

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104062.D
 Acq On : 29 Mar 2018 20:14
 Operator : JU/SJ
 Sample : PB107795BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BL

Quant Time: Mar 30 05:10:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	101745	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	430889	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	200132	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	339914	20.00	ng	0.00
75) Chrysene-d12	14.16	240	216661	20.00	ng	0.00
86) Perylene-d12	15.70	264	202525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	681156	106.76	ng	0.00
7) Phenol-d6	6.60	99	908197	115.70	ng	0.00
23) Nitrobenzene-d5	7.53	82	534921	75.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	212998	95.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1080074	85.10	ng	0.00
78) Terphenyl-d14	13.09	244	850333	90.62	ng	0.00

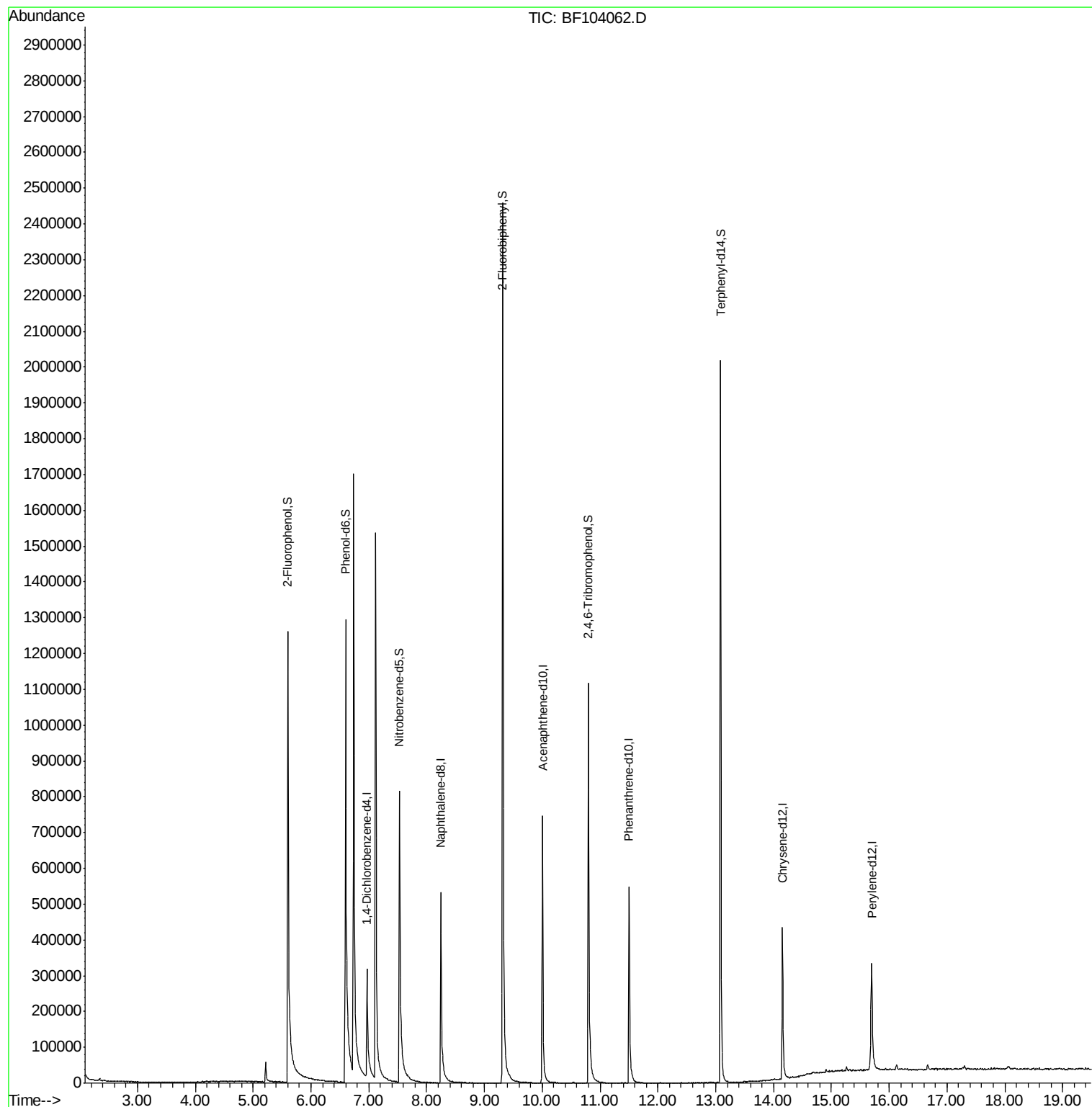
Target Compounds Qvalue

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

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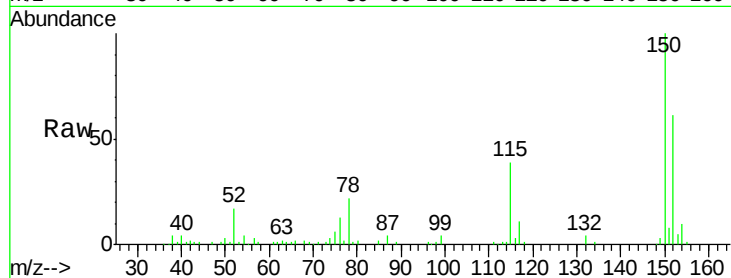


#1

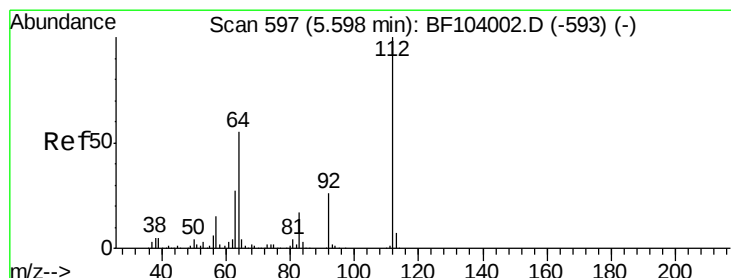
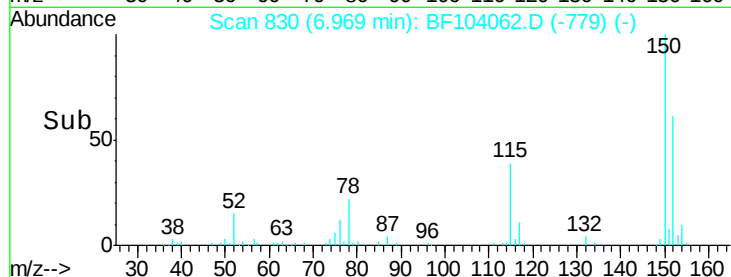
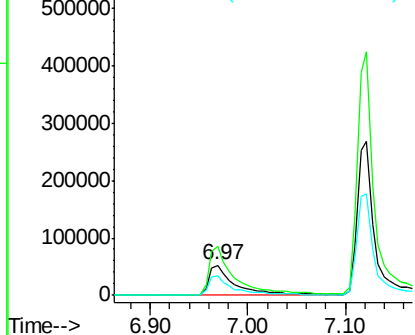
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104062.D
Acq: 29 Mar 2018 20:14

Instrument :
BNA_F
ClientSampleId :
PB107795BL

Tot Ion:152 Resp: 101745
Ion Ratio Lower Upper
152 100
150 163.9 124.6 186.8
115 64.2 50.1 75.1



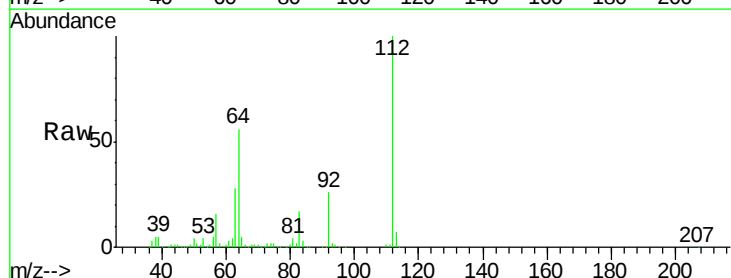
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



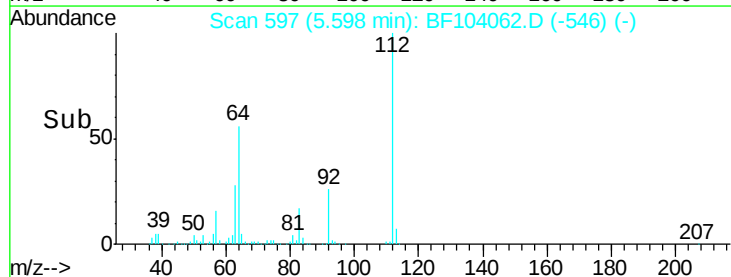
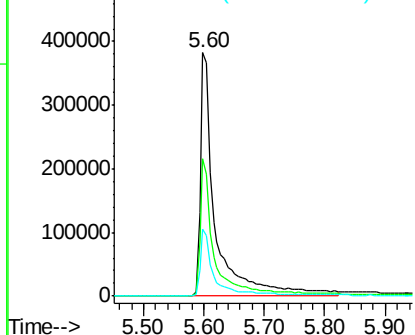
#5

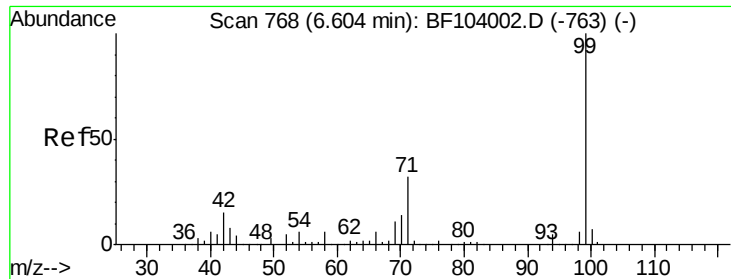
2-Fluorophenol
Concen: 106.764 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104062.D
Acq: 29 Mar 2018 20:14

Tgt Ion:112 Resp: 681156
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.7 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: 115.704 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

Instrument :

BNA_F

ClientSampleId :

PB107795BL

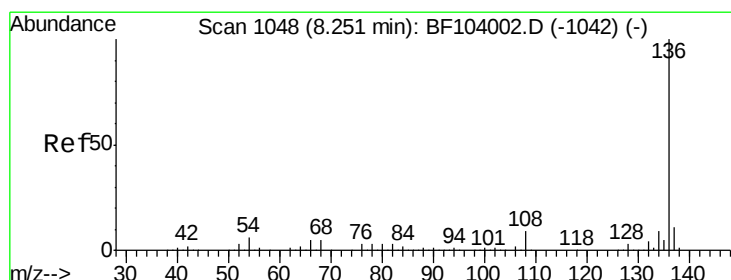
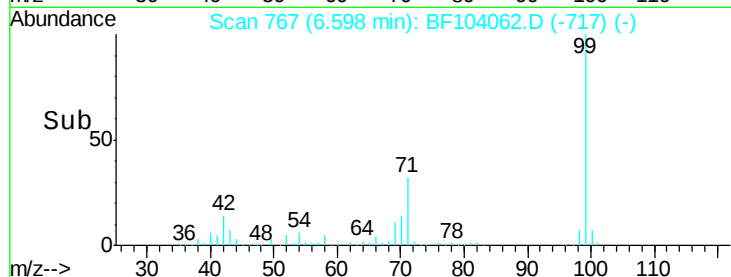
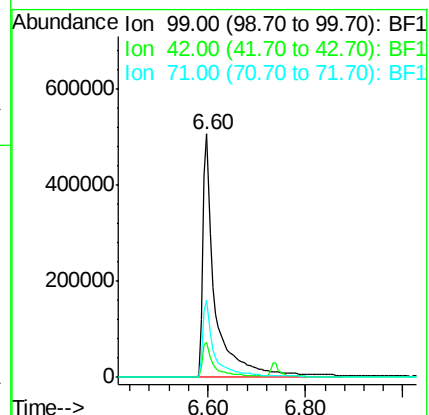
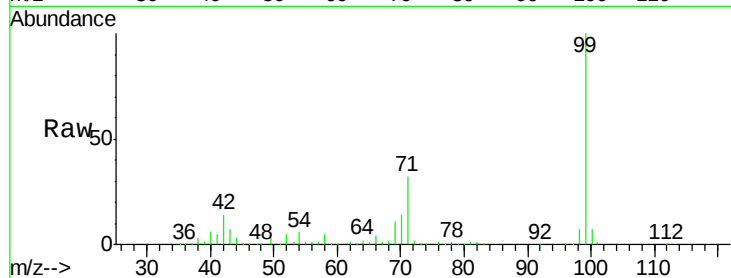
Tot Ion: 99 Resp: 908197

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 31.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

Tgt Ion: 136 Resp: 430889

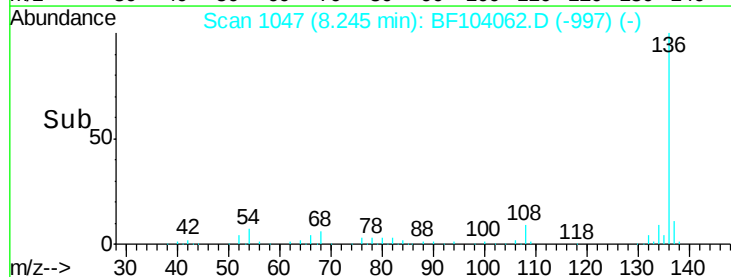
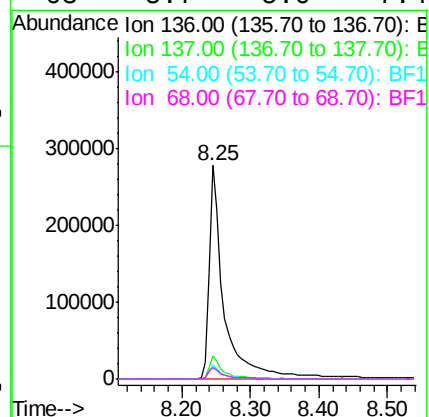
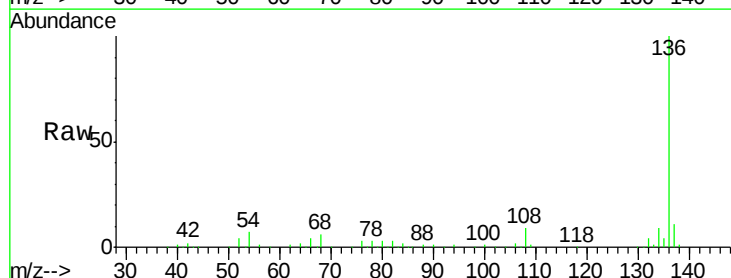
Ion Ratio Lower Upper

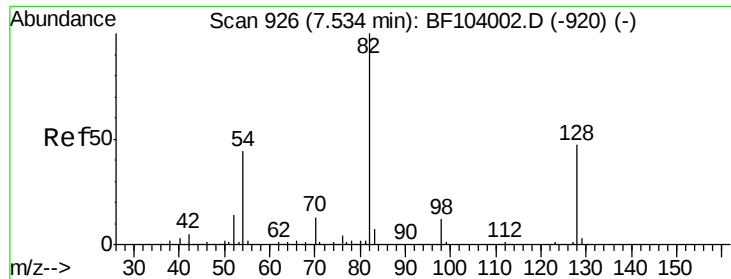
136 100

137 11.0 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

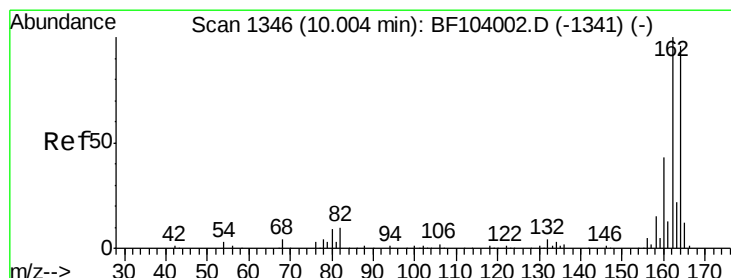
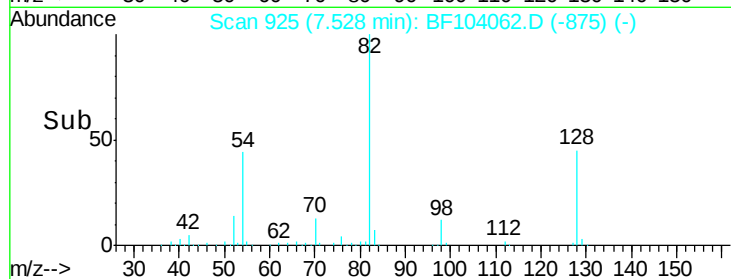
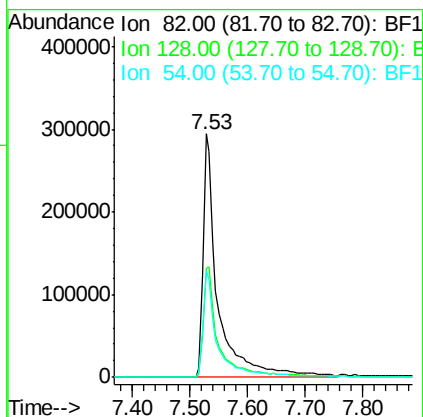
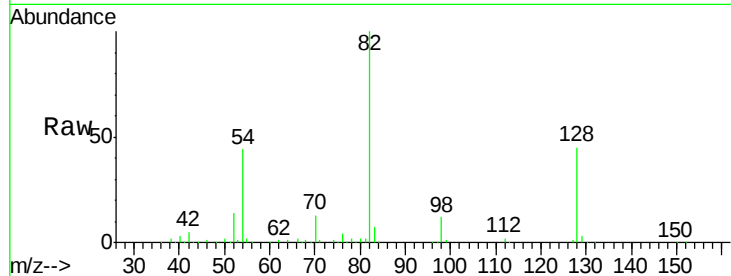




#23
 Nitrobenzene-d5
 Concen: 75.921 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

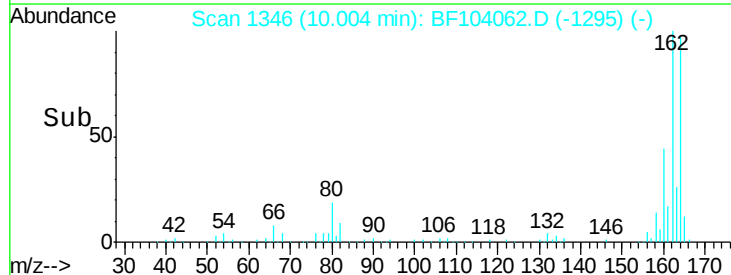
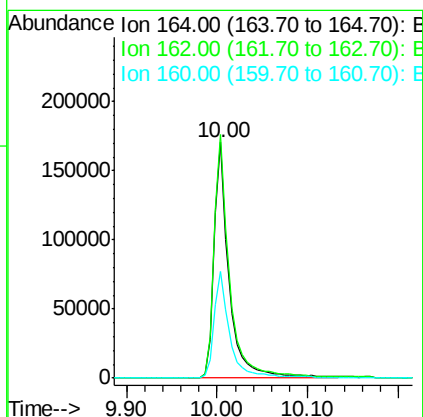
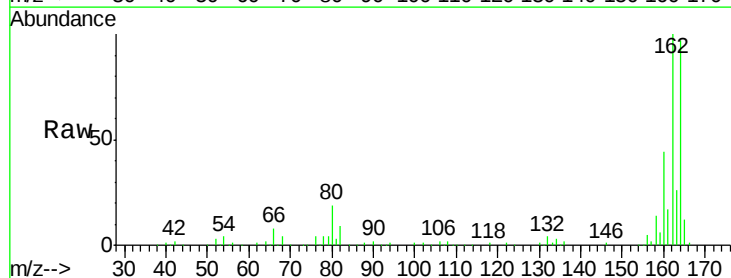
Instrument :
 BNA_F
 ClientSampleId :
 PB107795BL

Tot Ion	82	Resp	534921
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	44.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

Tgt Ion	164	Resp	200132
Ion Ratio	Lower	Upper	
164	100		
162	103.4	86.1	129.1
160	45.5	38.3	57.5

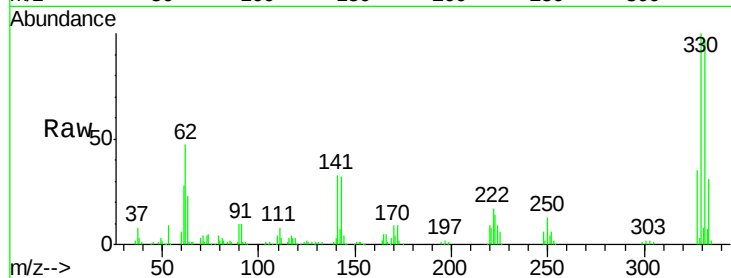




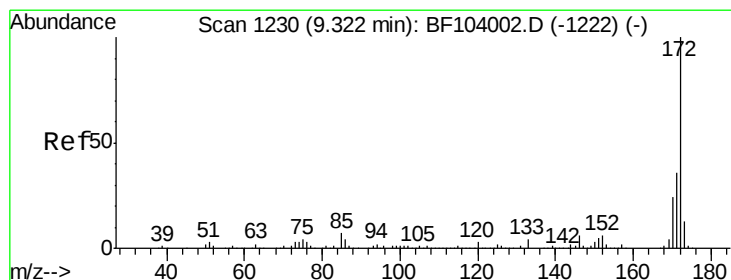
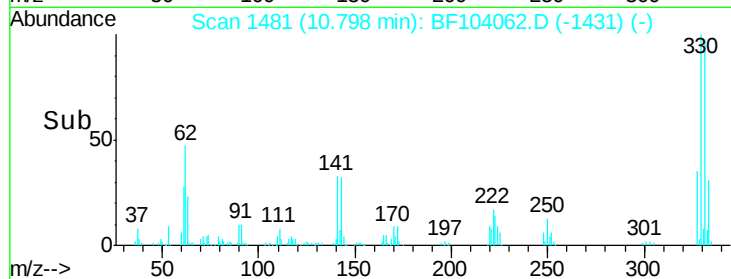
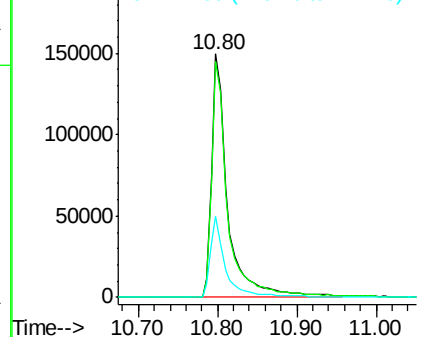
#41
 2,4,6-Tribromophenol
 Concen: 95.580 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB107795BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	31.9	29.9	44.9

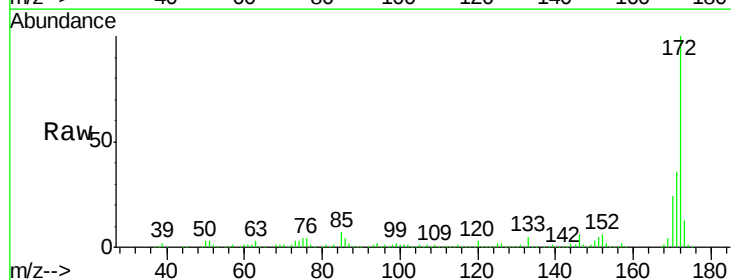


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

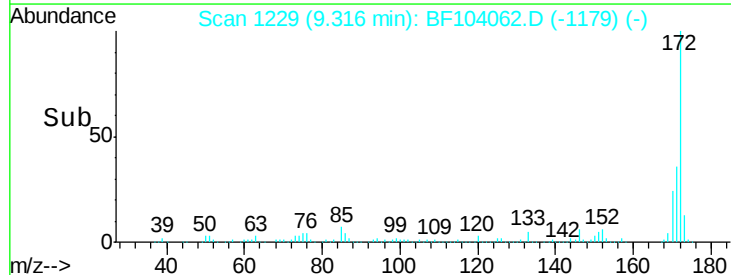
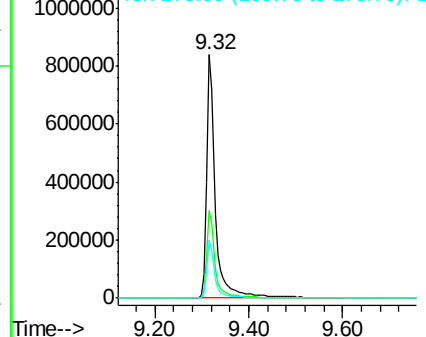


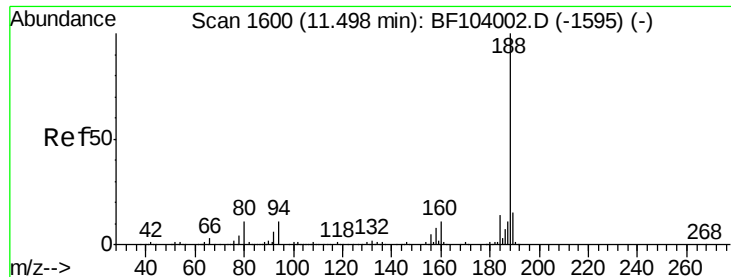
#44
 2-Fluorobiphenyl
 Concen: 85.103 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104062.D
 Acq: 29 Mar 2018 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	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

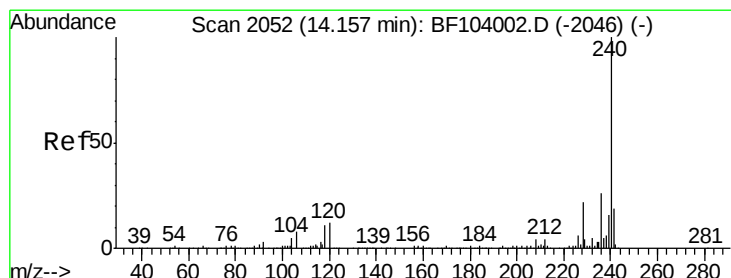
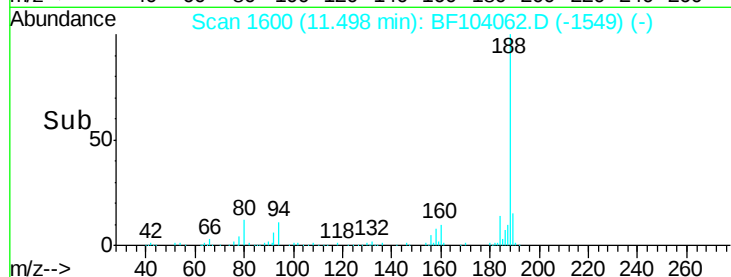
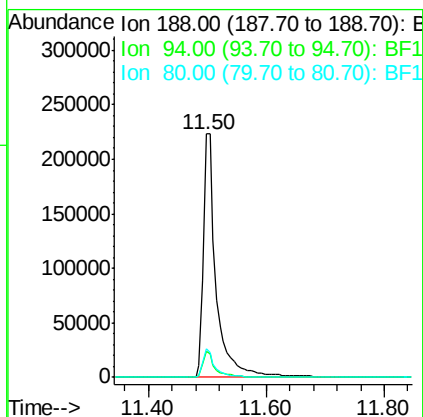
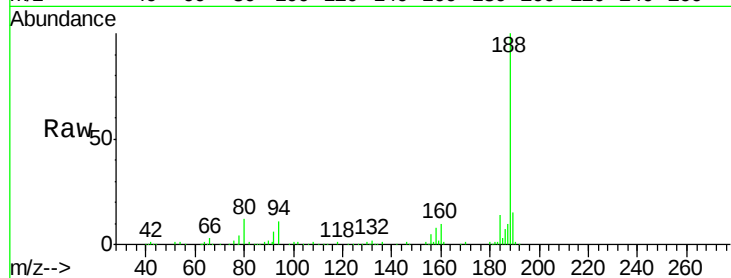




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104062.D
Acq: 29 Mar 2018 20:14

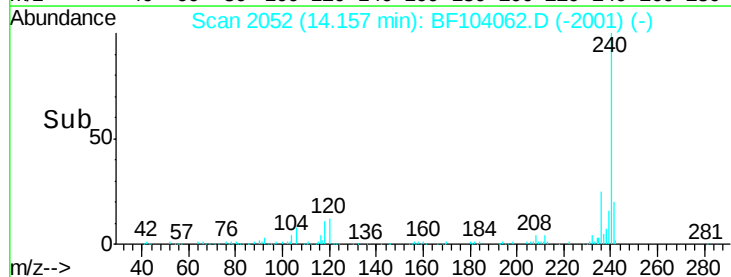
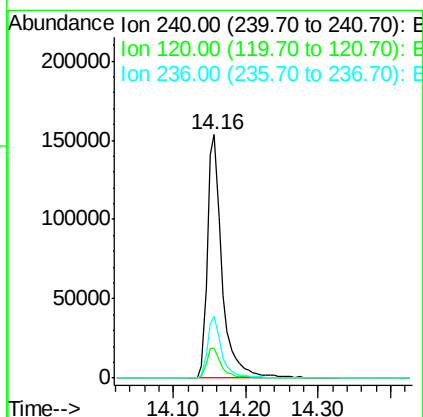
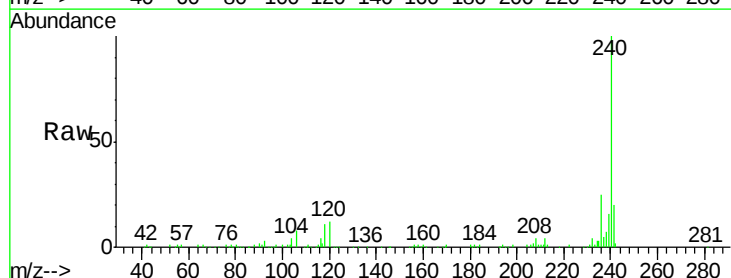
Instrument :
BNA_F
ClientSampleId :
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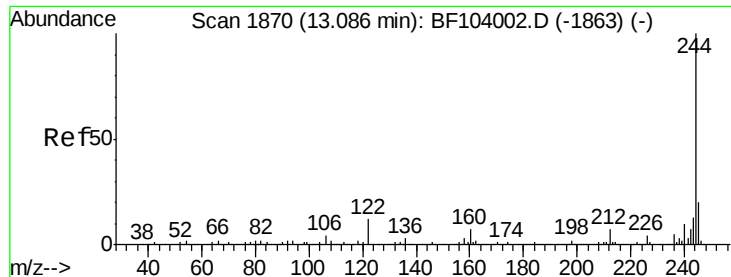
Tot Ion:188 Resp: 339914
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104062.D
Acq: 29 Mar 2018 20:14

Tgt Ion:240 Resp: 216661
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 90.620 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

Instrument :

BNA_F

ClientSampleId :

PB107795BL

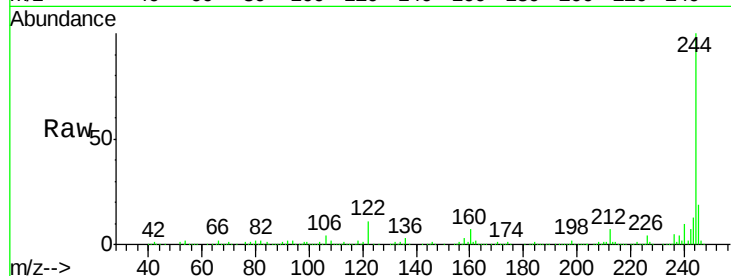
Tot Ion:244 Resp: 850333

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

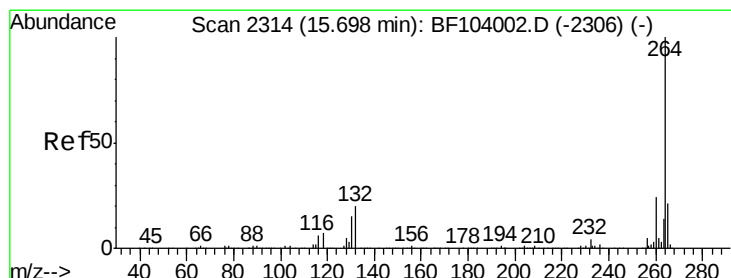
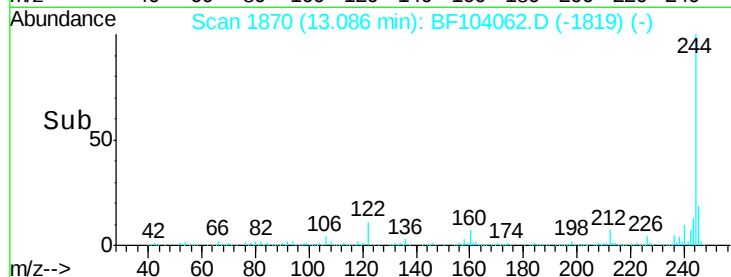
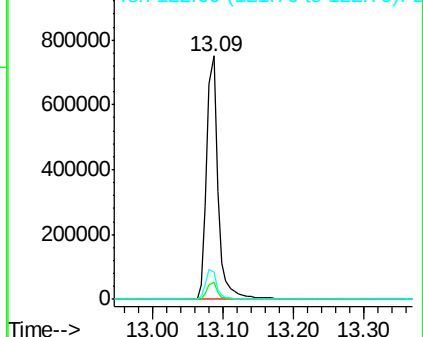
122 11.5 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104062.D

Acq: 29 Mar 2018 20:14

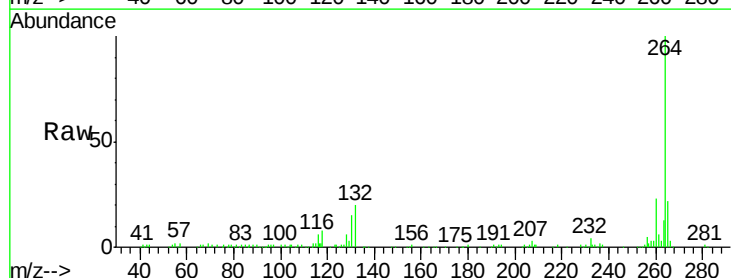
Tgt Ion:264 Resp: 202525

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.9 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

