

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107871.D
 Acq On : 1 Aug 2018 1:01
 Operator : JU/SJ
 Sample : J3825-15 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-C

Quant Time: Aug 01 04:42:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145451	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	613537	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	220495	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	429112	20.00	ng	0.00
75) Chrysene-d12	14.15	240	397277	20.00	ng	0.00
86) Perylene-d12	15.69	264	281930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	358969	41.94	ng	0.00
7) Phenol-d6	6.60	99	483559	42.87	ng	0.00
23) Nitrobenzene-d5	7.53	82	277614	26.07	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	104112	34.75	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	539922	34.12	ng	0.00
78) Terphenyl-d14	13.08	244	574284	31.35	ng	0.00

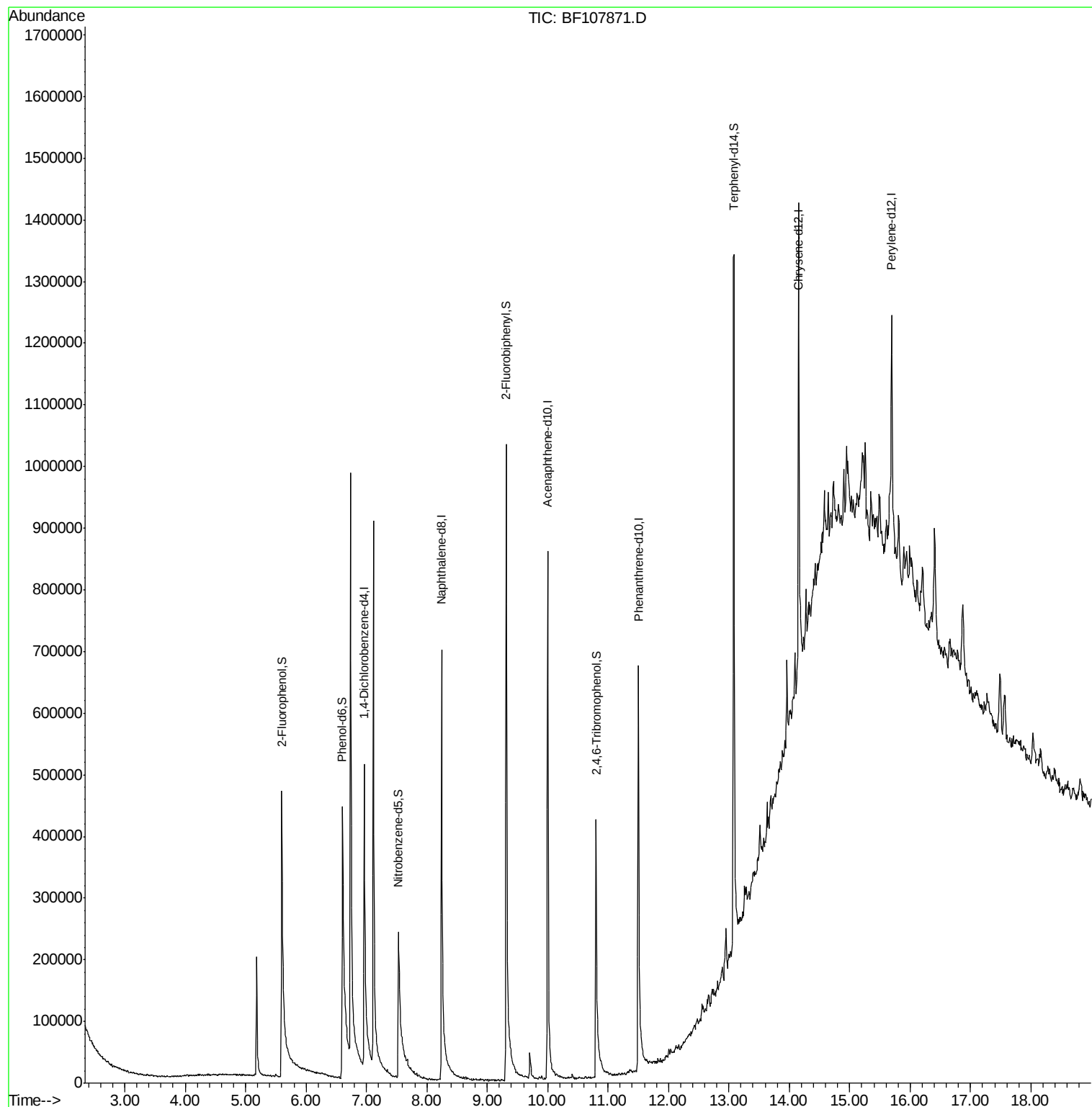
Target Compounds Qvalue

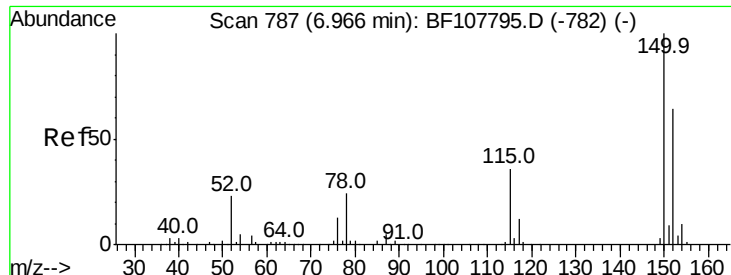
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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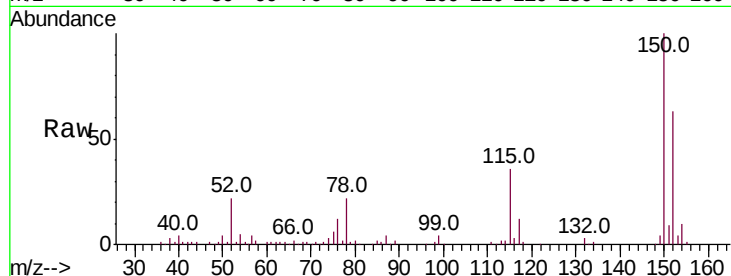


#1

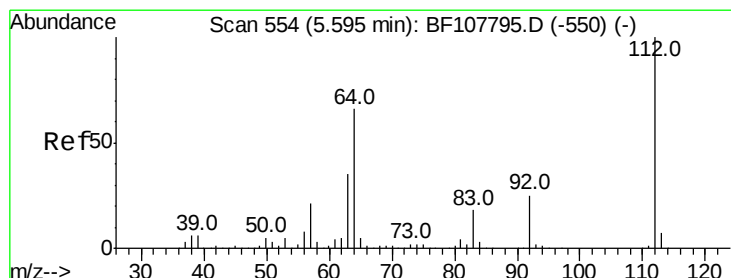
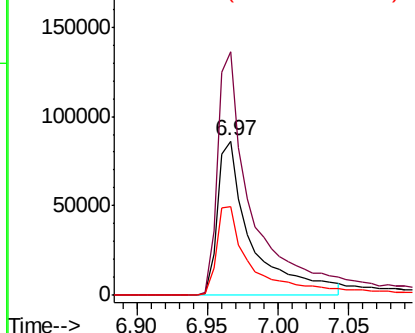
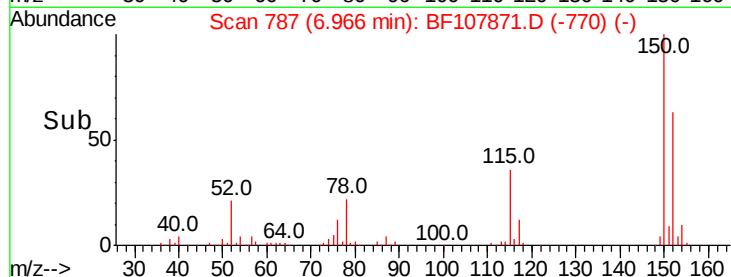
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-C

Tot Ion:152 Resp: 145451
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 57.6 50.1 75.1



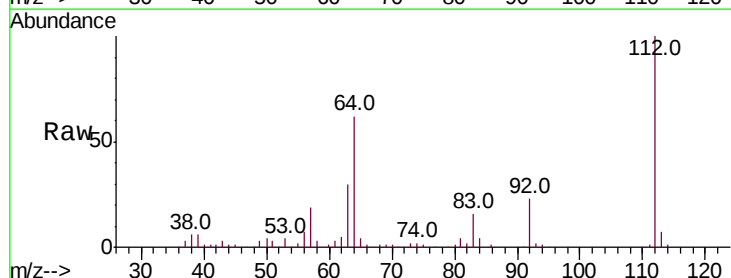
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



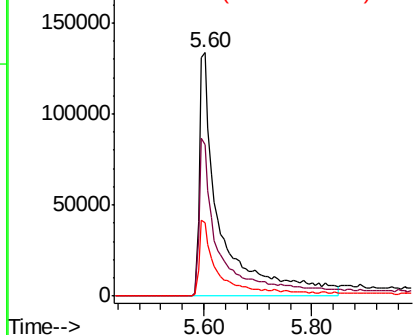
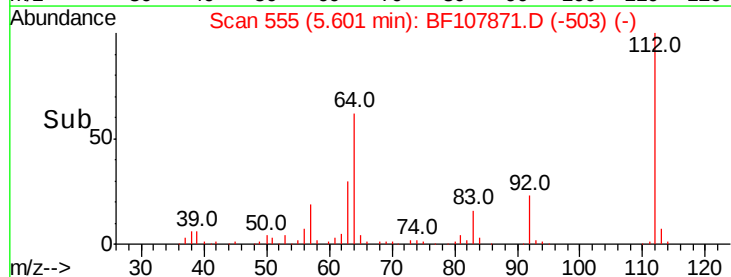
#5

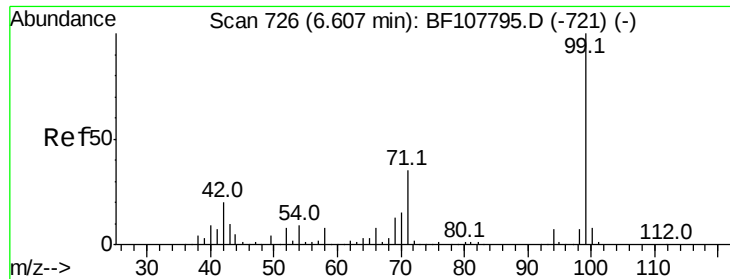
2-Fluorophenol
 Concen: 41.944 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Tgt Ion:112 Resp: 358969
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 30.1 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: 42.872 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107871.D

Acq: 1 Aug 2018 1:01

Instrument :

BNA_F

ClientSampleId :

CL-01-073018-C

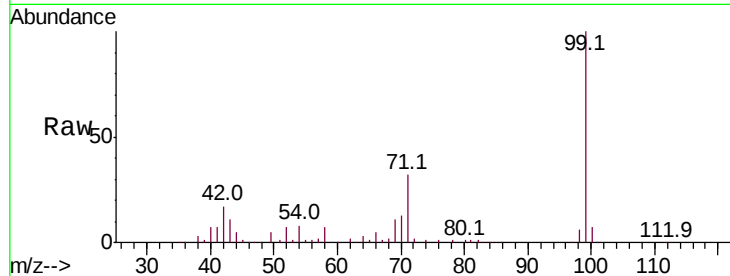
Tot Ion: 99 Resp: 483559

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

71 32.0 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

200000

150000

100000

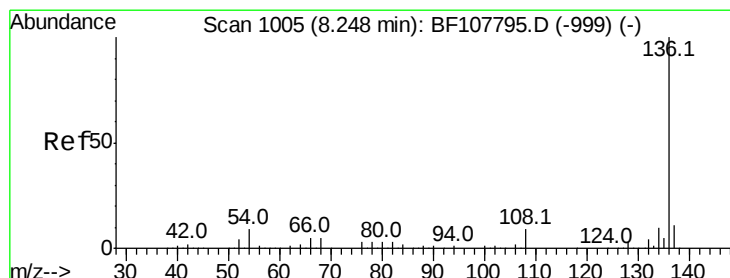
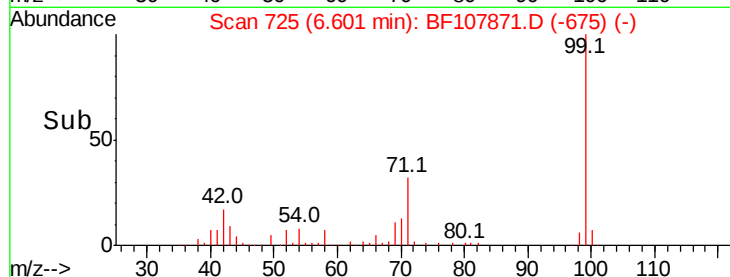
50000

0

6.60

6.50 6.60 6.70 6.80 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107871.D

Acq: 1 Aug 2018 1:01

Tgt Ion: 136 Resp: 613537

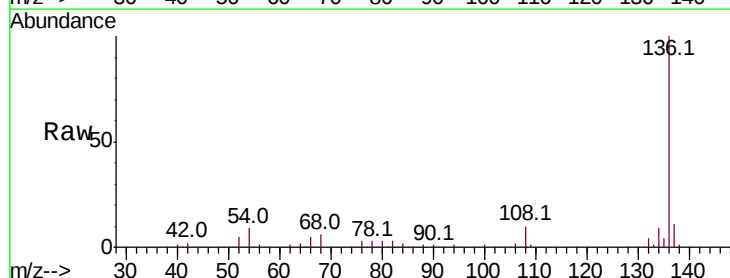
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.5 6.6 9.8

68 6.4 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

500000

400000

300000

200000

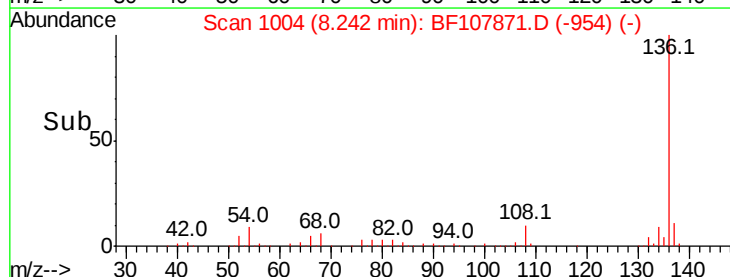
100000

0

8.24

8.20 8.40 8.60

Time-->

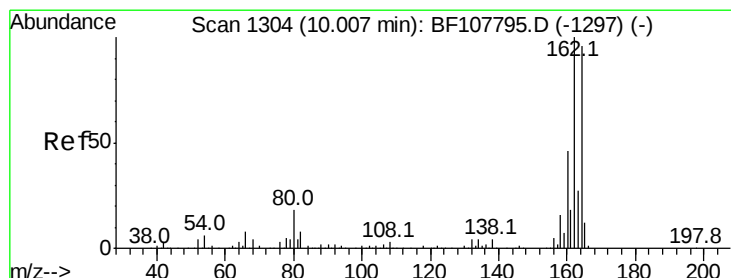
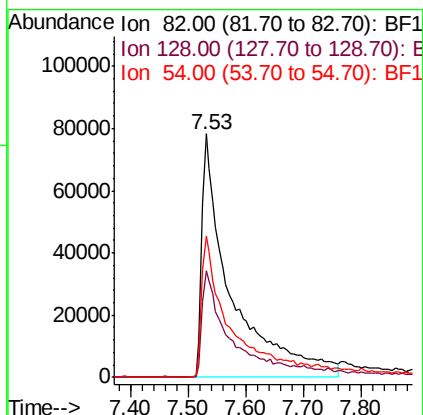
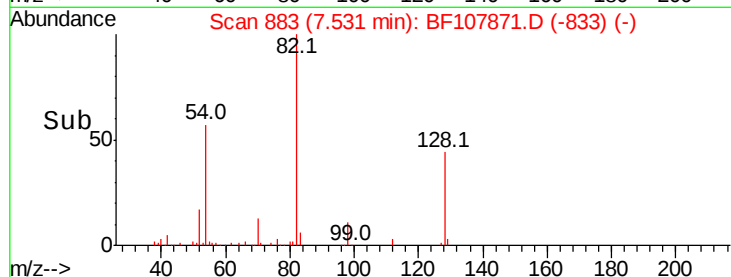
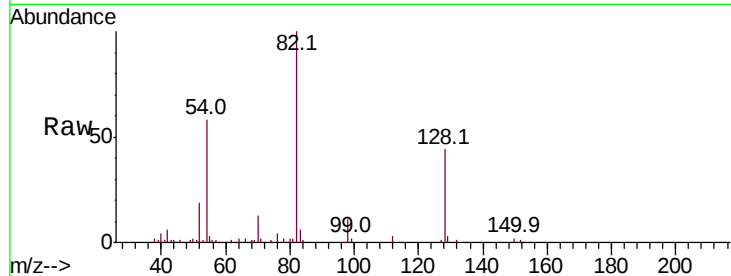




#23
Nitrobenzene-d5
Concen: 26.068 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

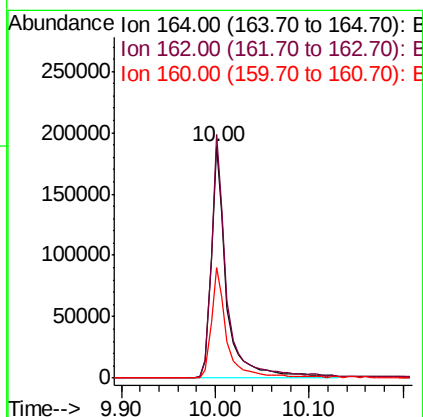
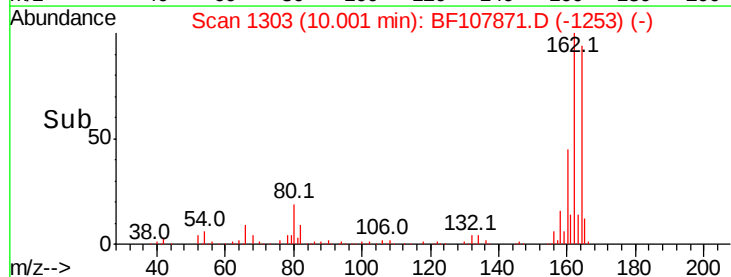
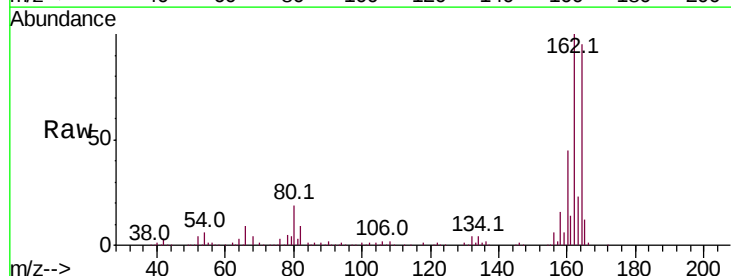
Instrument :
BNA_F
ClientSampleId :
CL-01-073018-C

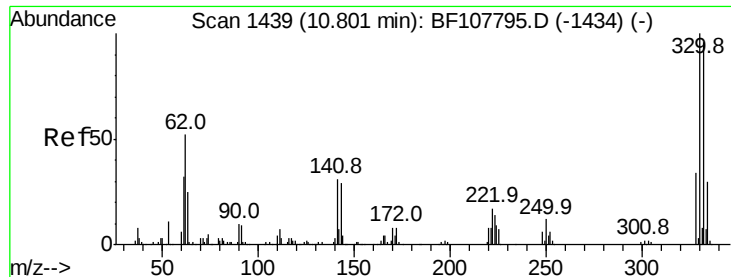
Tot Ion: 82 Resp: 277614
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 58.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

Tgt Ion:164 Resp: 220495
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 47.7 38.3 57.5

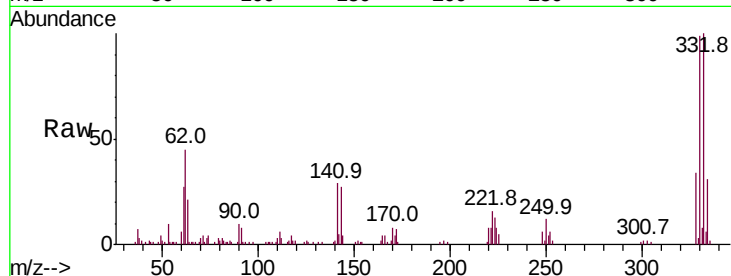




#41
 2,4,6-Tribromophenol
 Concen: 34.749 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	27.8	29.9	44.9#

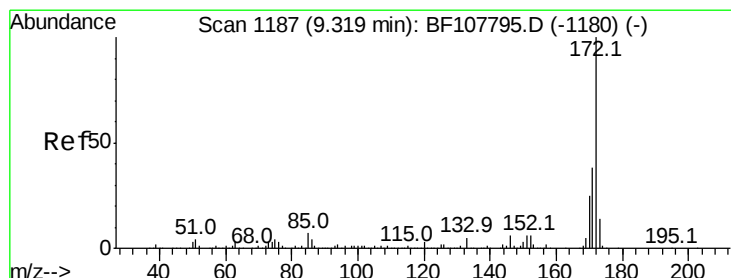
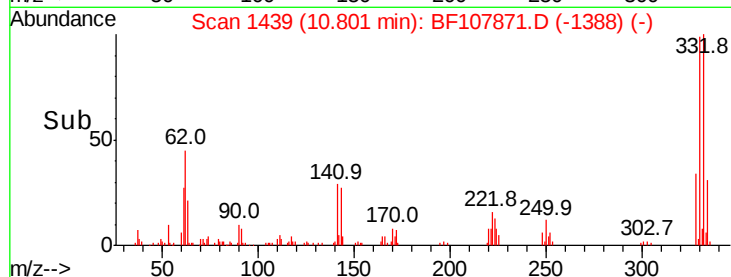
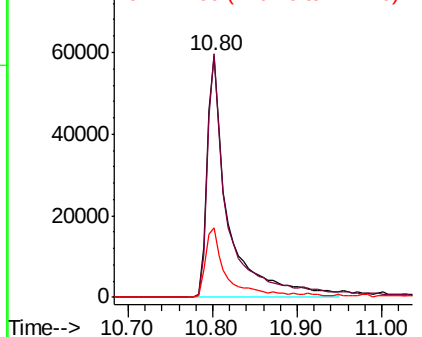


Abundance

Ion 329.80 (329.50 to 330.50): E

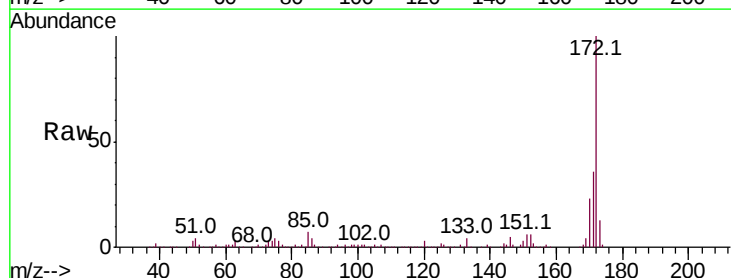
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 34.122 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	22.8	19.6	29.4

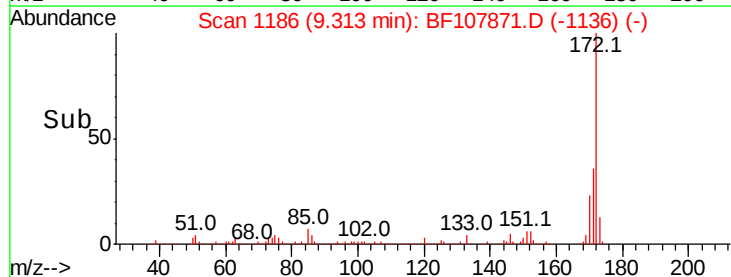
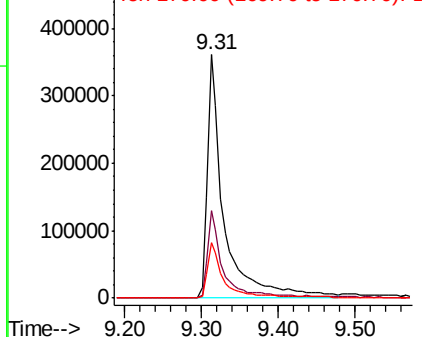


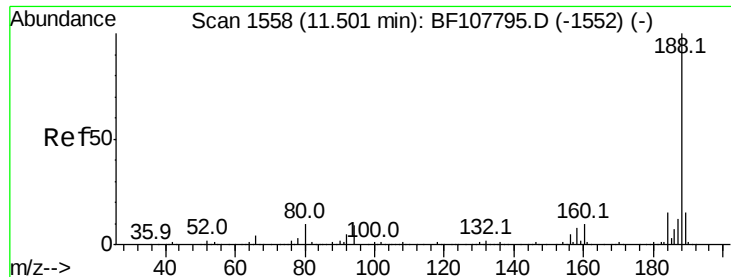
Abundance

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: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF107871.D

Acq: 1 Aug 2018 1:01

Instrument :

BNA_F

ClientSampleId :

CL-01-073018-C

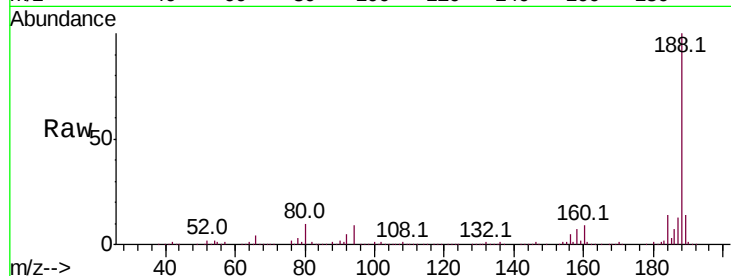
Tot Ion:188 Resp: 429112

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

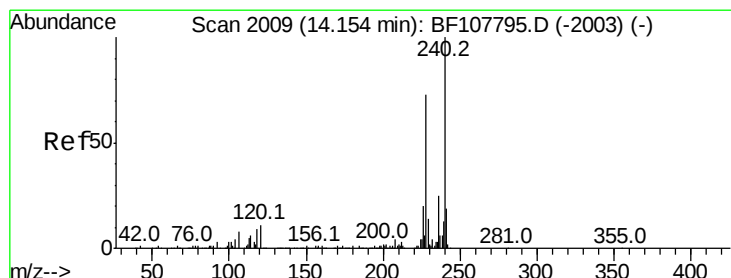
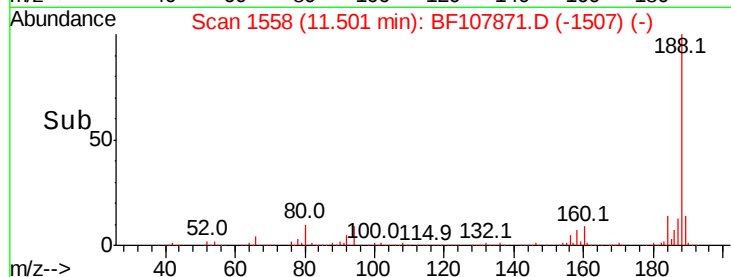
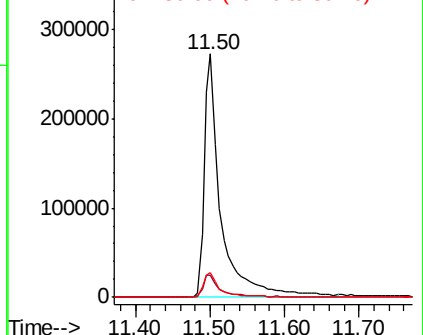
80 10.0 9.2 13.8



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: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107871.D

Acq: 1 Aug 2018 1:01

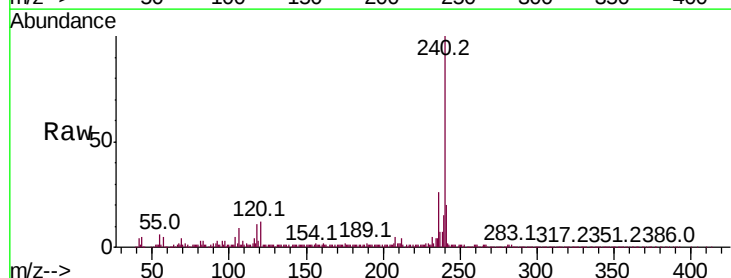
Tgt Ion:240 Resp: 397277

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

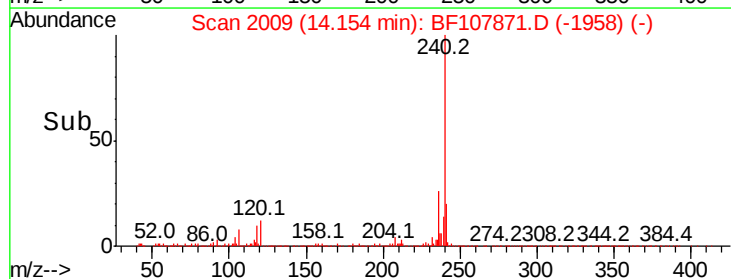
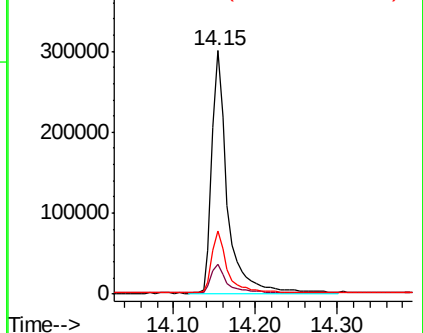
236 26.0 20.7 31.1

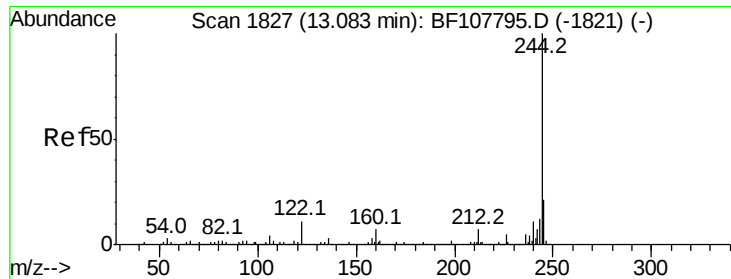


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

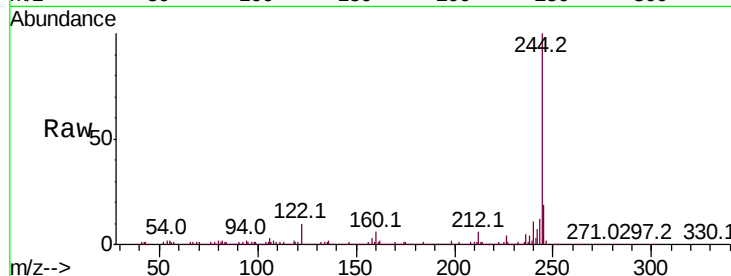




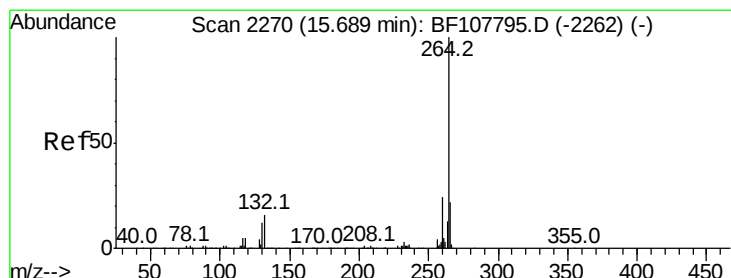
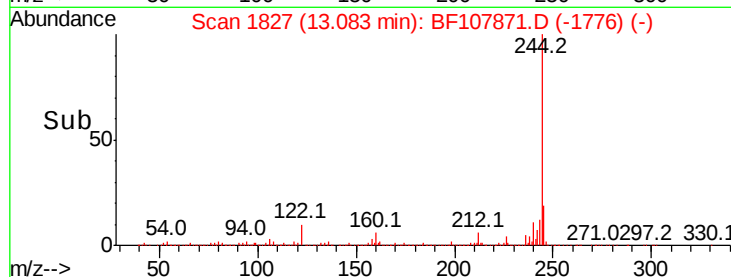
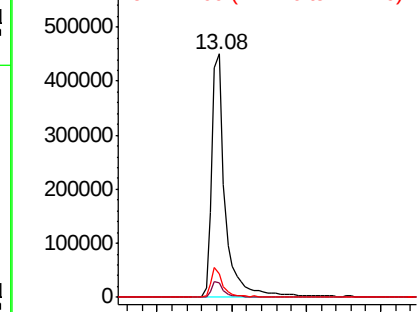
#78
 Terphenyl-d14
 Concen: 31.346 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-C

Tot Ion:244 Resp: 574284
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.9 11.0 16.4#

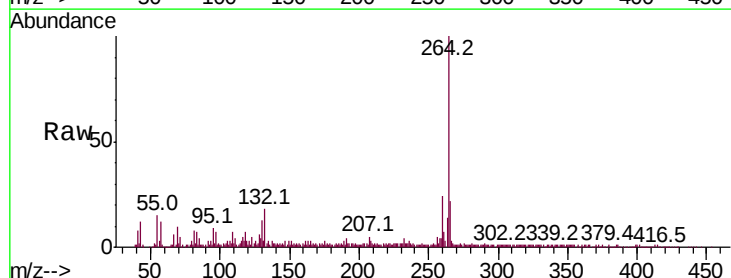


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Tgt Ion:264 Resp: 281930
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.9 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

