

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102142.D
 Acq On : 17 Jan 2018 6:51
 Operator : SJ/JU
 Sample : J1113-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-2.5-3.0

Quant Time: Jan 17 08:05:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

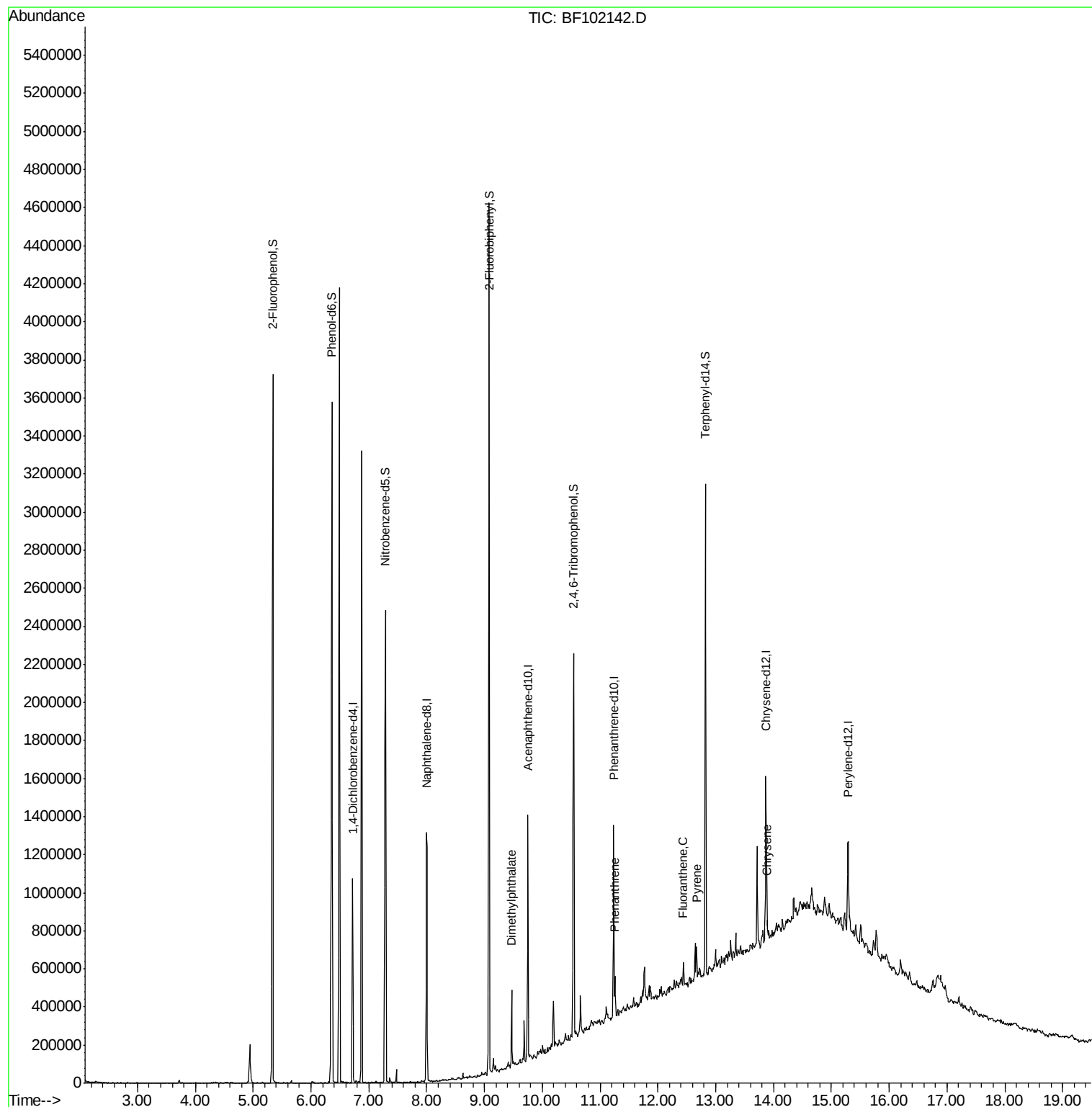
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158234	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	607463	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	246063	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	338343	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	275598	20.00	ng	-0.01
86) Perylene-d12	15.29	264	231696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1238407	110.52	ng	0.01
7) Phenol-d6	6.36	99	1453862	108.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	941657	91.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	258133	120.21	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1430508	90.82	ng	-0.01
78) Terphenyl-d14	12.82	244	891065	67.13	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	149639	7.581	ng	99
70) Phenanthrene	11.26	178	68795	3.481	ng	98
74) Fluoranthene	12.44	202	51786	2.663	ng	91
77) Pyrene	12.67	202	69043	2.834	ng	97
82) Chrysene	13.89	228	37601	2.051	ng	# 90

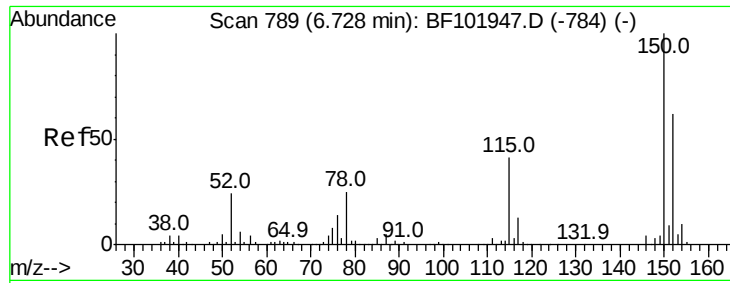
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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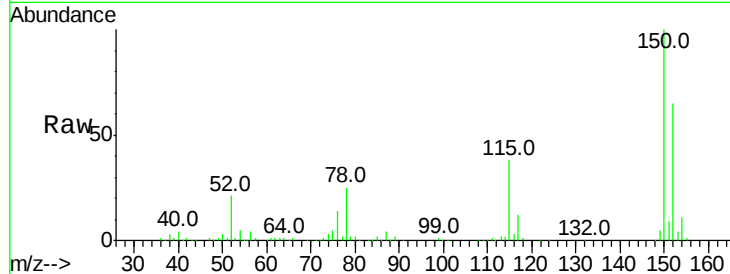


#1

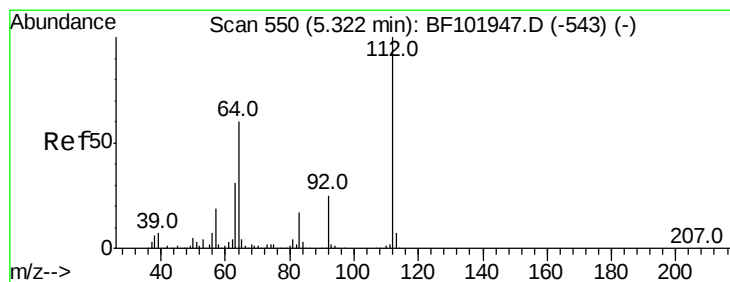
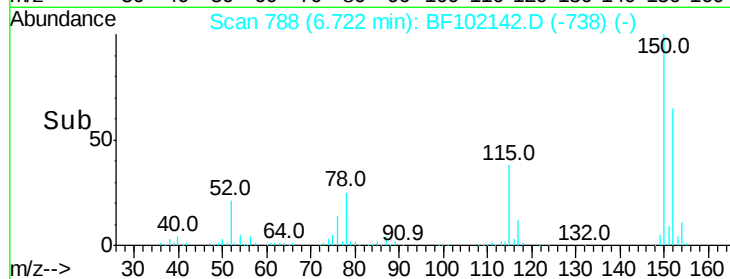
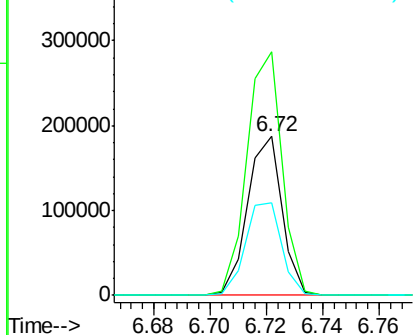
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102142.D
Acq: 17 Jan 2018 6:51

Instrument :
BNA_F
ClientSampleId :
SB-14-2.5-3.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	58.5	50.1	75.1



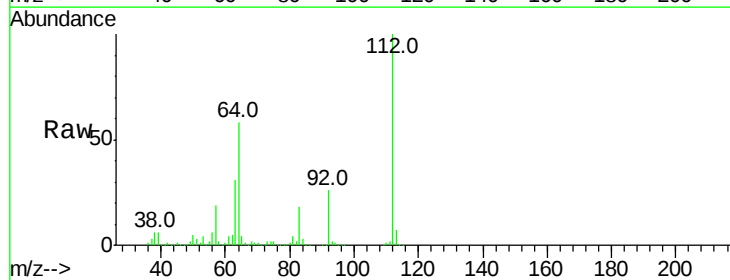
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



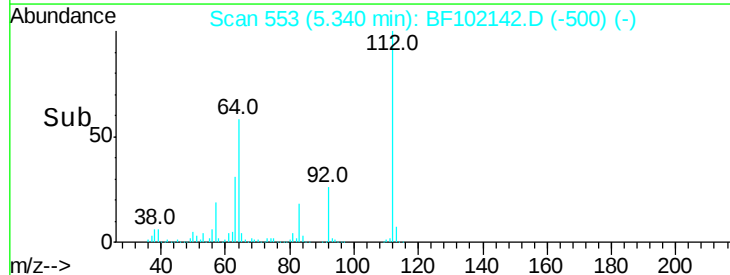
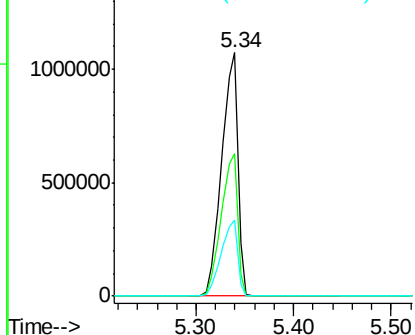
#5

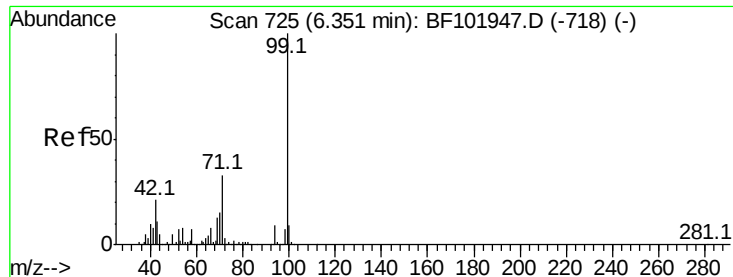
2-Fluorophenol
Concen: 110.516 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102142.D
Acq: 17 Jan 2018 6:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	31.4	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: 108.744 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102142.D

Acq: 17 Jan 2018 6:51

Instrument :

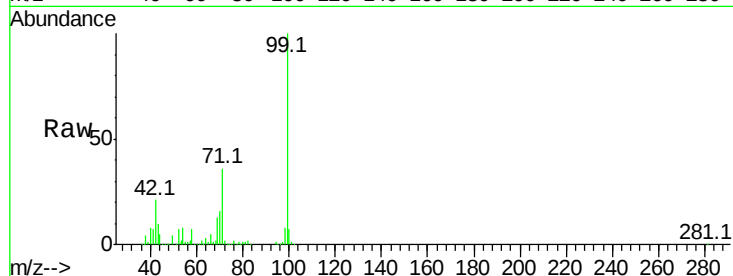
BNA_F

ClientSampleId :

SB-14-2.5-3.0

Tot Ion: 99 Resp: 1453862

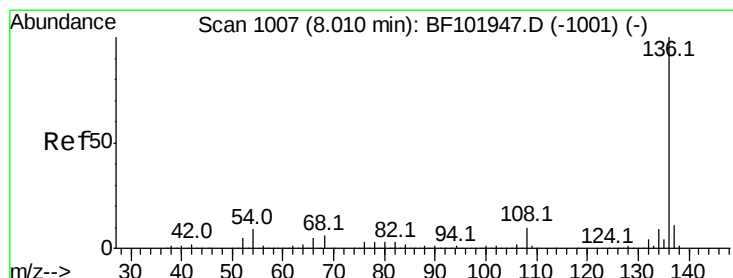
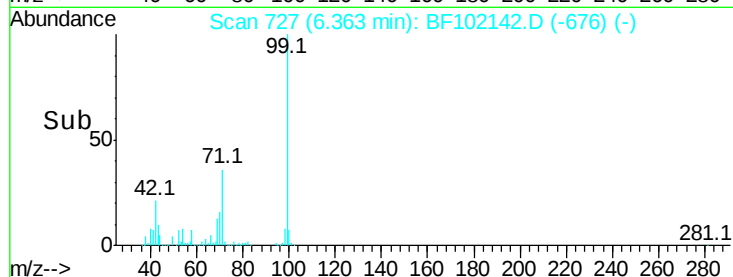
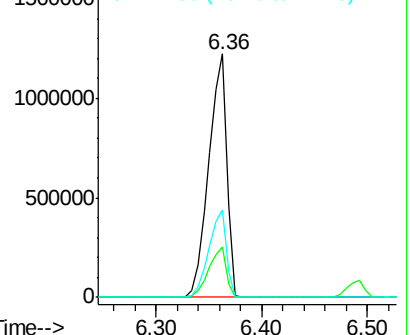
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	35.9	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

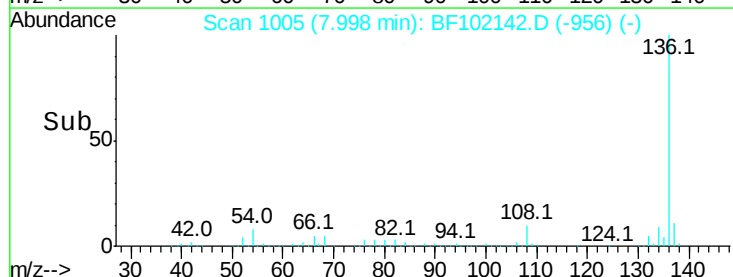
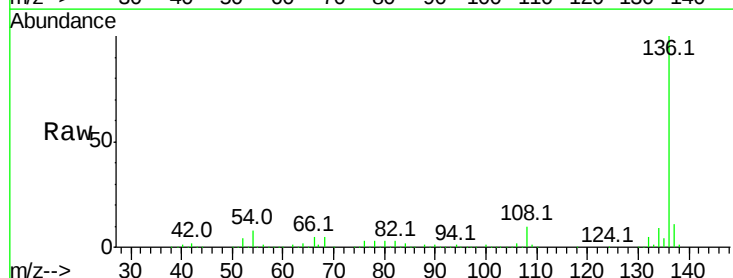
Delta R.T. -0.01 min

Lab File: BF102142.D

Acq: 17 Jan 2018 6:51

Tgt Ion: 136 Resp: 607463

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	5.2	5.0	7.4

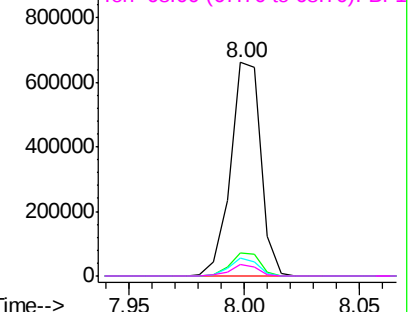


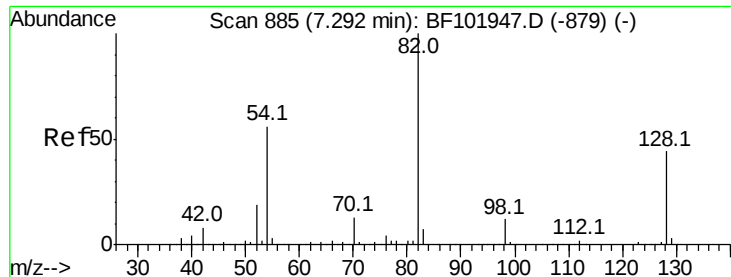
Abundance Ion 136.00 (135.70 to 136.70): E

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

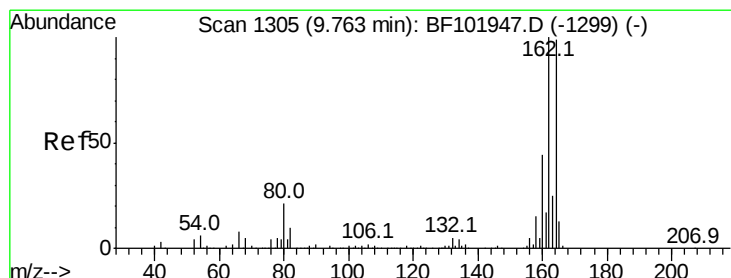
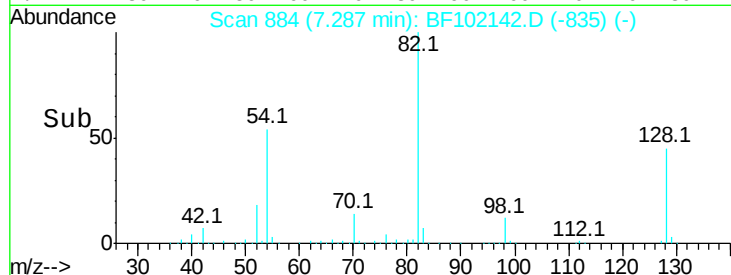
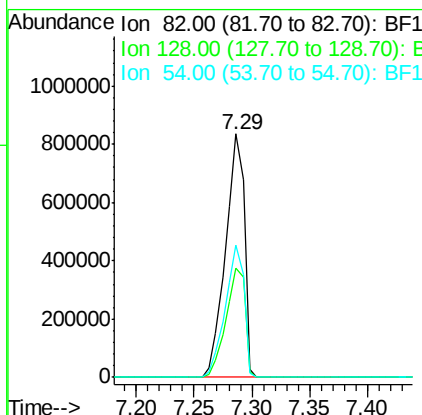
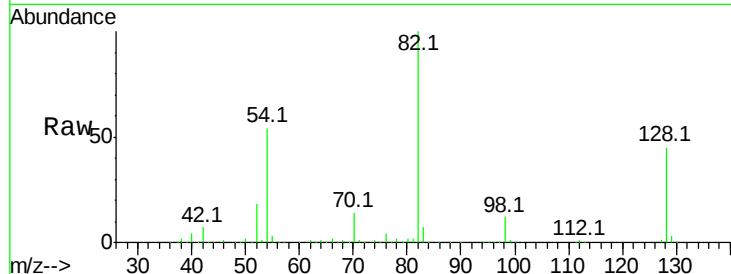




#23
 Nitrobenzene-d5
 Concen: 91.093 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102142.D
 Acq: 17 Jan 2018 6:51

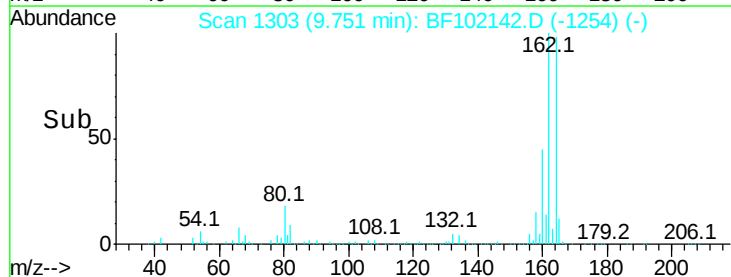
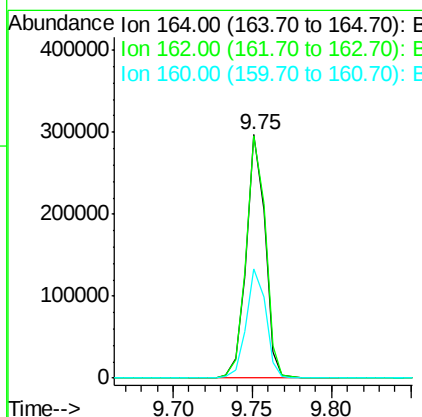
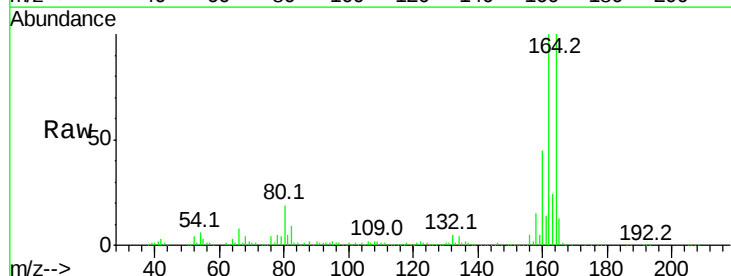
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-2.5-3.0

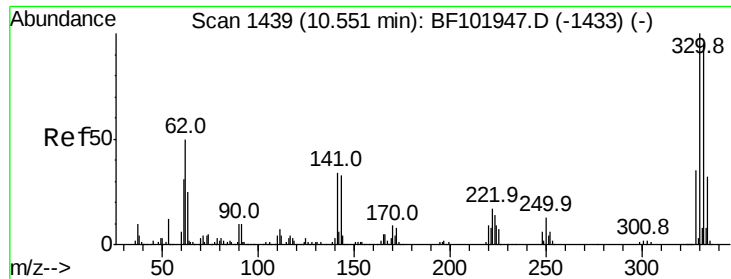
Tot Ion	82	Resp	941657
Ion Ratio	100	Lower	Upper
128	45.1	36.1	54.1
54	54.3	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102142.D
 Acq: 17 Jan 2018 6:51

Tgt Ion	164	Resp	246063
Ion Ratio	100	Lower	Upper
162	99.7	86.1	129.1
160	44.7	38.3	57.5

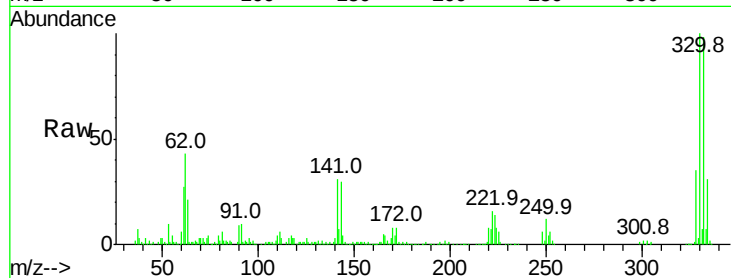




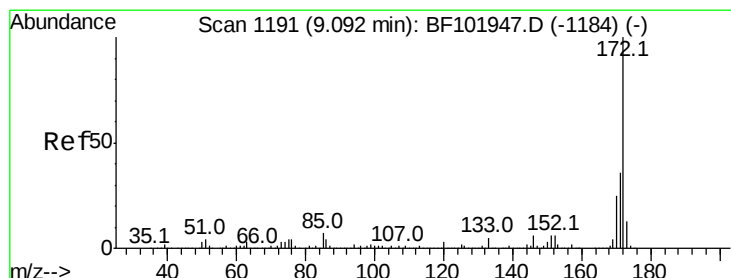
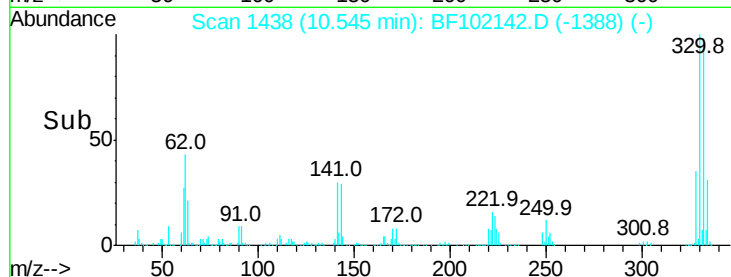
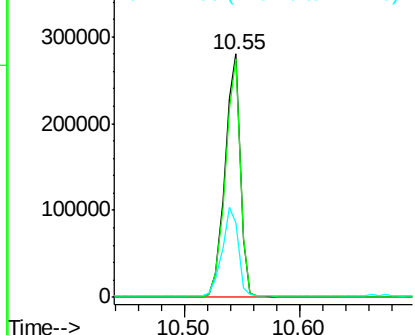
#41
 2,4,6-Tribromophenol
 Concen: 120.209 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102142.D
 Acq: 17 Jan 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-2.5-3.0

Tot Ion:330 Resp: 258133
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.3 29.9 44.9

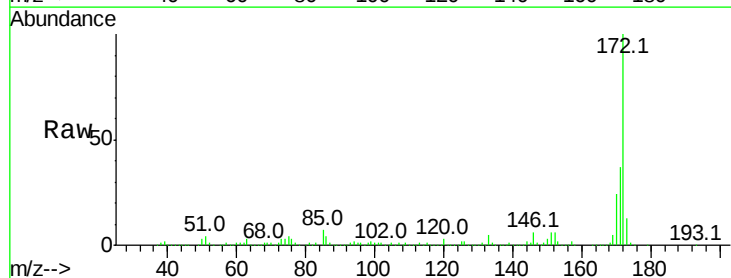


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

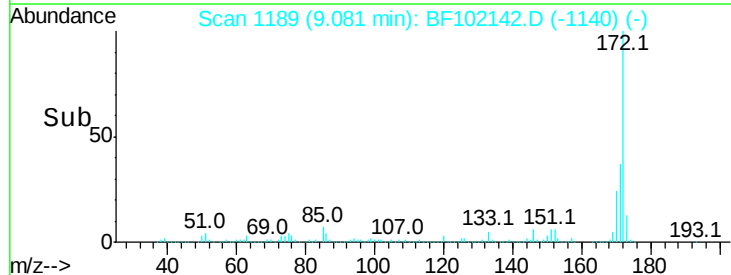
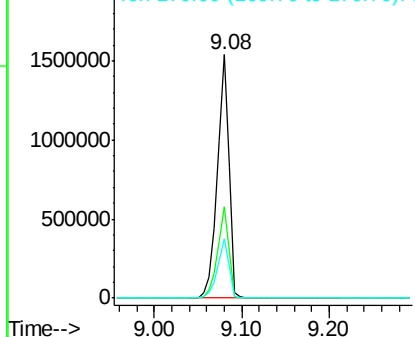


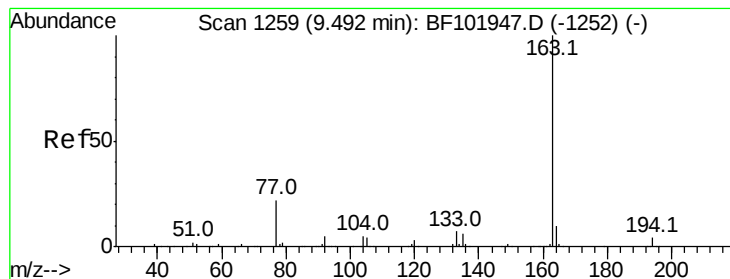
#44
 2-Fluorobiphenyl
 Concen: 90.824 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102142.D
 Acq: 17 Jan 2018 6:51

Tgt Ion:172 Resp: 1430508
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.2 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: 7.581 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102142.D

Acq: 17 Jan 2018 6:51

Instrument :

BNA_F

ClientSampleId :

SB-14-2.5-3.0

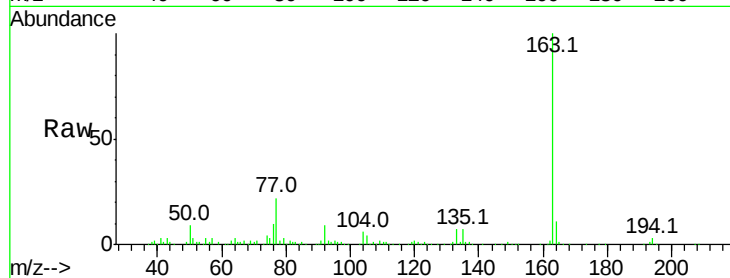
Tot Ion:163 Resp: 149639

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

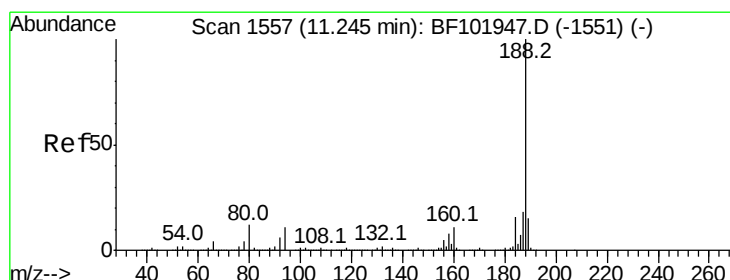
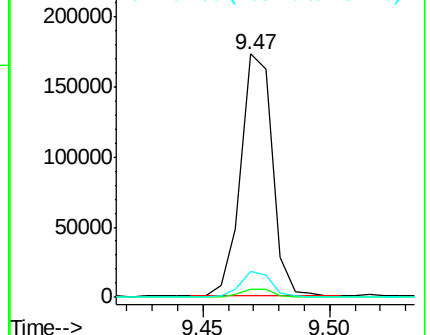
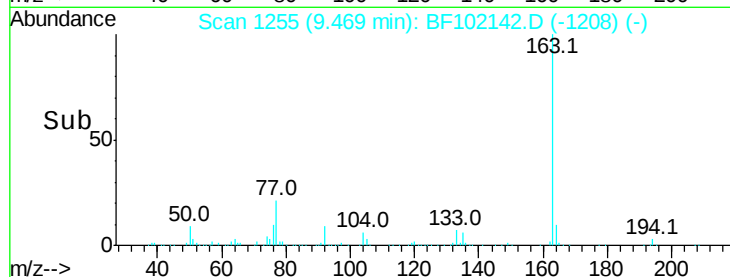
164 10.6 8.2 12.2



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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102142.D

Acq: 17 Jan 2018 6:51

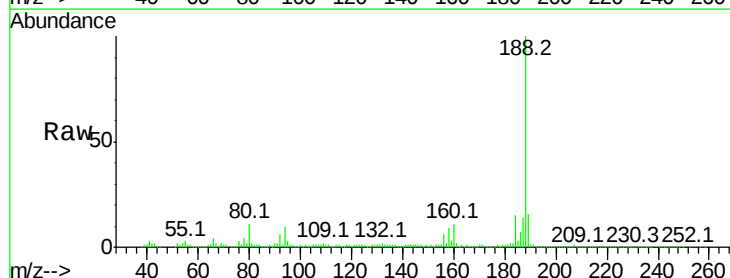
Tgt Ion:188 Resp: 338343

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

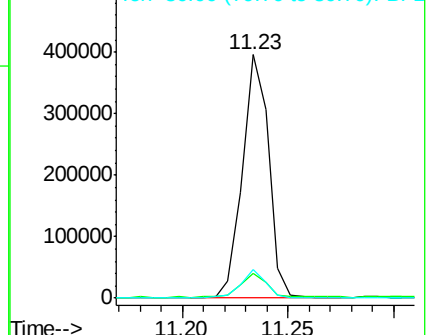
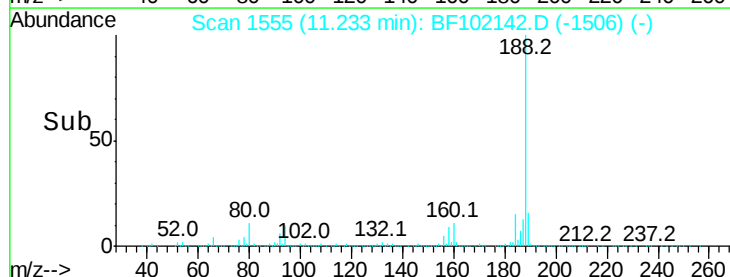
80 11.5 9.2 13.8

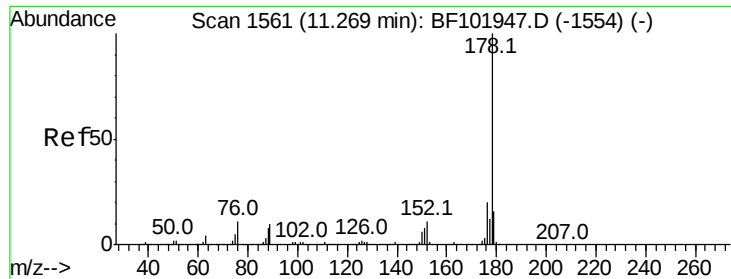


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 3.481 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF102142.D

Acq: 17 Jan 2018 6:51

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SB-14-2.5-3.0

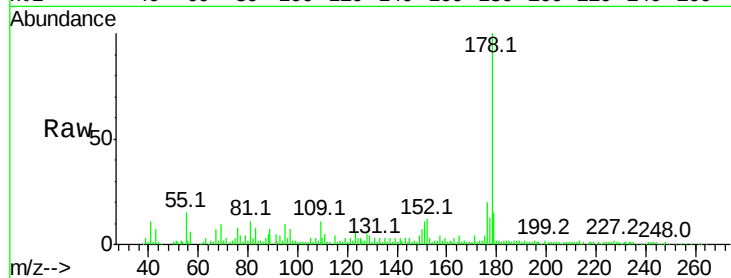
Tot Ion:178 Resp: 68795

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

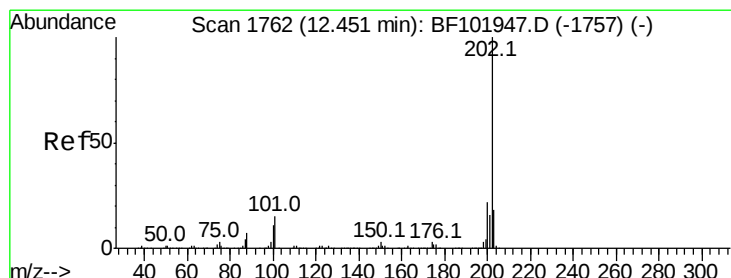
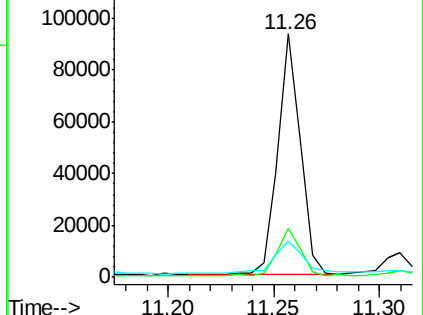
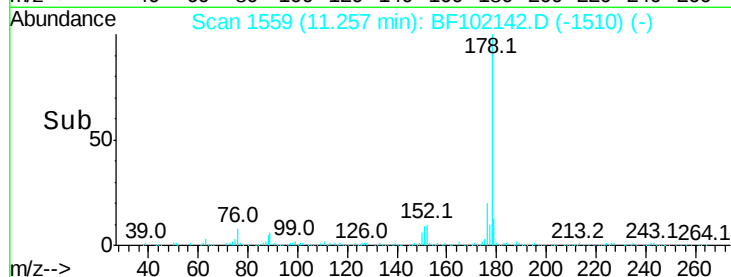
179 14.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.663 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102142.D

Acq: 17 Jan 2018 6:51

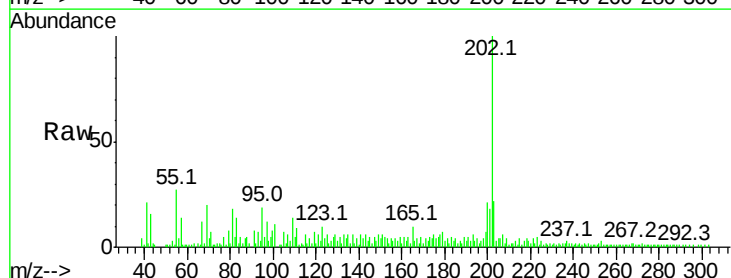
Tgt Ion:202 Resp: 51786

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

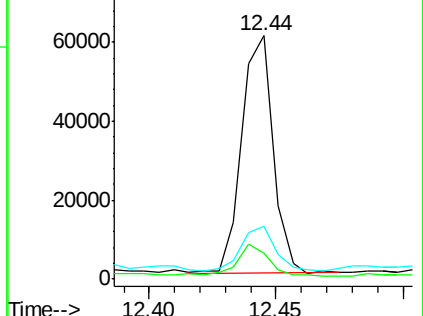
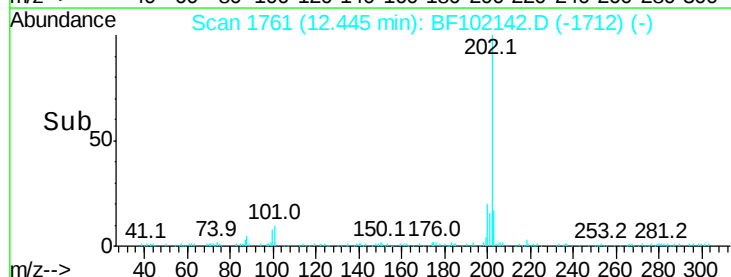
203 21.9 0.0 38.1

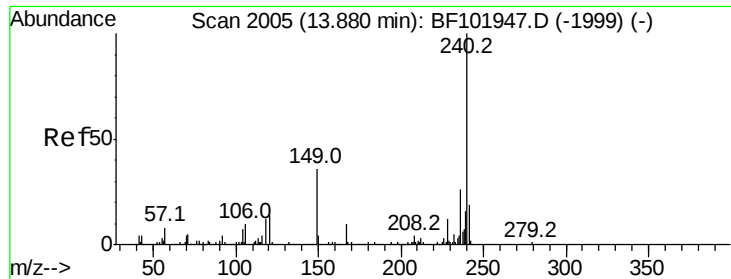


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102142.D

Acq: 17 Jan 2018 6:51

Instrument :

BNA_F

ClientSampleId :

SB-14-2.5-3.0

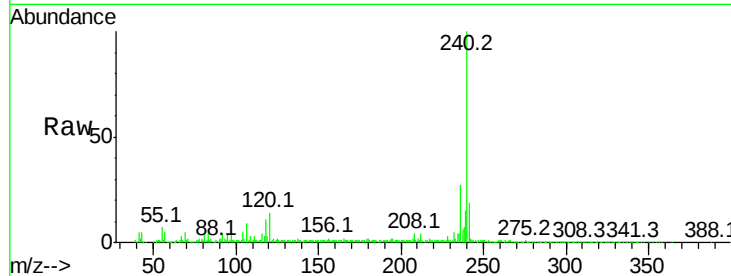
Tot Ion:240 Resp: 275598

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

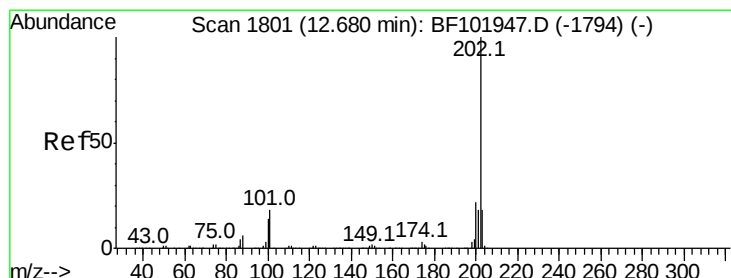
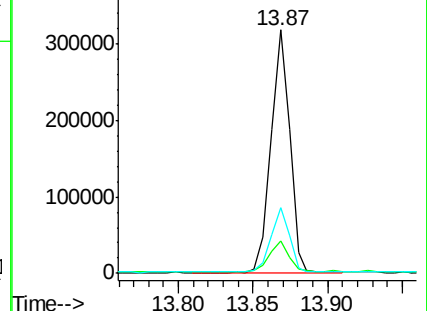
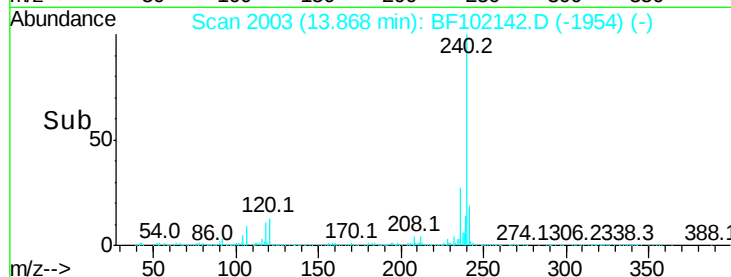
236 27.1 20.7 31.1



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: 2.834 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF102142.D

Acq: 17 Jan 2018 6:51

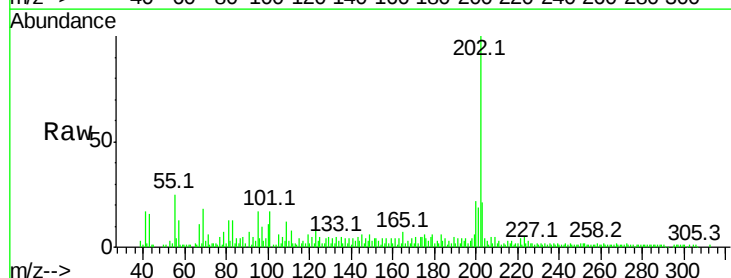
Tgt Ion:202 Resp: 69043

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

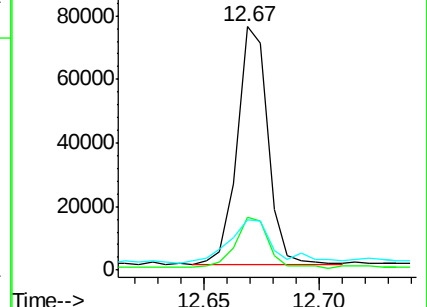
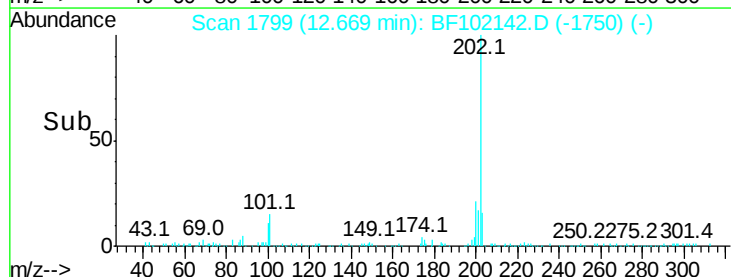
203 20.6 14.3 21.5

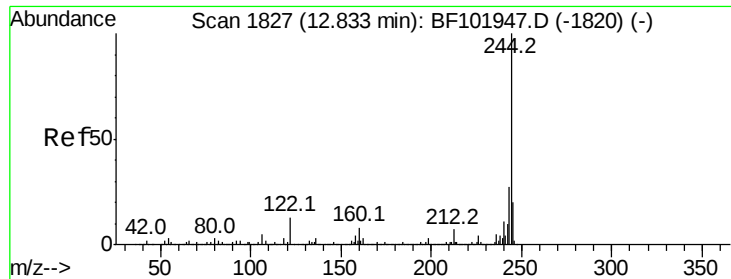


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

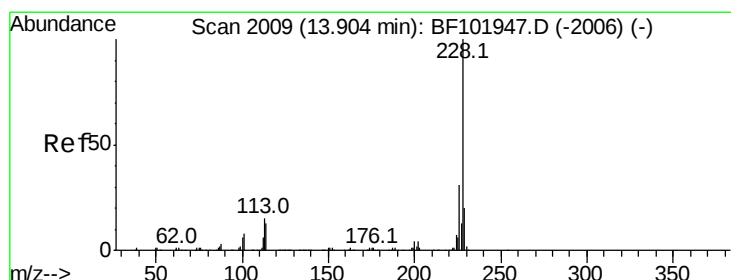
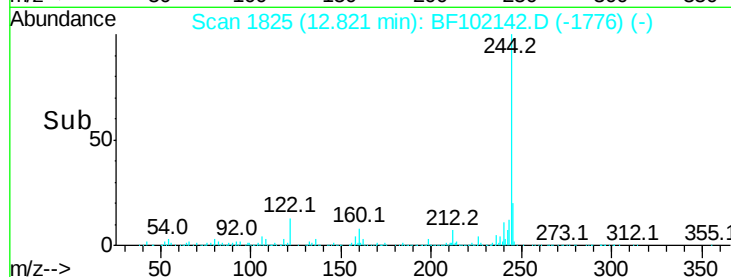
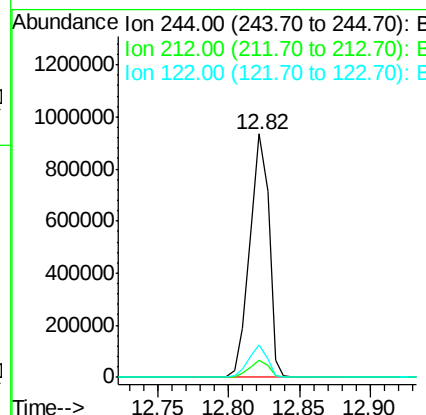
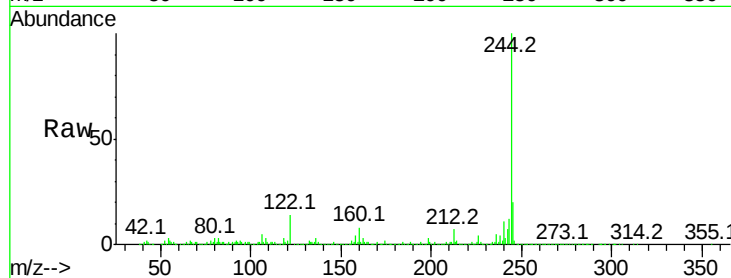




#78
 Terphenyl-d14
 Concen: 67.130 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102142.D
 Acq: 17 Jan 2018 6:51

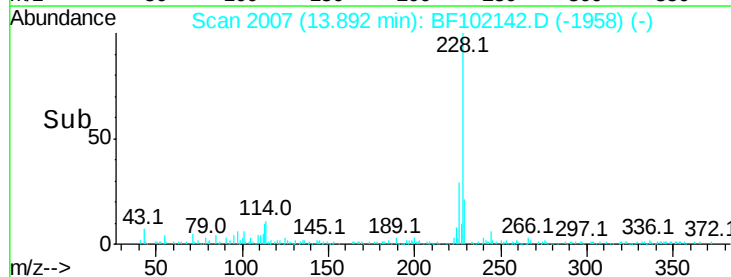
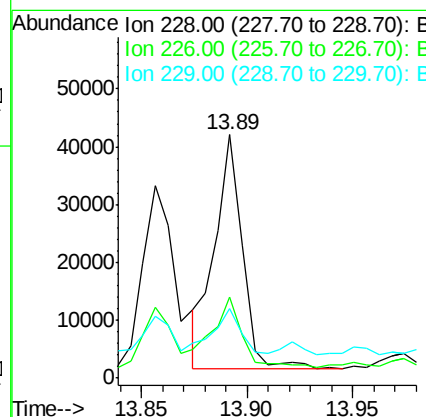
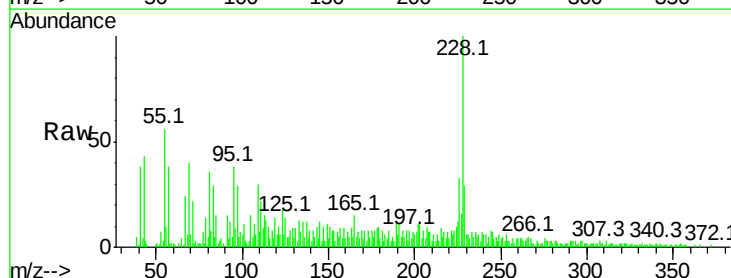
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-2.5-3.0

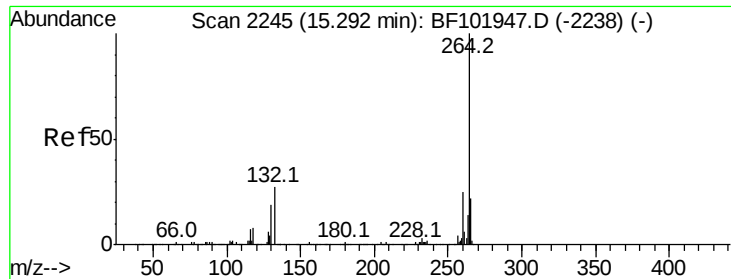
Tot Ion:244 Resp: 891065
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.5 11.0 16.4



#82
 Chrysene
 Concen: 2.051 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF102142.D
 Acq: 17 Jan 2018 6:51

Tgt Ion:228 Resp: 37601
 Ion Ratio Lower Upper
 228 100
 226 33.5 25.0 37.6
 229 28.7 16.2 24.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102142.D
Acq: 17 Jan 2018 6:51

Instrument :
BNA_F
ClientSampleId :
SB-14-2.5-3.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.5	26.3

