

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100274.D
 Acq On : 7 Nov 2017 5:01
 Operator : SJ/JU
 Sample : I6336-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 06:01:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

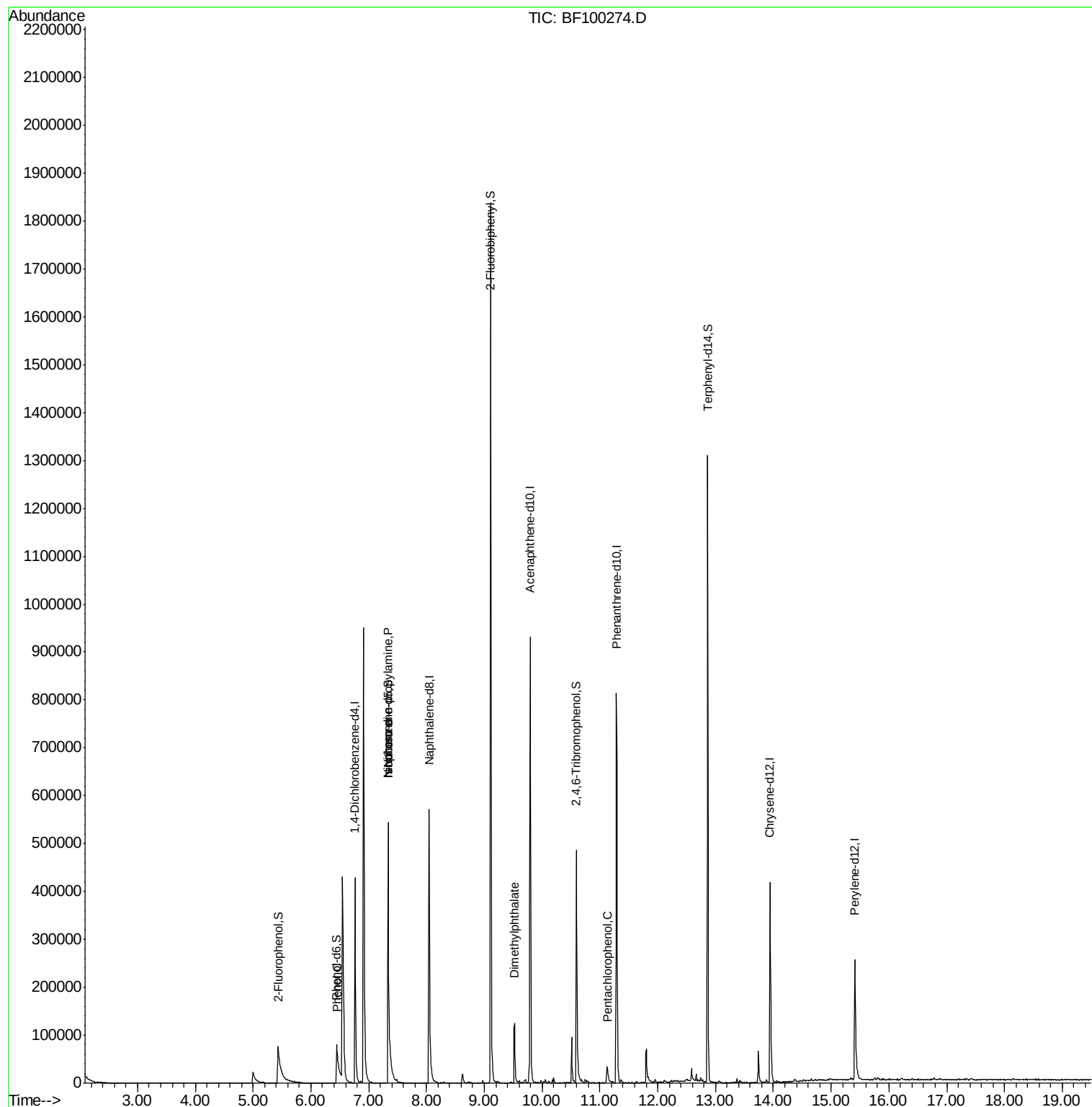
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98811	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	409201	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	188073	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	335006	20.00	ng	0.00
75) Chrysene-d12	13.94	240	178203	20.00	ng	0.00
86) Perylene-d12	15.41	264	163090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	110203	17.51	ng	0.05
7) Phenol-d6	6.45	99	92588	12.41	ng	0.03
23) Nitrobenzene-d5	7.33	82	289416	45.53	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	76755	44.78	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	615096	50.46	ng	0.00
78) Terphenyl-d14	12.87	244	475777	58.35	ng	0.00
Target Compounds						
10) Phenol	6.47	94	19612	2.394	ng	92
19) n-Nitroso-di-n-propylamine	7.33	70	34674	7.929	ng	# 72
25) Isophorone	7.33	82	289415	25.094	ng	# 64
49) Dimethylphthalate	9.52	163	78142	5.247	ng	98
69) Pentachlorophenol	11.13	266	9514	6.171	ng	91

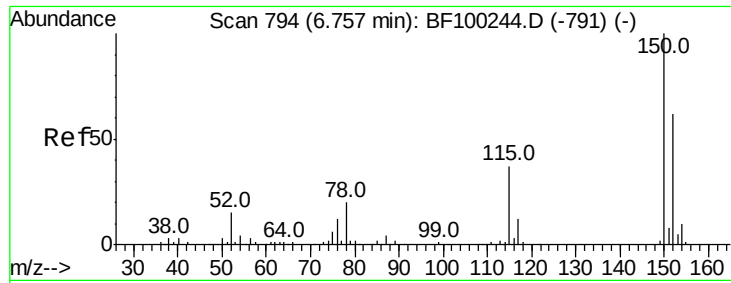
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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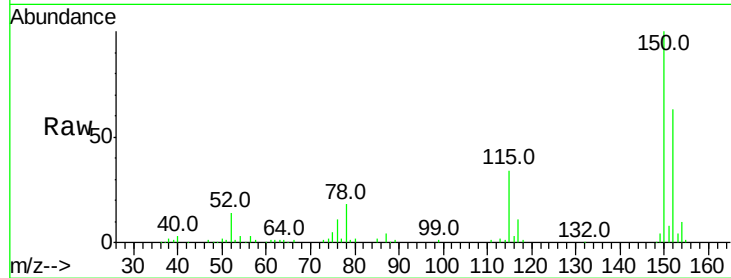


#1

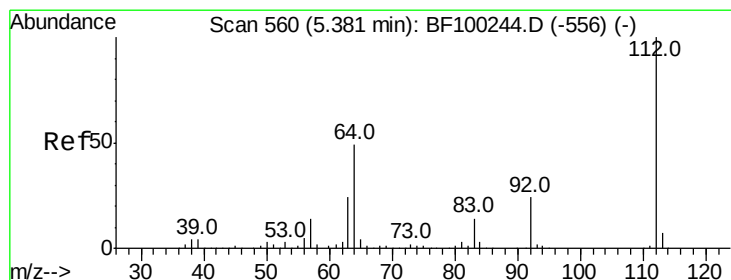
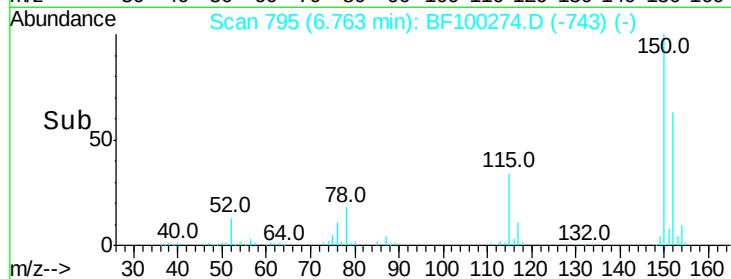
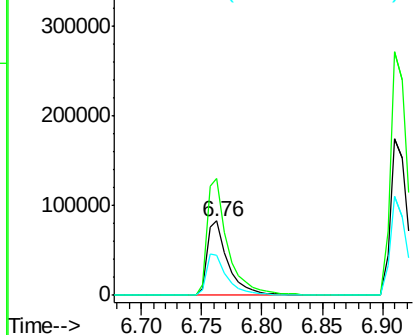
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98811
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 53.6 50.1 75.1



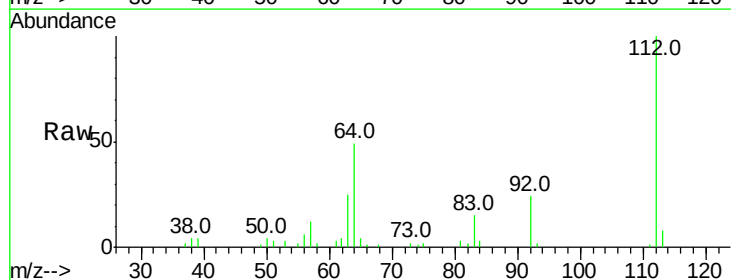
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



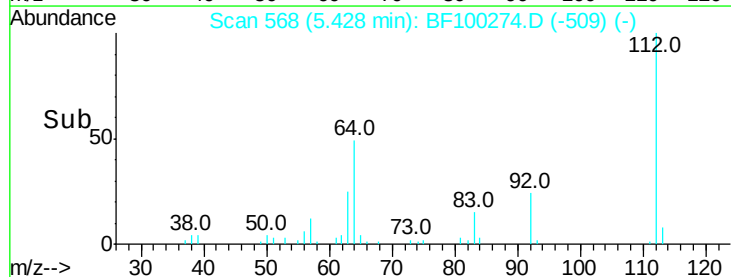
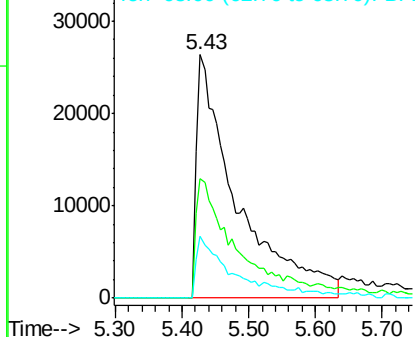
#5

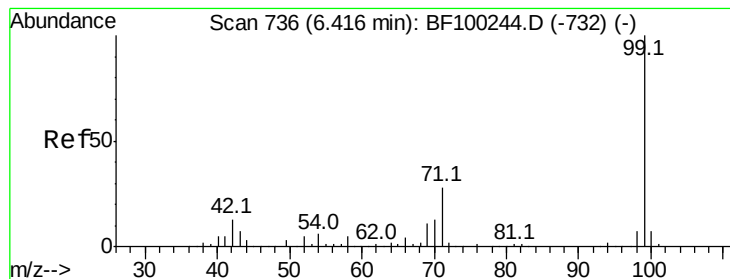
2-Fluorophenol
Concen: 17.510 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.05 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Tgt Ion:112 Resp: 110203
Ion Ratio Lower Upper
112 100
64 48.9 47.9 71.9
63 25.4 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: 12.407 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.03 min

Lab File: BF100274.D

Acq: 7 Nov 2017 5:01

Instrument :

BNA_F

ClientSampleId :

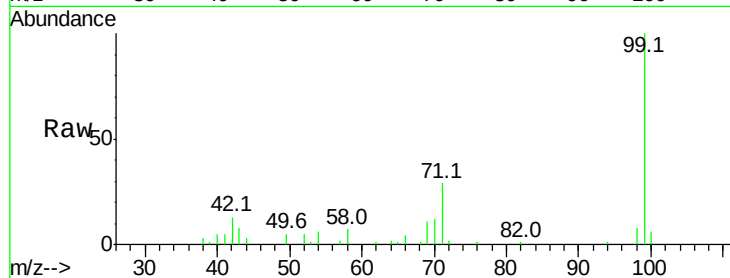
Tot Ion: 99 Resp: 92588

Ion Ratio Lower Upper

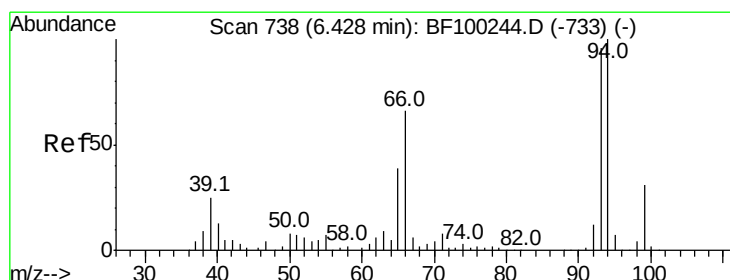
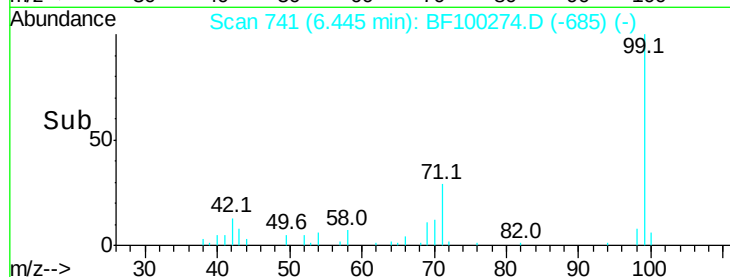
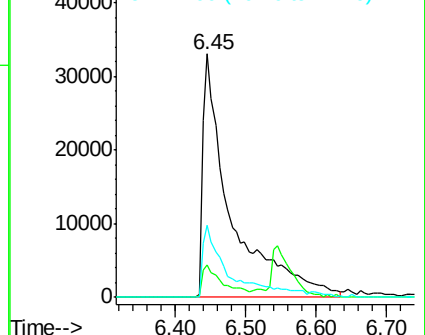
99 100

42 13.3 14.5 21.7#

71 29.4 25.4 38.0



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: 2.394 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.04 min

Lab File: BF100274.D

Acq: 7 Nov 2017 5:01

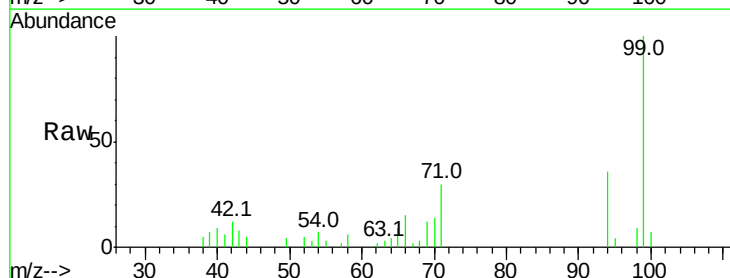
Tgt Ion: 94 Resp: 19612

Ion Ratio Lower Upper

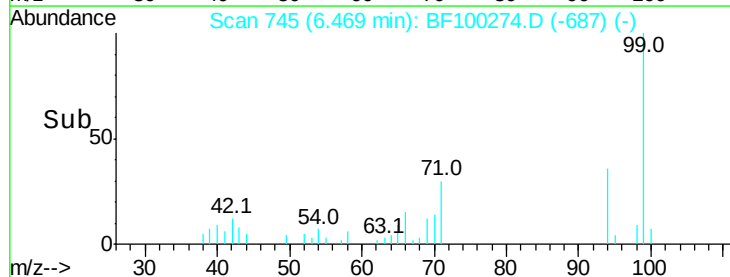
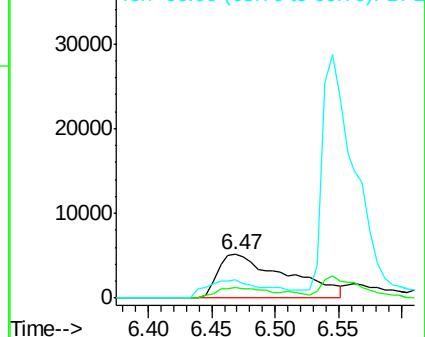
94 100

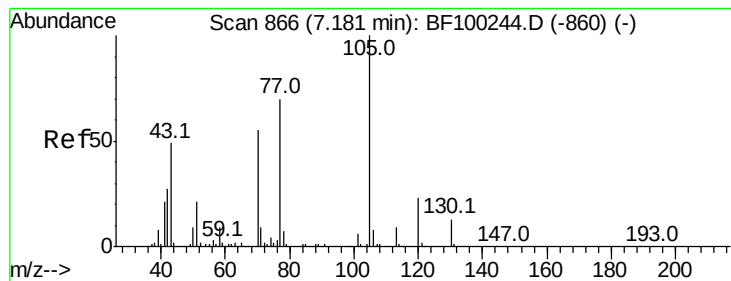
65 23.7 7.9 47.9

66 40.7 16.2 56.2



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: 7.929 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF100274.D

Acq: 7 Nov 2017 5:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 34674

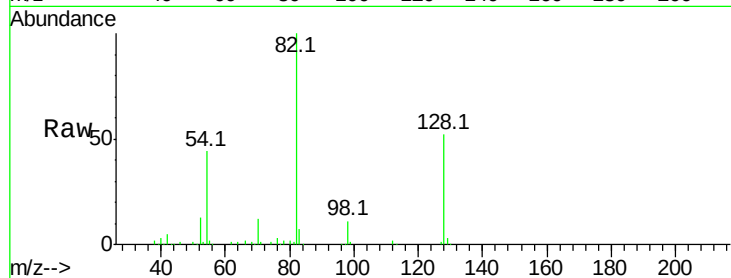
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

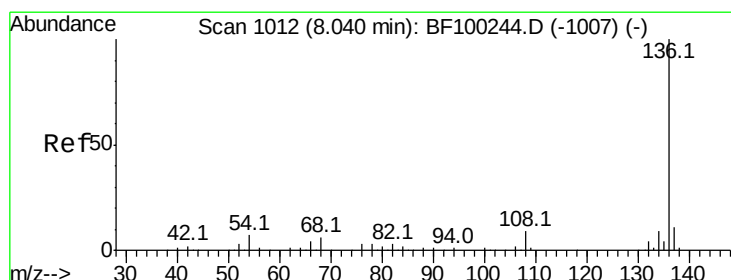
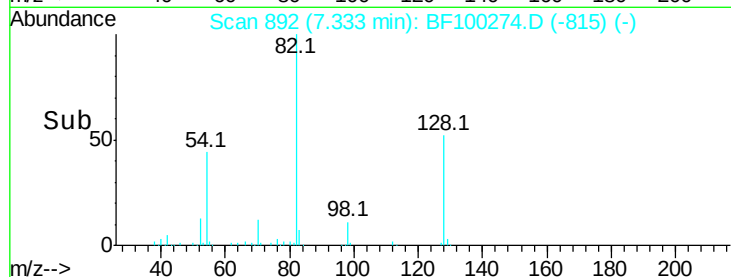
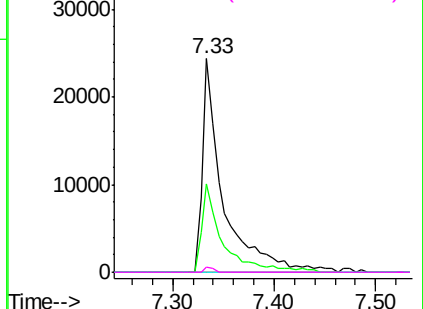


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BF100274.D

Acq: 7 Nov 2017 5:01

Tgt Ion:136 Resp: 409201

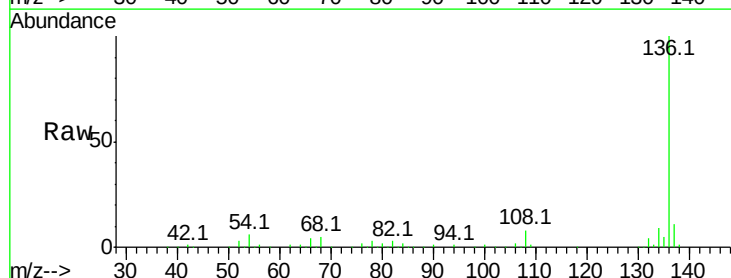
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.2 6.6 9.8#

68 5.4 5.0 7.4

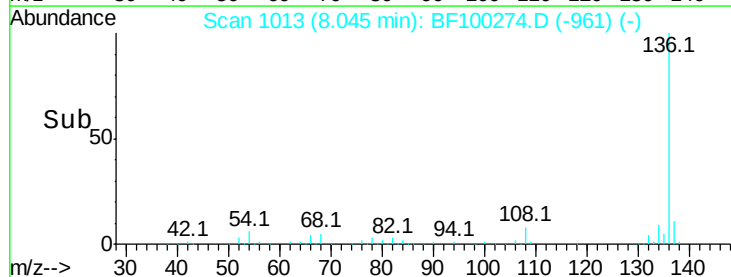
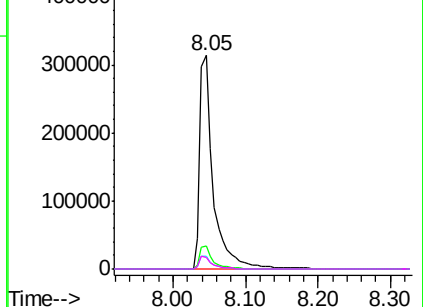


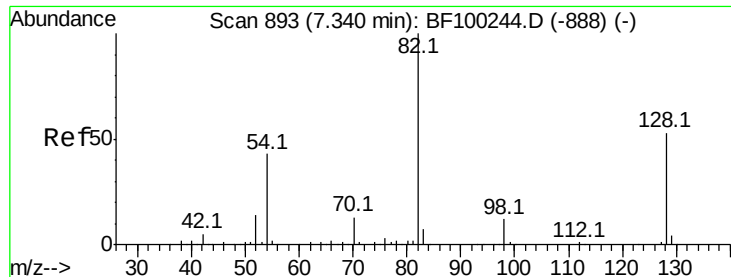
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 45.534 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF100274.D

Acq: 7 Nov 2017 5:01

Instrument :

BNA_F

ClientSampled :

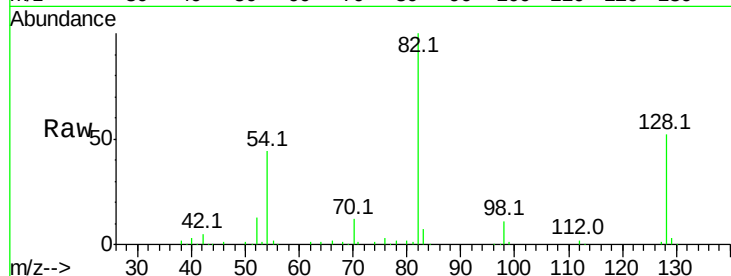
Tot Ion: 82 Resp: 289416

Ion Ratio Lower Upper

82 100

128 51.9 36.1 54.1

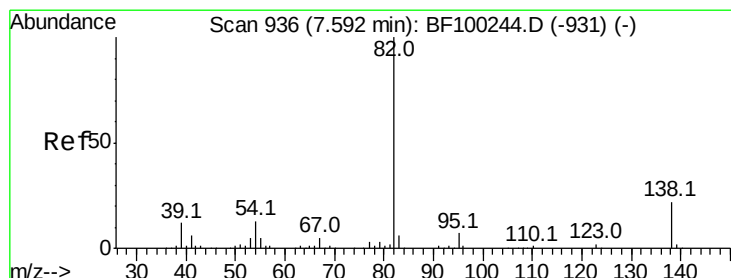
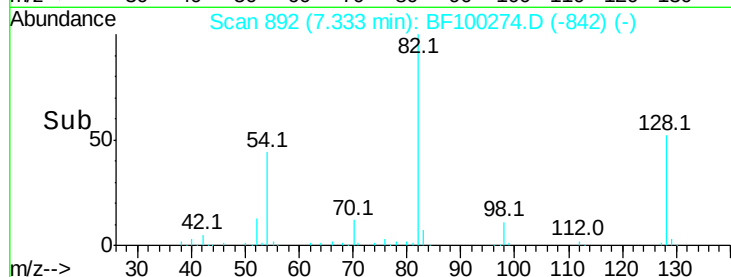
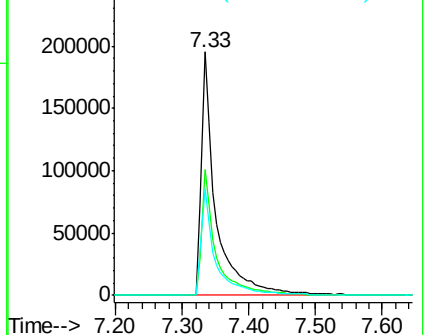
54 43.9 41.4 62.2



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: 25.094 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100274.D

Acq: 7 Nov 2017 5:01

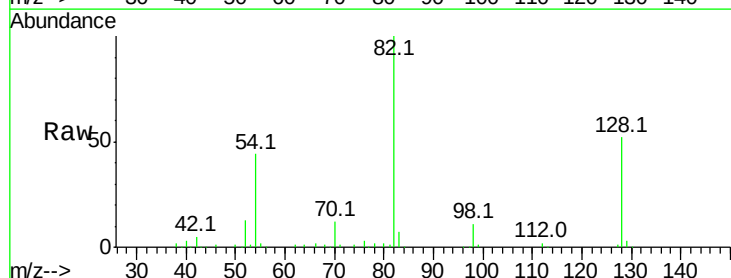
Tgt Ion: 82 Resp: 289415

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

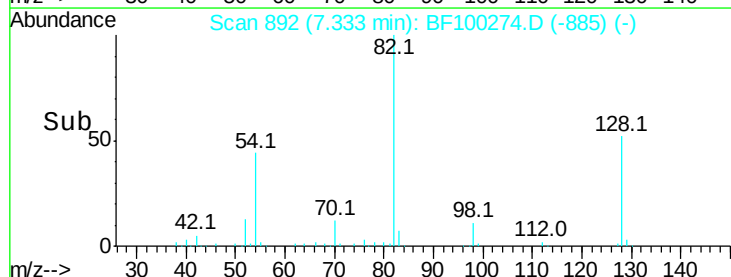
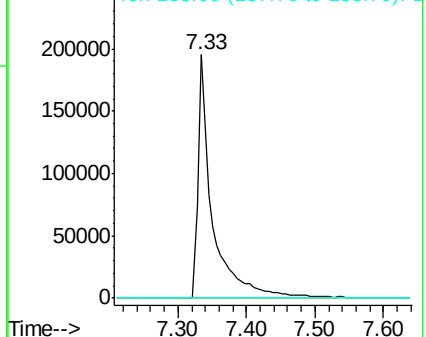
138 0.0 14.9 22.3#

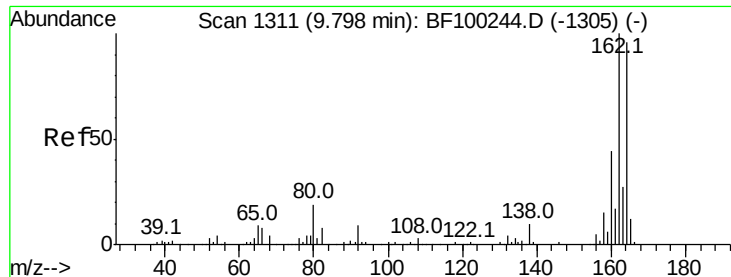


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

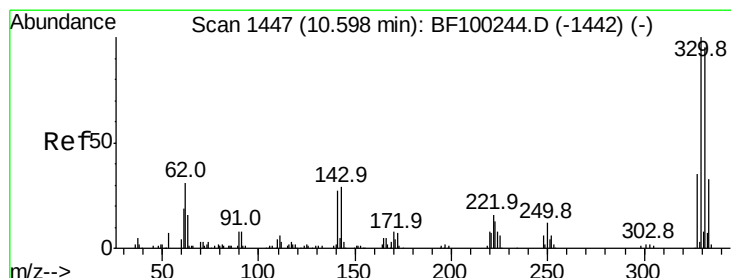
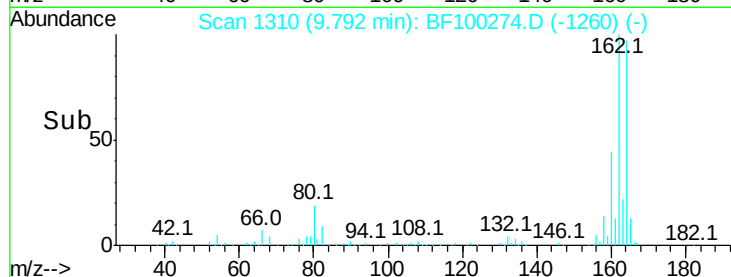
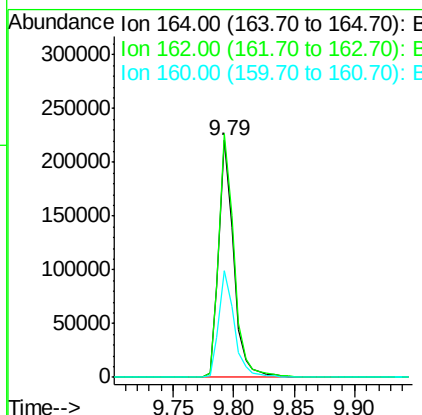
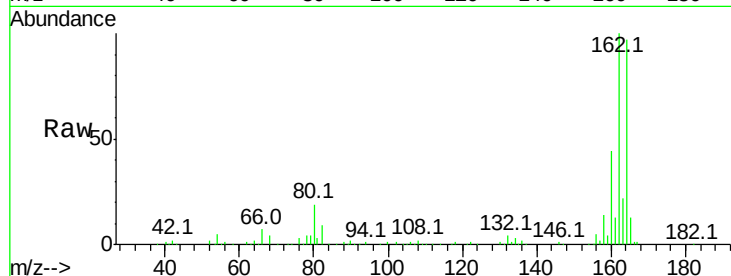




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100274.D
 Acq: 7 Nov 2017 5:01

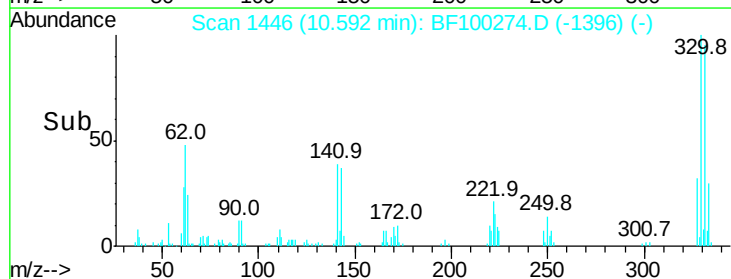
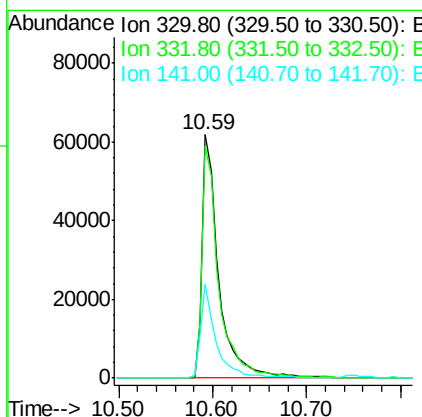
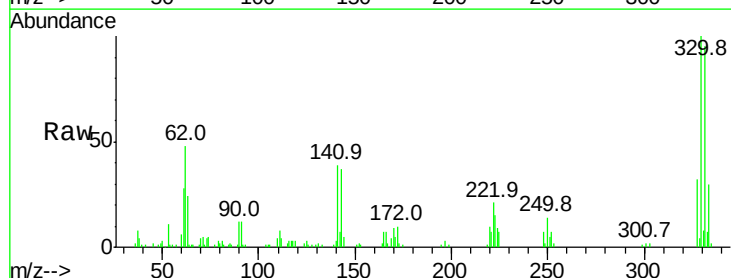
Instrument :
 BNA_F
 ClientSampleId :

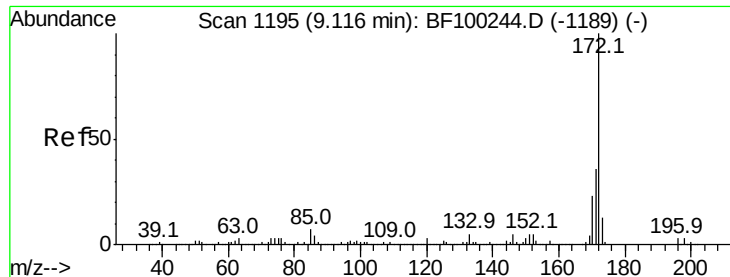
Tot Ion:164 Resp: 188073
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 44.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 44.783 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100274.D
 Acq: 7 Nov 2017 5:01

Tgt Ion:330 Resp: 76755
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 35.9 29.9 44.9

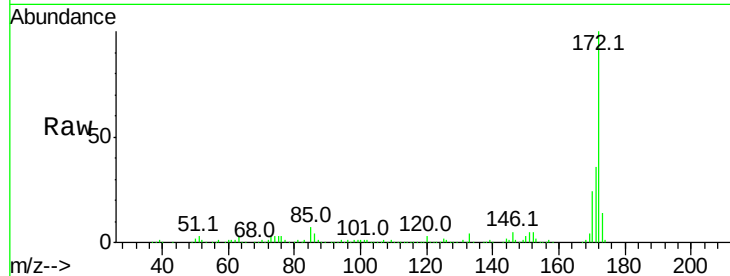




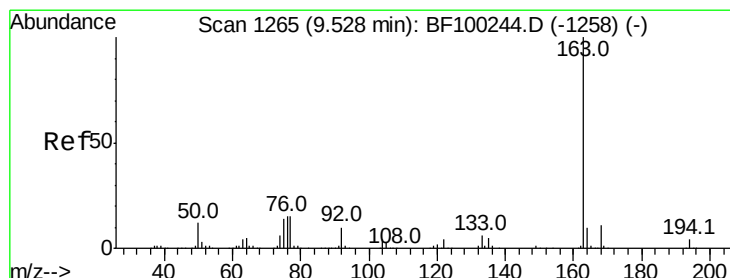
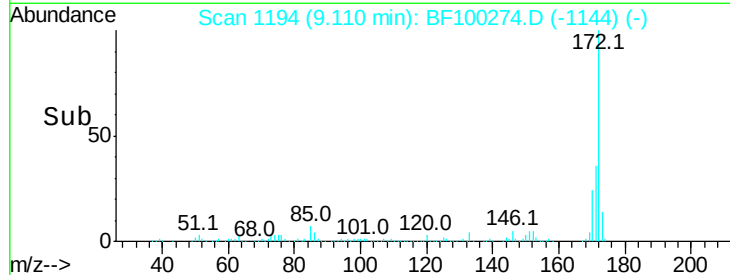
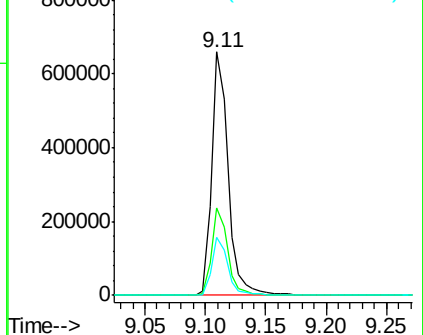
#44
2-Fluorobiphenyl
Concen: 50.459 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 615096
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.6 19.6 29.4

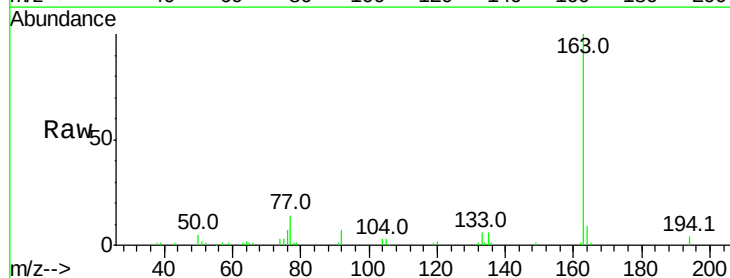


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

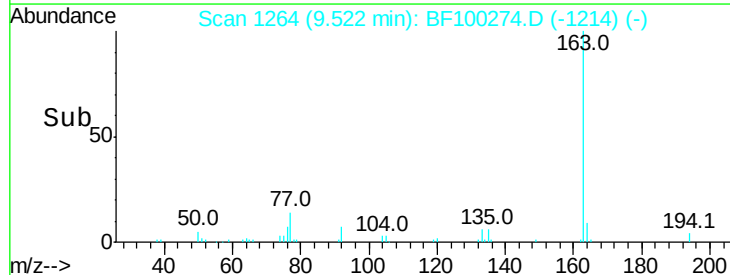
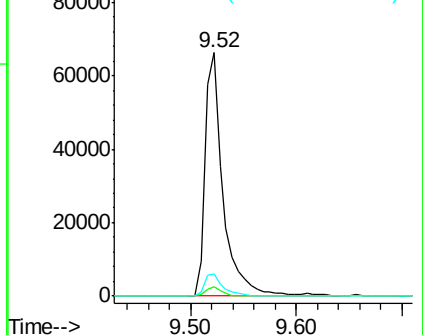


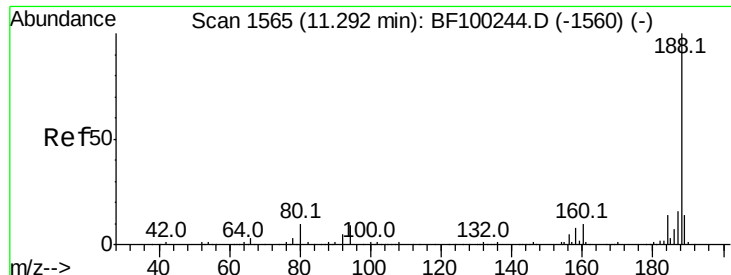
#49
Dimethylphthalate
Concen: 5.247 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Tgt Ion:163 Resp: 78142
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.4 8.2 12.2



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

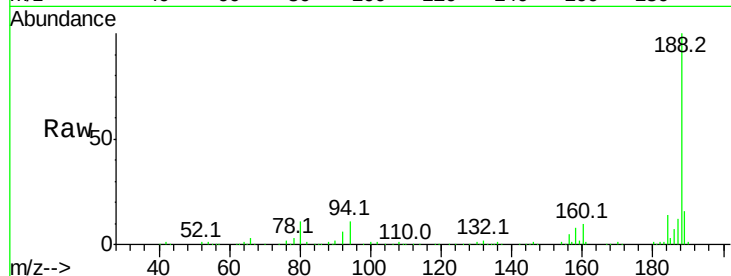




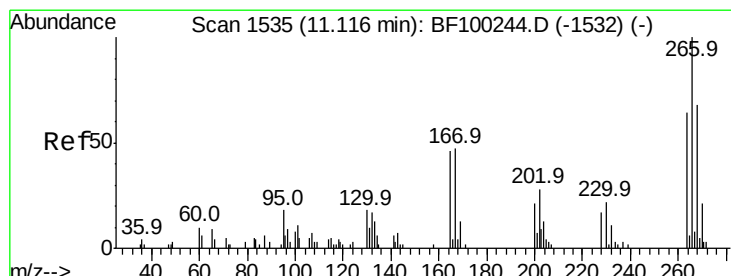
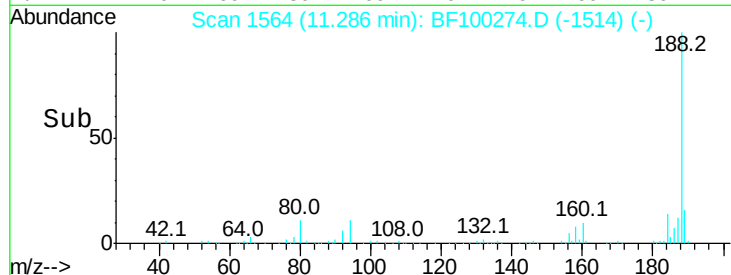
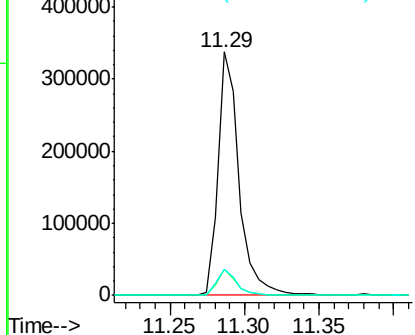
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 335006
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.9 9.2 13.8

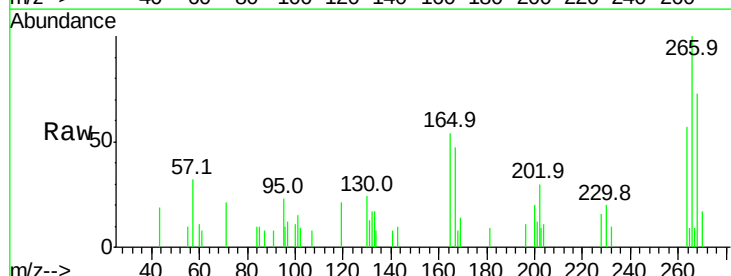


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

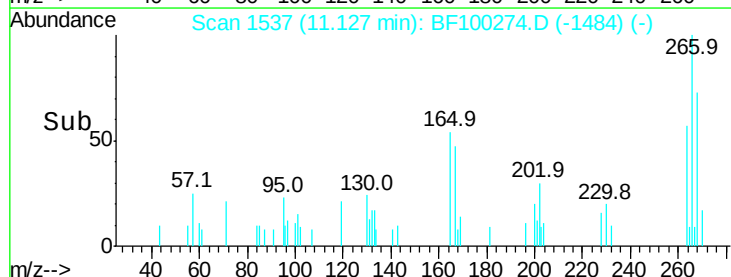
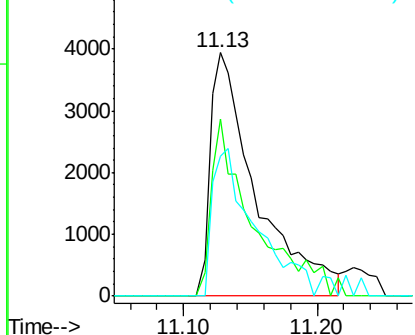


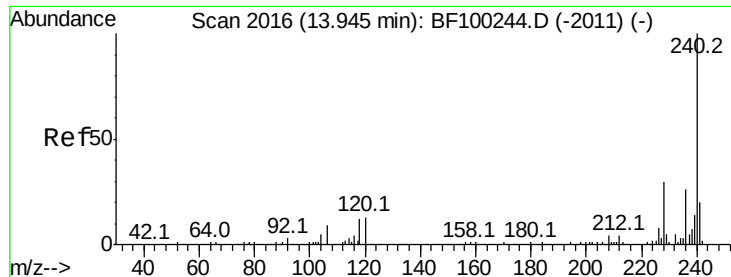
#69
Pentachlorophenol
Concen: 6.171 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Tgt Ion:266 Resp: 9514
Ion Ratio Lower Upper
266 100
268 72.9 51.1 76.7
264 57.4 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

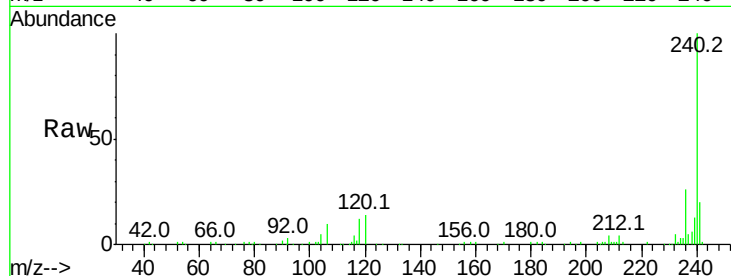




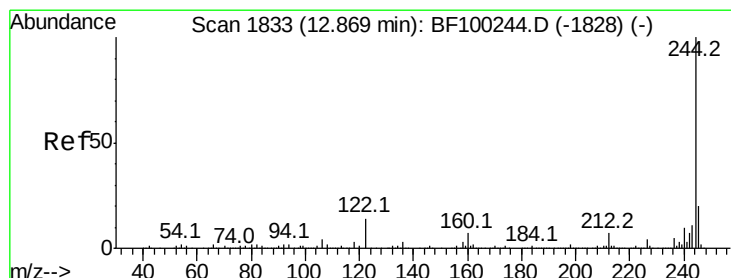
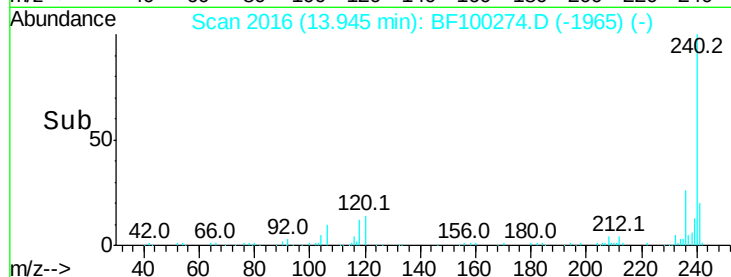
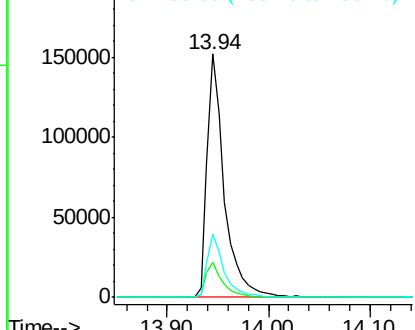
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100274.D
 Acq: 7 Nov 2017 5:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 178203
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 25.9 20.7 31.1

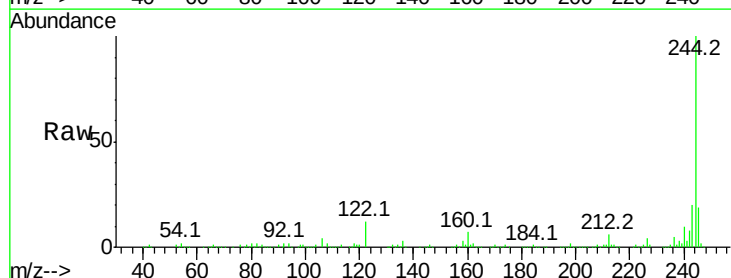


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

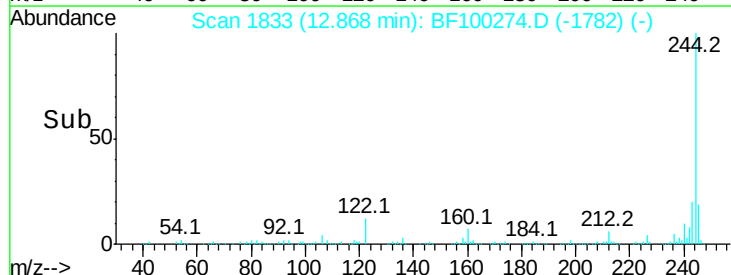
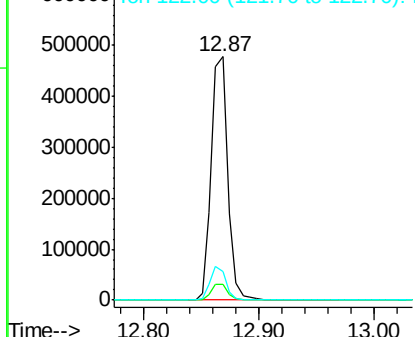


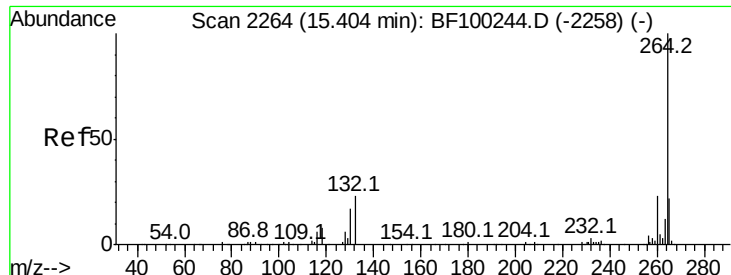
#78
 Terphenyl-d14
 Concen: 58.346 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100274.D
 Acq: 7 Nov 2017 5:01

Tgt Ion:244 Resp: 475777
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.7 11.0 16.4



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

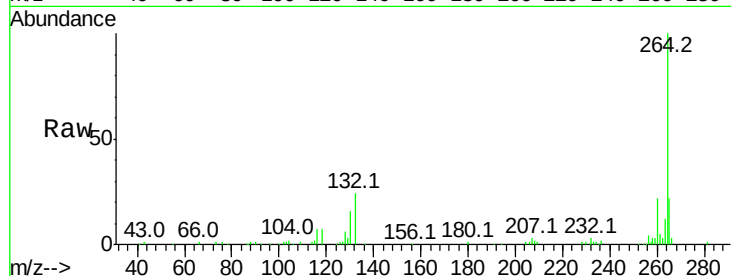




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.6	17.5	26.3



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

