

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105173.D
 Acq On : 9 May 2018 4:44
 Operator : JU/SJ
 Sample : PB108302BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108302BL

Quant Time: May 09 12:01:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 09 12:00:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	245267	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	993309	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	492394	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	986331	20.00	ng	0.00
75) Chrysene-d12	14.01	240	867862	20.00	ng	0.02
86) Perylene-d12	15.56	264	783155	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1207184	81.09	ng	0.01
7) Phenol-d6	6.42	99	1478147	83.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	1316289	89.81	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	467489	86.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2408547	75.92	ng	0.00
78) Terphenyl-d14	12.92	244	2674664	71.59	ng	0.01

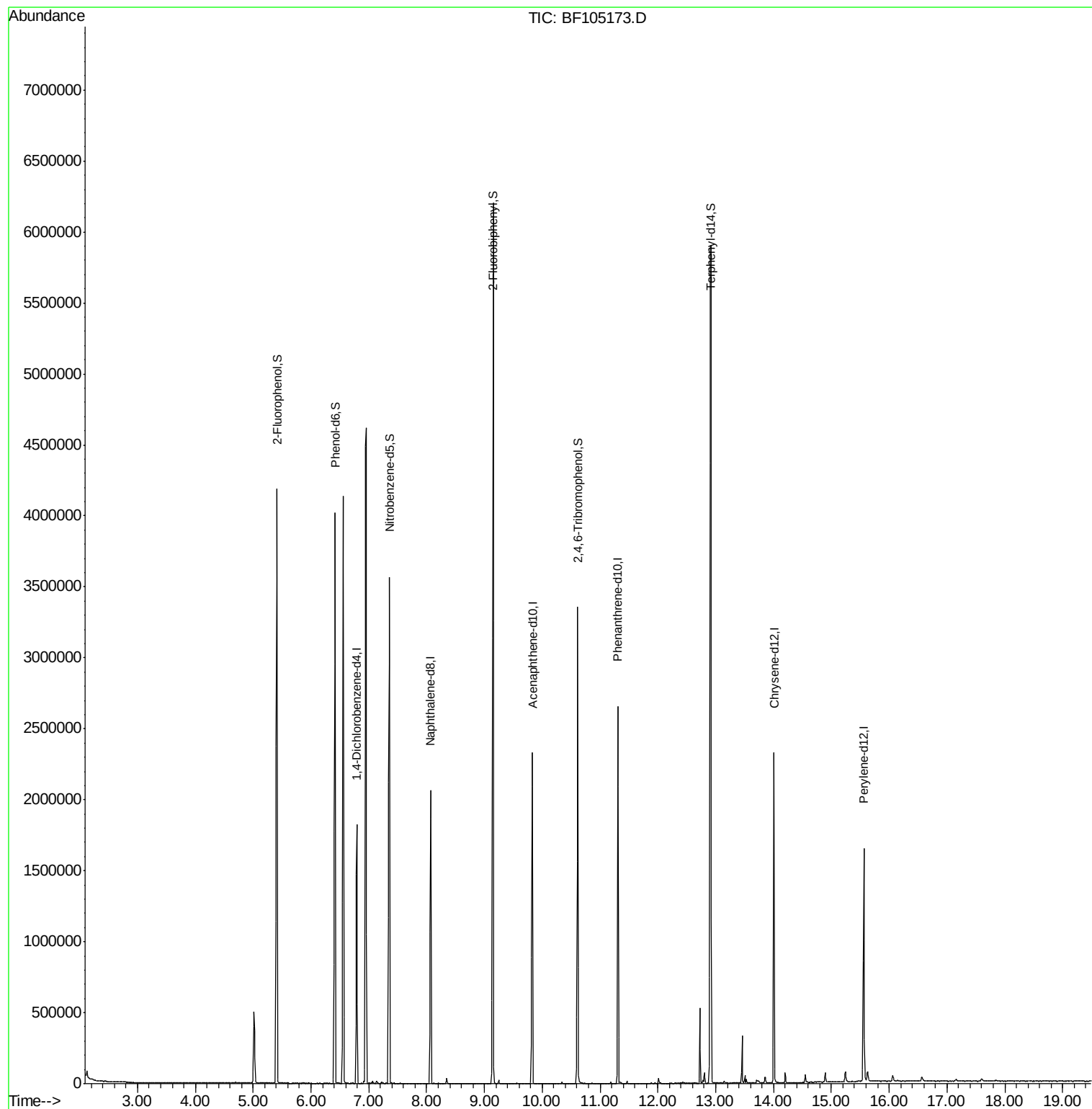
Target Compounds Qvalue

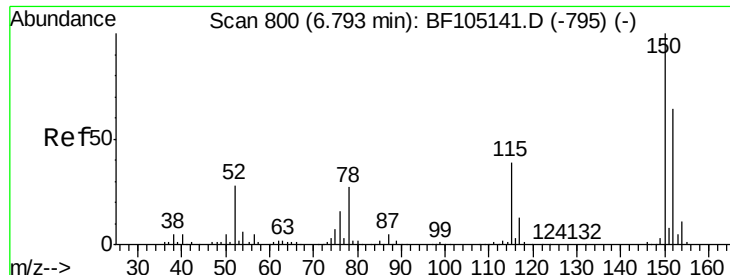
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF105173.D

Acq: 9 May 2018 4:44

Instrument :

BNA_F

ClientSampleId :

PB108302BL

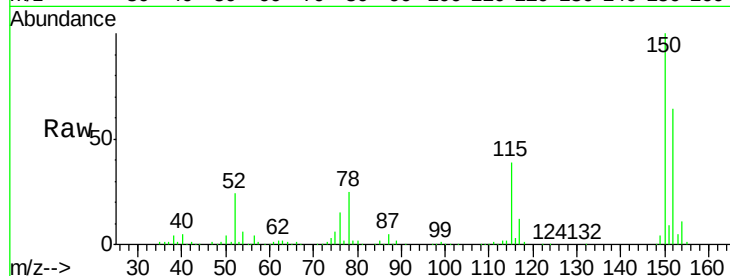
Tot Ion:152 Resp: 245267

Ion Ratio Lower Upper

152 100

150 157.0 124.6 186.8

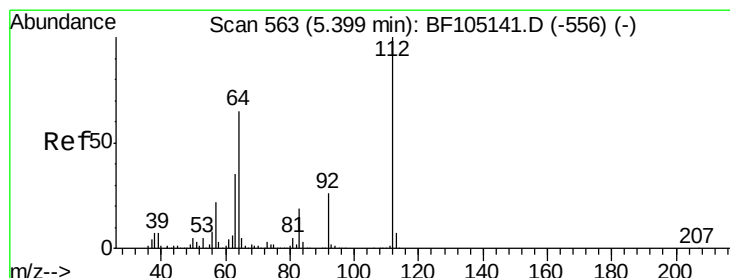
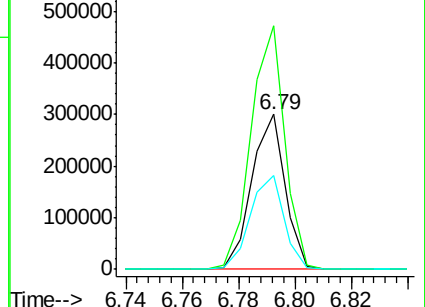
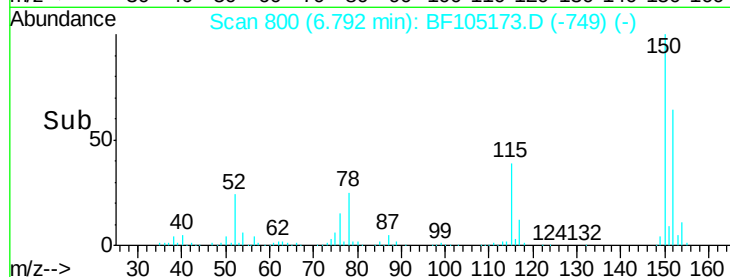
115 60.9 50.1 75.1



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: 81.085 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105173.D

Acq: 9 May 2018 4:44

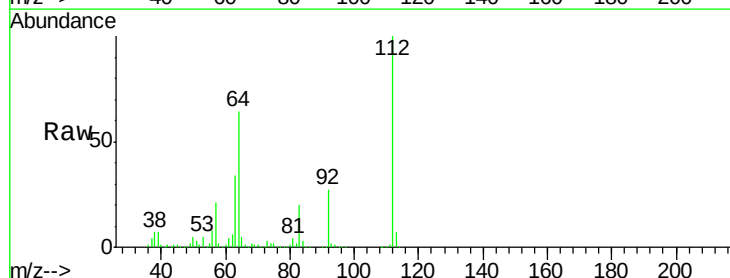
Tgt Ion:112 Resp: 1207184

Ion Ratio Lower Upper

112 100

64 64.0 47.9 71.9

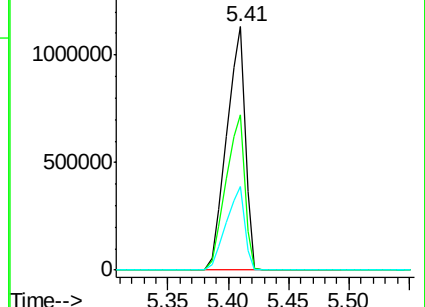
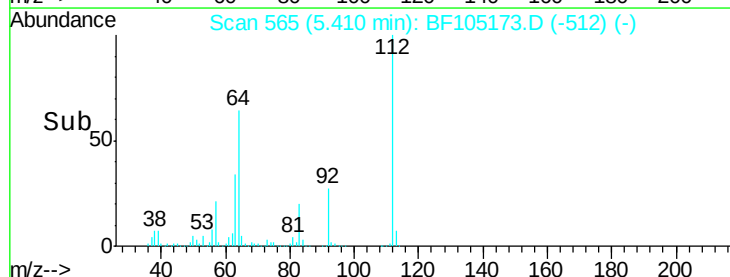
63 34.3 23.7 35.5

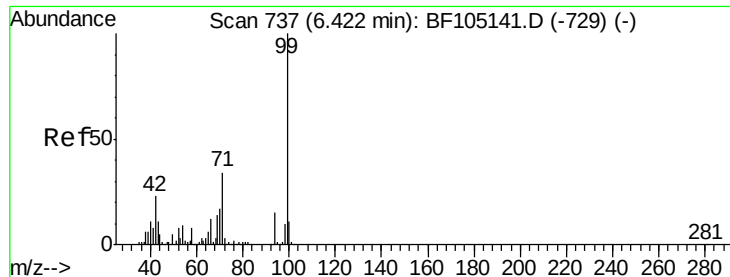


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.384 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105173.D

Acq: 9 May 2018 4:44

Instrument :

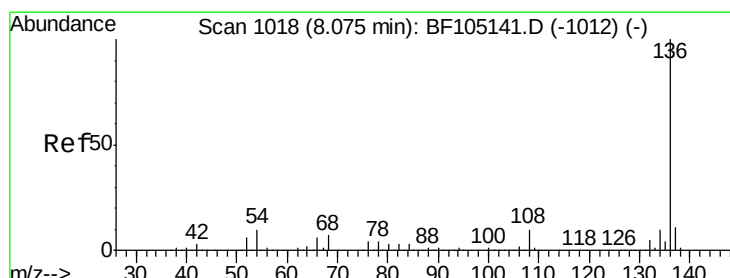
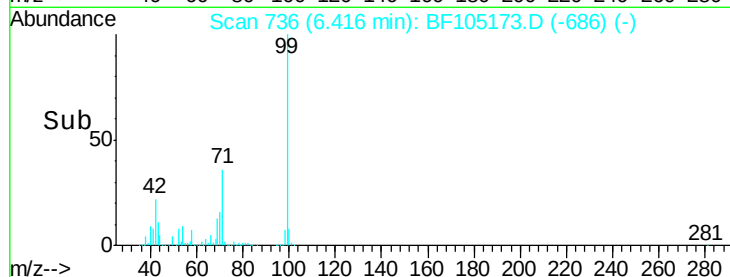
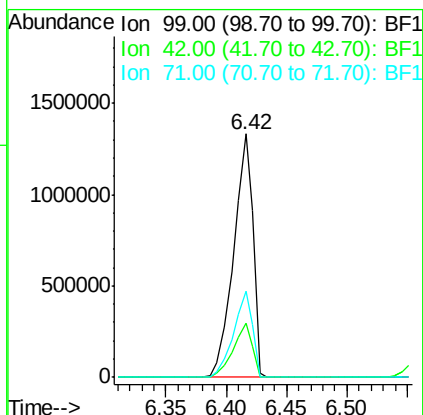
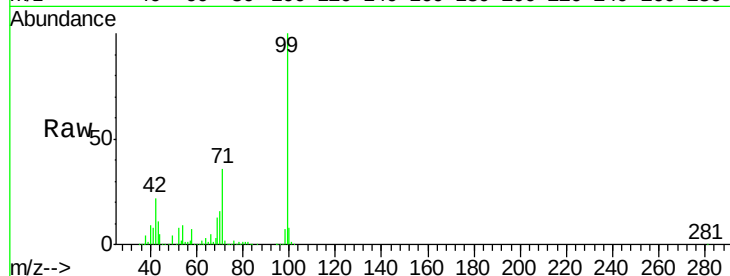
BNA_F

ClientSampleId :

PB108302BL

Tot Ion: 99 Resp: 1478147

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	35.6	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

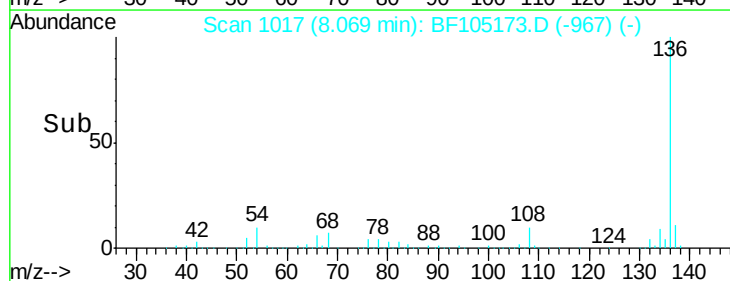
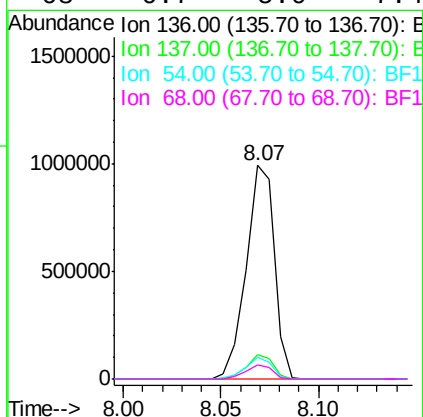
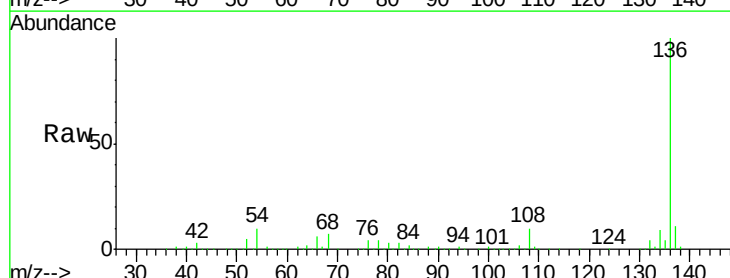
Delta R.T. -0.01 min

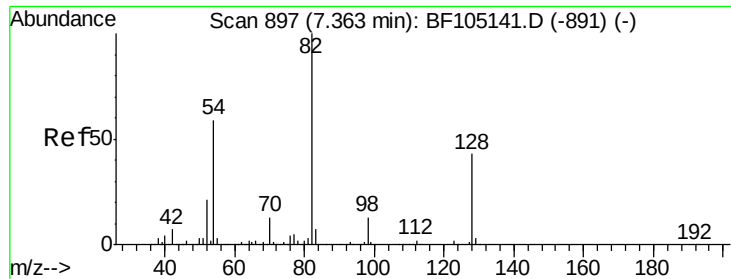
Lab File: BF105173.D

Acq: 9 May 2018 4:44

Tgt Ion: 136 Resp: 993309

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.0	6.6	9.8#
68	6.7	5.0	7.4



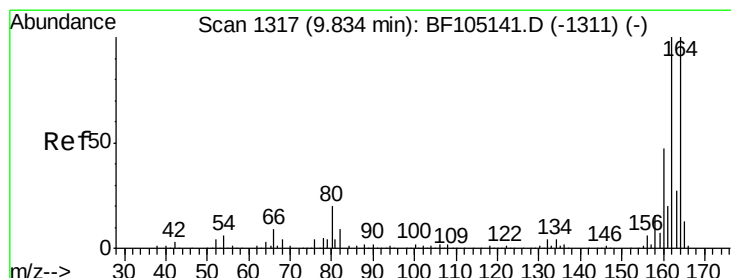
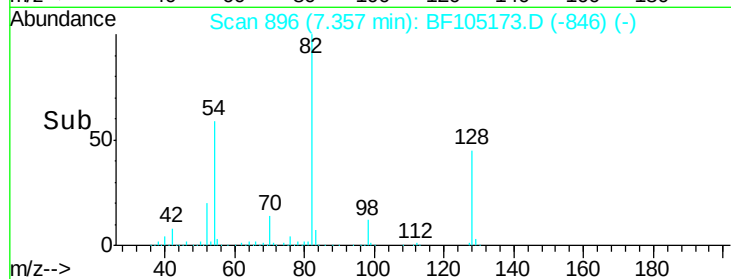
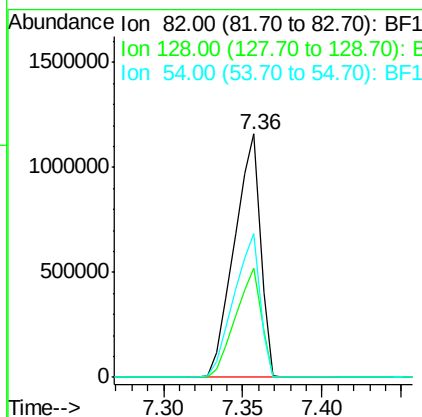
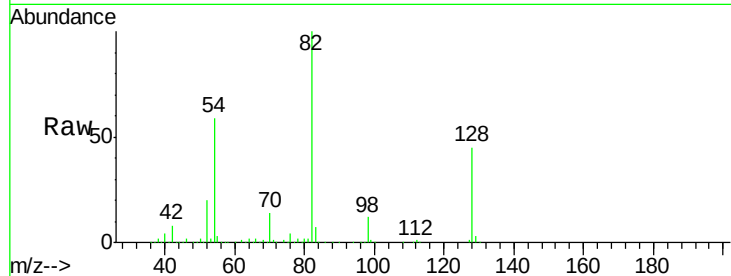


#23
 Nitrobenzene-d5
 Concen: 89.811 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105173.D
 Acq: 9 May 2018 4:44

Instrument :
 BNA_F
 ClientSampleId :
 PB108302BL

Tot Ion: 82 Resp: 1316289

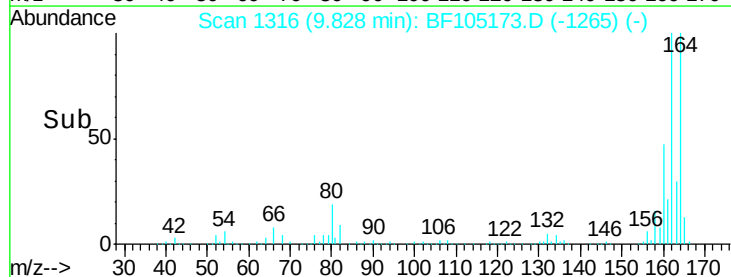
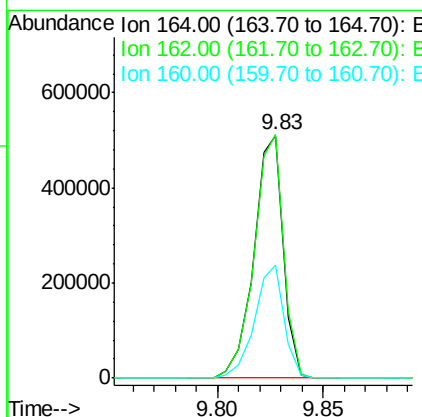
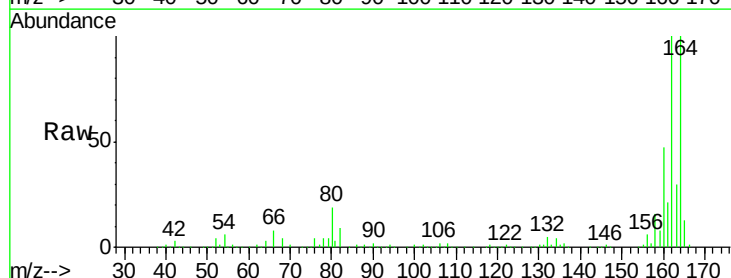
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	59.1	41.4	62.2

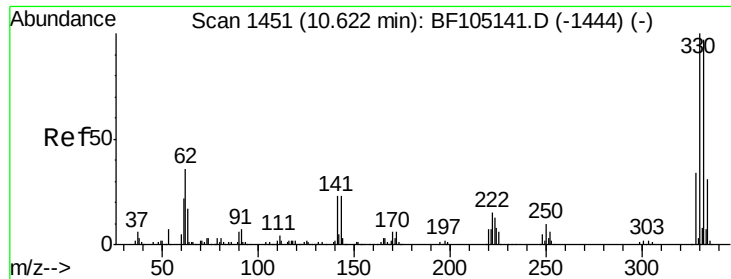


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF105173.D
 Acq: 9 May 2018 4:44

Tgt Ion: 164 Resp: 492394

Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	46.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 86.055 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF105173.D

Acq: 9 May 2018 4:44

Instrument :

BNA_F

ClientSampleId :

PB108302BL

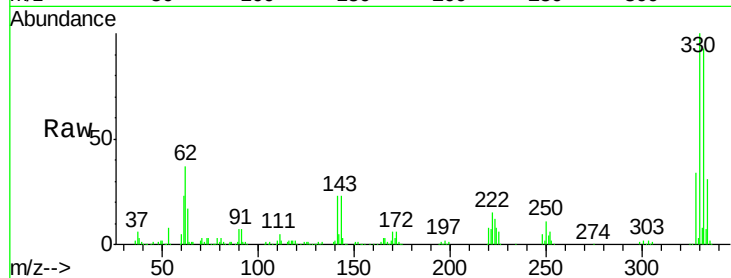
Tot Ion:330 Resp: 467489

Ion Ratio Lower Upper

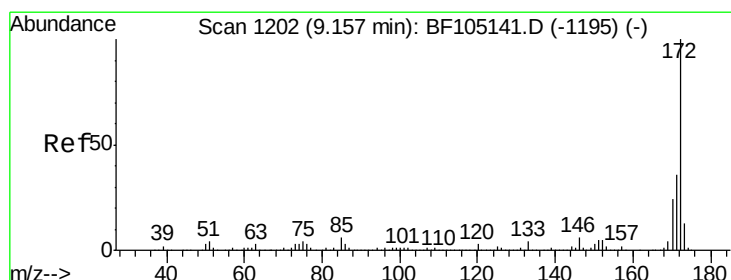
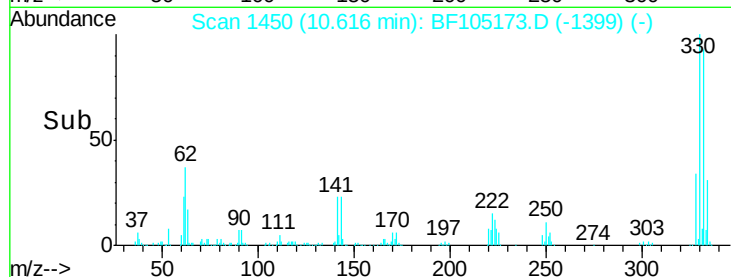
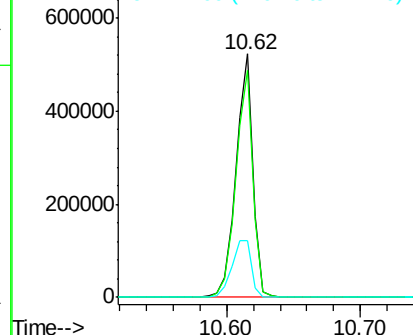
330 100

332 95.1 77.0 115.6

141 27.5 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: 75.921 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF105173.D

Acq: 9 May 2018 4:44

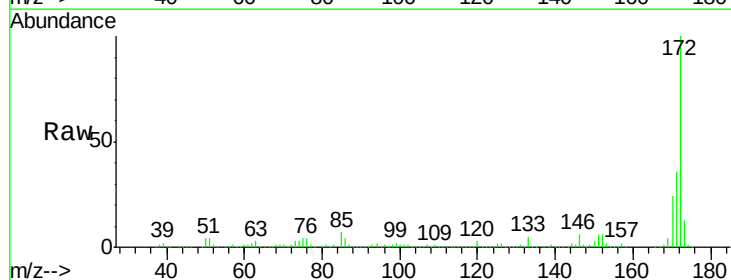
Tgt Ion:172 Resp: 2408547

Ion Ratio Lower Upper

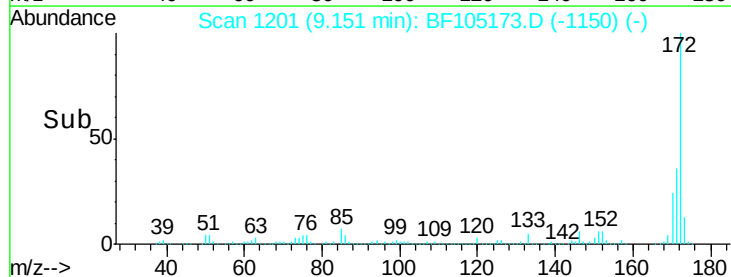
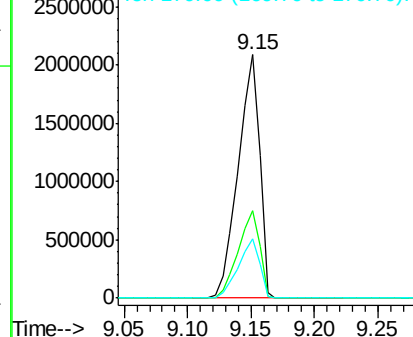
172 100

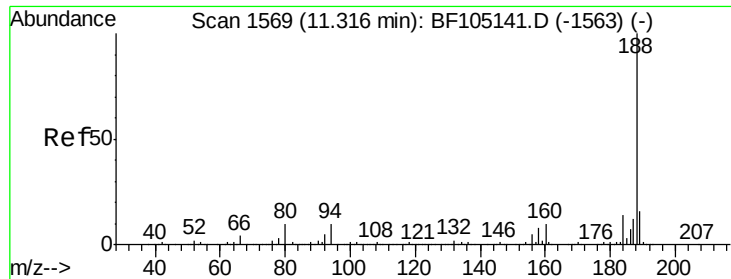
171 36.0 29.7 44.5

170 24.3 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

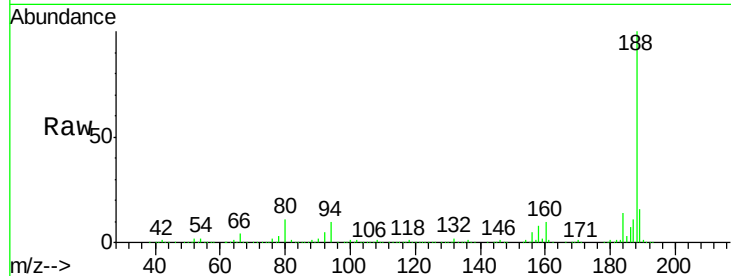




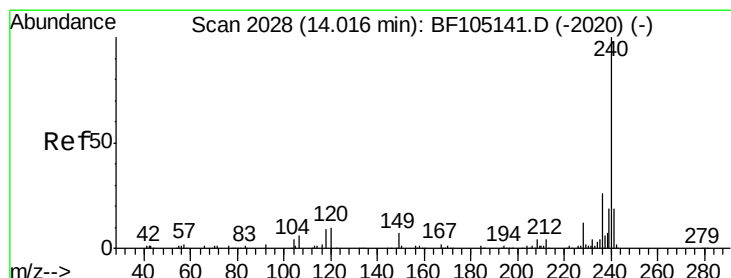
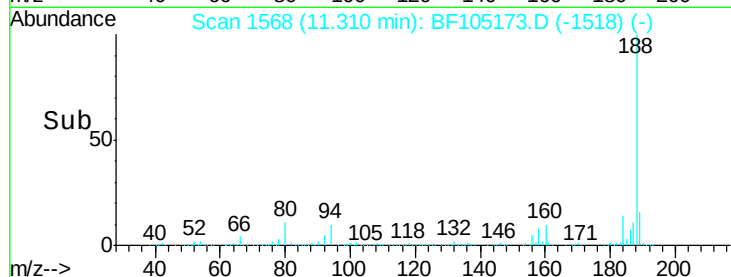
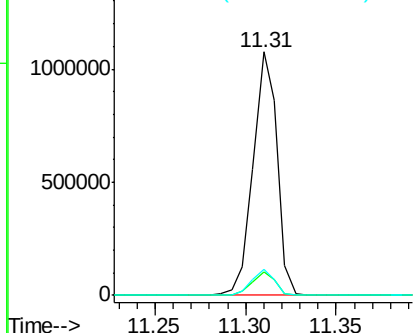
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105173.D
Acq: 9 May 2018 4:44

Instrument :
BNA_F
ClientSampled :
PB108302BL

Tot Ion:188 Resp: 986331
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.6 9.2 13.8

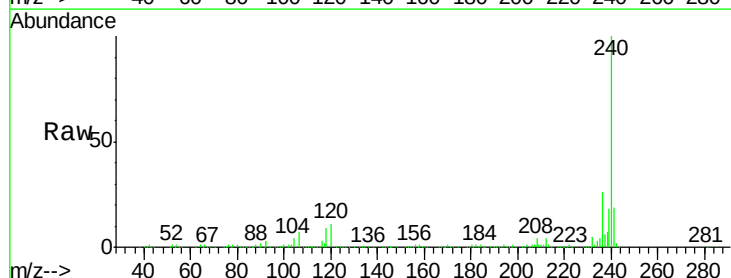


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

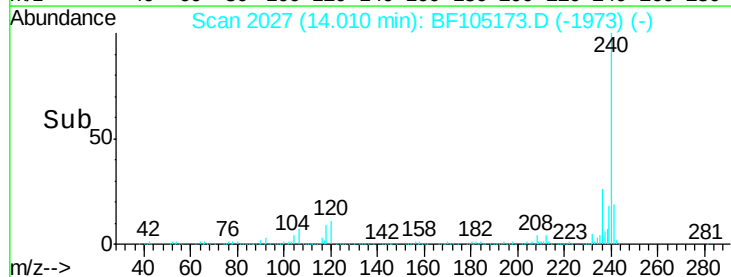
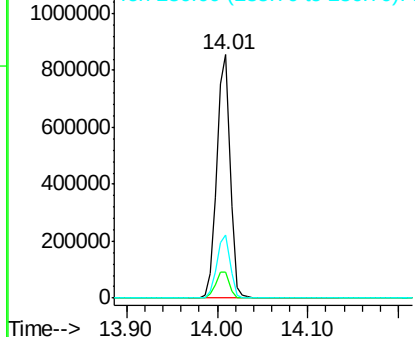


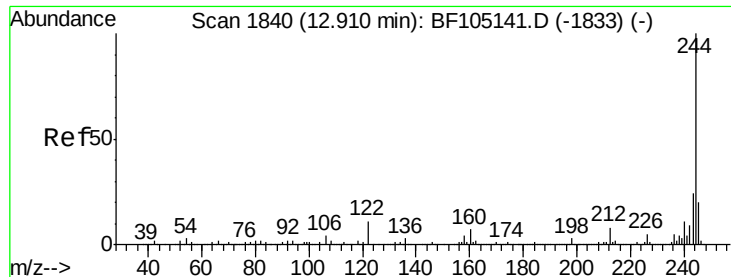
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF105173.D
Acq: 9 May 2018 4:44

Tgt Ion:240 Resp: 867862
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.0 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: 71.588 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF105173.D

Acq: 9 May 2018 4:44

Instrument :

BNA_F

ClientSampleId :

PB108302BL

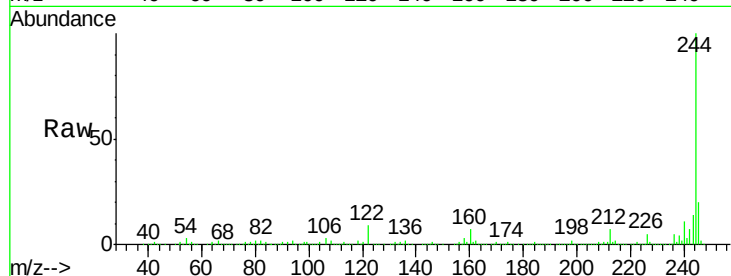
Tot Ion:244 Resp: 2674664

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

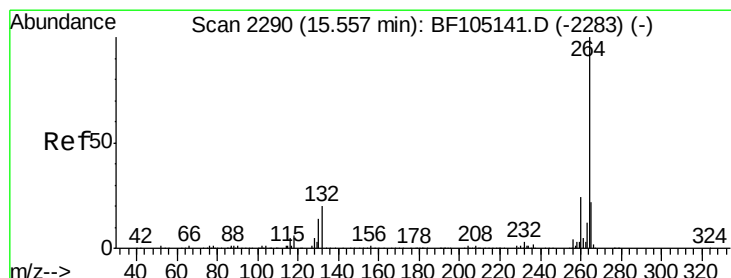
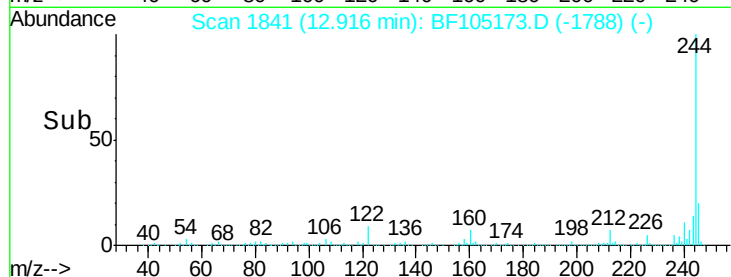
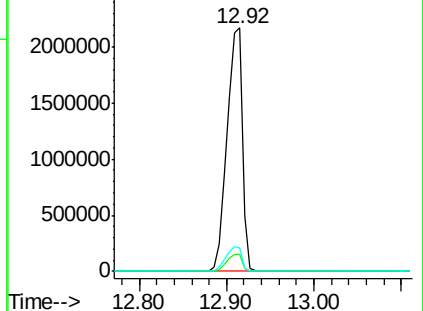
122 9.5 11.0 16.4#



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: 15.56 min Scan# 2291

Delta R.T. 0.06 min

Lab File: BF105173.D

Acq: 9 May 2018 4:44

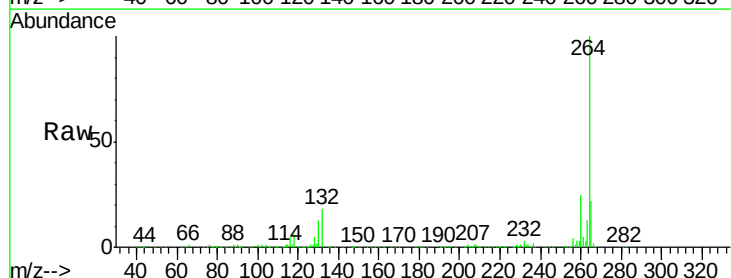
Tgt Ion:264 Resp: 783155

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.8 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

