

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102464.D
 Acq On : 26 Jan 2018 13:18
 Operator : SJ/JU
 Sample : J1256-04RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-E-W-(NW4-8)RE

Quant Time: Jan 26 16:29:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

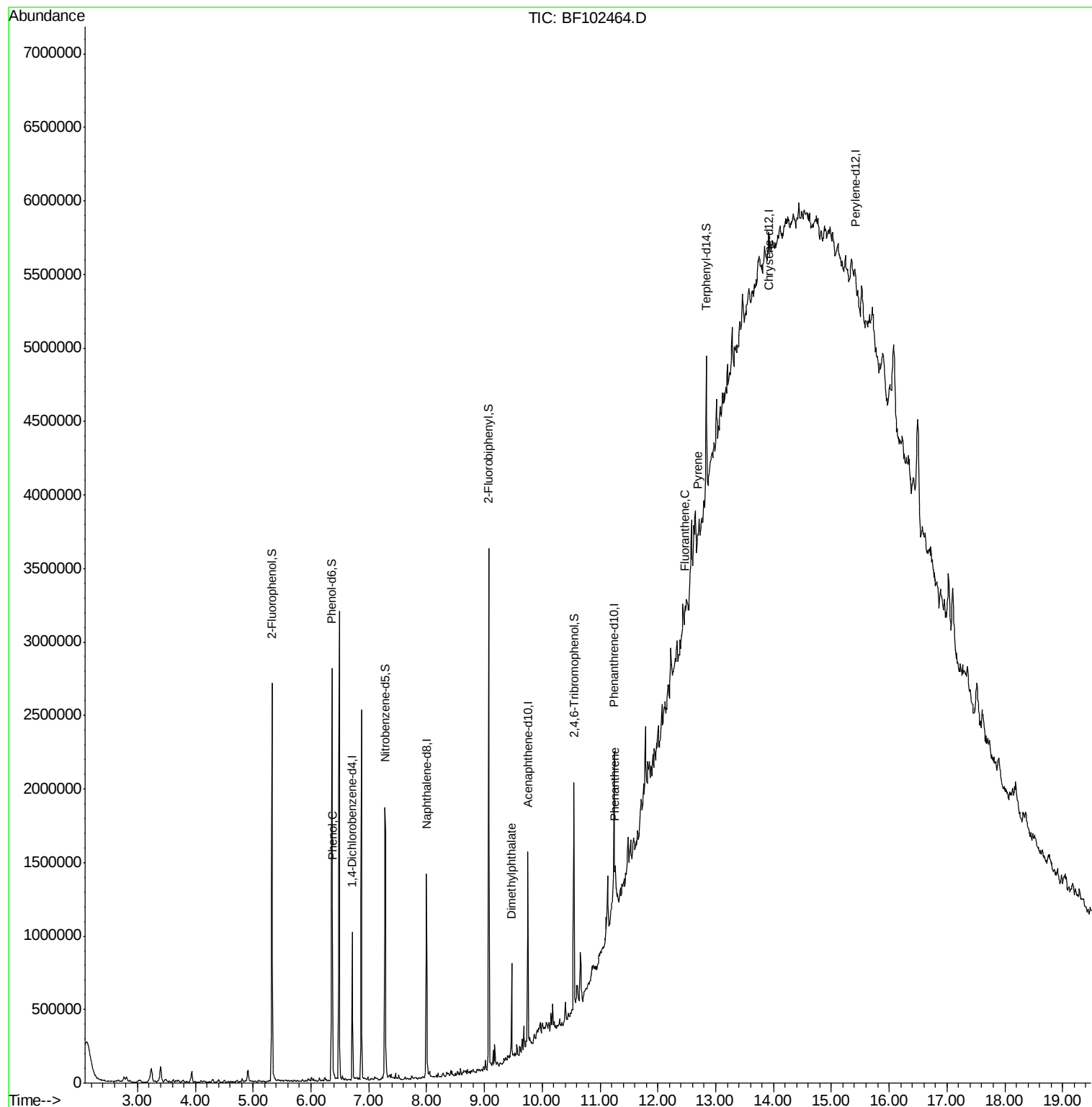
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145466	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	594692	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	247114	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	335196	20.00	ng	0.00
75) Chrysene-d12	13.92	240	134635	20.00	ng	0.04
86) Perylene-d12	15.42	264	114976	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	846201	88.20	ng	0.00
7) Phenol-d6	6.36	99	1034813	89.47	ng	0.00
23) Nitrobenzene-d5	7.28	82	649483	62.76	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	186407	76.13	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1075715	64.01	ng	0.00
78) Terphenyl-d14	12.84	244	540539	90.51	ng	0.01
Target Compounds						
10) Phenol	6.37	94	55617	4.405	ng	98
49) Dimethylphthalate	9.47	163	209400	10.252	ng	99
70) Phenanthrene	11.26	178	66246	3.392	ng	# 95
74) Fluoranthene	12.46	202	63516	3.189	ng	86
77) Pyrene	12.69	202	62475	6.002	ng	# 86

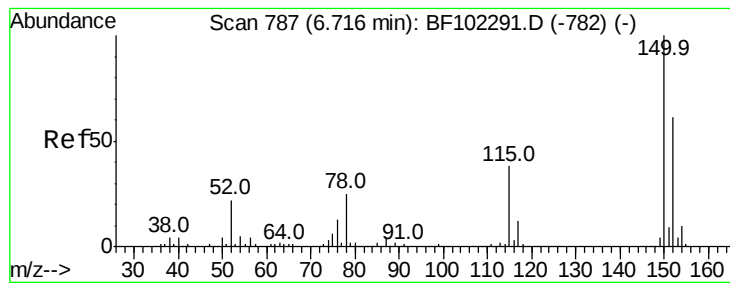
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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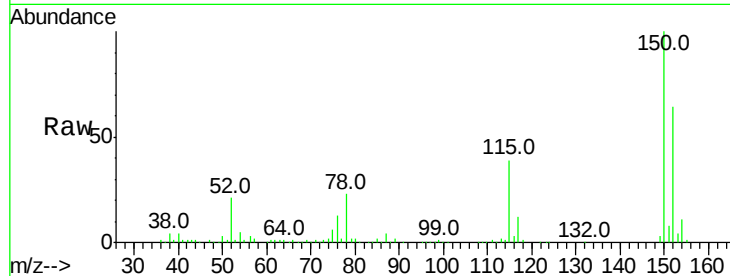


#1

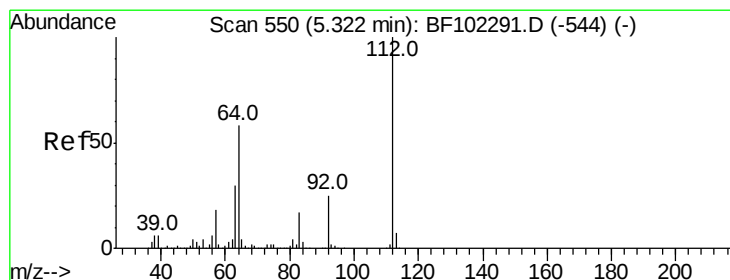
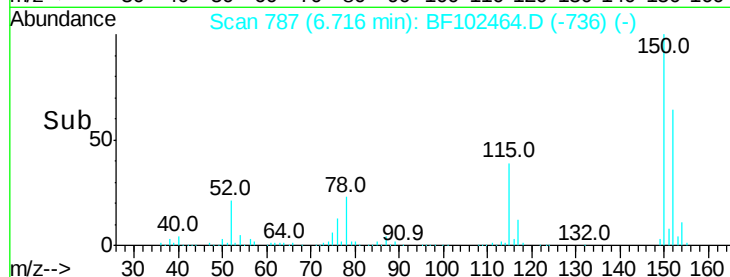
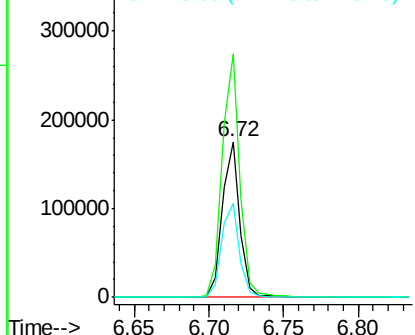
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW4-8)RE

Tot Ion:152 Resp: 145466
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.5 50.1 75.1



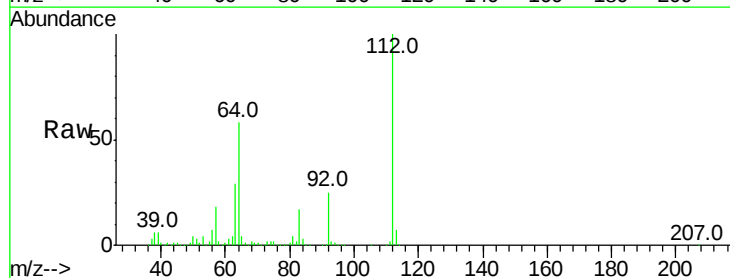
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



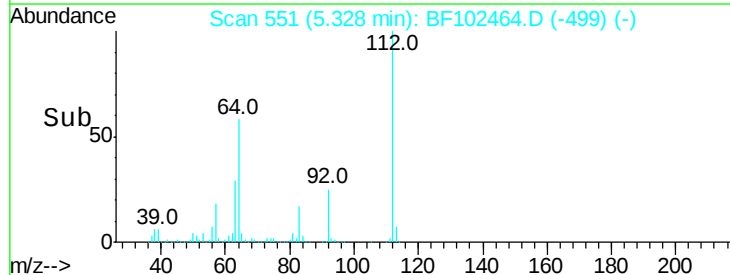
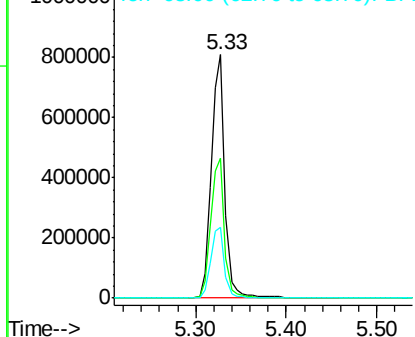
#5

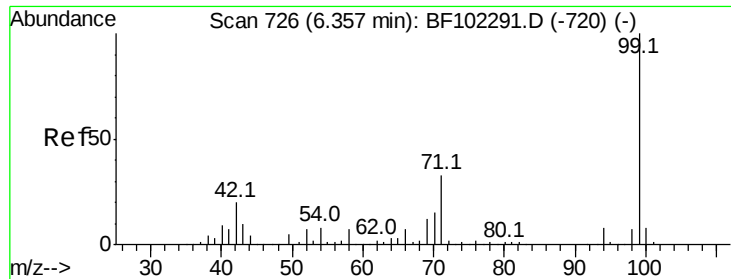
2-Fluorophenol
Concen: 88.203 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

Tgt Ion:112 Resp: 846201
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.3 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: 89.469 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102464.D

Acq: 26 Jan 2018 13:18

Instrument :

BNA_F

ClientSampleId :

DB-OF-E-W-(NW4-8)RE

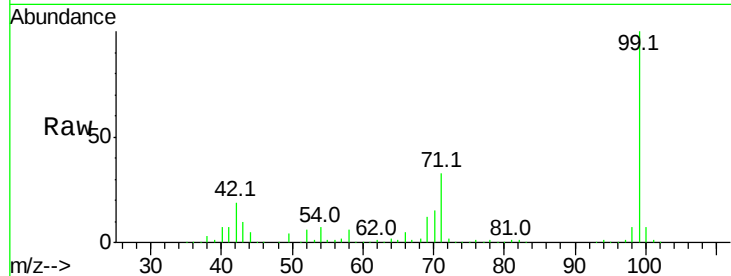
Tot Ion: 99 Resp: 1034813

Ion Ratio Lower Upper

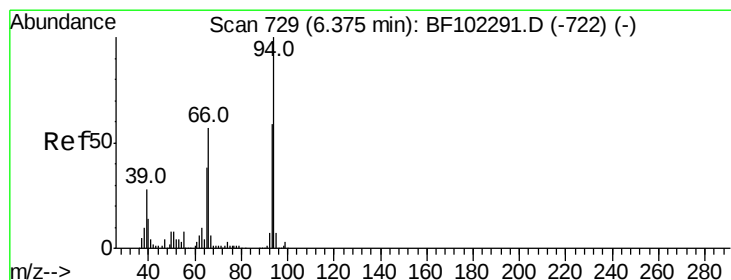
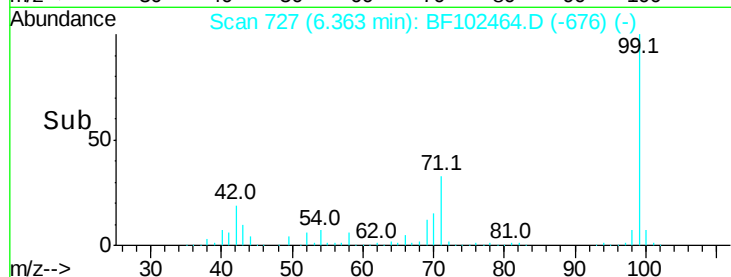
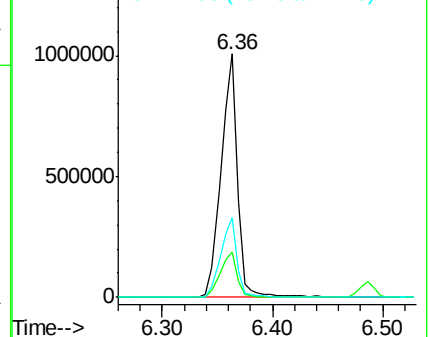
99 100

42 18.6 14.5 21.7

71 32.8 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: 4.405 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102464.D

Acq: 26 Jan 2018 13:18

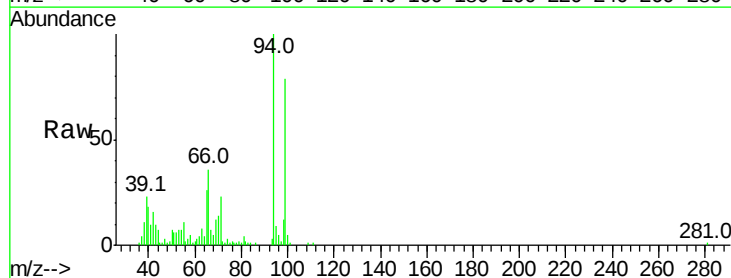
Tgt Ion: 94 Resp: 55617

Ion Ratio Lower Upper

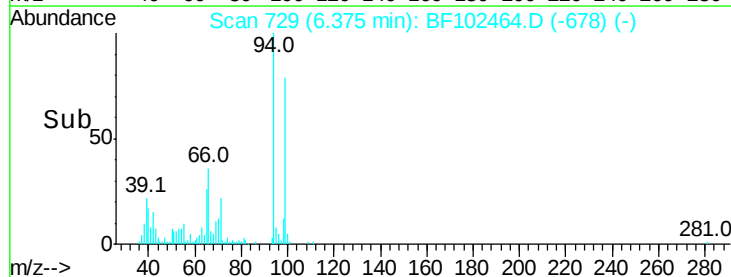
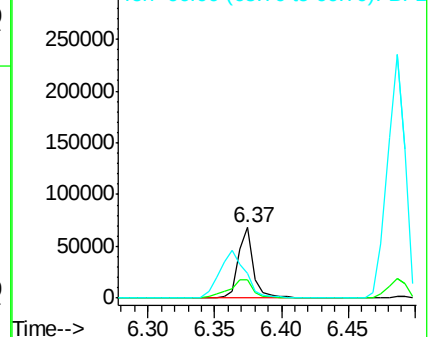
94 100

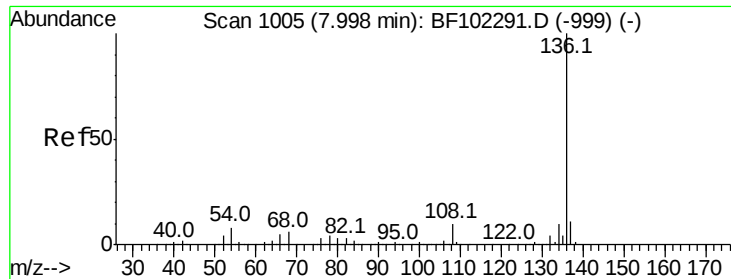
65 26.0 7.9 47.9

66 35.5 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

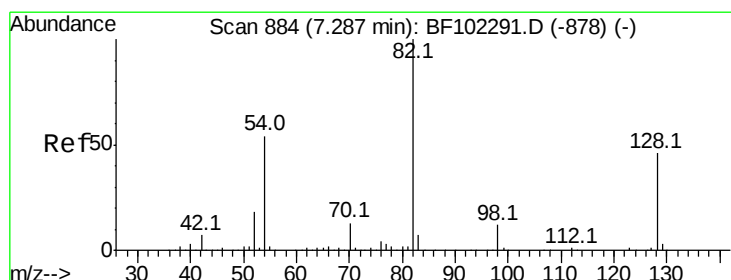
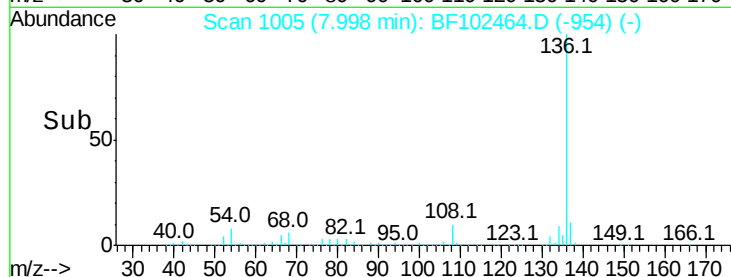
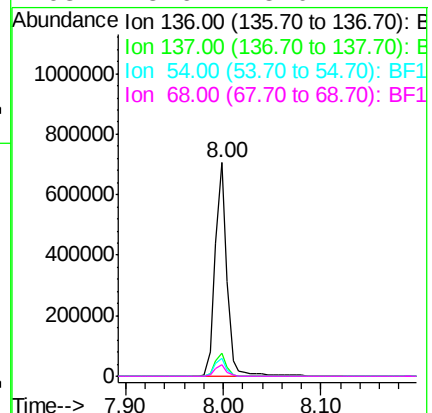
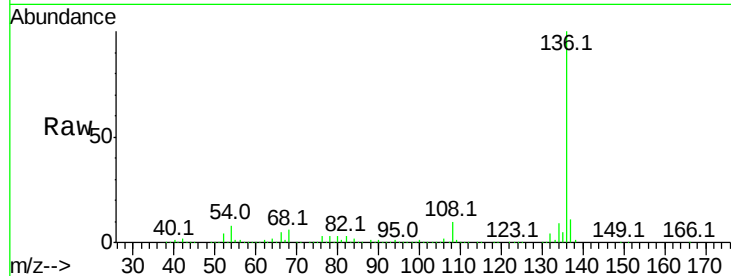




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

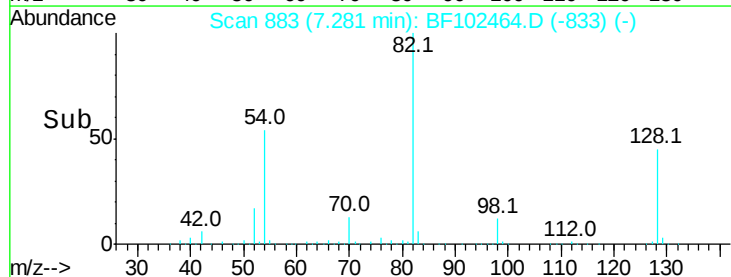
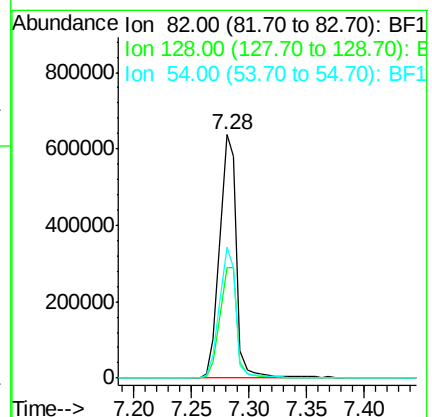
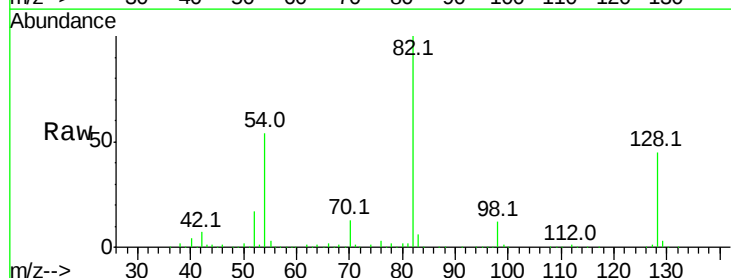
Instrument :
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ClientSampleId :
DB-OF-E-W-(NW4-8)RE

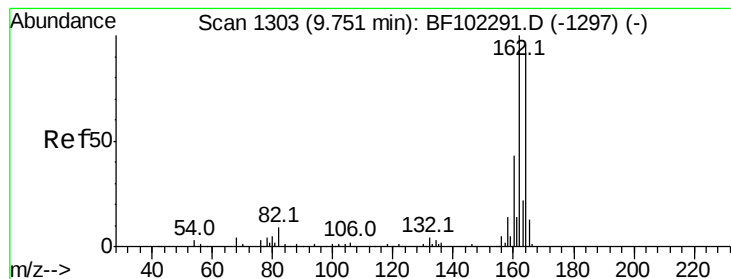
Tot Ion:136	Resp:	594692
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	8.2	6.6 9.8
68	5.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 62.762 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

Tgt Ion: 82	Resp:	649483
Ion	Ratio	Lower Upper
82	100	
128	45.4	36.1 54.1
54	53.7	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: BF102464.D

Acq: 26 Jan 2018 13:18

Instrument :

BNA_F

ClientSampleId :

DB-OF-E-W-(NW4-8)RE

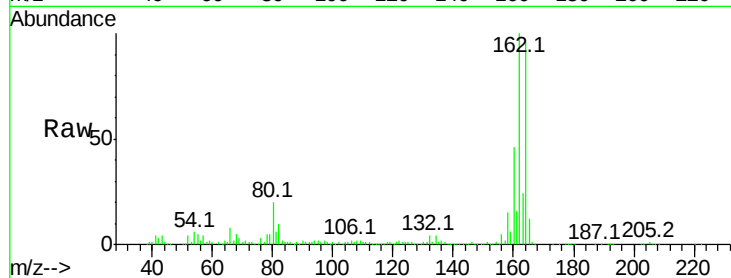
Tot Ion:164 Resp: 247114

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

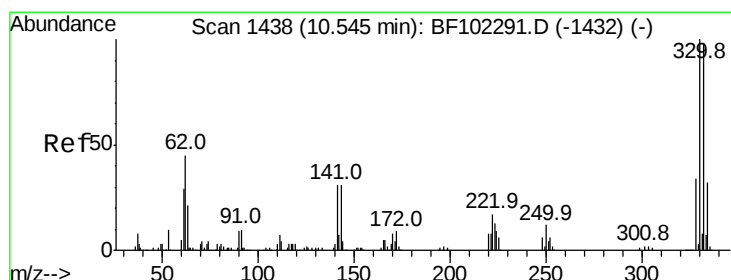
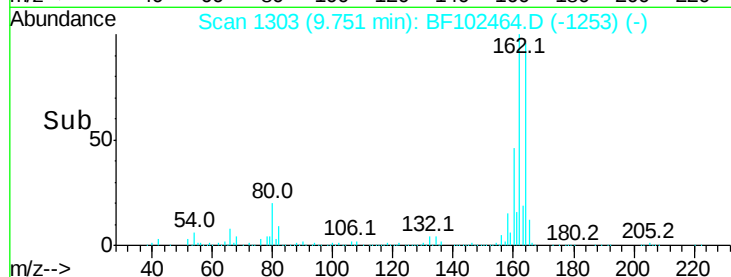
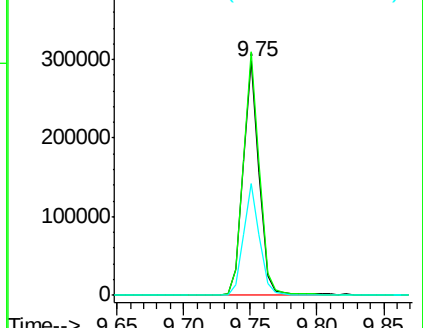
160 47.6 38.3 57.5



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: 76.130 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102464.D

Acq: 26 Jan 2018 13:18

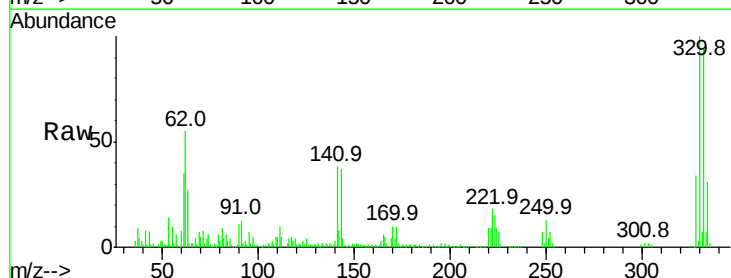
Tgt Ion:330 Resp: 186407

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

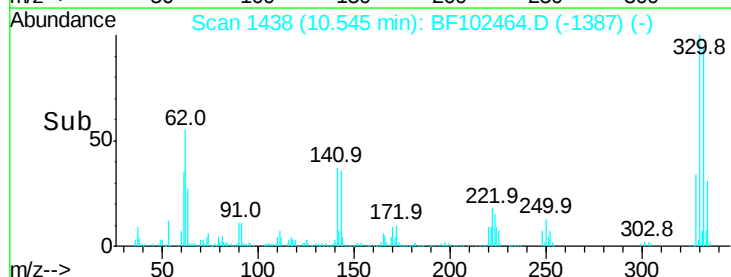
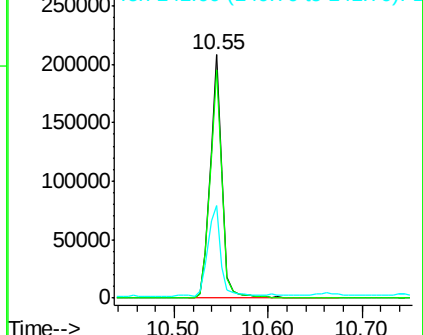
141 40.0 29.9 44.9

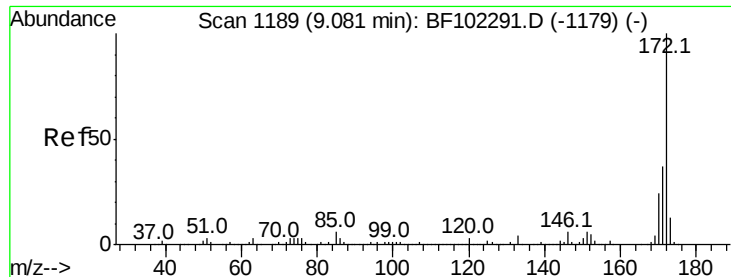


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

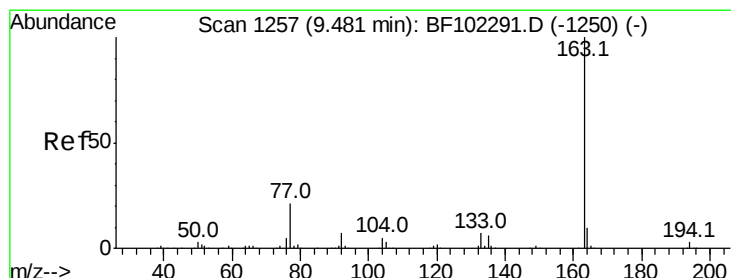
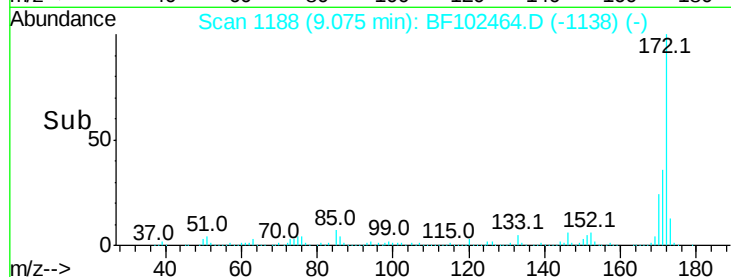
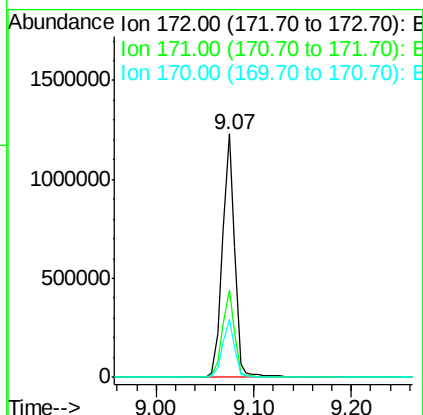
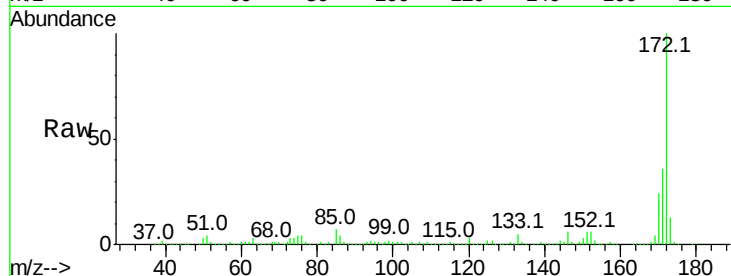




#44
2-Fluorobiphenyl
Concen: 64.006 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

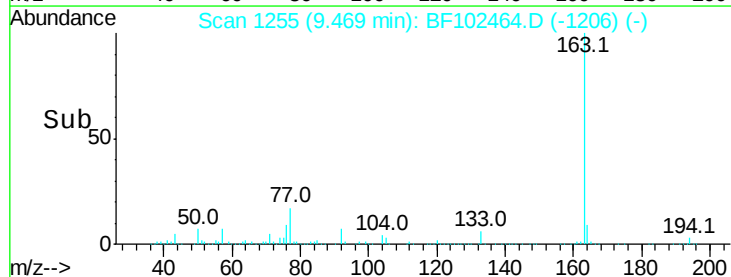
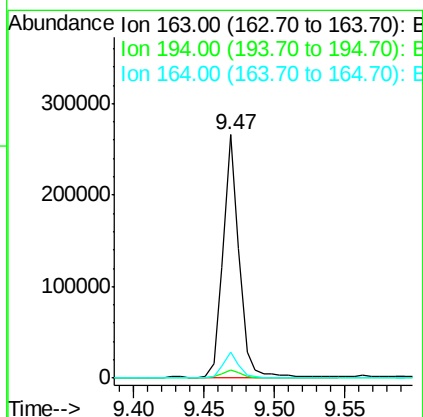
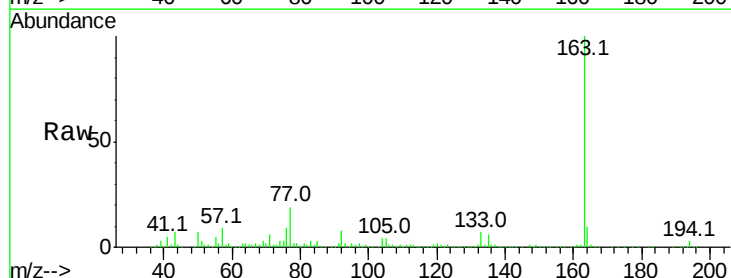
Instrument :
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DB-OF-E-W-(NW4-8)RE

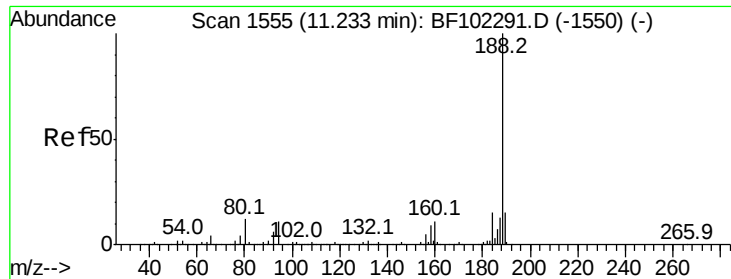
Tot Ion:172 Resp: 1075715
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 10.252 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

Tgt Ion:163 Resp: 209400
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

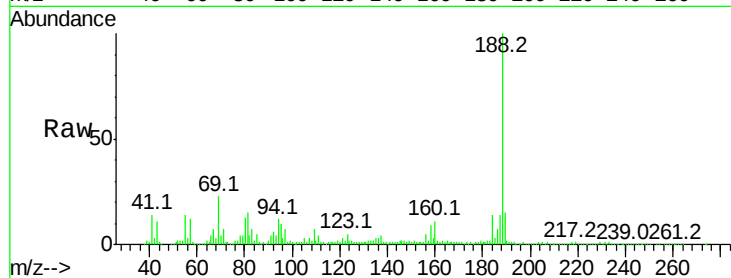




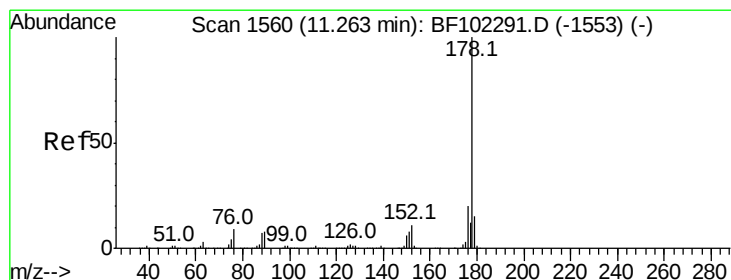
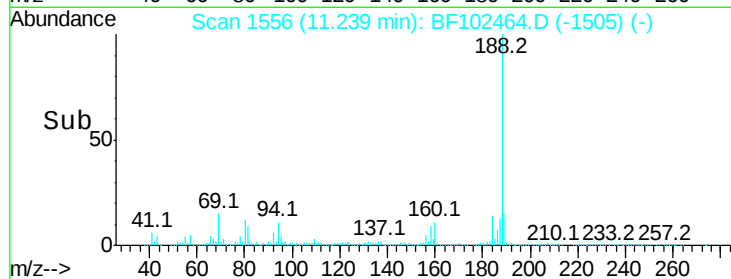
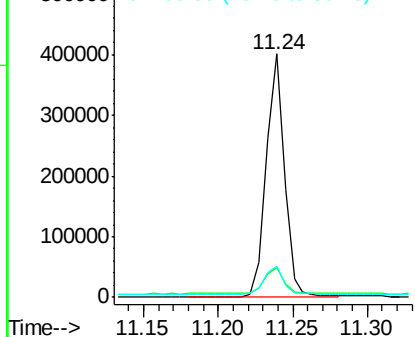
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW4-8)RE

Tot Ion:188 Resp: 335196
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.8 9.2 13.8

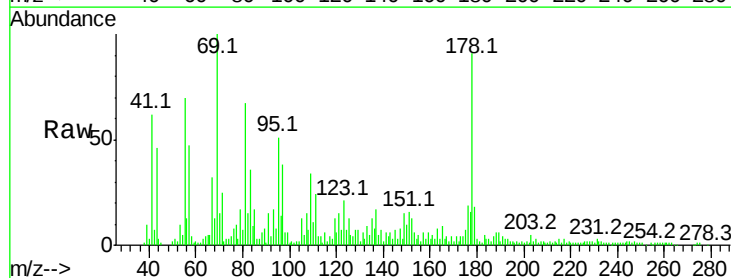


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

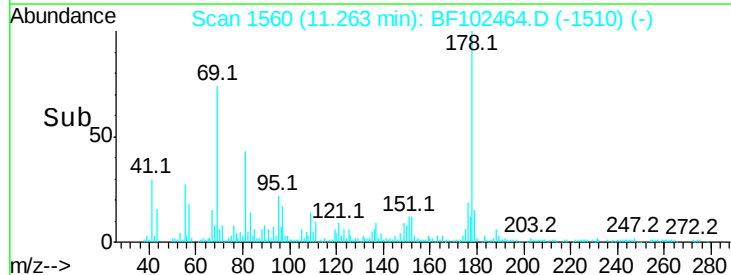
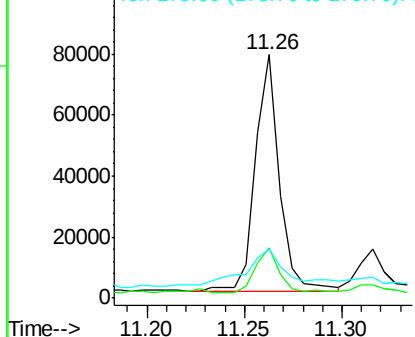


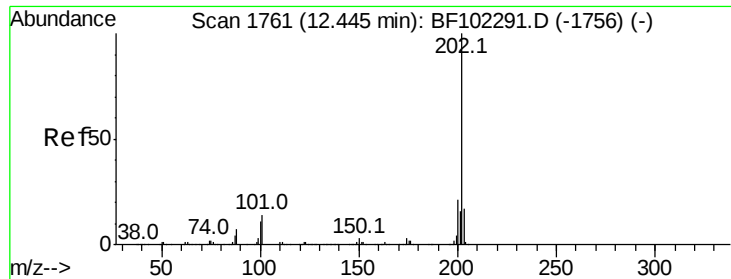
#70
Phenanthrene
Concen: 3.392 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

Tgt Ion:178 Resp: 66246
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.8
179 20.2 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: 3.189 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102464.D

Acq: 26 Jan 2018 13:18

Instrument :

BNA_F

ClientSampleId :

DB-OF-E-W-(NW4-8)RE

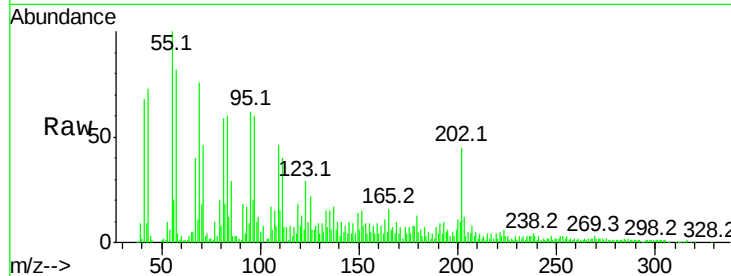
Tot Ion:202 Resp: 63516

Ion Ratio Lower Upper

202 100

101 17.4 0.0 34.1

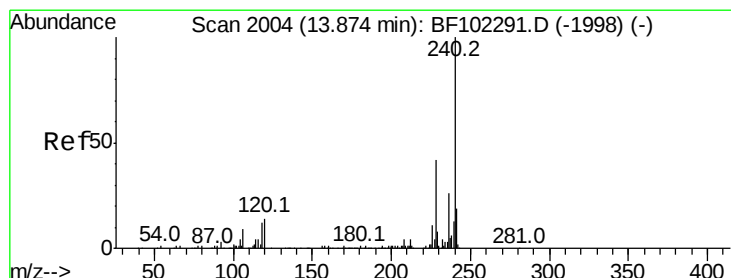
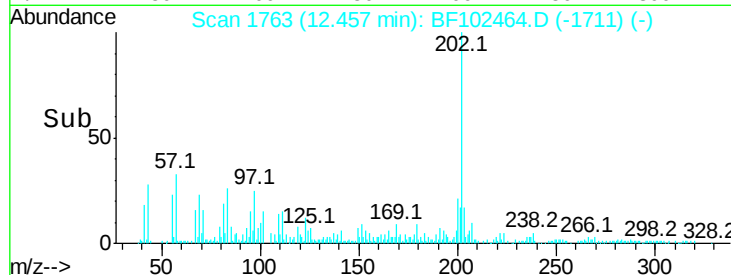
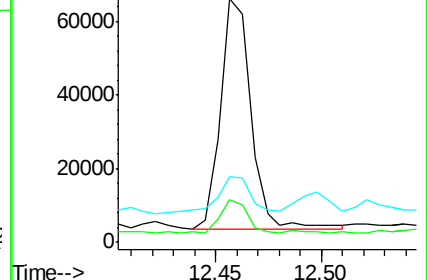
203 26.7 0.0 38.1



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: 13.92 min Scan# 2011

Delta R.T. 0.04 min

Lab File: BF102464.D

Acq: 26 Jan 2018 13:18

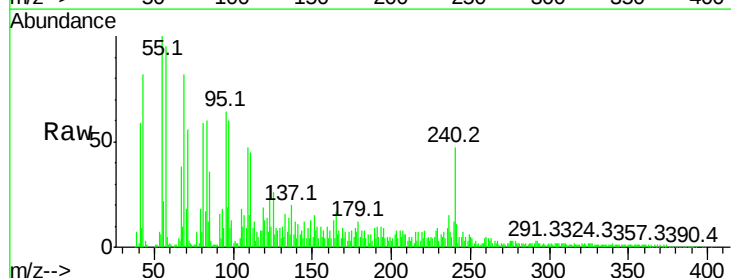
Tgt Ion:240 Resp: 134635

Ion Ratio Lower Upper

240 100

120 28.0 9.5 14.3#

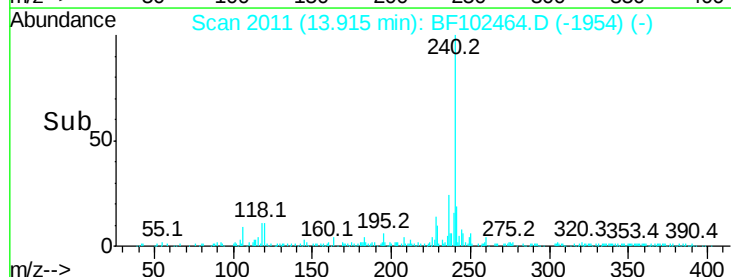
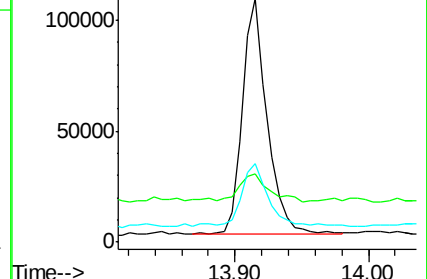
236 32.2 20.7 31.1#

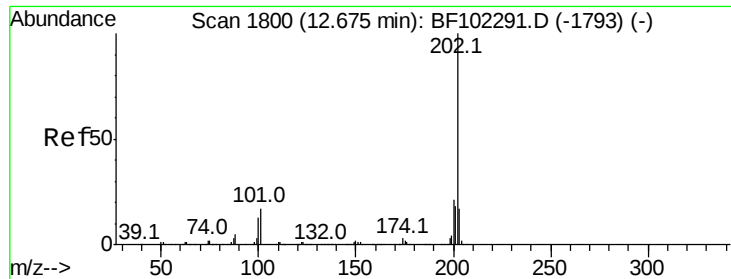


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 6.002 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102464.D

Acq: 26 Jan 2018 13:18

Instrument :

BNA_F

ClientSampleId :

DB-OF-E-W-(NW4-8)RE

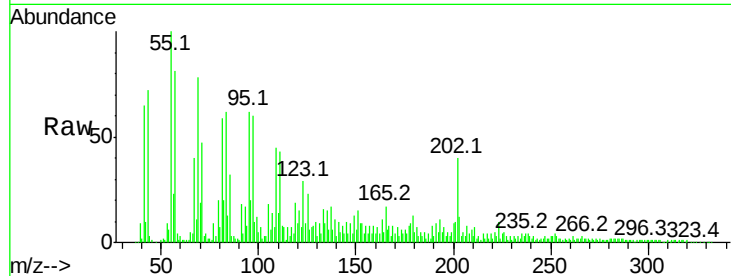
Tot Ion:202 Resp: 62475

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

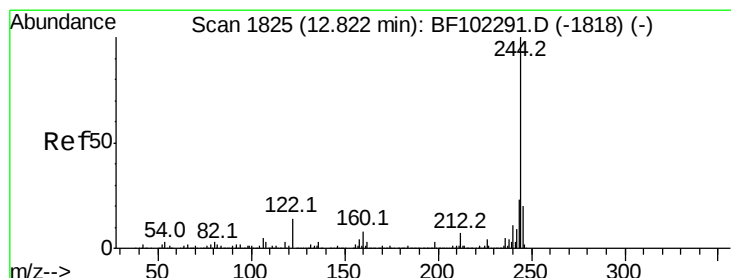
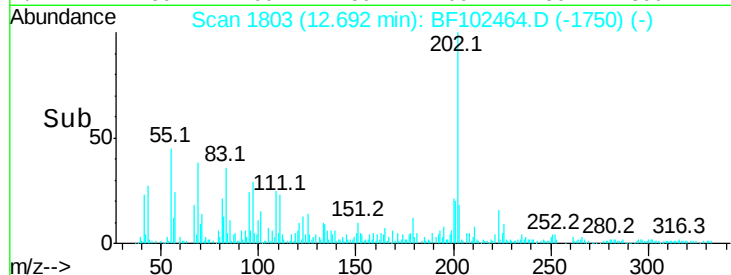
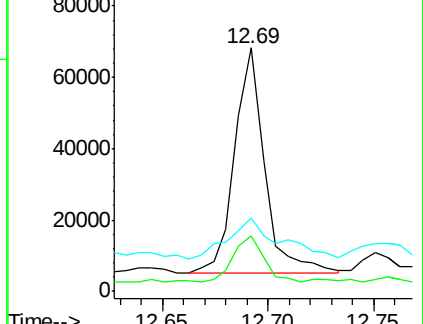
203 30.1 14.3 21.5#



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: 90.509 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF102464.D

Acq: 26 Jan 2018 13:18

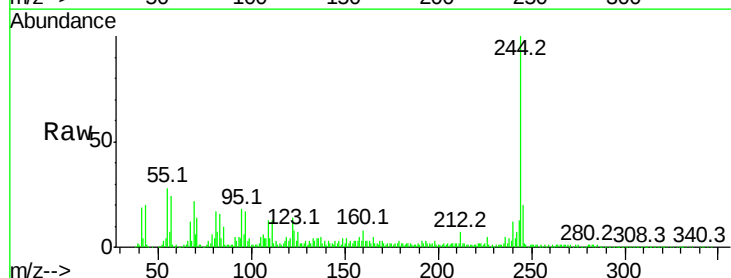
Tgt Ion:244 Resp: 540539

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

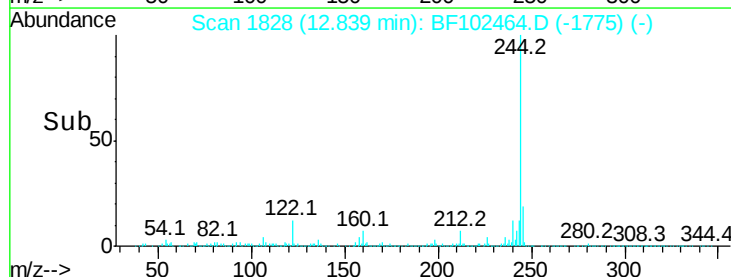
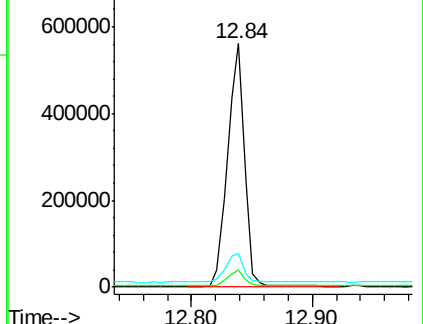
122 13.7 11.0 16.4

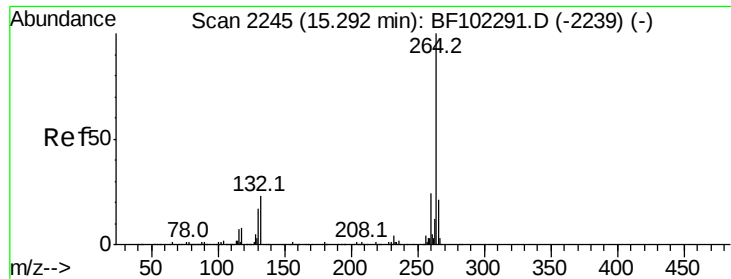


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

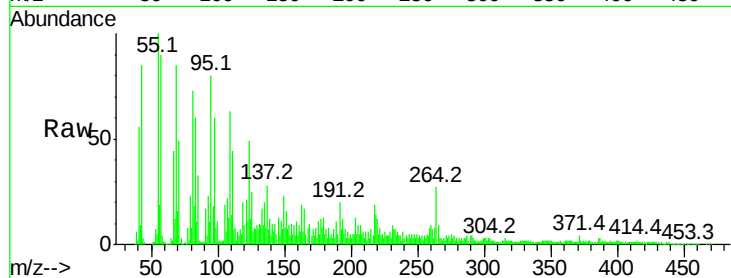




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.11 min
Lab File: BF102464.D
Acq: 26 Jan 2018 13:18

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW4-8)RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	34.0	19.2	28.8#
265	32.3	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

