

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105045.D
 Acq On : 2 May 2018 21:36
 Operator : JU/SJ
 Sample : PB108763BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

Quant Time: May 03 08:55:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	78424	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	327621	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	145634	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	245935	20.00	ng	0.00
75) Chrysene-d12	14.00	240	191031	20.00	ng	-0.03
86) Perylene-d12	15.54	264	146844	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	627483	122.34	ng	0.00
7) Phenol-d6	6.43	99	752208	119.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	451193	89.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	175486	116.16	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	867230	94.07	ng	0.00
78) Terphenyl-d14	12.91	244	766189	91.44	ng	0.00

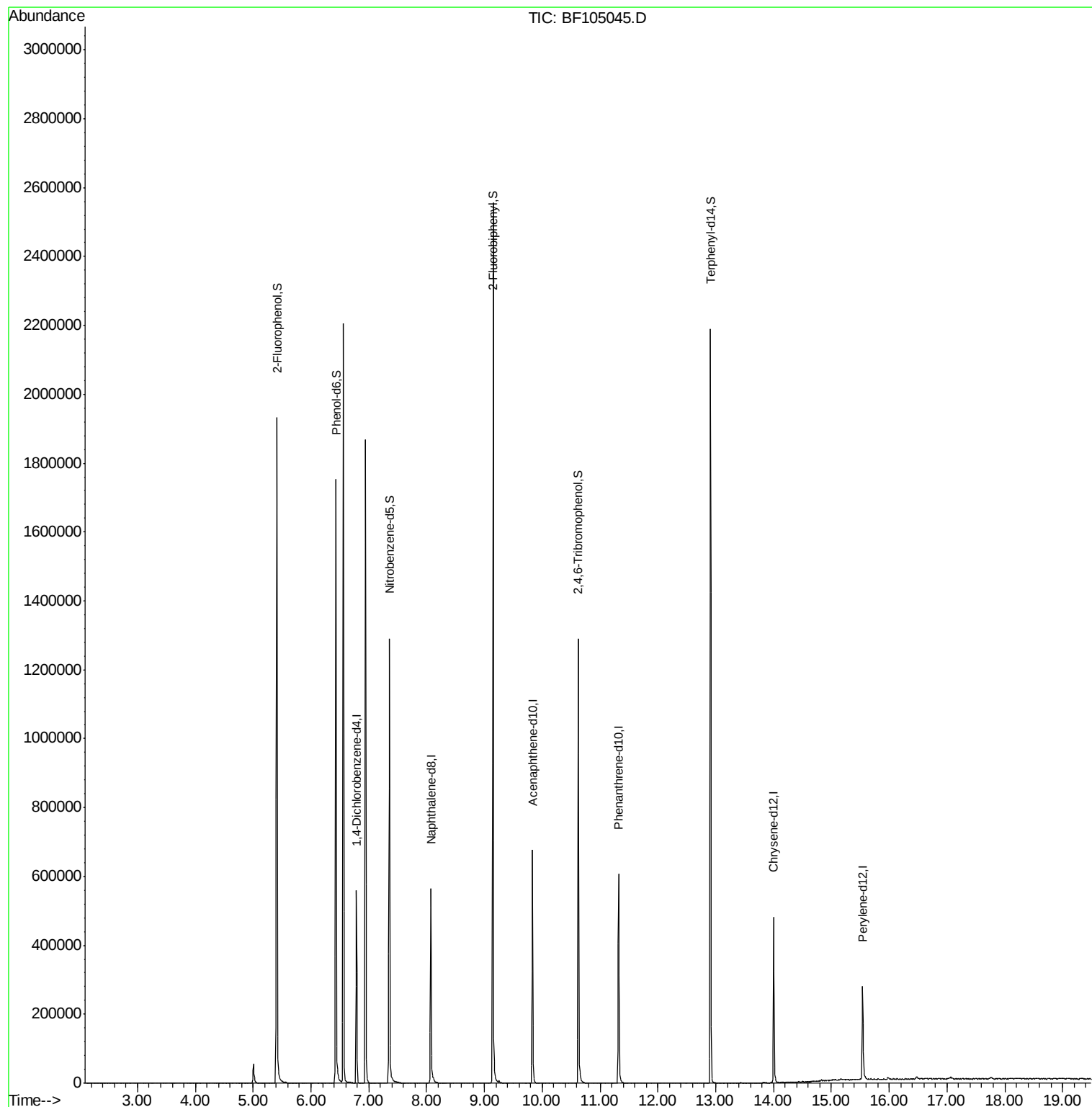
Target Compounds Qvalue

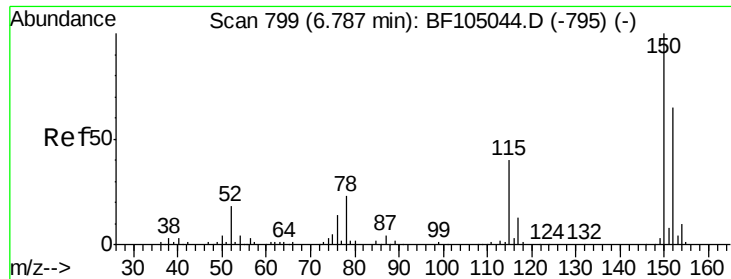
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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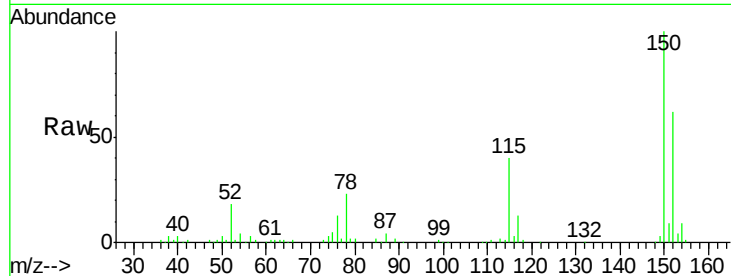


#1

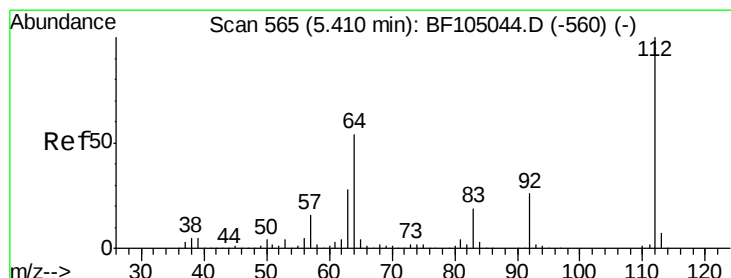
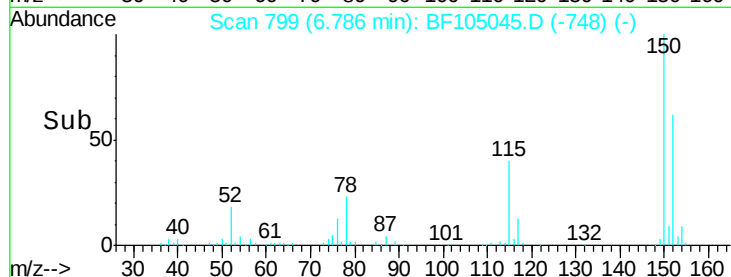
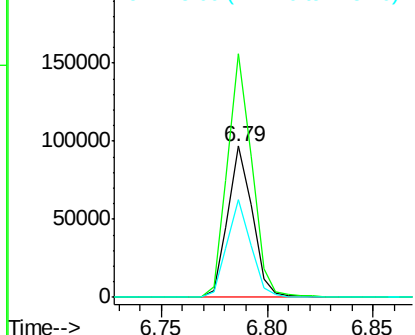
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

Tot Ion:152 Resp: 78424
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.6 186.8
 115 65.0 50.1 75.1



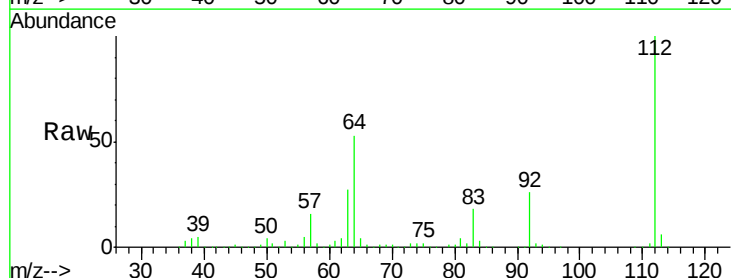
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



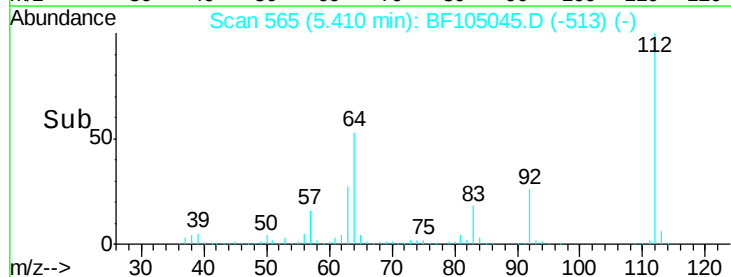
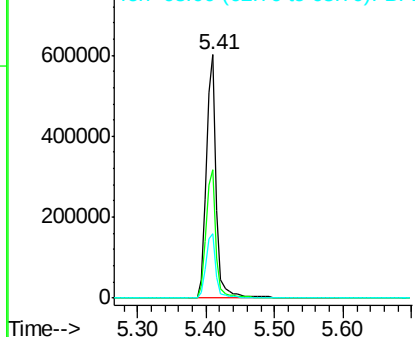
#5

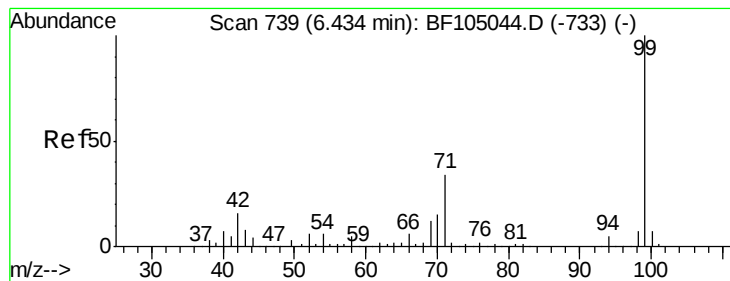
2-Fluorophenol
 Concen: 122.342 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Tgt Ion:112 Resp: 627483
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 26.6 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: 119.365 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105045.D

Acq: 2 May 2018 21:36

Instrument :

BNA_F

ClientSampleId :

PB108763BL

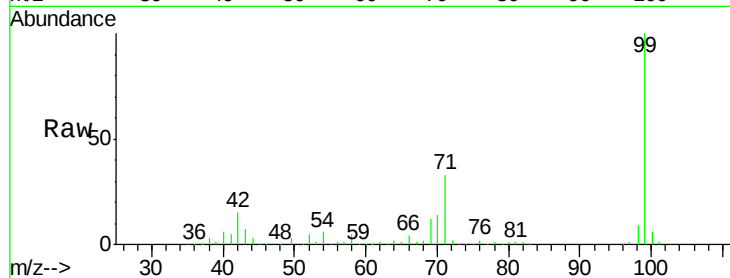
Tot Ion: 99 Resp: 752208

Ion Ratio Lower Upper

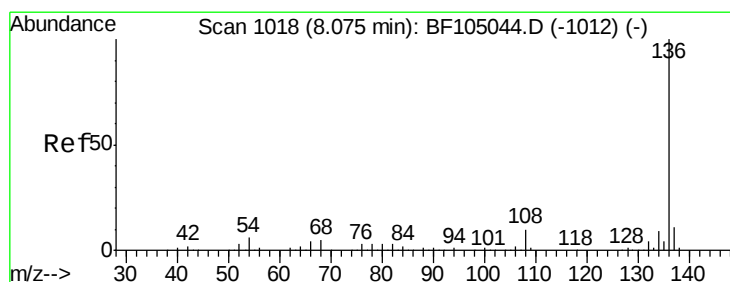
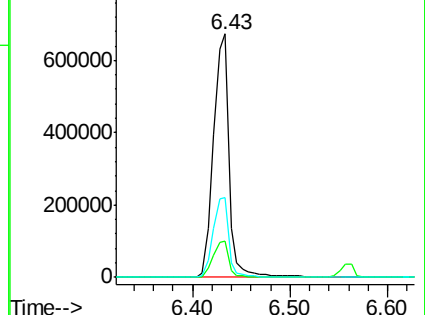
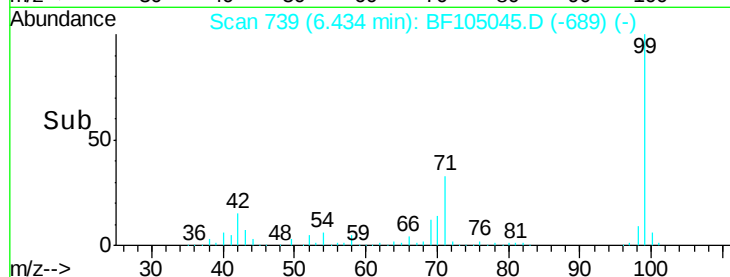
99 100

42 14.9 14.5 21.7

71 32.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105045.D

Acq: 2 May 2018 21:36

Tgt Ion: 136 Resp: 327621

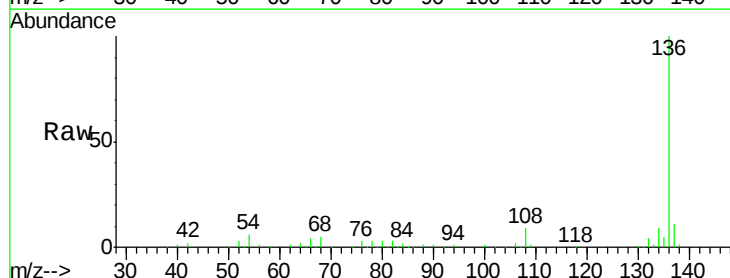
Ion Ratio Lower Upper

136 100

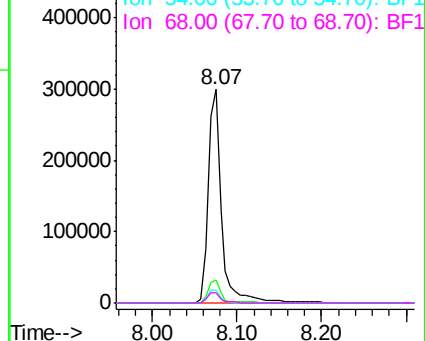
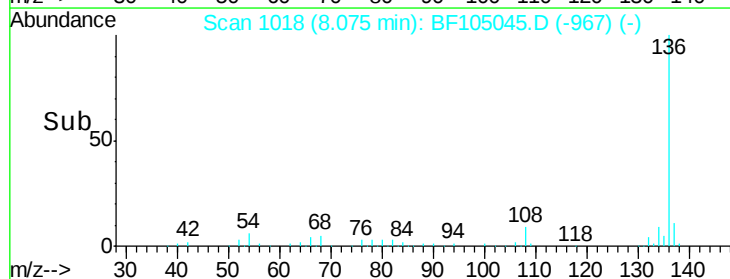
137 11.1 8.9 13.3

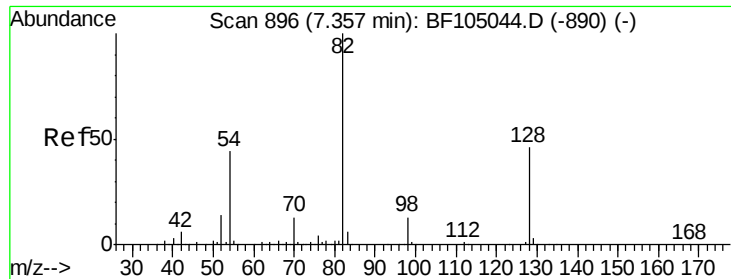
54 6.0 6.6 9.8#

68 5.0 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

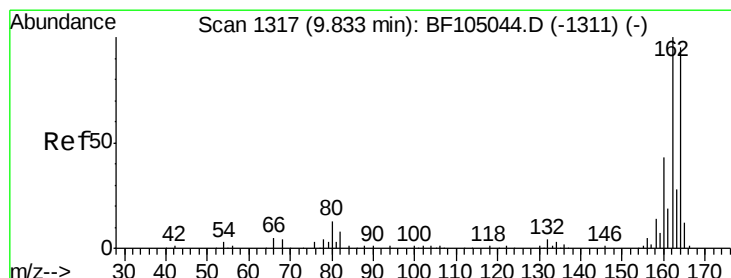
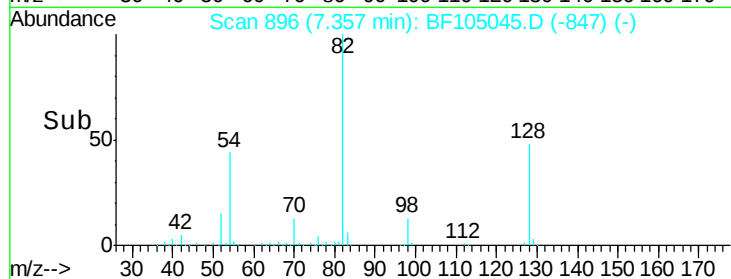
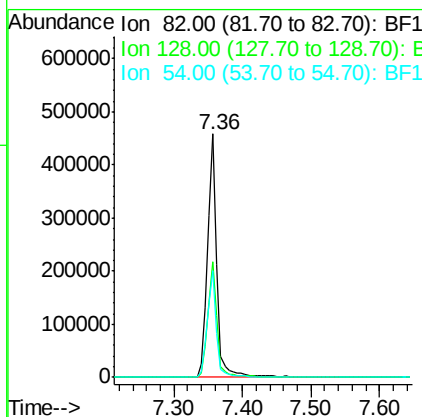
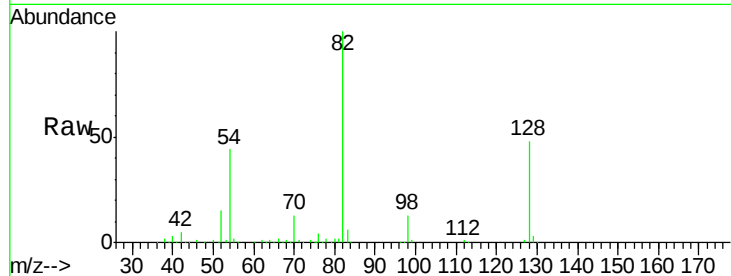




#23
 Nitrobenzene-d5
 Concen: 89.927 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

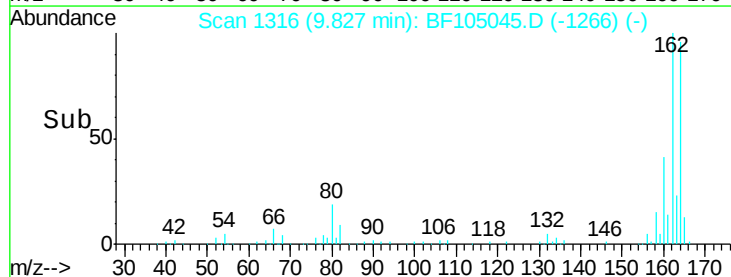
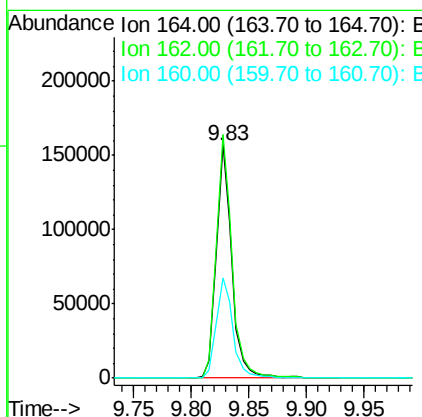
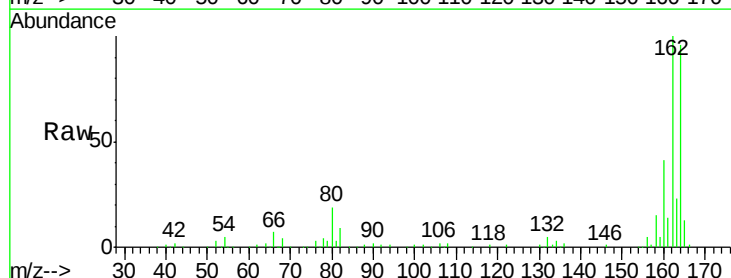
Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

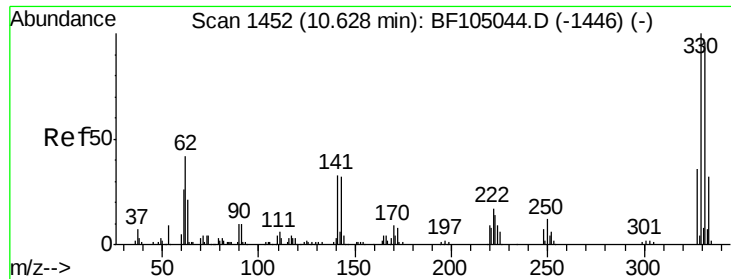
Tot Ion	82	Resp	451193
Ion Ratio	100		
Lower		36.1	
Upper		54.1	
128	47.7		
54	43.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Tgt Ion	164	Resp	145634
Ion Ratio	100		
Lower		86.1	
Upper		129.1	
162	104.5		
160	43.2	38.3	57.5

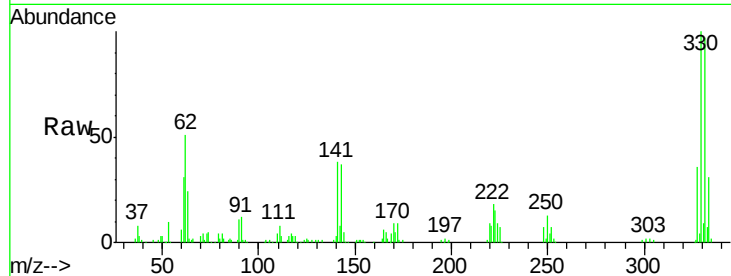




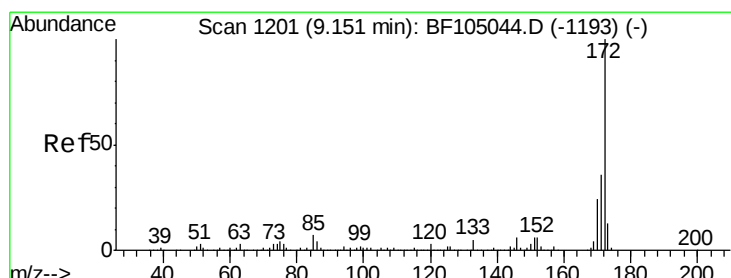
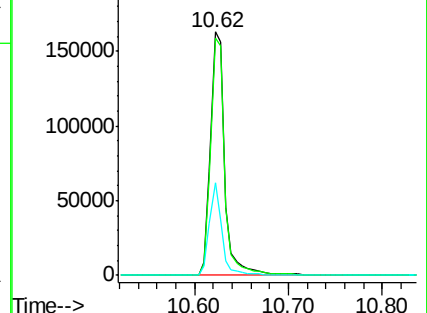
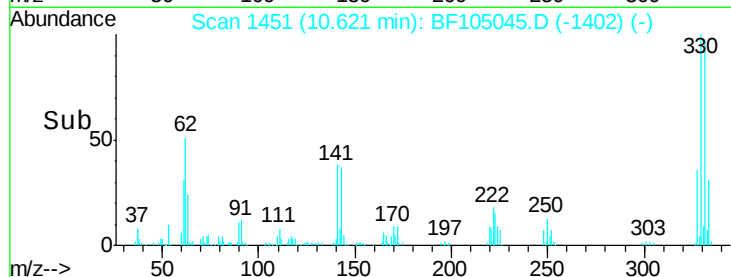
#41
 2,4,6-Tribromophenol
 Concen: 116.162 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB108763BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.2	29.9	44.9

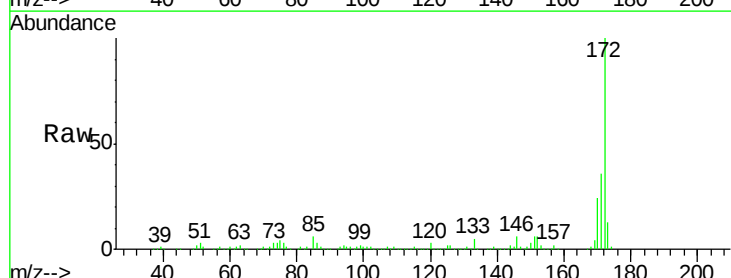


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

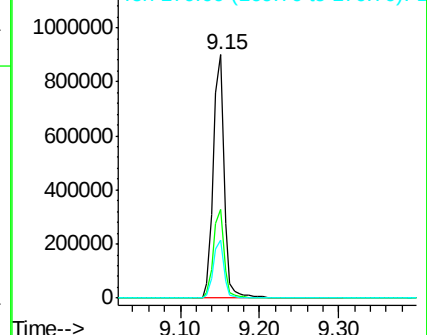
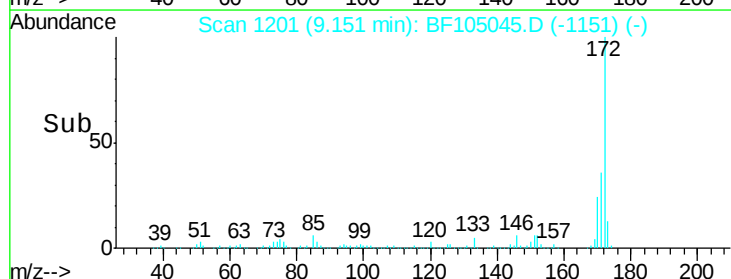


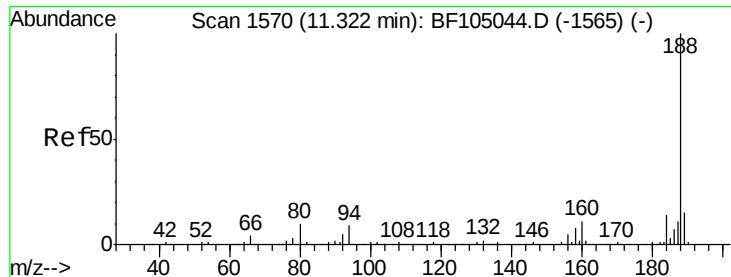
#44
 2-Fluorobiphenyl
 Concen: 94.072 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105045.D
 Acq: 2 May 2018 21:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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

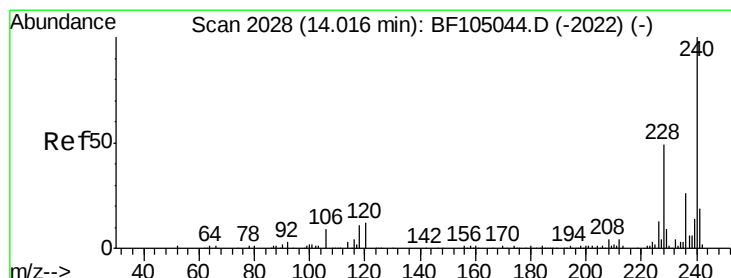
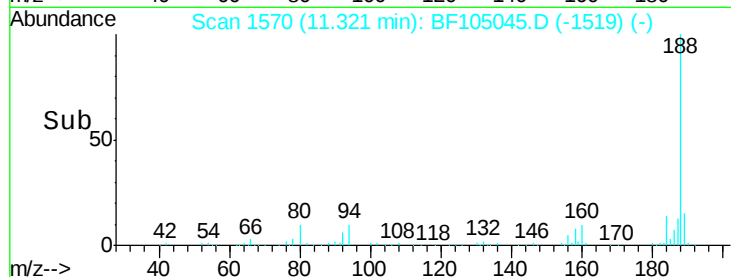
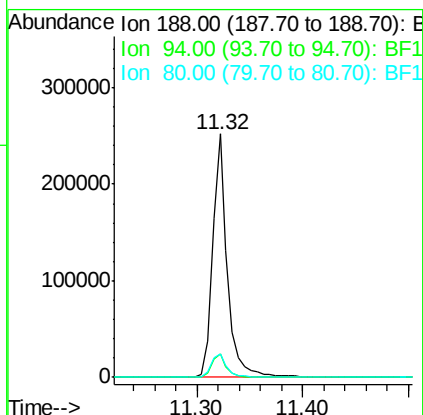
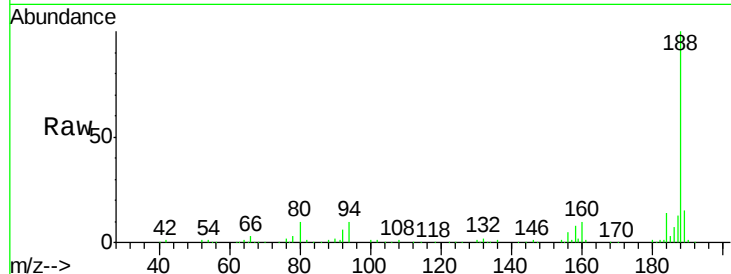




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105045.D
Acq: 2 May 2018 21:36

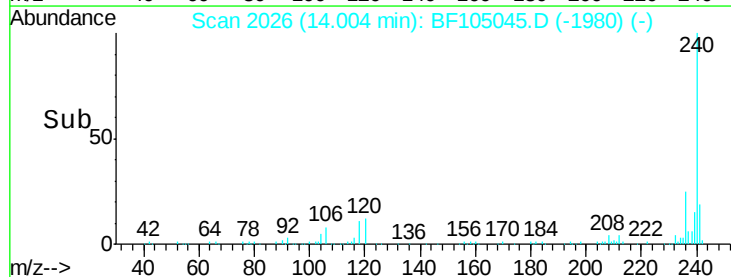
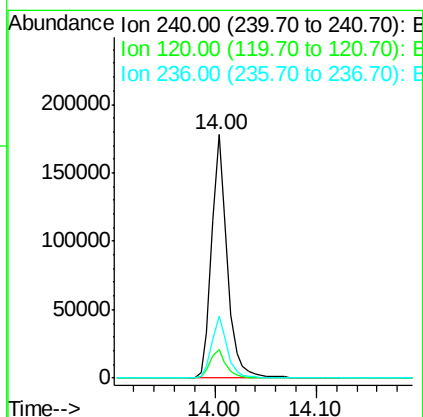
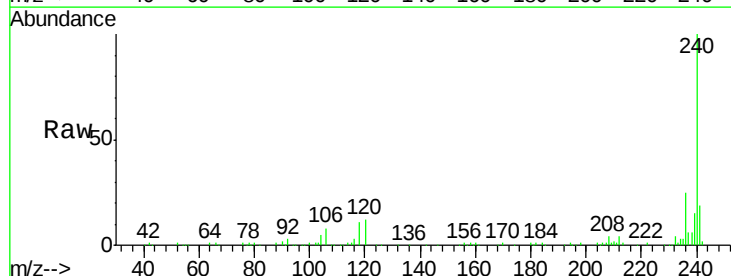
Instrument :
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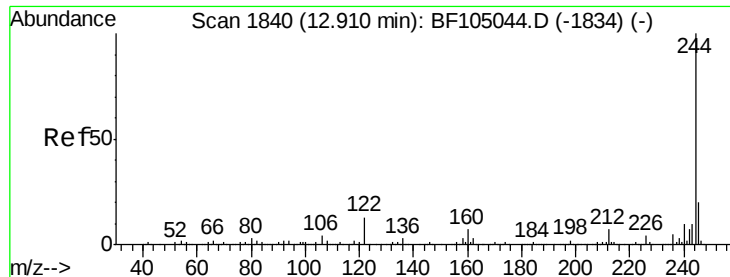
Tot Ion:188 Resp: 245935
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF105045.D
Acq: 2 May 2018 21:36

Tgt Ion:240 Resp: 191031
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 91.440 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF105045.D

Acq: 2 May 2018 21:36

Instrument :

BNA_F

ClientSampleId :

PB108763BL

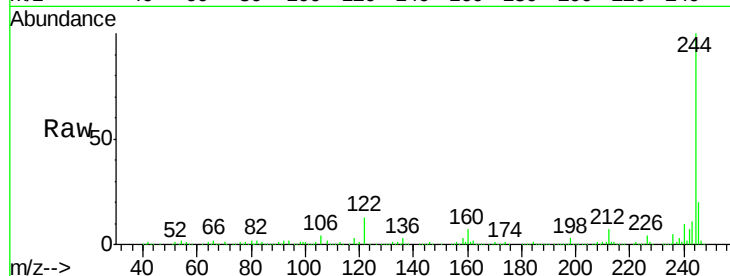
Tot Ion:244 Resp: 766189

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

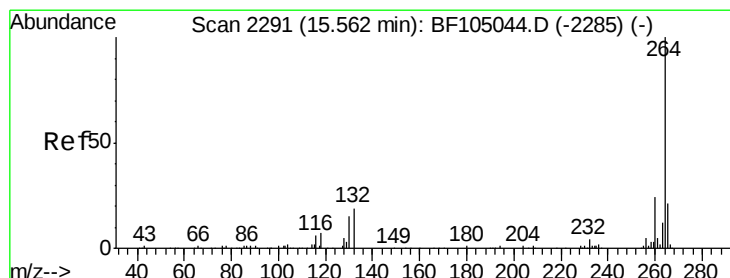
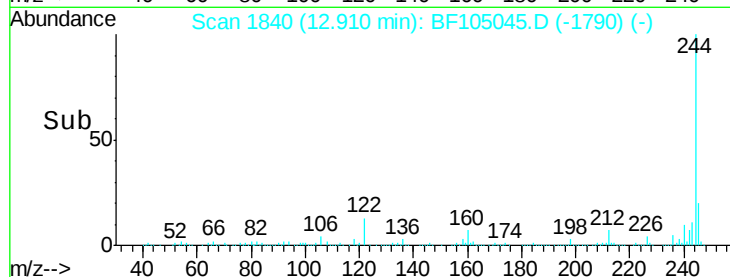
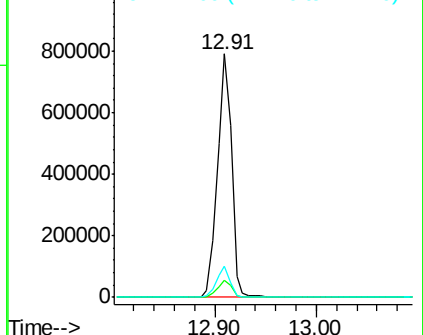
122 12.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.05 min

Lab File: BF105045.D

Acq: 2 May 2018 21:36

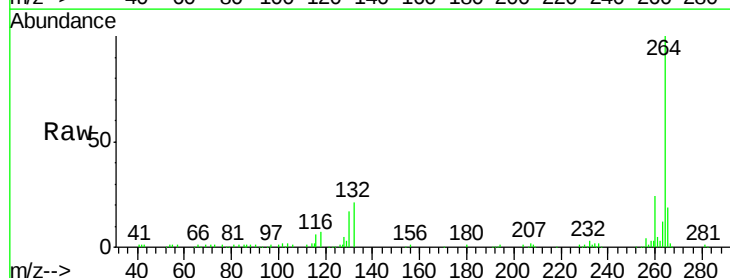
Tgt Ion:264 Resp: 146844

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 19.5 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

