

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107870.D
 Acq On : 1 Aug 2018 00:34
 Operator : JU/SJ
 Sample : J3825-13 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Aug 01 04:40:41 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	6.96	152	163630	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	679937	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	249370	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	445454	20.00	ng	0.00
75) Chrysene-d12	14.15	240	425283	20.00	ng	0.00
86) Perylene-d12	15.69	264	298343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	391954	40.71	ng	0.00
7) Phenol-d6	6.60	99	550394	43.38	ng	0.00
23) Nitrobenzene-d5	7.53	82	315887	26.76	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	107790	31.81	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	601782	33.63	ng	0.00
78) Terphenyl-d14	13.08	244	557424	28.42	ng	0.00

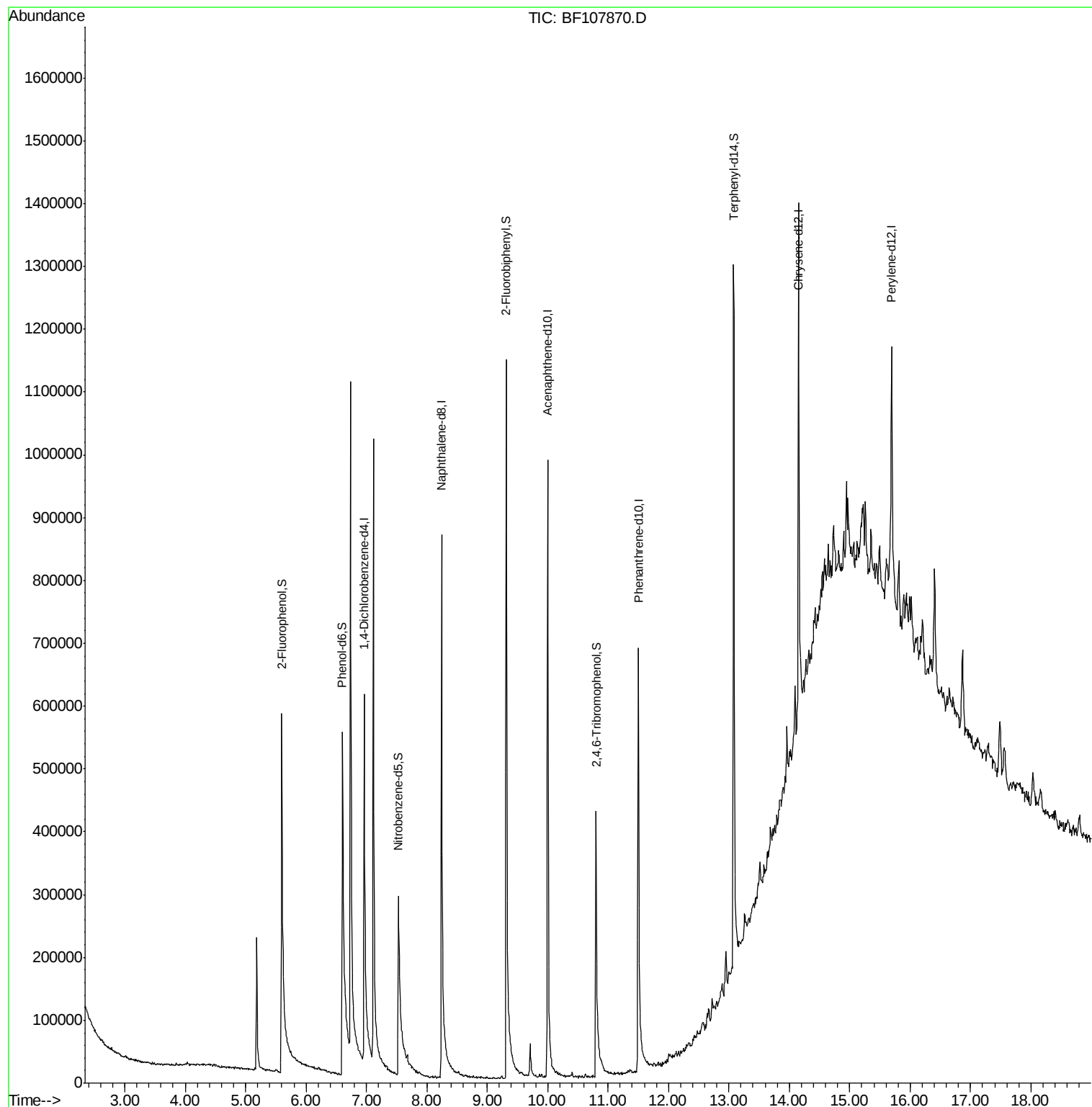
Target Compounds Qvalue

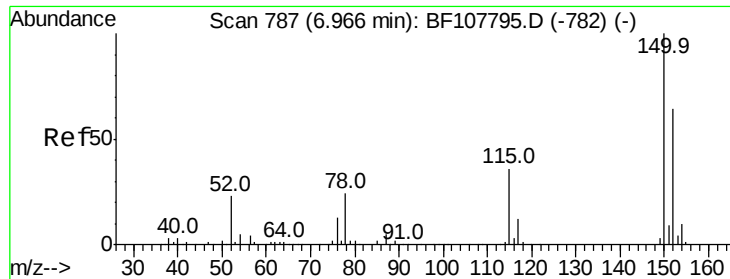
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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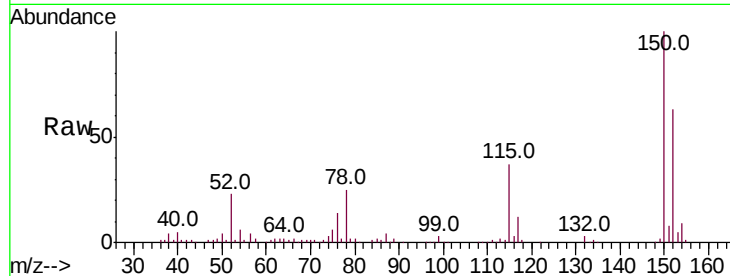


#1

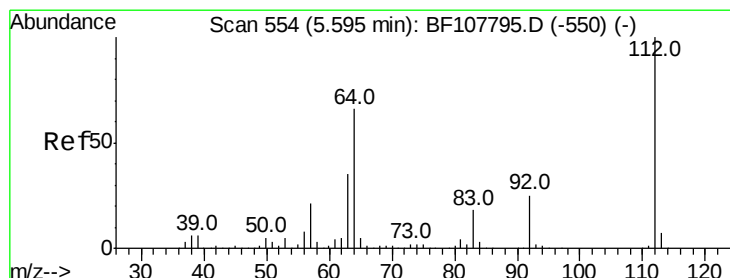
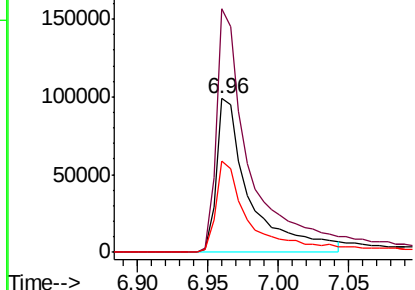
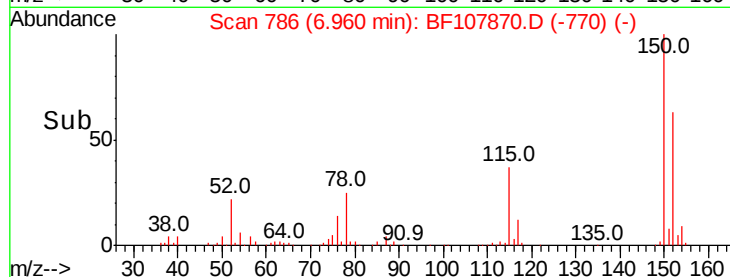
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107870.D
 Acq: 1 Aug 2018 00:34

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

Tot Ion:152 Resp: 163630
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 59.5 50.1 75.1



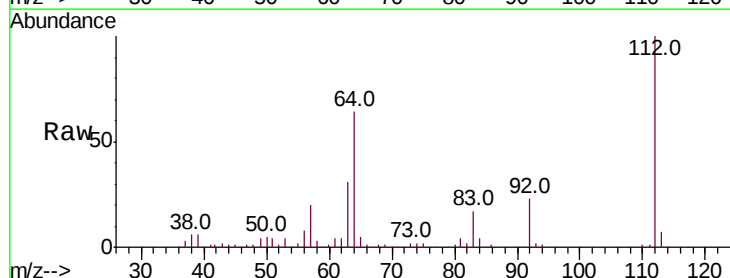
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



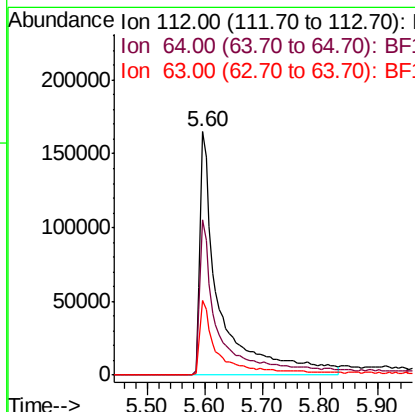
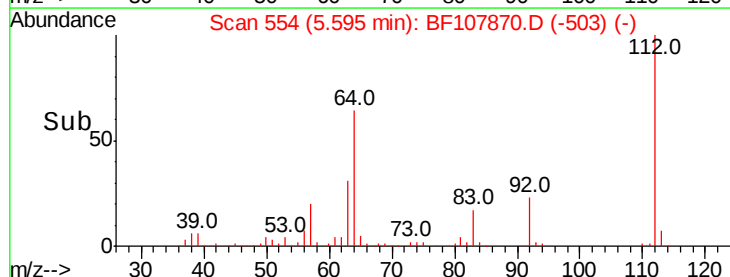
#5

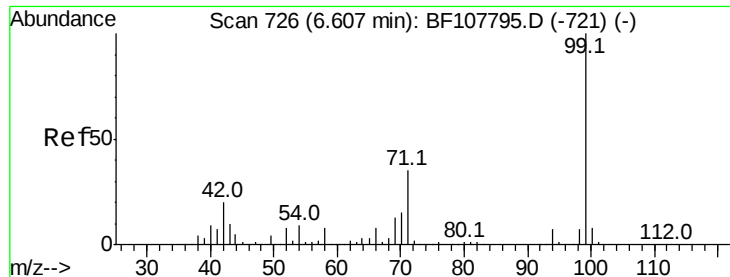
2-Fluorophenol
 Concen: 40.710 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107870.D
 Acq: 1 Aug 2018 00:34

Tgt Ion:112 Resp: 391954
 Ion Ratio Lower Upper
 112 100
 64 63.6 47.9 71.9
 63 30.8 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: 43.376 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107870.D

Acq: 1 Aug 2018 00:34

Instrument :

BNA_F

ClientSampleId :

CL-01-073018-B

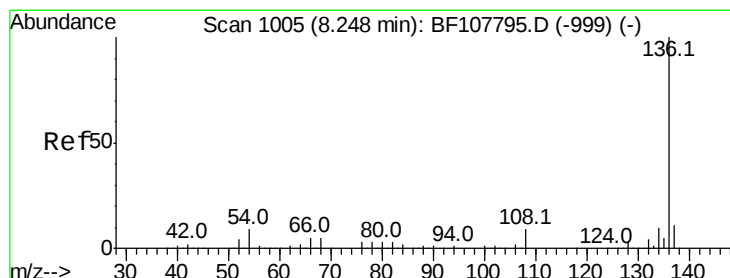
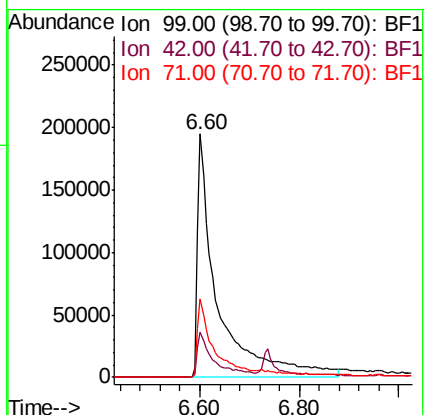
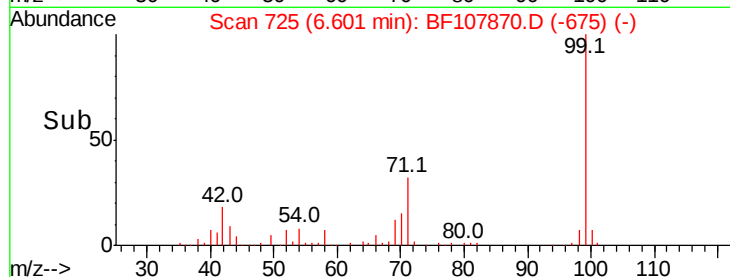
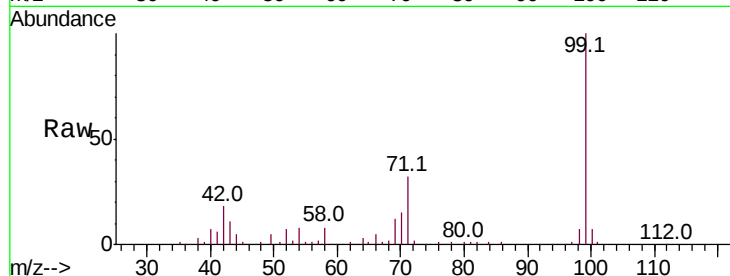
Tot Ion: 99 Resp: 550394

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 32.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107870.D

Acq: 1 Aug 2018 00:34

Tgt Ion: 136 Resp: 679937

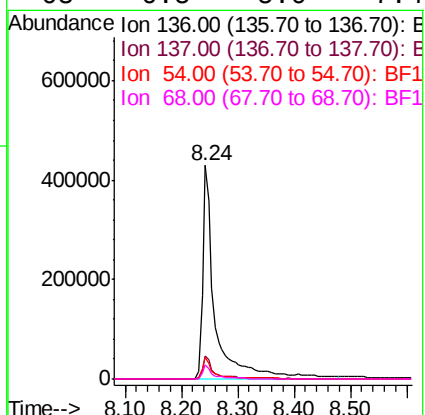
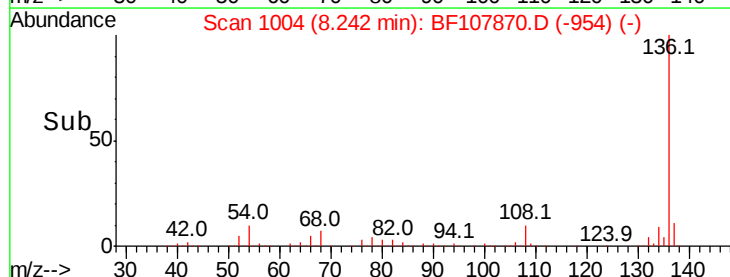
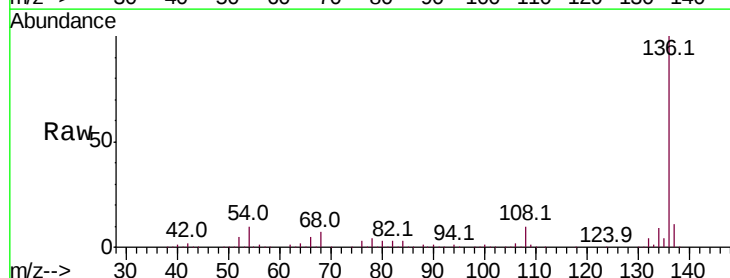
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.1 6.6 9.8#

68 6.5 5.0 7.4

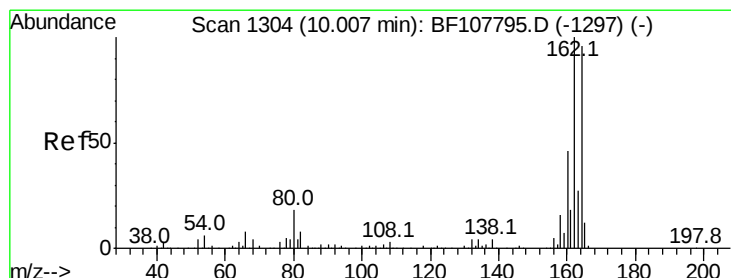
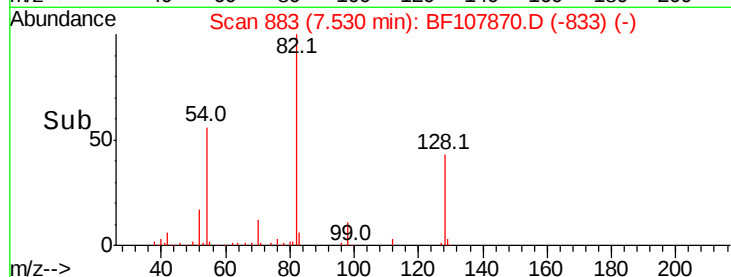
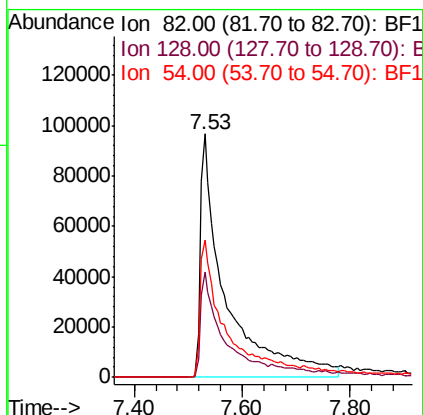
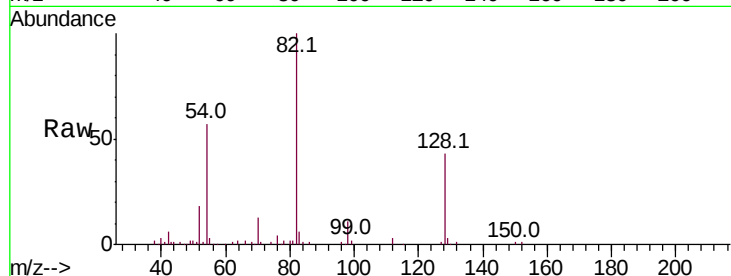




#23
 Nitrobenzene-d5
 Concen: 26.765 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107870.D
 Acq: 1 Aug 2018 00:34

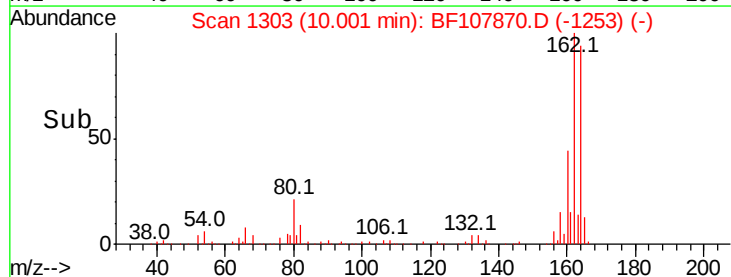
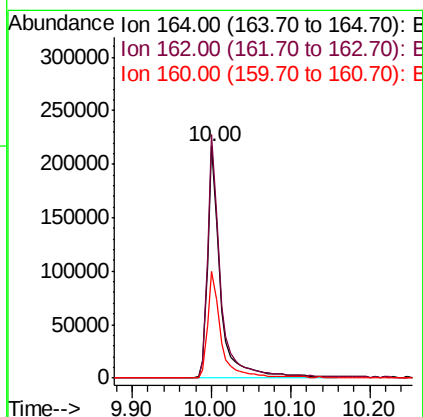
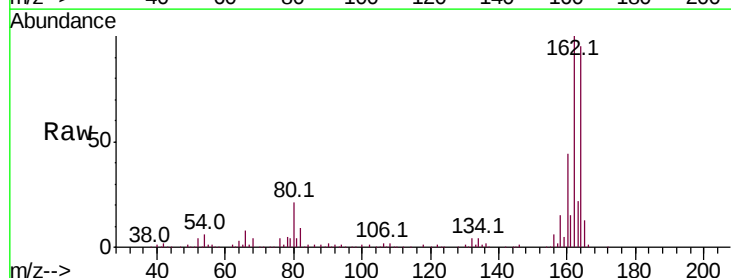
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-B

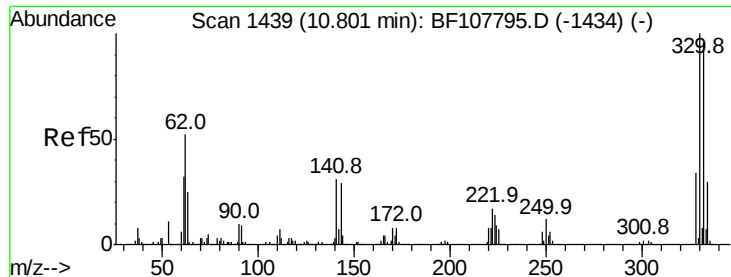
Tot Ion: 82 Resp: 315887
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 56.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107870.D
 Acq: 1 Aug 2018 00:34

Tgt Ion:164 Resp: 249370
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.9 38.3 57.5

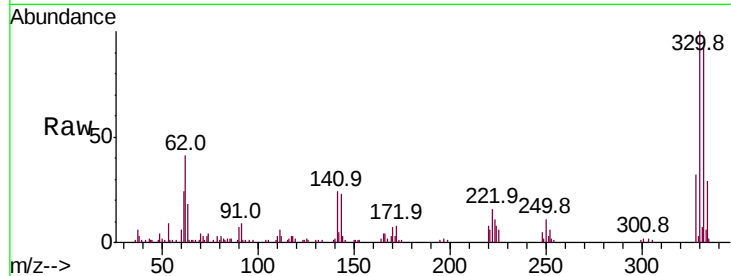




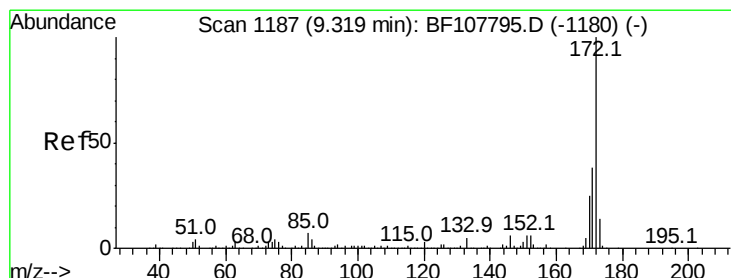
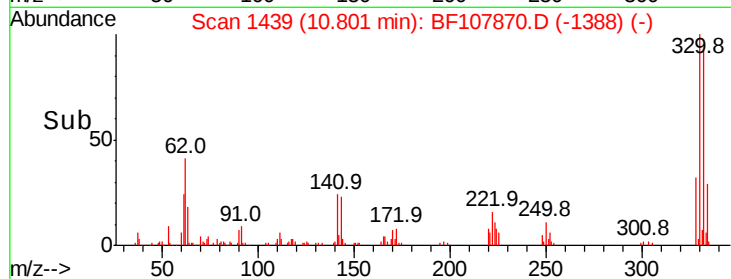
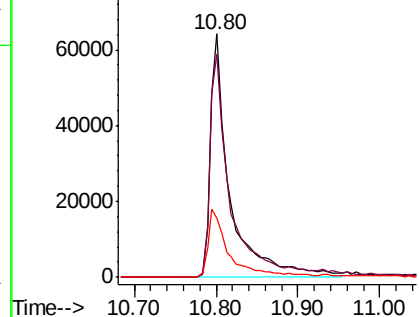
#41
 2,4,6-Tribromophenol
 Concen: 31.811 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107870.D
 Acq: 1 Aug 2018 00:34

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	30.7	29.9	44.9

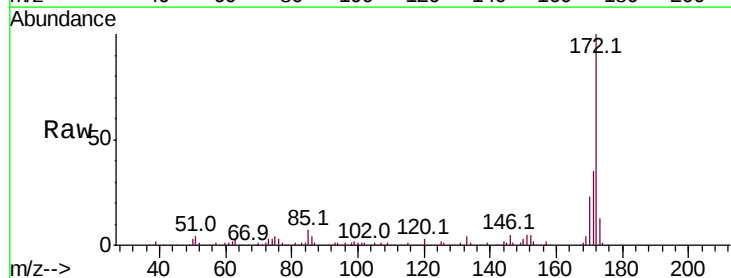


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

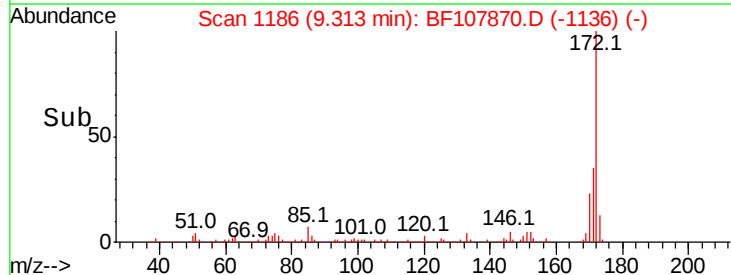
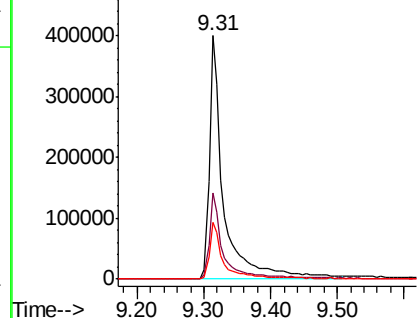


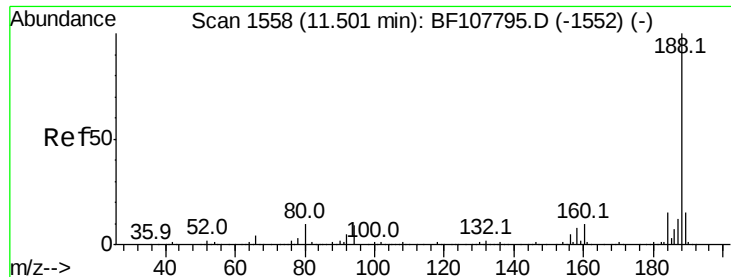
#44
 2-Fluorobiphenyl
 Concen: 33.628 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107870.D
 Acq: 1 Aug 2018 00:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	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

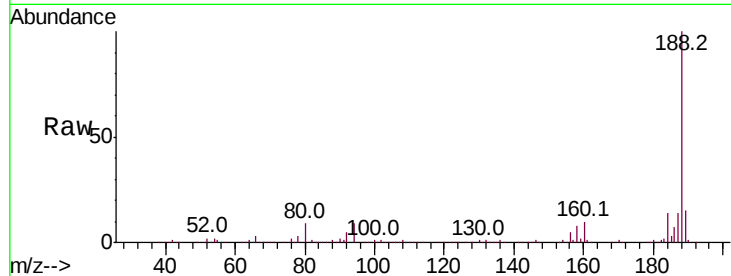




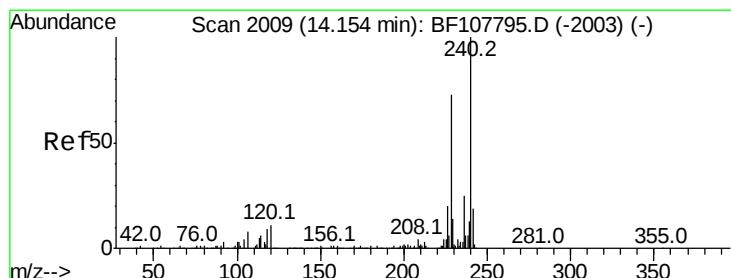
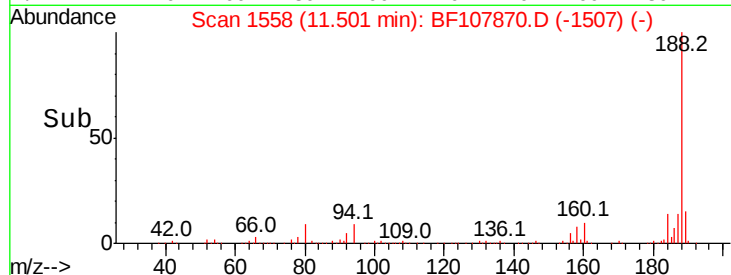
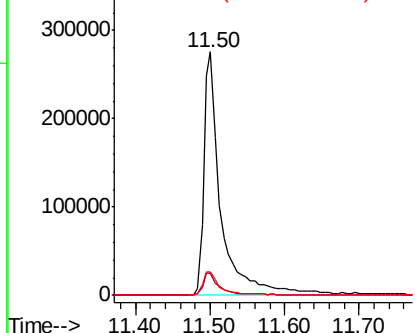
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

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

Tot Ion:188 Resp: 445454
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.4 9.2 13.8

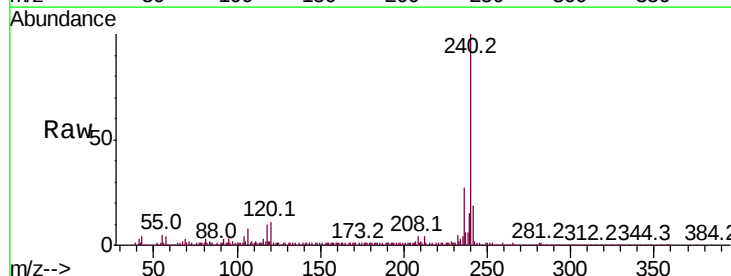


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

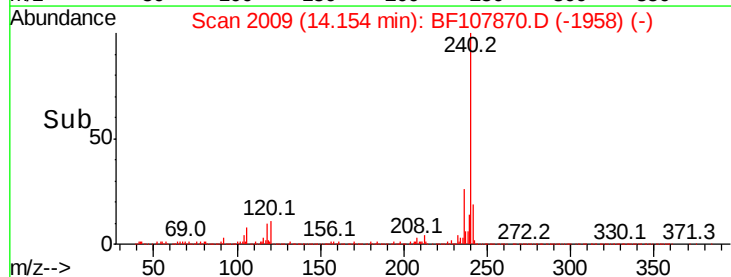
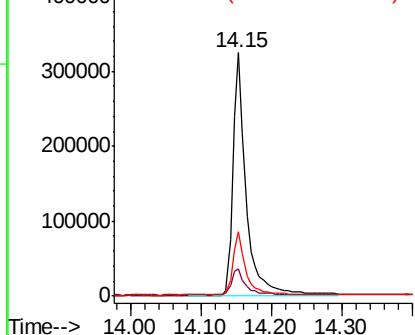


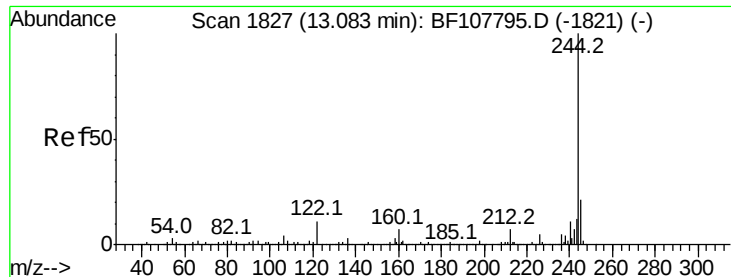
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Tgt Ion:240 Resp: 425283
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.6 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: 28.422 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107870.D

Acq: 1 Aug 2018 00:34

Instrument :

BNA_F

ClientSampleId :

CL-01-073018-B

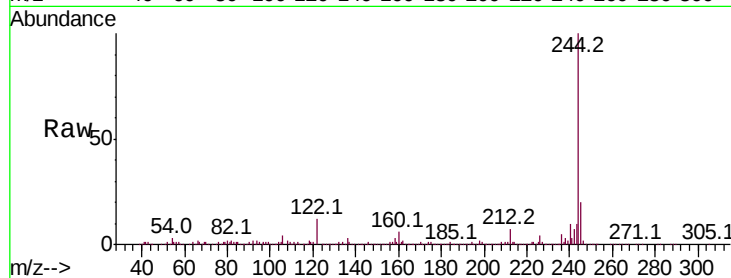
Tot Ion:244 Resp: 557424

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

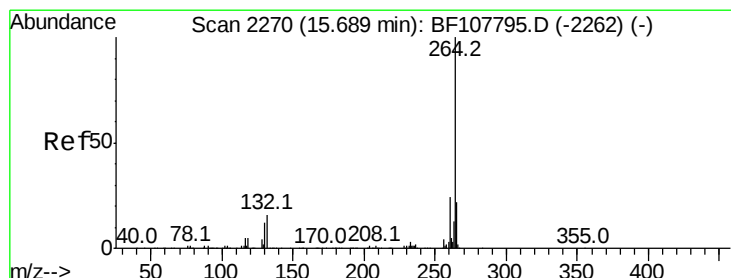
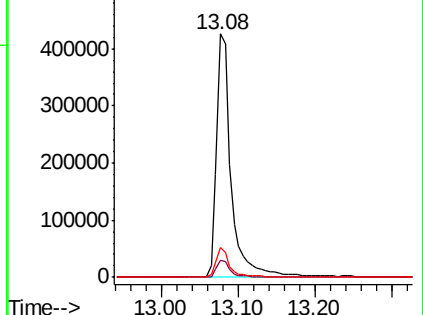
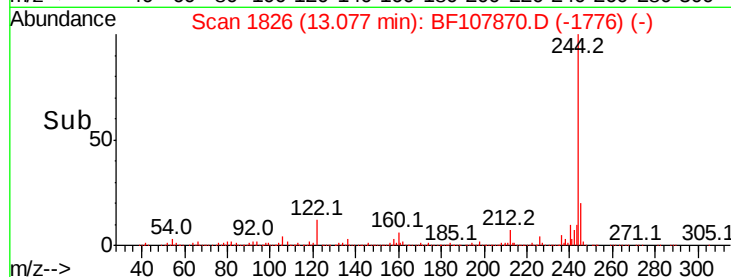
122 12.4 11.0 16.4



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: BF107870.D

Acq: 1 Aug 2018 00:34

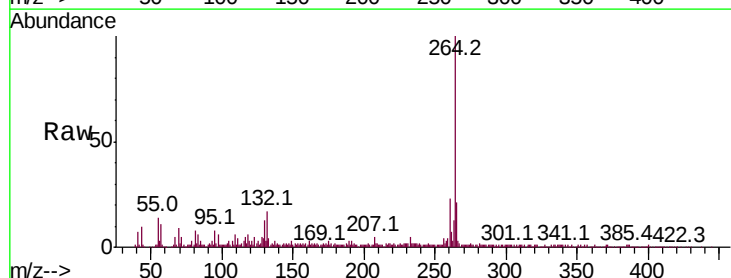
Tgt Ion:264 Resp: 298343

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 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

