

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105009.D
 Acq On : 2 May 2018 4:13
 Operator : JU/SJ
 Sample : J2645-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: May 02 08:04:40 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

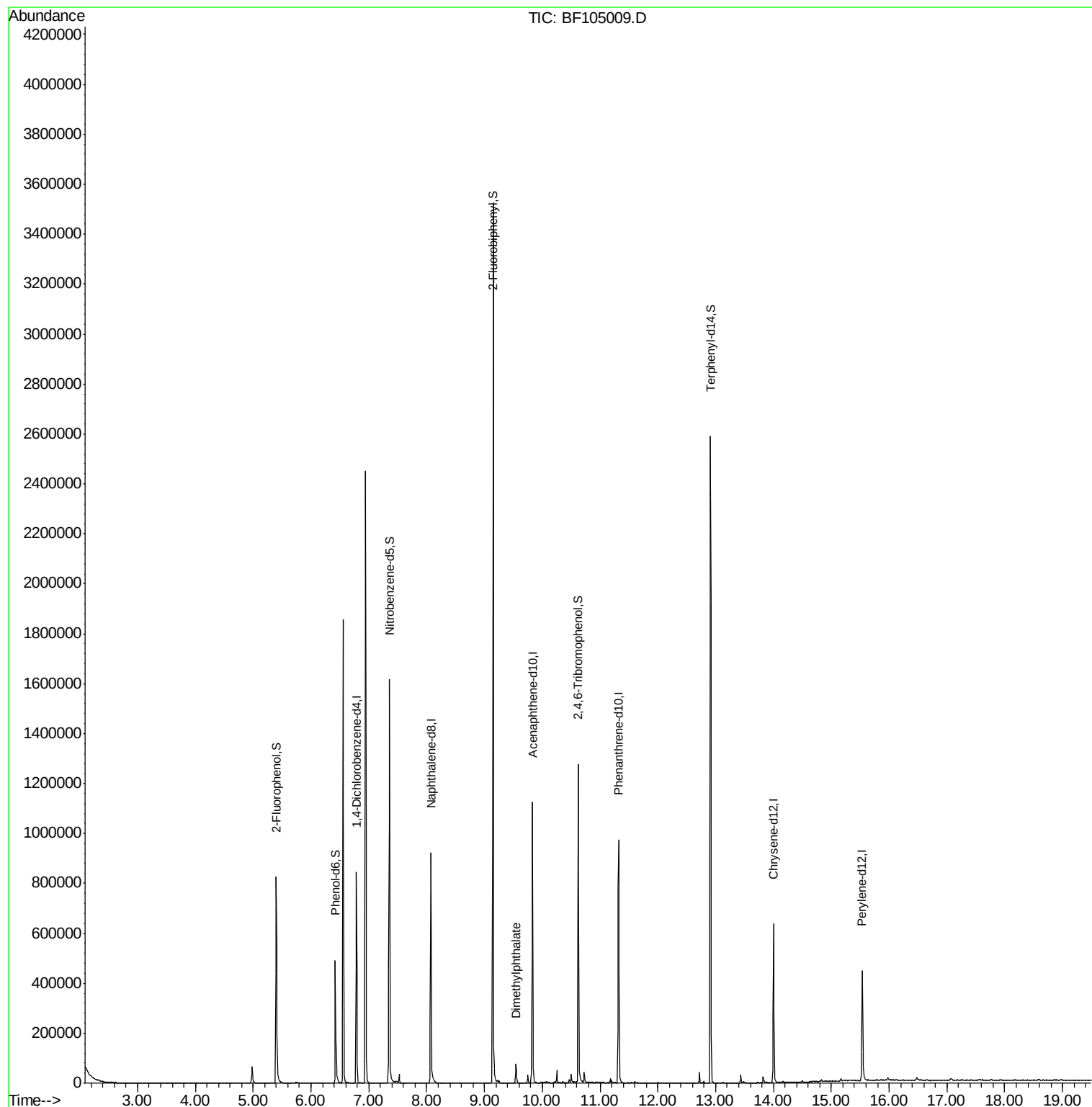
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117760	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	502539	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	231026	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	382605	20.00	ng	0.00
75) Chrysene-d12	14.00	240	259427	20.00	ng	0.03
86) Perylene-d12	15.53	264	228369	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	265865	34.52	ng	0.00
7) Phenol-d6	6.42	99	202385	21.39	ng	-0.01
23) Nitrobenzene-d5	7.36	82	632013	82.12	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	170800	71.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1133592	77.51	ng	0.00
78) Terphenyl-d14	12.91	244	933282	82.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	38151	2.094	ng	Qvalue 99

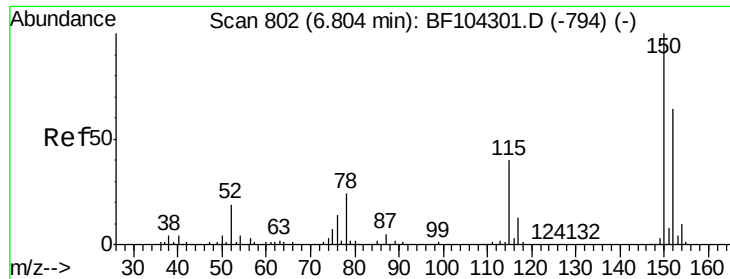
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF105009.D

Acq: 2 May 2018 4:13

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-M

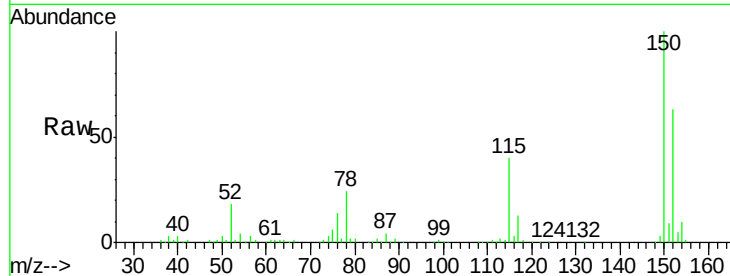
Tgt Ion:152 Resp: 117760

Ion Ratio Lower Upper

152 100

150 158.5 124.6 186.8

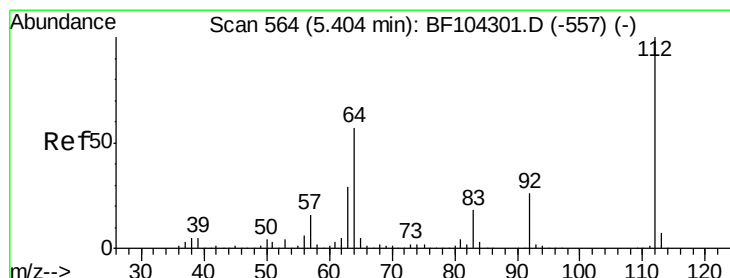
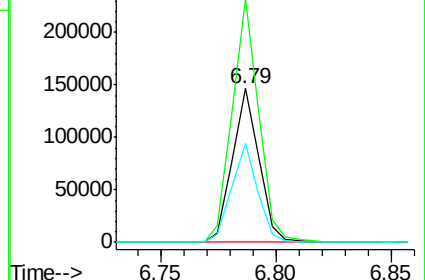
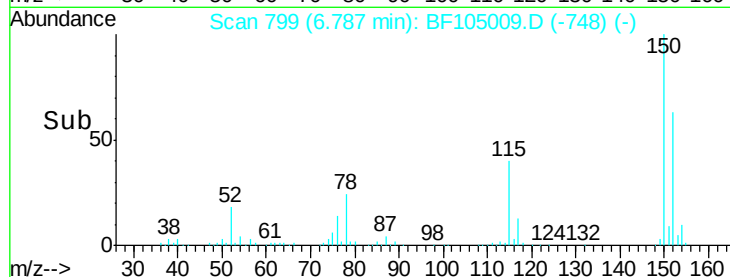
115 64.1 50.1 75.1



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: 34.521 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

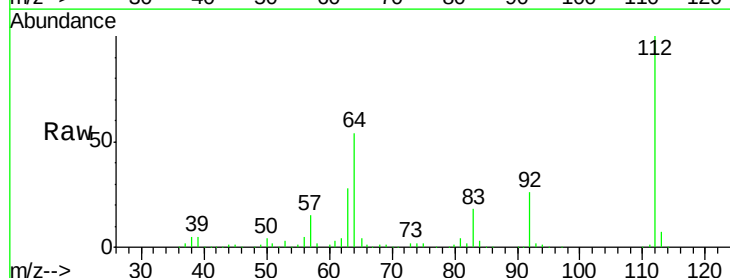
Tgt Ion:112 Resp: 265865

Ion Ratio Lower Upper

112 100

64 53.9 47.9 71.9

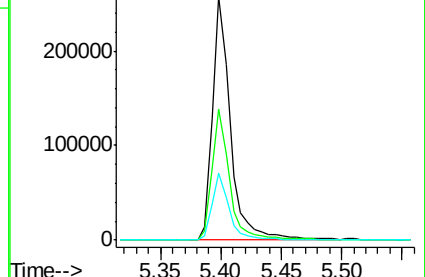
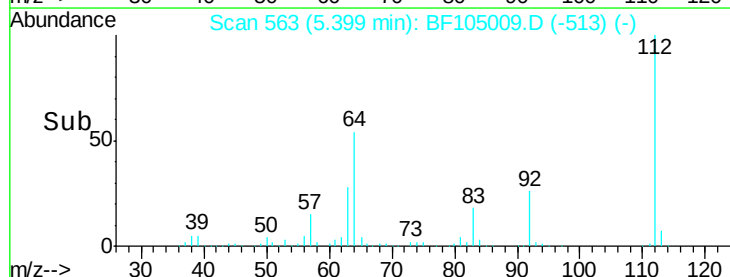
63 27.6 23.7 35.5

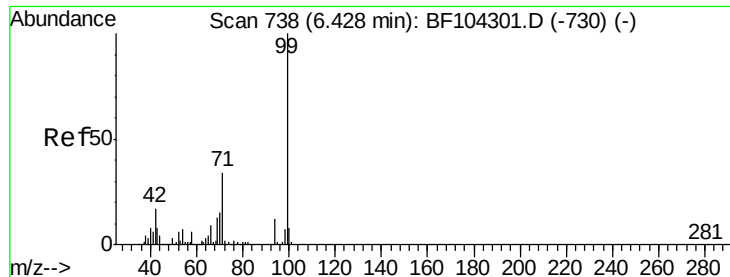


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.388 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-M

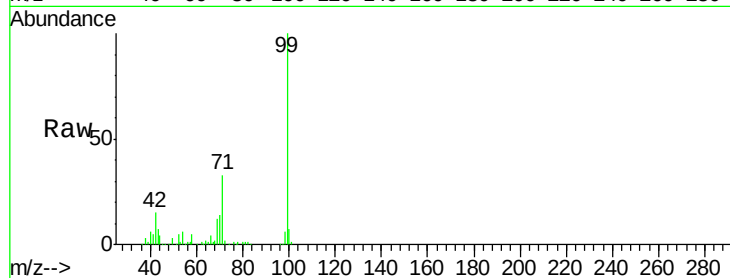
Tgt Ion: 99 Resp: 202385

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

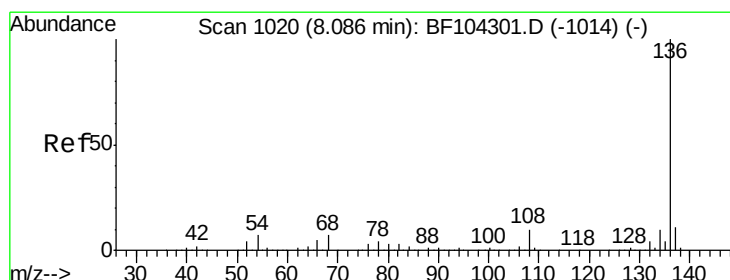
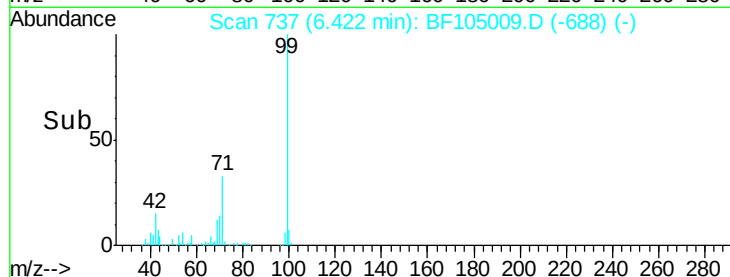
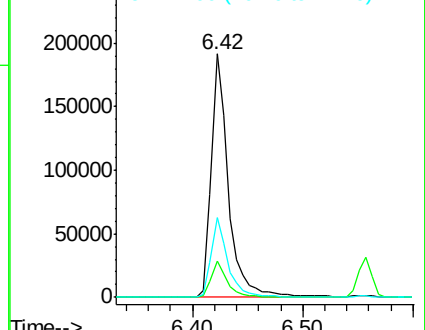
71 32.5 25.4 38.0



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: BF105009.D

Acq: 2 May 2018 4:13

Tgt Ion: 136 Resp: 502539

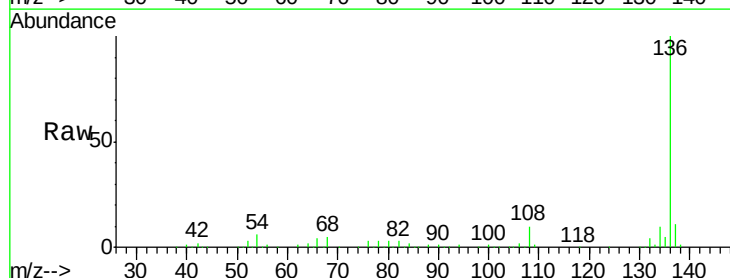
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.8 6.6 9.8#

68 5.2 5.0 7.4

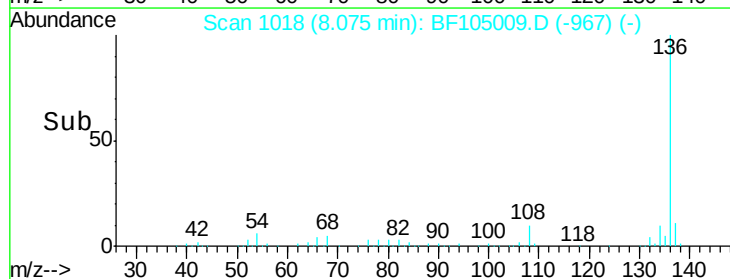
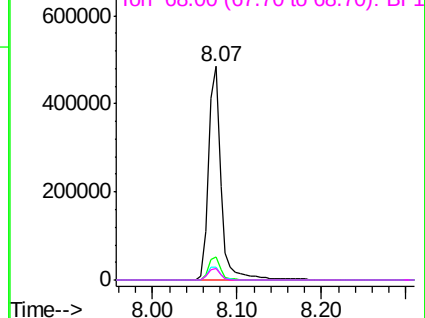


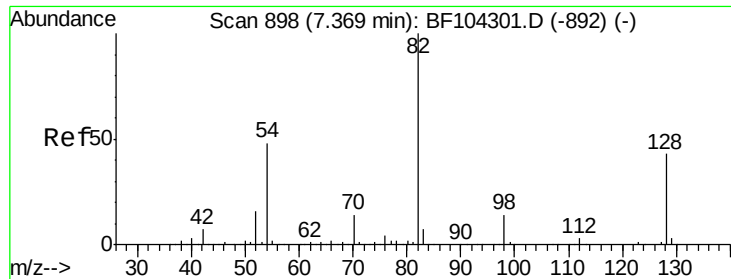
Abundance Ion 136.00 (135.70 to 136.70): E

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

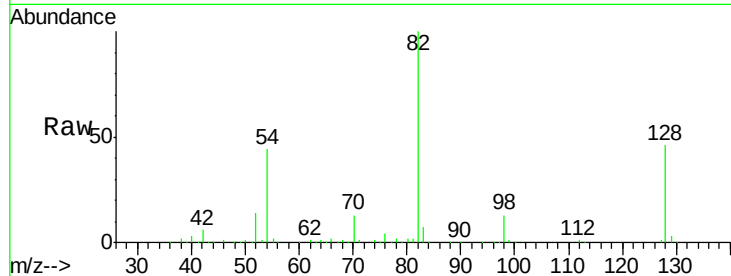




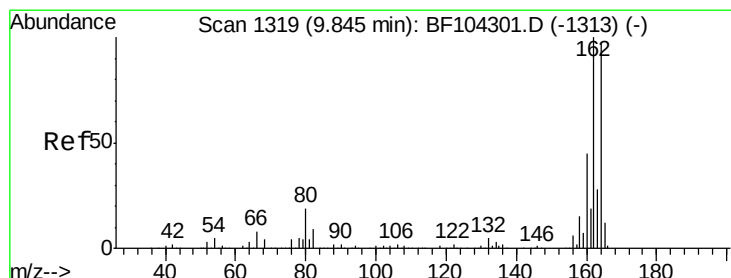
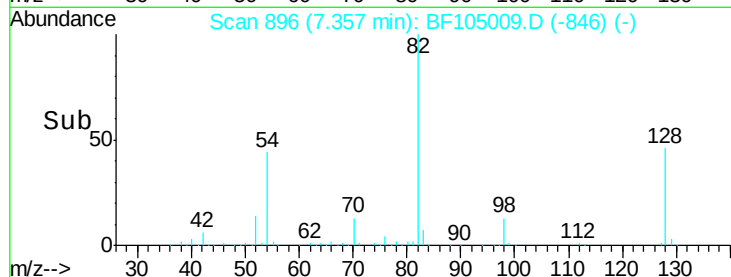
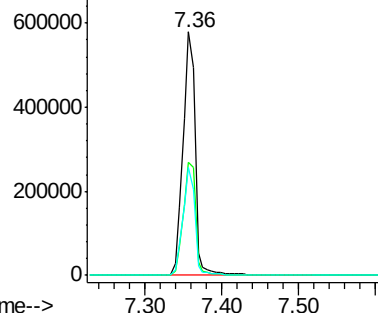
#23
Nitrobenzene-d5
Concen: 82.121 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	44.1	41.4	62.2

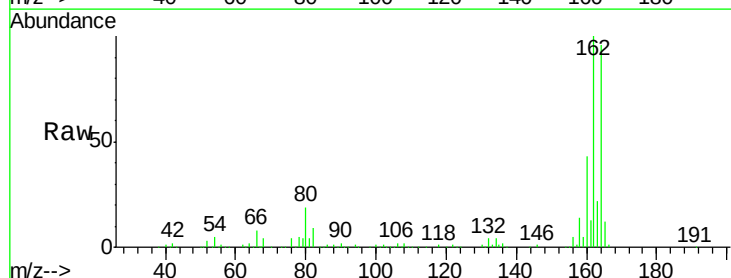


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

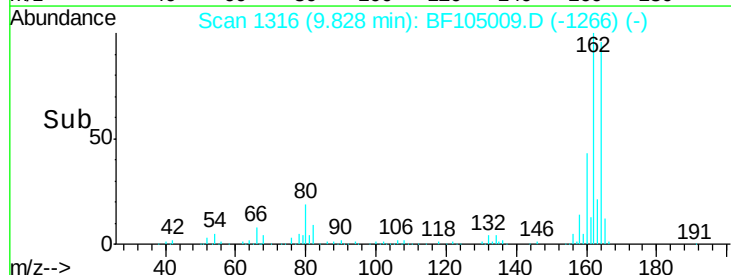
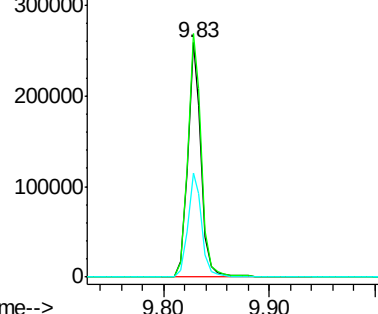


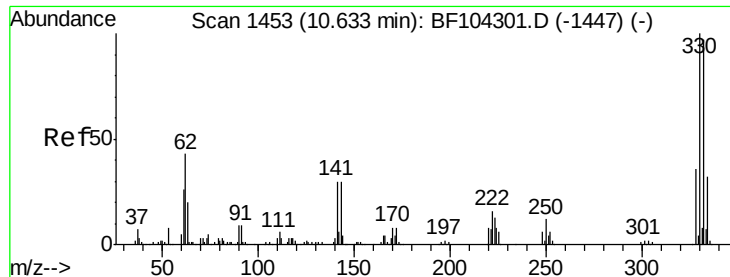
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105009.D
Acq: 2 May 2018 4:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	44.4	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

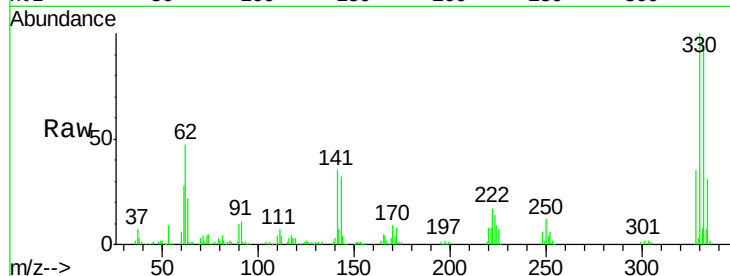




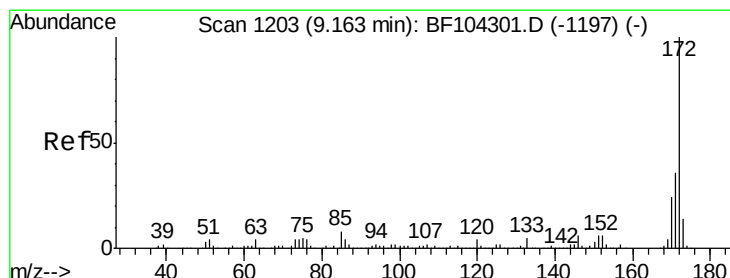
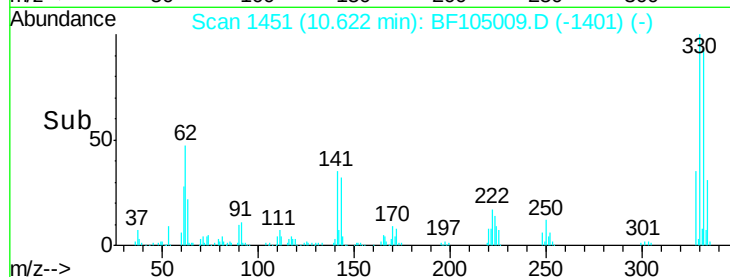
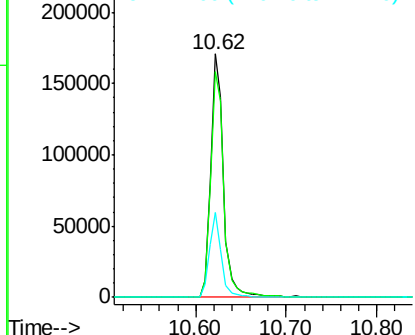
#41
 2,4,6-Tribromophenol
 Concen: 71.271 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

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

Tgt Ion:330 Resp: 170800
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 32.7 29.9 44.9

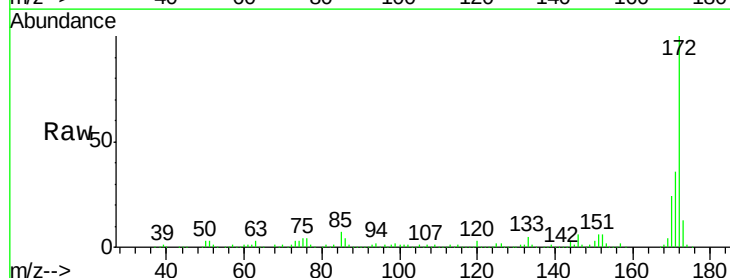


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

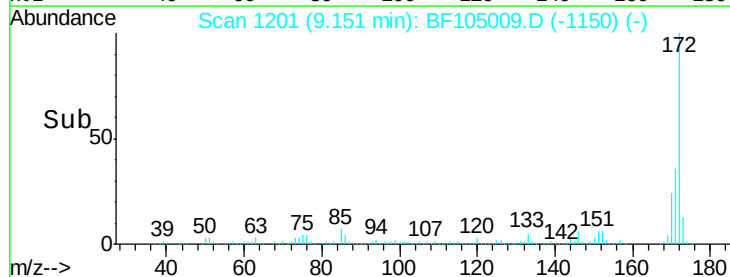
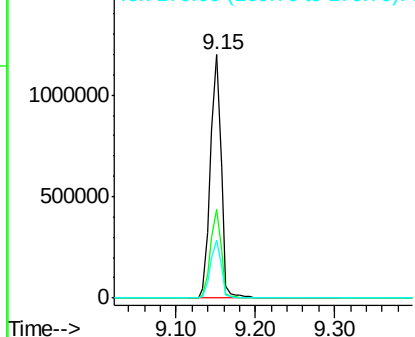


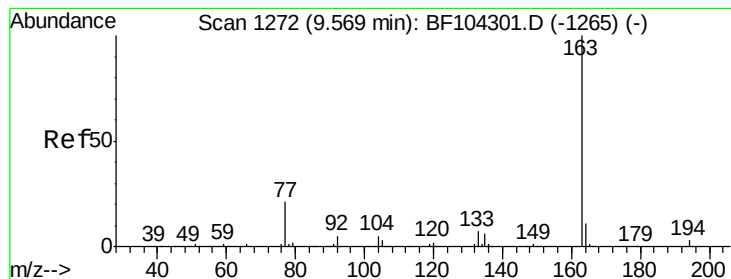
#44
 2-Fluorobiphenyl
 Concen: 77.515 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

Tgt Ion:172 Resp: 1133592
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 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





#49

Dimethylphthalate

Concen: 2.094 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-M

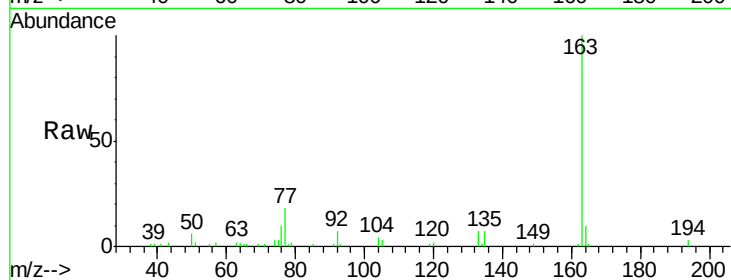
Tgt Ion:163 Resp: 38151

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

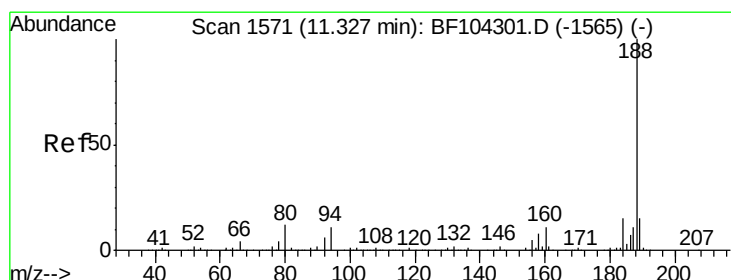
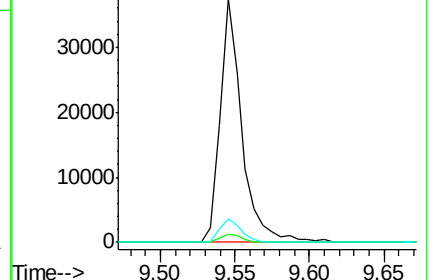
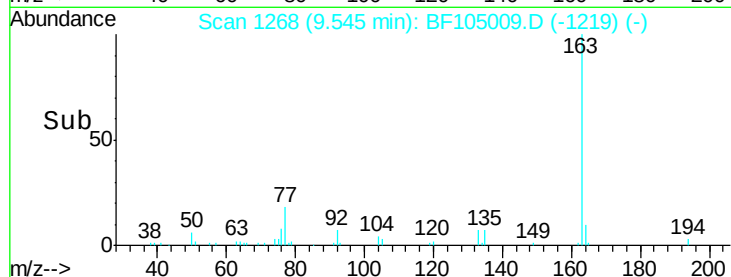
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

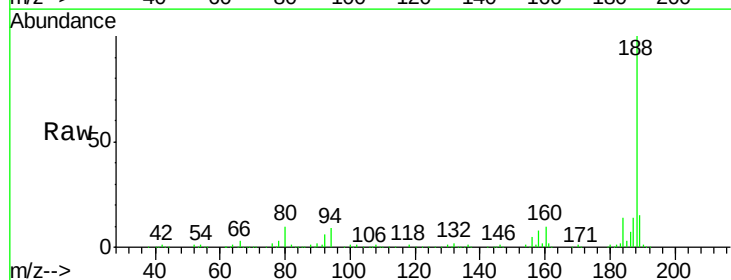
Tgt Ion:188 Resp: 382605

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

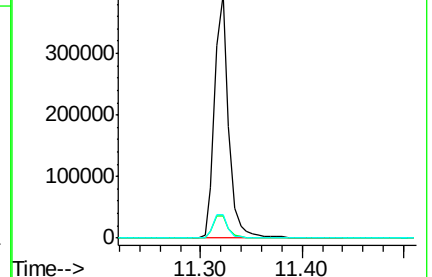
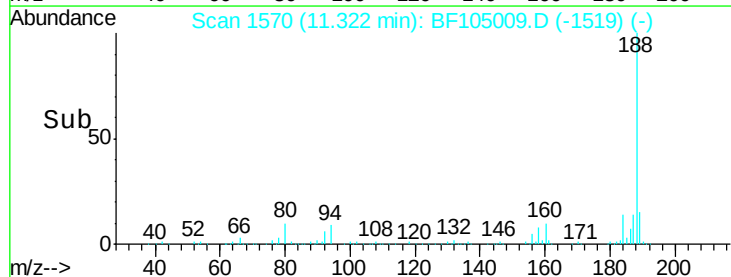
80 9.5 9.2 13.8

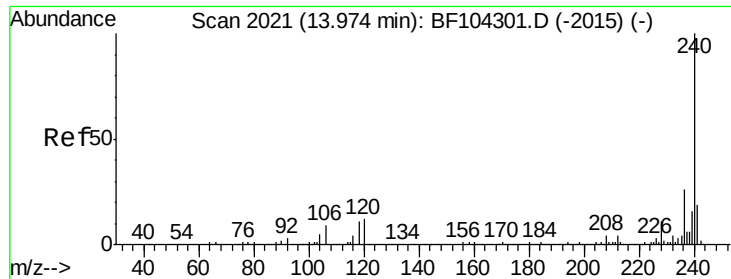


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

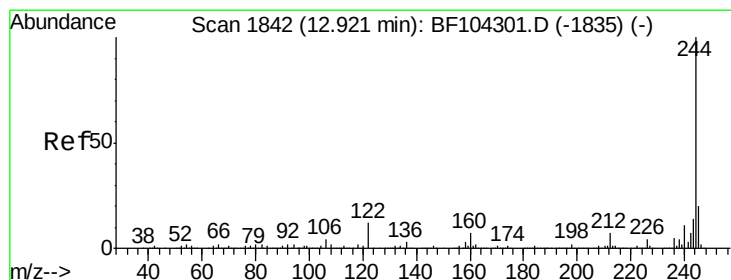
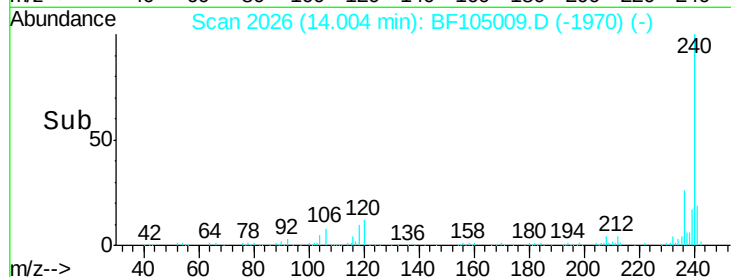
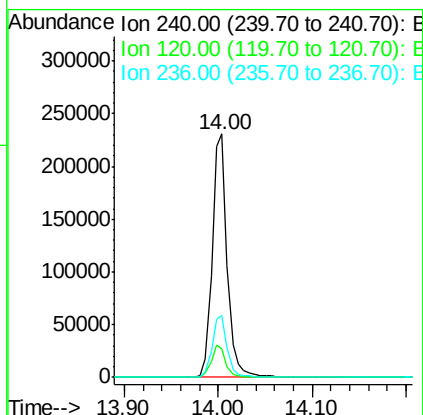
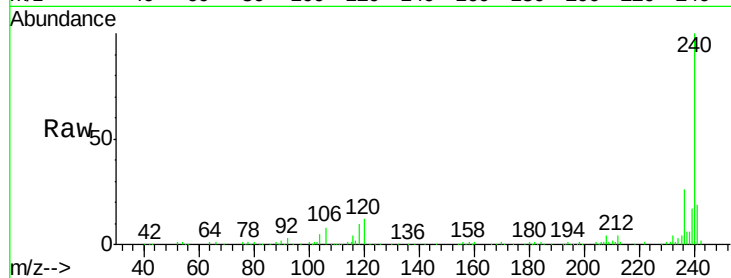




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.03 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

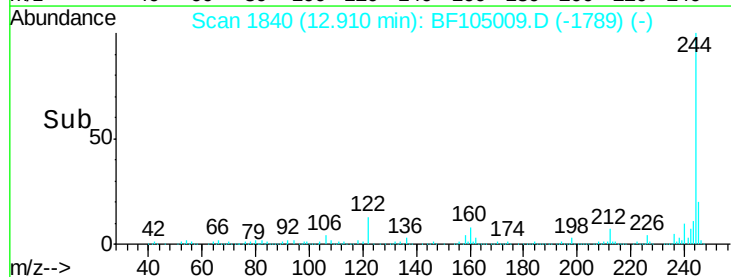
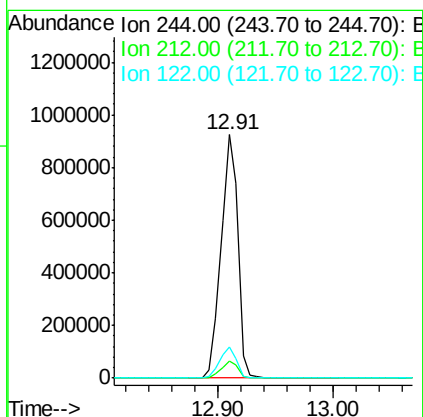
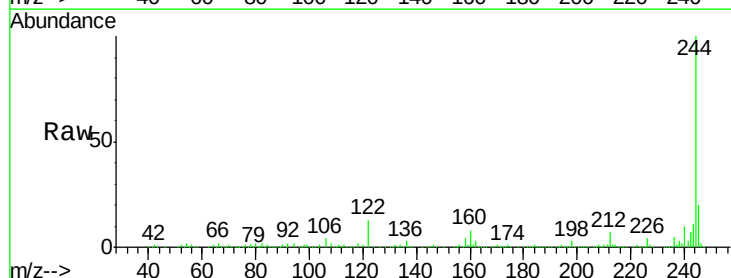
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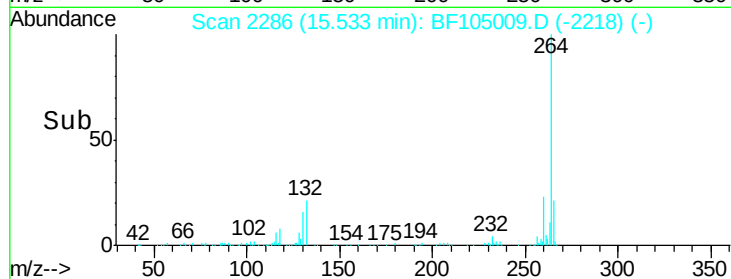
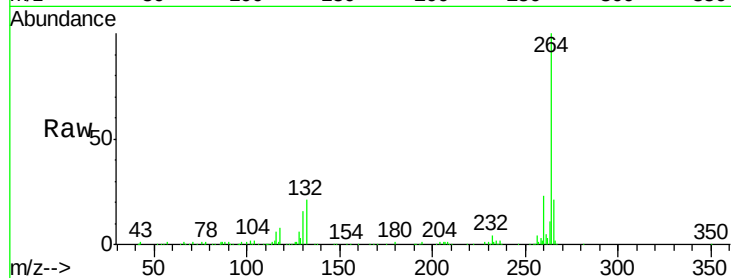
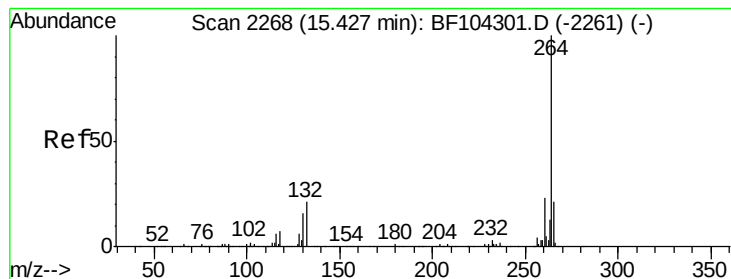
Tgt Ion:240 Resp: 259427
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 25.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 82.016 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF105009.D
 Acq: 2 May 2018 4:13

Tgt Ion:244 Resp: 933282
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.8 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.10 min

Lab File: BF105009.D

Acq: 2 May 2018 4:13

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-M

Tgt Ion: 264 Resp: 228369

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 17.5 26.3

