

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101527.D
 Acq On : 19 Dec 2017 17:27
 Operator : SJ/JU
 Sample : I6940-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211

Quant Time: Dec 20 07:23:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

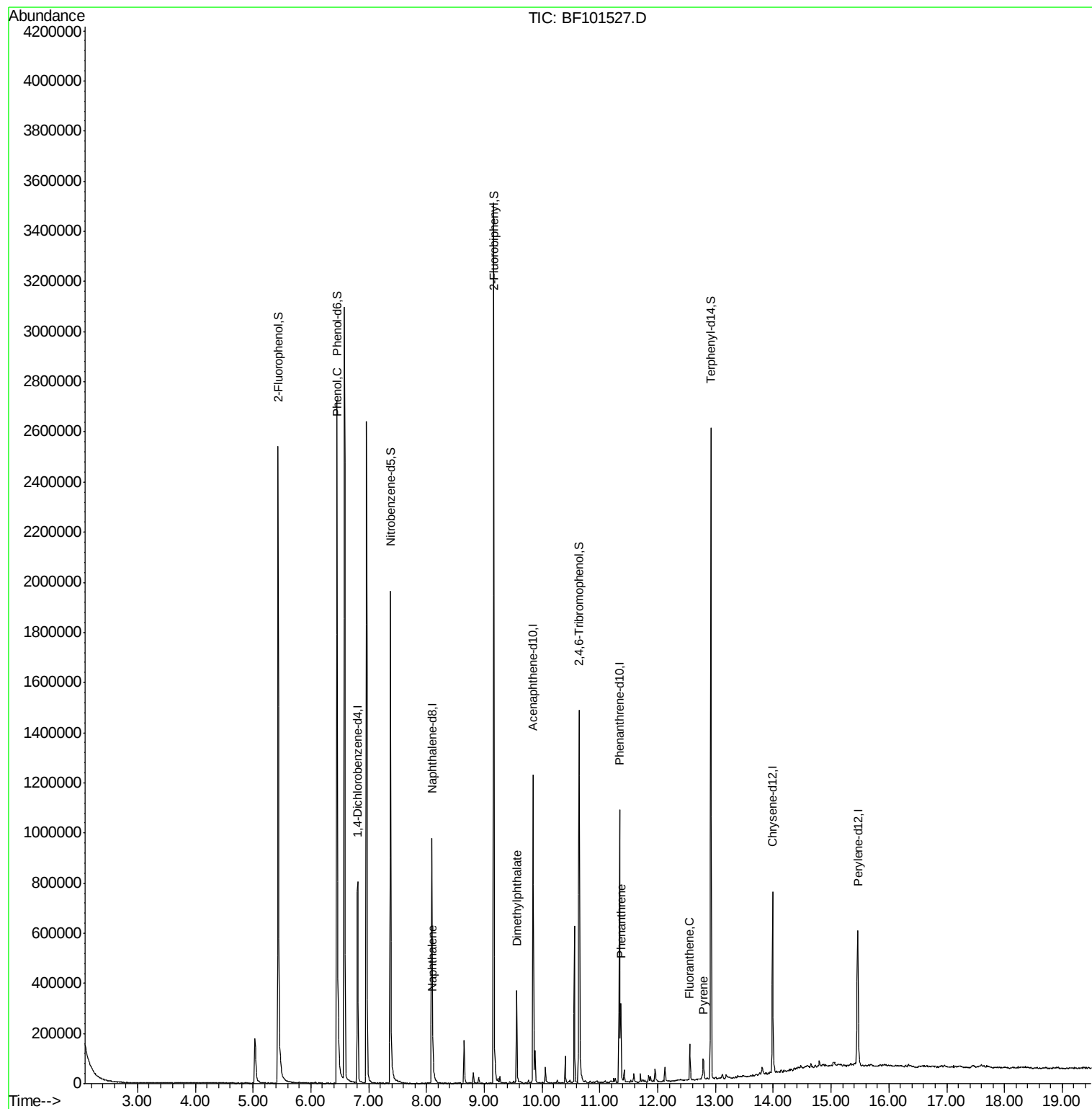
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133382	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	535364	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	235287	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	416108	20.00	ng	0.00
75) Chrysene-d12	13.99	240	253105	20.00	ng	0.00
86) Perylene-d12	15.46	264	301509	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	857625	95.78	ng	0.01
7) Phenol-d6	6.45	99	1169377	104.93	ng	0.00
23) Nitrobenzene-d5	7.38	82	750322	78.02	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	209318	92.33	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1214055	80.04	ng	0.00
78) Terphenyl-d14	12.92	244	920505	87.68	ng	0.00
Target Compounds						
10) Phenol	6.46	94	94337	7.427	ng	93
31) Naphthalene	8.11	128	60875	2.259	ng	98
49) Dimethylphthalate	9.56	163	168394	8.898	ng	99
70) Phenanthrene	11.36	178	120430	5.204	ng	97
74) Fluoranthene	12.56	202	59093	2.433	ng	98
77) Pyrene	12.79	202	38755	2.040	ng	95

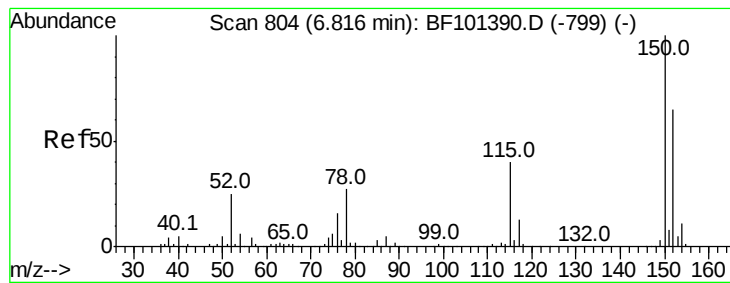
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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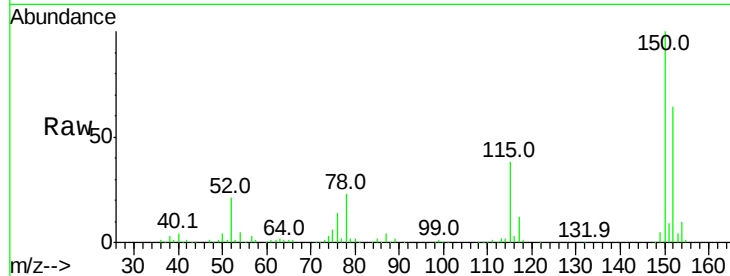


#1

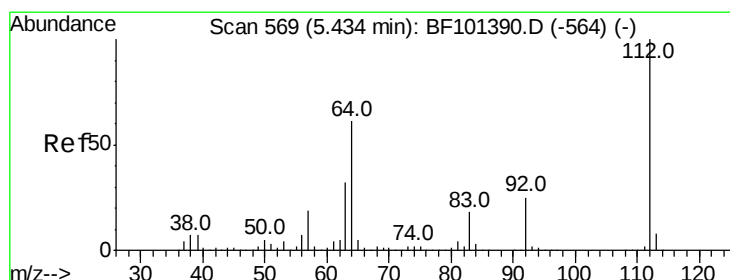
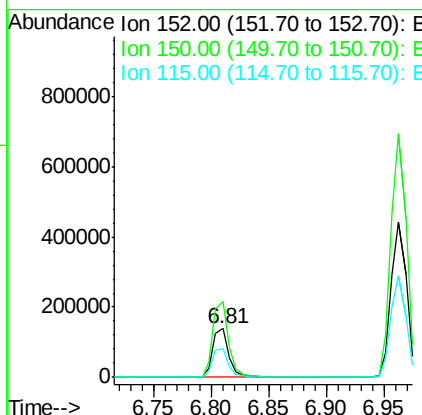
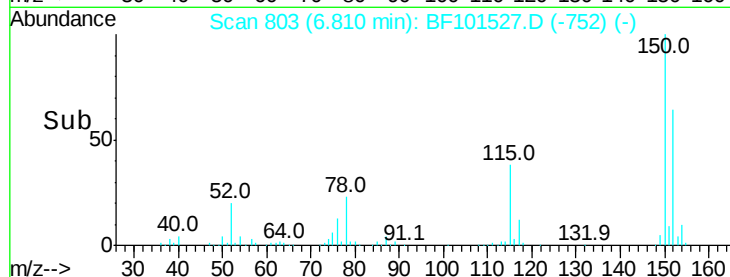
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tot Ion:152 Resp: 133382
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 58.7 50.1 75.1



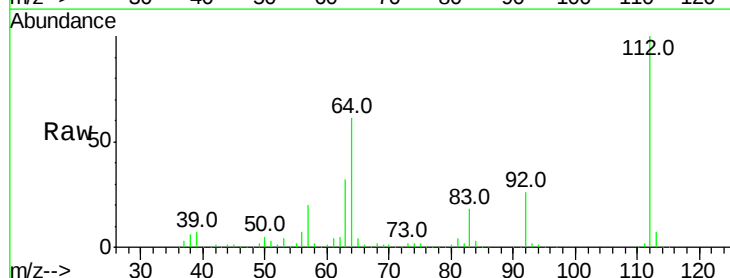
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



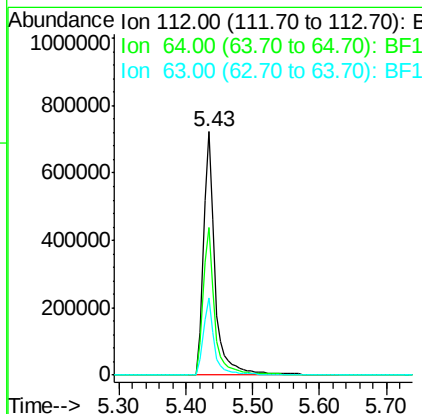
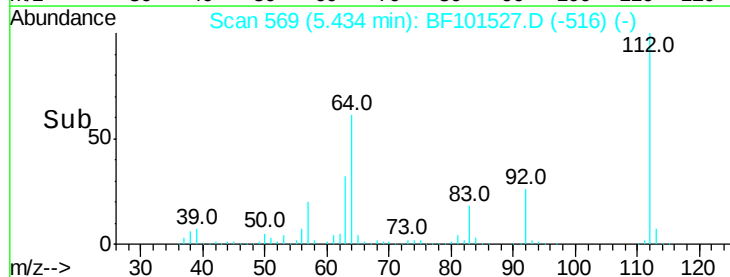
#5

2-Fluorophenol
Concen: 95.778 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:112 Resp: 857625
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.6 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: 104.933 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211

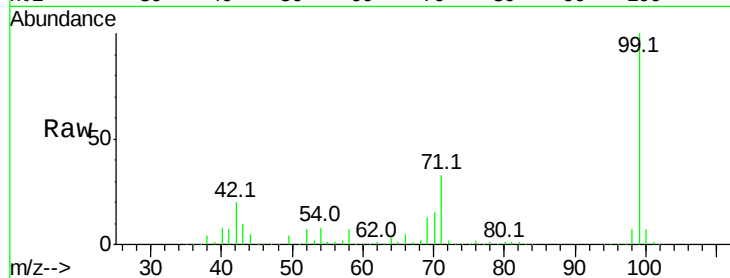
Tot Ion: 99 Resp: 1169377

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.4	25.4	38.0

99 100

42 20.0 14.5 21.7

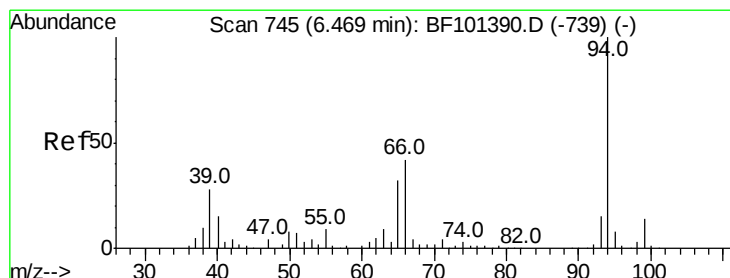
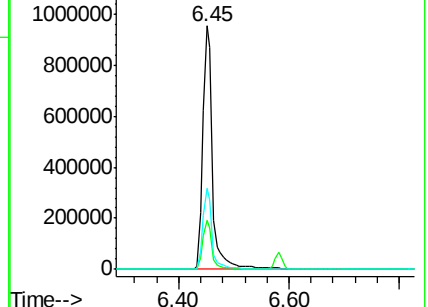
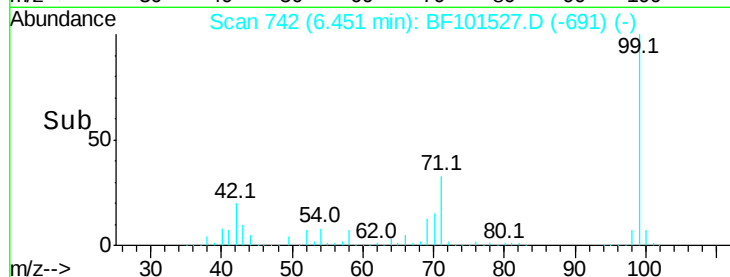
71 33.4 25.4 38.0



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: 7.427 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

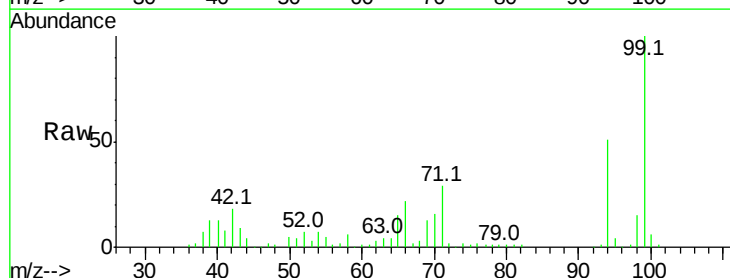
Tgt Ion: 94 Resp: 94337

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	42.4	16.2	56.2

94 100

65 29.2 7.9 47.9

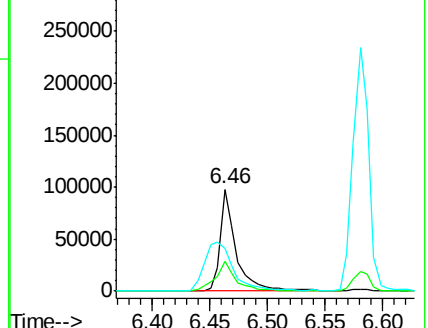
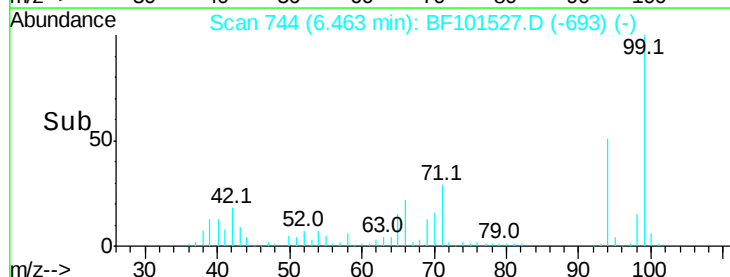
66 42.4 16.2 56.2

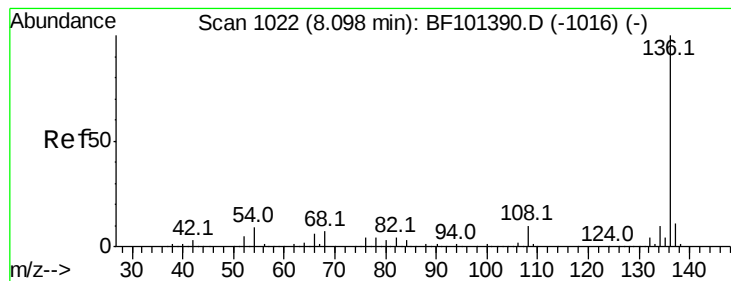


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211

Tot Ion:136 Resp: 535364

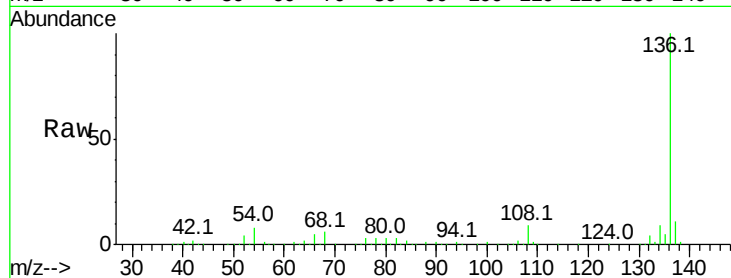
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 6.3 5.0 7.4

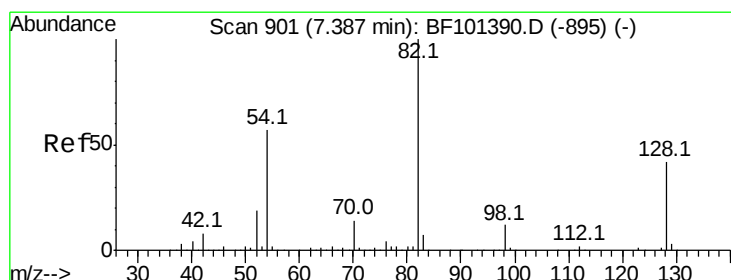
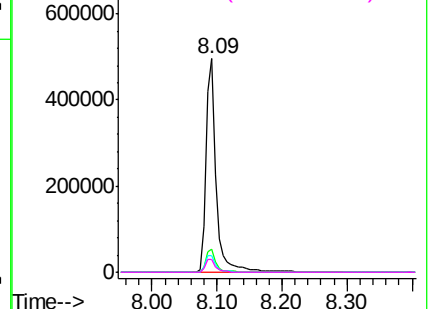
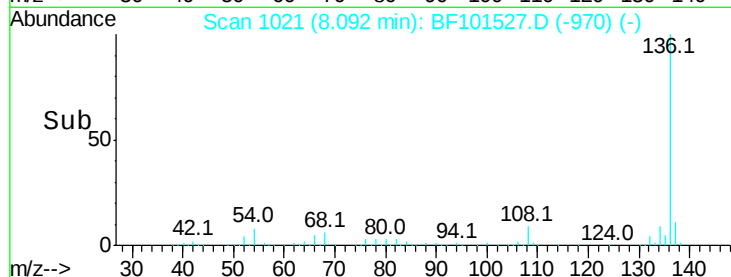


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.017 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

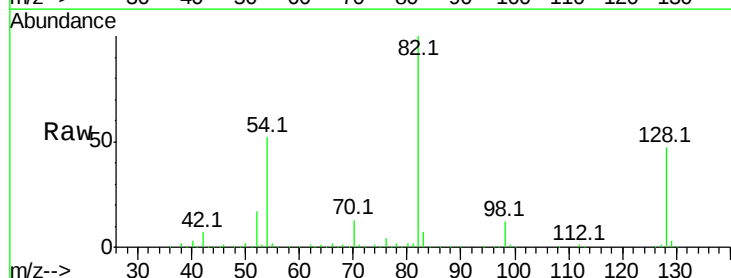
Tgt Ion: 82 Resp: 750322

Ion Ratio Lower Upper

82 100

128 47.0 36.1 54.1

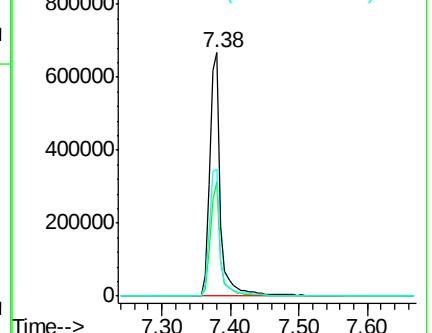
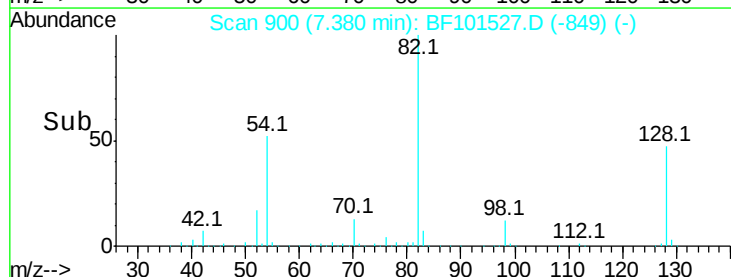
54 52.2 41.4 62.2

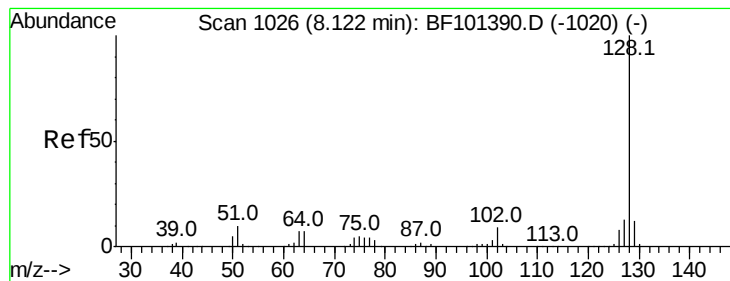


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 2.259 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211

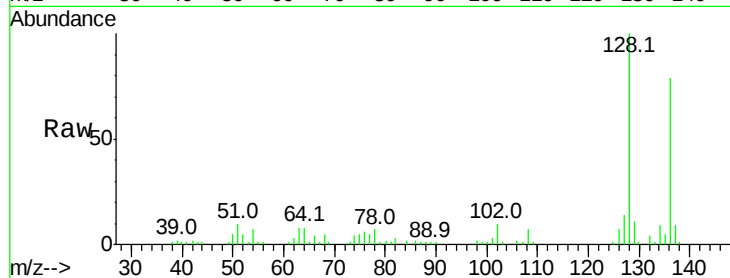
Tot Ion:128 Resp: 60875

Ion Ratio Lower Upper

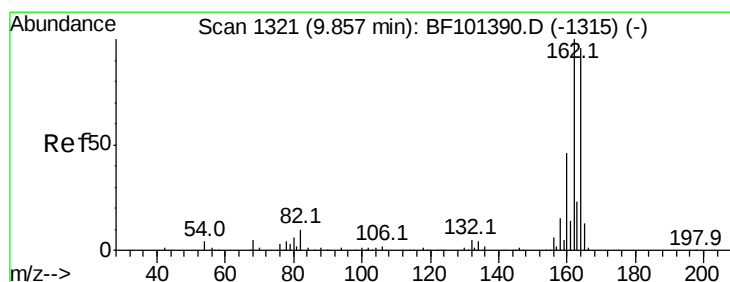
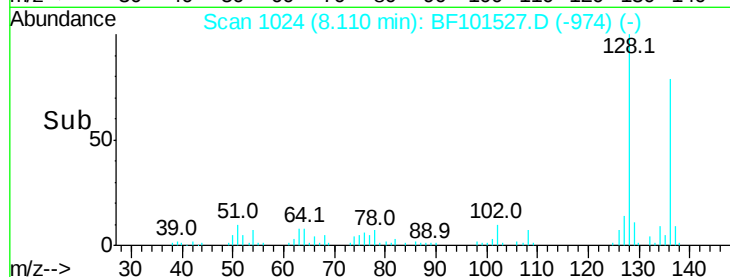
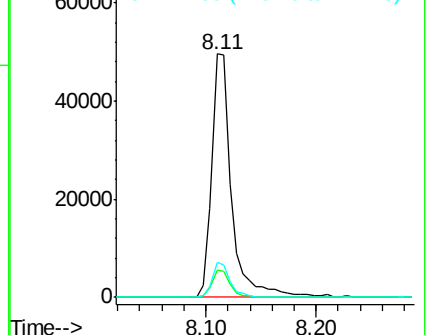
128 100

129 11.4 8.8 13.2

127 14.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

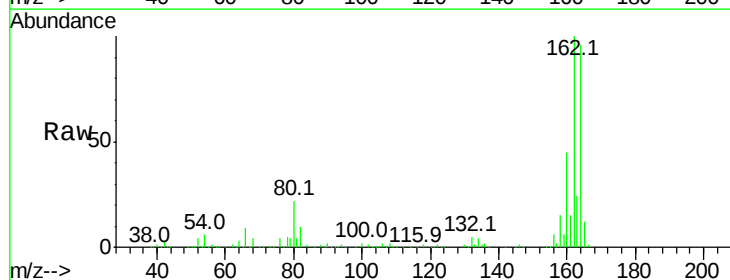
Tgt Ion:164 Resp: 235287

Ion Ratio Lower Upper

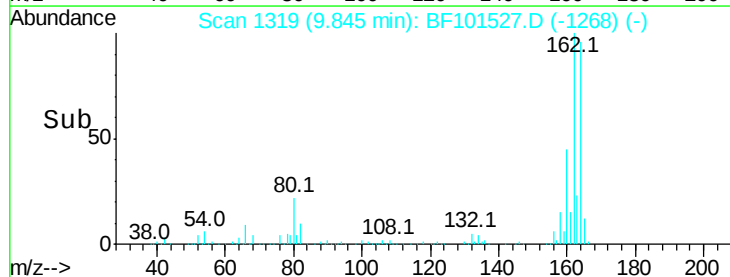
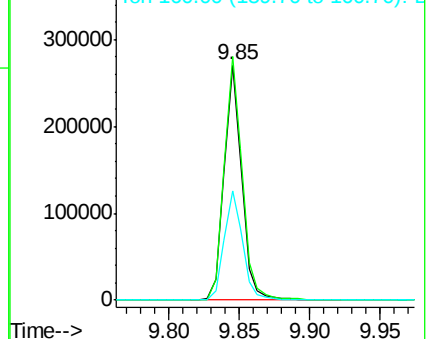
164 100

162 103.7 86.1 129.1

160 46.6 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

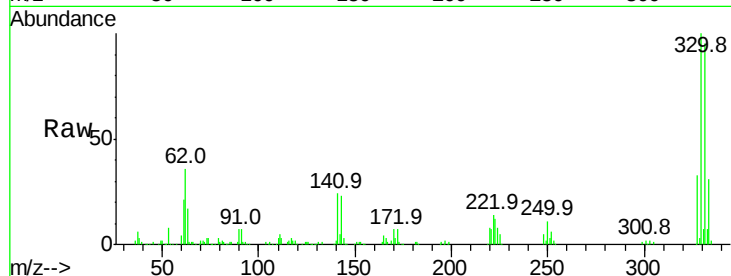




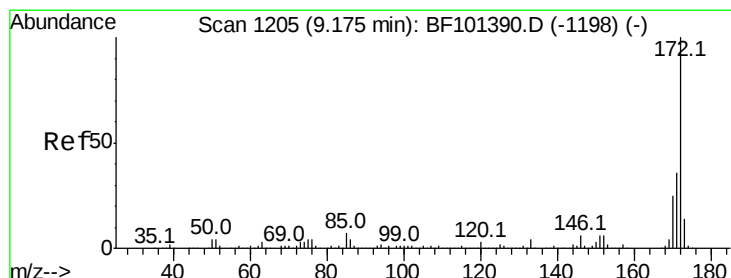
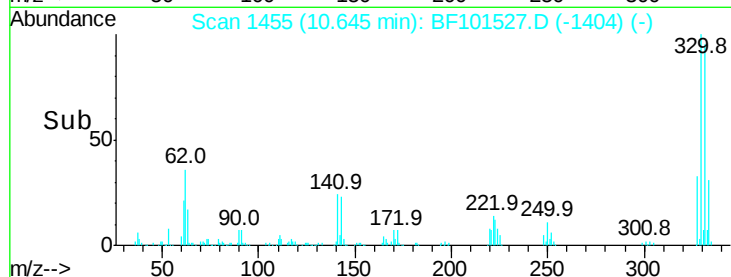
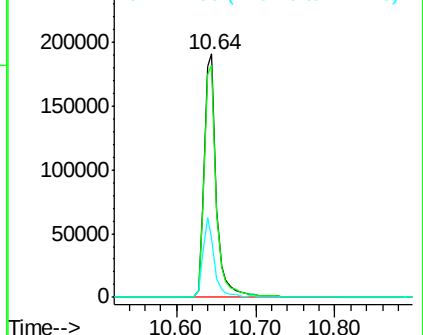
#41
2,4,6-Tribromophenol
Concen: 92.326 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tot Ion:330 Resp: 209318
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 30.9 29.9 44.9

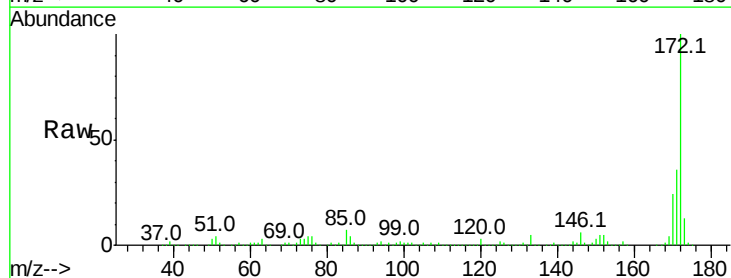


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

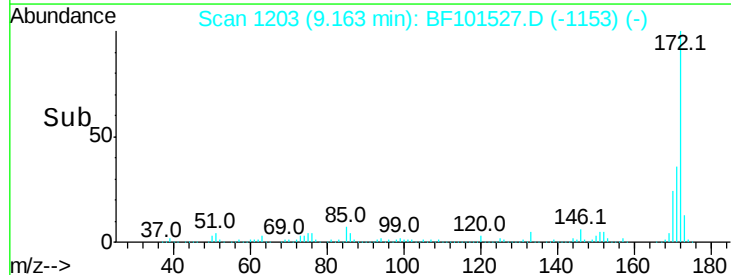
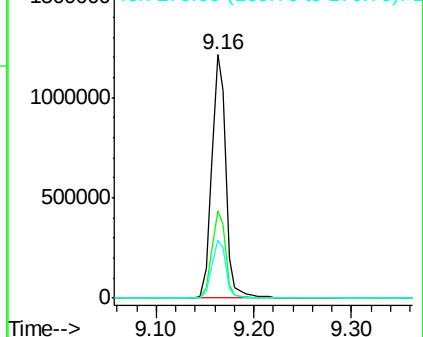


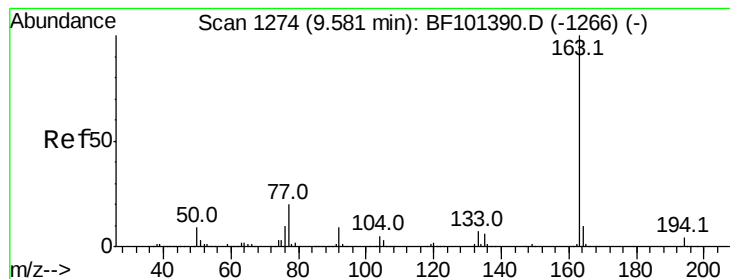
#44
2-Fluorobiphenyl
Concen: 80.042 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:172 Resp: 1214055
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.7 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: 8.898 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211

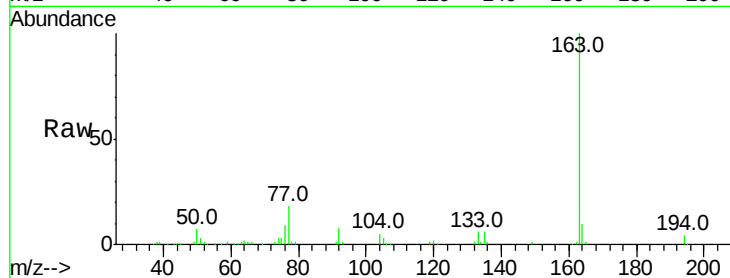
Tot Ion:163 Resp: 168394

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

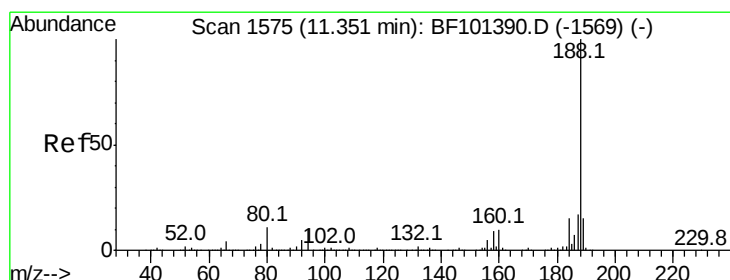
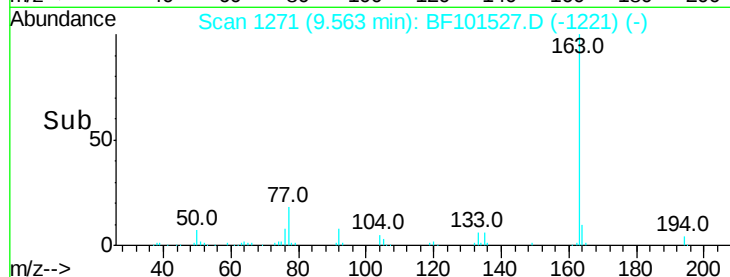
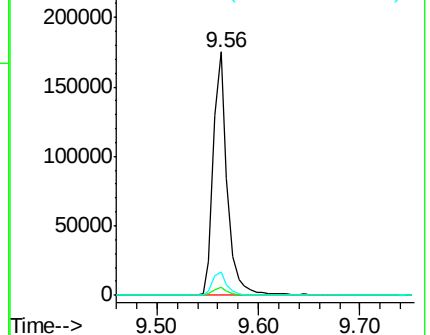
164 9.7 8.2 12.2



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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

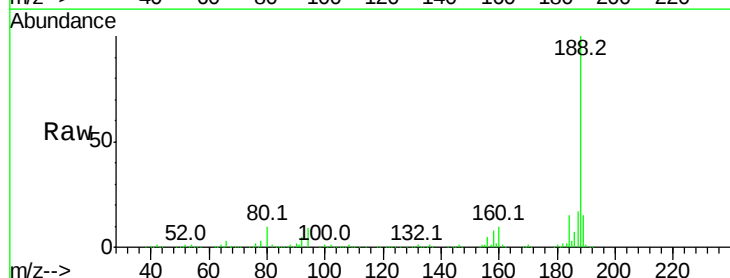
Tgt Ion:188 Resp: 416108

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

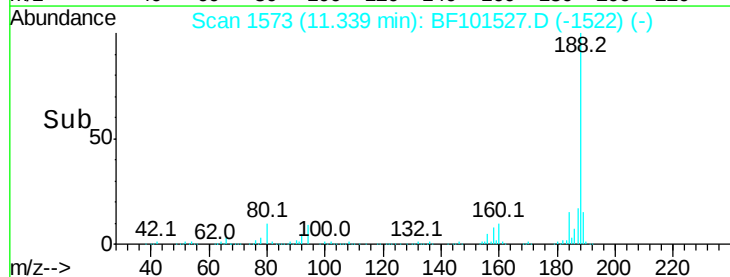
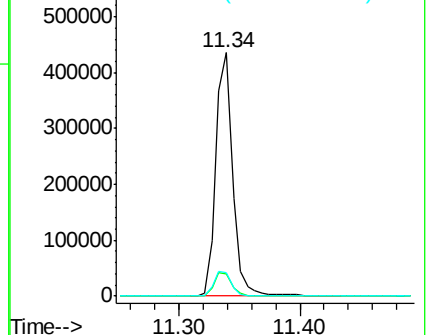
80 9.8 9.2 13.8

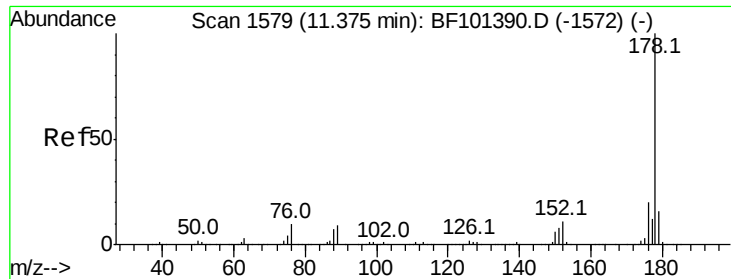


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

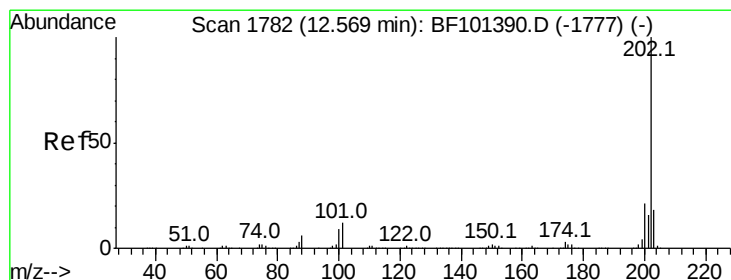
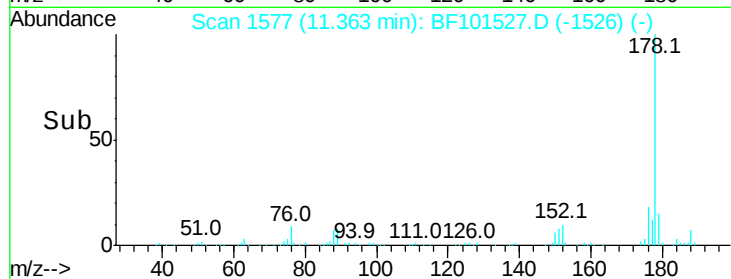
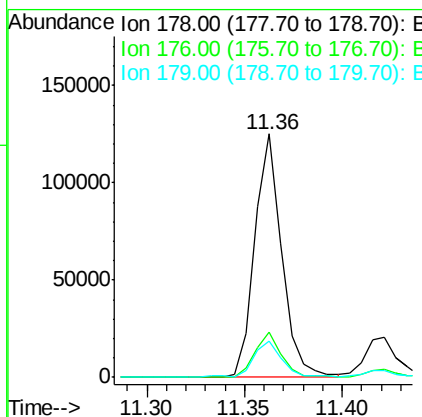
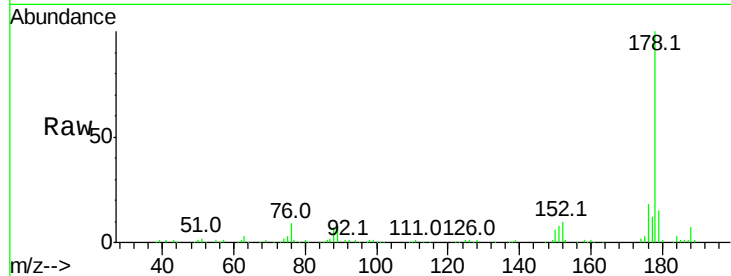




#70
Phenanthrene
Concen: 5.204 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

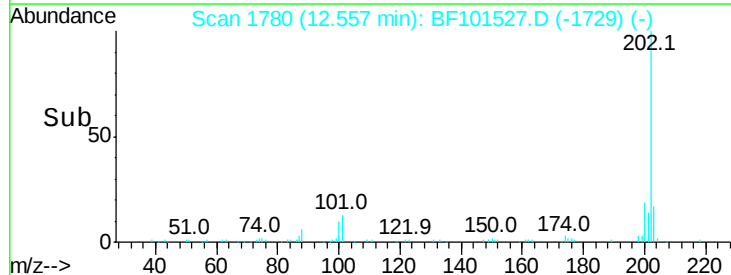
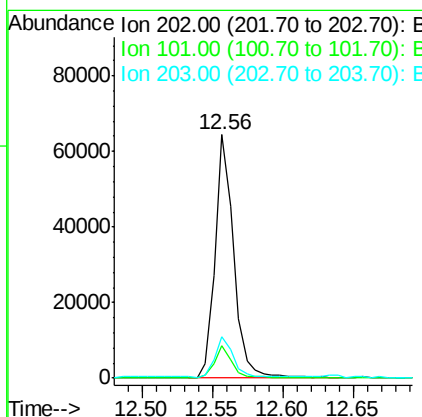
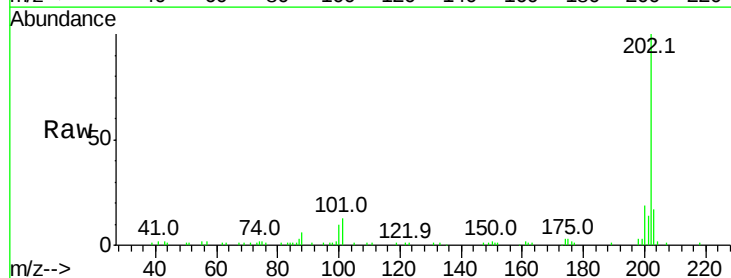
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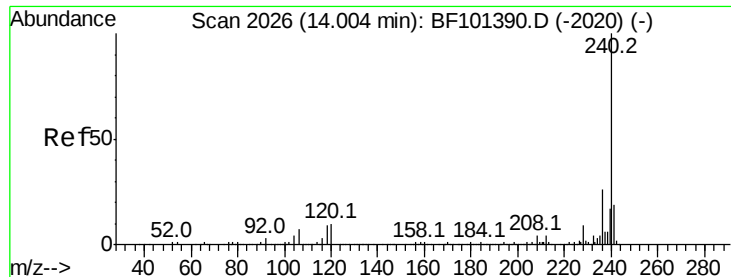
Tot Ion:178 Resp: 120430
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 14.7 13.0 19.6



#74
Fluoranthene
Concen: 2.433 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:202 Resp: 59093
Ion Ratio Lower Upper
202 100
101 13.5 0.0 34.1
203 16.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211

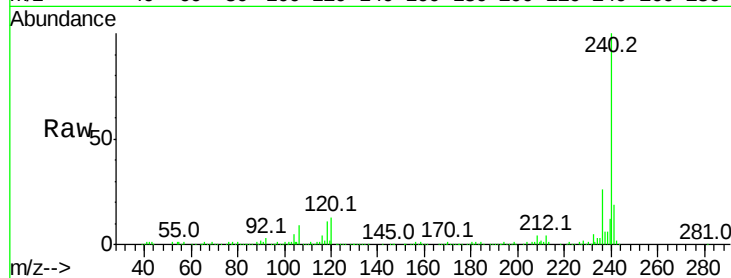
Tot Ion:240 Resp: 253105

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

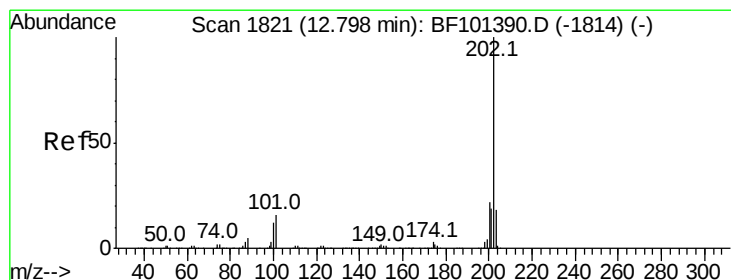
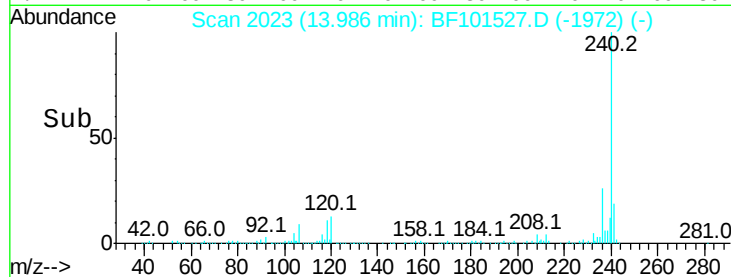
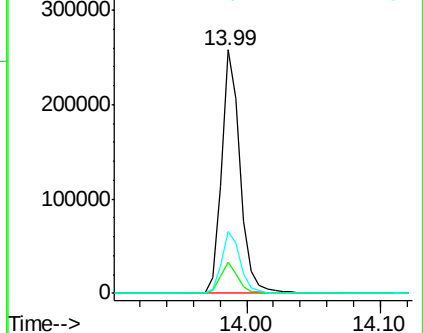
236 25.6 20.7 31.1



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



#77

Pyrene

Concen: 2.040 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

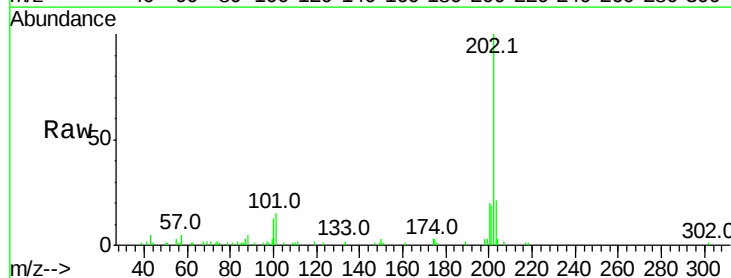
Tgt Ion:202 Resp: 38755

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

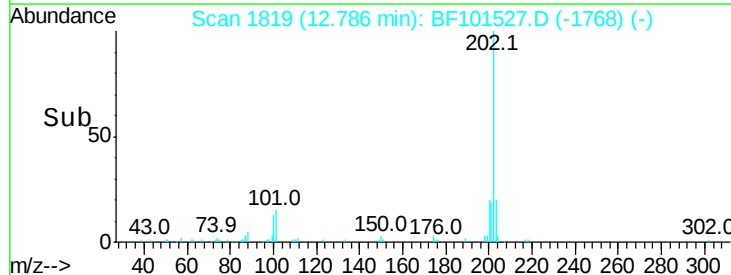
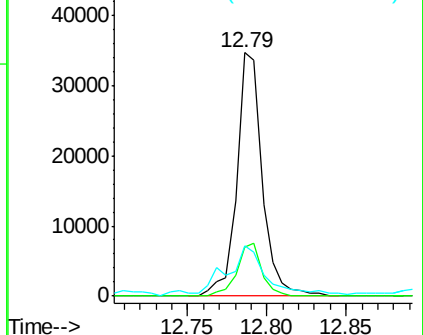
203 20.7 14.3 21.5

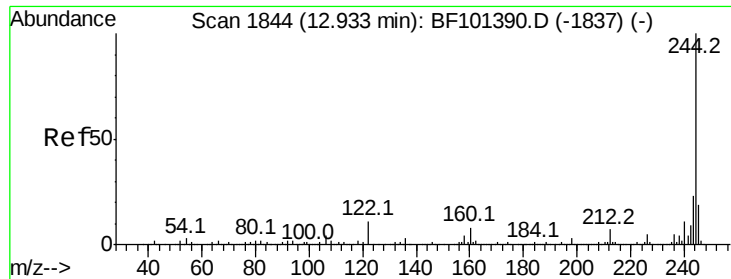


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.676 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211

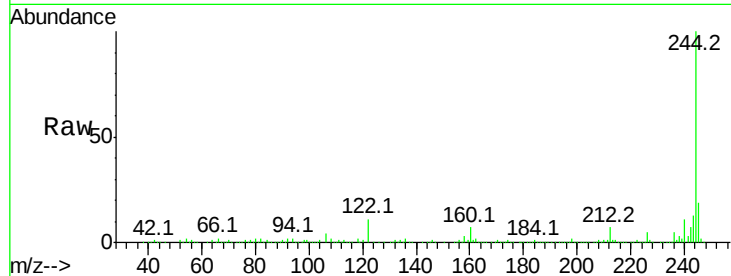
Tot Ion:244 Resp: 920505

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

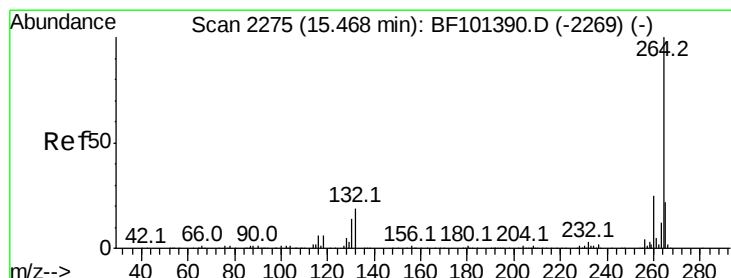
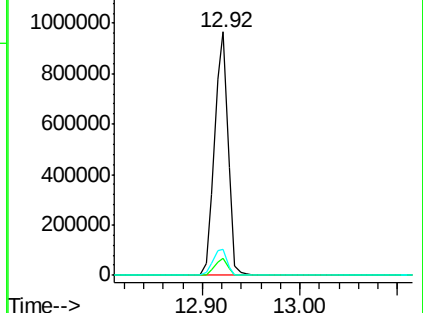
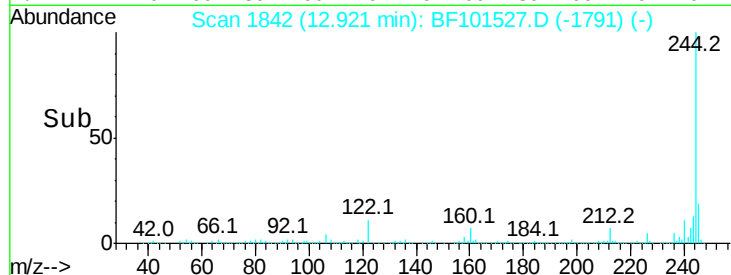
122 10.9 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF101527.D

Acq: 19 Dec 2017 17:27

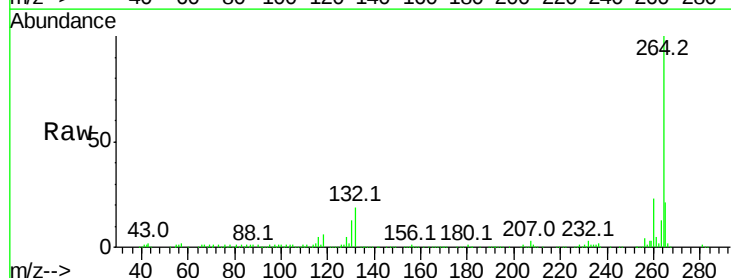
Tgt Ion:264 Resp: 301509

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 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

