

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102156.D
 Acq On : 17 Jan 2018 18:06
 Operator : SJ/JU
 Sample : J1152-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTP-3

Quant Time: Jan 18 02:07:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

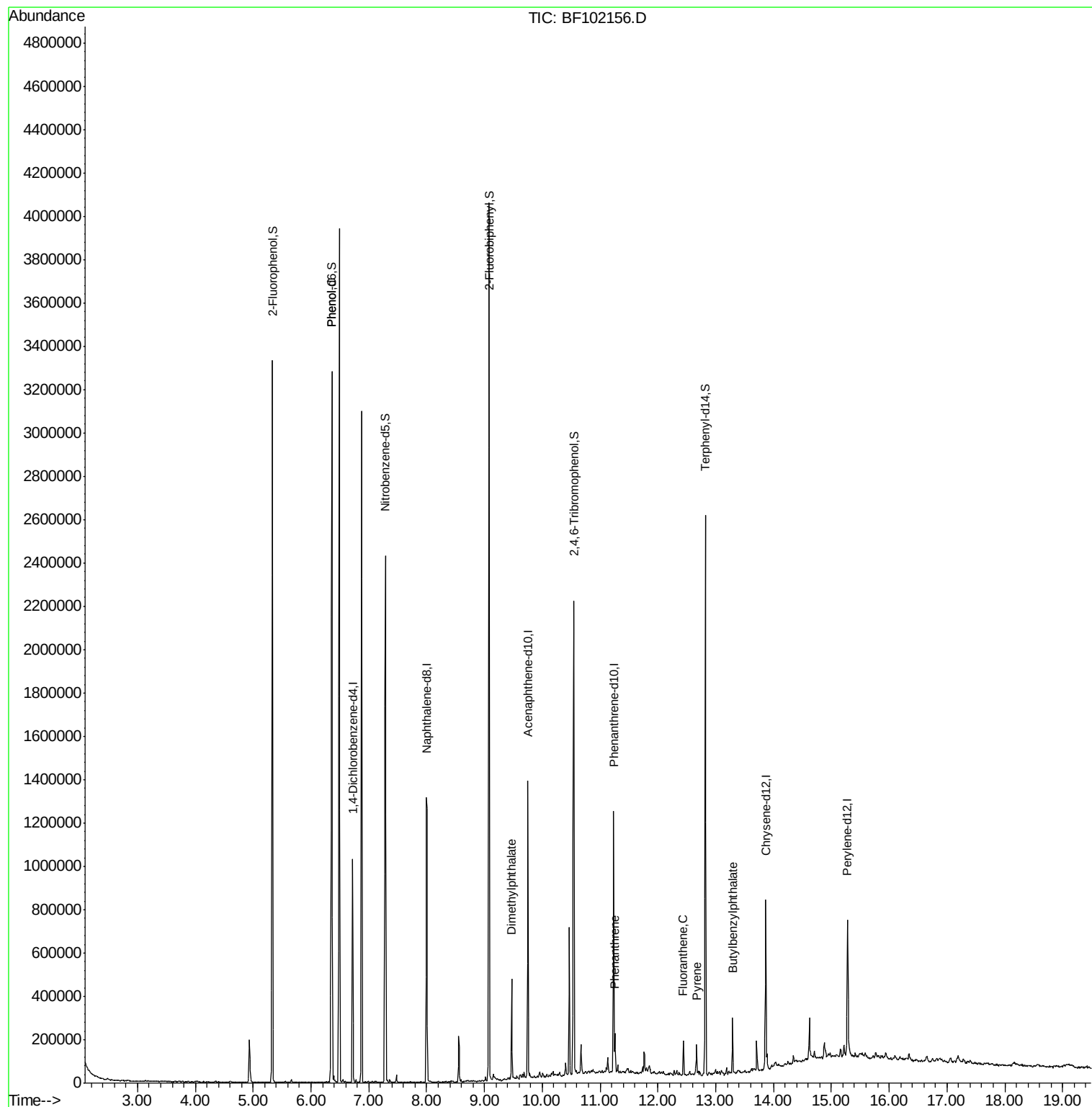
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151572	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	619938	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	269477	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	407040	20.00	ng	0.00
75) Chrysene-d12	13.87	240	261654	20.00	ng	0.00
86) Perylene-d12	15.28	264	276399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1085774	101.15	ng	0.01
7) Phenol-d6	6.36	99	1285111	100.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	820467	77.77	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	268408	114.13	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1242634	72.04	ng	0.00
78) Terphenyl-d14	12.82	244	841674	66.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	61075	4.220	ng	91
49) Dimethylphthalate	9.47	163	174364	8.066	ng	99
70) Phenanthrene	11.26	178	55245	2.324	ng	98
74) Fluoranthene	12.44	202	61569	2.632	ng	99
77) Pyrene	12.67	202	51690	2.235	ng	98
79) Butylbenzylphthalate	13.29	149	56119	5.287	ng	98

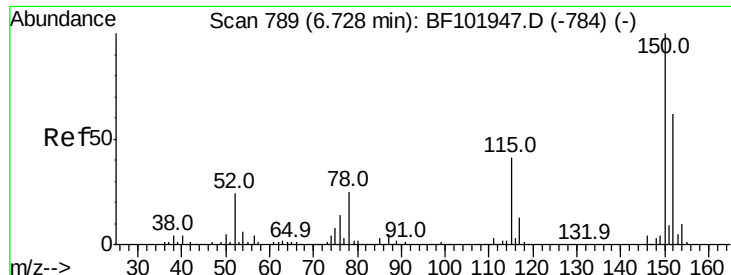
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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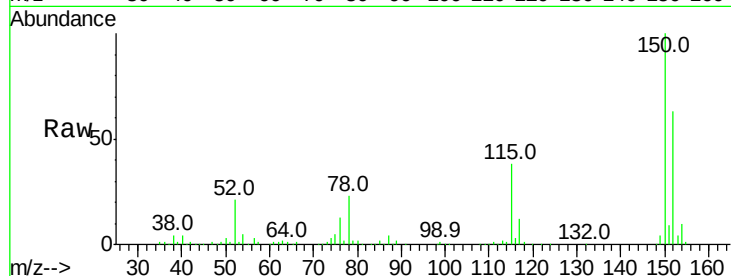


#1

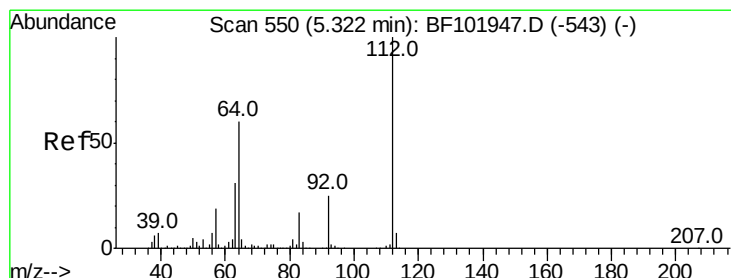
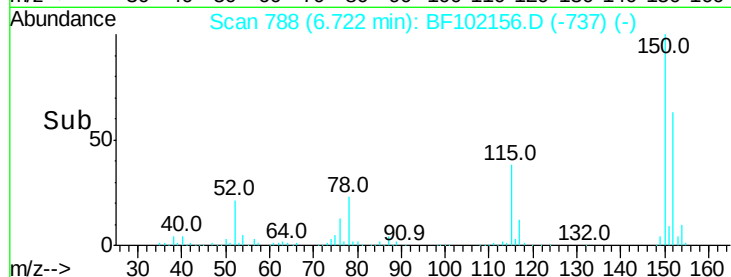
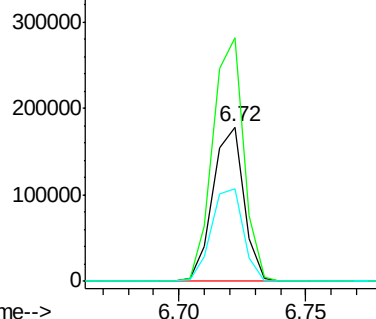
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Instrument :
BNA_F
ClientSampleId :
LTP-3

Tot Ion:152 Resp: 151572
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 60.3 50.1 75.1



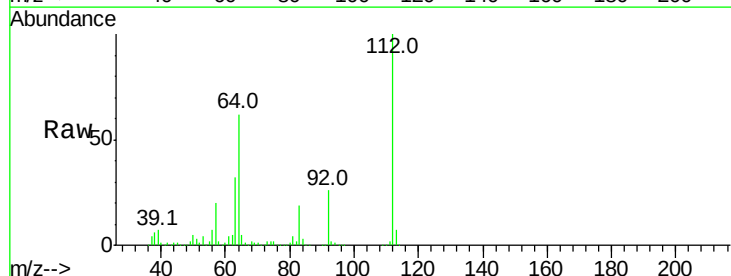
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



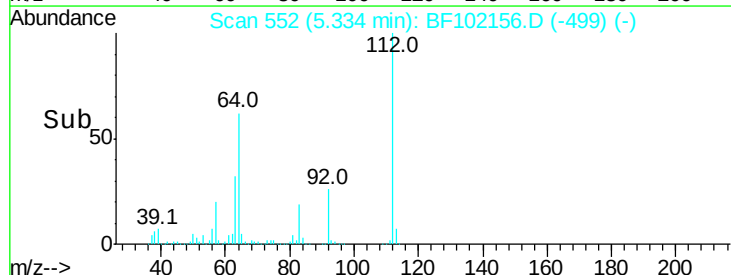
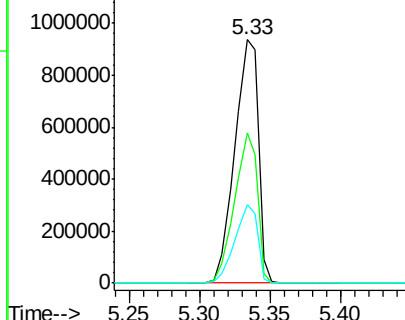
#5

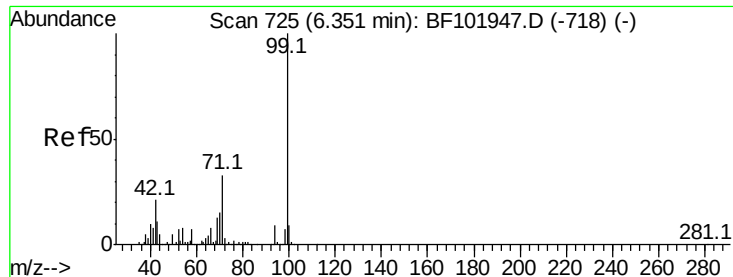
2-Fluorophenol
Concen: 101.153 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Tgt Ion:112 Resp: 1085774
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 32.5 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: 100.347 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102156.D

Acq: 17 Jan 2018 18:06

Instrument :

BNA_F

ClientSampled :

LTP-3

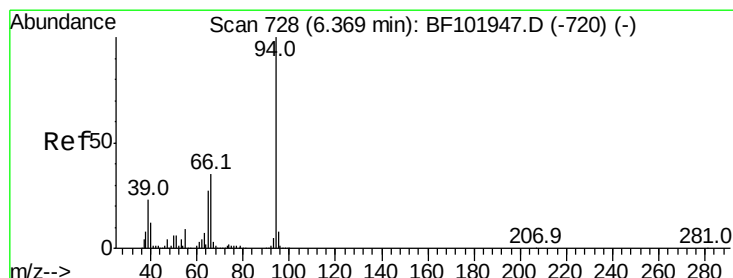
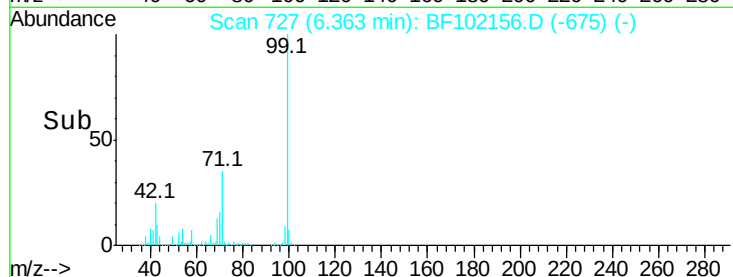
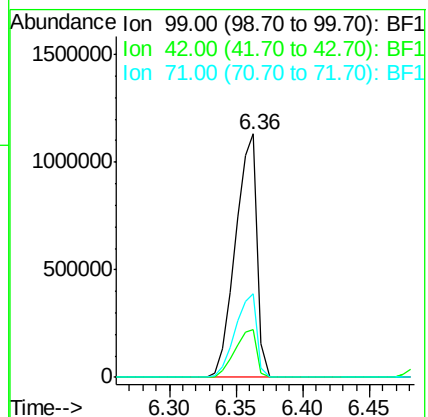
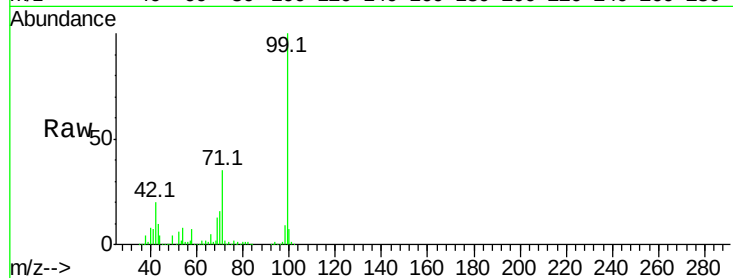
Tot Ion: 99 Resp: 1285111

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 34.5 25.4 38.0



#10

Phenol

Concen: 4.220 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102156.D

Acq: 17 Jan 2018 18:06

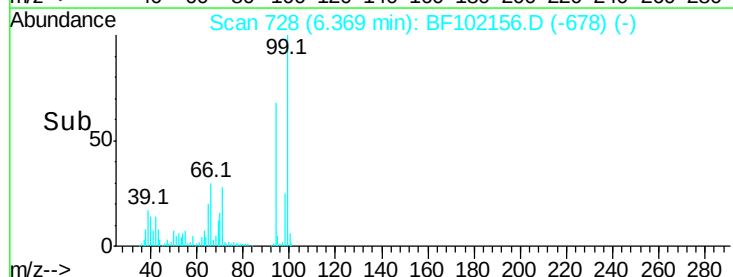
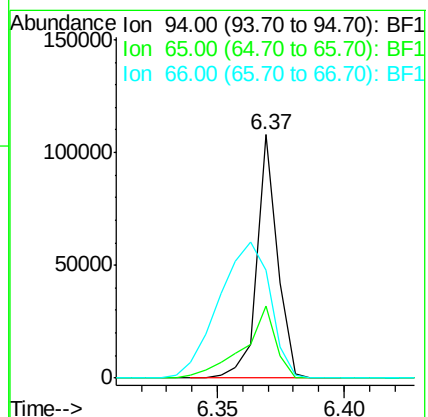
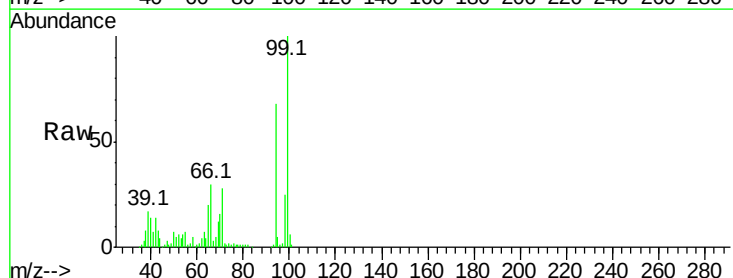
Tgt Ion: 94 Resp: 61075

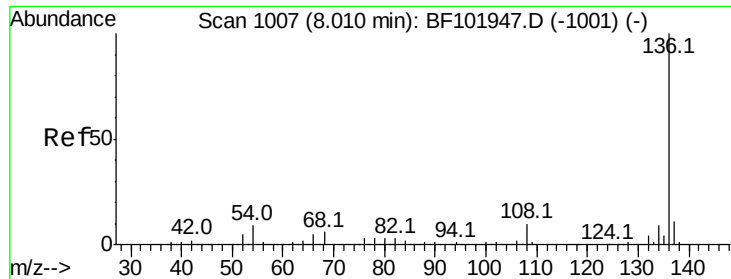
Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

66 44.4 16.2 56.2

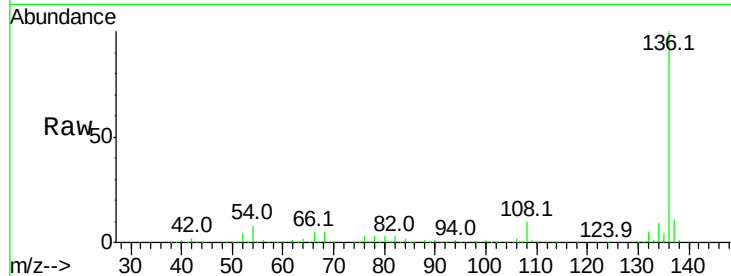




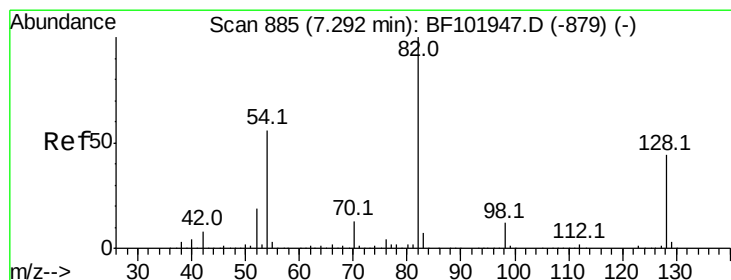
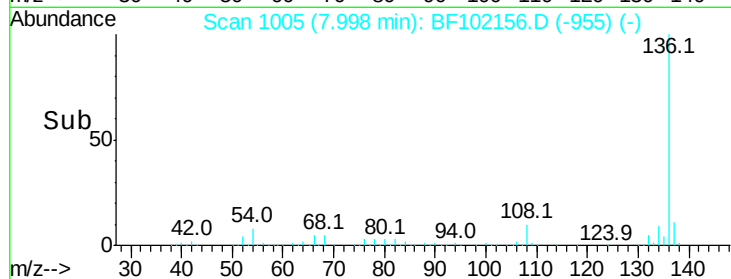
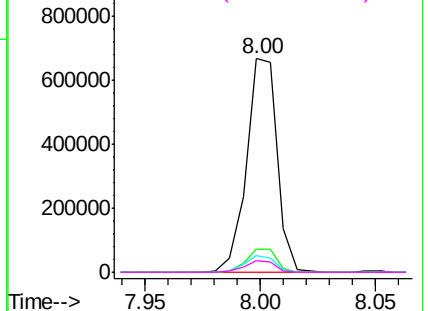
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Instrument :
BNA_F
ClientSampleId :
LTP-3

Tot Ion:136	Resp:	619938
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.9	6.6 9.8
68	5.5	5.0 7.4

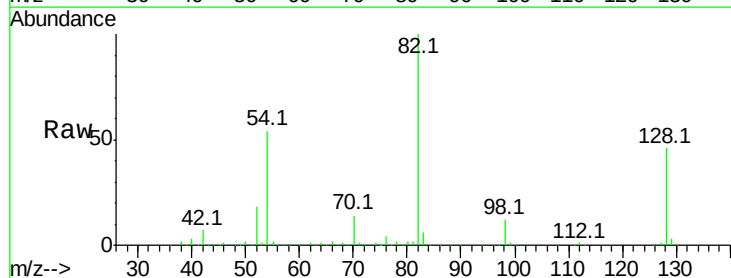


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

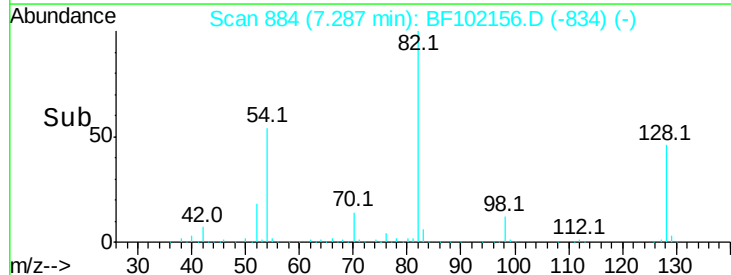
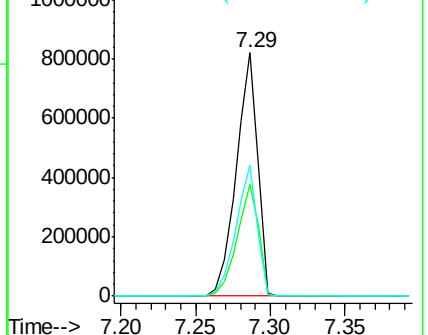


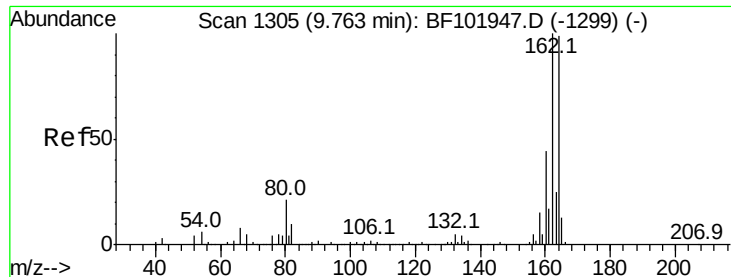
#23
Nitrobenzene-d5
Concen: 77.772 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Tgt Ion: 82	Resp:	820467
Ion Ratio	Lower	Upper
82	100	
128	45.7	36.1 54.1
54	53.7	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

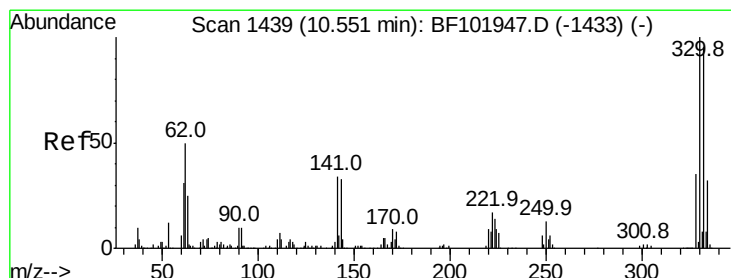
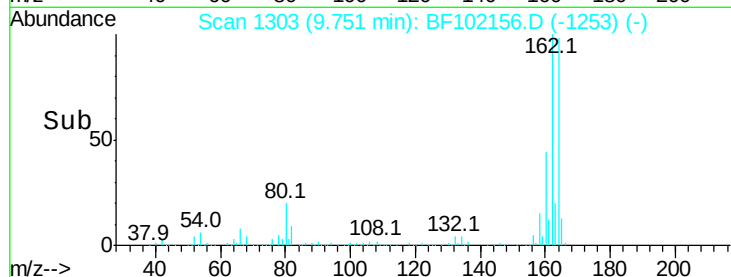
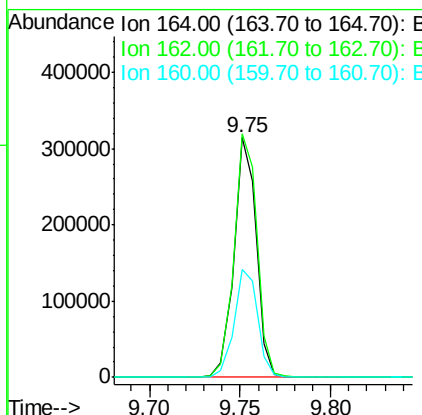
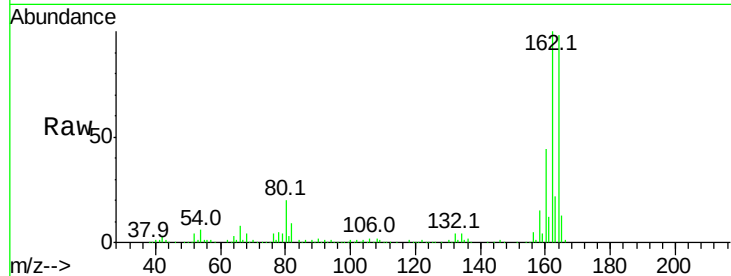




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

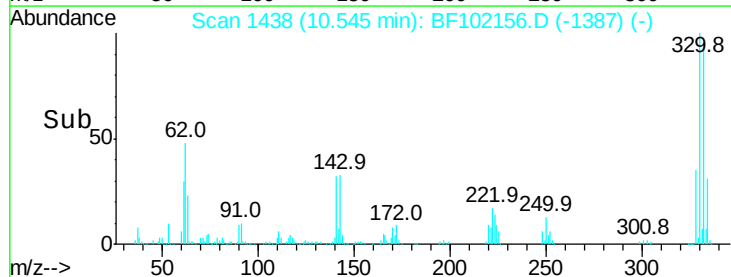
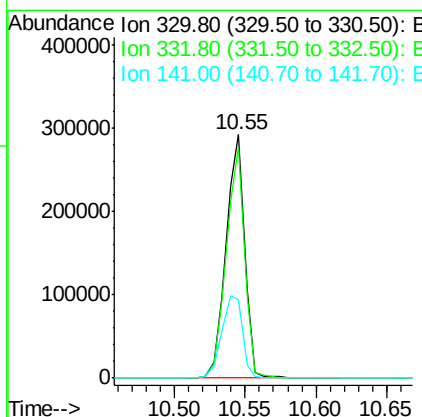
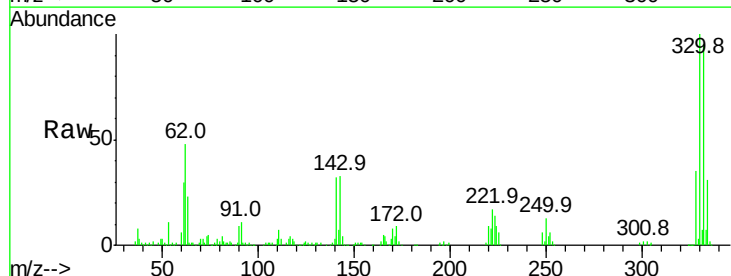
Instrument :
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 ClientSampleId :
 LTP-3

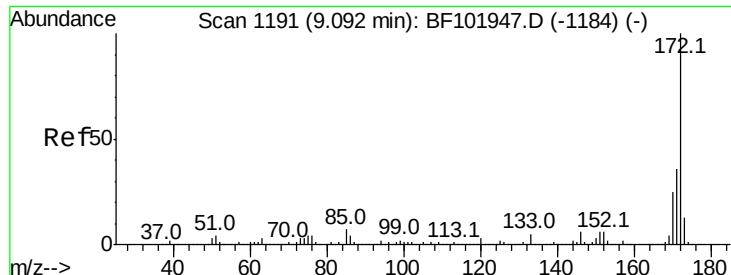
Tot Ion:164 Resp: 269477
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 45.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 114.134 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion:330 Resp: 268408
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 37.7 29.9 44.9



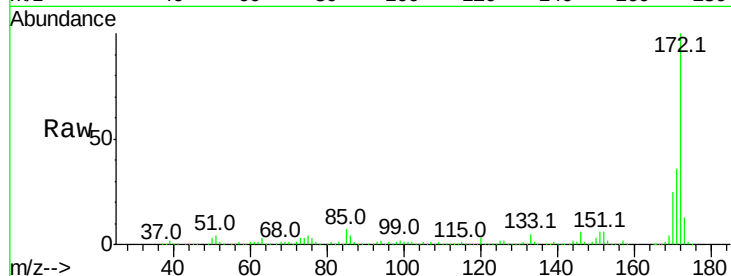


#44
2-Fluorobiphenyl
Concen: 72.041 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

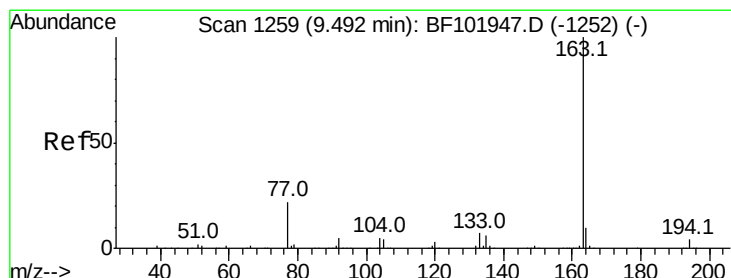
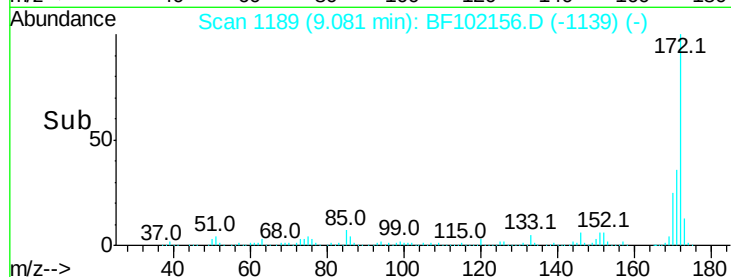
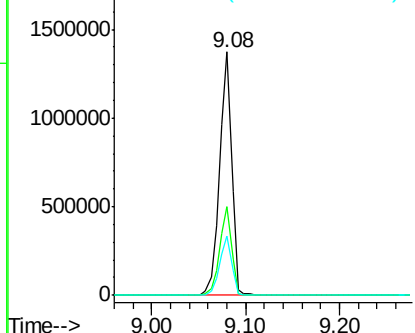
Instrument :
BNA_F
ClientSampleId :
LTP-3

Tot Ion:172 Resp: 1242634

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4



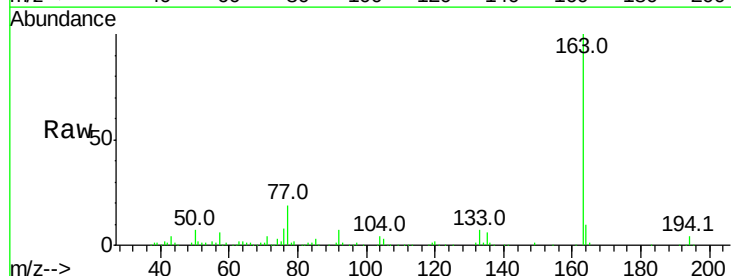
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



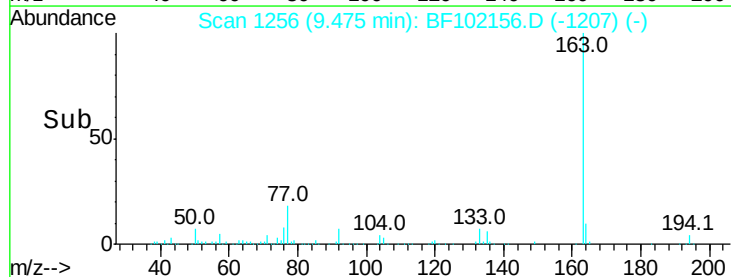
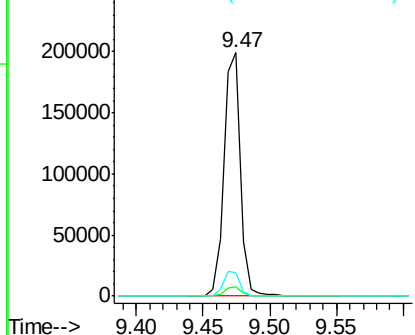
#49
Dimethylphthalate
Concen: 8.066 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

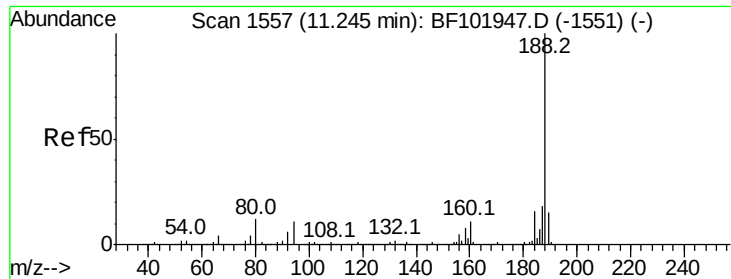
Tgt Ion:163 Resp: 174364

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	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

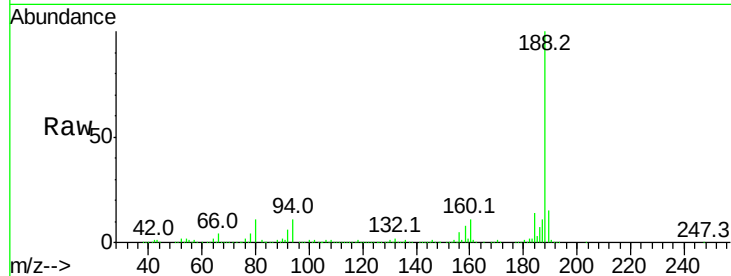




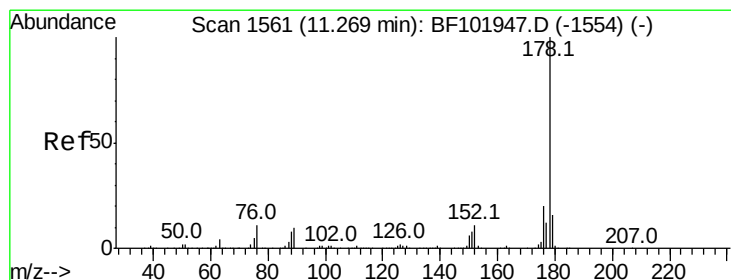
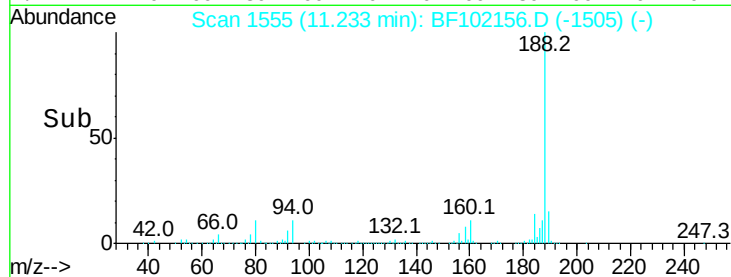
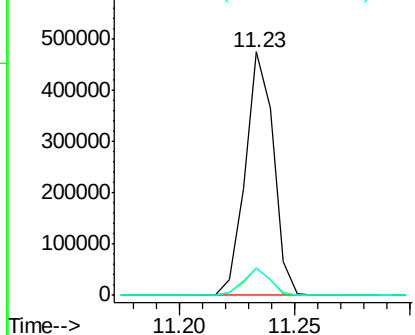
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Instrument :
BNA_F
ClientSampleId :
LTP-3

Tot Ion:188 Resp: 407040
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.5 9.2 13.8

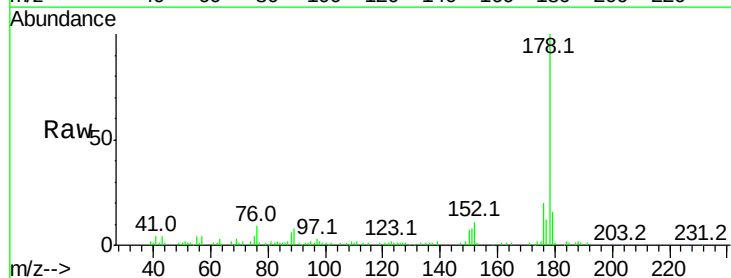


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

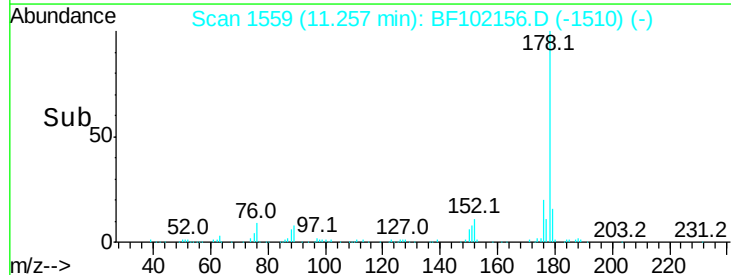
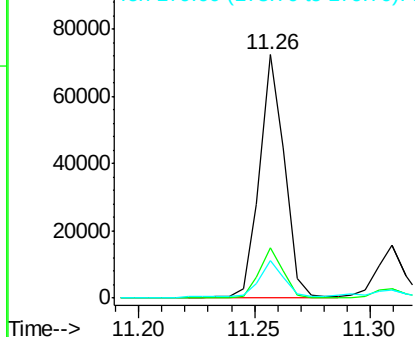


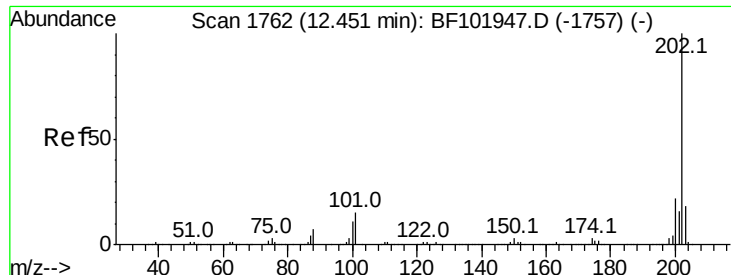
#70
Phenanthrene
Concen: 2.324 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Tgt Ion:178 Resp: 55245
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.8
179 15.6 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

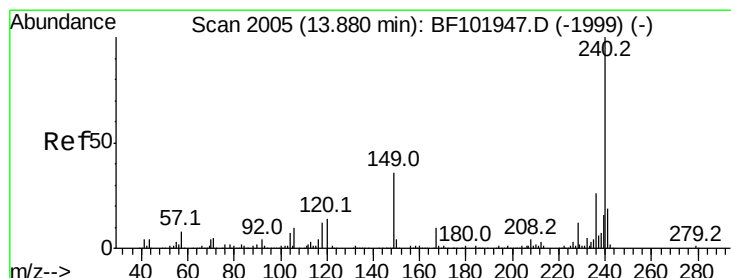
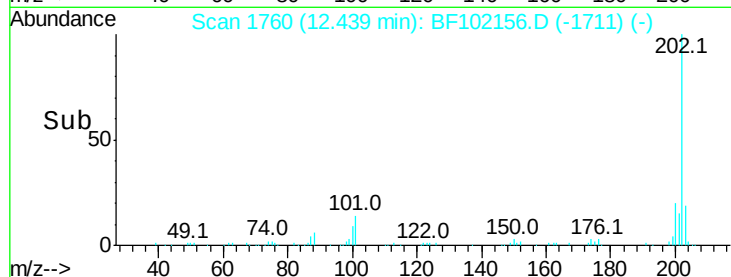
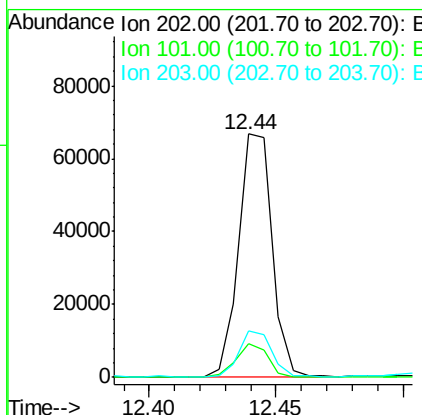
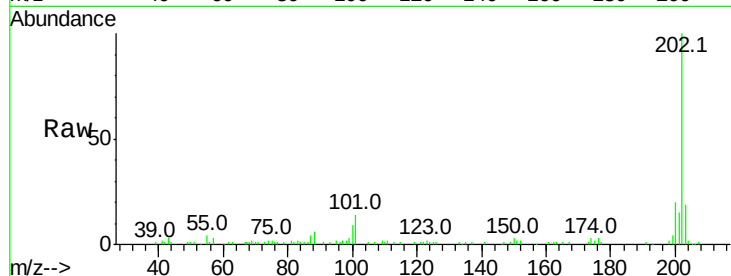




#74
 Fluoranthene
 Concen: 2.632 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

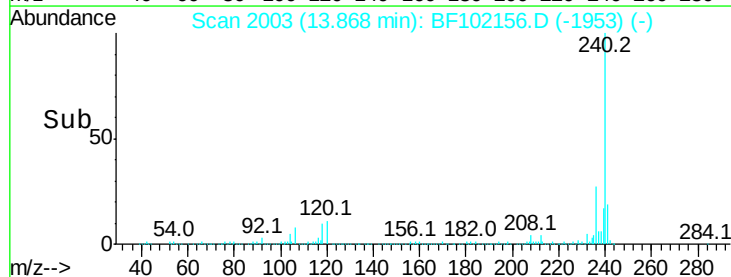
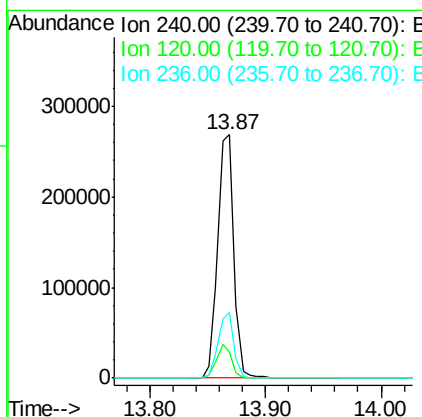
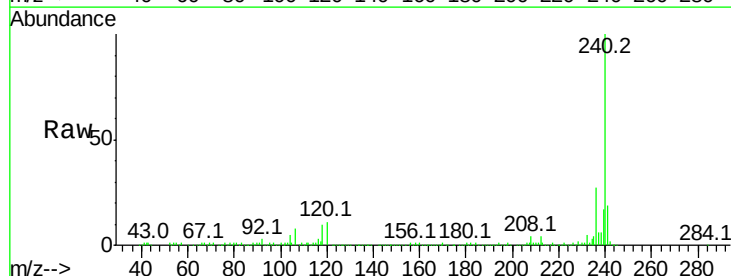
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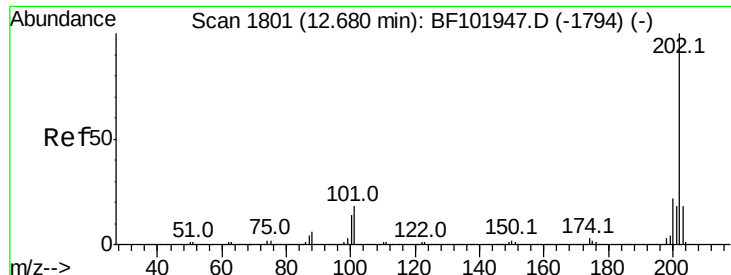
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	19.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102156.D
 Acq: 17 Jan 2018 18:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	27.2	20.7	31.1

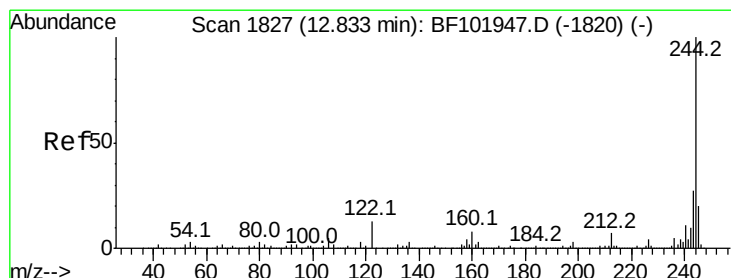
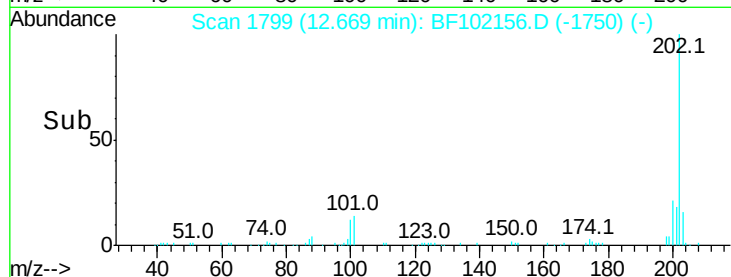
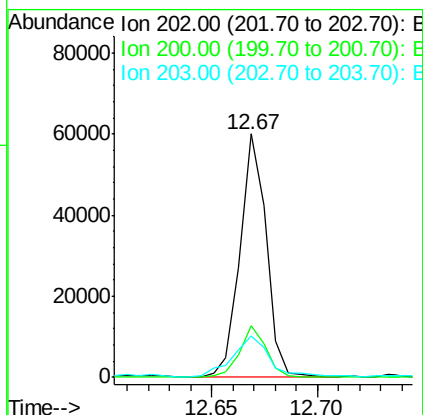
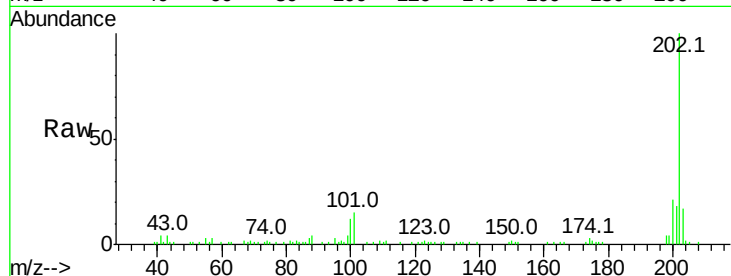




#77
Pvrene
Concen: 2.235 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

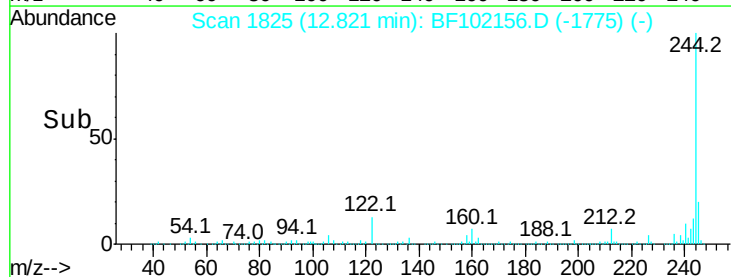
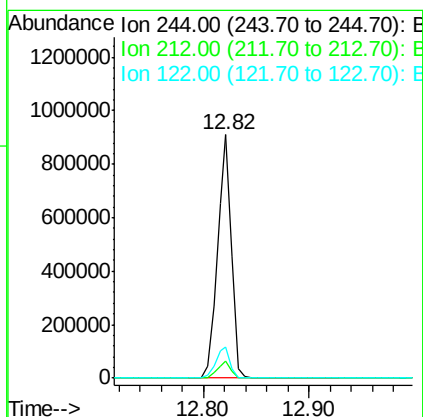
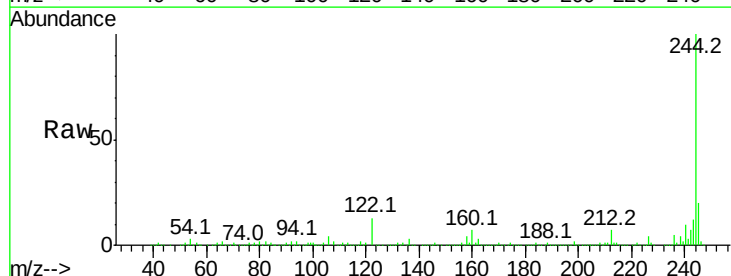
Instrument :
BNA_F
ClientSampleId :
LTP-3

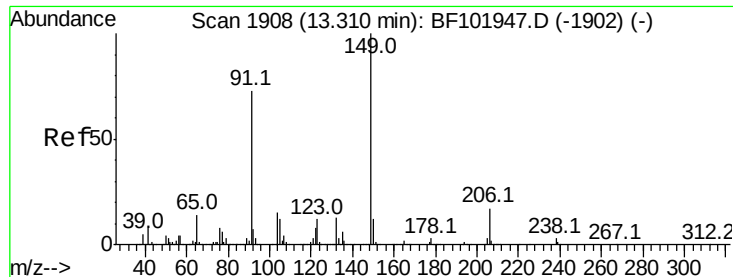
Tot Ion:202 Resp: 51690
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 16.9 14.3 21.5



#78
Terphenyl-d14
Concen: 66.788 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Tgt Ion:244 Resp: 841674
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.0 11.0 16.4

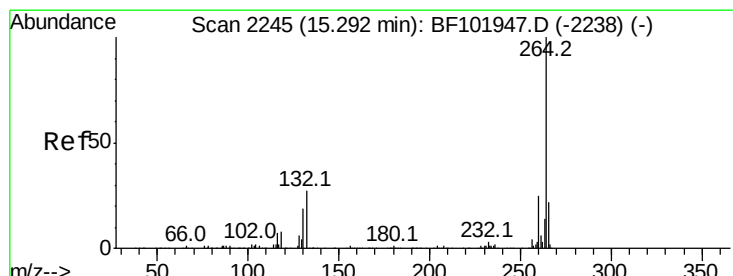
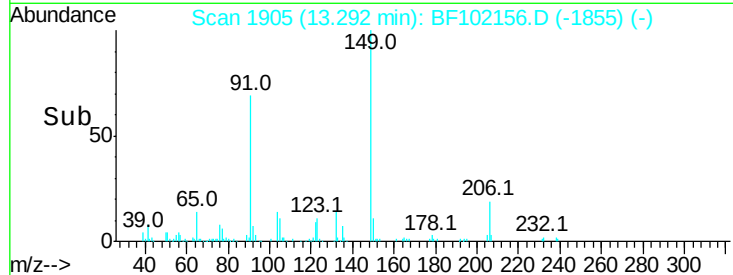
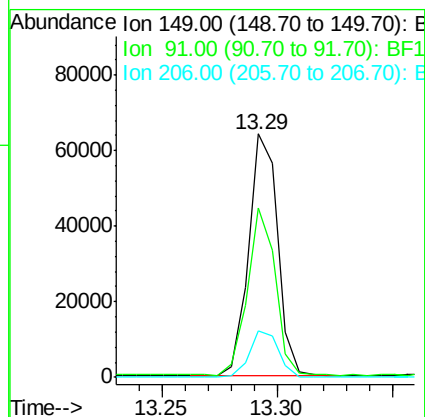
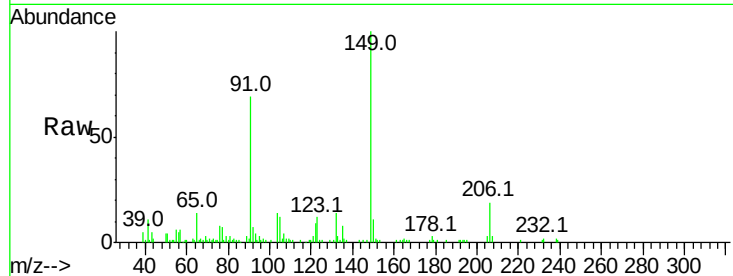




#79
Butylbenzylphthalate
Concen: 5.287 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Instrument :
BNA_F
ClientSampled :
LTP-3

Tot Ion:149 Resp: 56119
Ion Ratio Lower Upper
149 100
91 69.4 56.8 85.2
206 19.1 14.1 21.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102156.D
Acq: 17 Jan 2018 18:06

Tgt Ion:264 Resp: 276399
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.0 17.5 26.3

