 42.467 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110507.D
Acq: 6 Nov 2018 11:37

Tgt Ion:112 Resp: 265500
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 31.1 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: 42.307 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110507.D

Acq: 6 Nov 2018 11:37

Instrument :

BNA_F

ClientSampled :

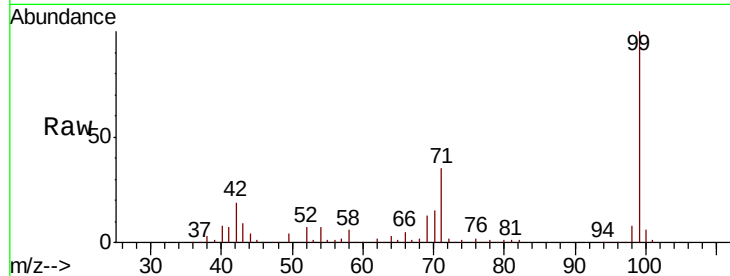
Tot Ion: 99 Resp: 338318

Ion Ratio Lower Upper

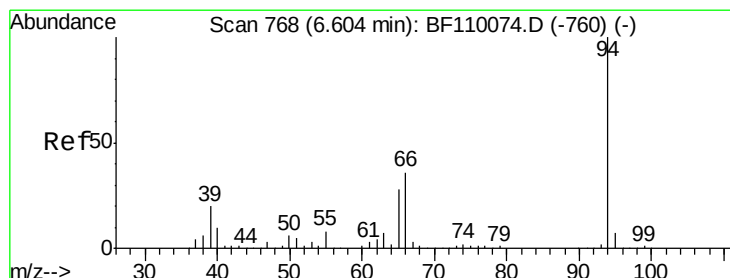
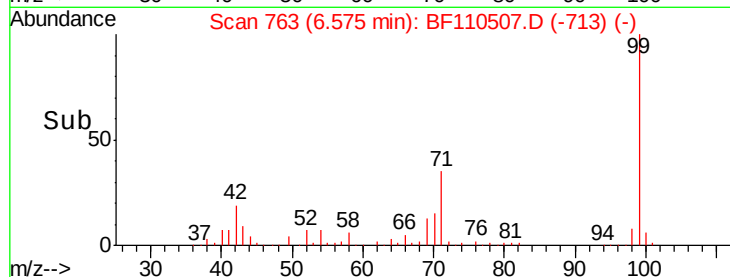
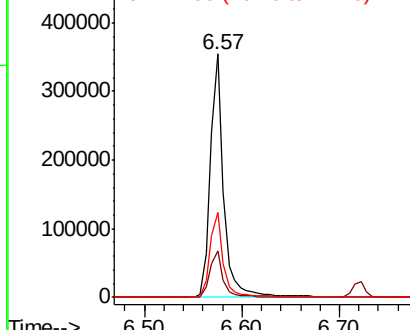
99 100

42 19.2 15.8 23.6

71 34.7 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: 2.784 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110507.D

Acq: 6 Nov 2018 11:37

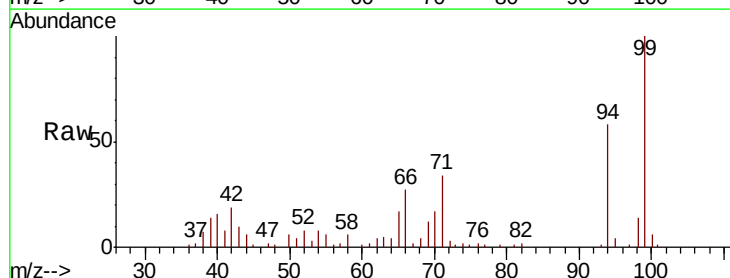
Tgt Ion: 94 Resp: 23795

Ion Ratio Lower Upper

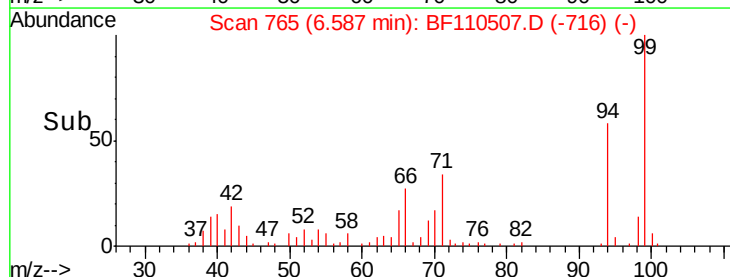
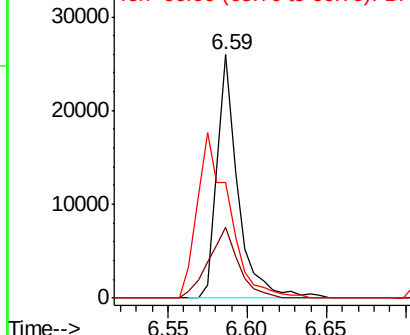
94 100

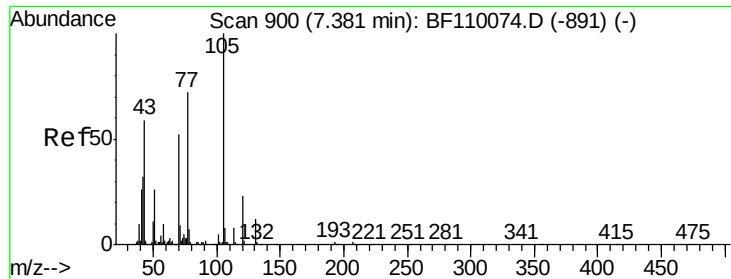
65 29.0 25.3 65.3

66 47.3 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

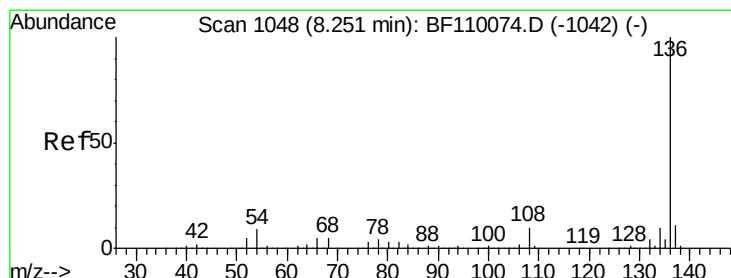
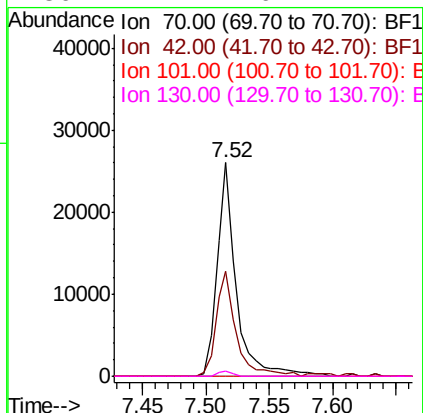
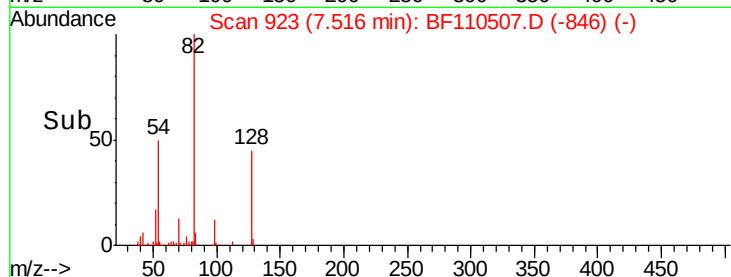
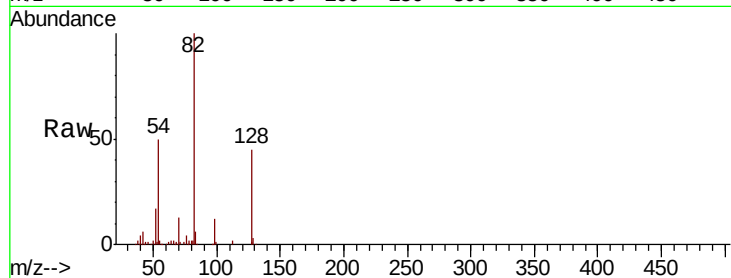




#19
n-Nitroso-di-n-propylamine
Concen: 5.360 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110507.D
Acq: 6 Nov 2018 11:37

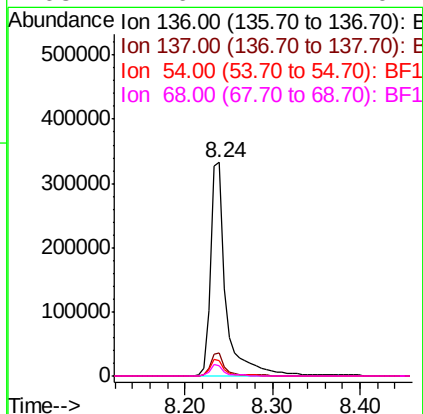
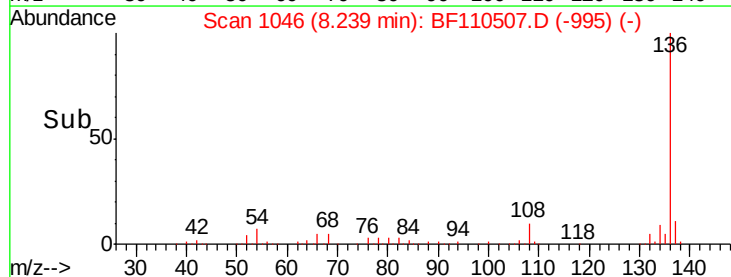
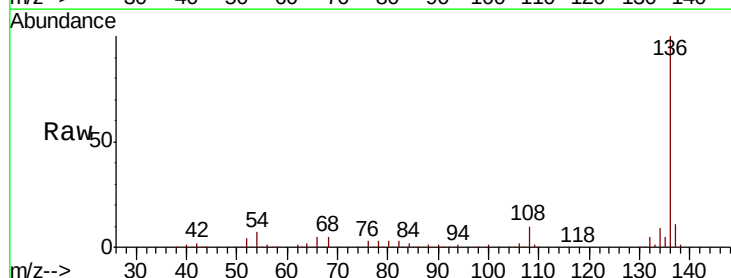
Instrument :
BNA_F
ClientSampleId :

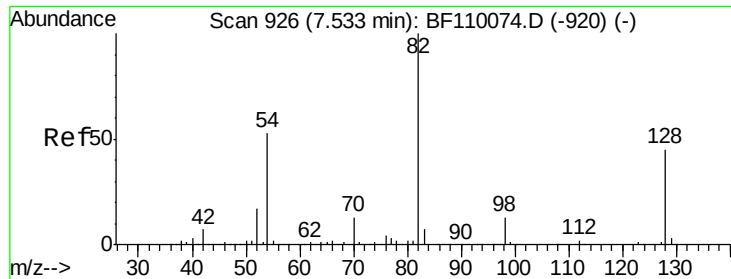
Tot Ion: 70 Resp: 27500
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110507.D
Acq: 6 Nov 2018 11:37

Tgt Ion: 136 Resp: 411086
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.3 5.4 8.2
68 4.6 4.2 6.2

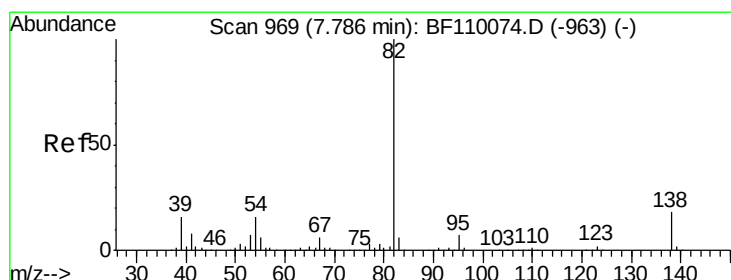
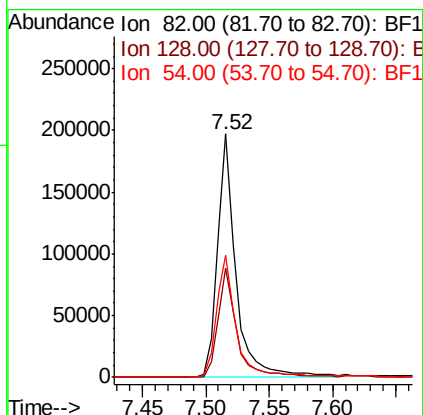
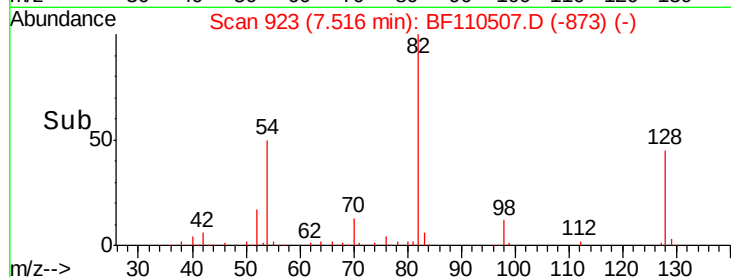
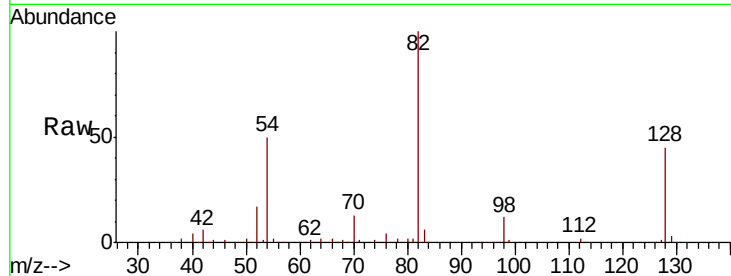




#23
 Nitrobenzene-d5
 Concen: 29.612 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110507.D
 Acq: 6 Nov 2018 11:37

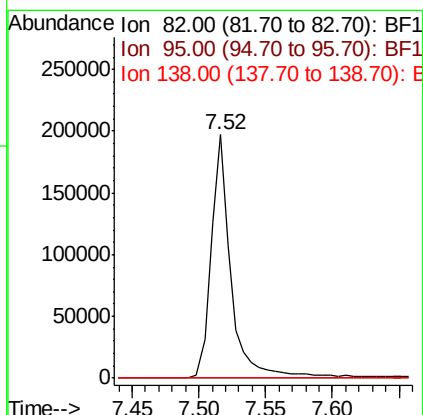
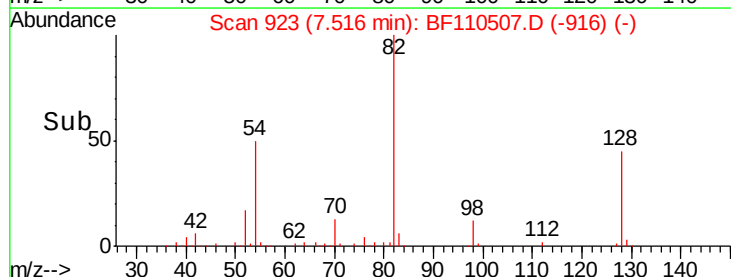
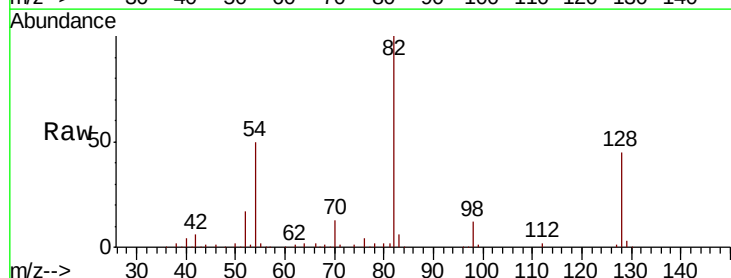
Instrument :
 BNA_F
 ClientSampled :

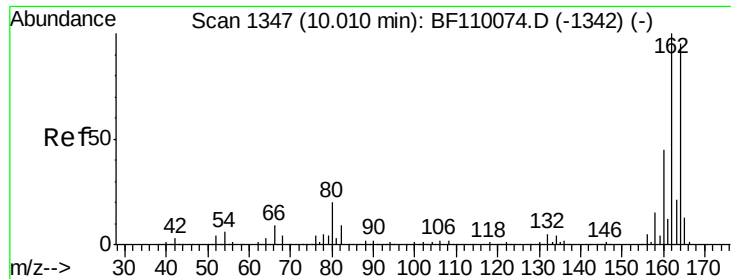
Tot Ion	82	Resp	205236
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.2	51.2
54	50.4	38.6	58.0



#25
 Isophorone
 Concen: 17.372 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110507.D
 Acq: 6 Nov 2018 11:37

Tgt Ion	82	Resp	205233
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: BF110507.D

Acq: 6 Nov 2018 11:37

Instrument :

BNA_F

ClientSampleId :

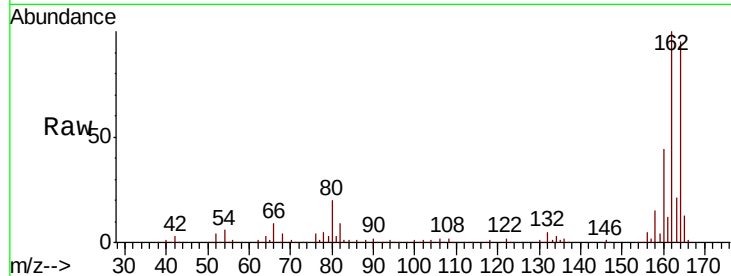
Tot Ion:164 Resp: 171149

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

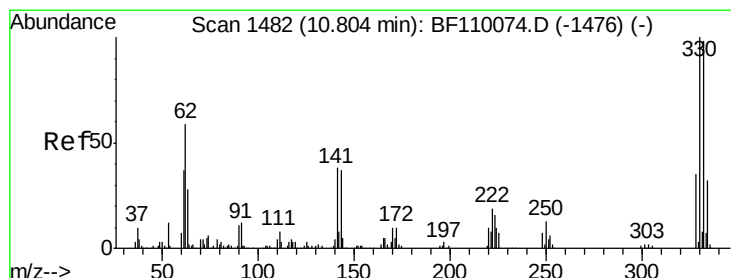
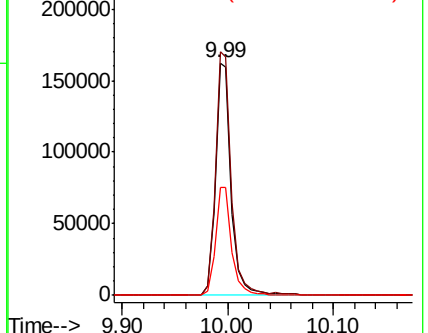
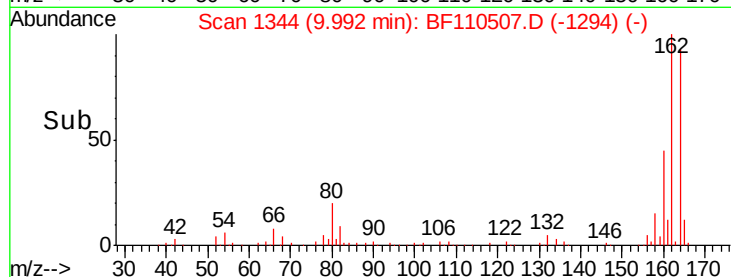
160 46.6 37.0 55.6



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: 34.687 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110507.D

Acq: 6 Nov 2018 11:37

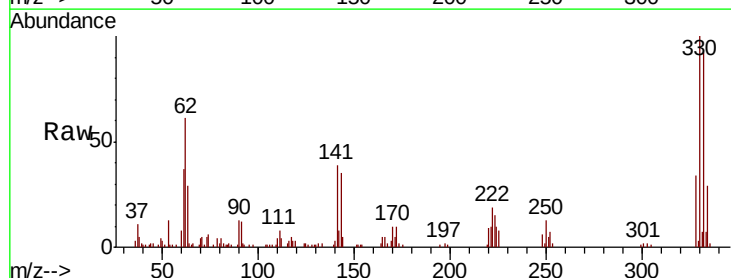
Tgt Ion:330 Resp: 58806

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

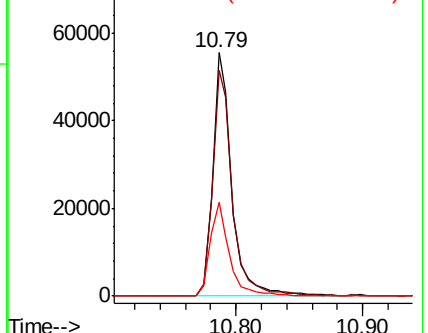
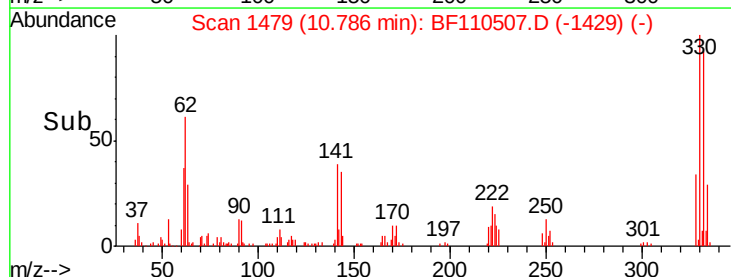
141 38.5 27.0 40.4

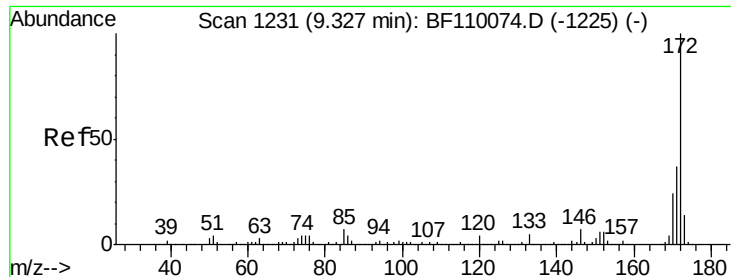


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

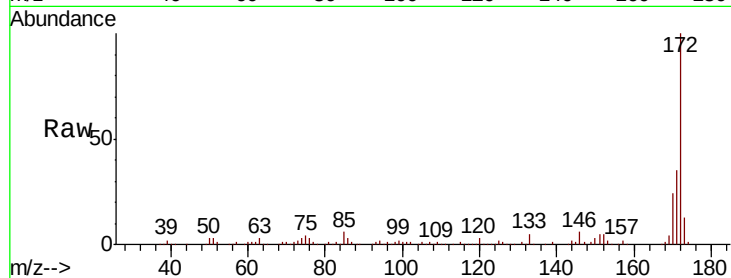




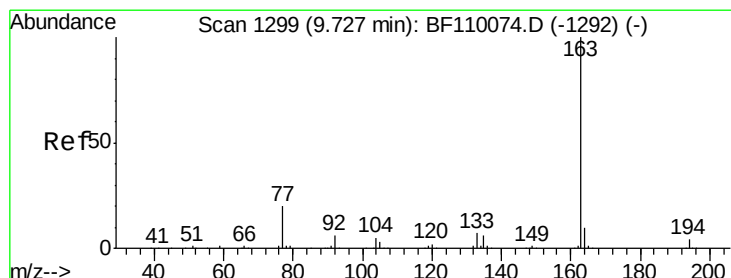
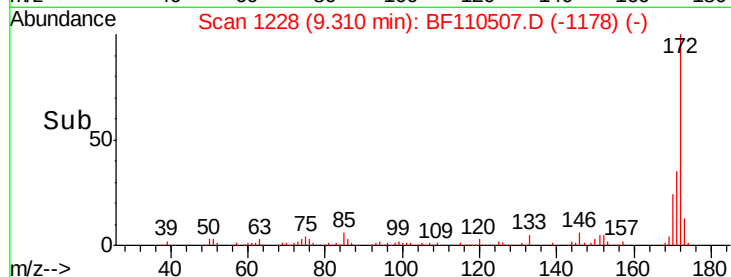
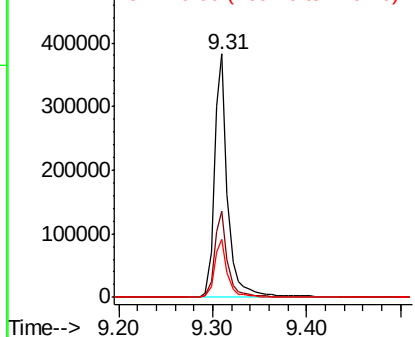
#45
2-Fluorobiphenyl
Concen: 35.041 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110507.D
Acq: 6 Nov 2018 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 381925
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 19.7 29.5

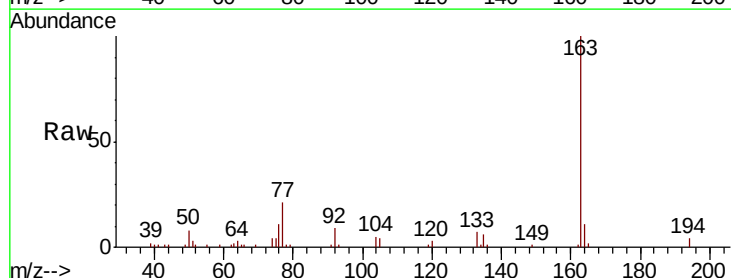


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

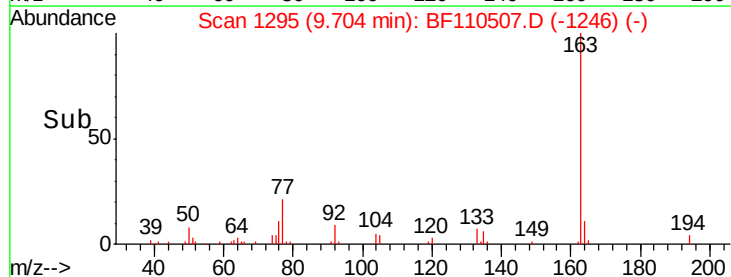
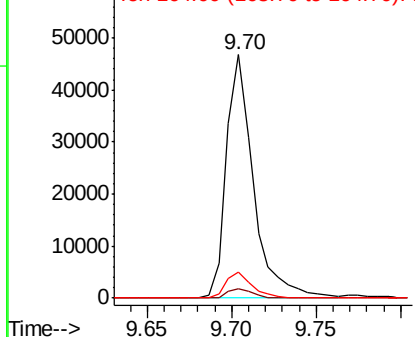


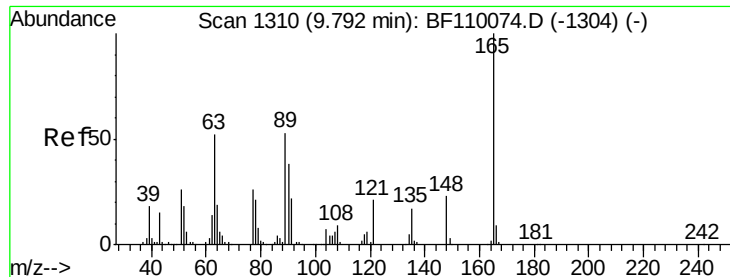
#50
Dimethylphthalate
Concen: 4.122 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110507.D
Acq: 6 Nov 2018 11:37

Tgt Ion:163 Resp: 52076
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.5 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: 7.881 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.21 min

Lab File: BF110507.D

Acq: 6 Nov 2018 11:37

Instrument :

BNA_F

ClientSampled :

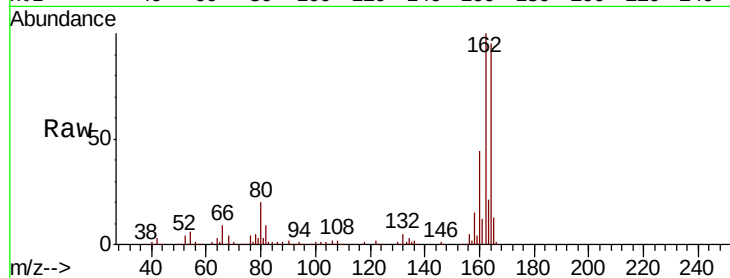
Tot Ion:165 Resp: 21446

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

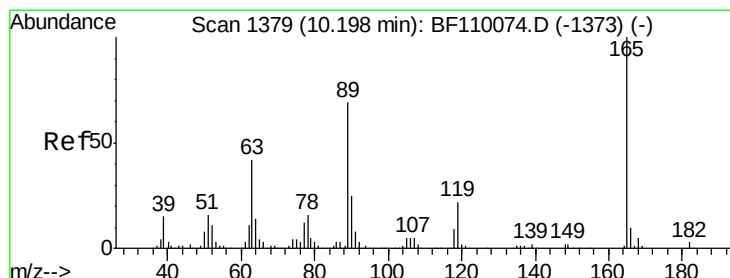
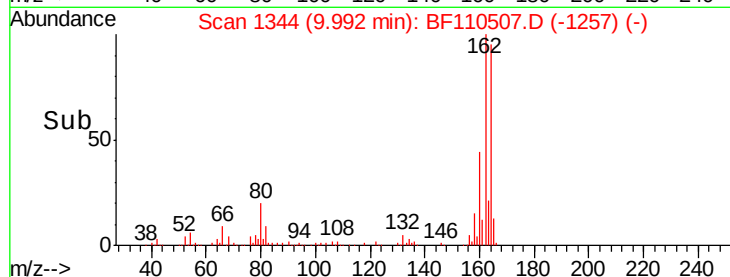
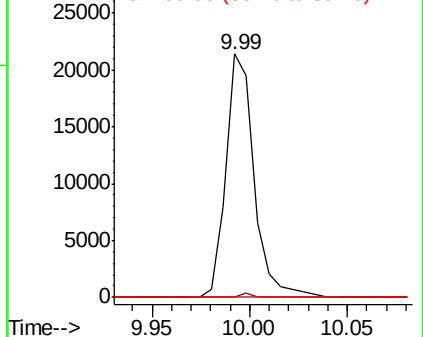
89 0.0 46.6 69.8#



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: 6.204 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.20 min

Lab File: BF110507.D

Acq: 6 Nov 2018 11:37

Tgt Ion:165 Resp: 21446

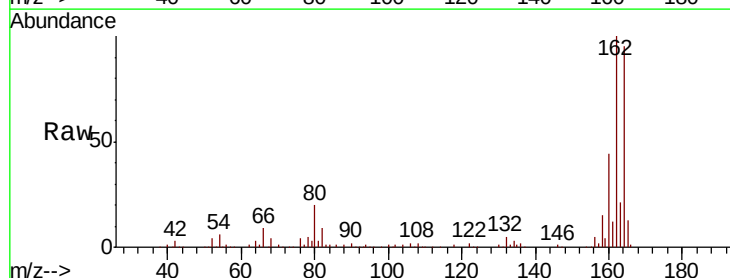
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

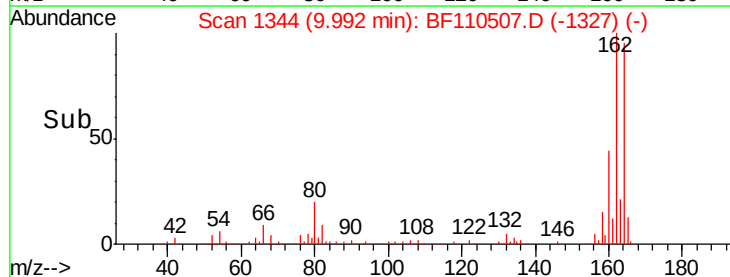
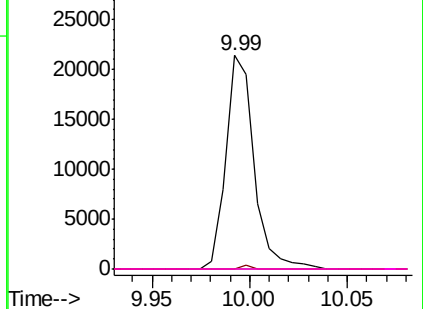


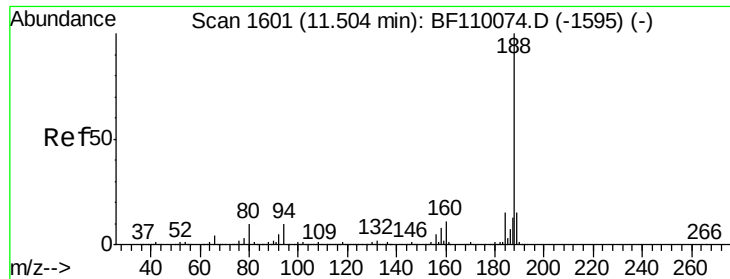
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110507.D

Acq: 6 Nov 2018 11:37

Instrument :

BNA_F

ClientSampleId :

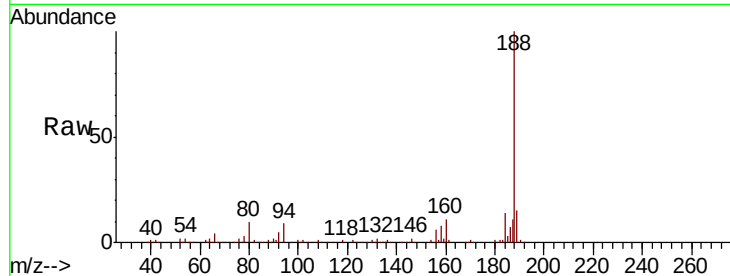
Tot Ion:188 Resp: 263888

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

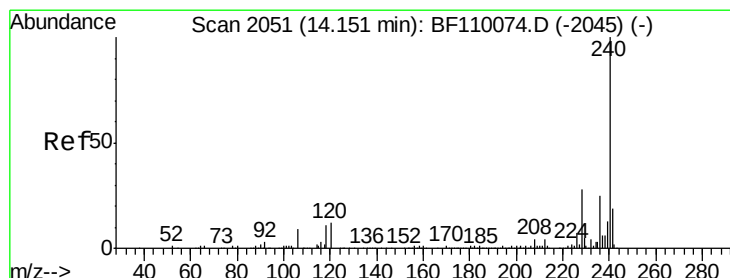
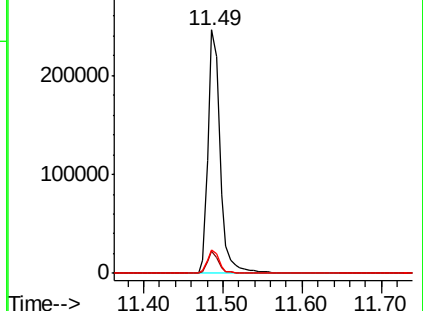
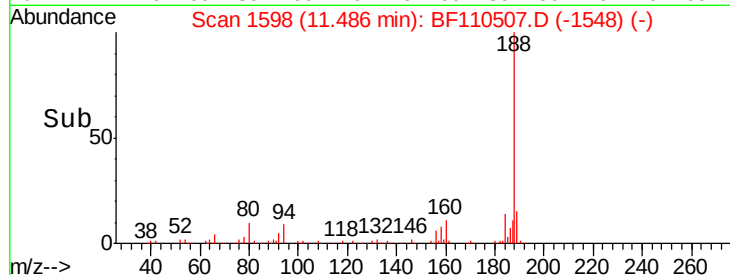
80 9.8 7.9 11.9



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: BF110507.D

Acq: 6 Nov 2018 11:37

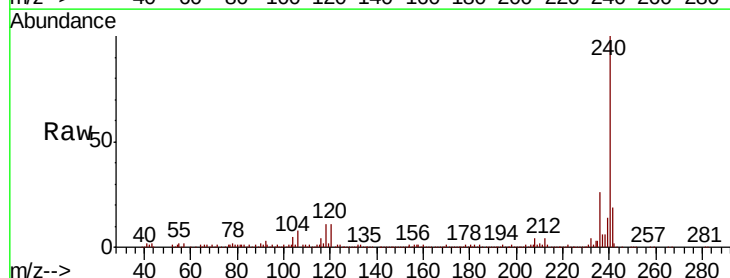
Tgt Ion:240 Resp: 187931

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

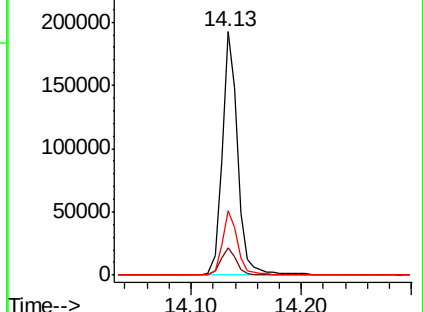
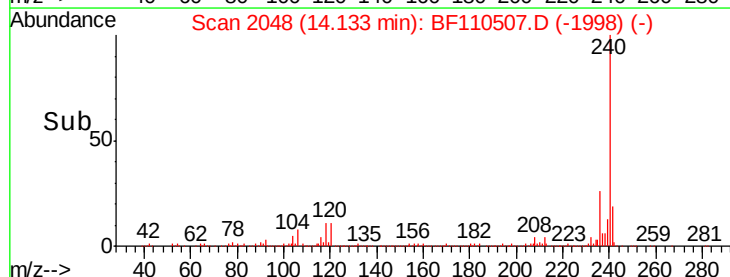
236 26.3 21.2 31.8

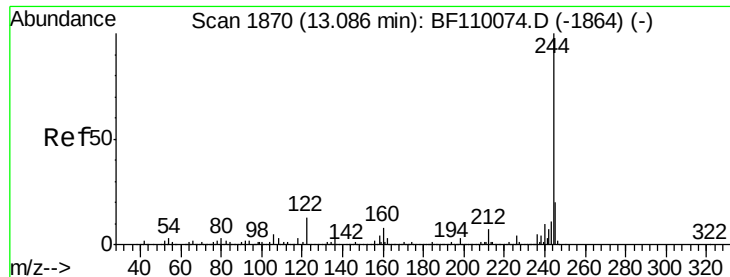


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 28.772 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110507.D

Acq: 6 Nov 2018 11:37

Instrument :

BNA_F

ClientSampleId :

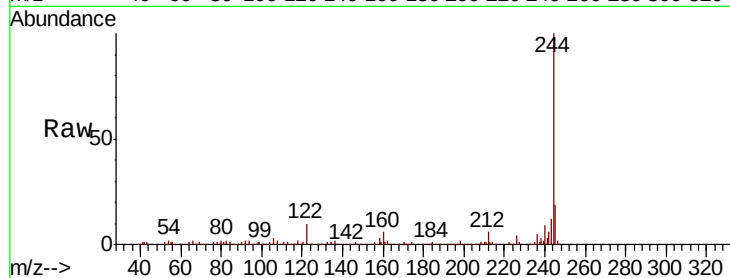
Tot Ion:244 Resp: 259998

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

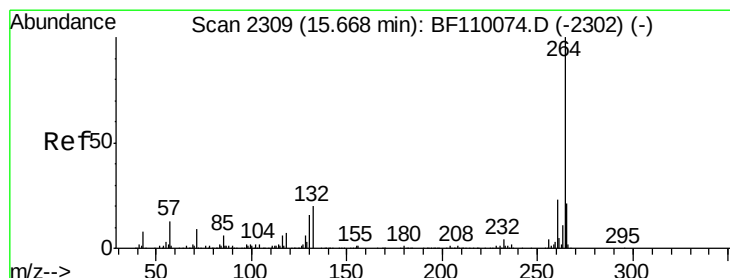
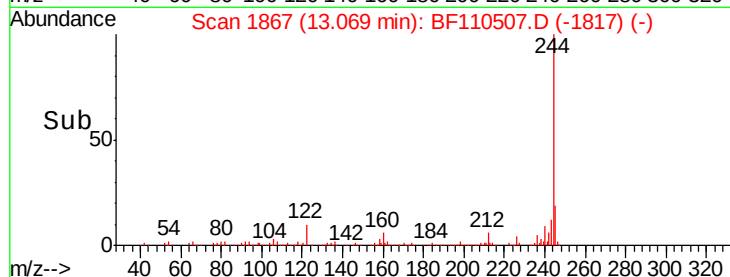
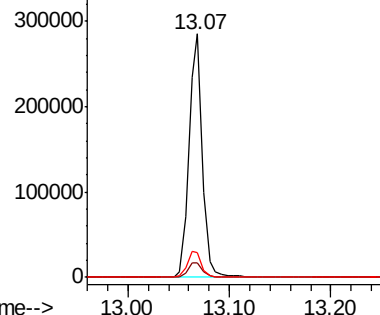
122 10.2 8.7 13.1



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: BF110507.D

Acq: 6 Nov 2018 11:37

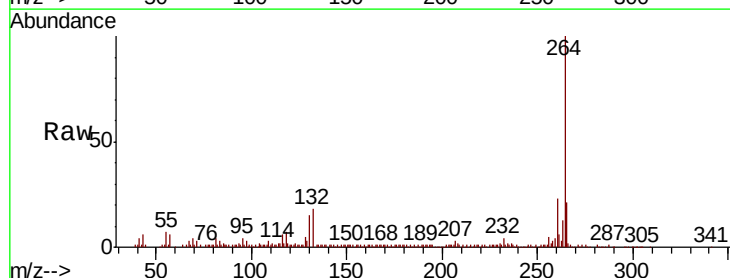
Tgt Ion:264 Resp: 148222

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 20.5 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

