

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104846.D
 Acq On : 26 Apr 2018 19:20
 Operator : JU/SJ
 Sample : J2156-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-B

Quant Time: Apr 27 12:30:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

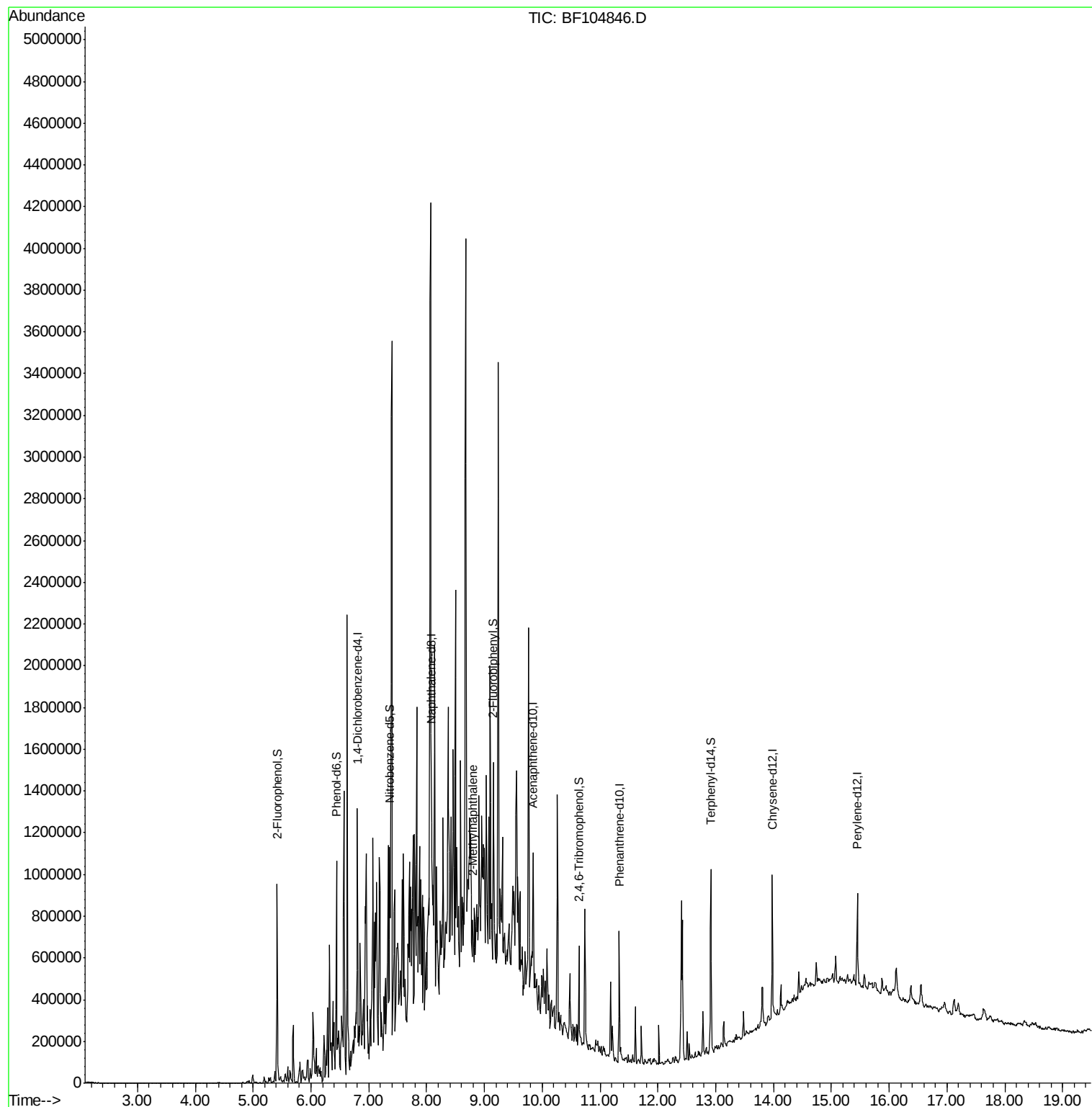
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100538	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	356561	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	136097	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	234343	20.00	ng	0.00
75) Chrysene-d12	13.98	240	229495	20.00	ng	0.00
86) Perylene-d12	15.45	264	155914	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	296311	45.07	ng	0.00
7) Phenol-d6	6.44	99	352368	43.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	207228	37.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	60512	42.86	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	288303	33.46	ng	0.00
78) Terphenyl-d14	12.92	244	276530	27.47	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.80	142	27863	2.426	ng	Qvalue # 87

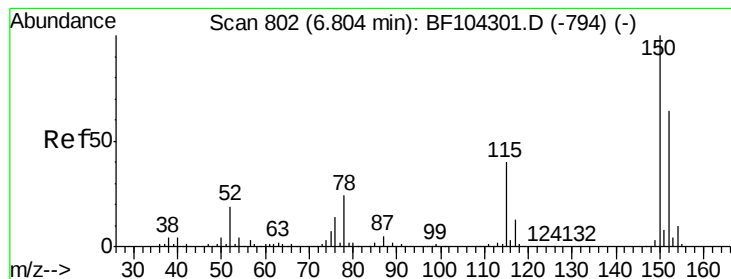
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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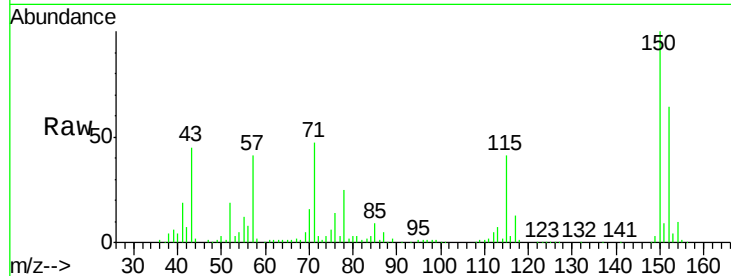




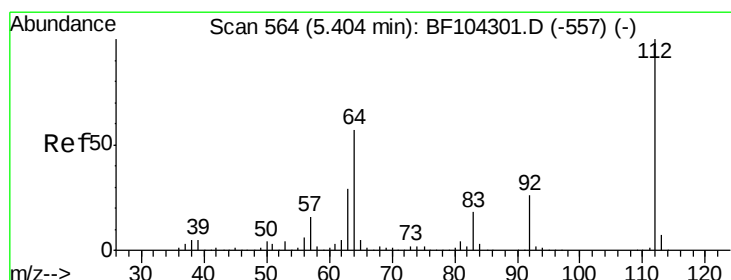
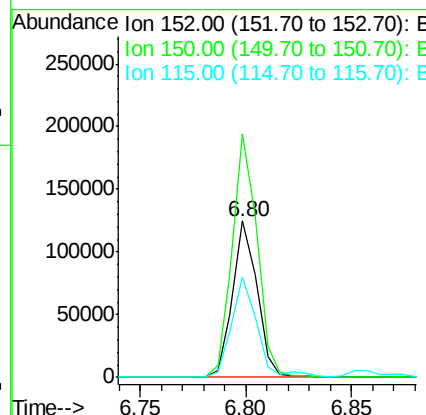
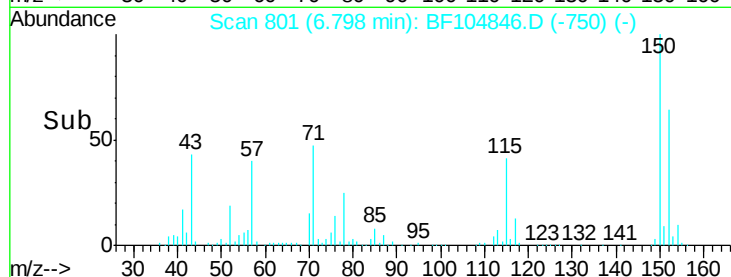
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104846.D
 Acq: 26 Apr 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-B

Tot Ion:152 Resp: 100538
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 63.9 50.1 75.1

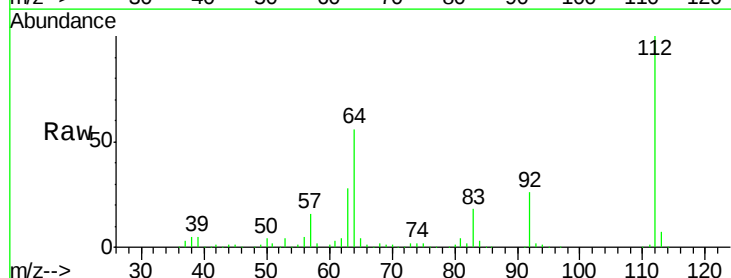


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

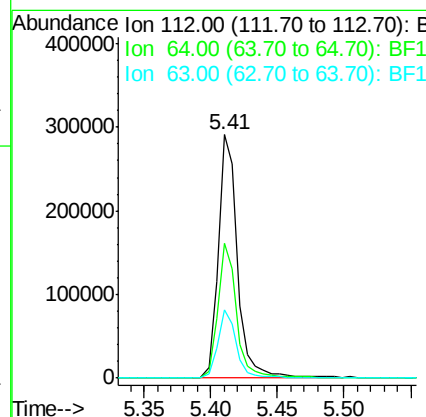
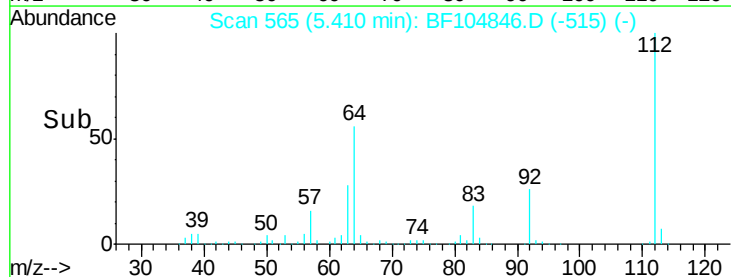


#5
 2-Fluorophenol
 Concen: 45.065 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF104846.D
 Acq: 26 Apr 2018 19:20

Tgt Ion:112 Resp: 296311
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 28.0 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: 43.617 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104846.D

Acq: 26 Apr 2018 19:20

Instrument :

BNA_F

ClientSampleId :

HR-05-042518-B

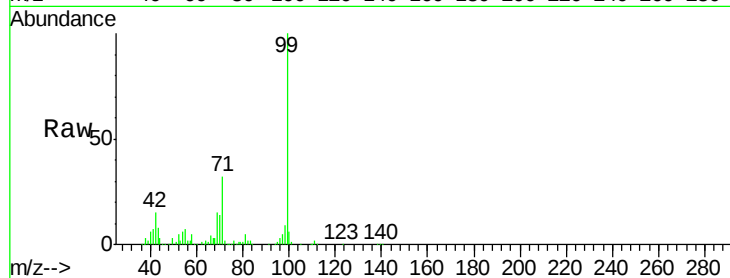
Tot Ion: 99 Resp: 352368

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

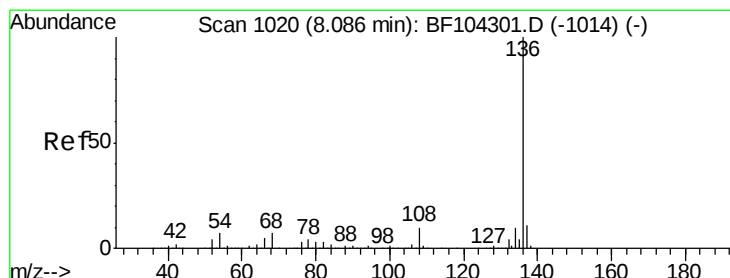
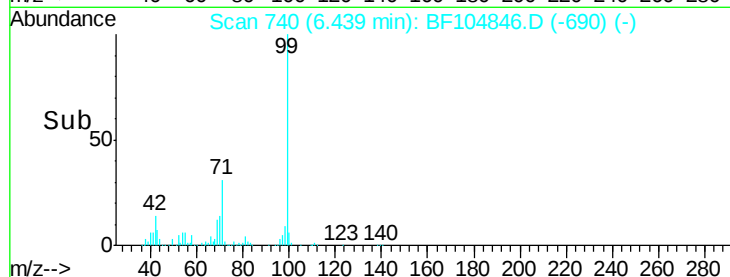
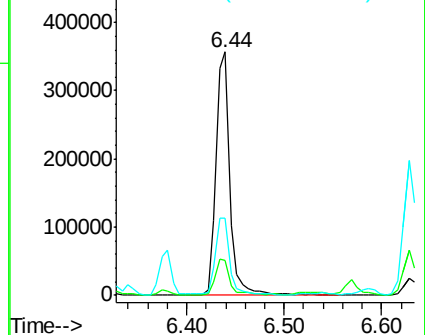
71 31.7 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104846.D

Acq: 26 Apr 2018 19:20

Tgt Ion: 136 Resp: 356561

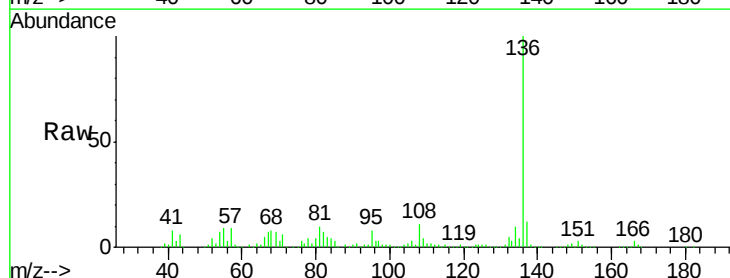
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 7.3 6.6 9.8

68 7.6 5.0 7.4#

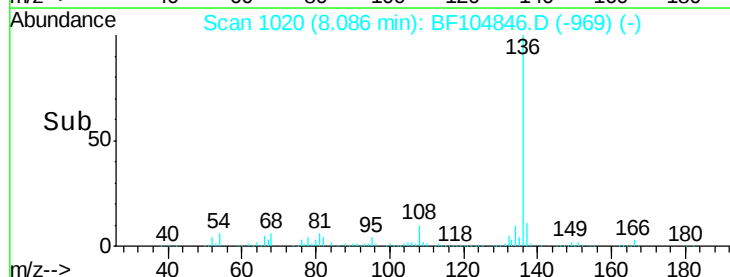
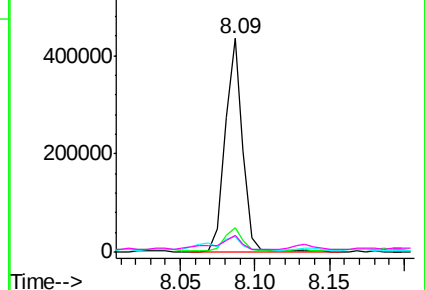


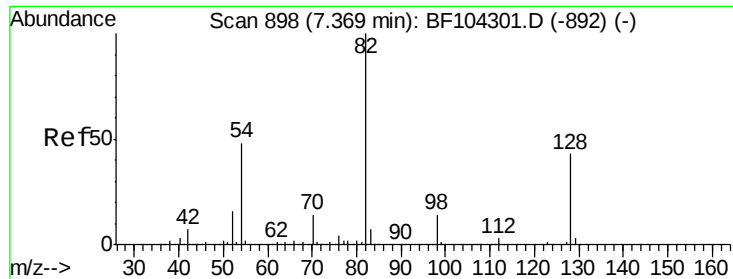
Abundance Ion 136.00 (135.70 to 136.70): E

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

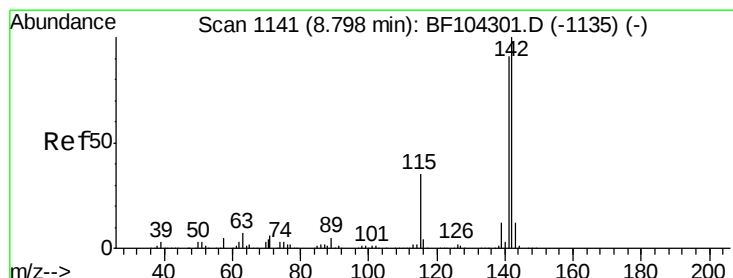
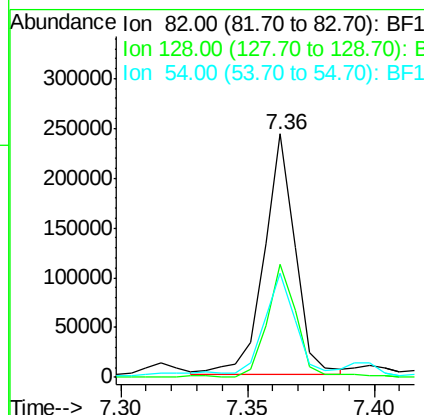
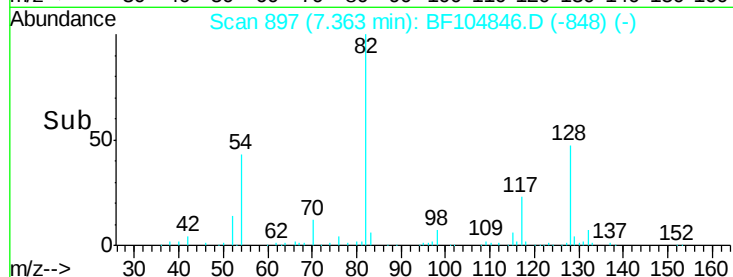
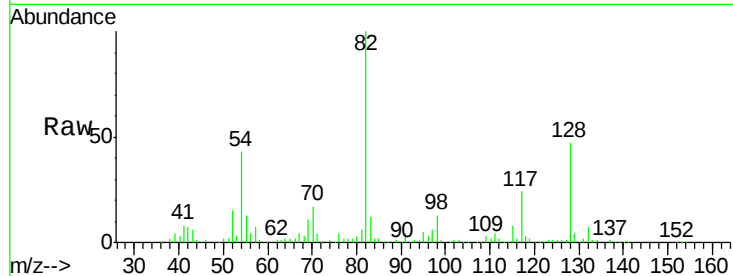




#23
Nitrobenzene-d5
Concen: 37.950 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104846.D
Acq: 26 Apr 2018 19:20

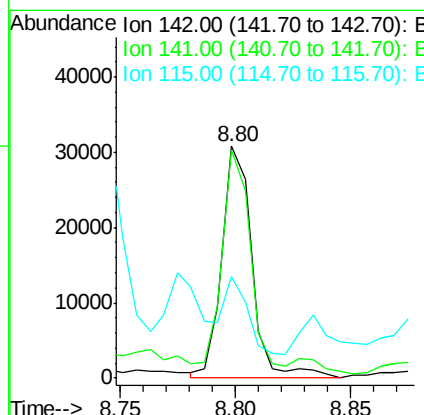
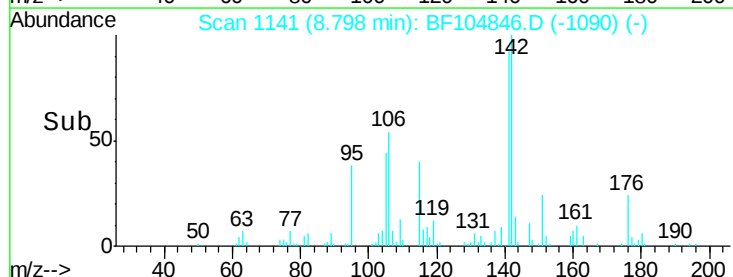
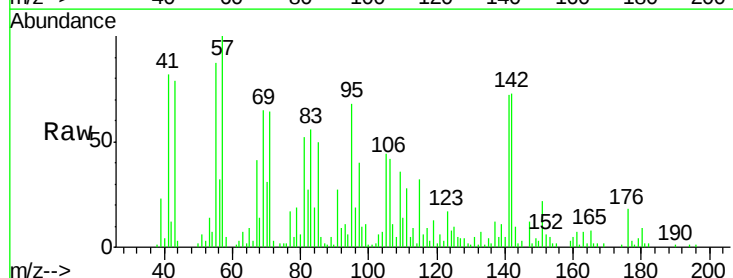
Instrument :
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ClientSampleId :
HR-05-042518-B

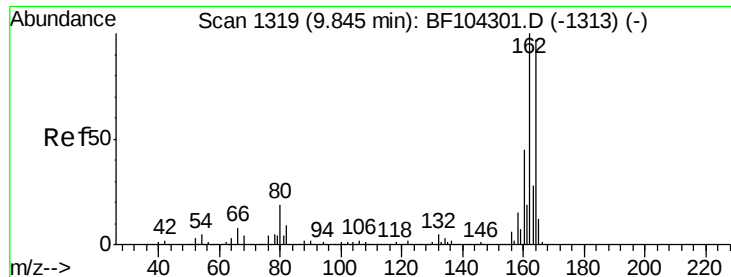
Tot Ion: 82 Resp: 207228
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 42.9 41.4 62.2



#37
2-Methylnaphthalene
Concen: 2.426 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104846.D
Acq: 26 Apr 2018 19:20

Tgt Ion: 142 Resp: 27863
Ion Ratio Lower Upper
142 100
141 98.3 70.8 106.2
115 43.8 26.1 39.1#

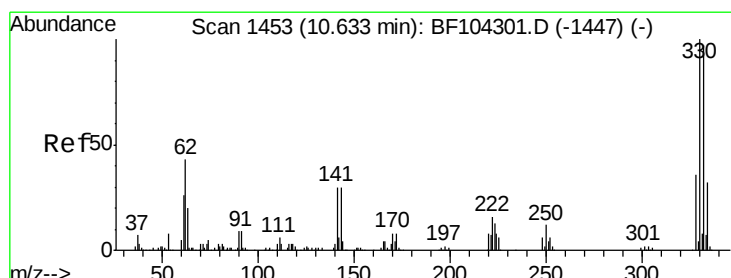
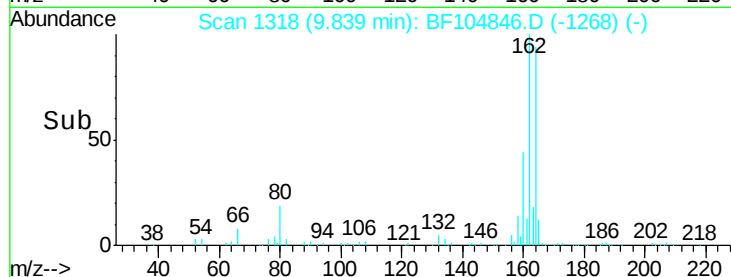
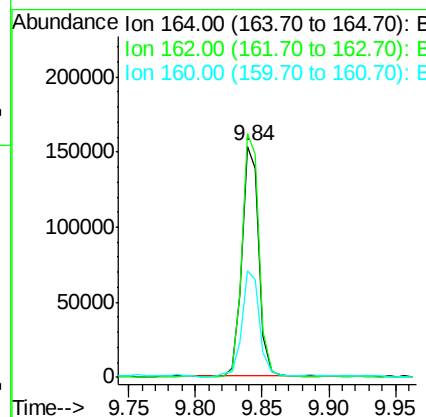
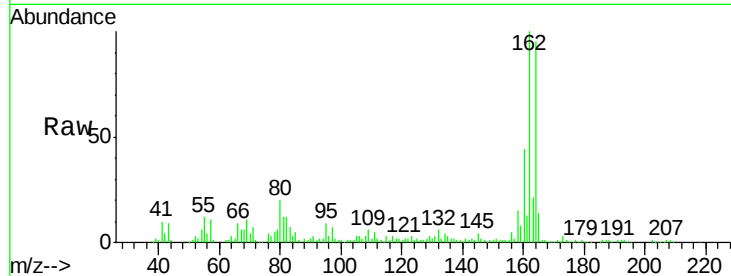




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104846.D
 Acq: 26 Apr 2018 19:20

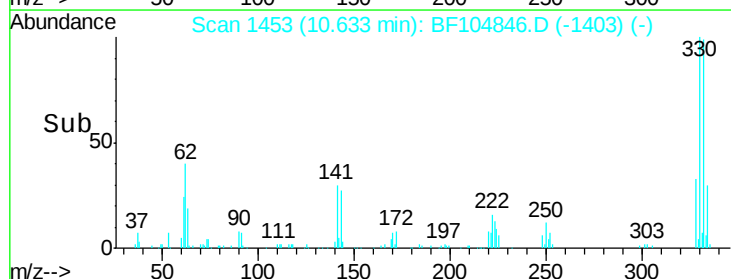
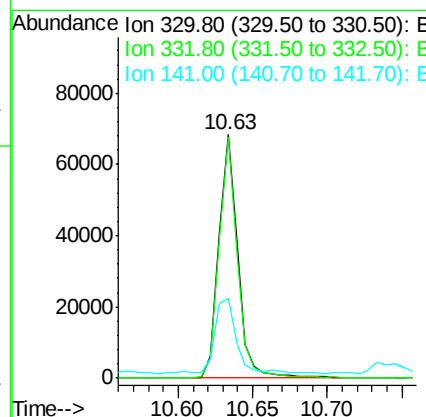
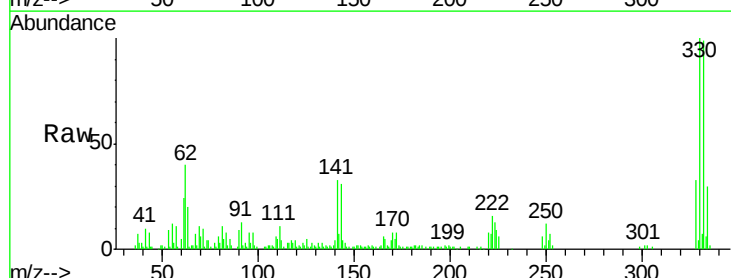
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-B

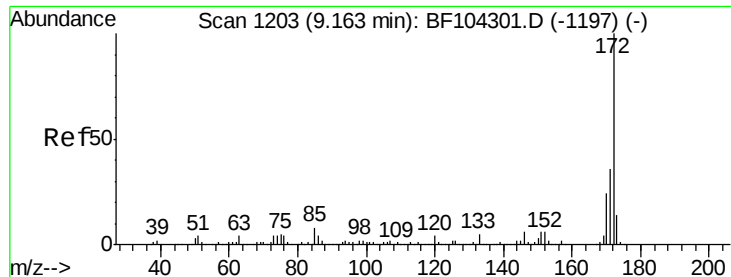
Tot Ion:164 Resp: 136097
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 42.862 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104846.D
 Acq: 26 Apr 2018 19:20

Tgt Ion:330 Resp: 60512
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.9 29.9 44.9

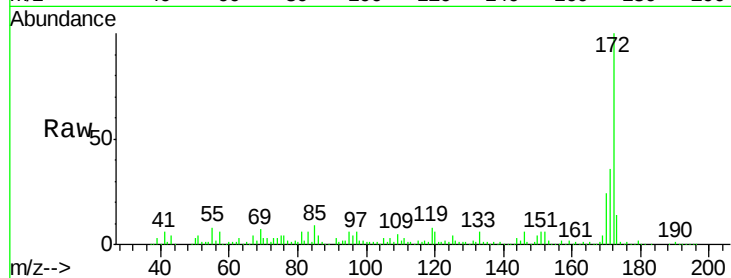




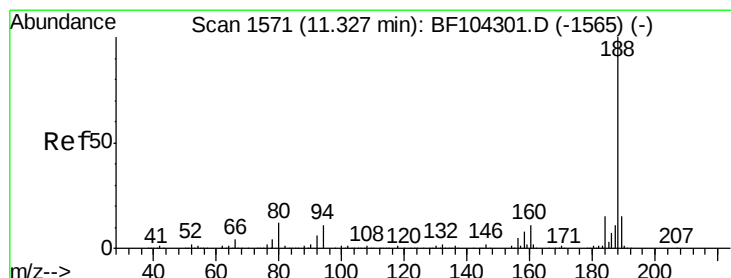
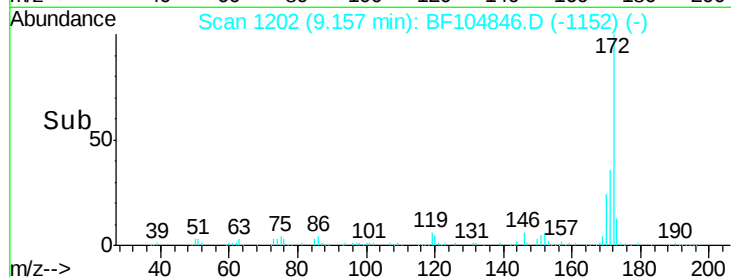
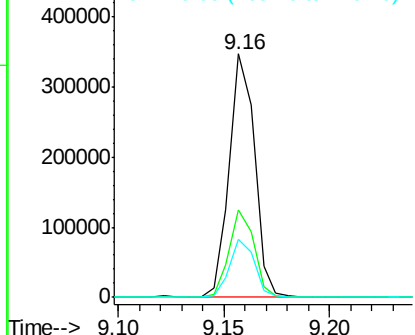
#44
 2-Fluorobiphenyl
 Concen: 33.465 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104846.D
 Acq: 26 Apr 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-B

Tot Ion:172 Resp: 288303
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 19.6 29.4

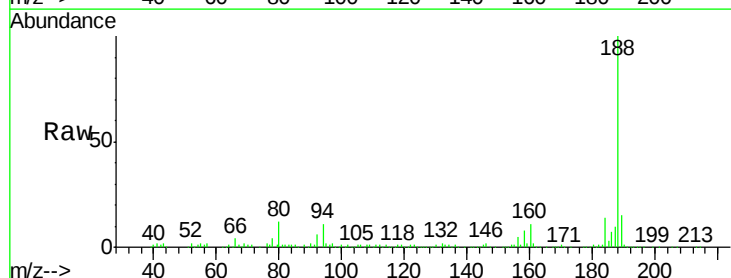


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

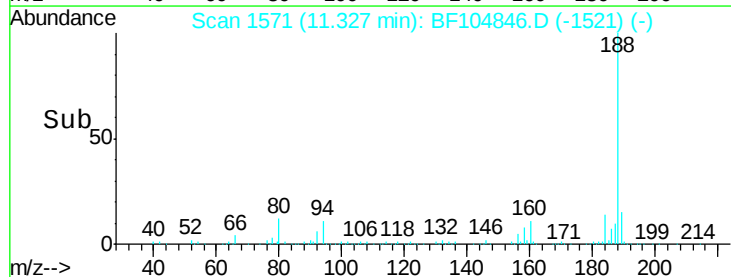
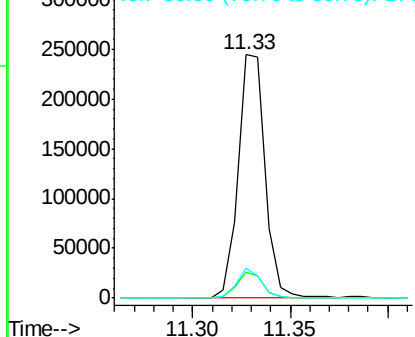


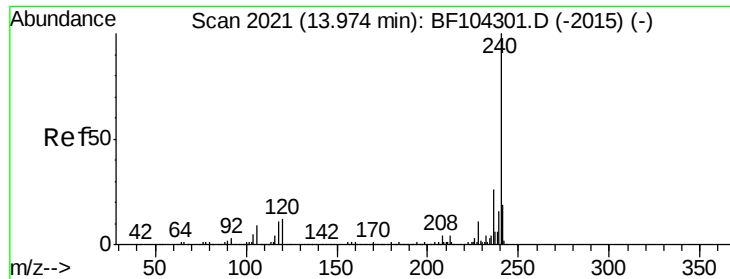
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104846.D
 Acq: 26 Apr 2018 19:20

Tgt Ion:188 Resp: 234343
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 12.1 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

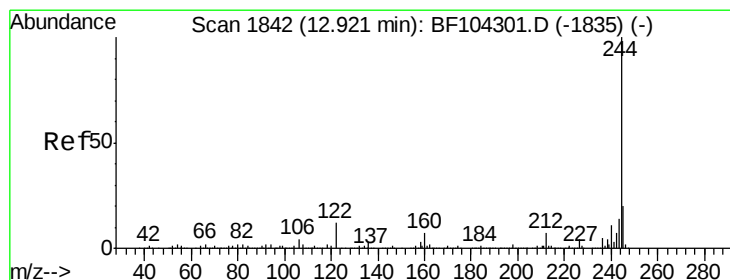
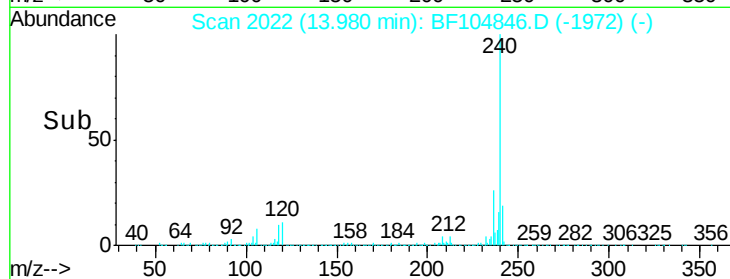
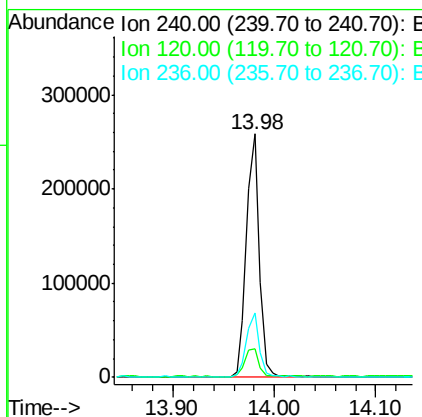
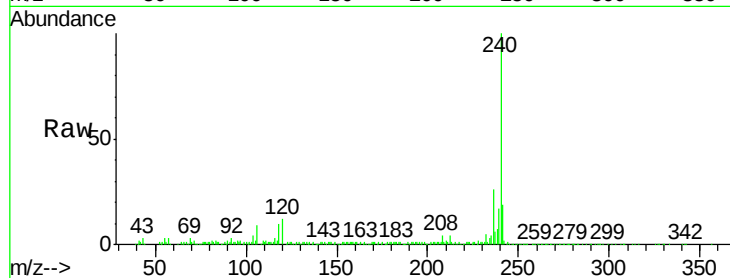




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104846.D
 Acq: 26 Apr 2018 19:20

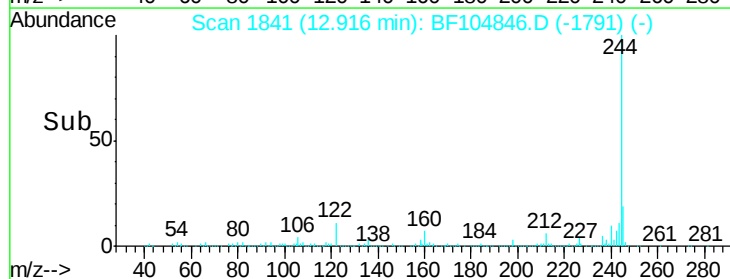
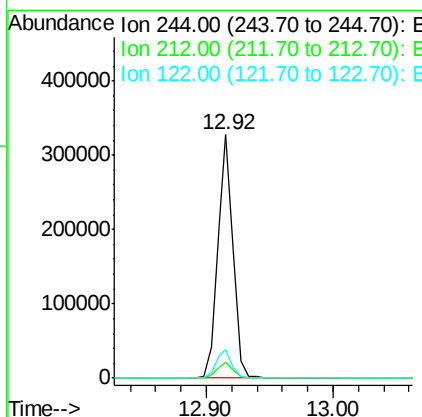
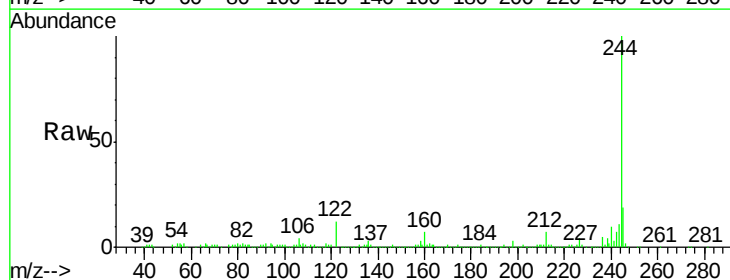
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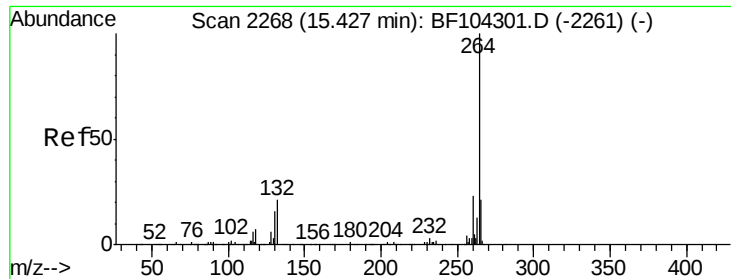
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.2	20.7	31.1



#78
 Terphenyl-d14
 Concen: 27.471 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104846.D
 Acq: 26 Apr 2018 19:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104846.D
Acq: 26 Apr 2018 19:20

Instrument :
BNA_F
ClientSampleId :
HR-05-042518-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	23.2	17.5	26.3

