

Data Path : Z:\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 :
 CF-1C(1-2)

Quant Time: Nov 07 06:28:57 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

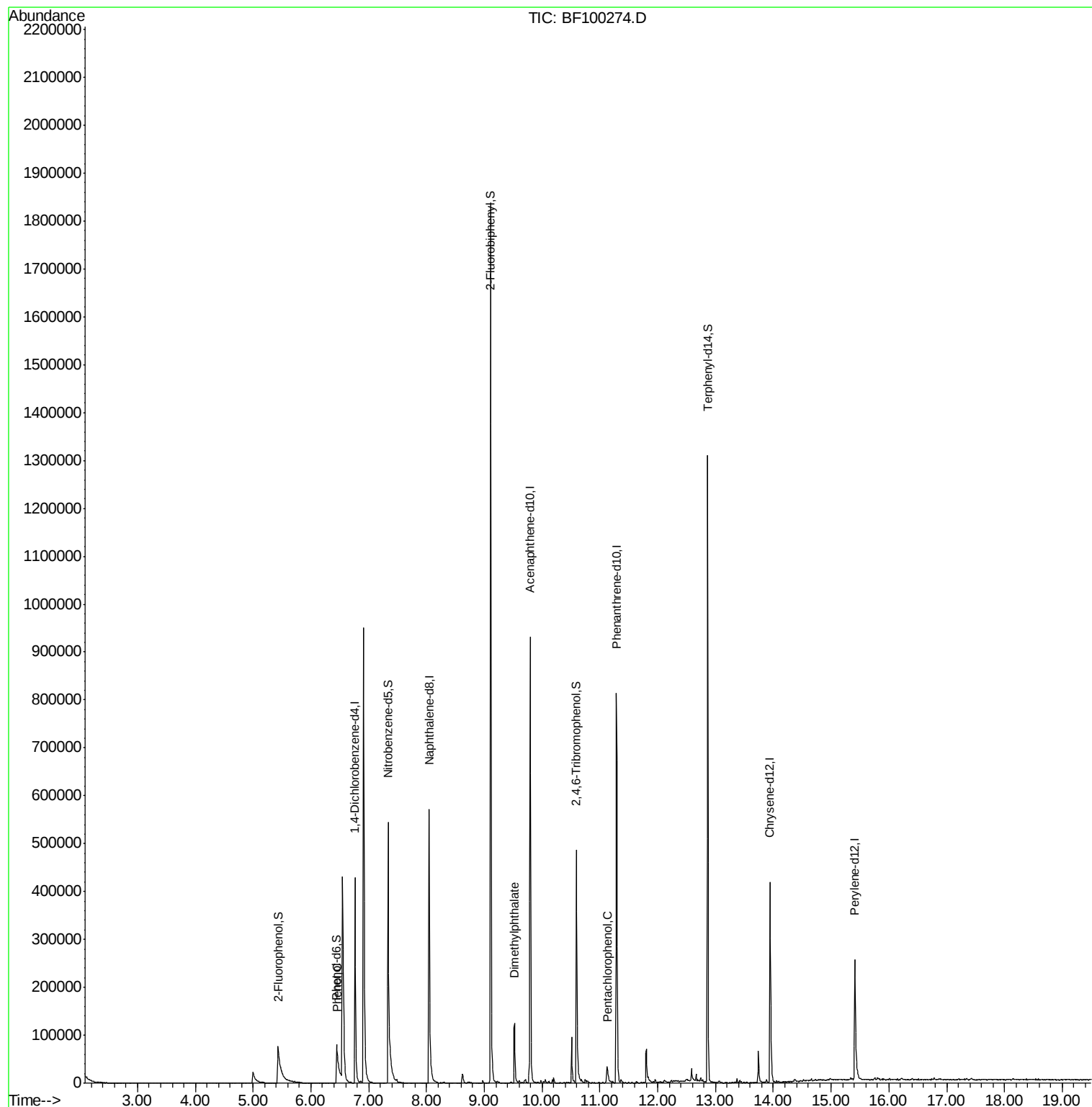
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98811	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	409201	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	188073	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	335006	20.00	ng	0.00
75) Chrysene-d12	13.94	240	178203	20.00	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
49) Dimethylphthalate	9.52	163	78142	5.247	ng	98
69) Pentachlorophenol	11.13	266	9514	6.171	ng	91

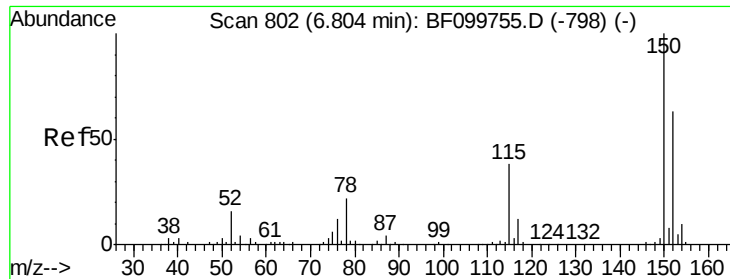
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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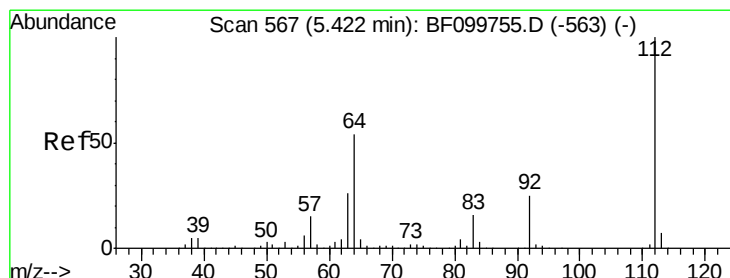
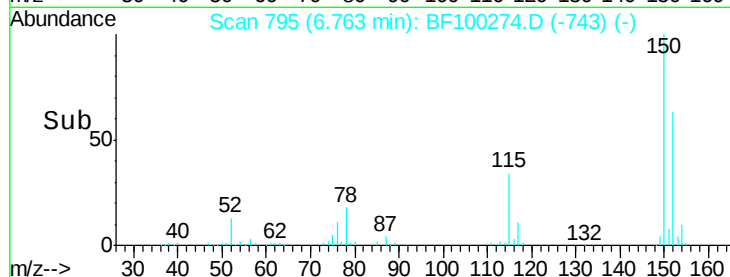
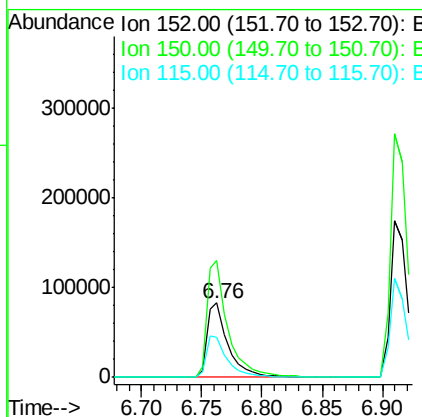
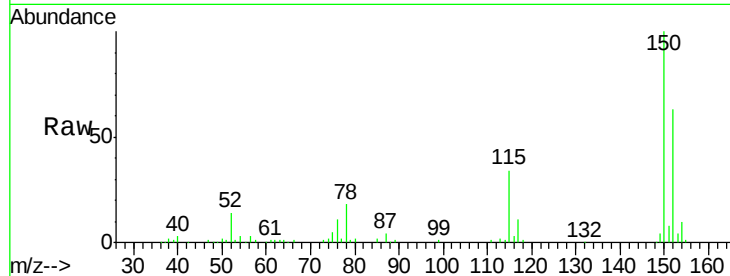


#1

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 :
 CF-1C(1-2)

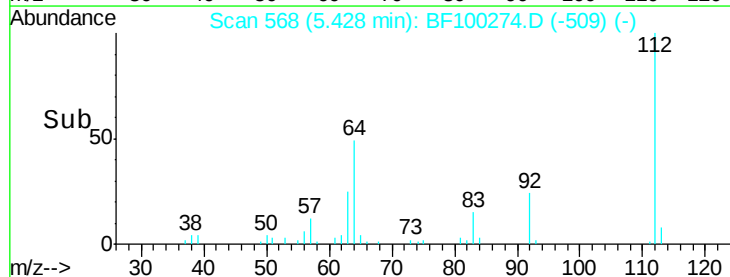
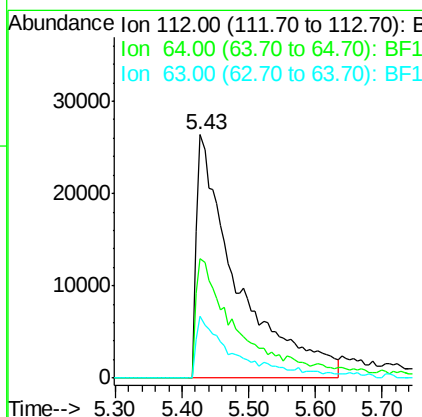
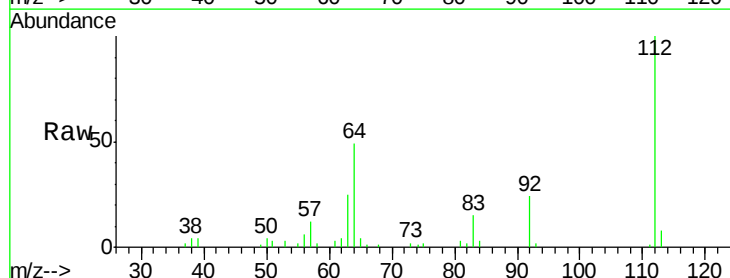
Tgt Ion:152 Resp: 98811
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 53.6 50.1 75.1

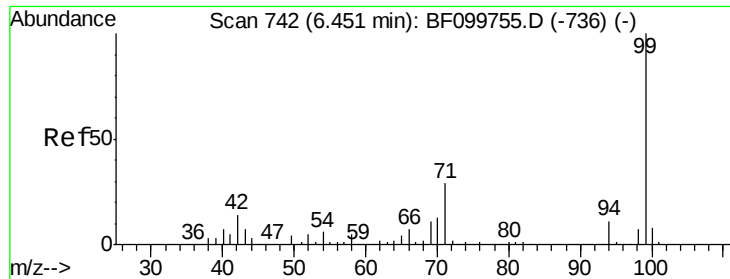


#5

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





#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 :

CF-1C(1-2)

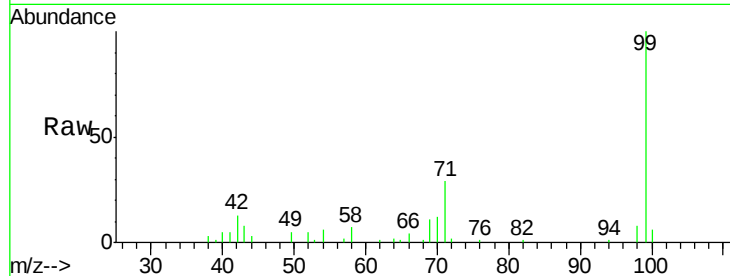
Tgt Ion: 99 Resp: 92588

Ion Ratio Lower Upper

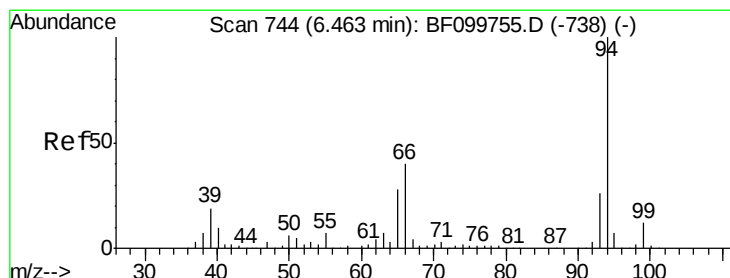
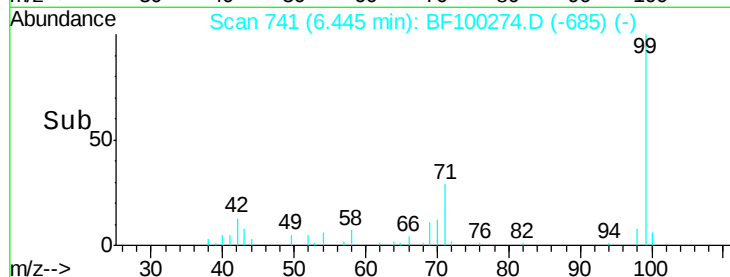
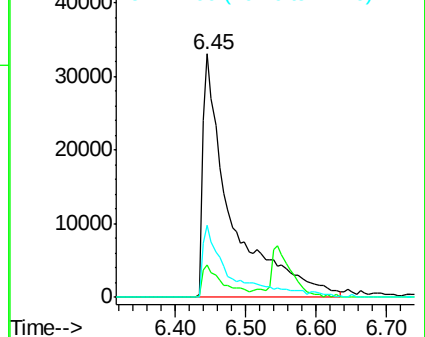
99 100

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

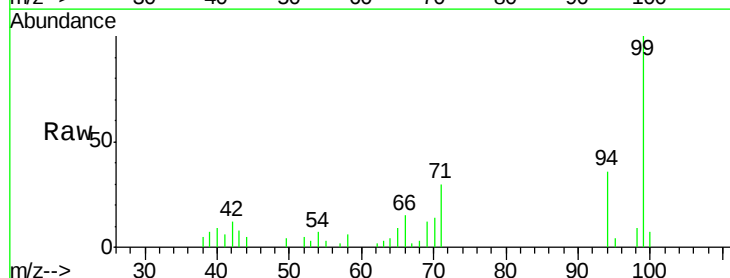
Tgt Ion: 94 Resp: 19612

Ion Ratio Lower Upper

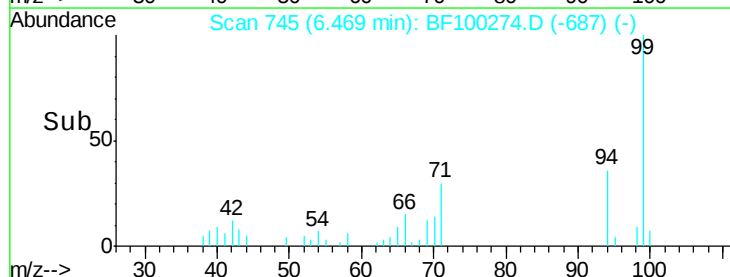
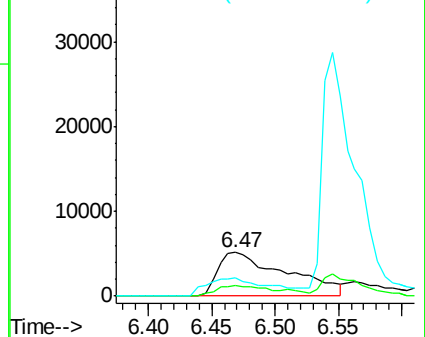
94 100

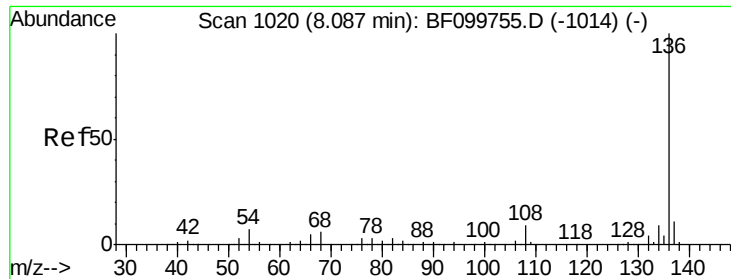
65 23.7 7.9 47.9

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

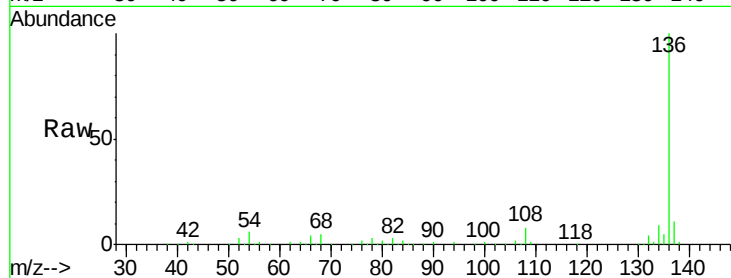




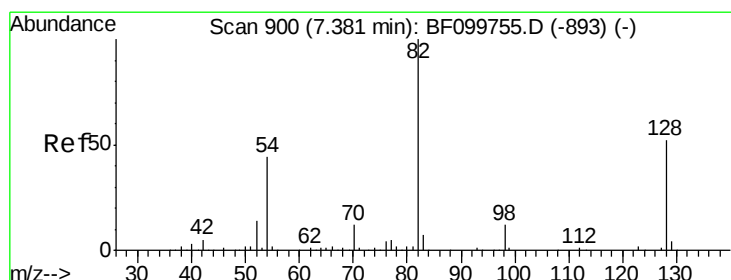
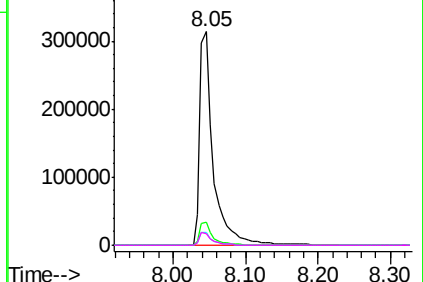
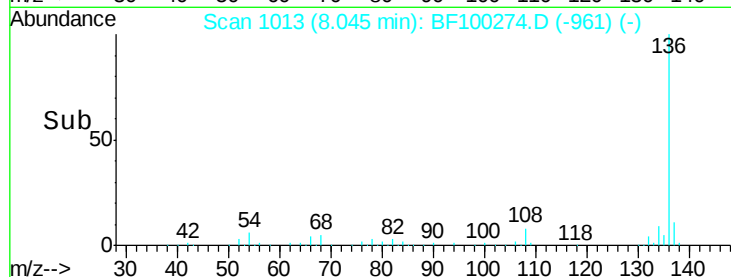
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Instrument :
BNA_F
ClientSampleId :
CF-1C(1-2)

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

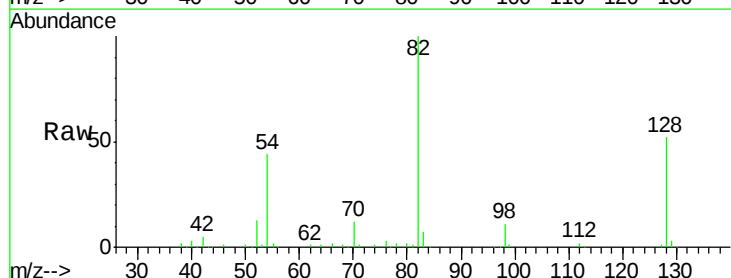


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

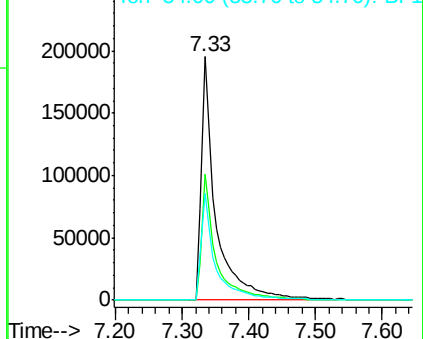
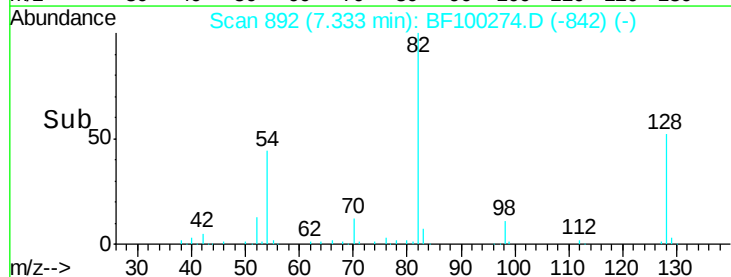


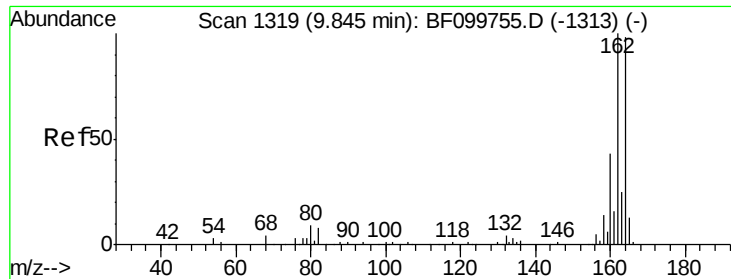
#23
Nitrobenzene-d5
Concen: 45.534 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BF1

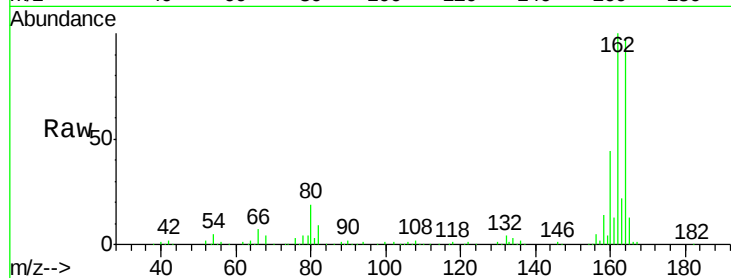




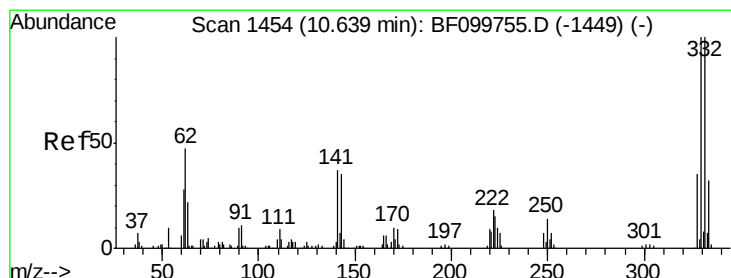
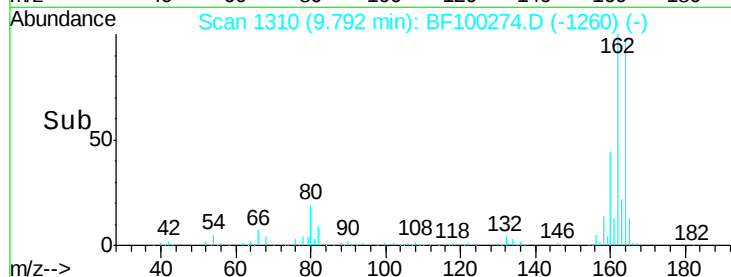
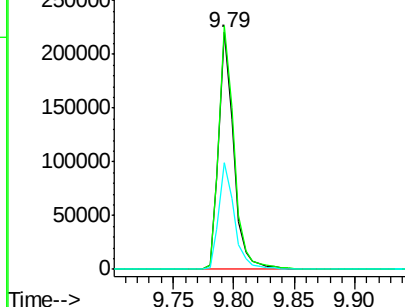
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100274.D
 Acq: 7 Nov 2017 5:01

Instrument :
 BNA_F
 ClientSampleId :
 CF-1C(1-2)

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

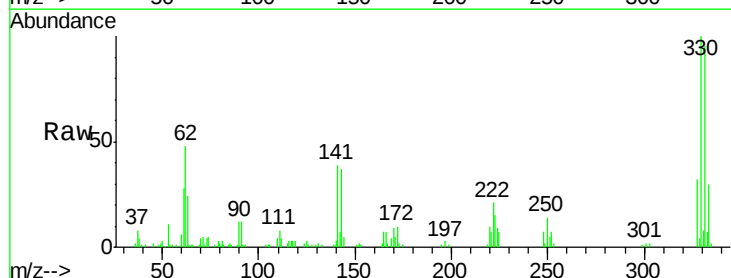


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

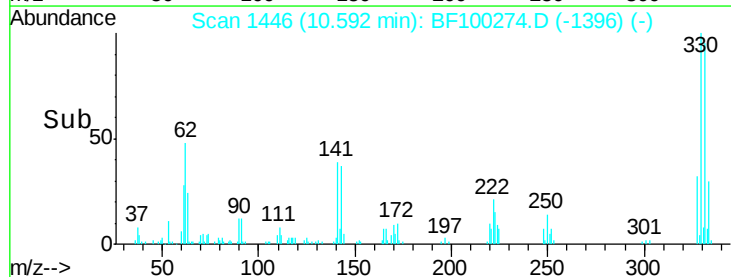
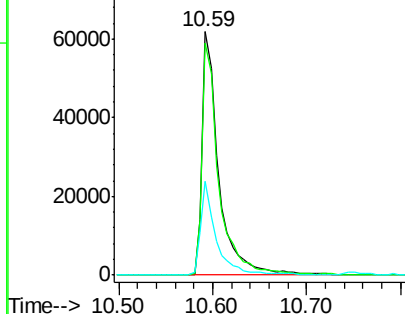


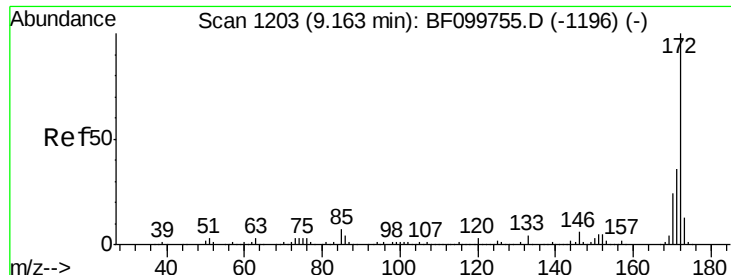
#41
 2,4,6-Tribromophenol
 Concen: 44.783 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100274.D
 Acq: 7 Nov 2017 5:01

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



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

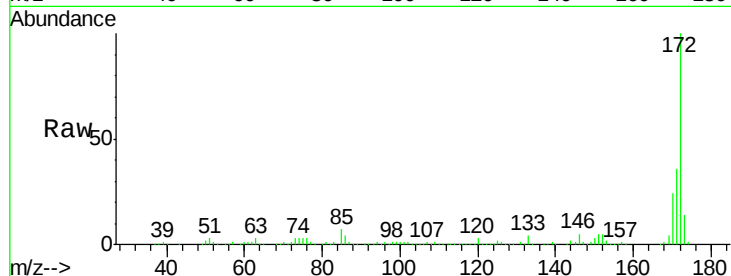




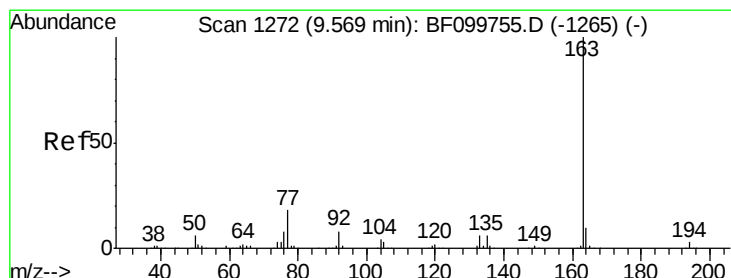
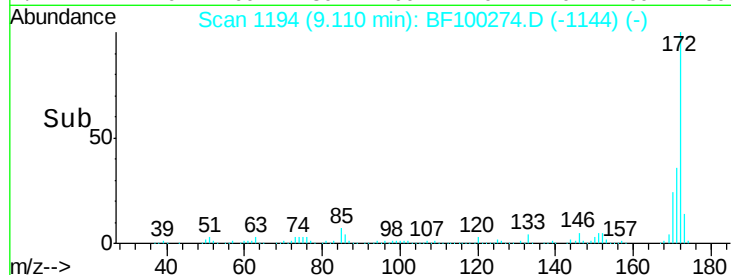
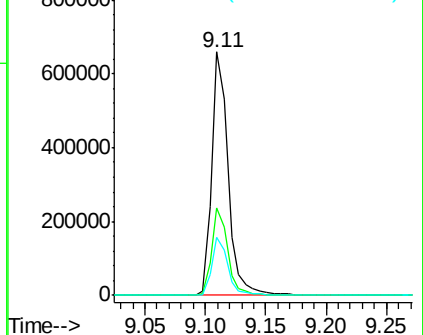
#44
2-Fluorobiphenyl
Concen: 50.459 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

Instrument :
BNA_F
ClientSampleId :
CF-1C(1-2)

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

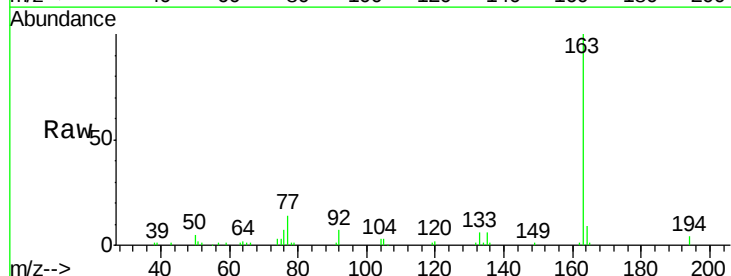


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

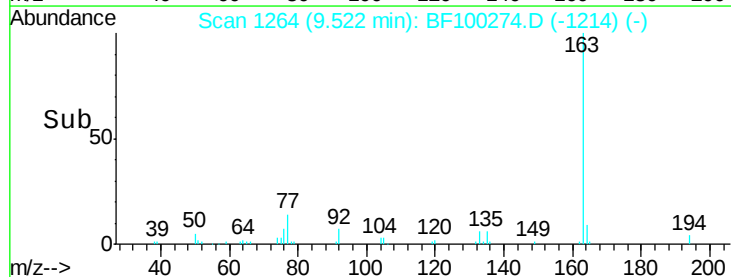
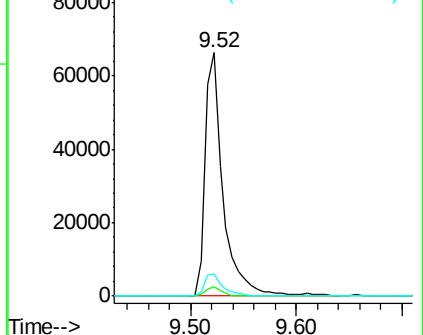


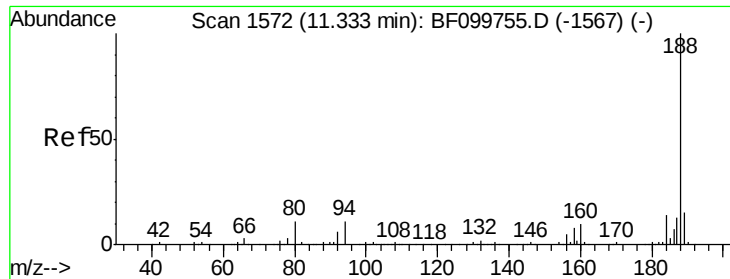
#49
Dimethylphthalate
Concen: 5.247 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100274.D
Acq: 7 Nov 2017 5:01

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

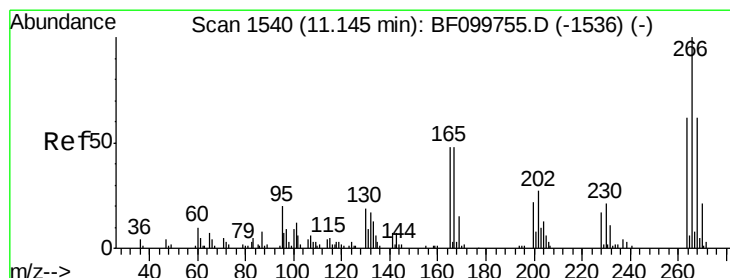
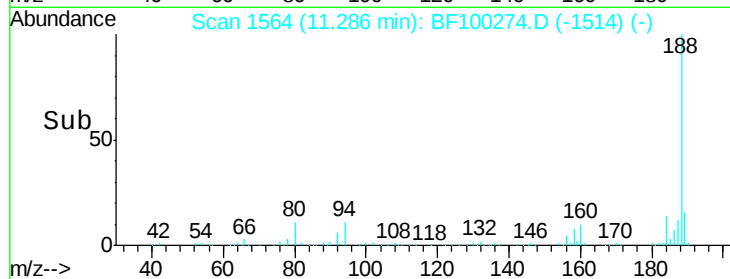
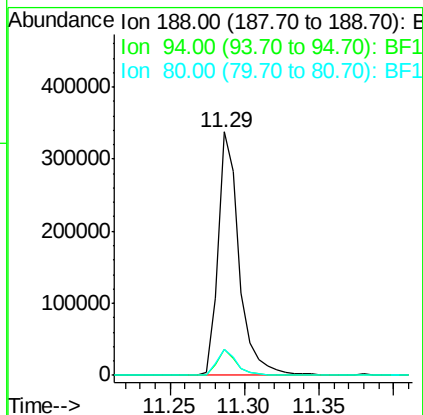
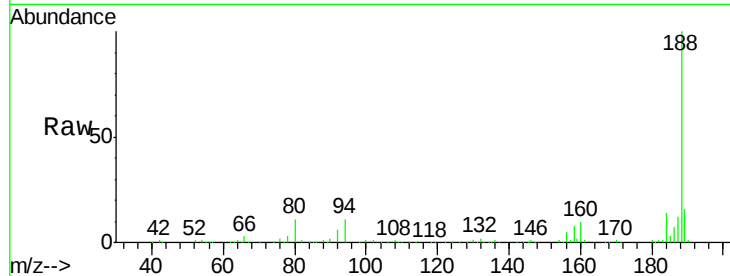




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100274.D
 Acq: 7 Nov 2017 5:01

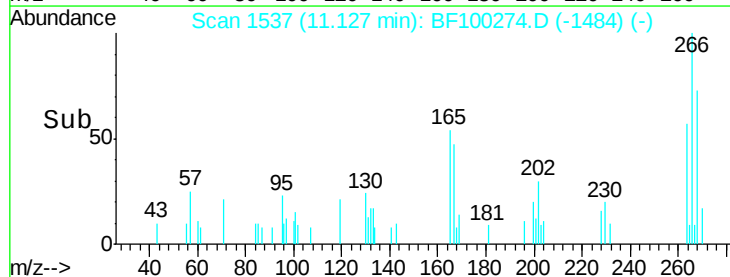
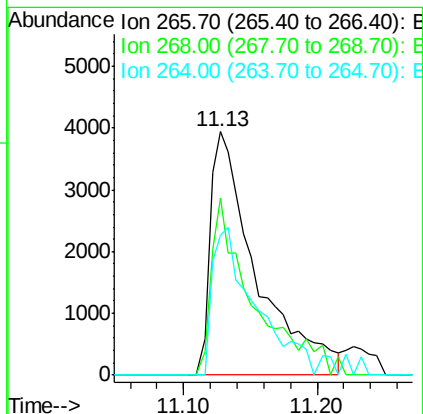
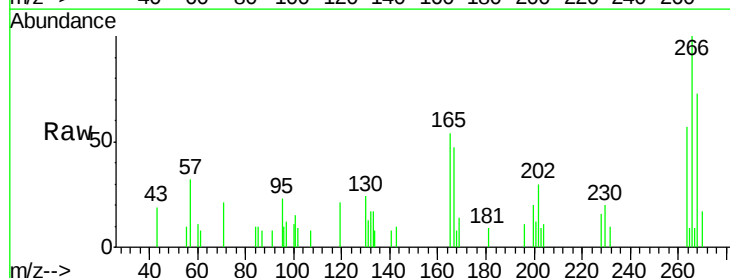
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 CF-1C(1-2)

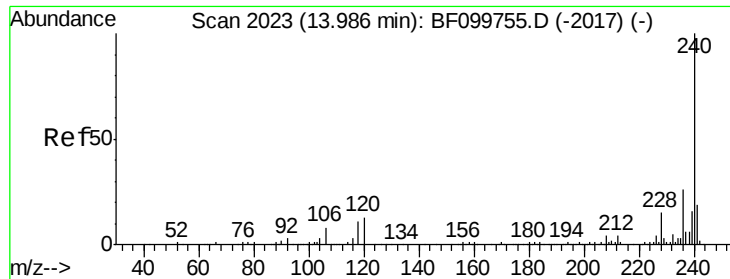
Tgt Ion:188 Resp: 335006
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 10.9 9.2 13.8



#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

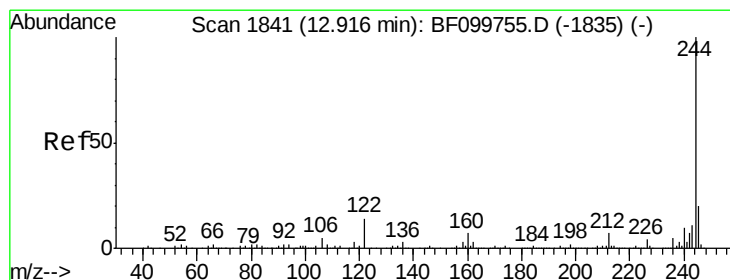
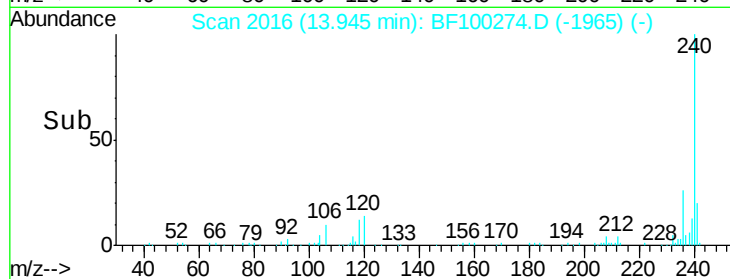
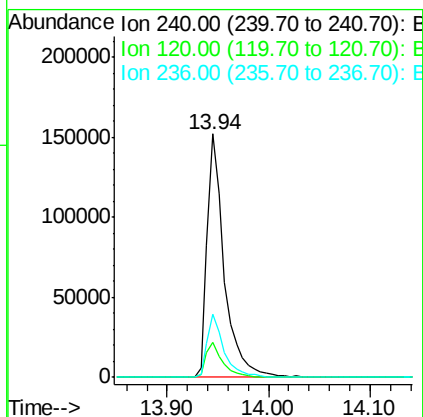
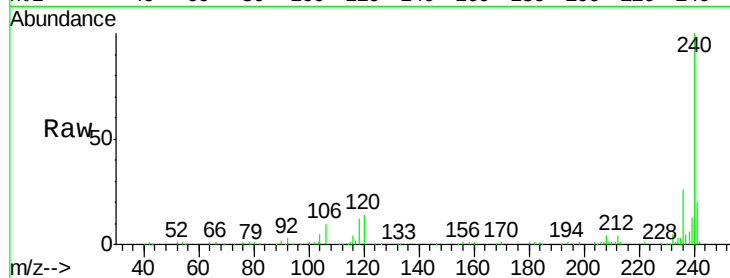




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100274.D
 Acq: 7 Nov 2017 5:01

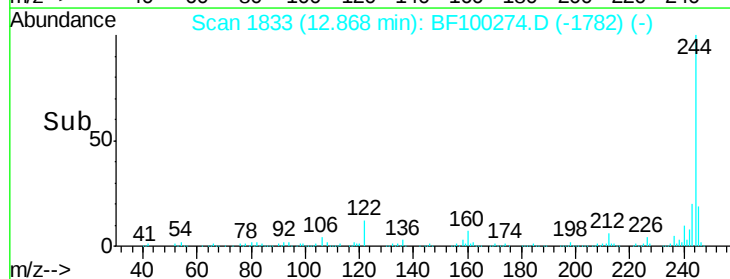
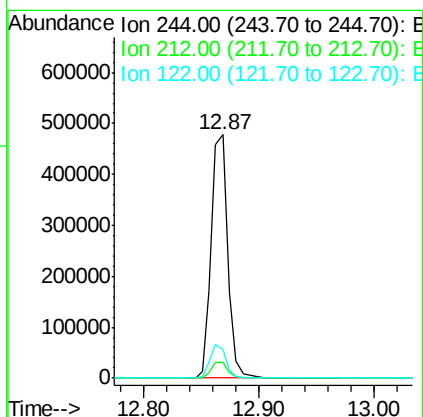
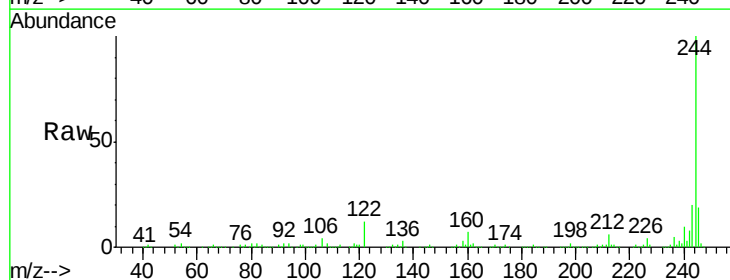
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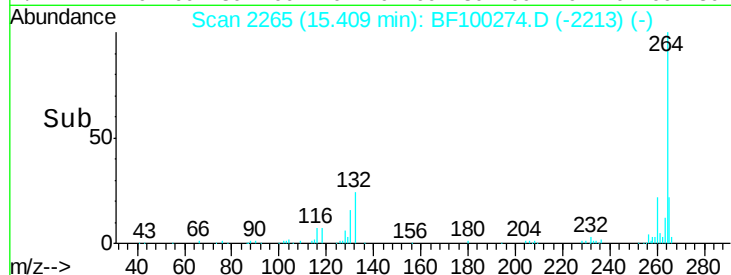
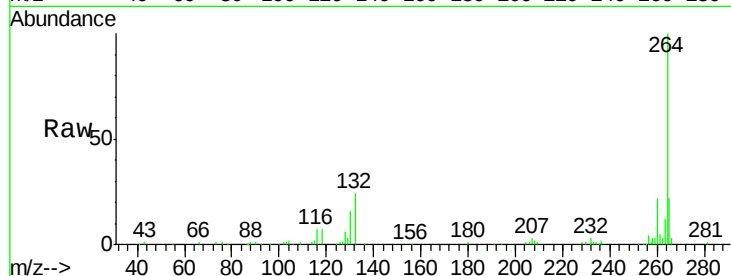
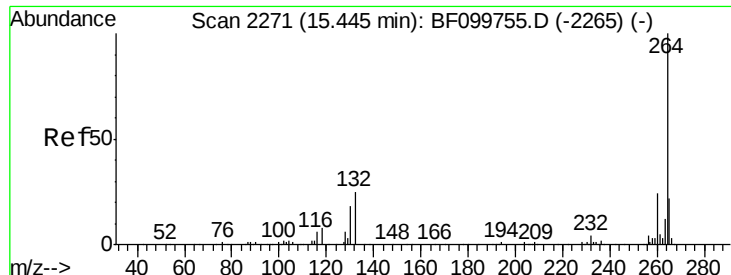
Tgt Ion:240 Resp: 178203
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 25.9 20.7 31.1



#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





#86
Perylene-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 :
CF-1C(1-2)

Tgt Ion:	264	Resp:	163090
Ion Ratio	Lower	Upper	
264	100		
260	22.1	19.2	28.8
265	21.6	17.5	26.3

