

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104226.D
 Acq On : 4 Apr 2018 15:42
 Operator : JU/SJ
 Sample : PB107885BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BL

Quant Time: Apr 04 18:19:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	111533	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	495401	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	236595	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	471651	20.00	ng	0.00
75) Chrysene-d12	14.14	240	408498	20.00	ng	0.00
86) Perylene-d12	15.68	264	327748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	861675	123.21	ng	0.00
7) Phenol-d6	6.60	99	1137403	132.19	ng	0.00
23) Nitrobenzene-d5	7.52	82	669997	82.71	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	315268	119.67	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1309267	87.26	ng	0.00
78) Terphenyl-d14	13.07	244	1398008	79.02	ng	0.00

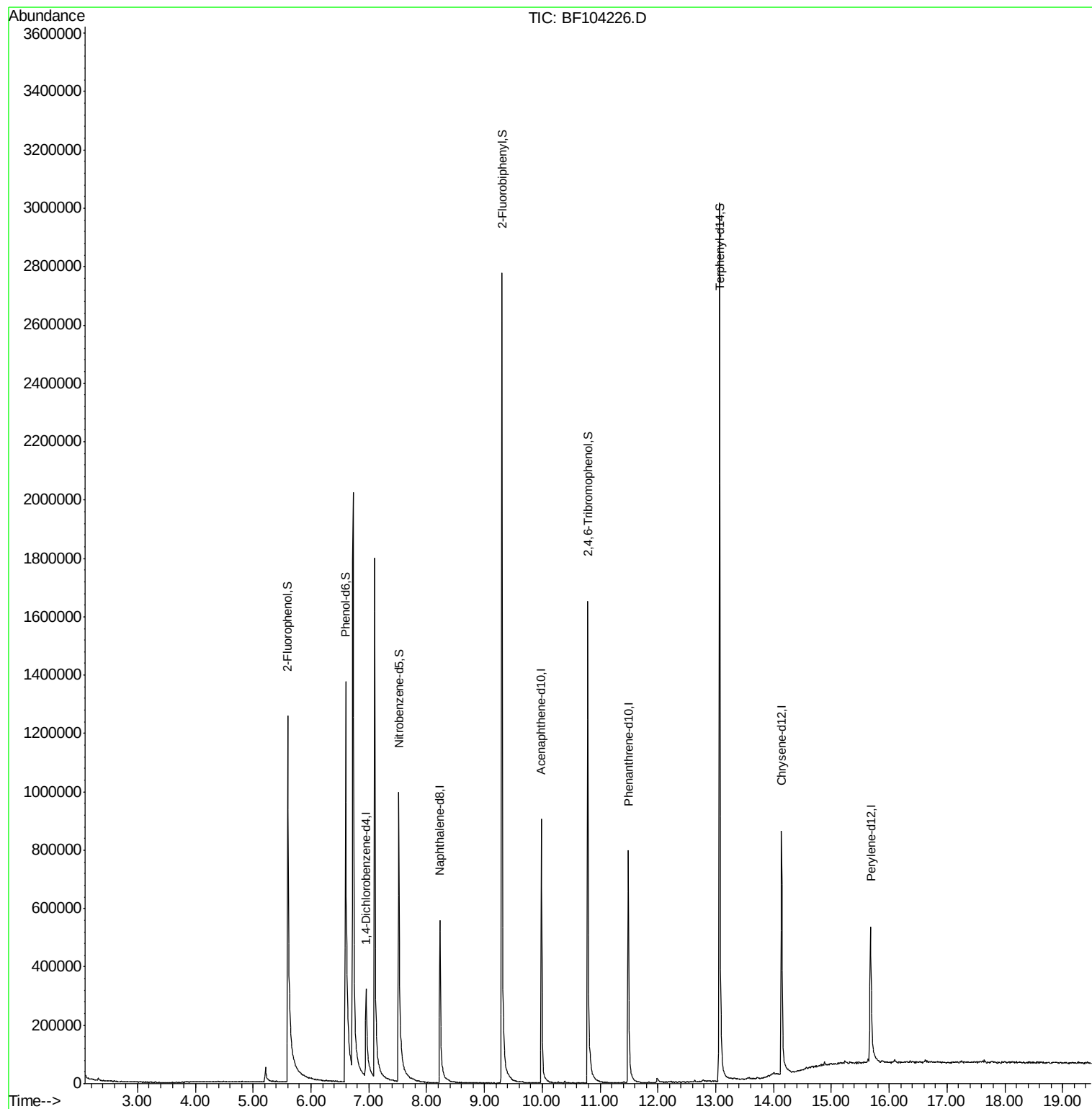
Target Compounds Qvalue

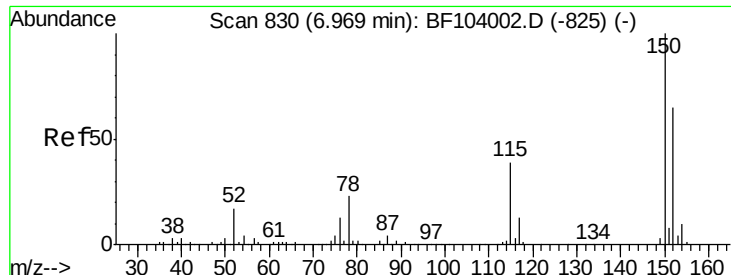
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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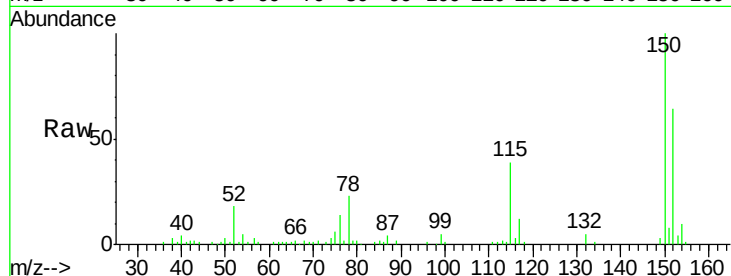


#1

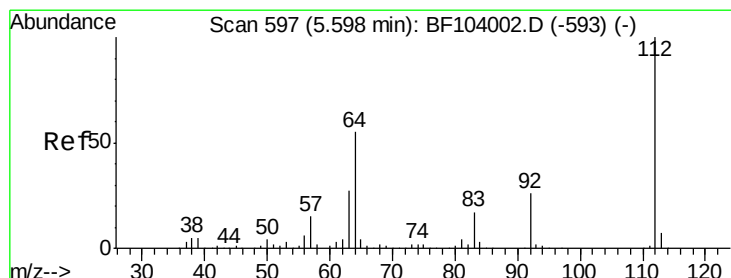
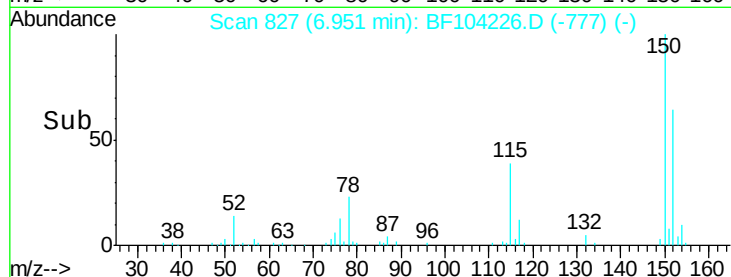
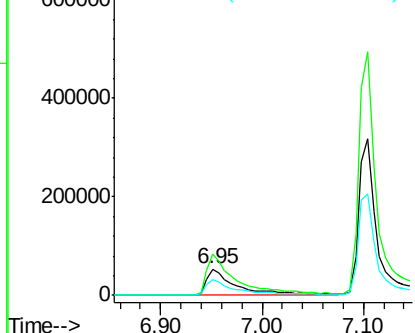
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Instrument :
BNA_F
ClientSampleId :
PB107885BL

Tot Ion:152 Resp: 111533
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 61.0 50.1 75.1



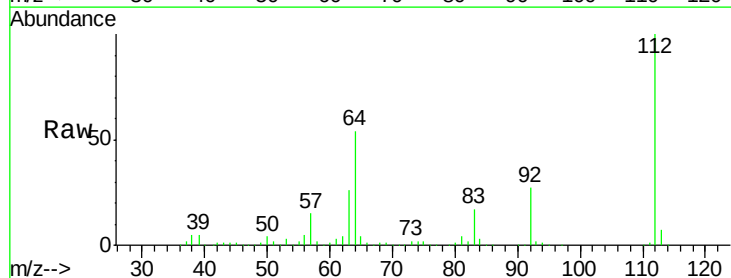
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



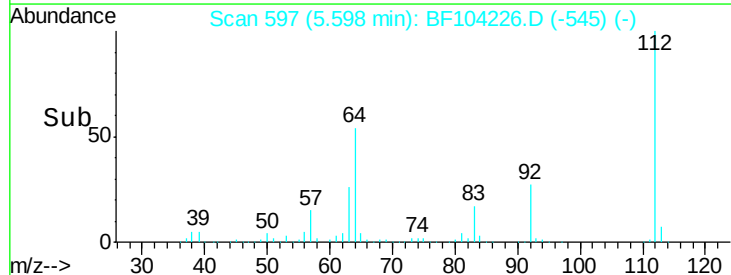
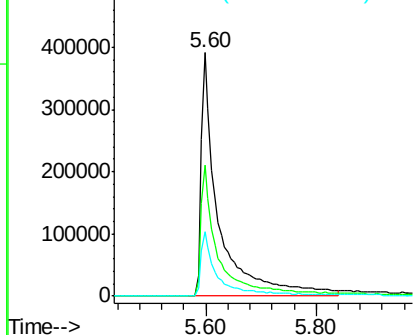
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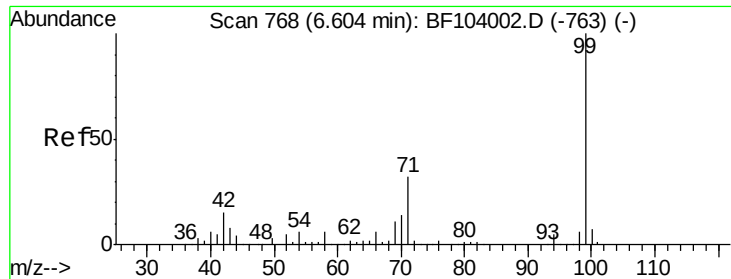
2-Fluorophenol
Concen: 123.206 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Tgt Ion:112 Resp: 861675
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.4 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: 132.188 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104226.D

Acq: 4 Apr 2018 15:42

Instrument :

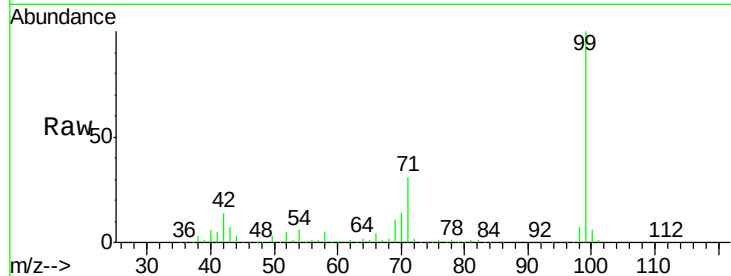
BNA_F

ClientSampleId :

PB107885BL

Tot Ion: 99 Resp: 1137403

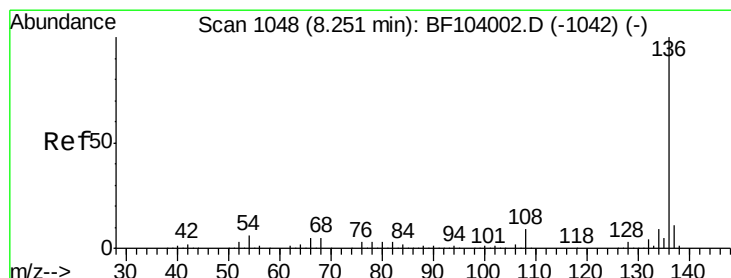
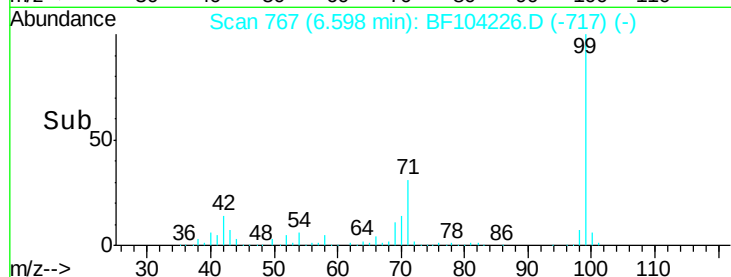
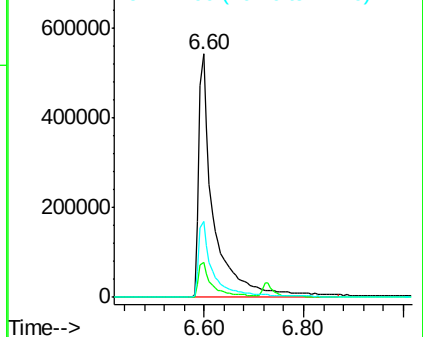
Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	31.2	25.4	38.0



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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104226.D

Acq: 4 Apr 2018 15:42

Tgt Ion: 136 Resp: 495401

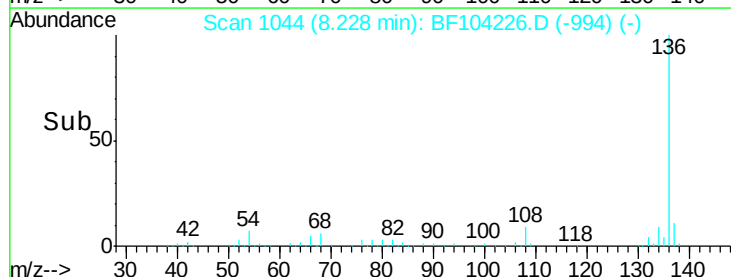
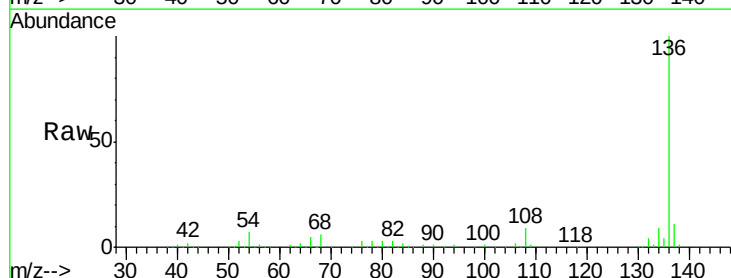
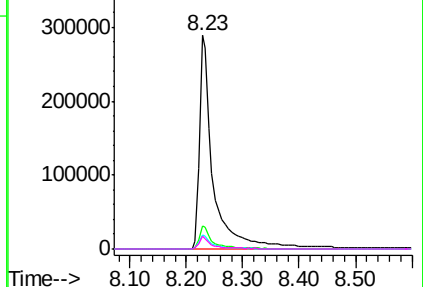
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	6.1	5.0	7.4

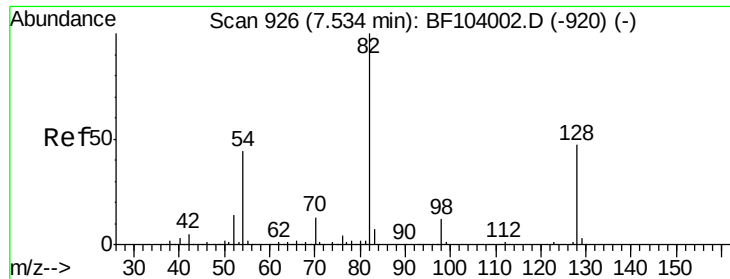
Abundance Ion 136.00 (135.70 to 136.70): E

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

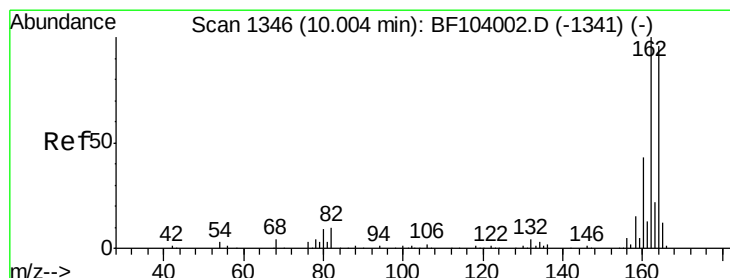
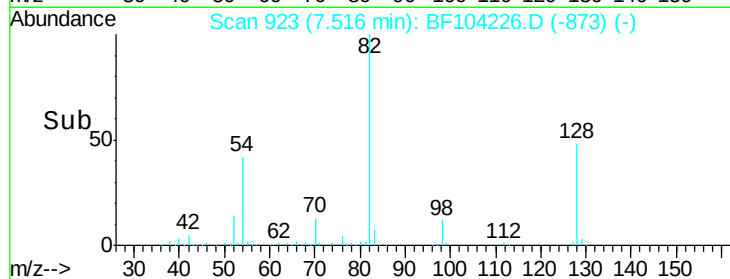
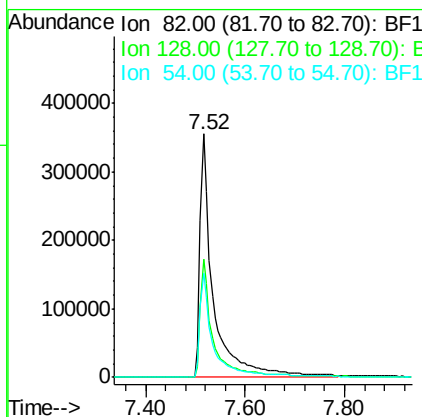
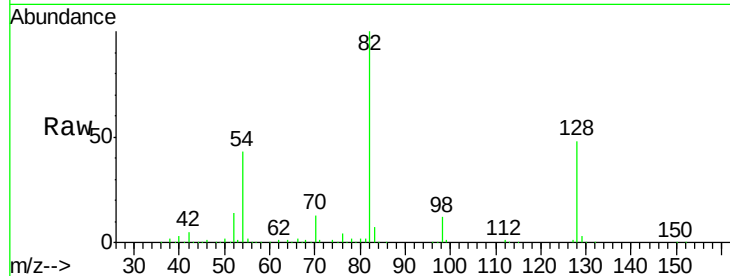




#23
 Nitrobenzene-d5
 Concen: 82.709 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

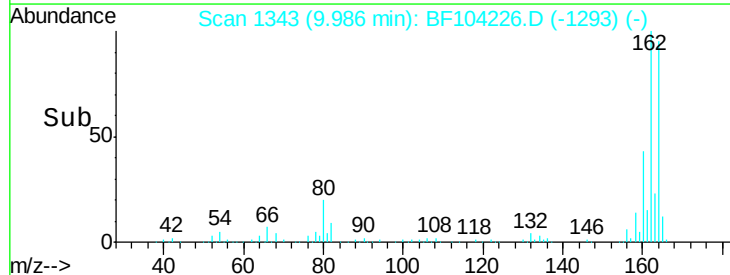
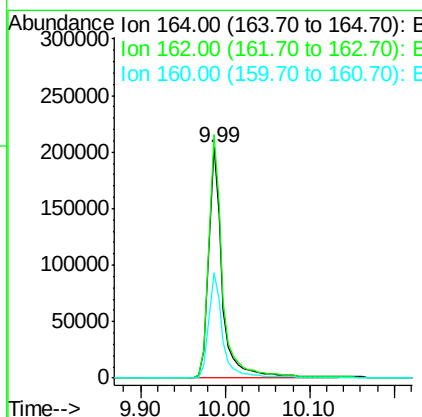
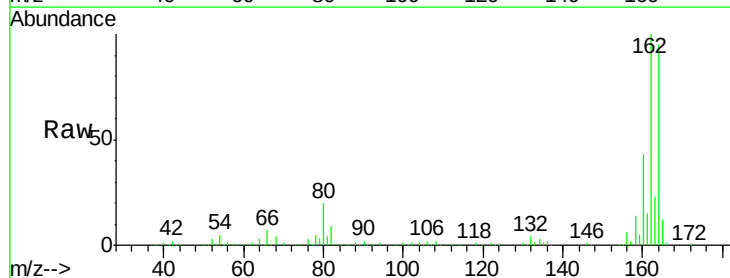
Instrument :
 BNA_F
 ClientSampleId :
 PB107885BL

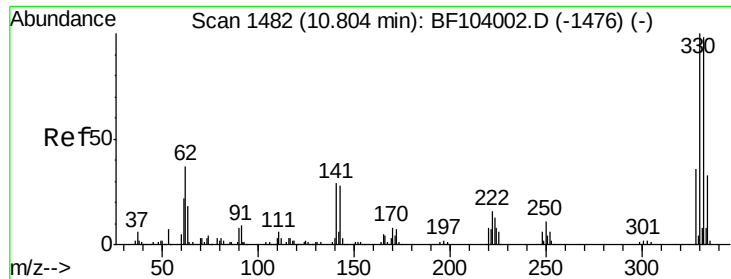
Tot Ion	82	Resp	669997
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	42.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

Tgt Ion	164	Resp	236595
Ion Ratio	Lower	Upper	
164	100		
162	105.6	86.1	129.1
160	45.5	38.3	57.5

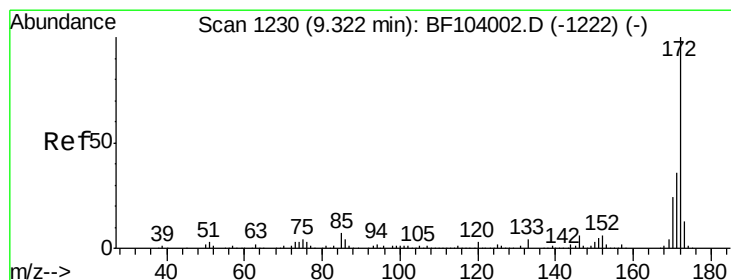
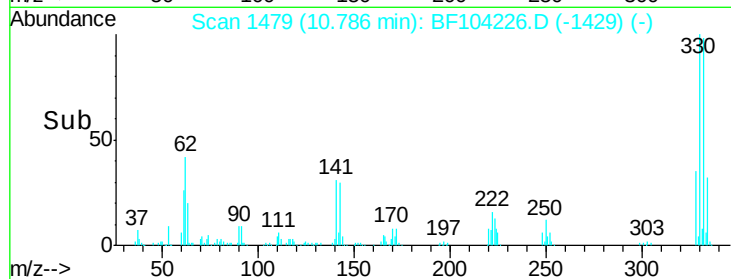
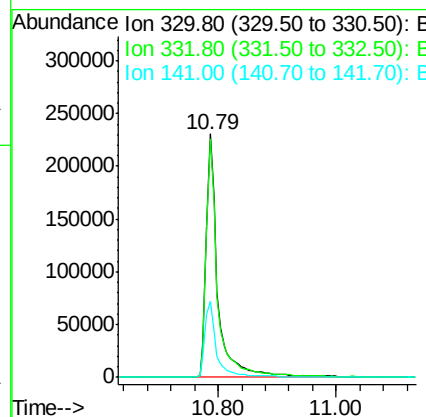
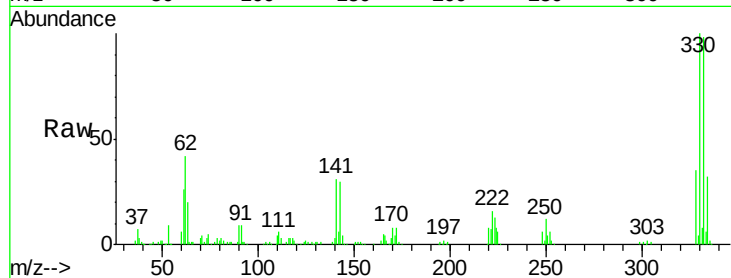




#41
 2,4,6-Tribromophenol
 Concen: 119.669 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

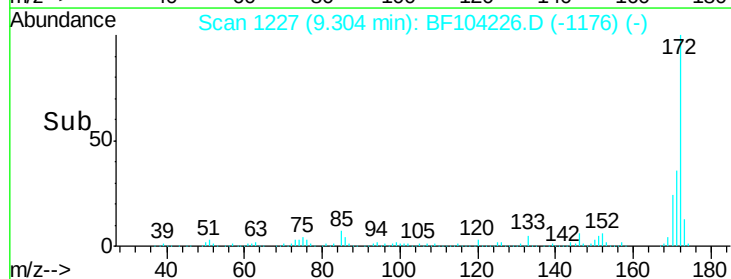
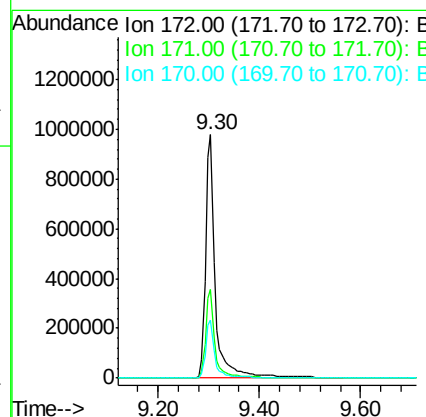
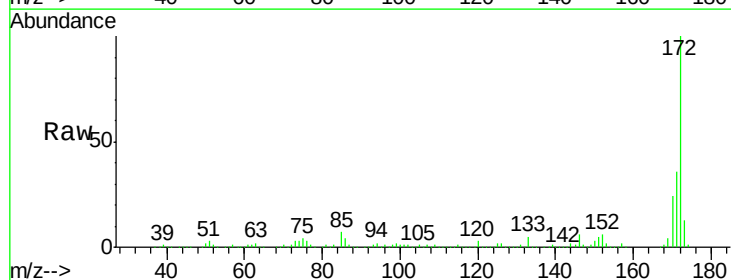
Instrument :
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 ClientSampleId :
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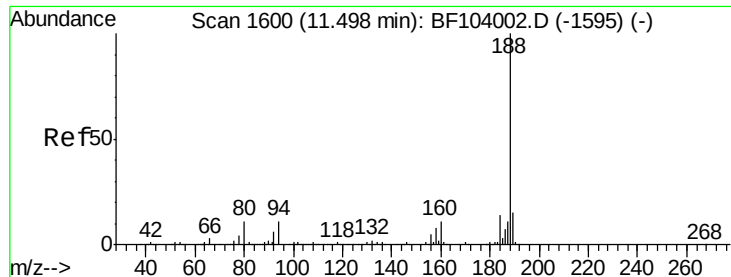
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.263 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4

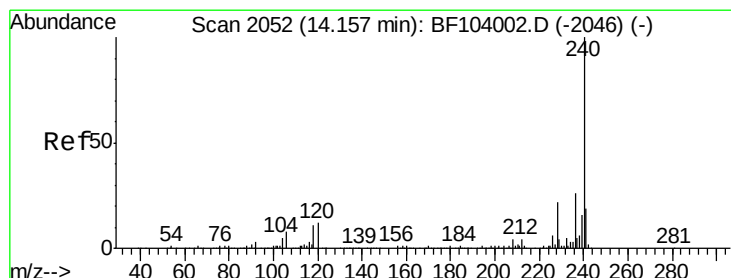
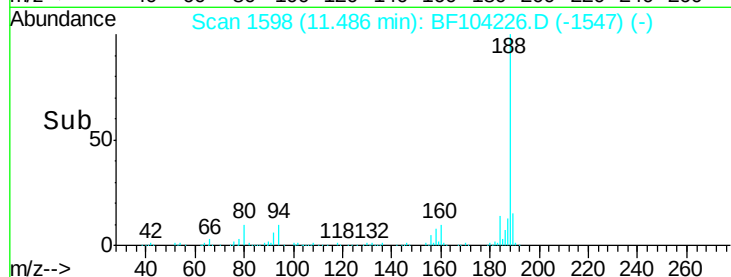
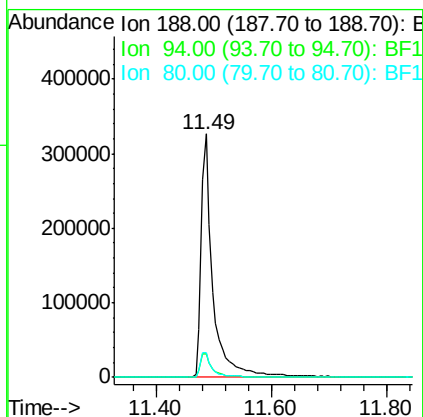
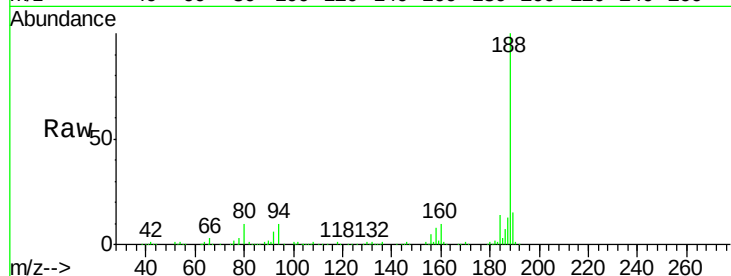




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

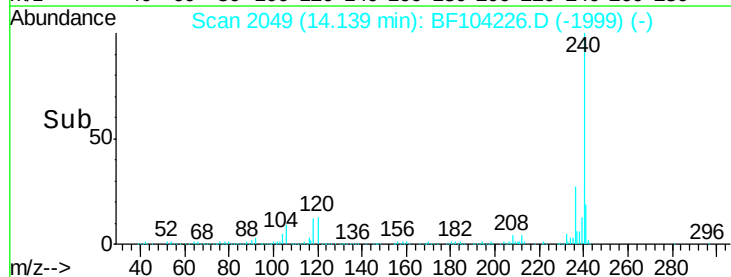
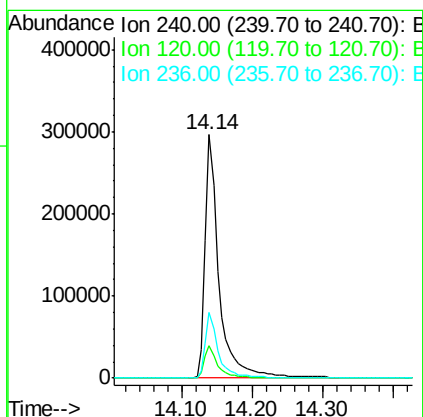
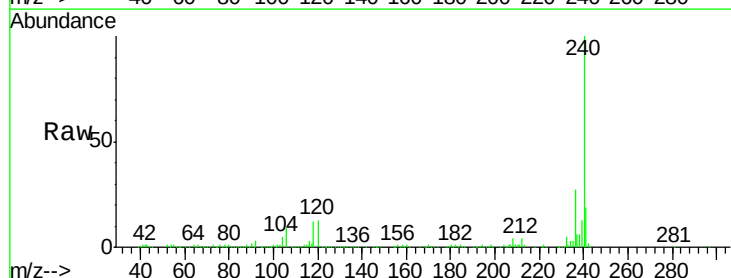
Instrument :
BNA_F
ClientSampleId :
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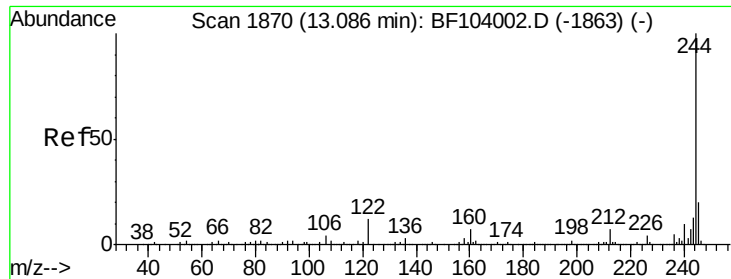
Tot Ion:188 Resp: 471651
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104226.D
Acq: 4 Apr 2018 15:42

Tgt Ion:240 Resp: 408498
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.7 20.7 31.1

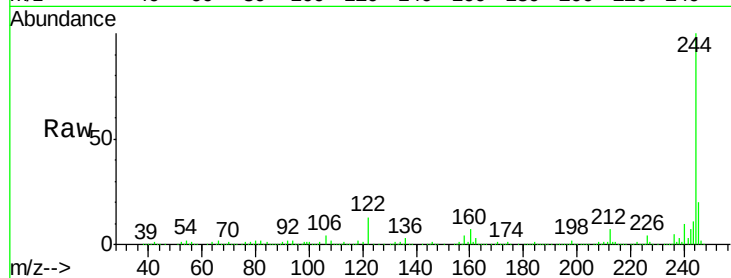




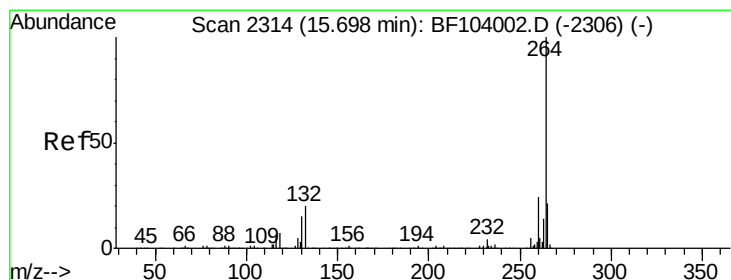
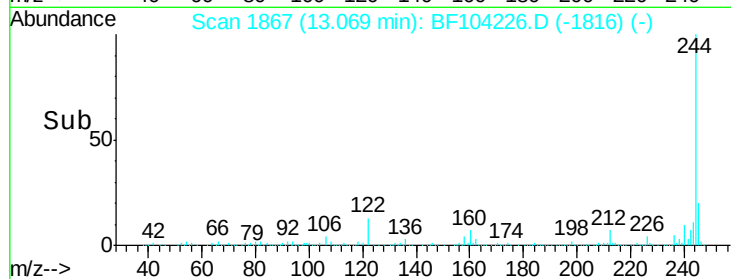
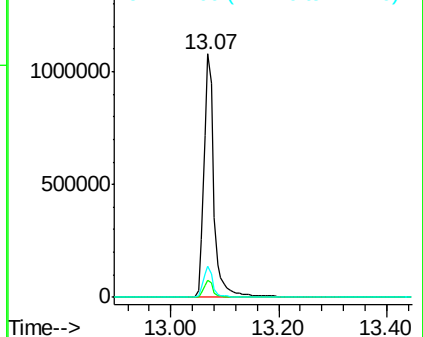
#78
 Terphenyl-d14
 Concen: 79.020 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107885BL

Tot Ion:244 Resp: 1398008
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.6 11.0 16.4

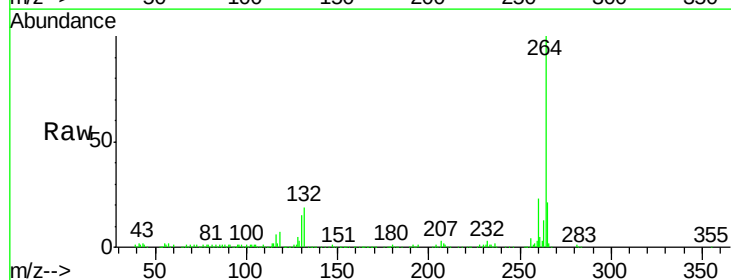


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF104226.D
 Acq: 4 Apr 2018 15:42

Tgt Ion:264 Resp: 327748
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.4 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

