

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105174.D
 Acq On : 9 May 2018 5:10
 Operator : JU/SJ
 Sample : PB108327BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BL

Quant Time: May 09 12:03:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	202700	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	825947	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	398053	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	804086	20.00	ng	0.00
75) Chrysene-d12	13.99	240	706044	20.00	ng	-0.02
86) Perylene-d12	15.52	264	619120	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1538957	125.08	ng	0.01
7) Phenol-d6	6.42	99	1849124	126.22	ng	0.00
23) Nitrobenzene-d5	7.36	82	1181702	96.97	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	573908	130.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2158381	84.16	ng	0.00
78) Terphenyl-d14	12.91	244	2416770	79.51	ng	0.00

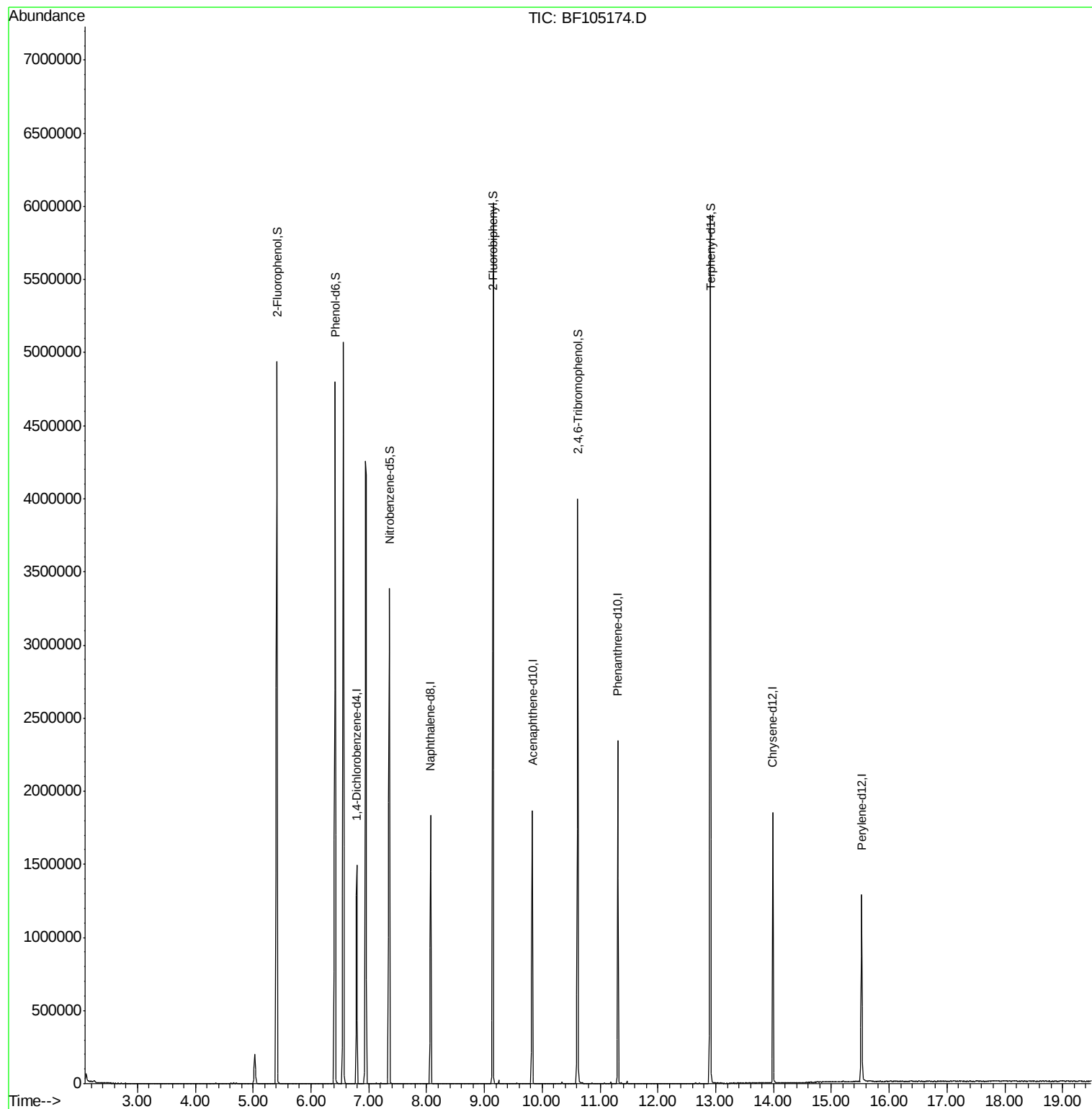
Target Compounds Qvalue

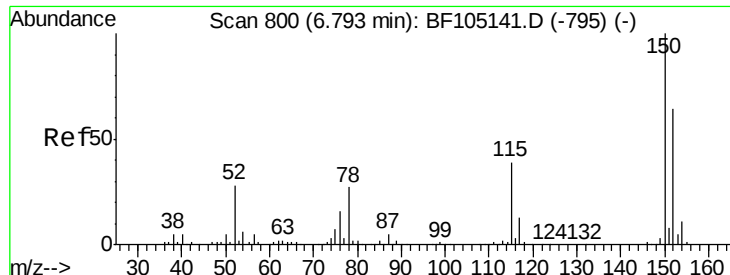
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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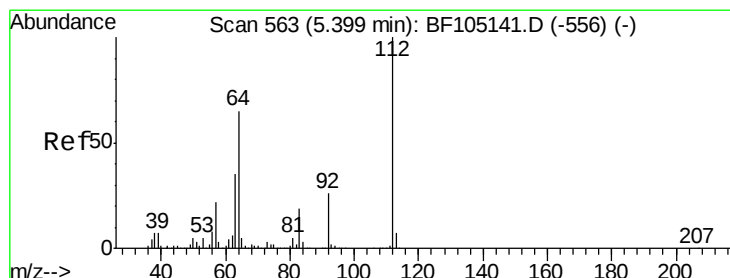
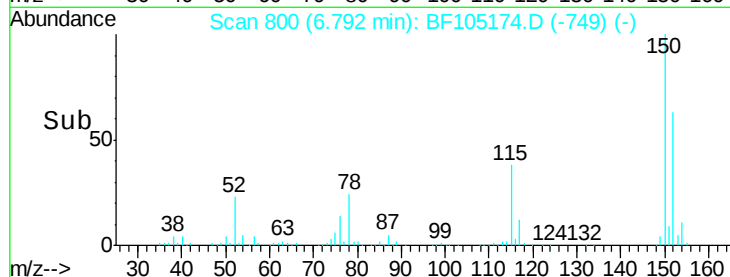
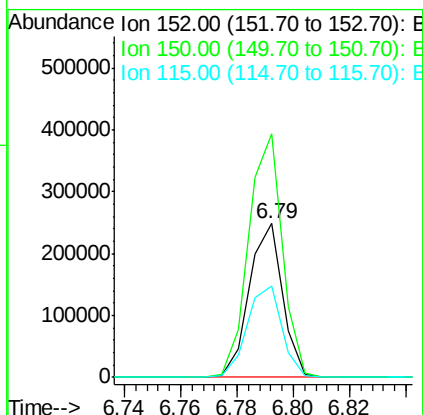
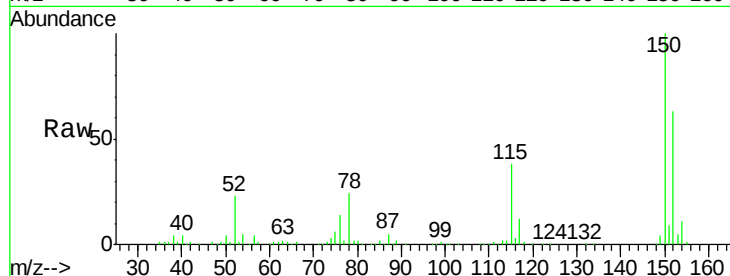


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :
PB108327BL

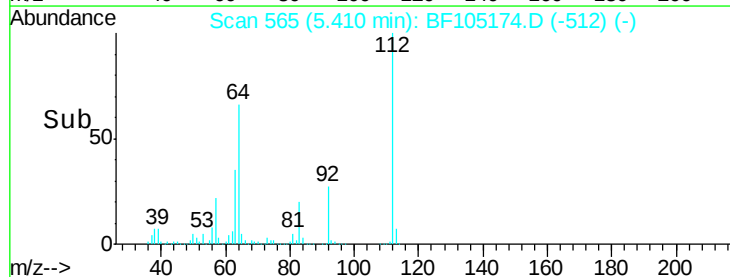
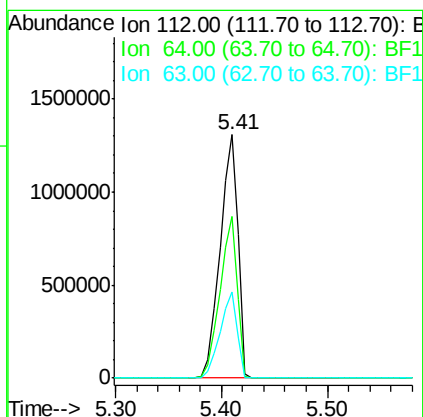
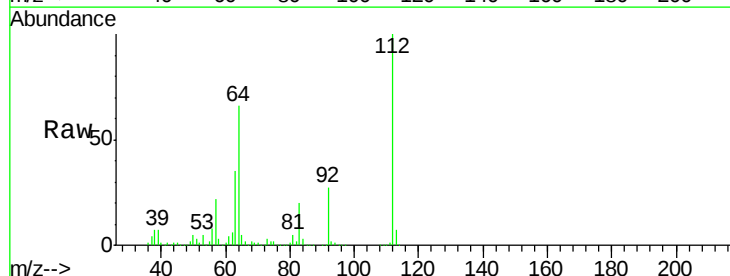
Tot Ion:152 Resp: 202700
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 59.6 50.1 75.1

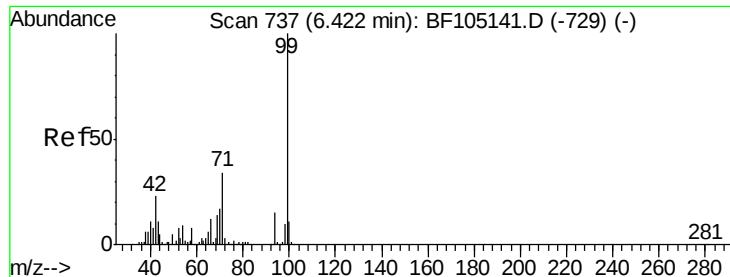


#5

2-Fluorophenol
Concen: 125.078 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:112 Resp: 1538957
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 35.2 23.7 35.5





#7

Phenol-d6

Concen: 126.217 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

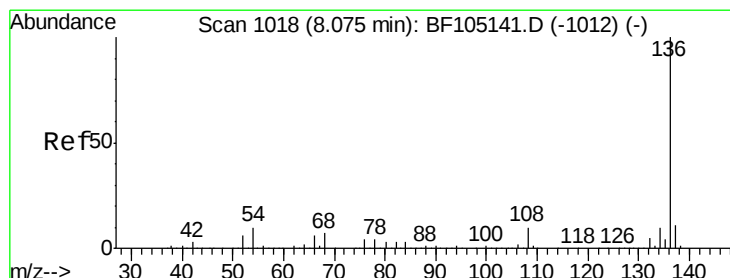
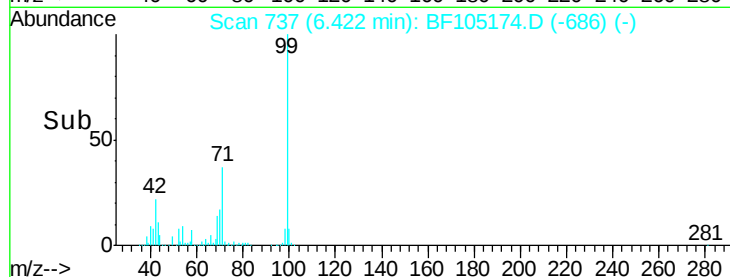
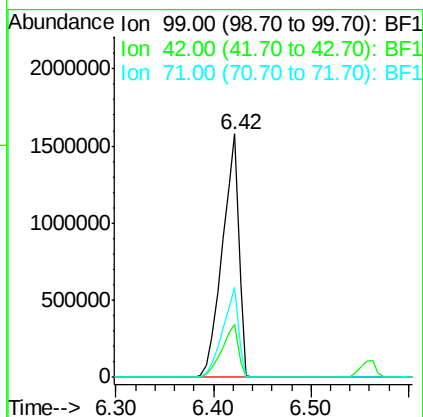
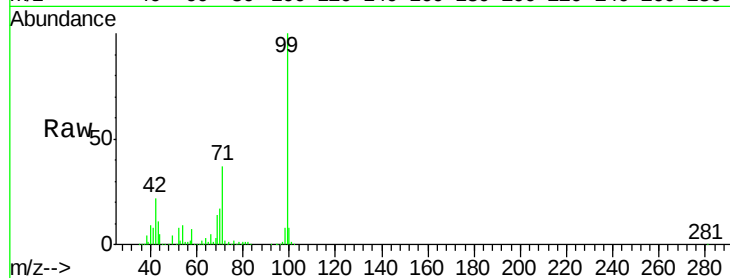
BNA_F

ClientSampleId :

PB108327BL

Tot Ion: 99 Resp: 1849124

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	36.7	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

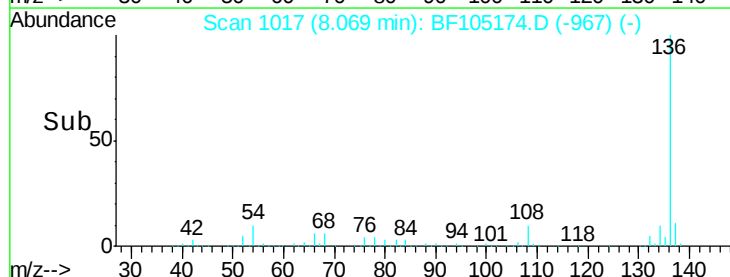
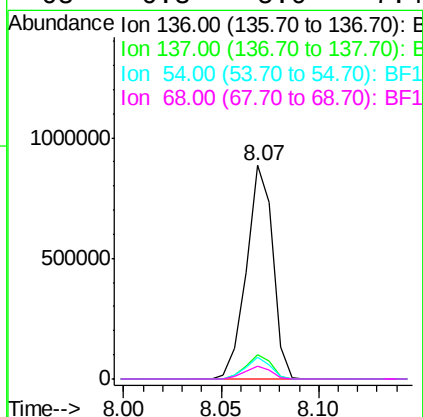
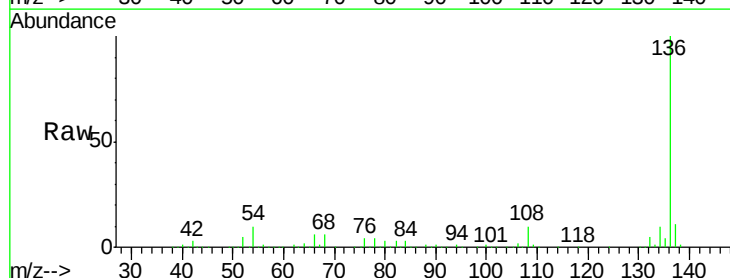
Delta R.T. -0.01 min

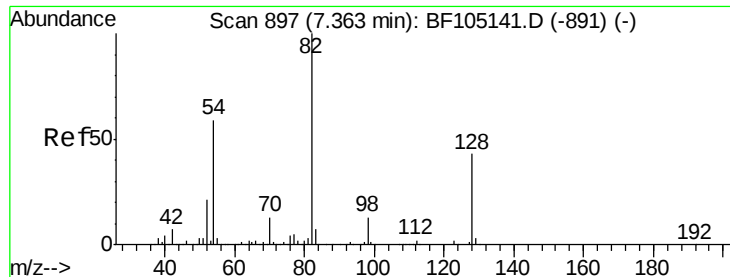
Lab File: BF105174.D

Acq: 9 May 2018 5:10

Tgt Ion: 136 Resp: 825947

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8#
68	6.3	5.0	7.4

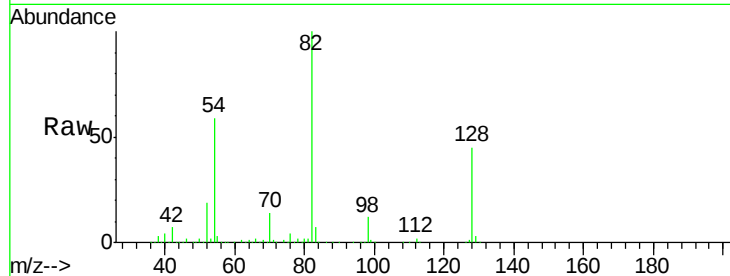




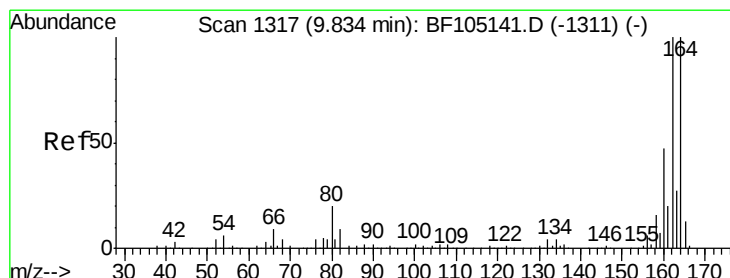
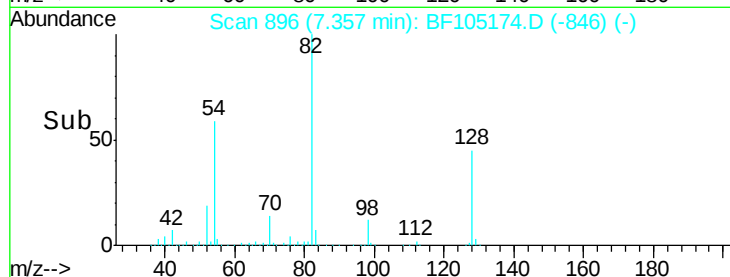
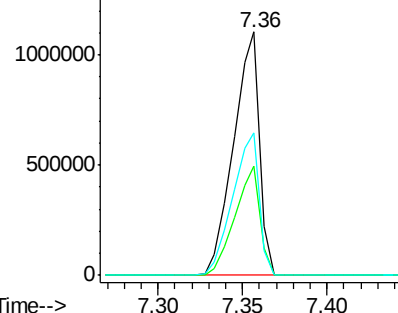
#23
Nitrobenzene-d5
Concen: 96.965 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :
PB108327BL

Tot Ion: 82 Resp: 1181702
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 58.6 41.4 62.2

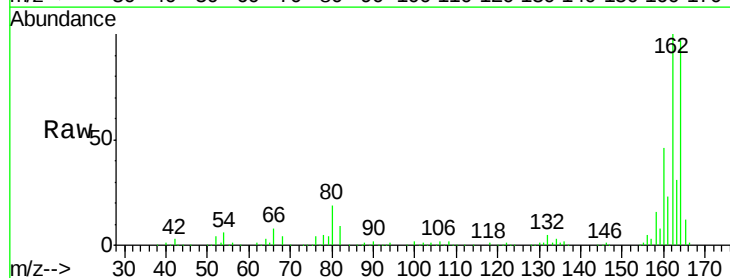


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

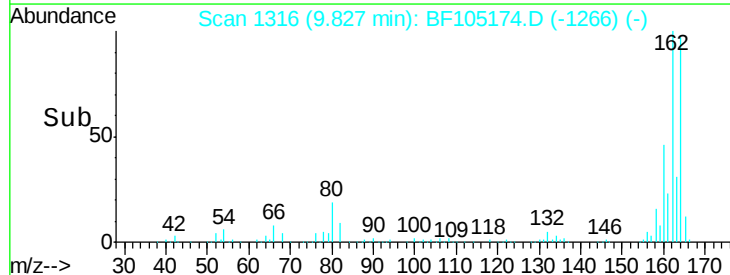
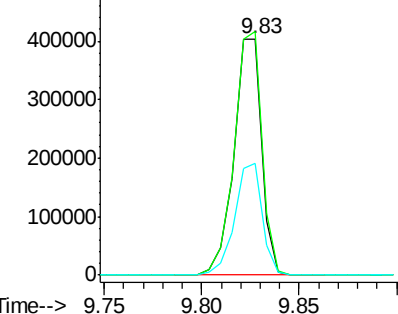


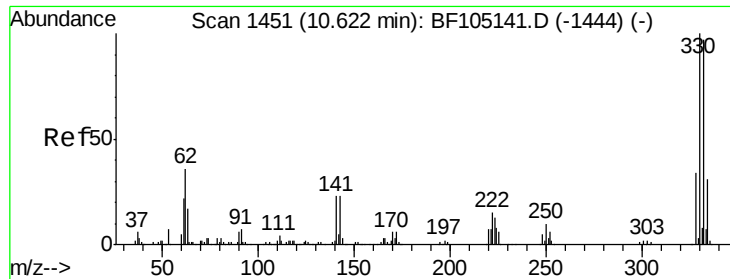
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 164 Resp: 398053
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 47.5 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

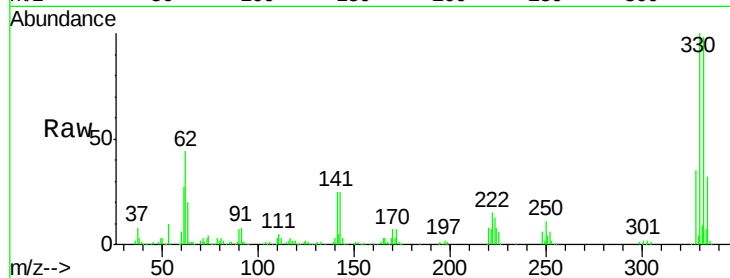




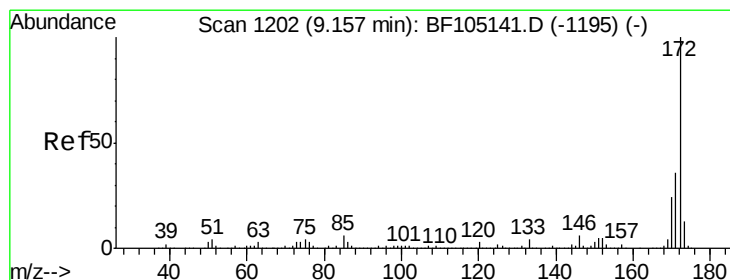
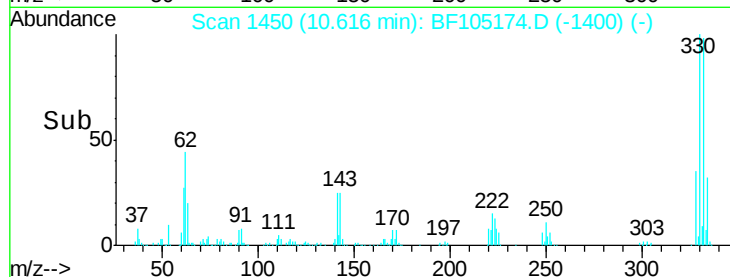
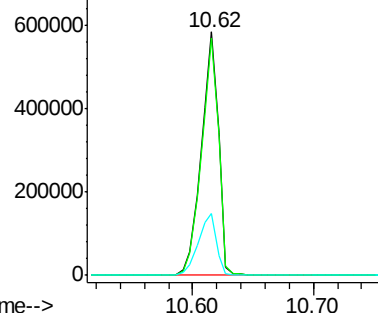
#41
 2,4,6-Tribromophenol
 Concen: 130.683 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	26.7	29.9	44.9

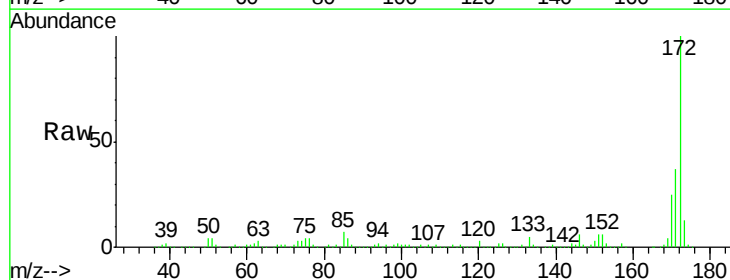


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

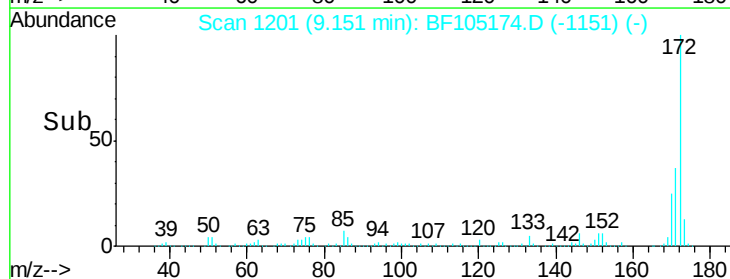
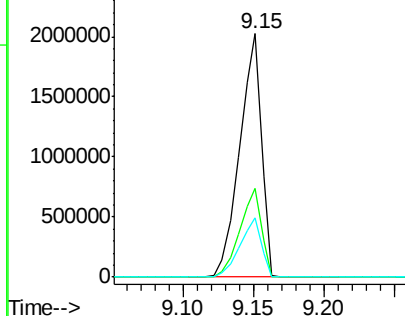


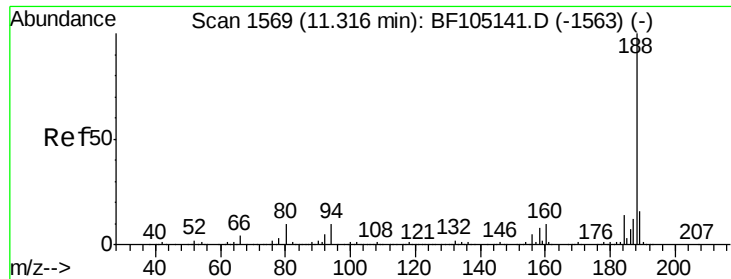
#44
 2-Fluorobiphenyl
 Concen: 84.160 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

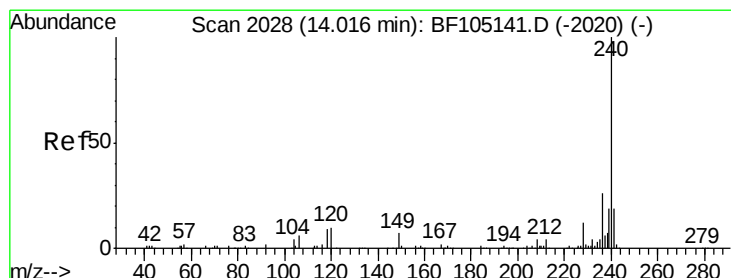
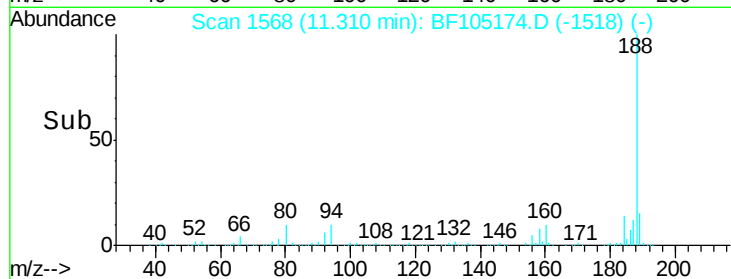
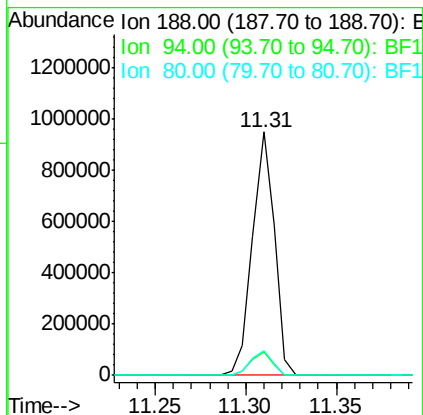
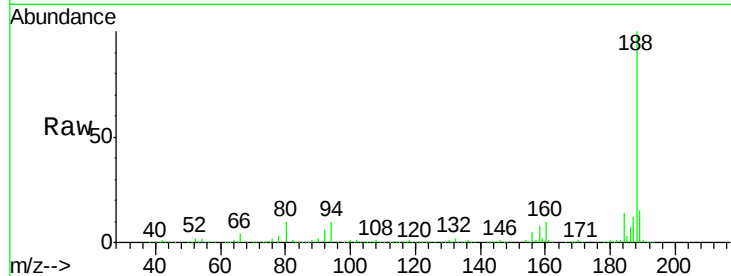




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

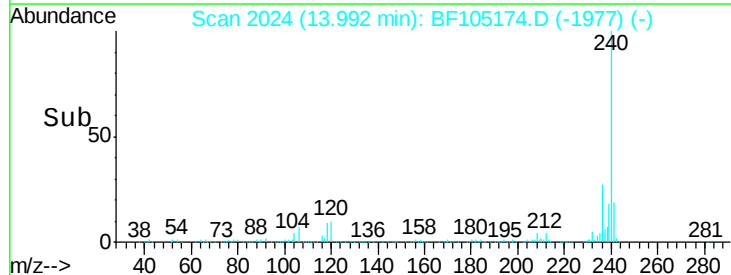
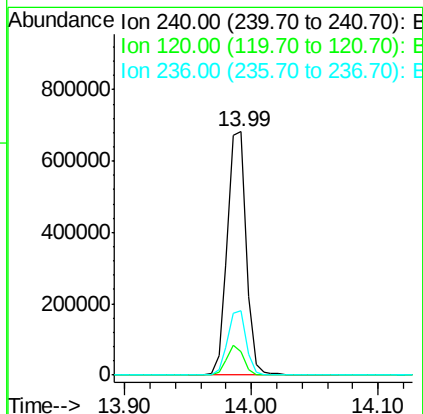
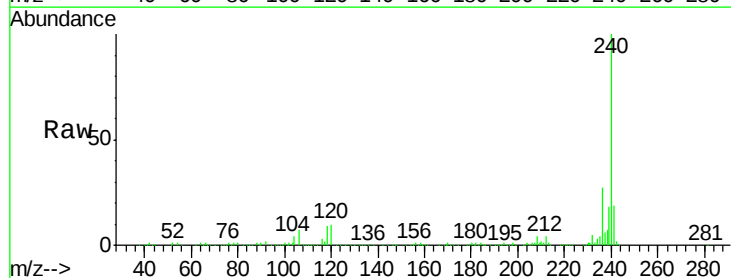
Instrument :
BNA_F
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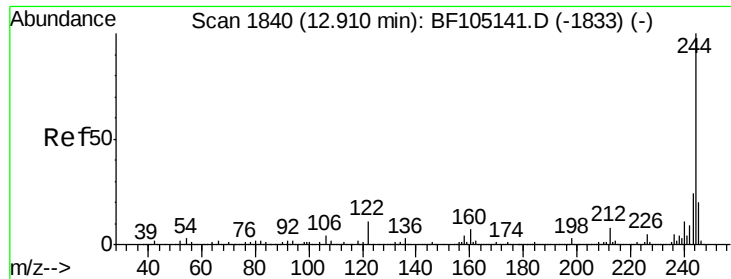
Tot Ion:188 Resp: 804086
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:240 Resp: 706044
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 26.6 20.7 31.1

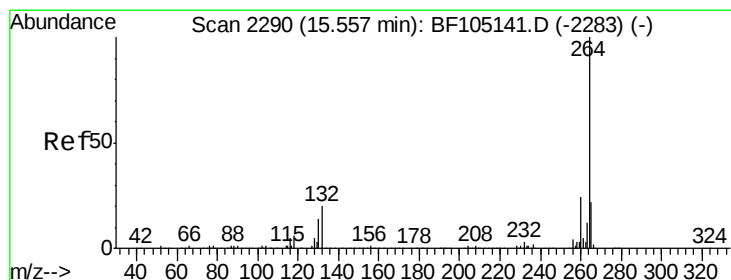
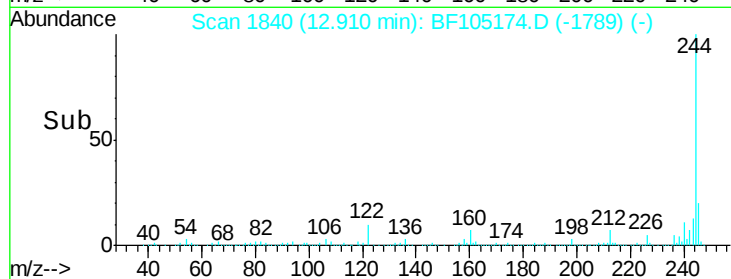
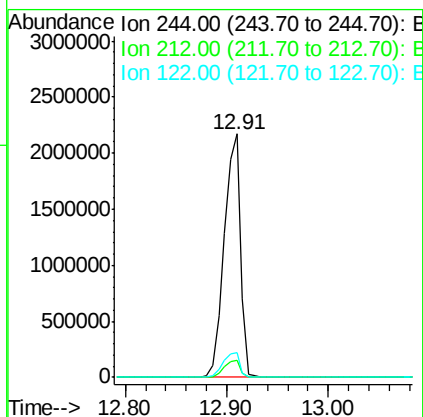
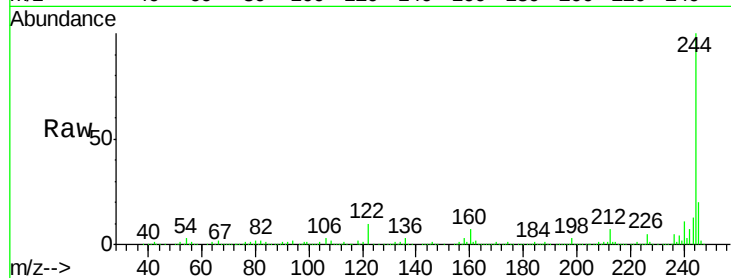




#78
 Terphenyl-d14
 Concen: 79.511 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Instrument :
 BNA_F
 ClientSampleID :
 PB108327BL

Tot Ion:244 Resp: 2416770
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.04 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Tgt Ion:264 Resp: 619120
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.1 17.5 26.3

