

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102405.D
 Acq On : 24 Jan 2018 22:20
 Operator : SJ/JU
 Sample : J1236-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 31A-5

Quant Time: Jan 25 09:42:33 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

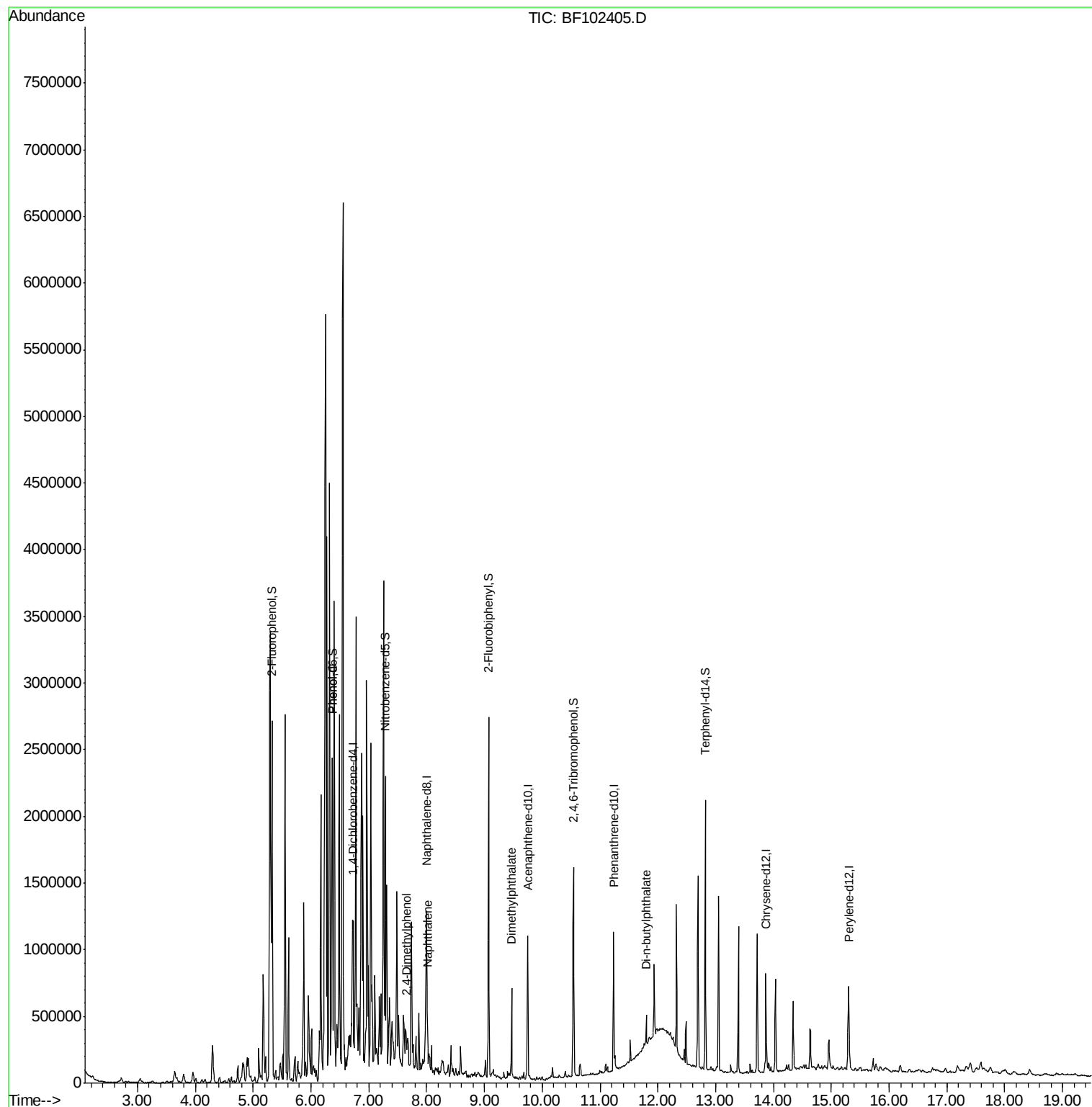
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126101	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	501637	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	218823	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	346864	20.00	ng	0.00
75) Chrysene-d12	13.87	240	251203	20.00	ng	0.00
86) Perylene-d12	15.30	264	253769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	809354	97.32	ng	0.00
7) Phenol-d6	6.37	99	958680	95.62	ng	0.01
23) Nitrobenzene-d5	7.29	82	560052	64.16	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	175099	80.76	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	882721	59.31	ng	0.00
78) Terphenyl-d14	12.82	244	665041	59.68	ng	0.00
Target Compounds						
10) Phenol	6.37	94	36440	3.329	ng	83
27) 2,4-Dimethylphenol	7.66	122	16894	2.475	ng	86
31) Naphthalene	8.02	128	51314	2.049	ng	# 94
49) Dimethylphthalate	9.47	163	229316	12.678	ng	98
73) Di-n-butylphthalate	11.80	149	108117	4.297	ng	# 98

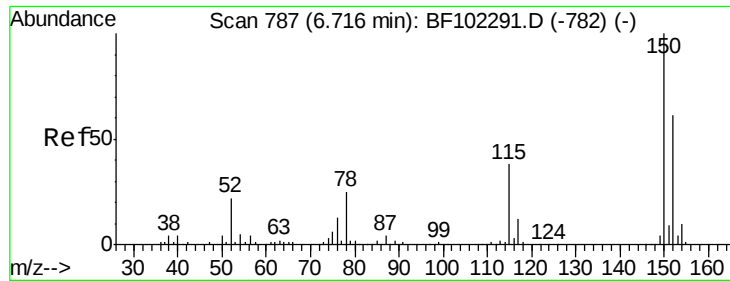
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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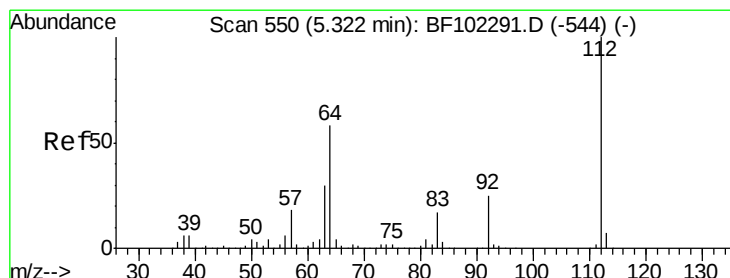
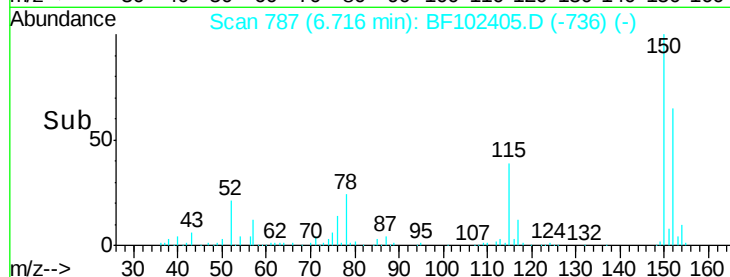
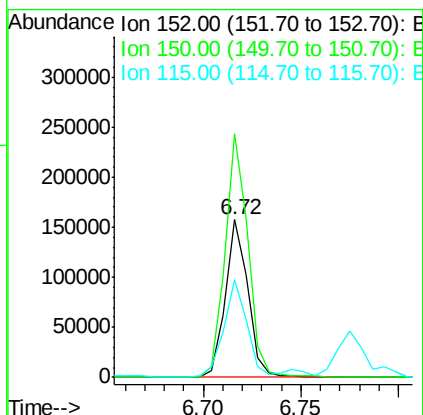
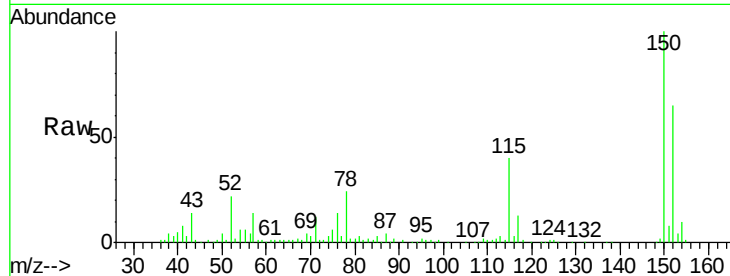


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102405.D
Acq: 24 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
31A-5

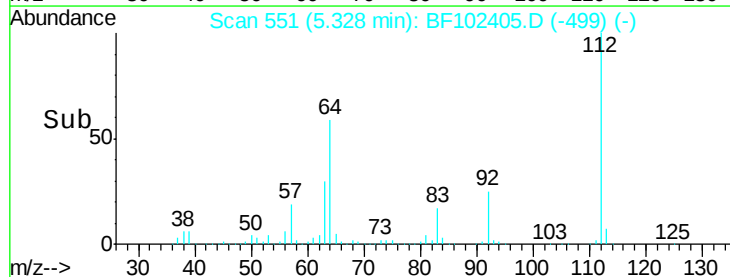
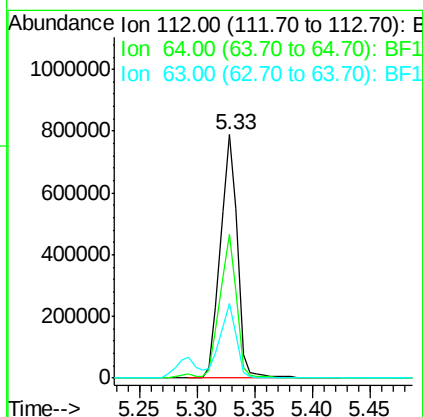
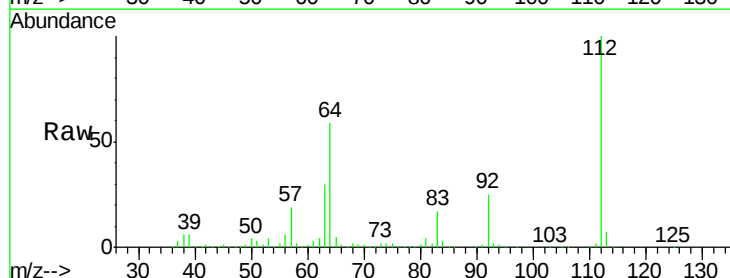
Tgt Ion:152 Resp: 126101
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 62.1 50.1 75.1

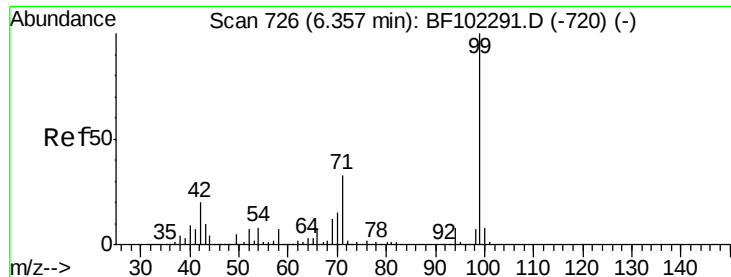


#5

2-Fluorophenol
Concen: 97.318 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102405.D
Acq: 24 Jan 2018 22:20

Tgt Ion:112 Resp: 809354
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 95.616 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

Instrument :

BNA_F

ClientSampled :

31A-5

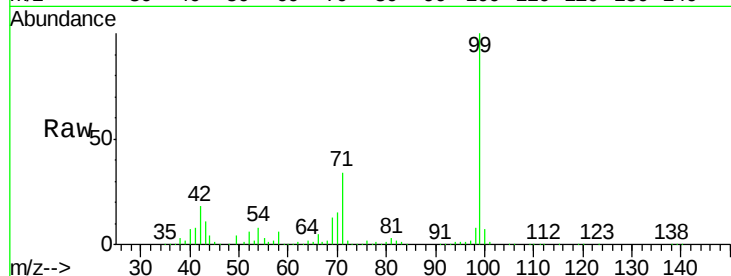
Tgt Ion: 99 Resp: 958680

Ion Ratio Lower Upper

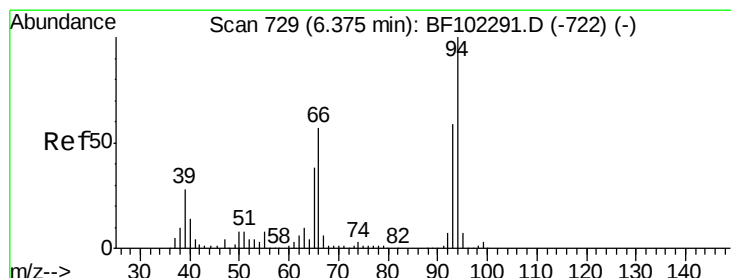
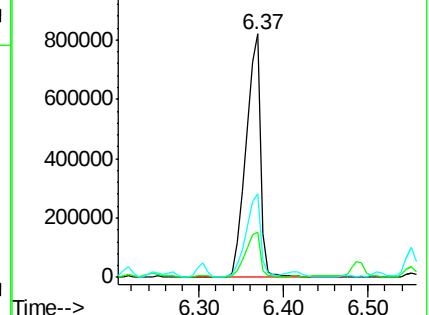
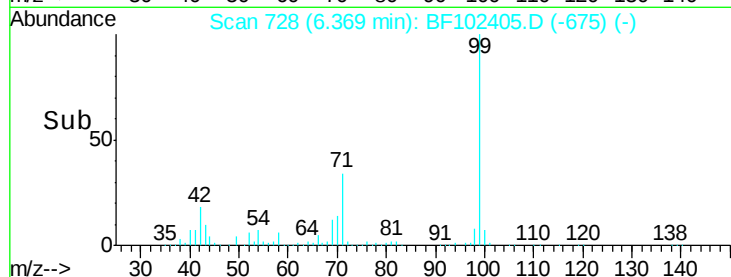
99 100

42 18.4 14.5 21.7

71 34.2 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: 3.329 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

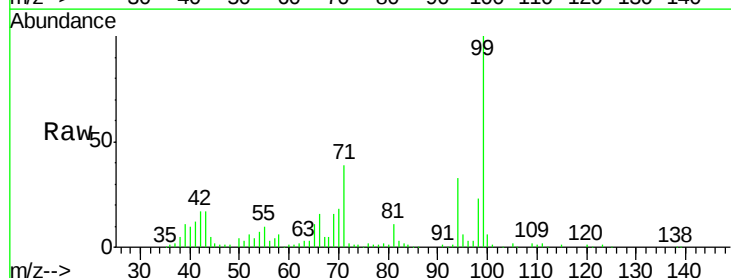
Tgt Ion: 94 Resp: 36440

Ion Ratio Lower Upper

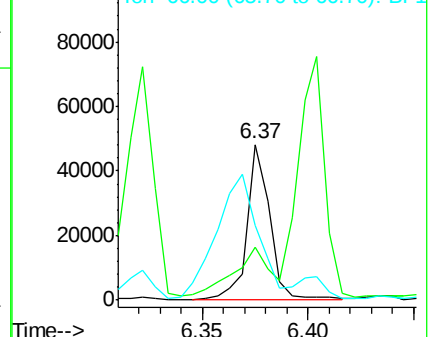
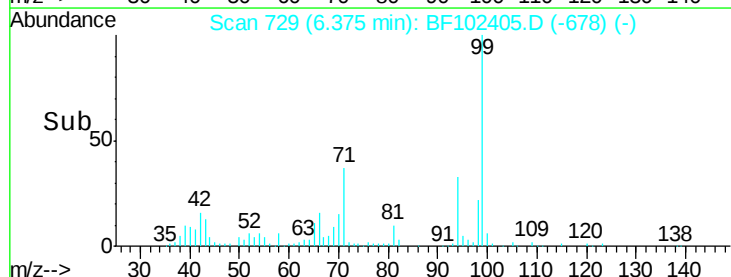
94 100

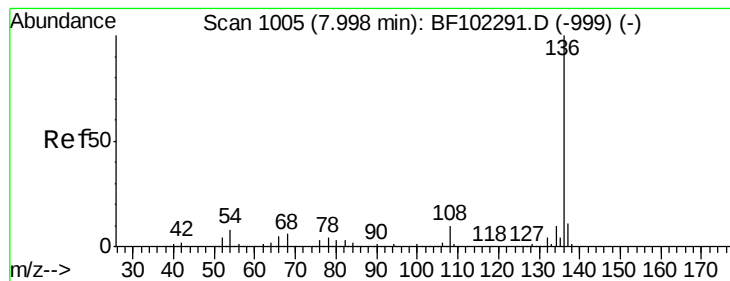
65 34.2 7.9 47.9

66 48.2 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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

Instrument :

BNA_F

ClientSampleId :

31A-5

Tgt Ion:136 Resp: 501637

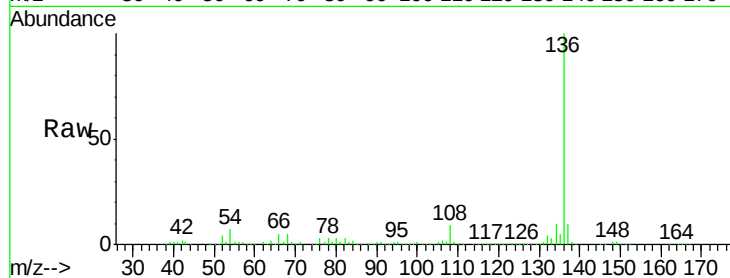
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.4 6.6 9.8

68 5.4 5.0 7.4

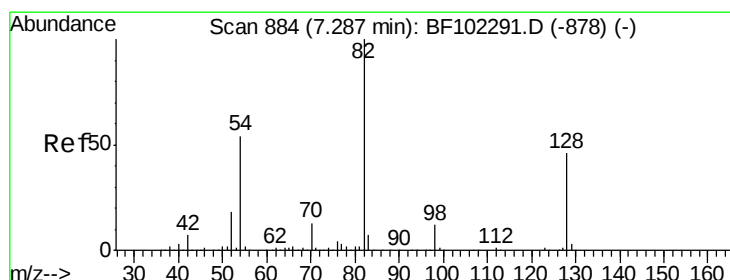
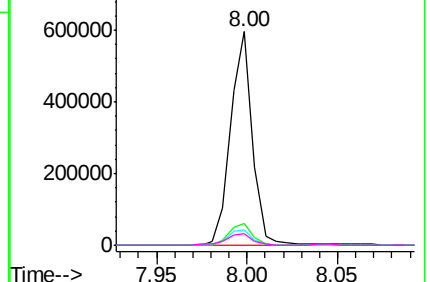
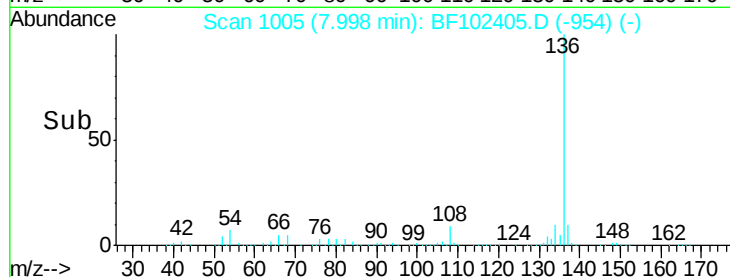


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.159 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

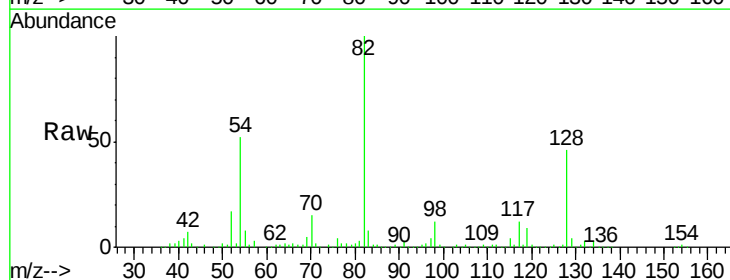
Tgt Ion: 82 Resp: 560052

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

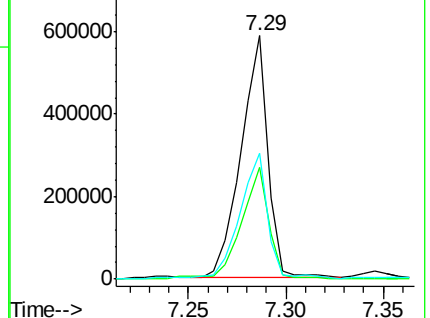
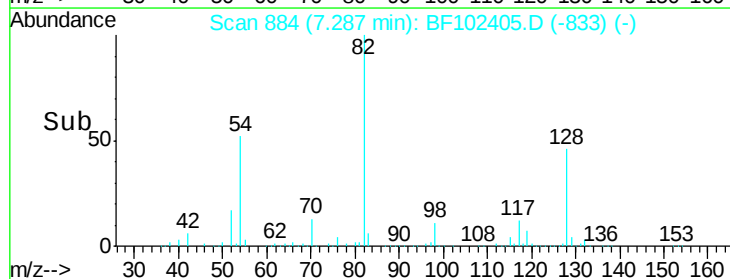
54 51.8 41.4 62.2

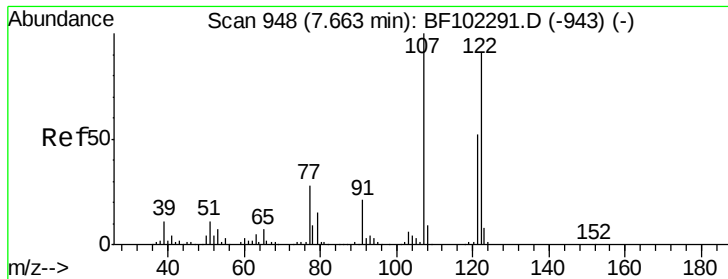


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.475 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

Instrument :

BNA_F

ClientSampleId :

31A-5

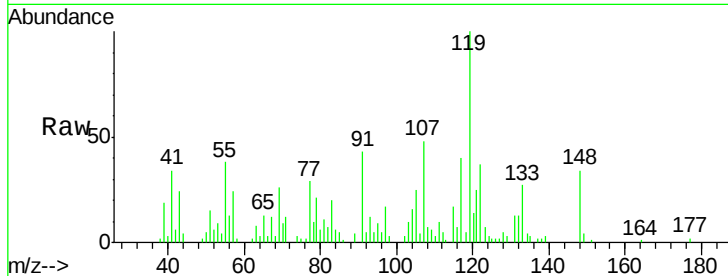
Tgt Ion:122 Resp: 16894

Ion Ratio Lower Upper

122 100

107 129.8 91.2 136.8

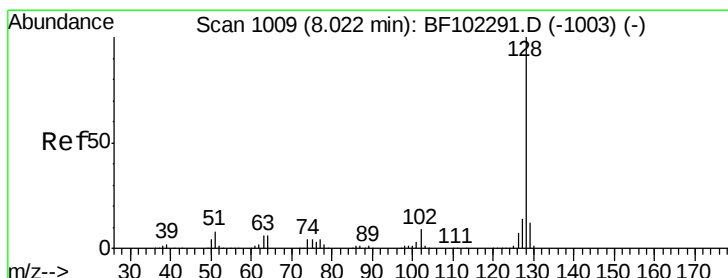
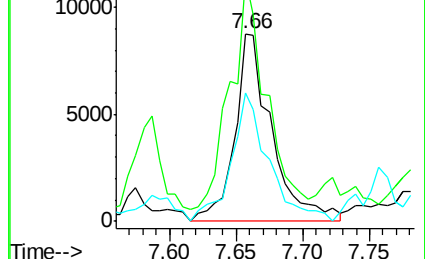
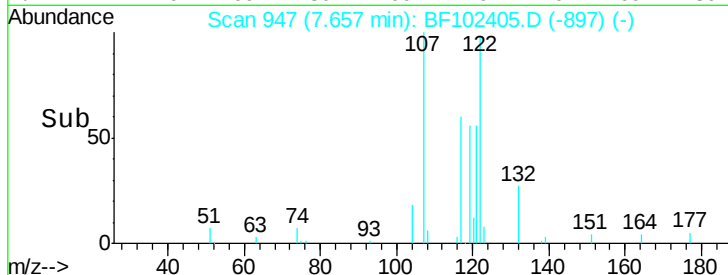
121 68.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 2.049 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

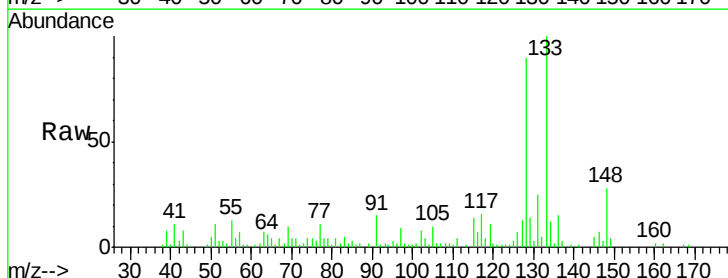
Tgt Ion:128 Resp: 51314

Ion Ratio Lower Upper

128 100

129 15.6 8.8 13.2#

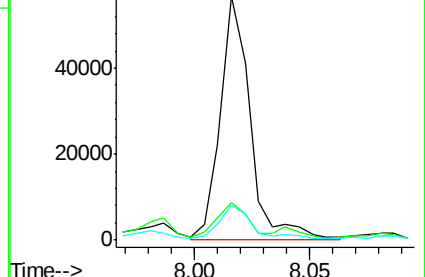
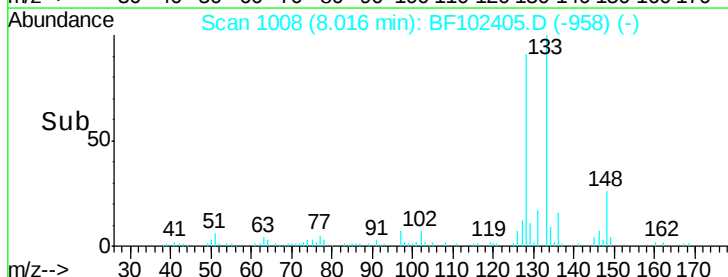
127 14.3 10.9 16.3

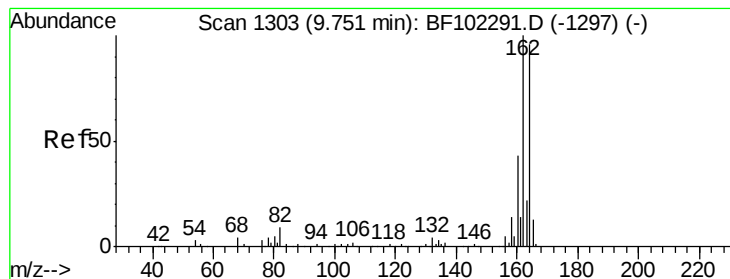


Abundance Ion 128.00 (127.70 to 128.70): E

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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

Instrument :

BNA_F

ClientSampleId :

31A-5

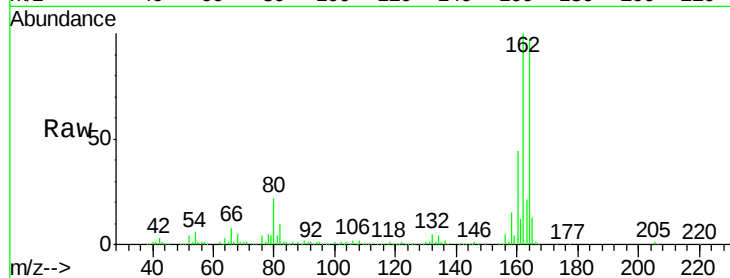
Tgt Ion:164 Resp: 218823

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

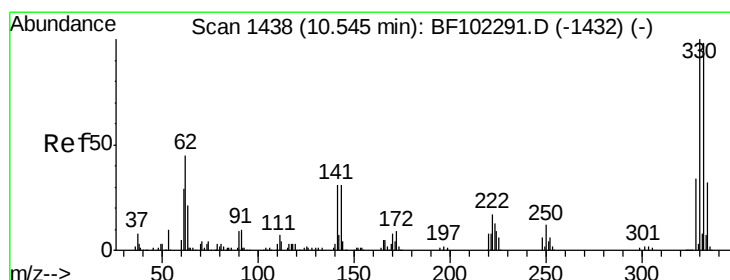
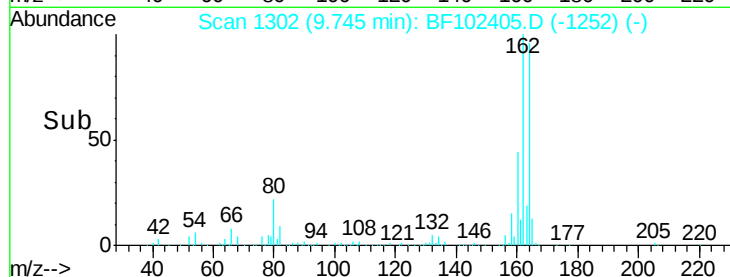
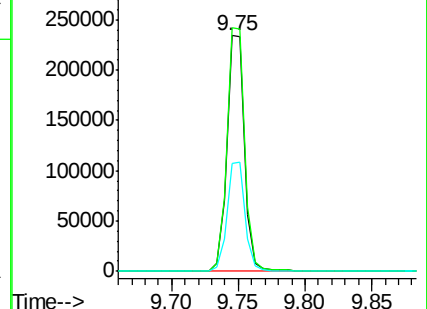
160 45.7 38.3 57.5



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: 80.757 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

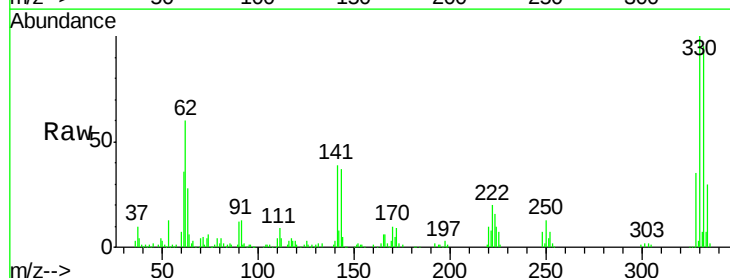
Tgt Ion:330 Resp: 175099

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

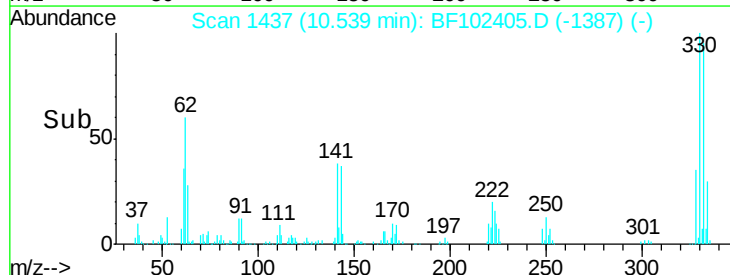
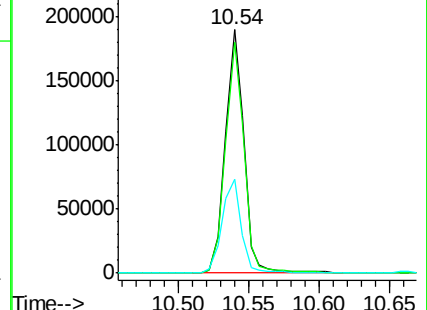
141 39.7 29.9 44.9

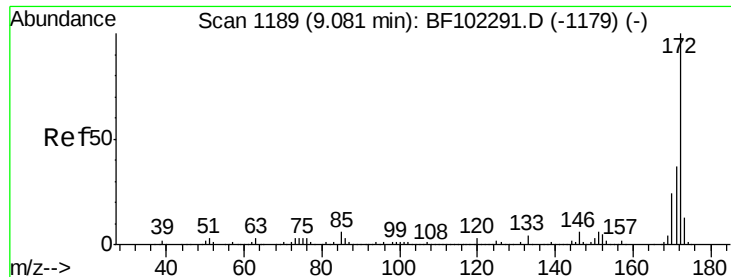


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

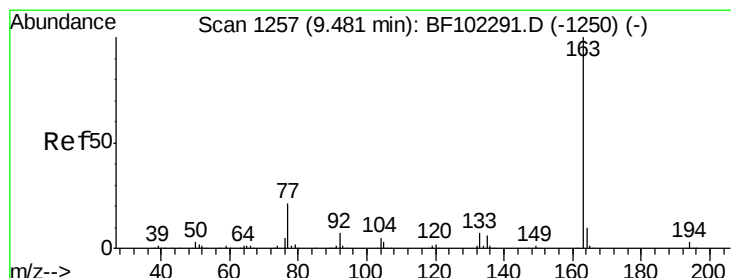
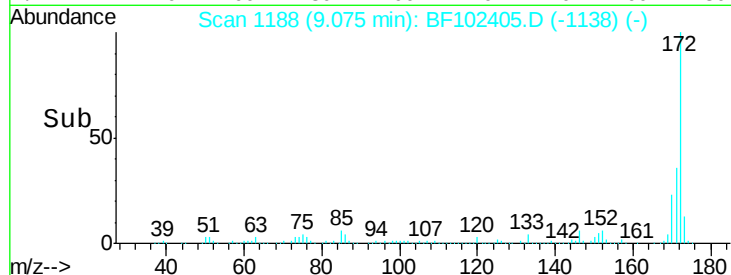
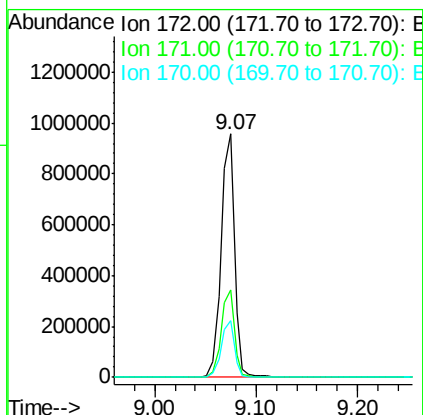
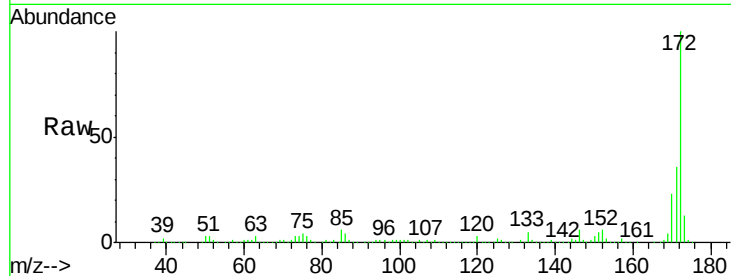




#44
2-Fluorobiphenyl
Concen: 59.313 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102405.D
Acq: 24 Jan 2018 22:20

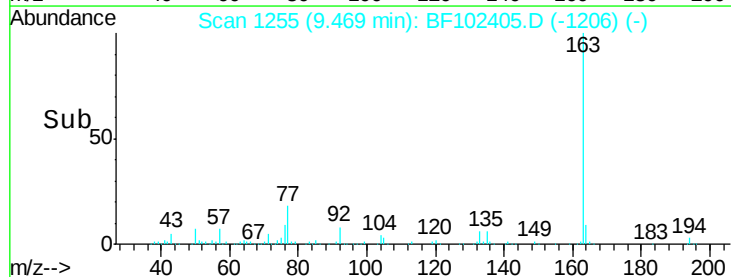
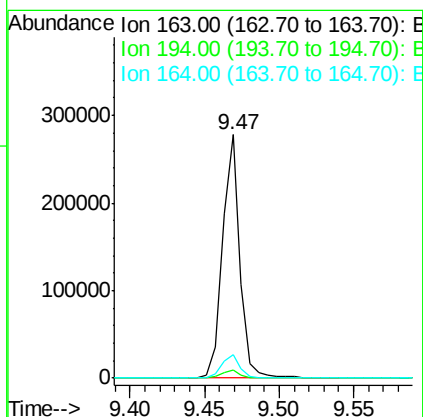
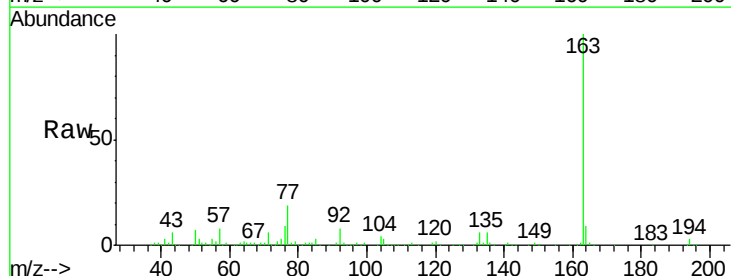
Instrument :
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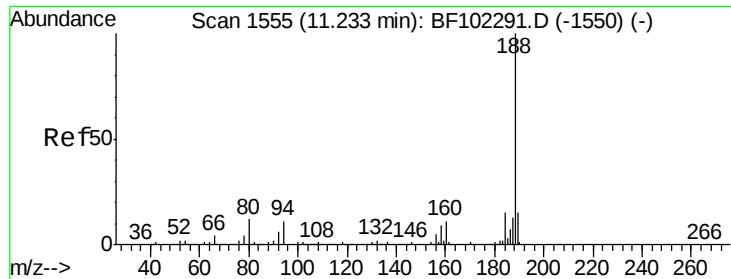
Tgt Ion:172 Resp: 882721
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.2 19.6 29.4



#49
Dimethylphthalate
Concen: 12.678 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102405.D
Acq: 24 Jan 2018 22:20

Tgt Ion:163 Resp: 229316
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.4 8.2 12.2

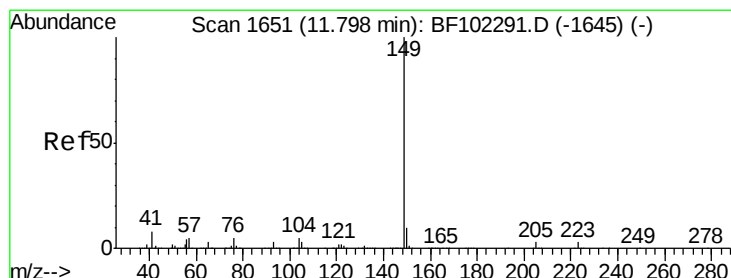
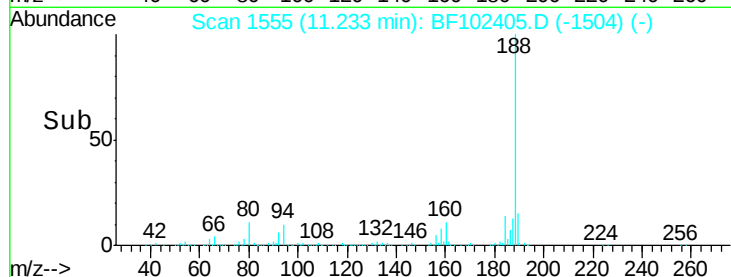
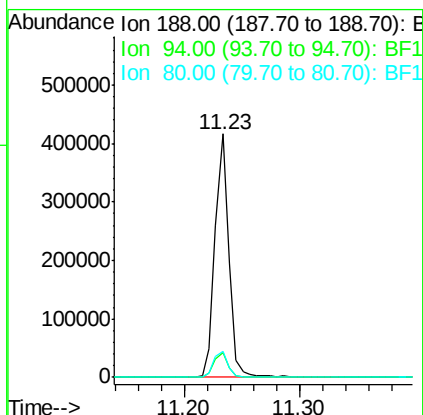
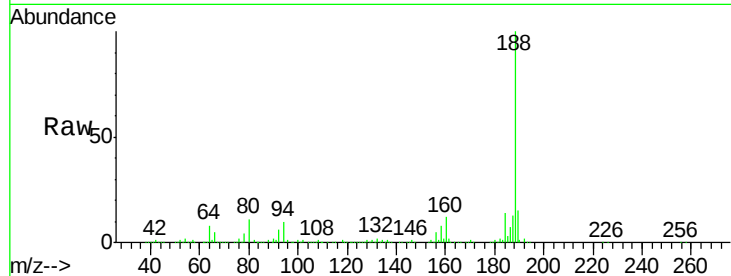




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102405.D
Acq: 24 Jan 2018 22:20

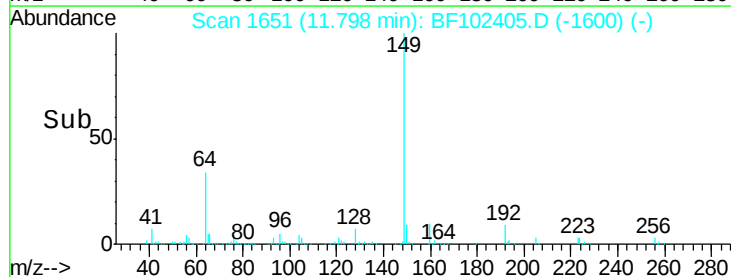
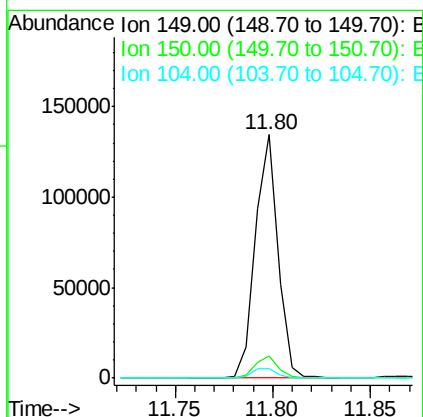
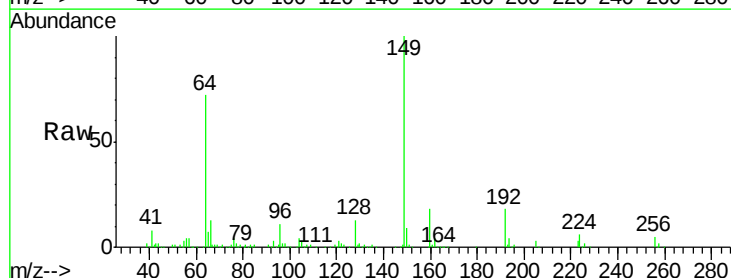
Instrument :
BNA_F
ClientSampled :
31A-5

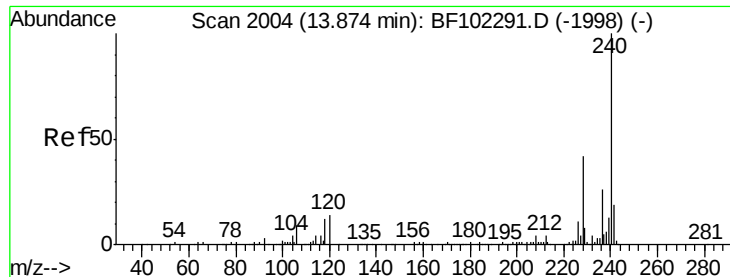
Tgt Ion:188 Resp: 346864
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.6 9.2 13.8



#73
Di-n-butylphthalate
Concen: 4.297 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102405.D
Acq: 24 Jan 2018 22:20

Tgt Ion:149 Resp: 108117
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 3.8 3.8 5.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

Instrument :

BNA_F

ClientSampleId :

31A-5

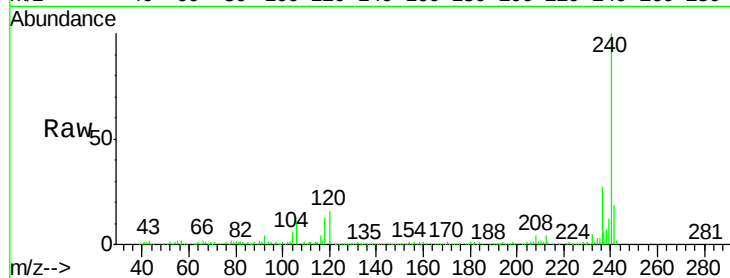
Tgt Ion:240 Resp: 251203

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

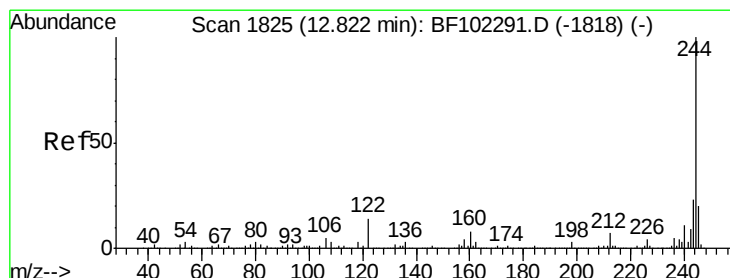
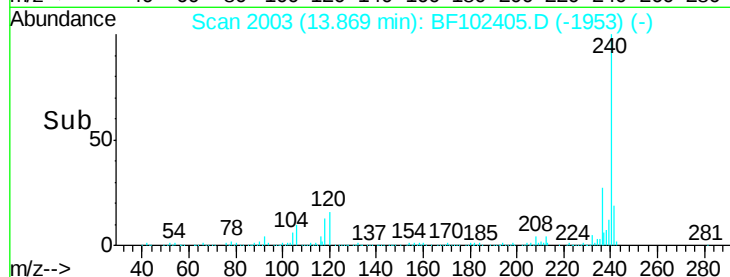
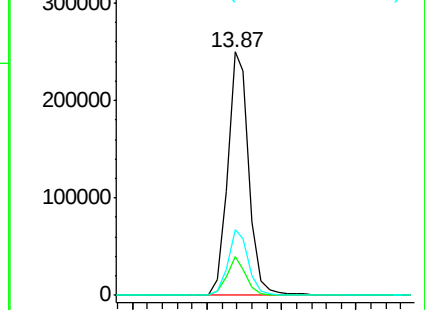
236 27.0 20.7 31.1



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: 59.682 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102405.D

Acq: 24 Jan 2018 22:20

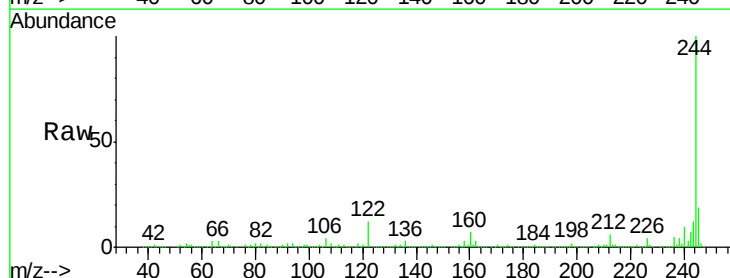
Tgt Ion:244 Resp: 665041

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

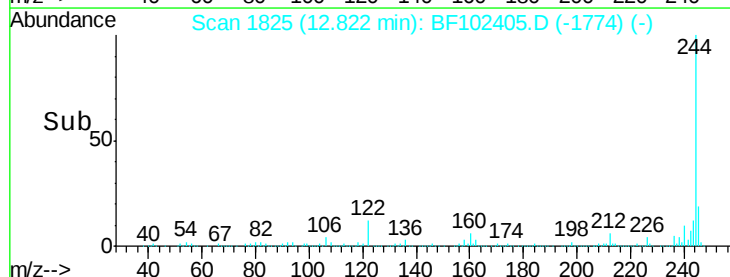
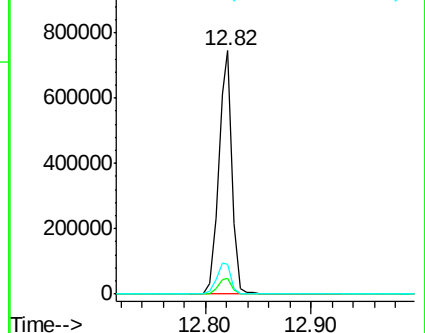
122 12.4 11.0 16.4

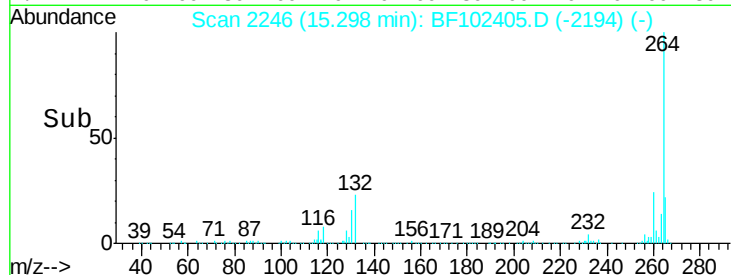
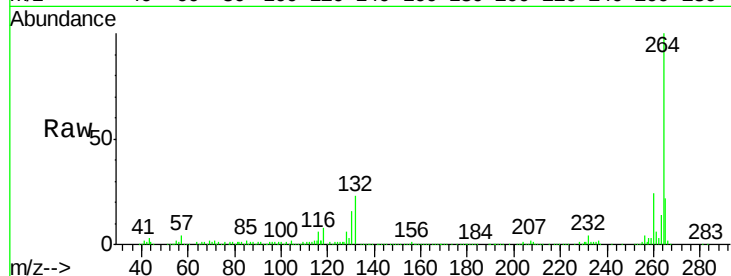
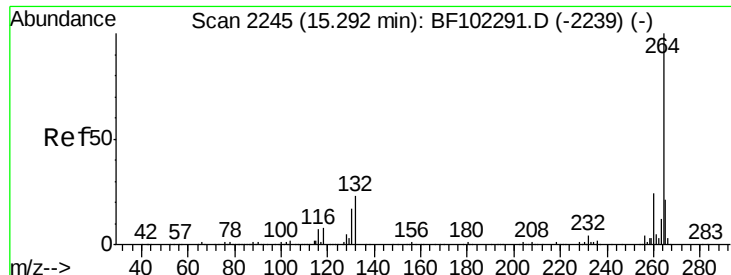


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102405.D
Acq: 24 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
31A-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3

