

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105011.D
 Acq On : 2 May 2018 5:06
 Operator : JU/SJ
 Sample : J2645-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-B

Quant Time: May 02 13:21:33 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	115742	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	488608	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	221292	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	366352	20.00	ng	0.00
75) Chrysene-d12	14.00	240	249808	20.00	ng	0.02
86) Perylene-d12	15.53	264	218208	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	313458	41.41	ng	0.00
7) Phenol-d6	6.42	99	239641	25.77	ng	-0.01
23) Nitrobenzene-d5	7.36	82	689453	92.14	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	179911	78.37	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1226904	87.59	ng	0.00
78) Terphenyl-d14	12.91	244	996558	90.95	ng	0.00

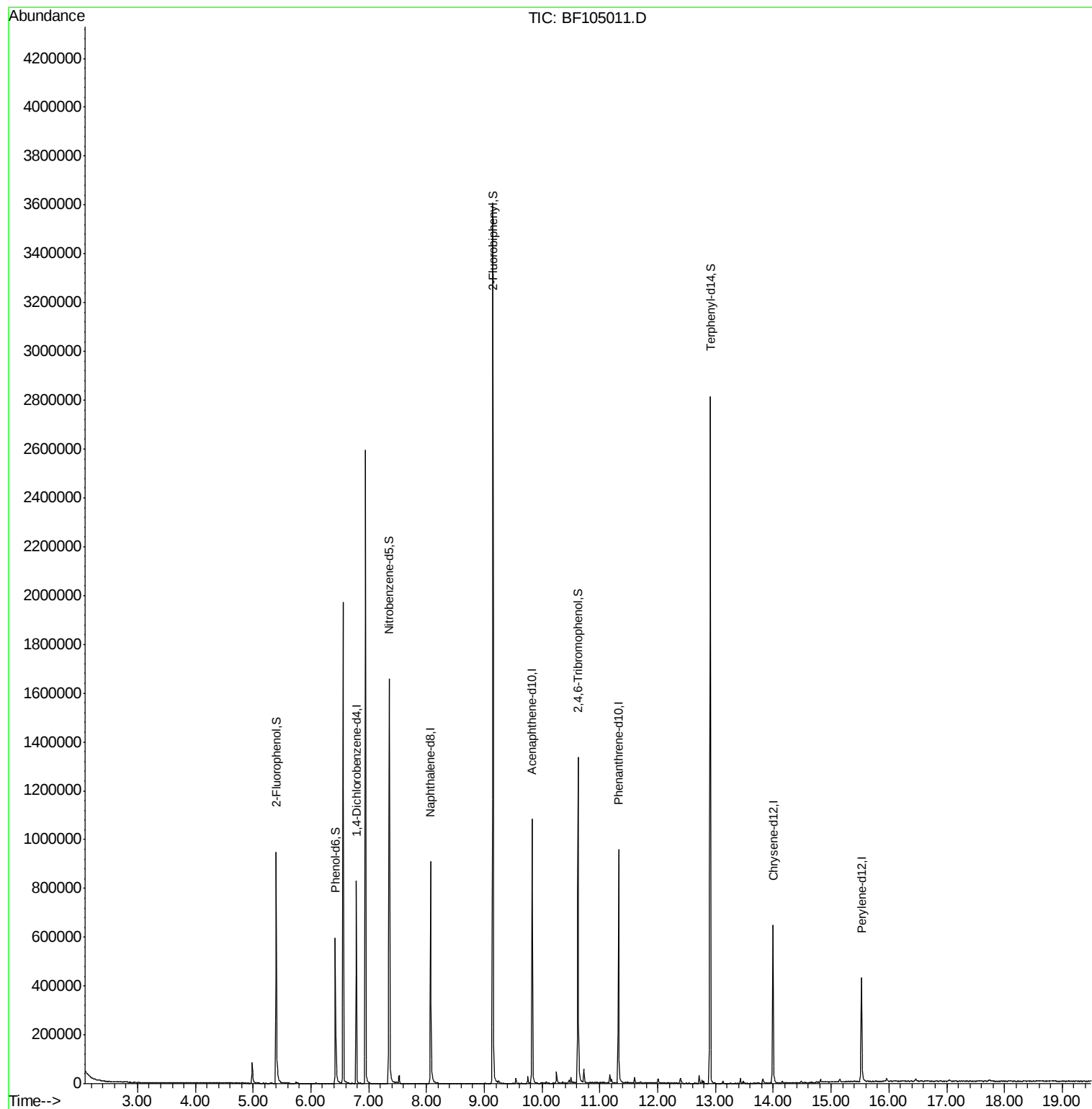
Target Compounds	Qvalue
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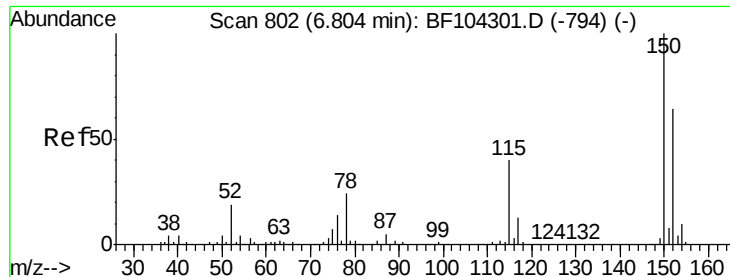
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF105011.D

Acq: 2 May 2018 5:06

Instrument :

BNA_F

ClientSampleId :

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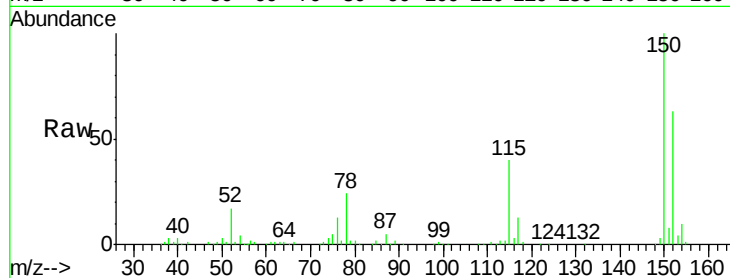
Tgt Ion:152 Resp: 115742

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

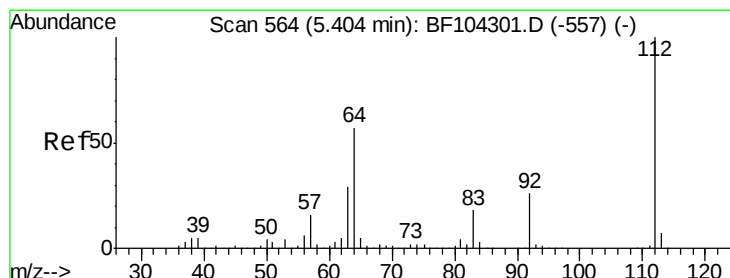
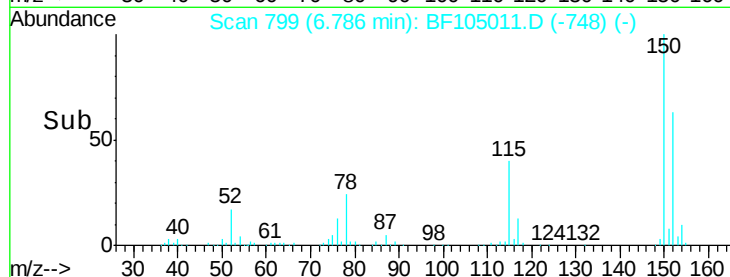
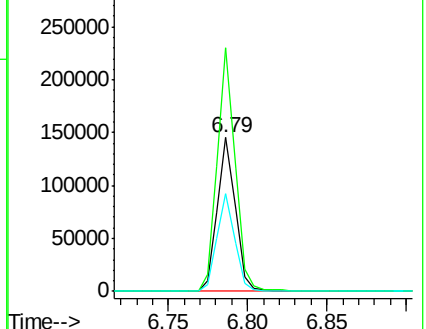
115 63.1 50.1 75.1



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: 41.411 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF105011.D

Acq: 2 May 2018 5:06

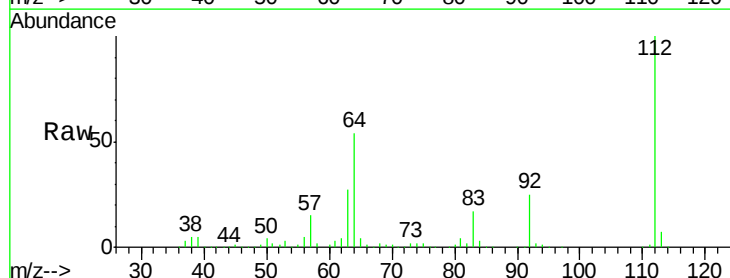
Tgt Ion:112 Resp: 313458

Ion Ratio Lower Upper

112 100

64 53.9 47.9 71.9

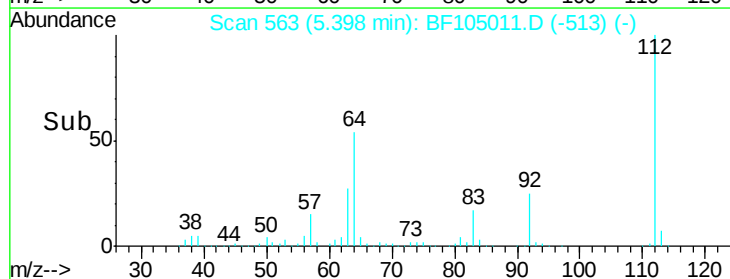
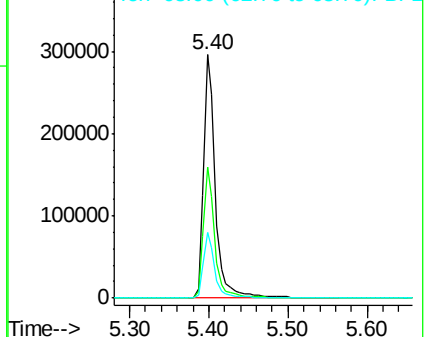
63 26.7 23.7 35.5

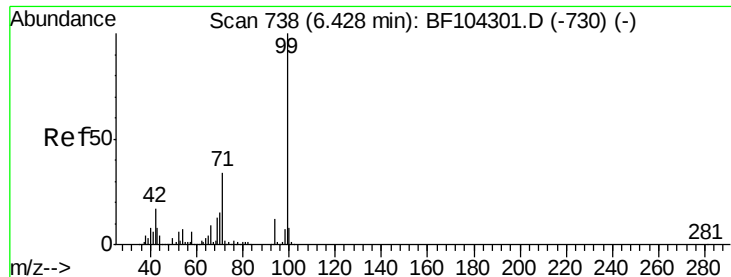


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.767 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105011.D

Acq: 2 May 2018 5:06

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-B

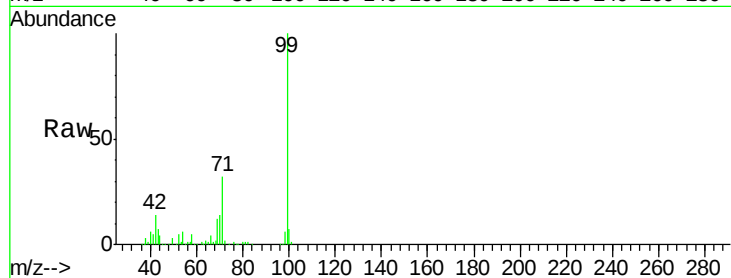
Tgt Ion: 99 Resp: 239641

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

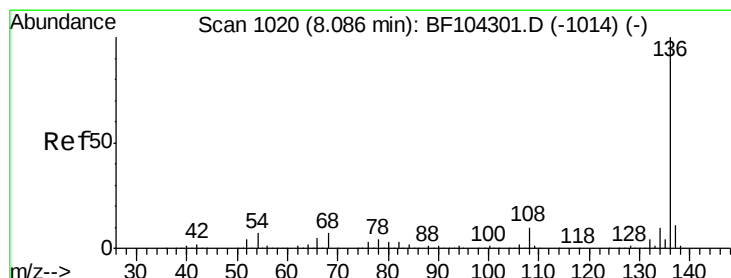
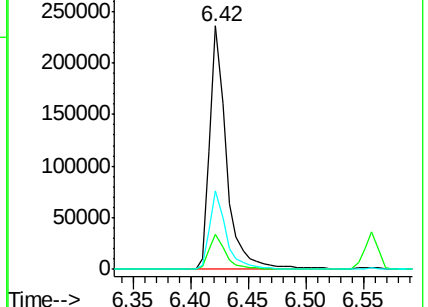
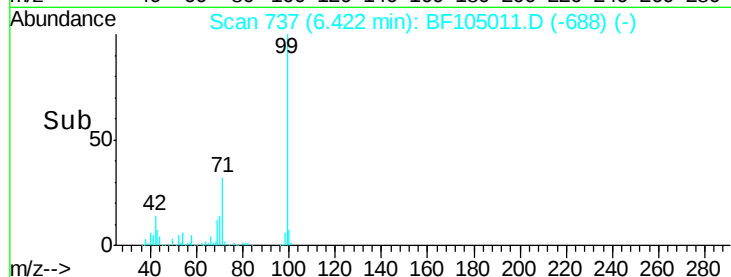
71 32.2 25.4 38.0



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: BF105011.D

Acq: 2 May 2018 5:06

Tgt Ion: 136 Resp: 488608

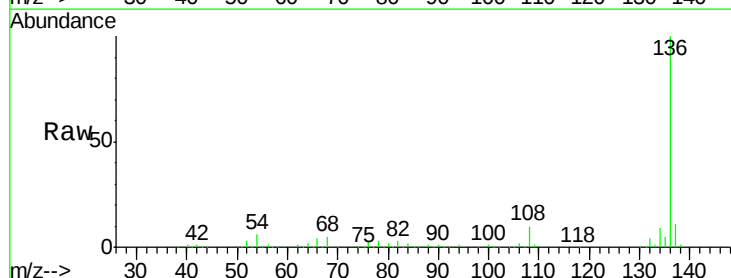
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.8 6.6 9.8#

68 5.1 5.0 7.4

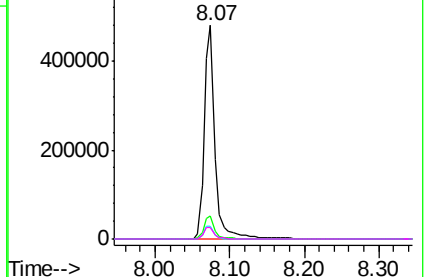
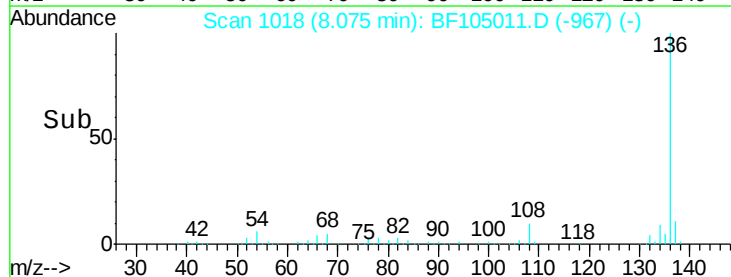


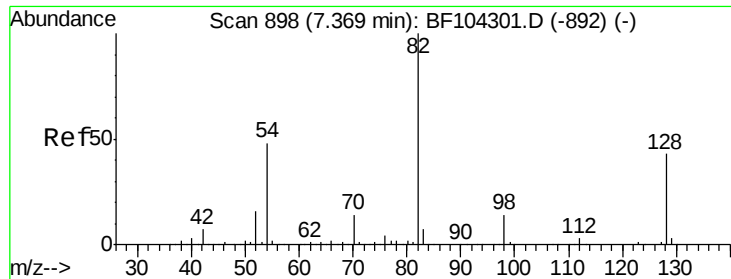
Abundance Ion 136.00 (135.70 to 136.70): E

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

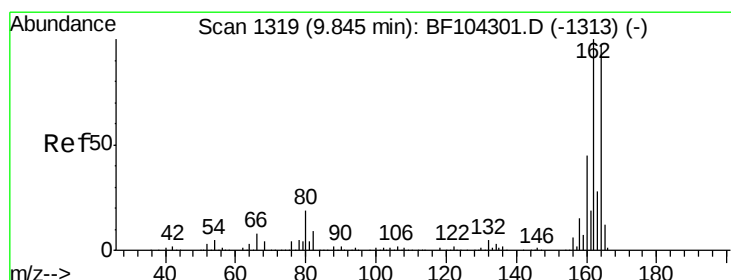
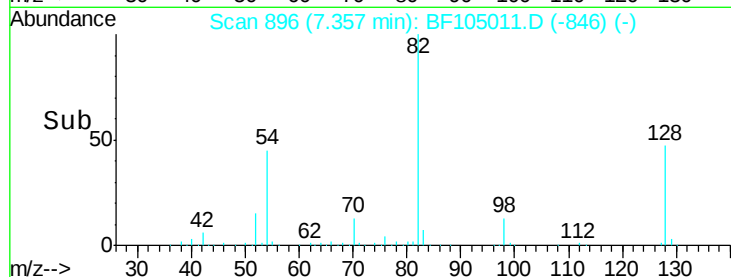
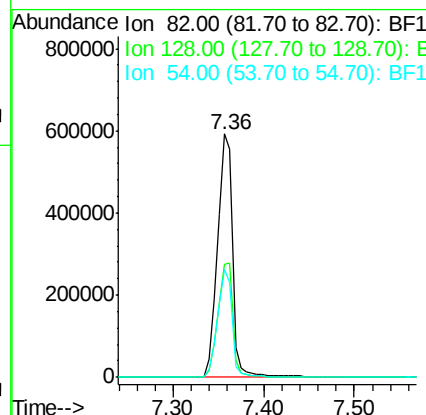
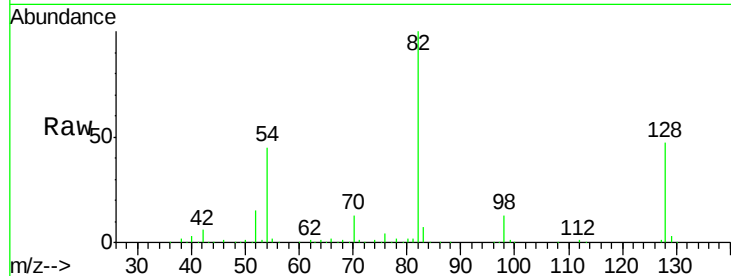




#23
 Nitrobenzene-d5
 Concen: 92.139 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

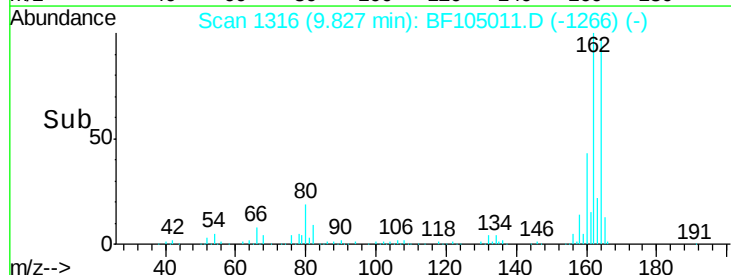
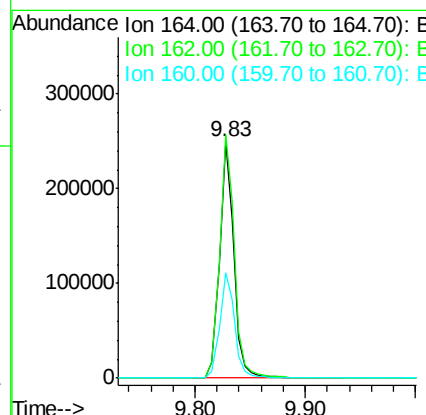
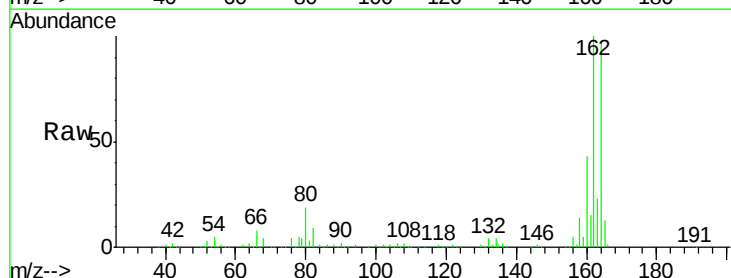
Instrument :
 BNA_F
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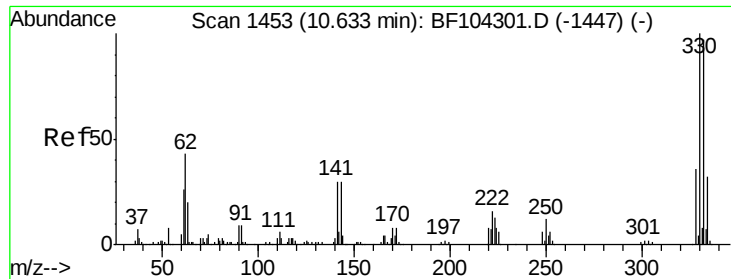
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	44.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	44.7	38.3	57.5

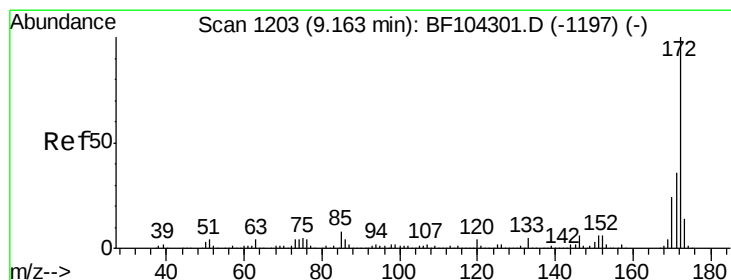
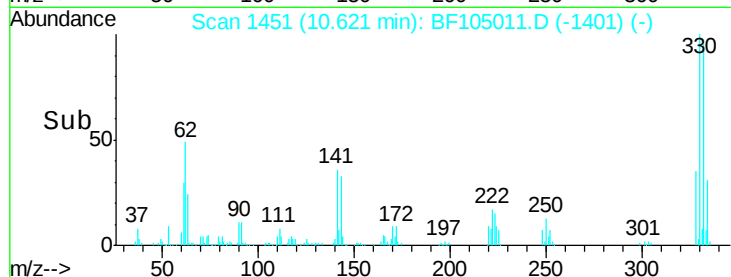
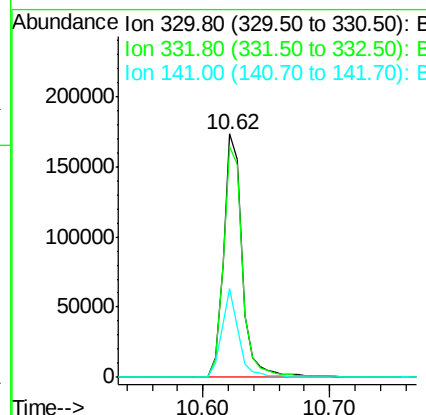
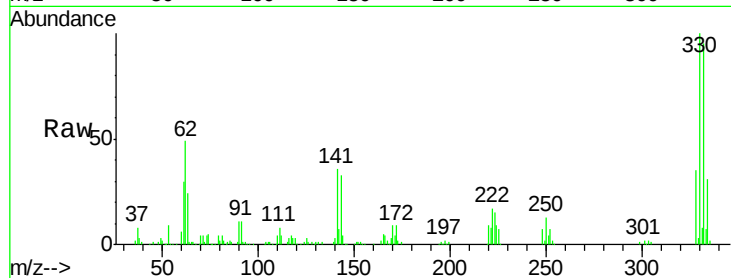




#41
 2,4,6-Tribromophenol
 Concen: 78.375 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

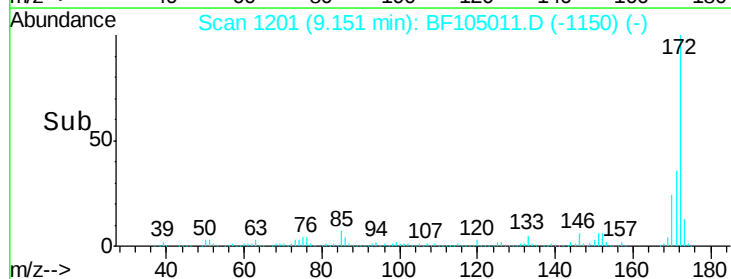
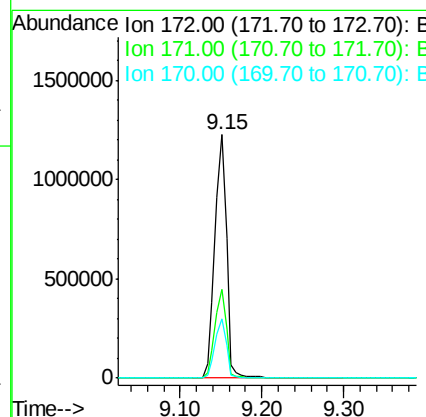
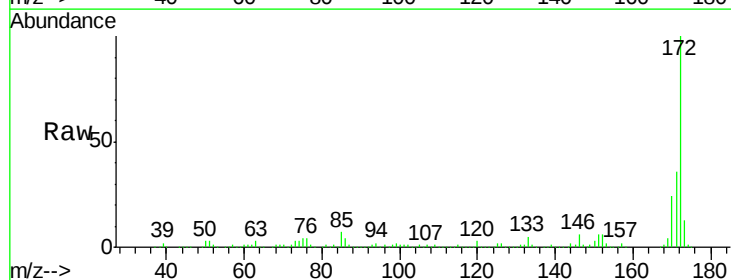
Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-B

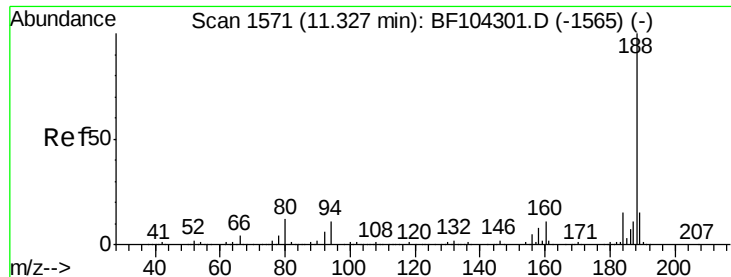
Tgt Ion:330 Resp: 179911
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 33.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 87.586 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

Tgt Ion:172 Resp: 1226904
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 19.6 29.4

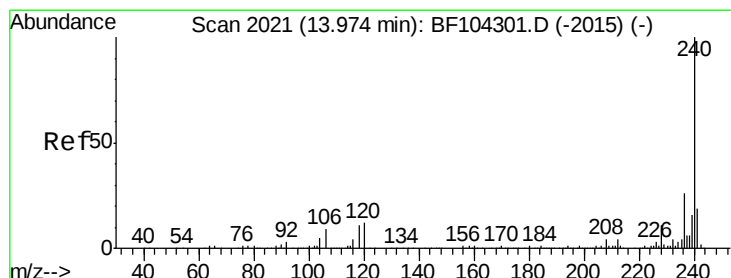
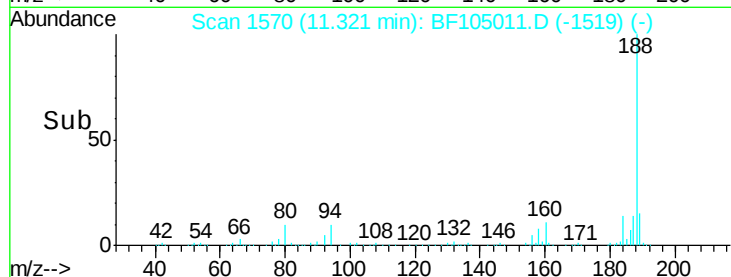
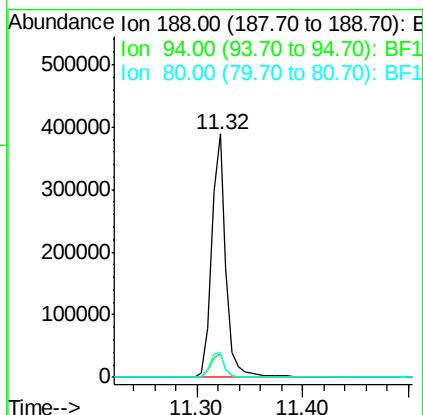
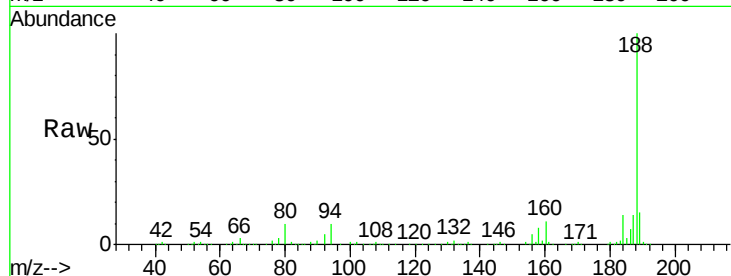




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105011.D
Acq: 2 May 2018 5:06

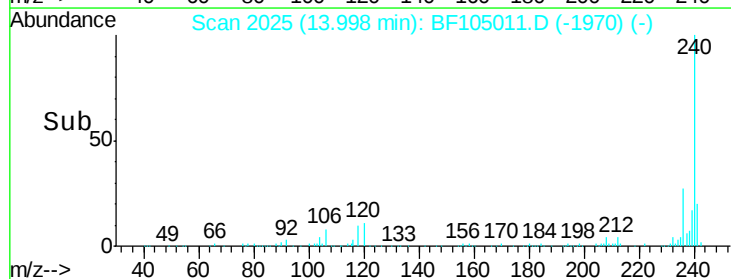
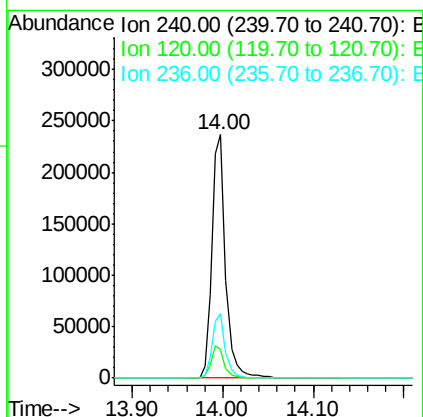
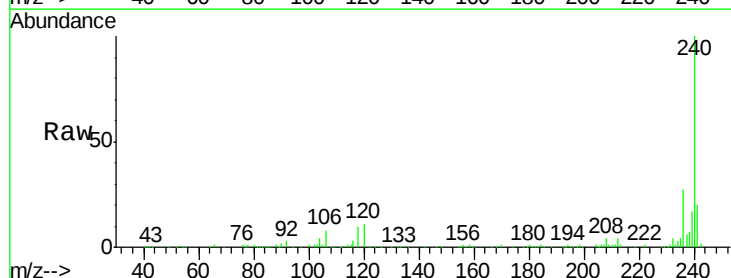
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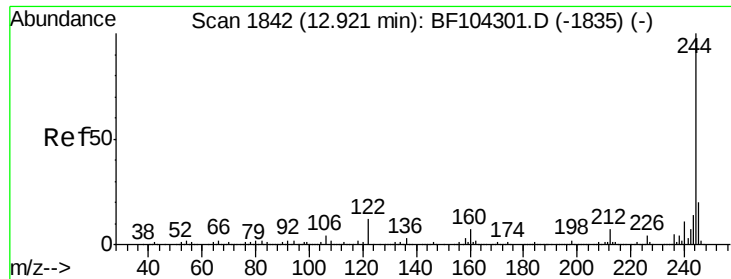
Tgt Ion:188 Resp: 366352
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BF105011.D
Acq: 2 May 2018 5:06

Tgt Ion:240 Resp: 249808
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.6 20.7 31.1

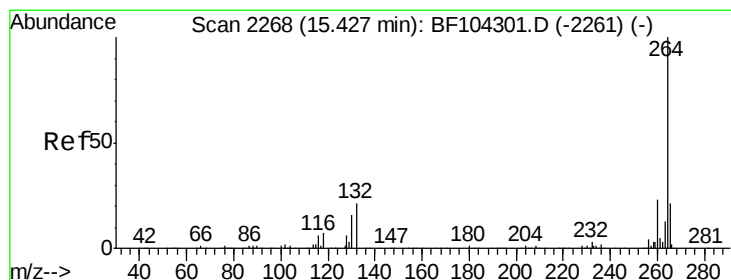
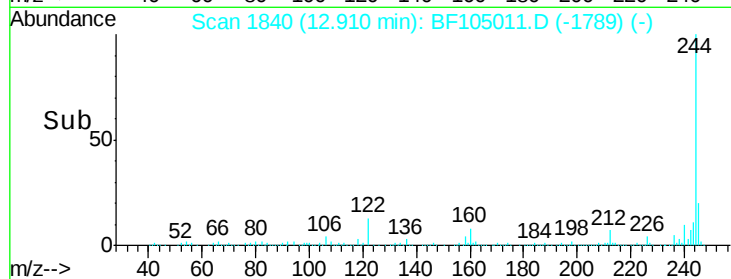
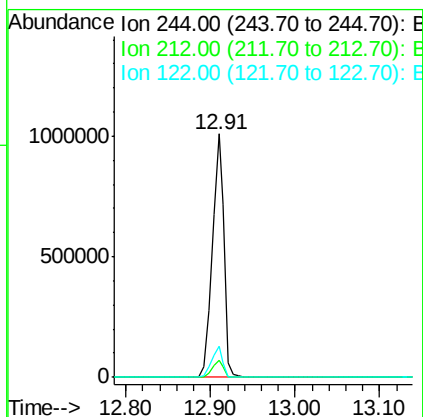
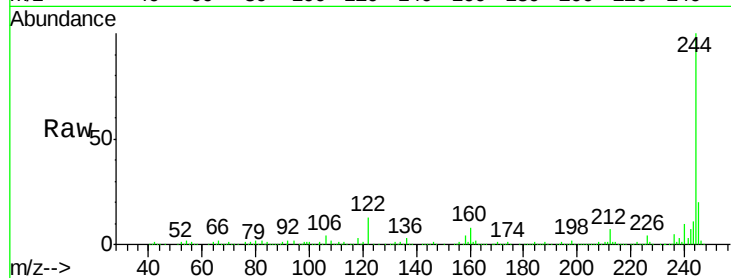




#78
 Terphenyl-d14
 Concen: 90.949 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-B

Tgt Ion: 244 Resp: 996558
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.7 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: BF105011.D
 Acq: 2 May 2018 5:06

Tgt Ion: 264 Resp: 218208
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.5 26.3

