

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105079.D
 Acq On : 3 May 2018 18:16
 Operator : JU/SJ
 Sample : PB108708BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BL

Quant Time: May 04 02:34:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104910	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	447033	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	221324	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	439363	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	343449	20.00	ng	-0.03
86) Perylene-d12	15.55	264	256468	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	787856	114.83	ng	0.01
7) Phenol-d6	6.43	99	940546	111.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	560475	81.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	276613	120.48	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1119556	79.91	ng	-0.02
78) Terphenyl-d14	12.90	244	1229752	81.63	ng	-0.01

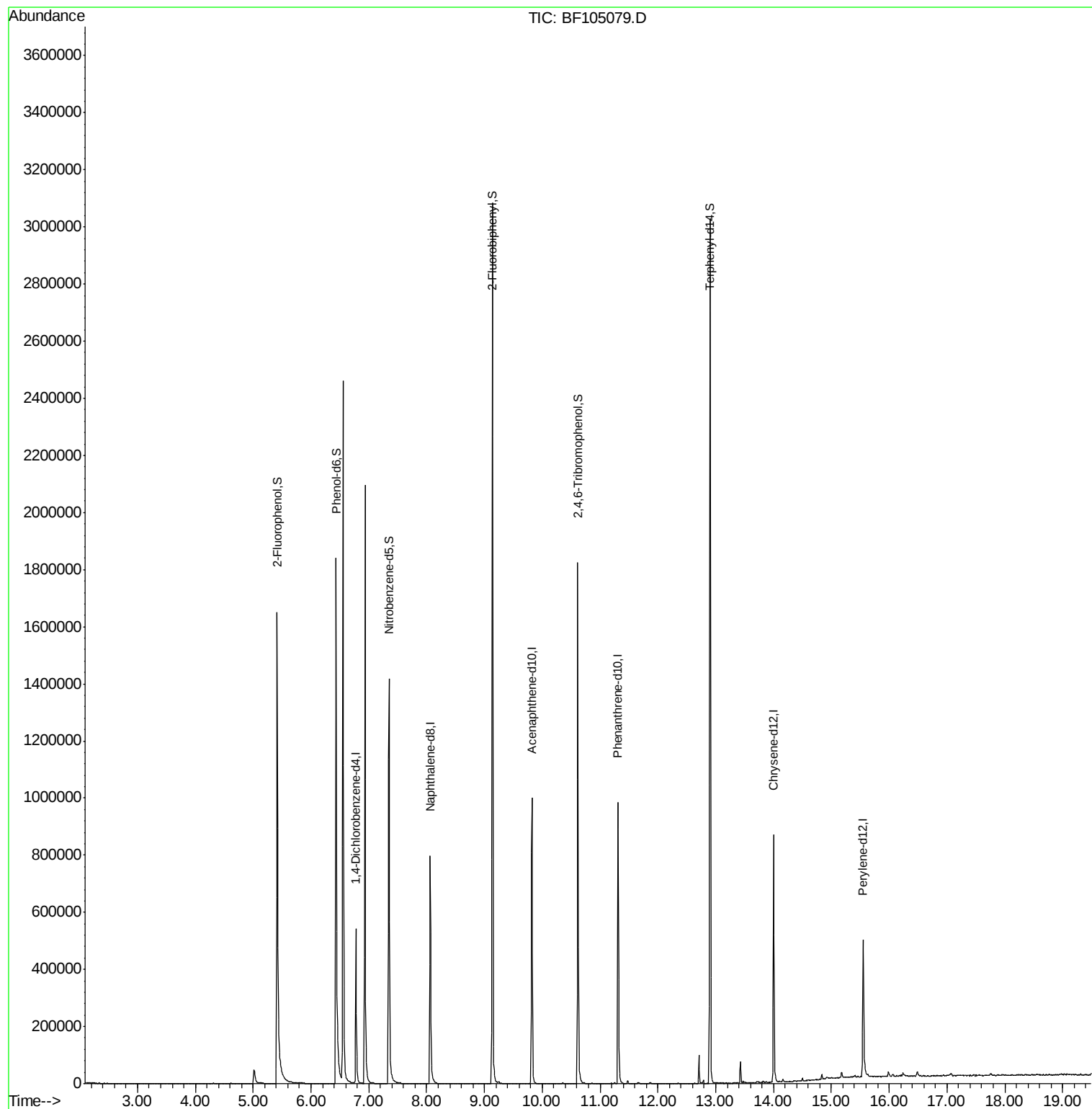
Target Compounds Qvalue

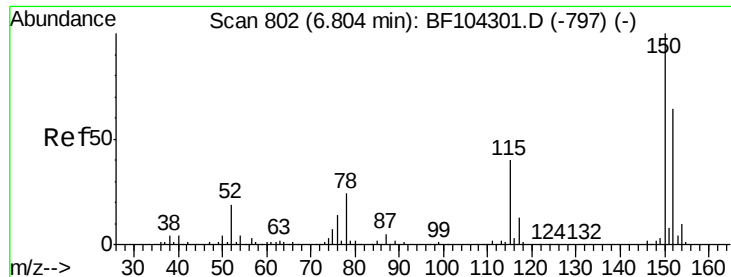
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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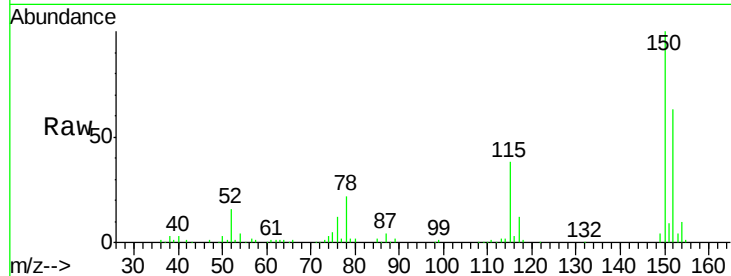


#1

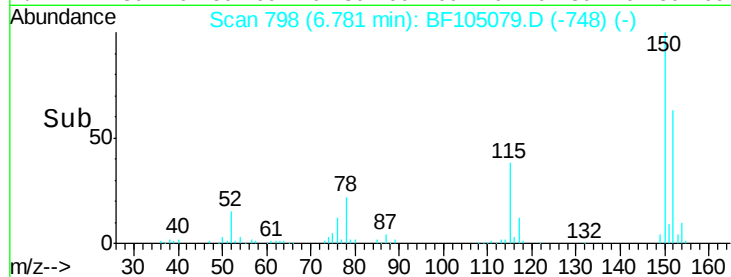
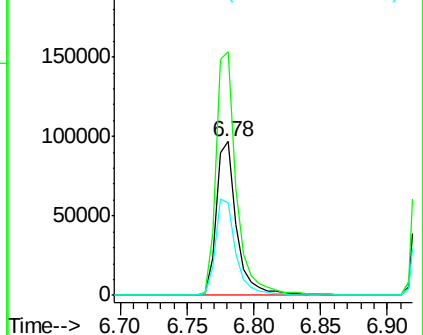
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105079.D
Acq: 3 May 2018 18:16

Instrument :
BNA_F
ClientSampleId :
PB108708BL

Tot Ion:152 Resp: 104910
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.0 50.1 75.1



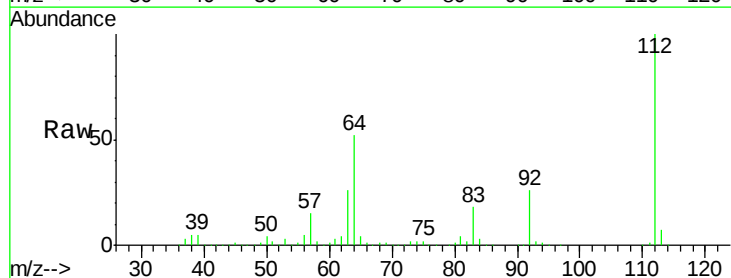
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



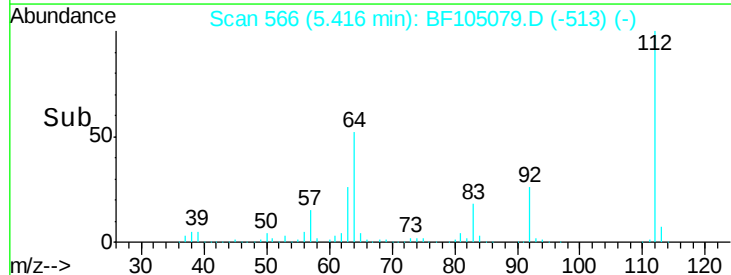
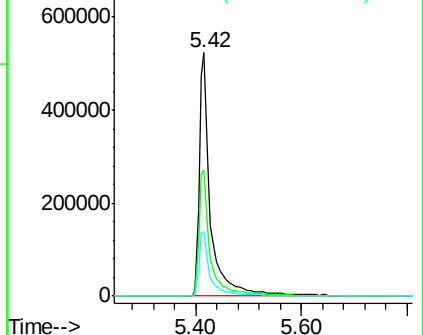
#5

2-Fluorophenol
Concen: 114.829 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF105079.D
Acq: 3 May 2018 18:16

Tgt Ion:112 Resp: 787856
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 26.3 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: 111.571 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105079.D

Acq: 3 May 2018 18:16

Instrument :

BNA_F

ClientSampleId :

PB108708BL

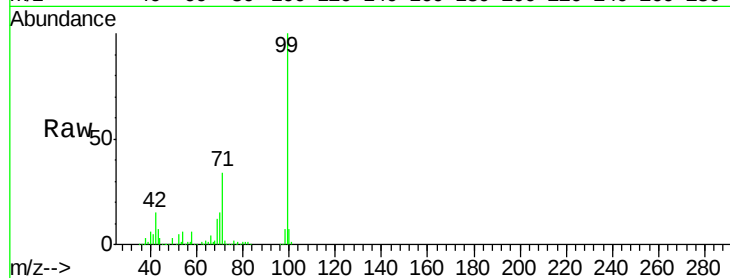
Tot Ion: 99 Resp: 940546

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

71 34.4 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

800000

600000

400000

200000

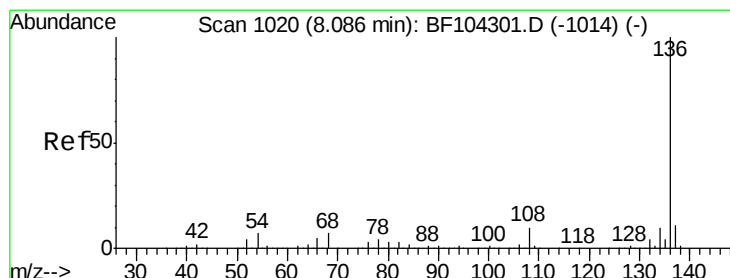
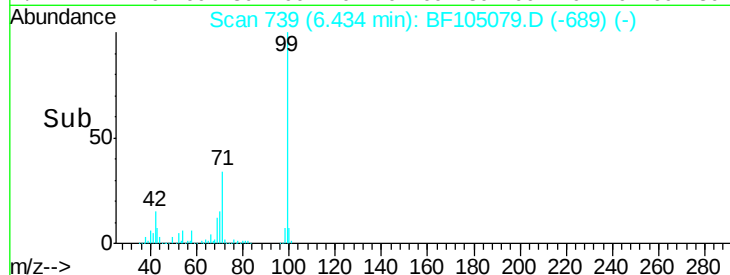
0

6.43

6.40

6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105079.D

Acq: 3 May 2018 18:16

Tgt Ion: 136 Resp: 447033

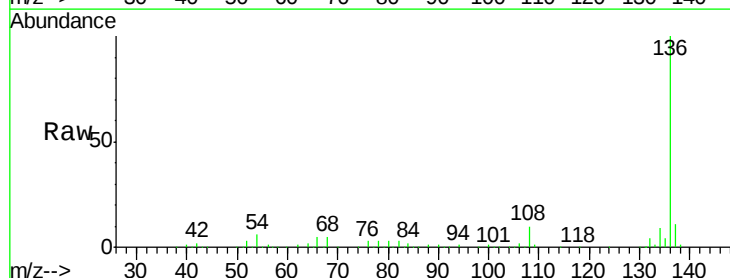
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.1 6.6 9.8#

68 5.4 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

600000

500000

400000

300000

200000

100000

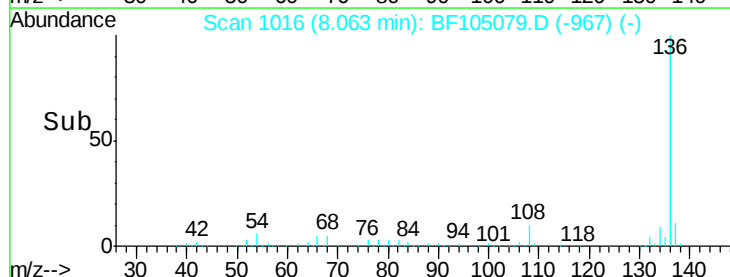
0

8.06

8.00

8.20

Time-->

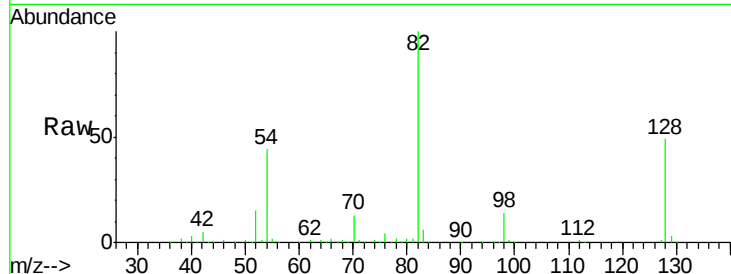




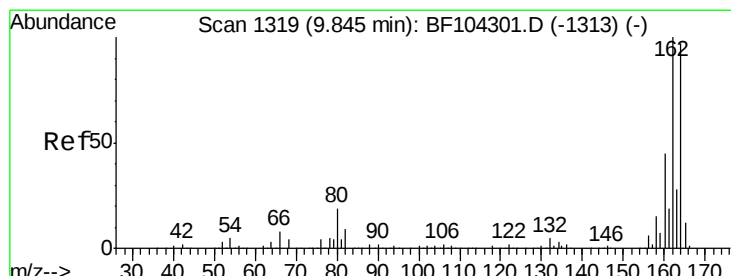
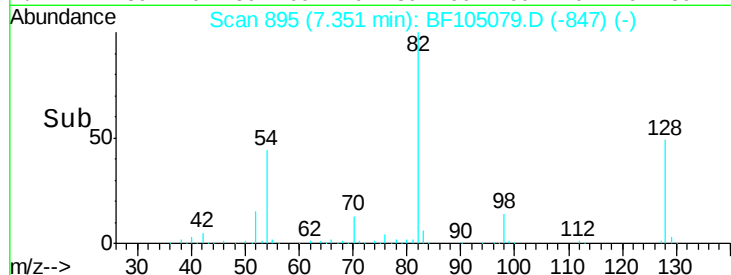
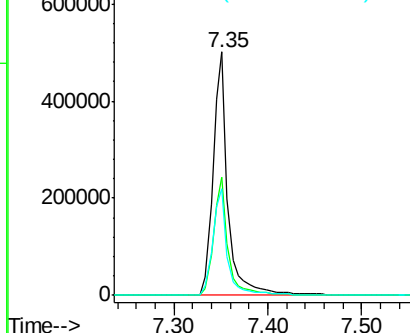
#23
 Nitrobenzene-d5
 Concen: 81.869 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105079.D
 Acq: 3 May 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BL

Tot Ion	82	Resp	560475
Ion Ratio	100	Lower	Upper
128	48.5	36.1	54.1
54	43.9	41.4	62.2

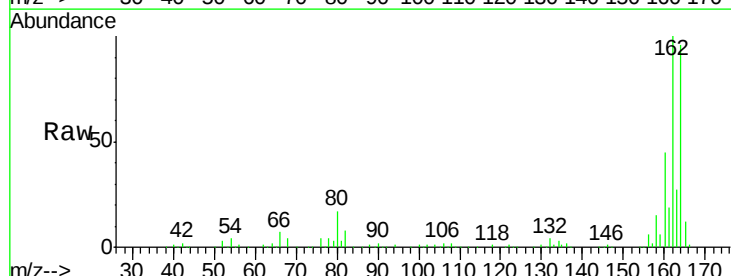


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

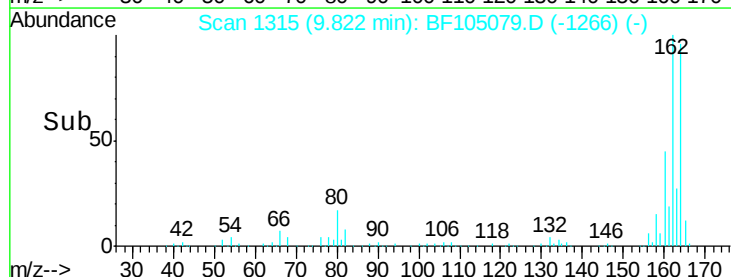
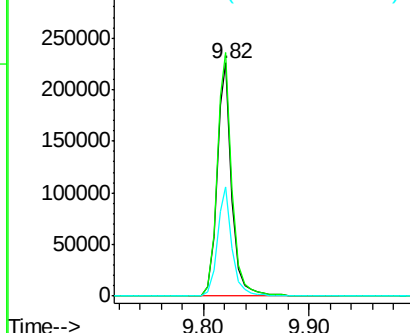


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105079.D
 Acq: 3 May 2018 18:16

Tgt Ion	164	Resp	221324
Ion Ratio	100	Lower	Upper
162	104.4	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: 120.484 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105079.D

Acq: 3 May 2018 18:16

Instrument :

BNA_F

ClientSampleId :

PB108708BL

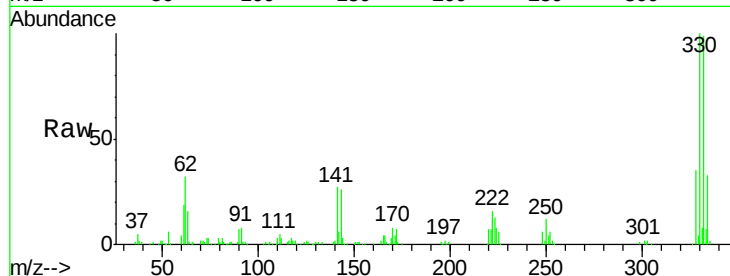
Tot Ion:330 Resp: 276613

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

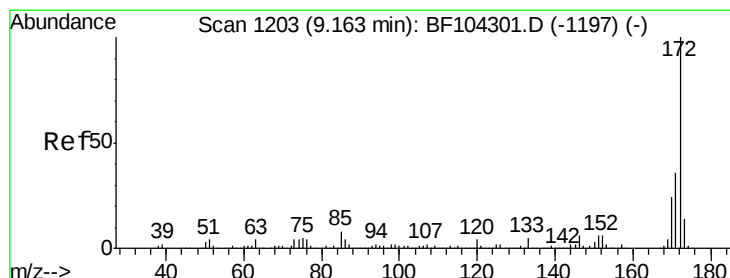
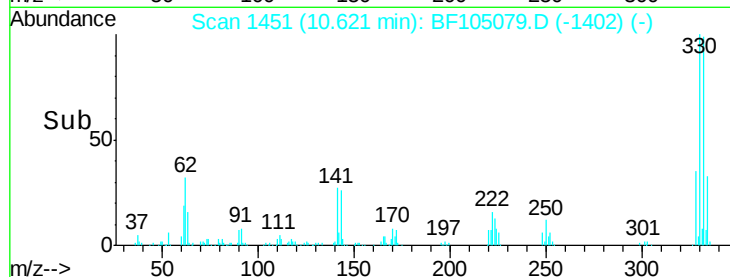
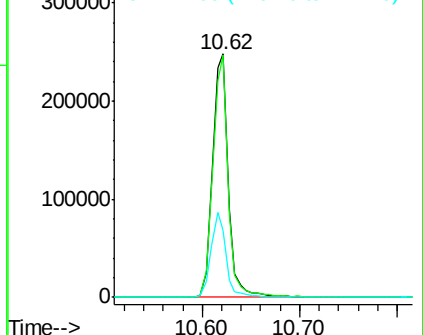
141 33.3 29.9 44.9



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: 79.911 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF105079.D

Acq: 3 May 2018 18:16

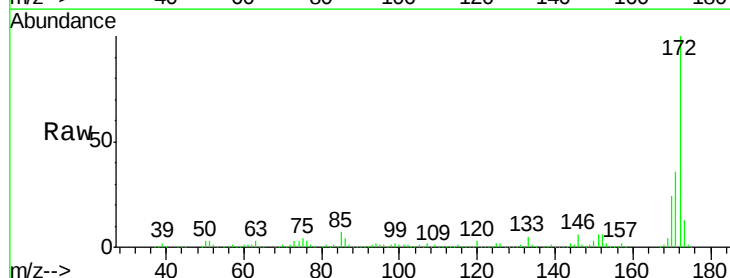
Tgt Ion:172 Resp: 1119556

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

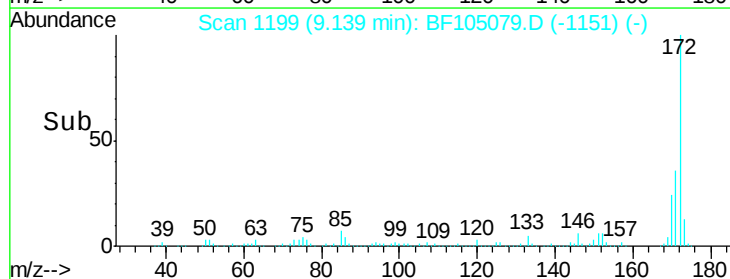
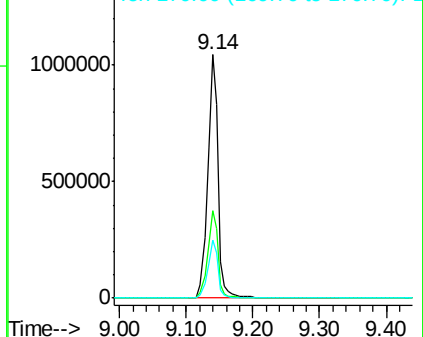
170 23.7 19.6 29.4

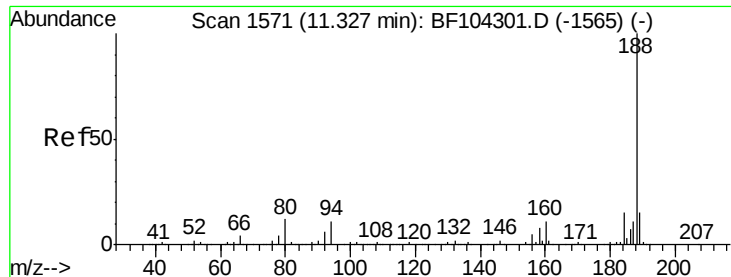


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

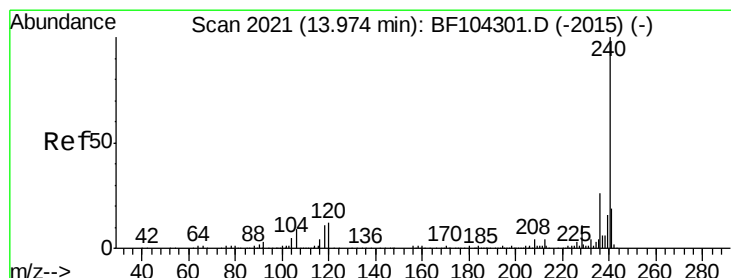
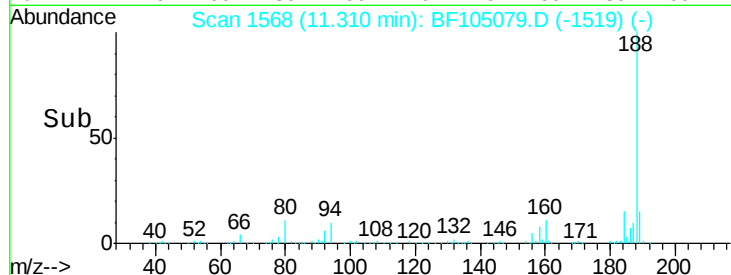
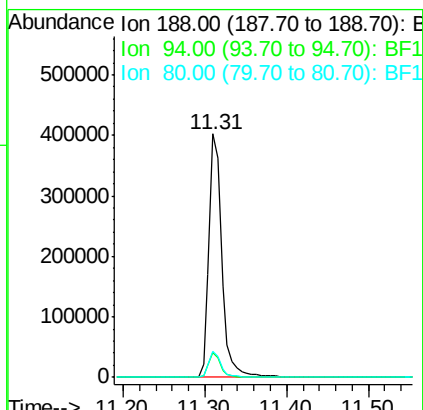
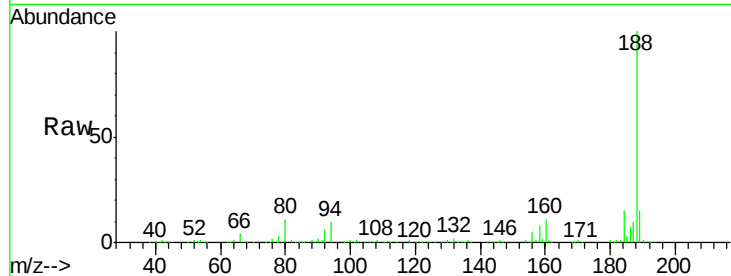




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105079.D
Acq: 3 May 2018 18:16

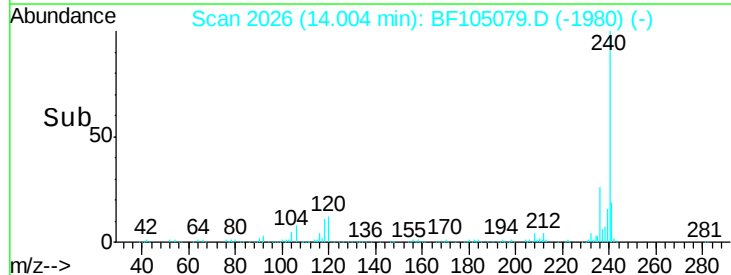
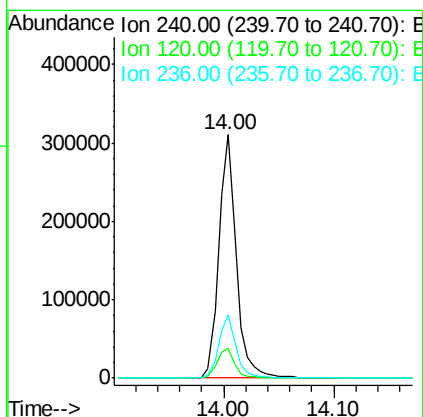
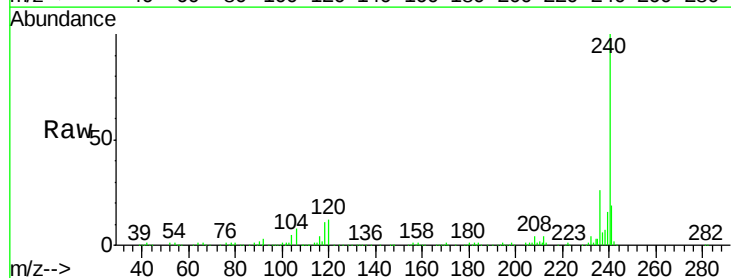
Instrument :
BNA_F
ClientSampleId :
PB108708BL

Tot Ion:188 Resp: 439363
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF105079.D
Acq: 3 May 2018 18:16

Tgt Ion:240 Resp: 343449
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 81.631 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105079.D

Acq: 3 May 2018 18:16

Instrument :

BNA_F

ClientSampleId :

PB108708BL

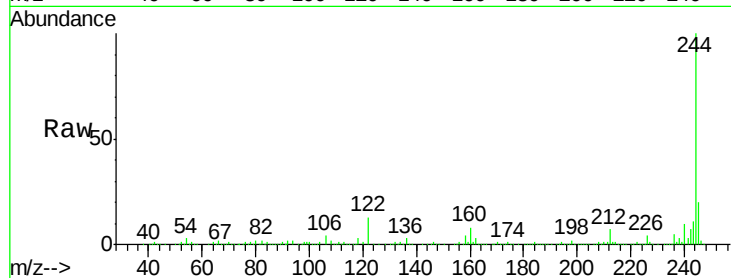
Tot Ion:244 Resp: 1229752

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

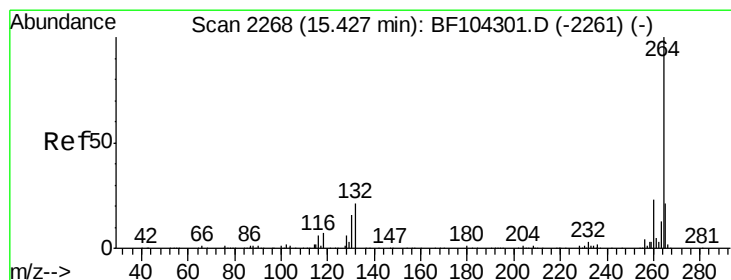
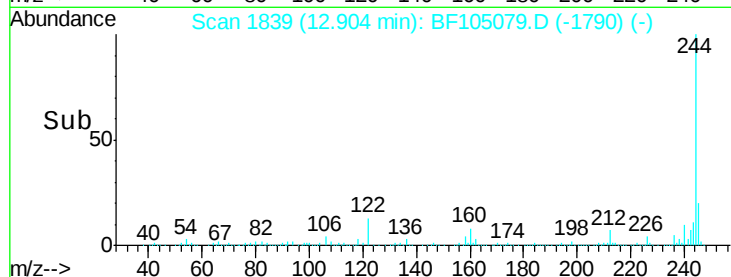
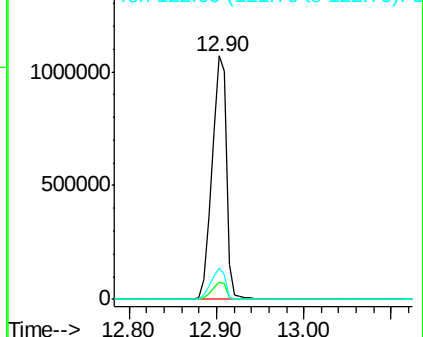
122 12.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.04 min

Lab File: BF105079.D

Acq: 3 May 2018 18:16

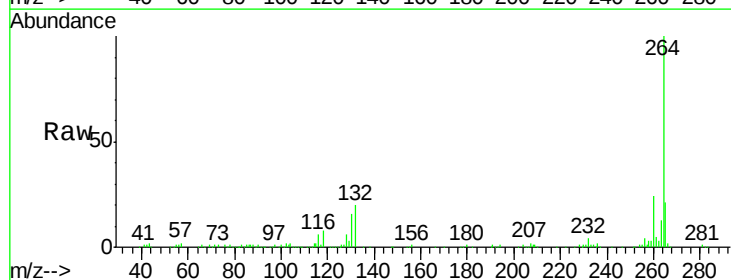
Tgt Ion:264 Resp: 256468

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

