

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103939.D
 Acq On : 26 Mar 2018 21:40
 Operator : JU/SJ
 Sample : J1760-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-032318-A

Quant Time: Mar 27 08:21:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148997	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	594347	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	262978	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	427718	20.00	ng	0.00
75) Chrysene-d12	14.16	240	308989	20.00	ng	0.00
86) Perylene-d12	15.71	264	263774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	512506	52.32	ng	0.00
7) Phenol-d6	6.59	99	612421	51.10	ng	0.00
23) Nitrobenzene-d5	7.53	82	360060	42.25	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	142938	63.22	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	629711	38.20	ng	0.00
78) Terphenyl-d14	13.09	244	484558	36.40	ng	0.00

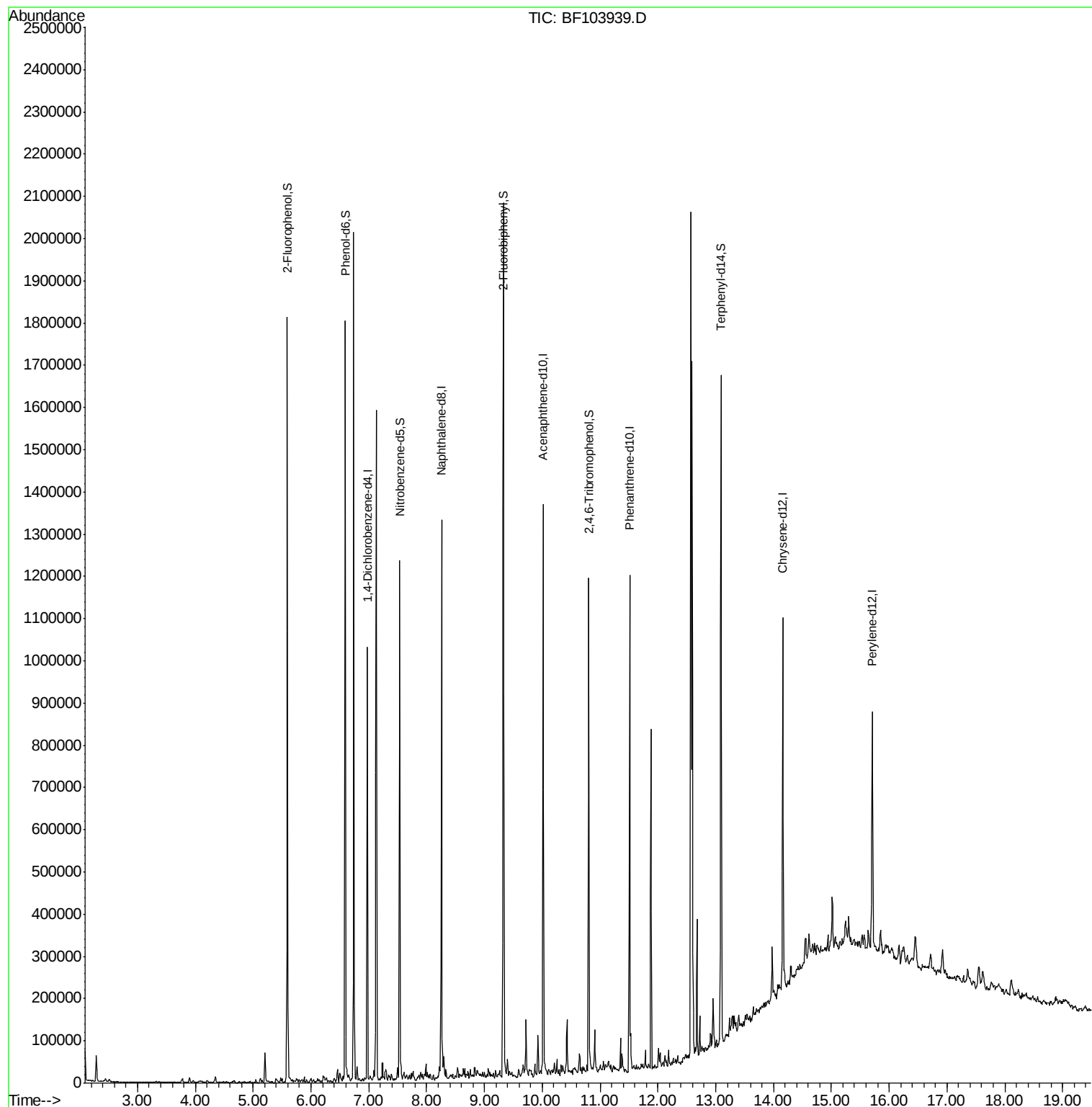
Target Compounds Qvalue

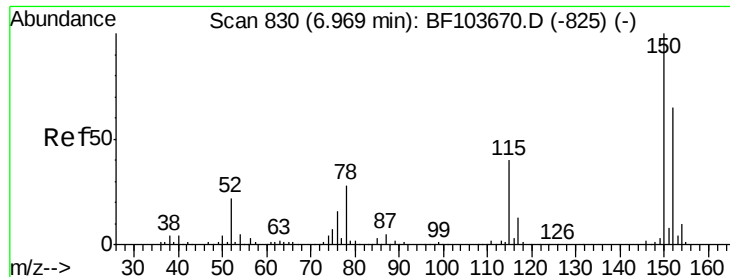
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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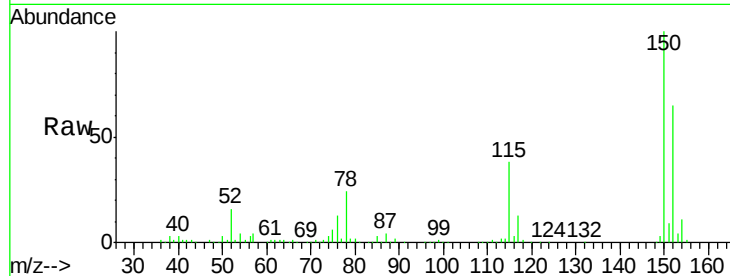


#1

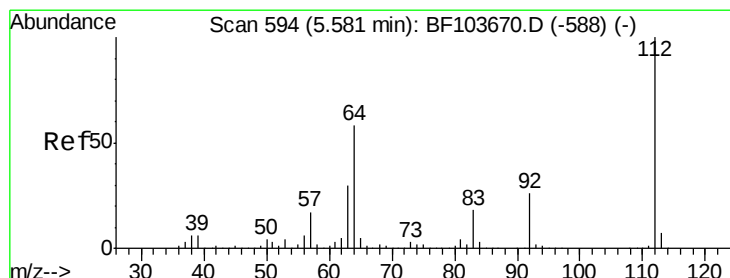
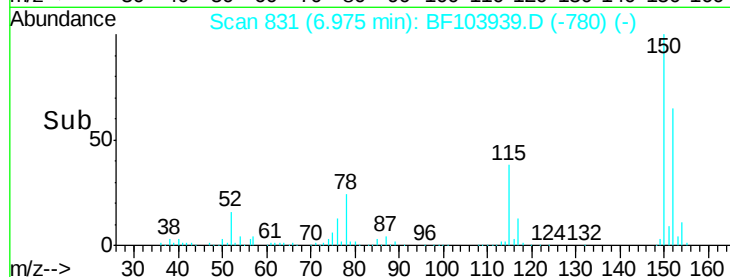
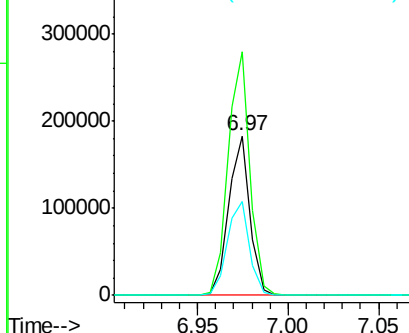
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103939.D
Acq: 26 Mar 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SU-04-032318-A

Tot Ion:152 Resp: 148997
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 58.5 50.1 75.1



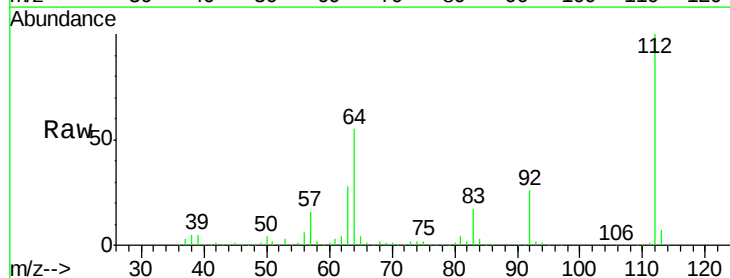
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



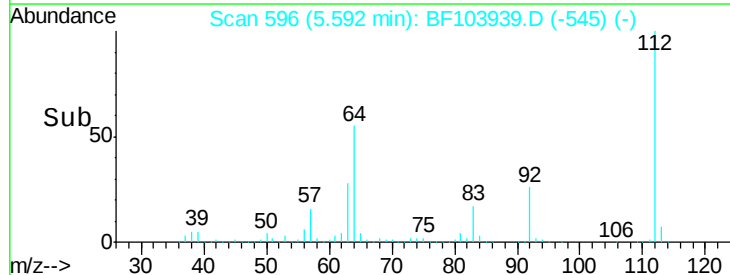
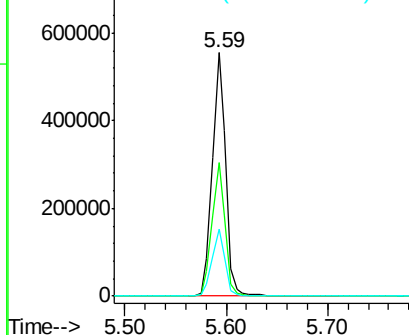
#5

2-Fluorophenol
Concen: 52.318 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103939.D
Acq: 26 Mar 2018 21:40

Tgt Ion:112 Resp: 512506
Ion Ratio Lower Upper
112 100
64 55.0 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: 51.100 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103939.D

Acq: 26 Mar 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SU-04-032318-A

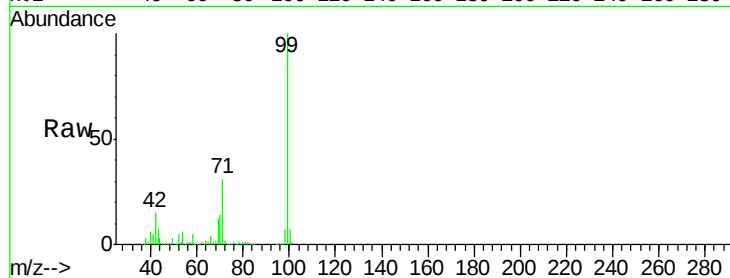
Tot Ion: 99 Resp: 612421

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

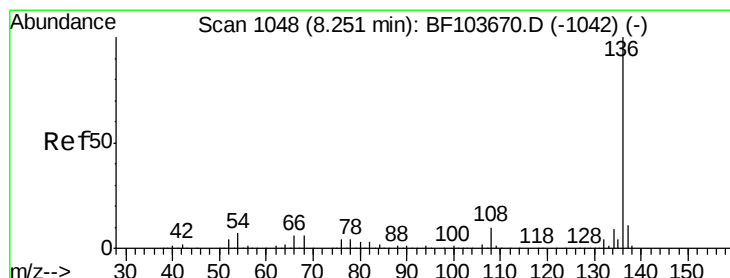
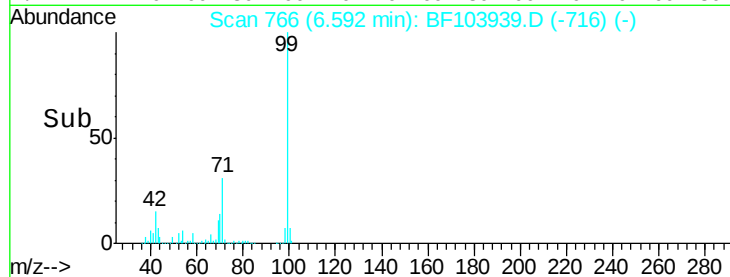
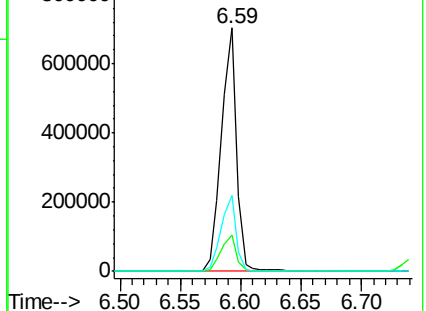
71 31.0 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103939.D

Acq: 26 Mar 2018 21:40

Tgt Ion: 136 Resp: 594347

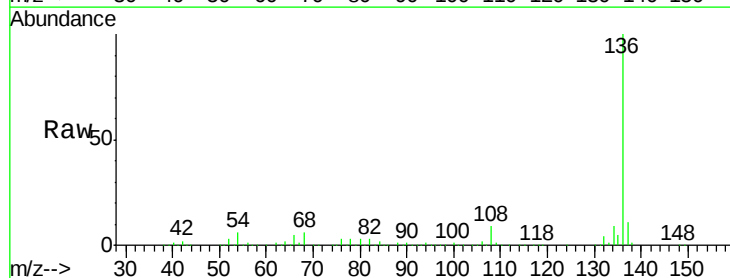
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4

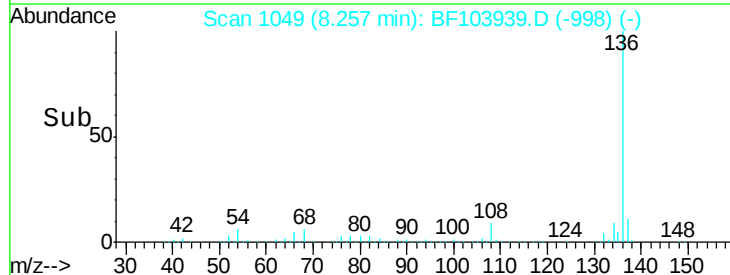
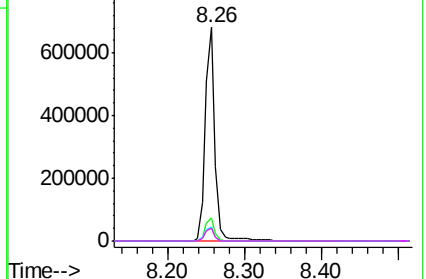


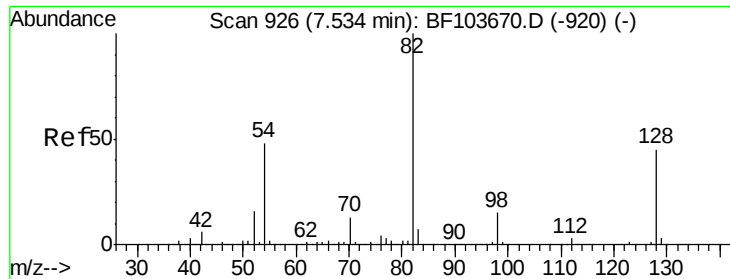
Abundance Ion 136.00 (135.70 to 136.70): E

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

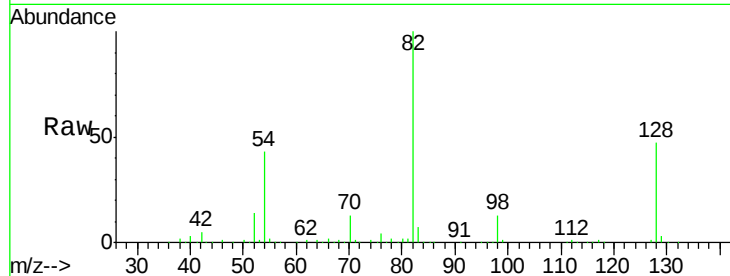




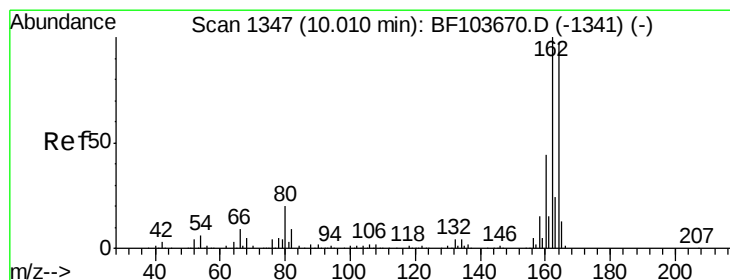
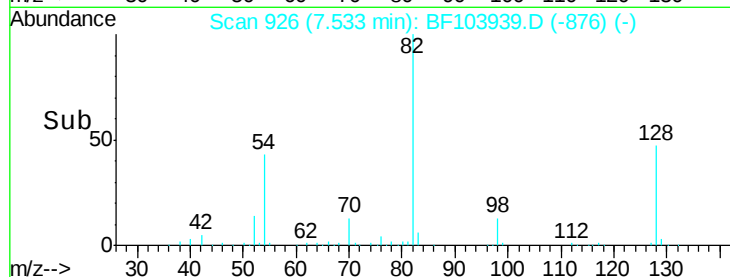
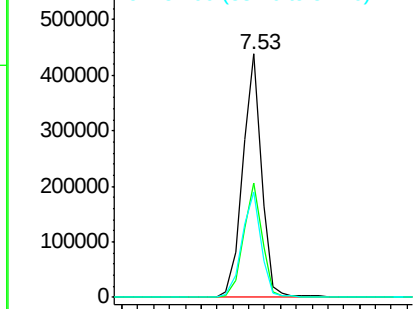
#23
 Nitrobenzene-d5
 Concen: 42.247 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103939.D
 Acq: 26 Mar 2018 21:40

Instrument :
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Tot Ion: 82 Resp: 360060
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 43.3 41.4 62.2

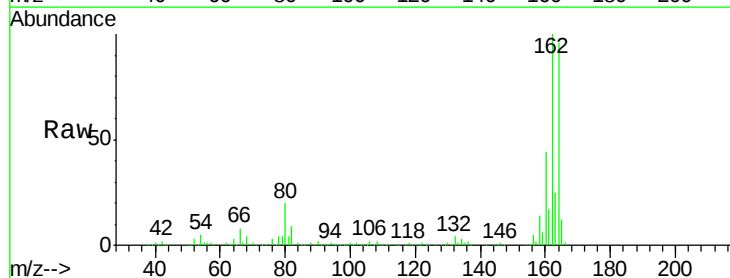


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

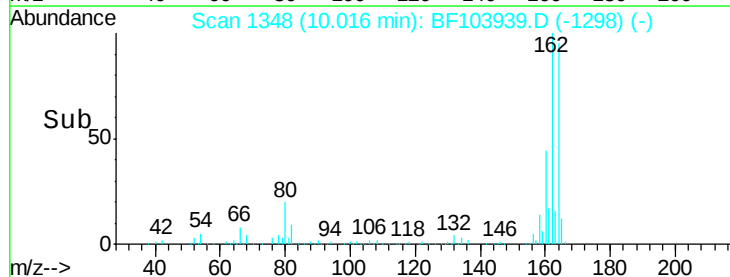
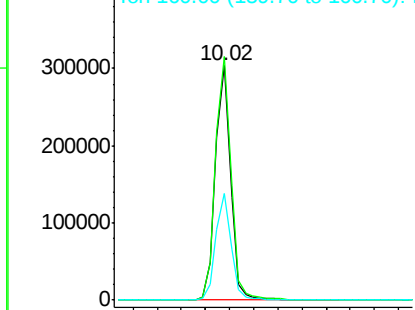


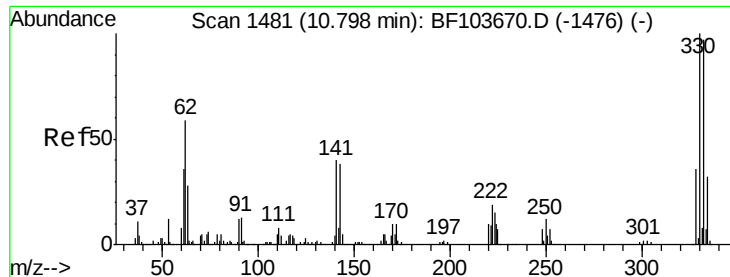
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103939.D
 Acq: 26 Mar 2018 21:40

Tgt Ion: 164 Resp: 262978
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 45.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

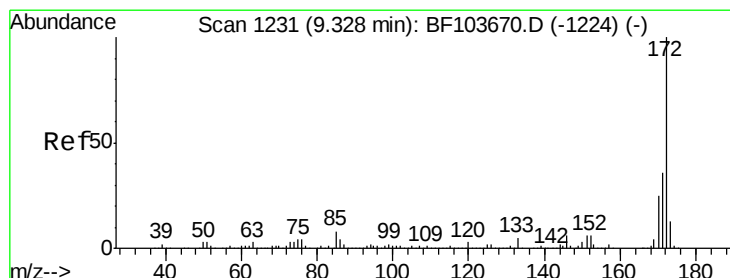
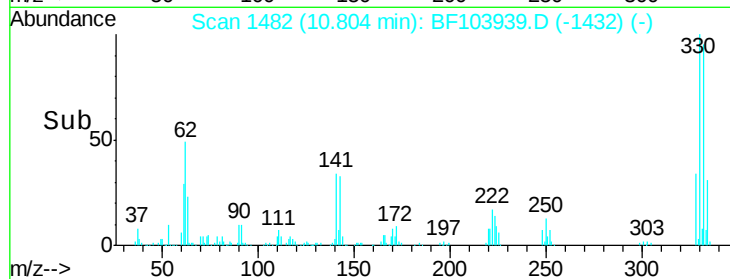
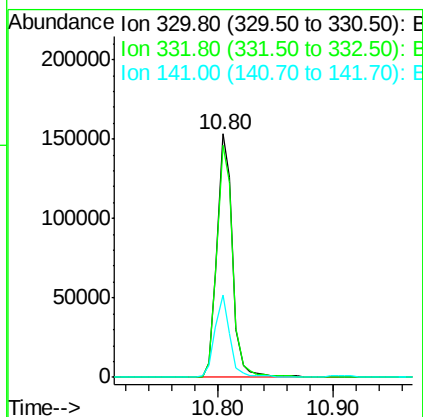
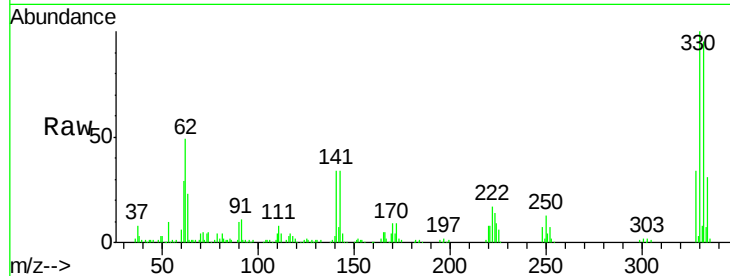




#41
 2,4,6-Tribromophenol
 Concen: 63.216 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103939.D
 Acq: 26 Mar 2018 21:40

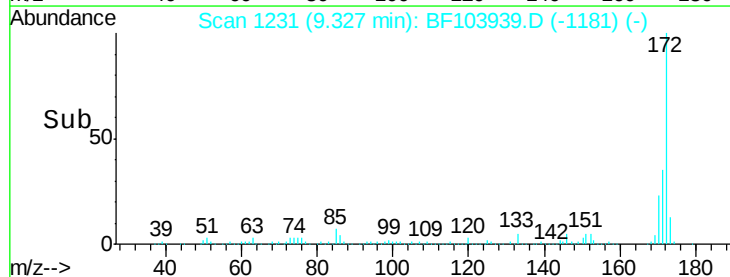
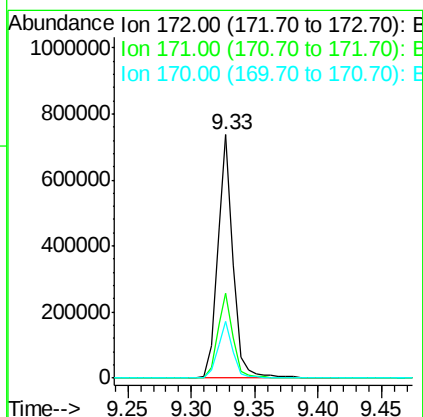
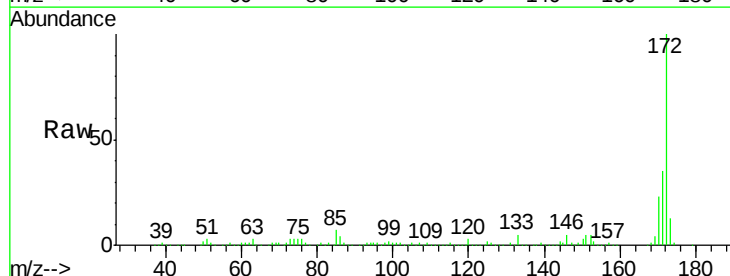
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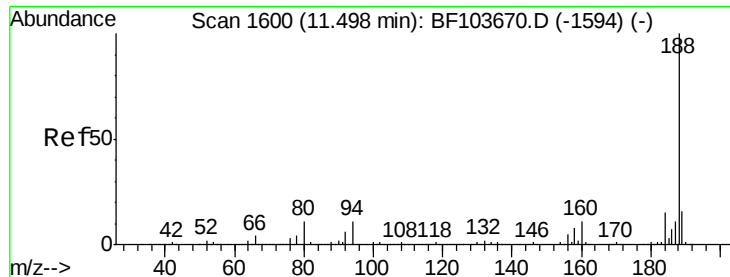
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 38.196 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103939.D
 Acq: 26 Mar 2018 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.4	19.6	29.4

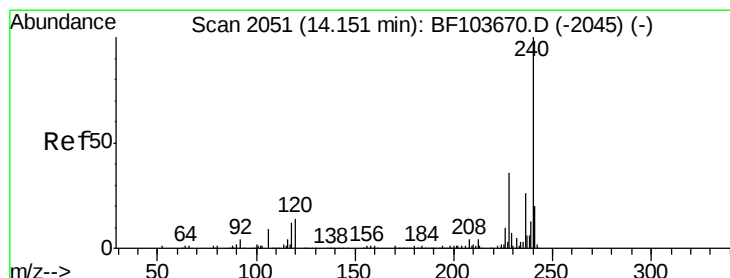
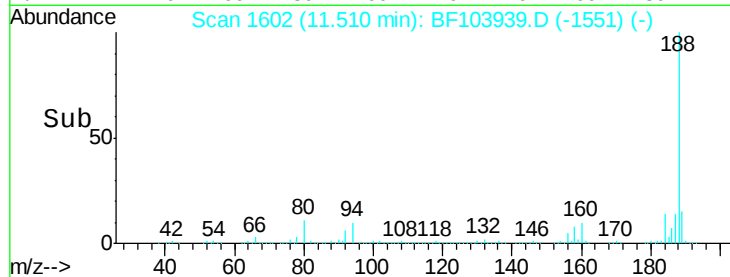
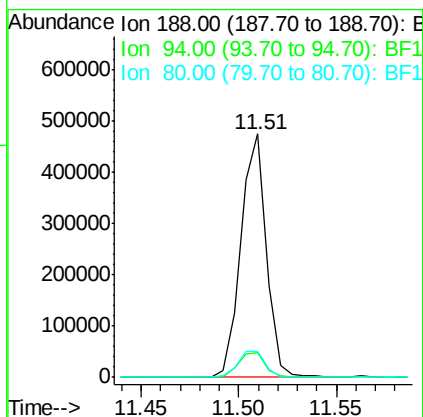
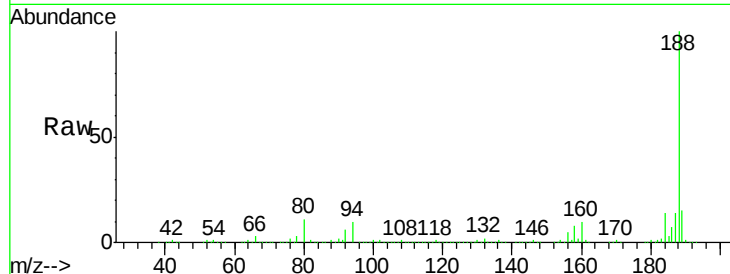




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103939.D
Acq: 26 Mar 2018 21:40

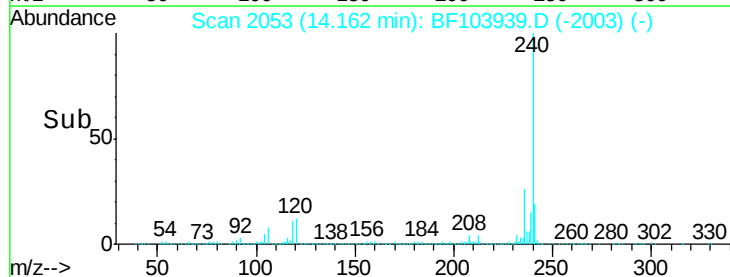
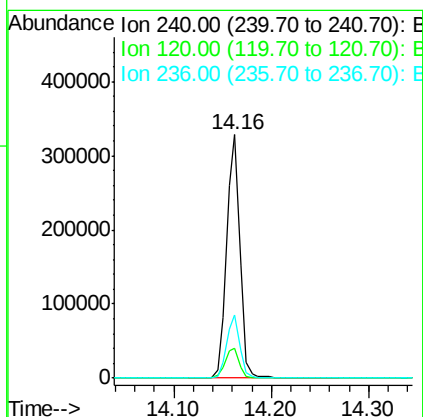
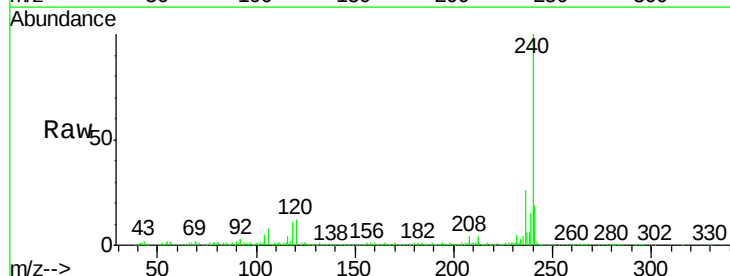
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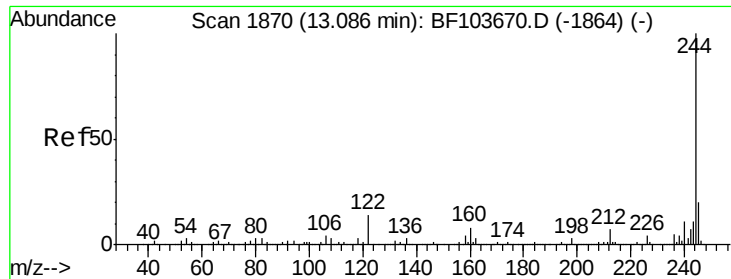
Tot Ion:188 Resp: 427718
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103939.D
Acq: 26 Mar 2018 21:40

Tgt Ion:240 Resp: 308989
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.8 20.7 31.1

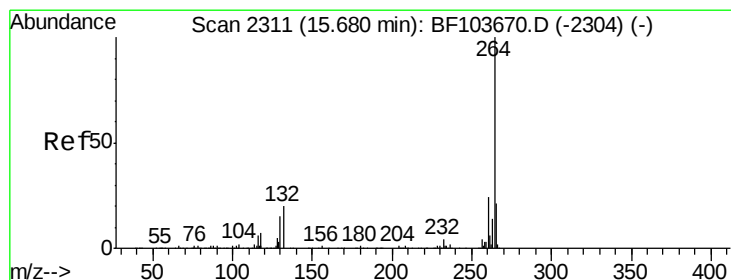
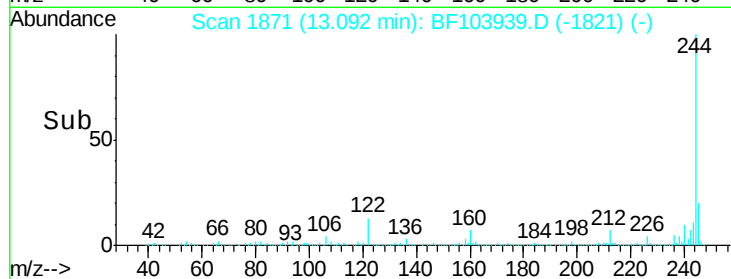
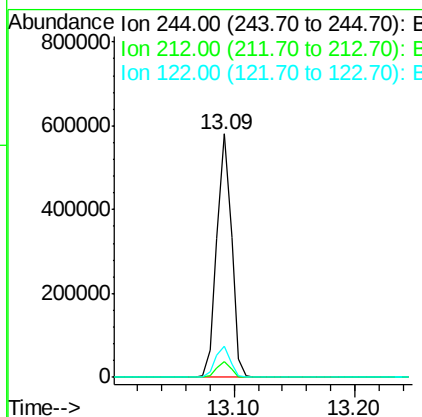
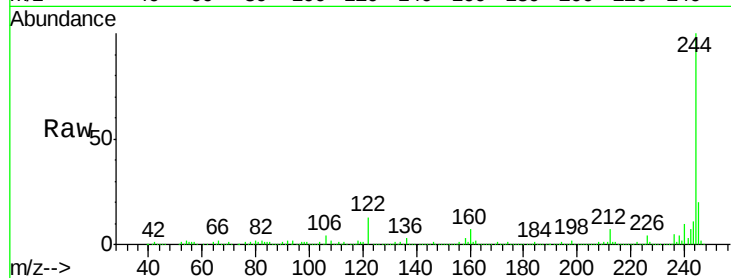




#78
 Terphenyl-d14
 Concen: 36.400 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103939.D
 Acq: 26 Mar 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-032318-A

Tot Ion:244 Resp: 484558
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103939.D
 Acq: 26 Mar 2018 21:40

Tgt Ion:264 Resp: 263774
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.9 17.5 26.3

