

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104028.D
 Acq On : 28 Mar 2018 23:21
 Operator : JU/SJ
 Sample : J1754-17 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-D

Quant Time: Mar 29 05:24:25 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	121607	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	499829	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	208576	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	310514	20.00	ng	0.00
75) Chrysene-d12	14.16	240	249923	20.00	ng	0.00
86) Perylene-d12	15.70	264	187752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	124875	16.38	ng	0.00
7) Phenol-d6	6.60	99	194948	20.78	ng	0.00
23) Nitrobenzene-d5	7.53	82	103878	12.71	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	39320	16.93	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	241912	18.29	ng	0.00
78) Terphenyl-d14	13.08	244	170853	15.78	ng	0.00

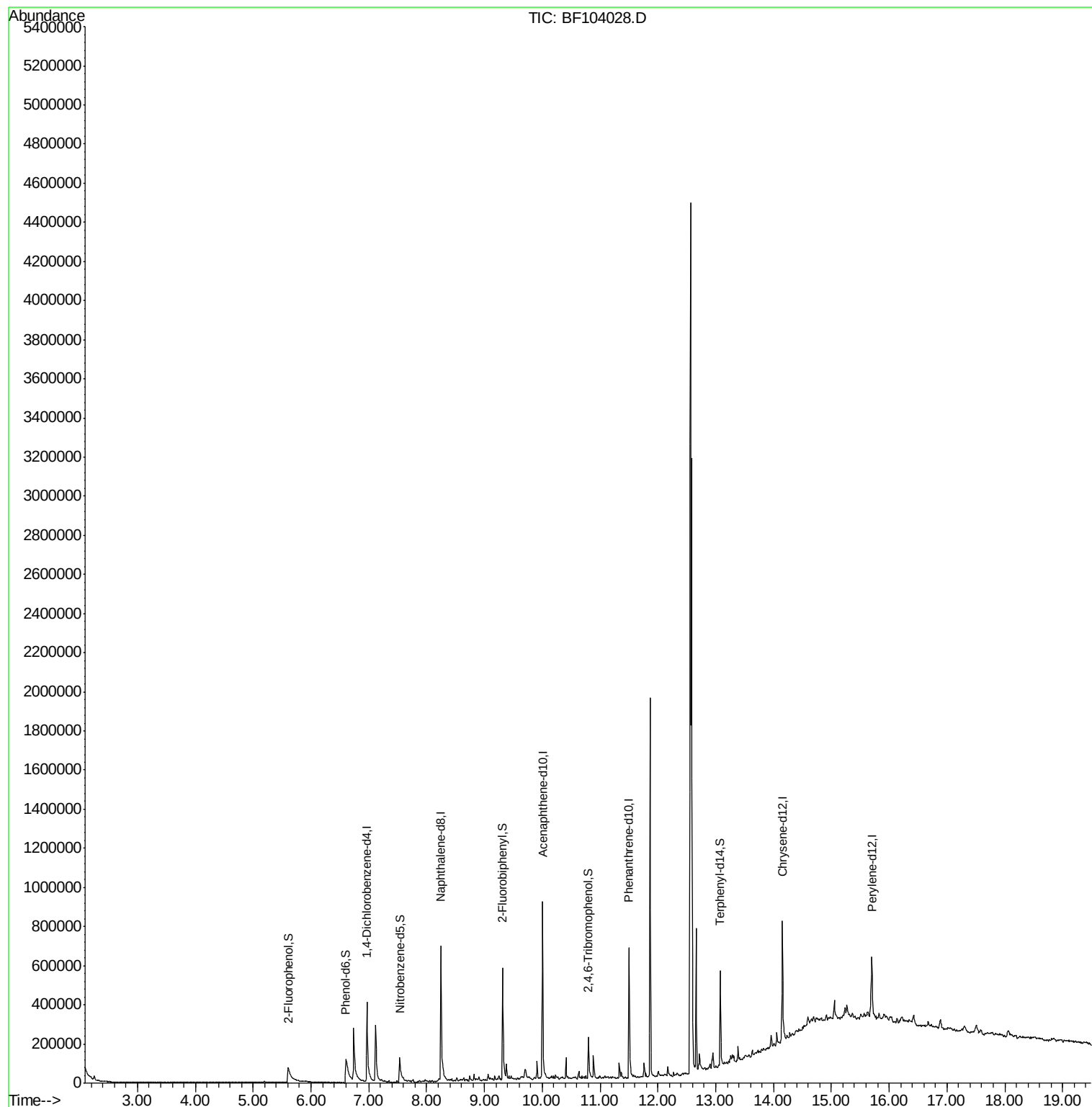
Target Compounds Qvalue

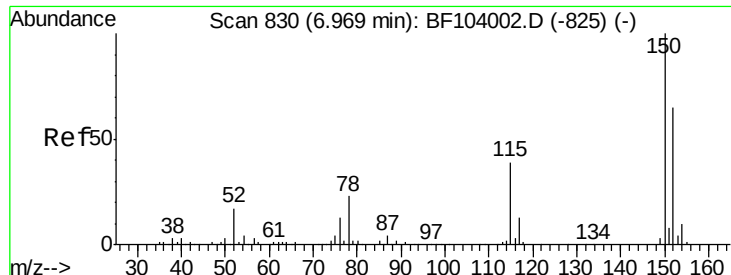
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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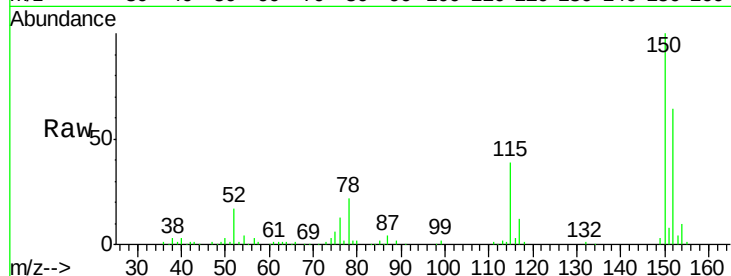


#1

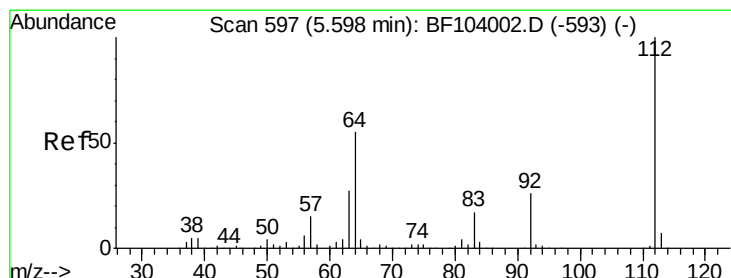
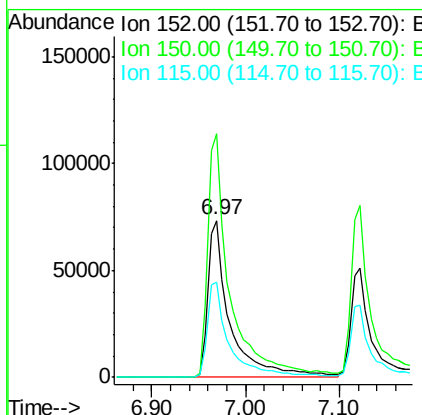
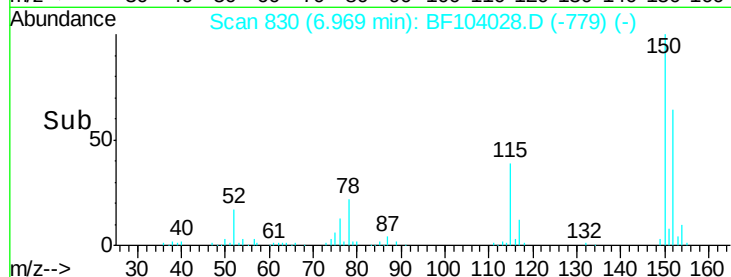
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104028.D
Acq: 28 Mar 2018 23:21

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	61.0	50.1	75.1



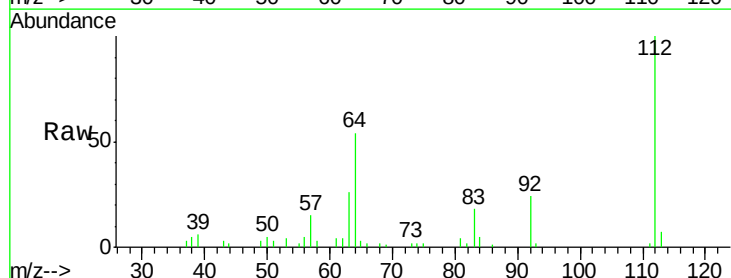
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



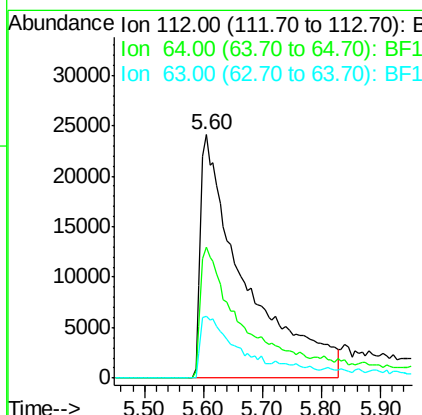
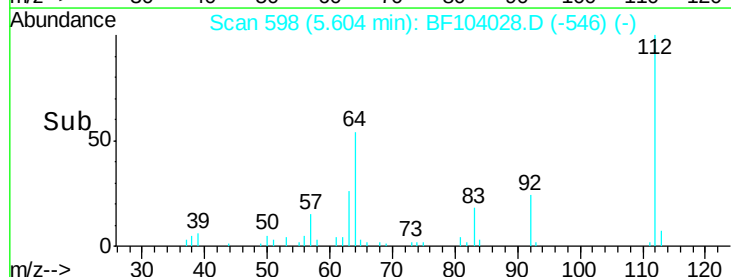
#5

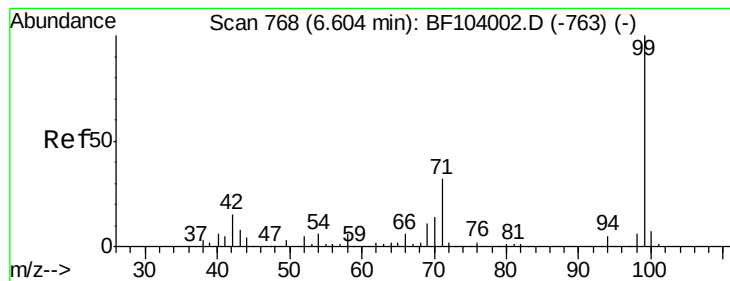
2-Fluorophenol
Concen: 16.376 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104028.D
Acq: 28 Mar 2018 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	25.6	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: 20.780 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104028.D

Acq: 28 Mar 2018 23:21

Instrument :

BNA_F

ClientSampleId :

CL-02-032718-D

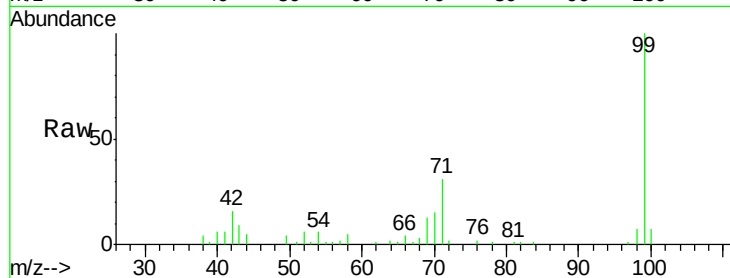
Tot Ion: 99 Resp: 194948

Ion Ratio Lower Upper

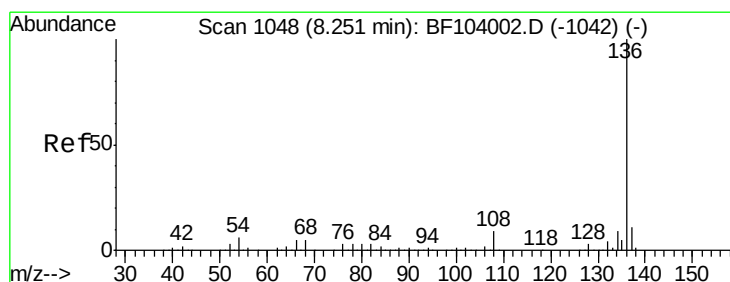
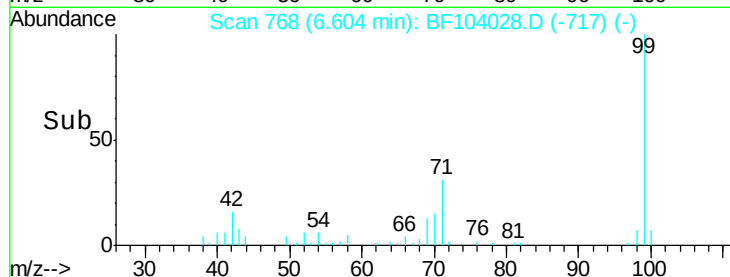
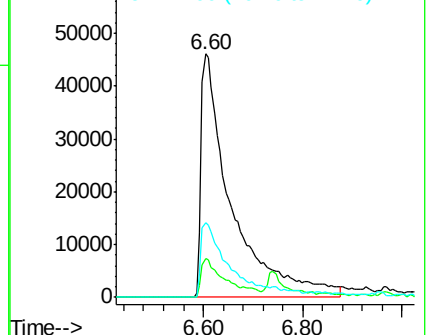
99 100

42 16.1 14.5 21.7

71 30.6 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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104028.D

Acq: 28 Mar 2018 23:21

Tgt Ion: 136 Resp: 499829

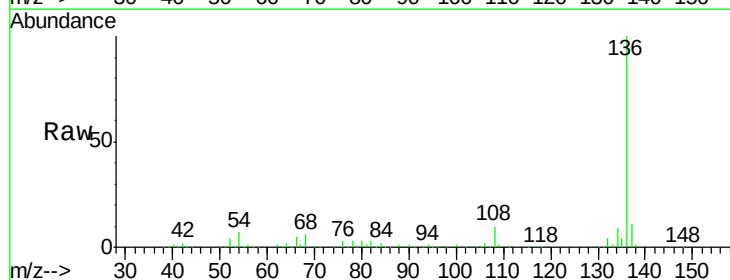
Ion Ratio Lower Upper

136 100

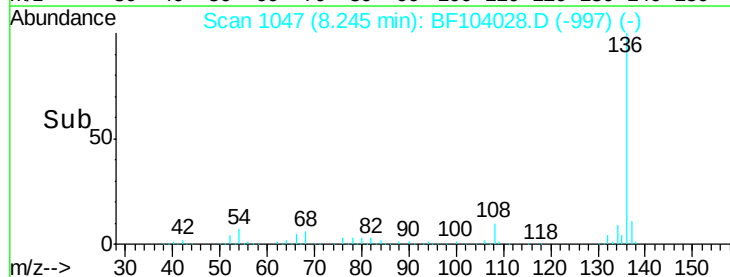
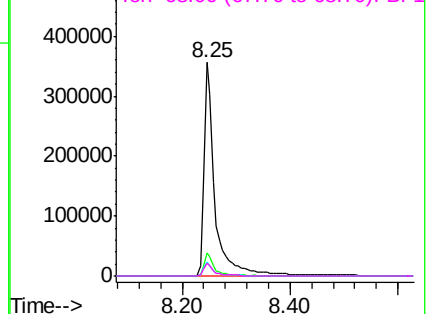
137 11.1 8.9 13.3

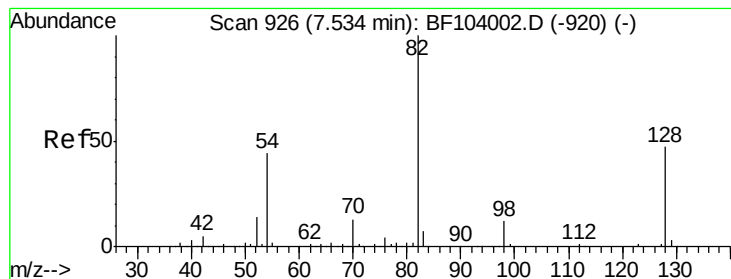
54 6.9 6.6 9.8

68 5.9 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: 12.710 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104028.D

Acq: 28 Mar 2018 23:21

Instrument :

BNA_F

ClientSampleId :

CL-02-032718-D

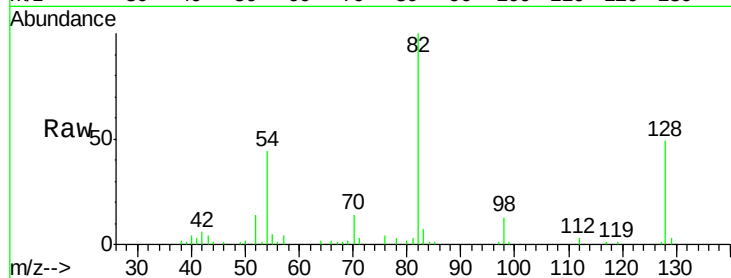
Tot Ion: 82 Resp: 103878

Ion Ratio Lower Upper

82 100

128 48.9 36.1 54.1

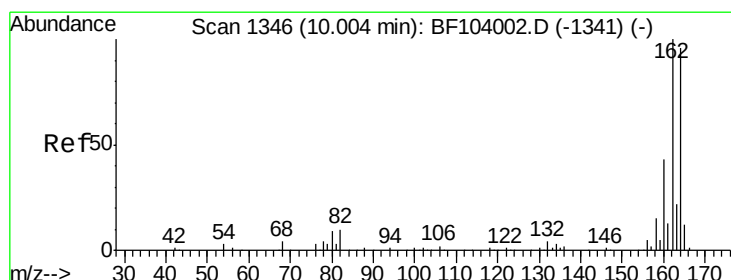
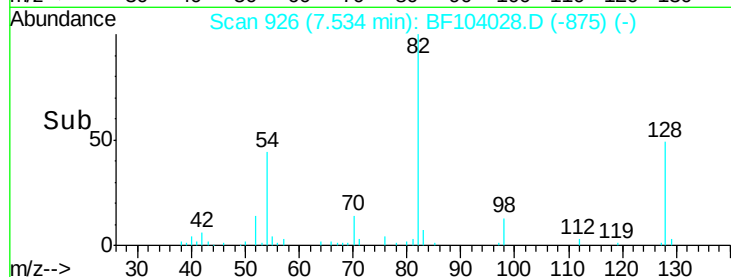
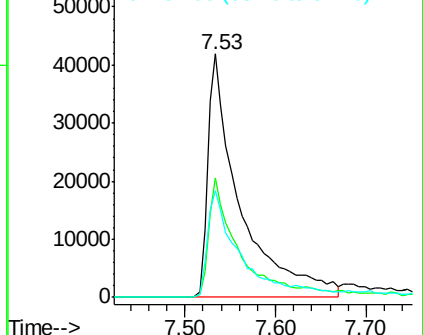
54 43.6 41.4 62.2



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: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104028.D

Acq: 28 Mar 2018 23:21

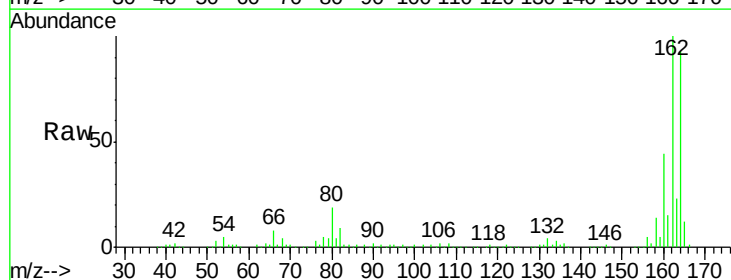
Tgt Ion: 164 Resp: 208576

Ion Ratio Lower Upper

164 100

162 107.6 86.1 129.1

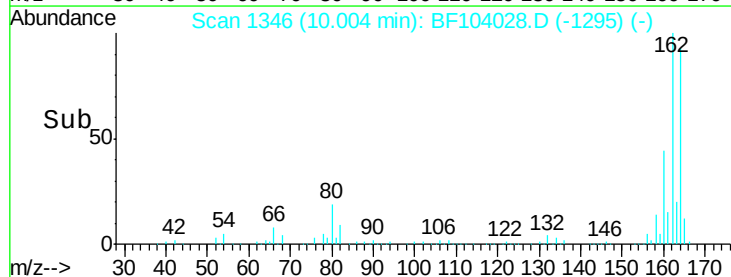
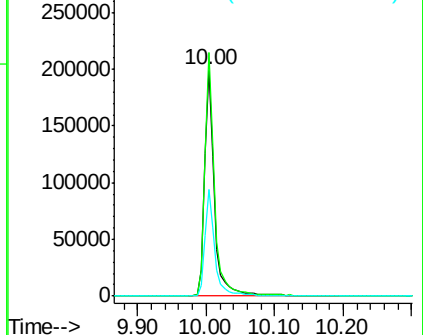
160 47.1 38.3 57.5

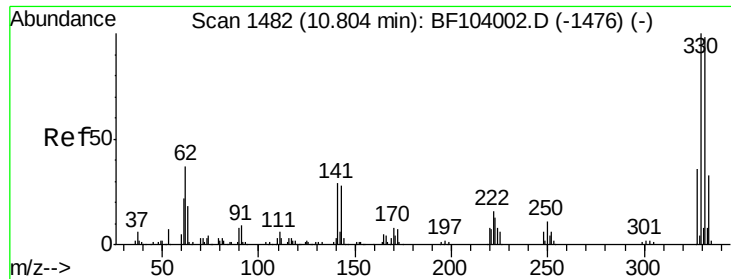


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

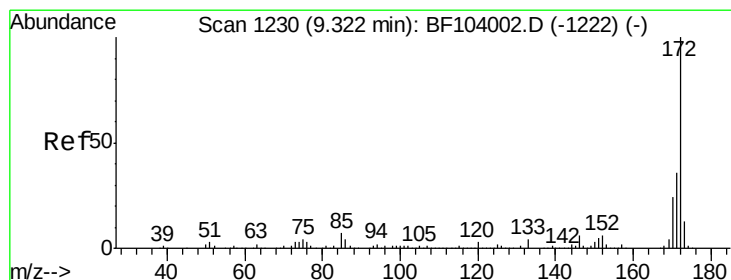
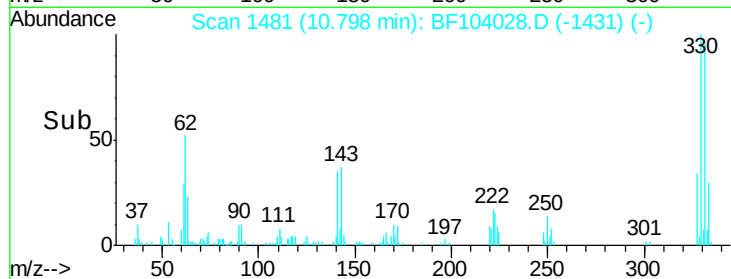
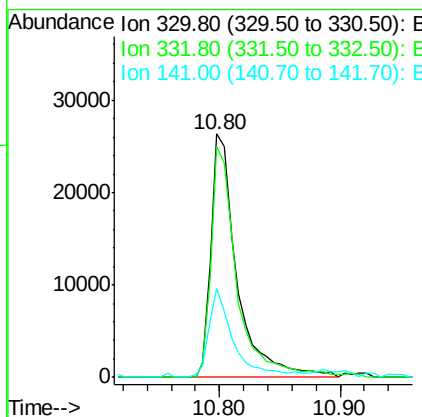
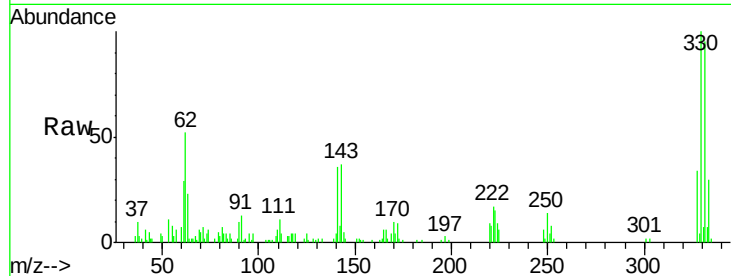




#41
 2,4,6-Tribromophenol
 Concen: 16.930 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104028.D
 Acq: 28 Mar 2018 23:21

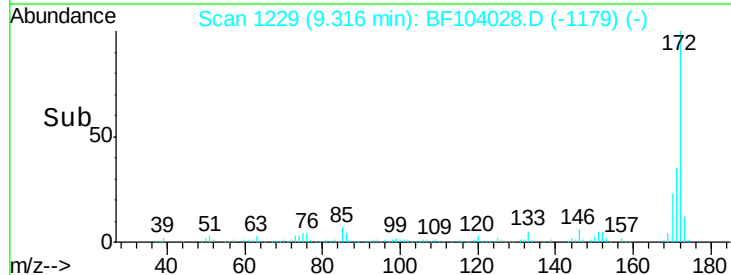
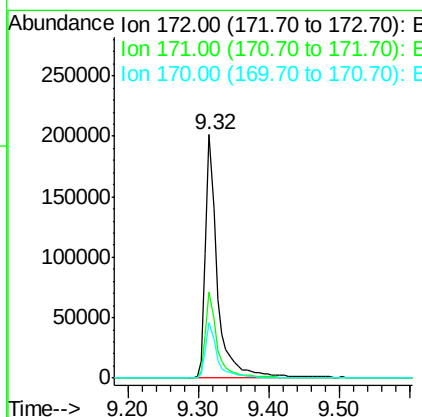
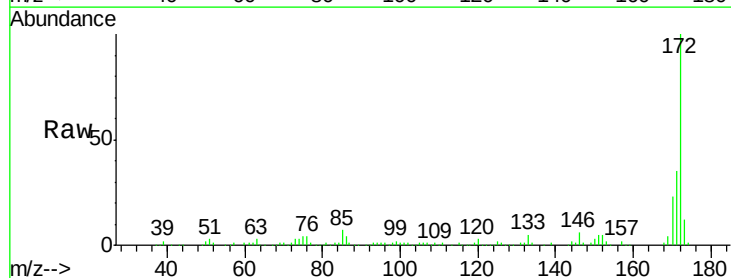
Instrument :
 BNA_F
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 CL-02-032718-D

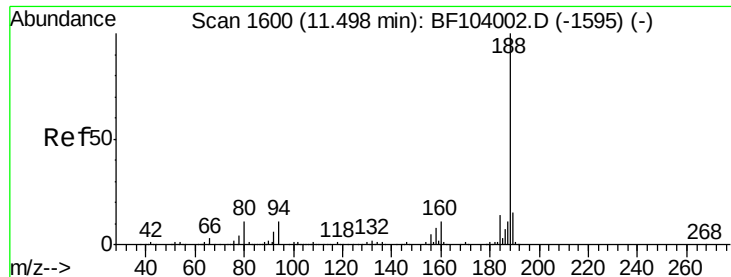
Tot Ion:330 Resp: 39320
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 34.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 18.289 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104028.D
 Acq: 28 Mar 2018 23:21

Tgt Ion:172 Resp: 241912
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 22.7 19.6 29.4

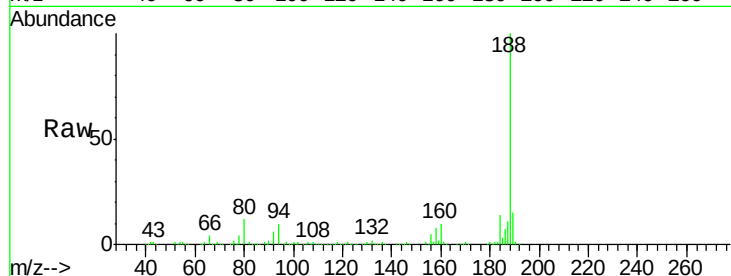




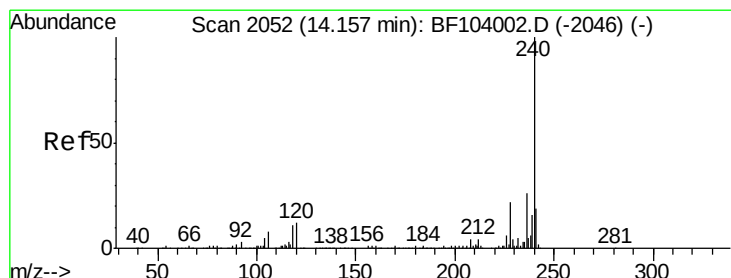
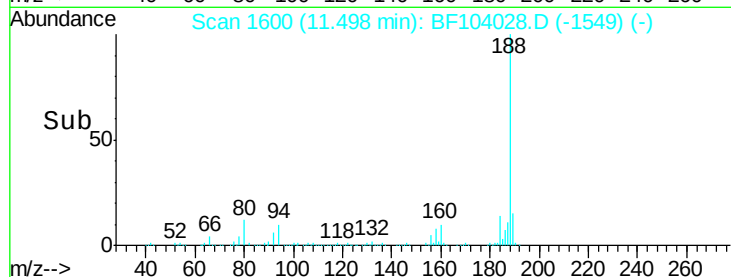
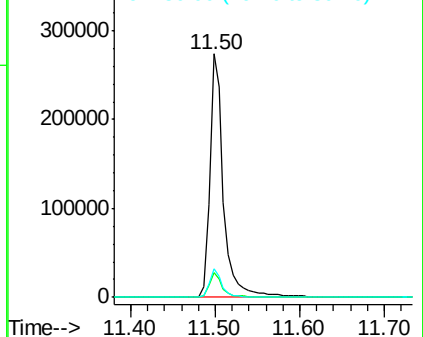
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104028.D
Acq: 28 Mar 2018 23:21

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-D

Tot Ion:188 Resp: 310514
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.8 9.2 13.8

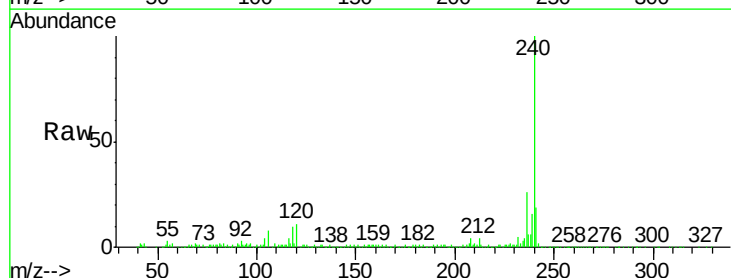


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

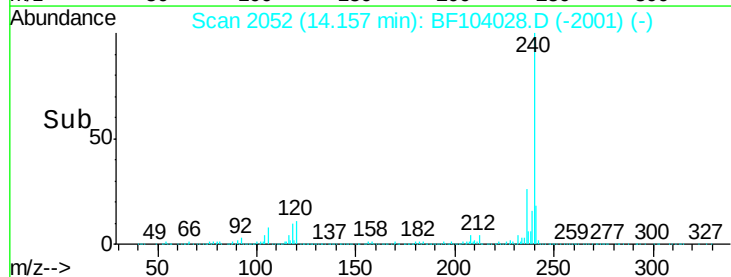
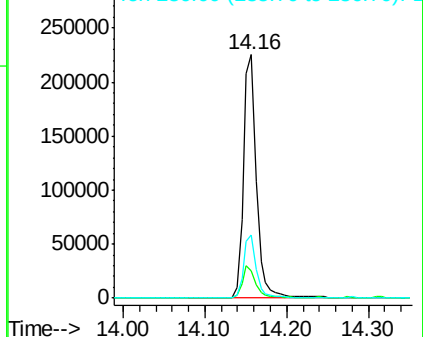


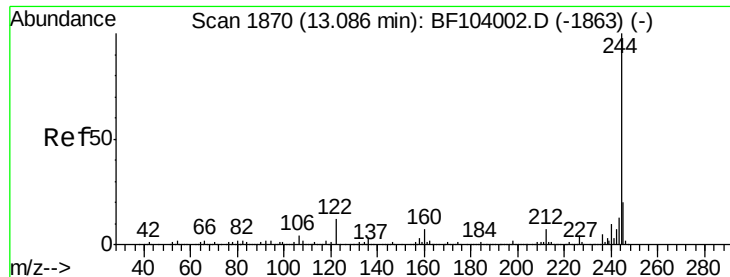
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104028.D
Acq: 28 Mar 2018 23:21

Tgt Ion:240 Resp: 249923
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 25.8 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: 15.785 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104028.D

Acq: 28 Mar 2018 23:21

Instrument :

BNA_F

ClientSampleId :

CL-02-032718-D

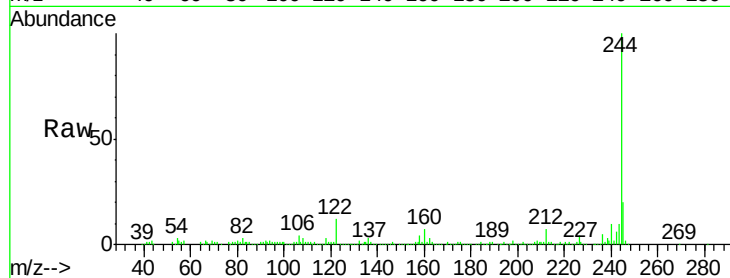
Tot Ion:244 Resp: 170853

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

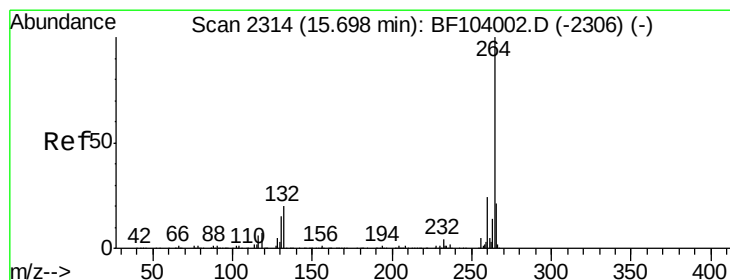
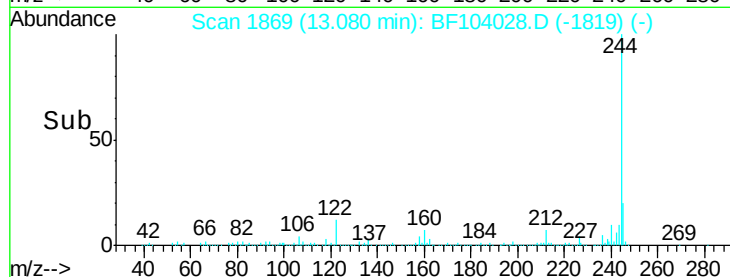
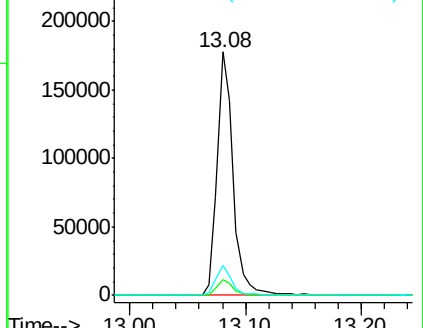
122 12.3 11.0 16.4



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# 2315

Delta R.T. 0.01 min

Lab File: BF104028.D

Acq: 28 Mar 2018 23:21

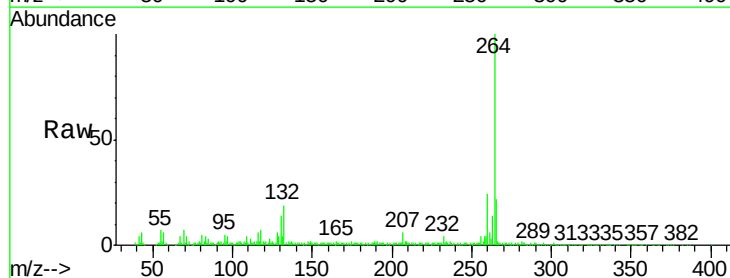
Tgt Ion:264 Resp: 187752

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 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

