

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105010.D
 Acq On : 2 May 2018 4:40
 Operator : JU/SJ
 Sample : J2645-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-S

Quant Time: May 02 08:06:29 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110264	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	461249	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210050	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	349085	20.00	ng	0.00
75) Chrysene-d12	14.00	240	240699	20.00	ng	0.02
86) Perylene-d12	15.53	264	209093	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	304539	42.23	ng	0.00
7) Phenol-d6	6.42	99	232554	26.25	ng	-0.01
23) Nitrobenzene-d5	7.36	82	691970	97.96	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	183734	84.32	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1234062	92.81	ng	0.00
78) Terphenyl-d14	12.91	244	1029147	97.48	ng	0.00

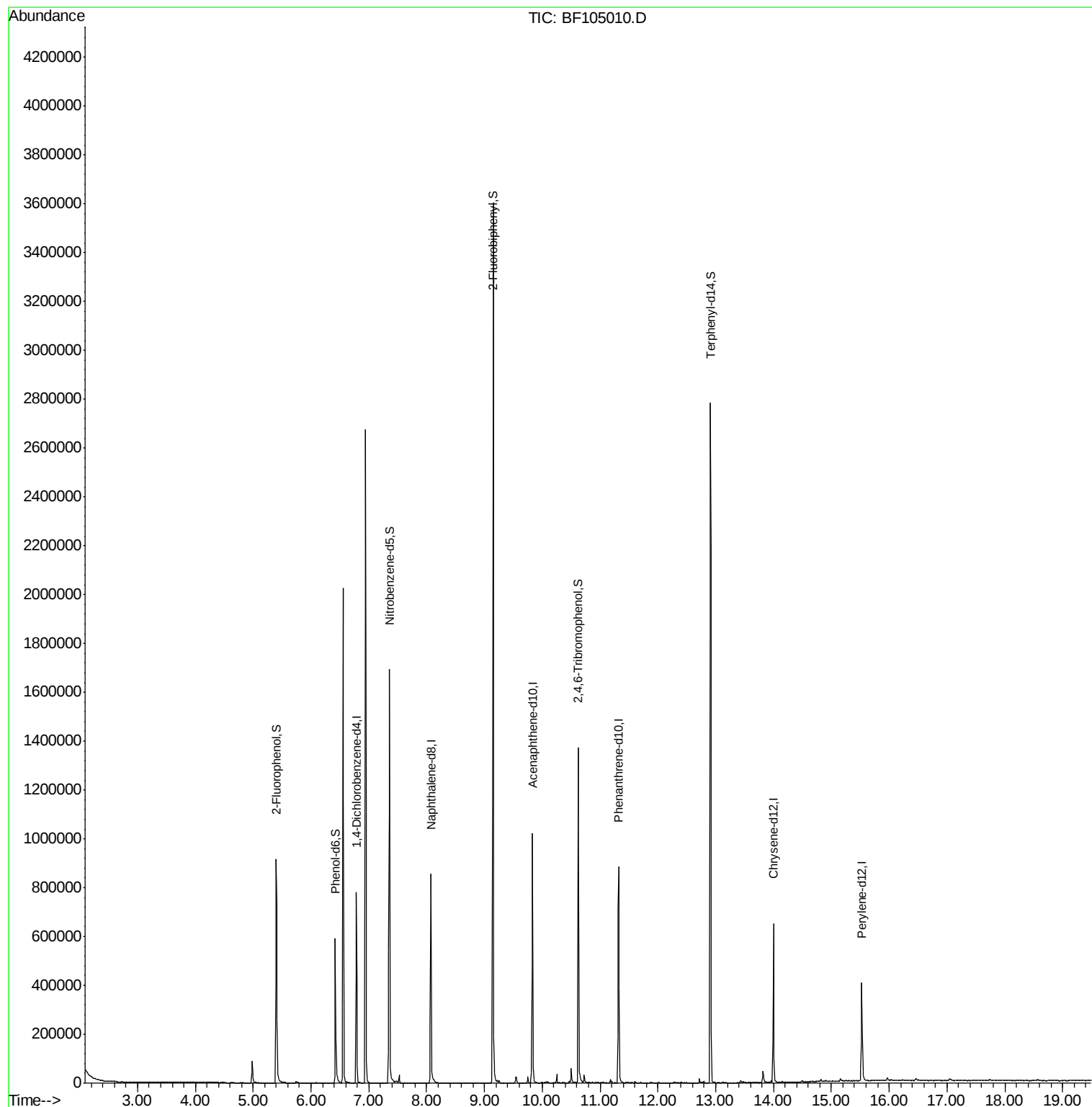
Target Compounds	Qvalue
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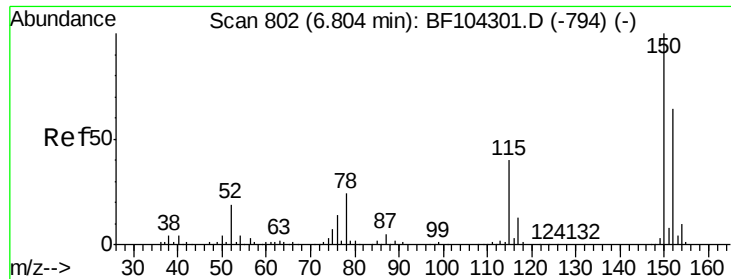
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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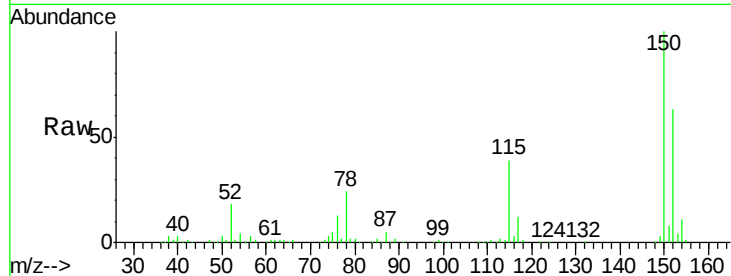


#1

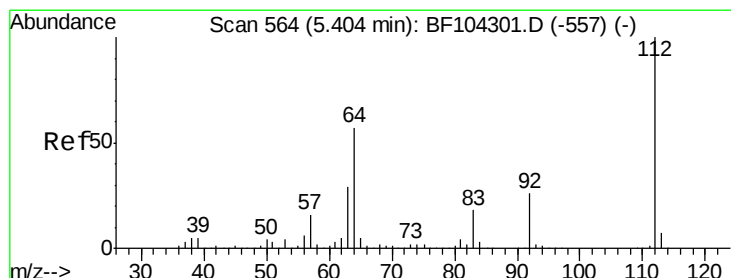
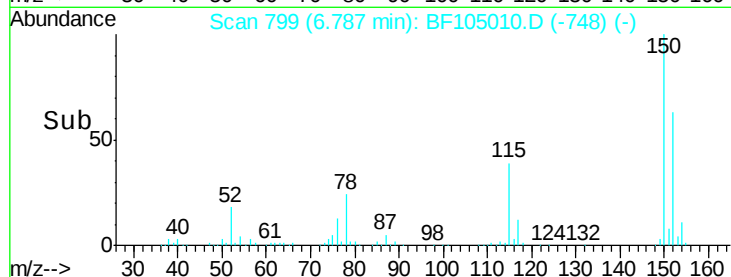
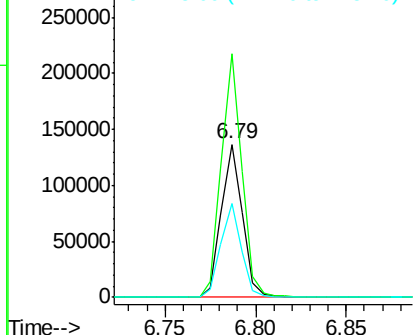
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-S

Tgt Ion:152 Resp: 110264
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 61.6 50.1 75.1



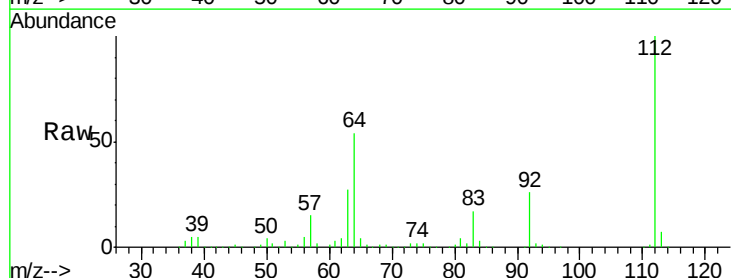
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



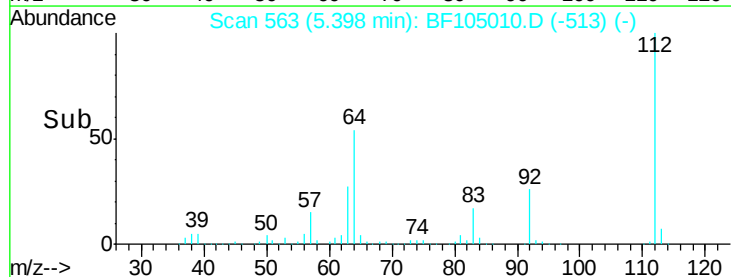
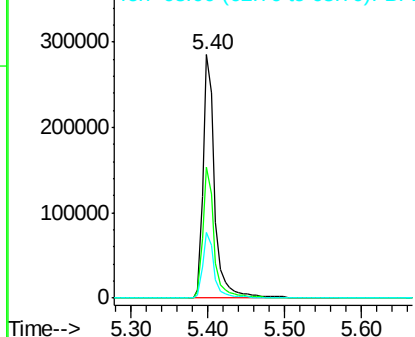
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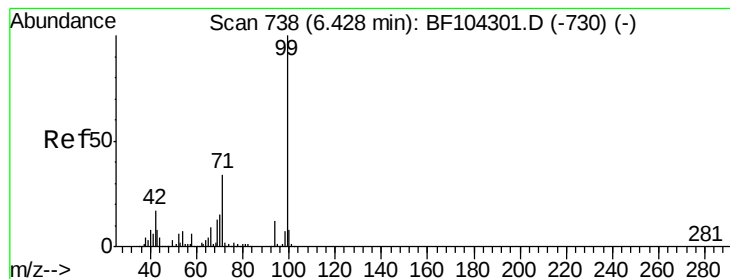
2-Fluorophenol
 Concen: 42.231 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

Tgt Ion:112 Resp: 304539
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.9 71.9
 63 27.2 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: 26.247 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105010.D

Acq: 2 May 2018 4:40

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-S

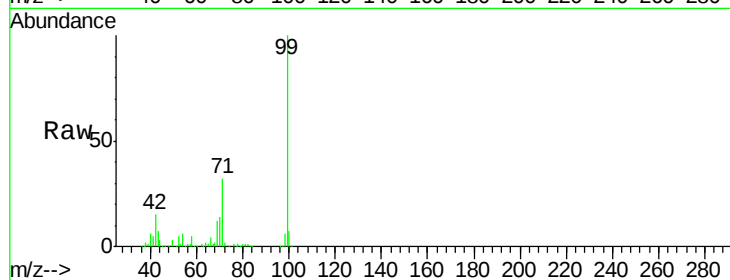
Tgt Ion: 99 Resp: 232554

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

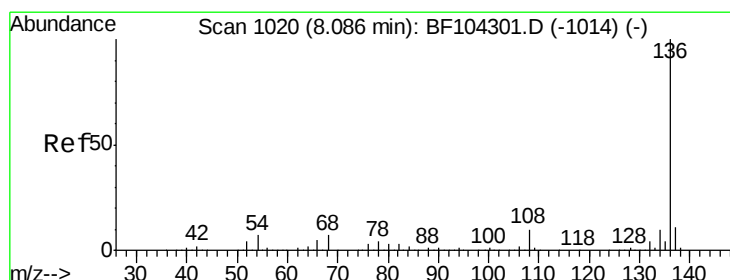
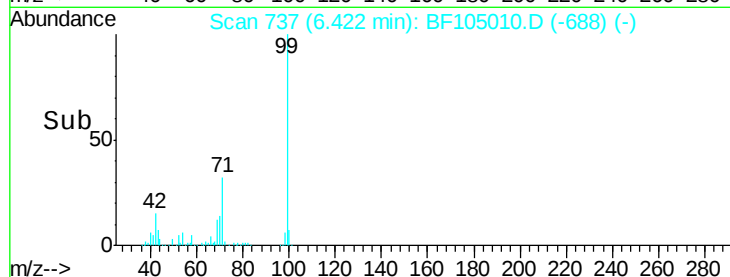
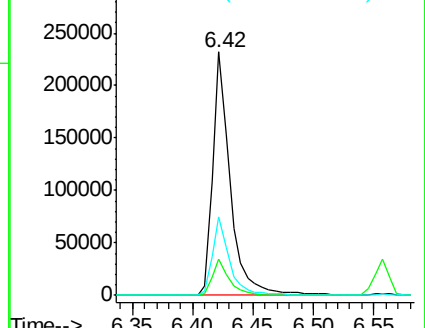
71 32.2 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105010.D

Acq: 2 May 2018 4:40

Tgt Ion: 136 Resp: 461249

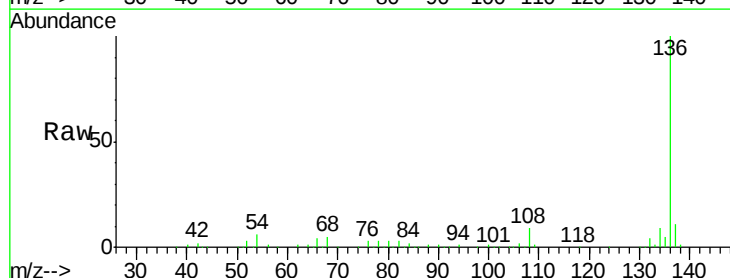
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 5.2 5.0 7.4

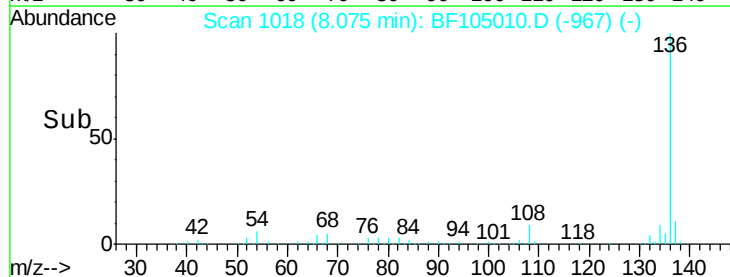
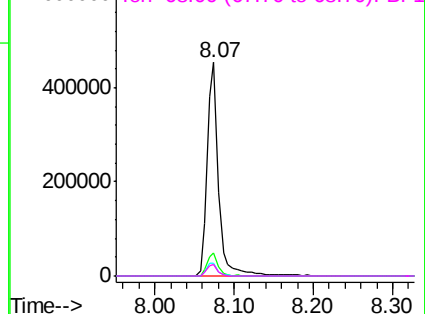


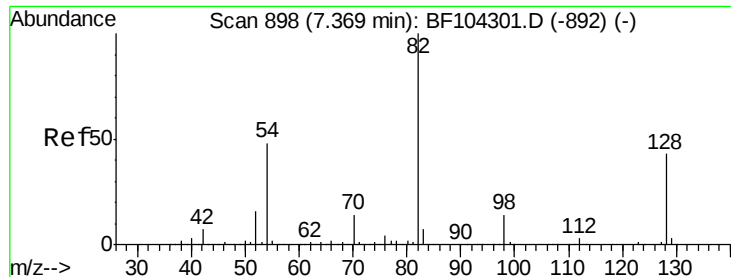
Abundance Ion 136.00 (135.70 to 136.70): E

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

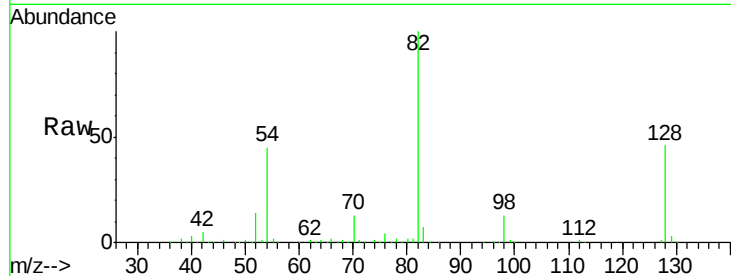




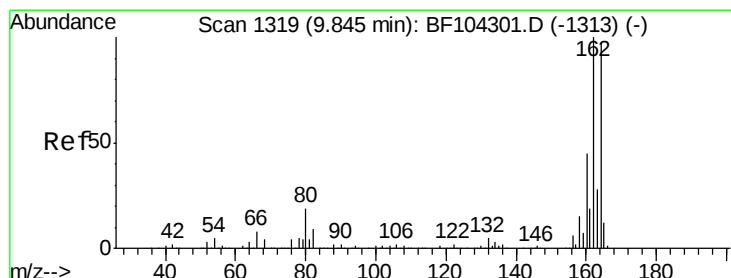
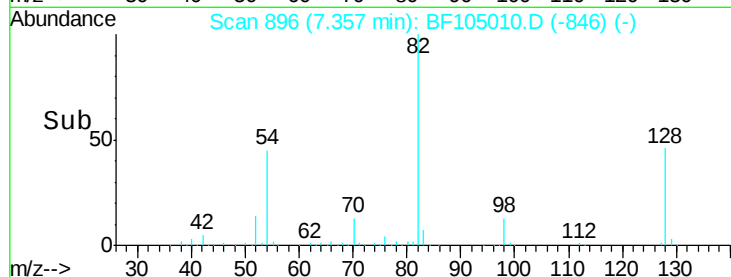
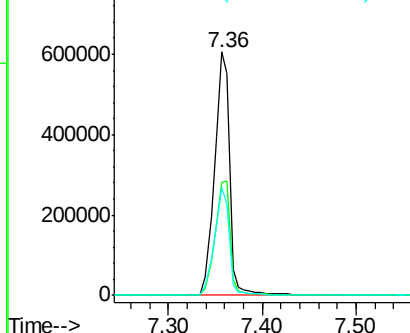
#23
Nitrobenzene-d5
Concen: 97.961 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-S

Tgt Ion: 82 Resp: 691970
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 44.6 41.4 62.2

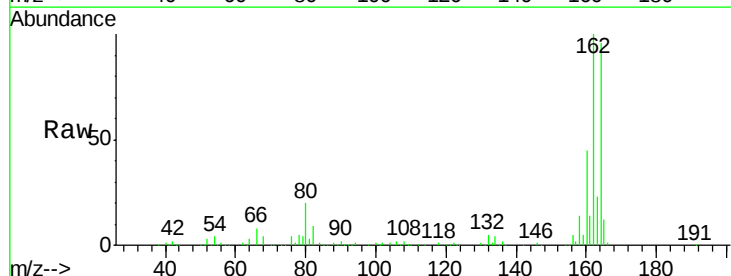


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

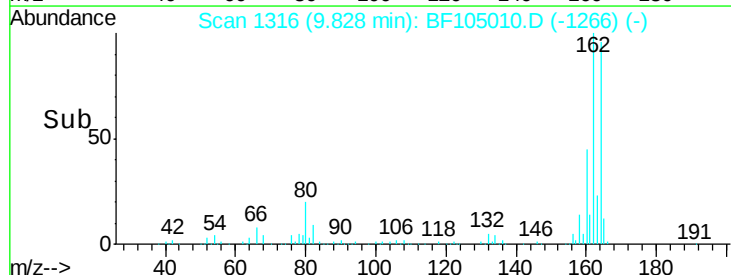
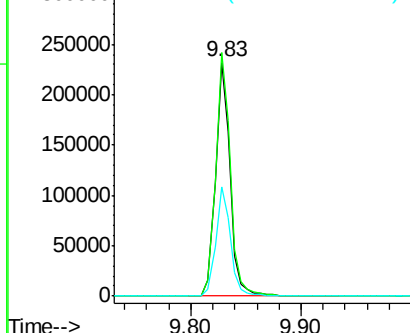


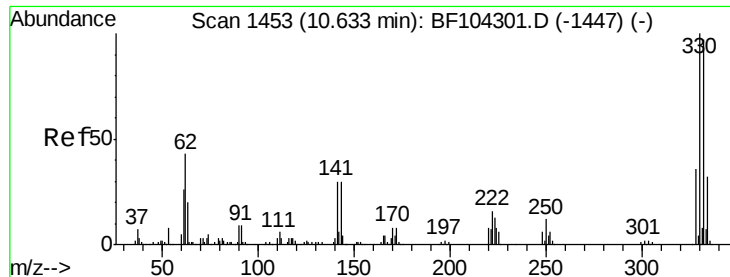
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

Tgt Ion: 164 Resp: 210050
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 46.7 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

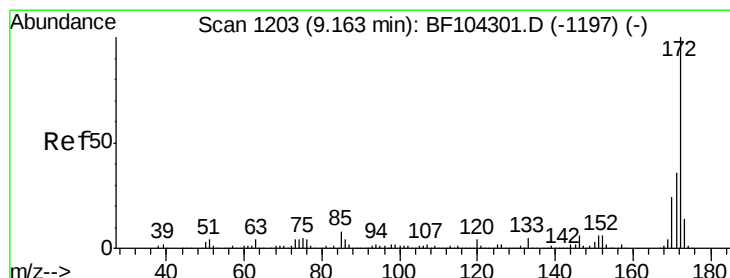
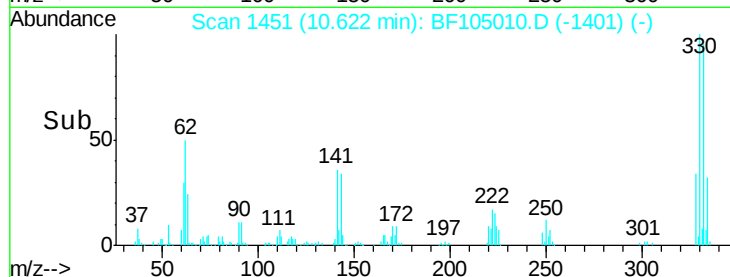
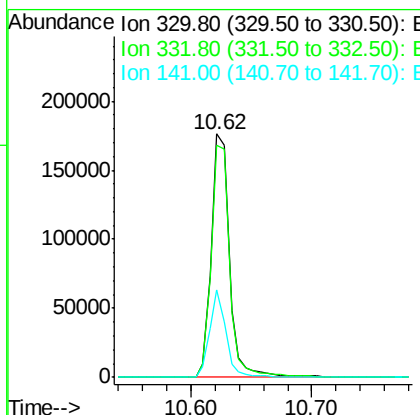
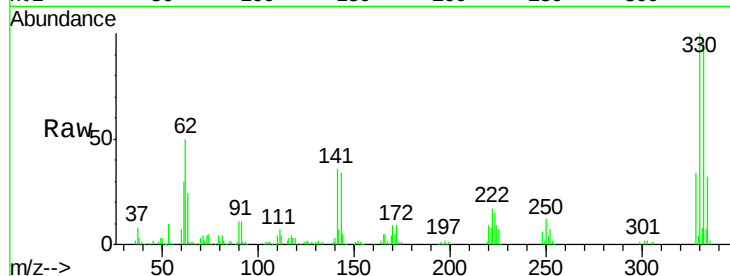




#41
 2,4,6-Tribromophenol
 Concen: 84.324 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

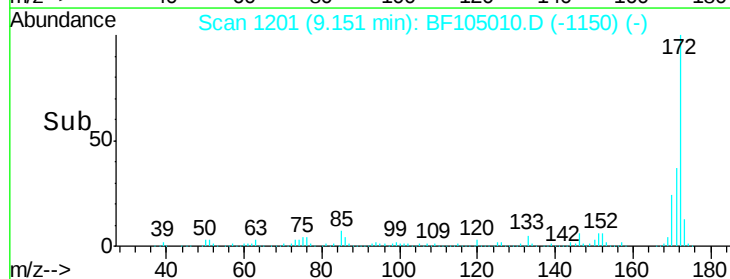
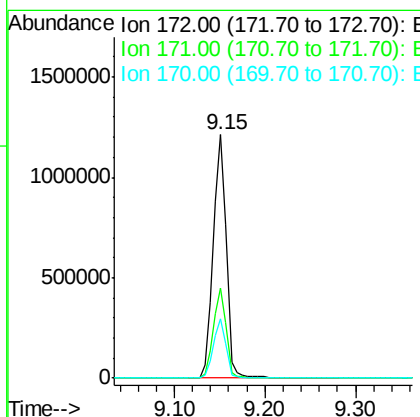
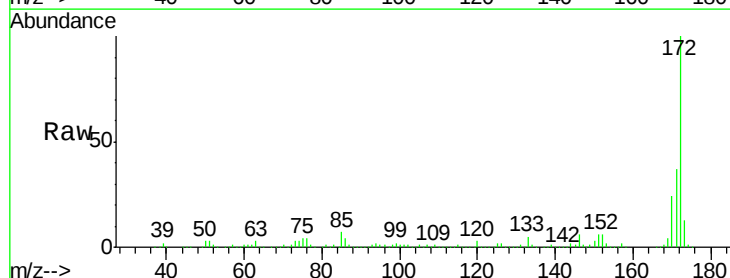
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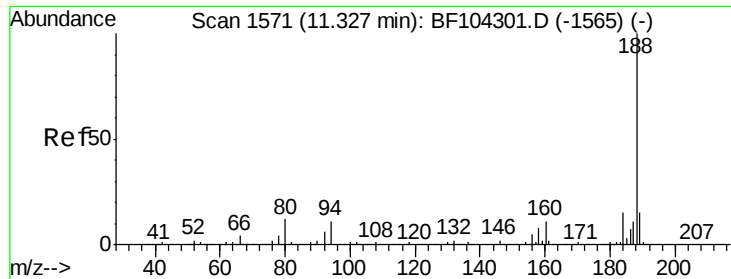
Tgt Ion:330 Resp: 183734
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 92.812 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

Tgt Ion:172 Resp: 1234062
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.2 19.6 29.4

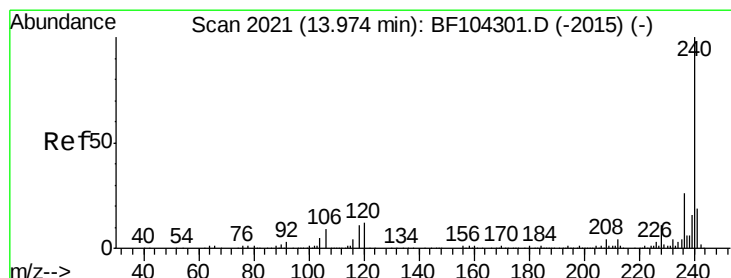
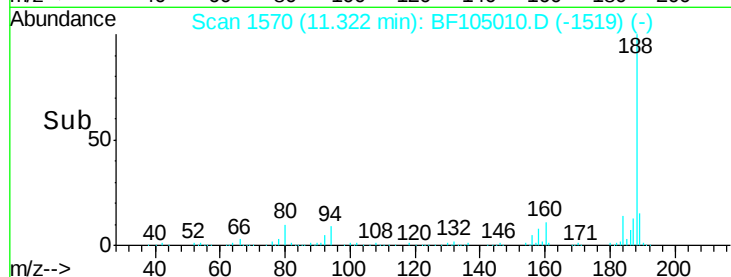
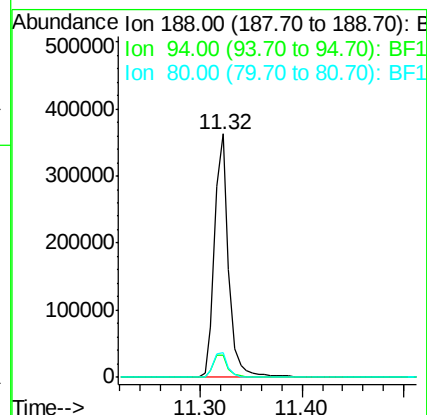
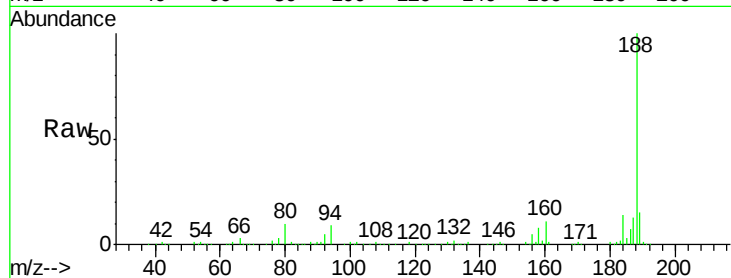




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

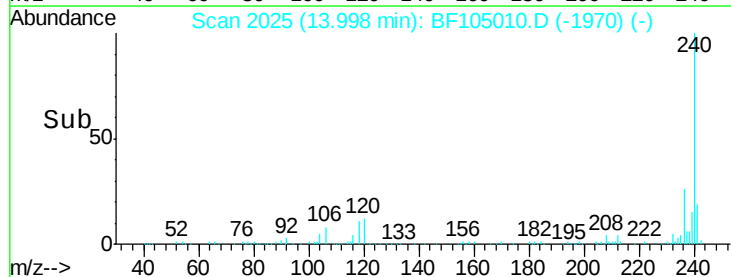
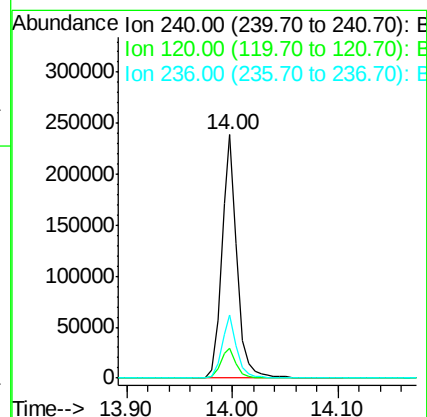
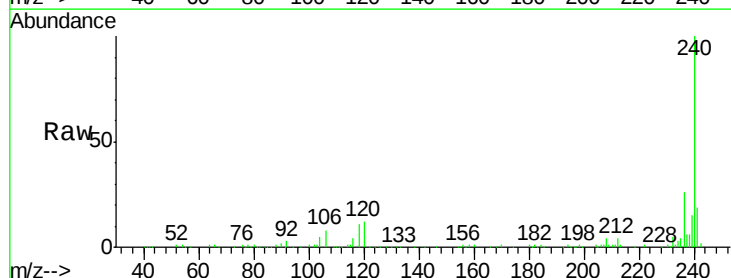
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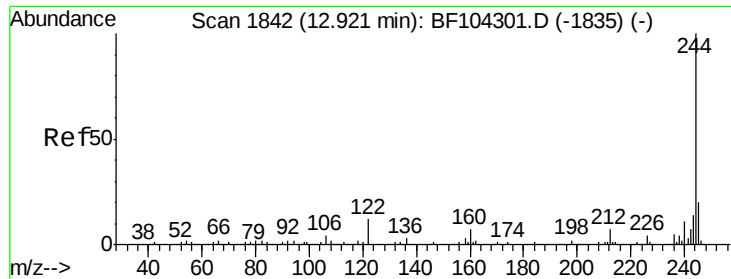
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.7	20.7	31.1

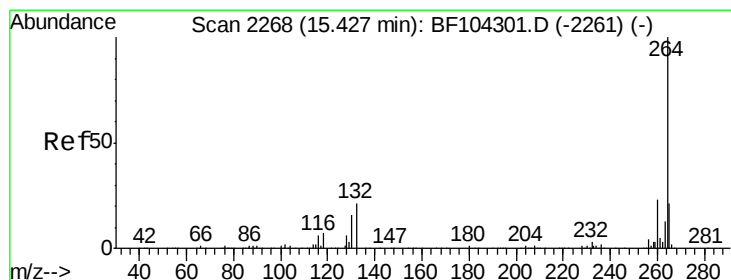
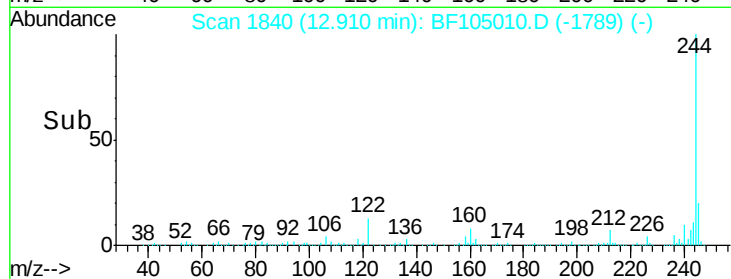
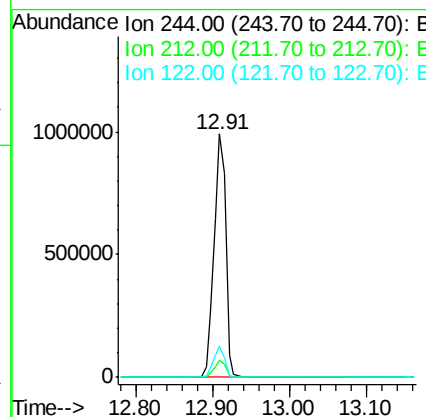
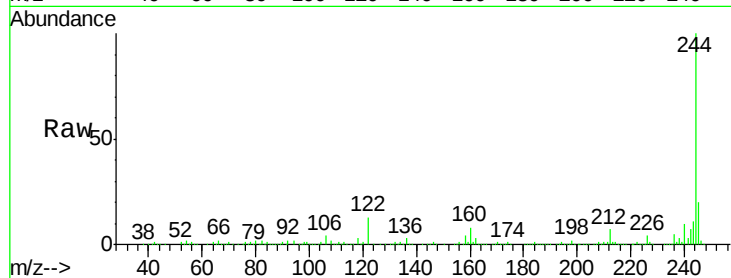




#78
 Terphenyl-d14
 Concen: 97.478 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-S

Tgt Ion:244 Resp: 1029147
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.09 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

Tgt Ion:264 Resp: 209093
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.8 17.5 26.3

