

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107867.D
 Acq On : 31 Jul 2018 23:14
 Operator : JU/SJ
 Sample : J3823-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-A

Quant Time: Aug 01 04:16:19 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	168922	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	732950	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	296210	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	498705	20.00	ng	0.00
75) Chrysene-d12	14.15	240	460167	20.00	ng	0.00
86) Perylene-d12	15.68	264	360535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	393777	39.62	ng	0.00
7) Phenol-d6	6.60	99	571969	43.66	ng	0.00
23) Nitrobenzene-d5	7.53	82	343656	27.01	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	129787	32.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	716494	33.71	ng	0.00
78) Terphenyl-d14	13.08	244	574839	27.09	ng	0.00

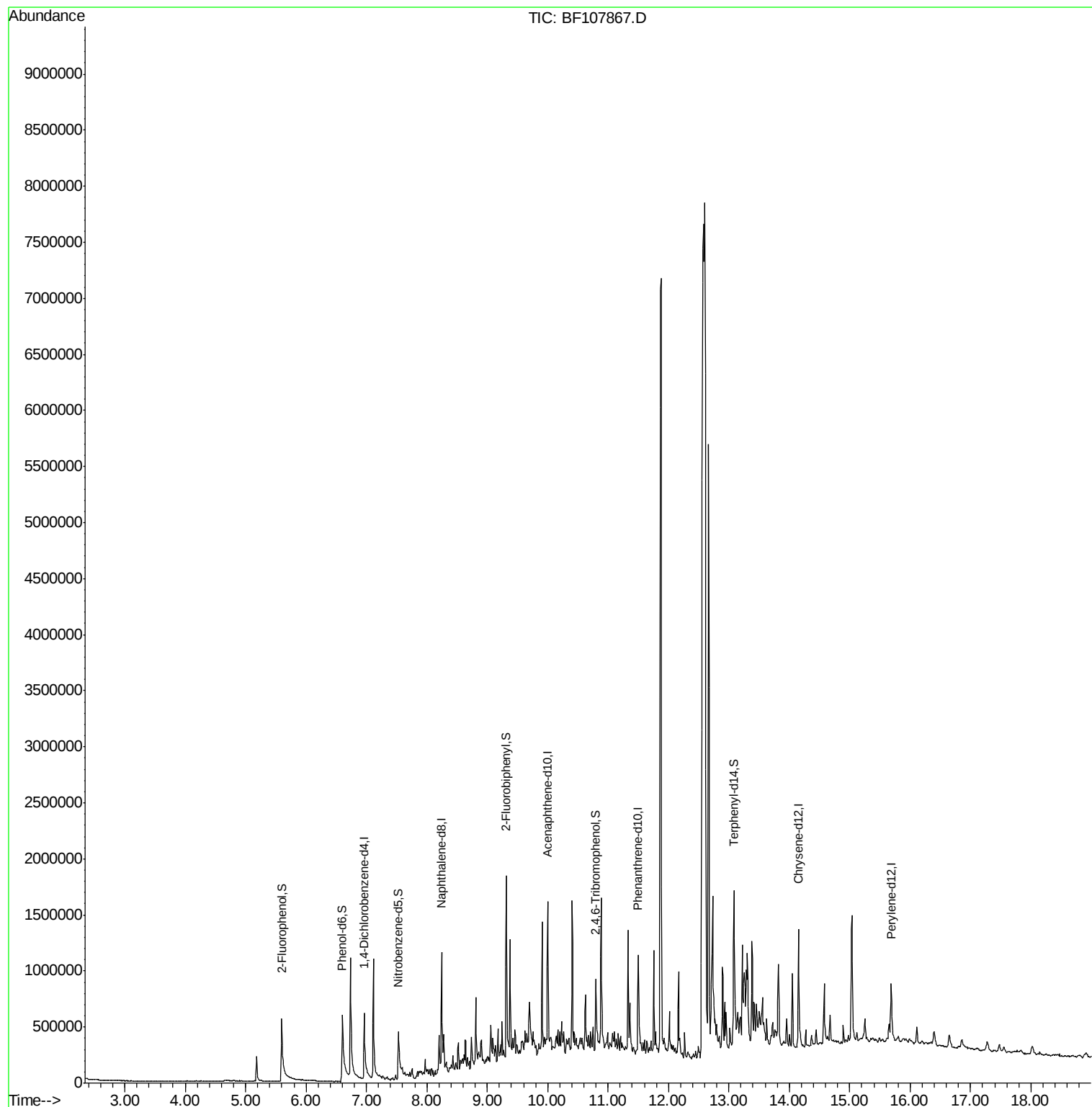
Target Compounds Qvalue

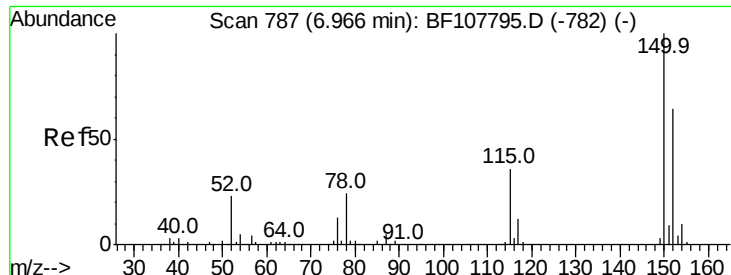
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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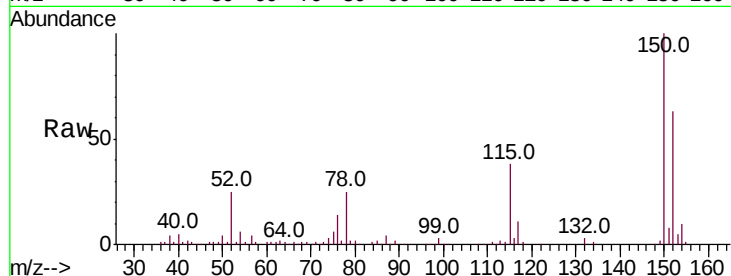


#1

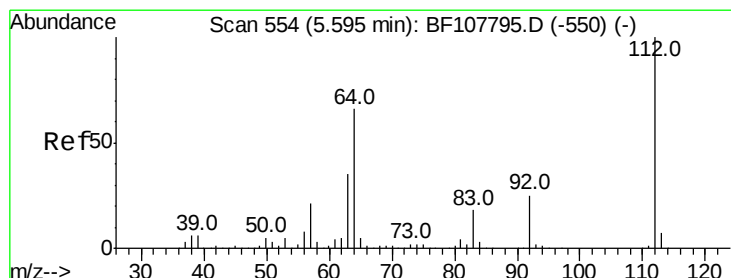
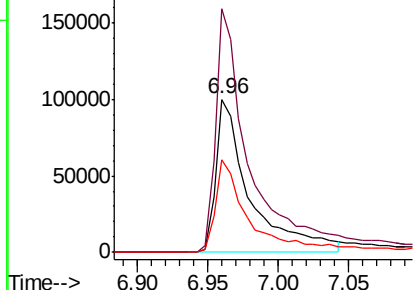
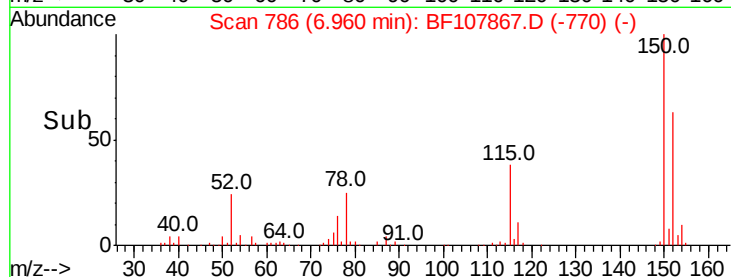
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107867.D
 Acq: 31 Jul 2018 23:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-A

Tot Ion:152 Resp: 168922
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.6 186.8
 115 60.5 50.1 75.1



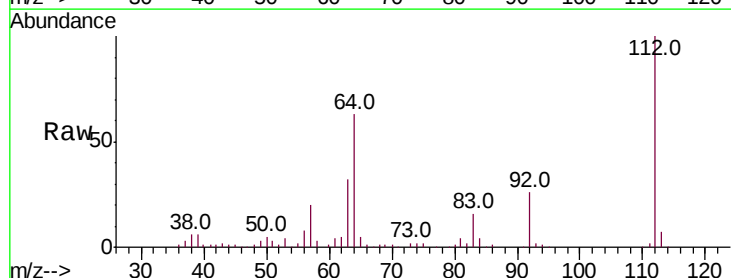
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



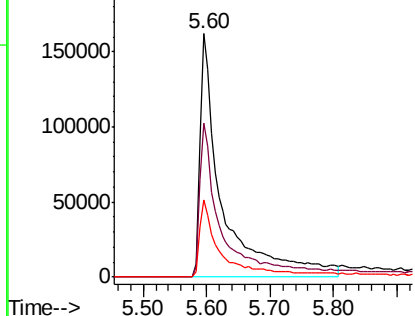
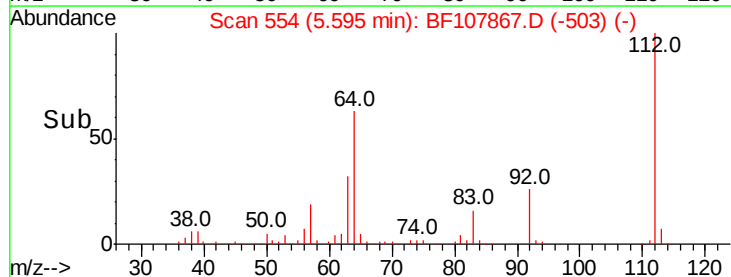
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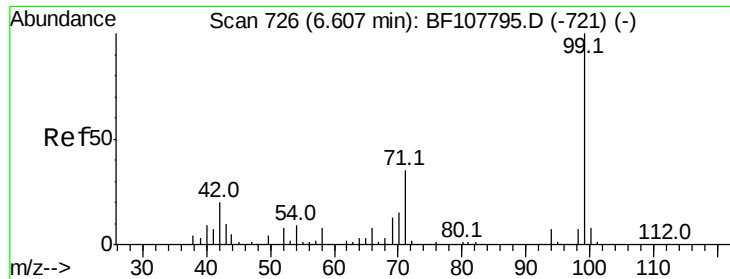
2-Fluorophenol
 Concen: 39.618 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107867.D
 Acq: 31 Jul 2018 23:14

Tgt Ion:112 Resp: 393777
 Ion Ratio Lower Upper
 112 100
 64 63.1 47.9 71.9
 63 31.8 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: 43.664 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107867.D

Acq: 31 Jul 2018 23:14

Instrument :

BNA_F

ClientSampleId :

NB-08-073018-A

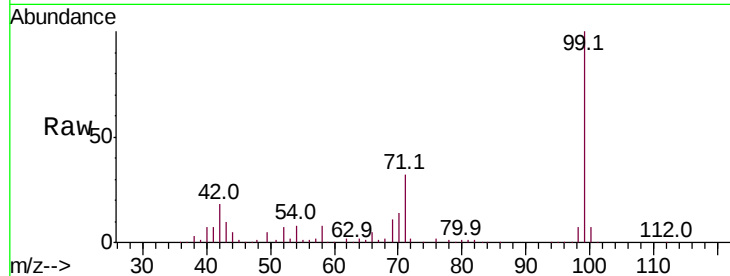
Tot Ion: 99 Resp: 571969

Ion Ratio Lower Upper

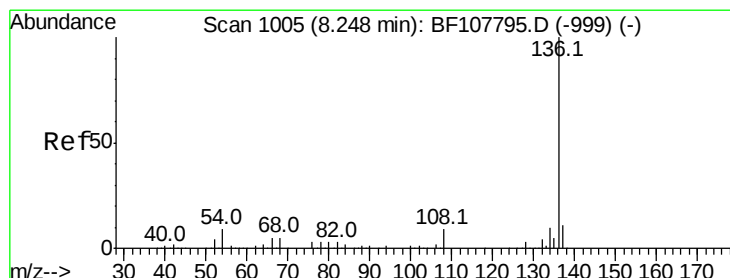
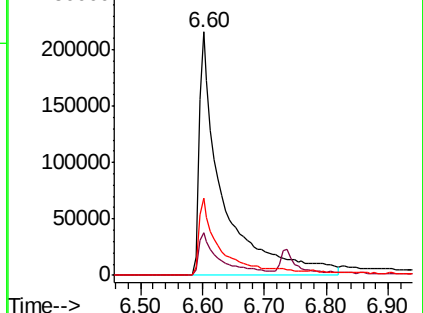
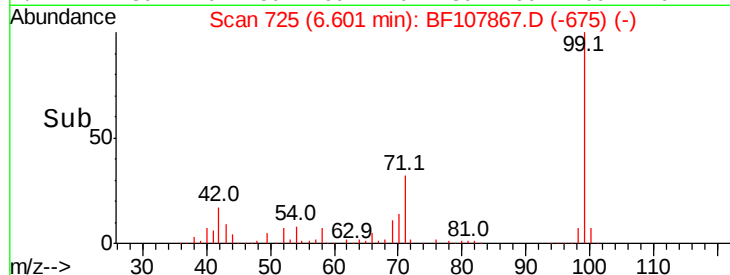
99 100

42 17.6 14.5 21.7

71 31.8 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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107867.D

Acq: 31 Jul 2018 23:14

Tgt Ion: 136 Resp: 732950

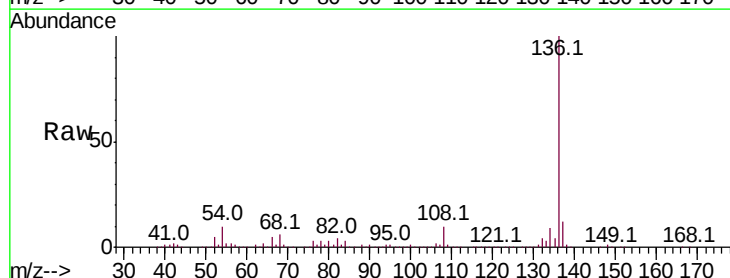
Ion Ratio Lower Upper

136 100

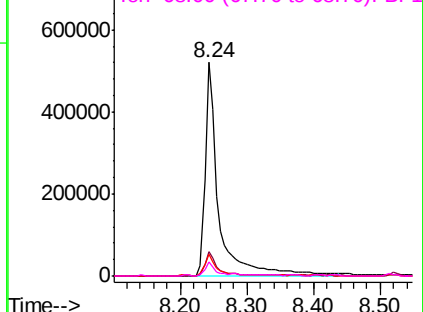
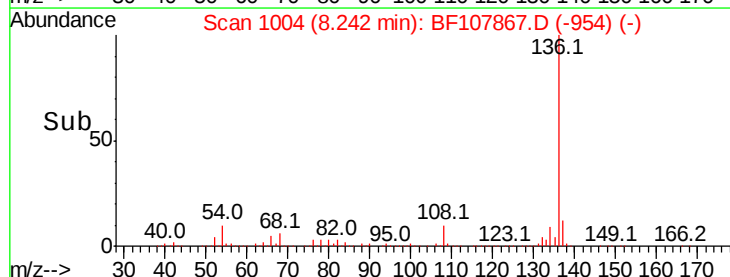
137 11.5 8.9 13.3

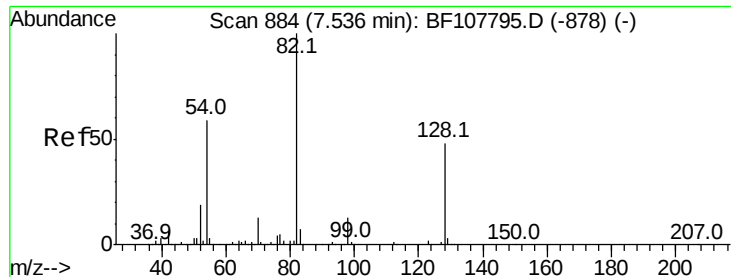
54 10.0 6.6 9.8#

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

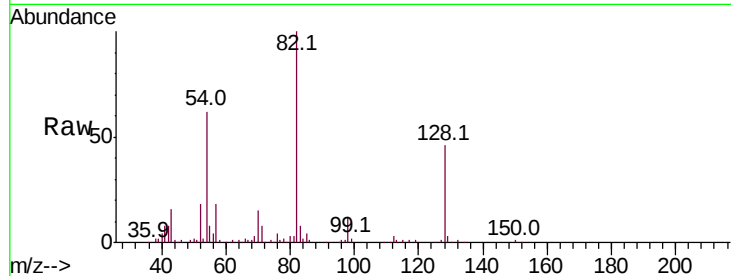




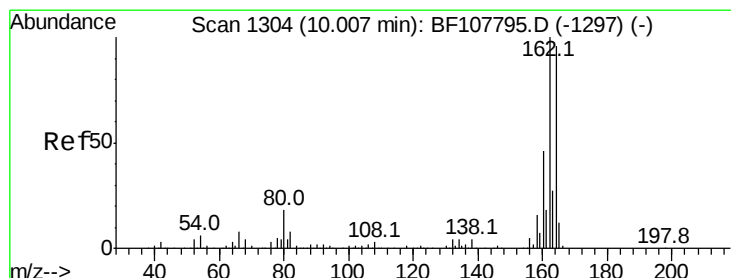
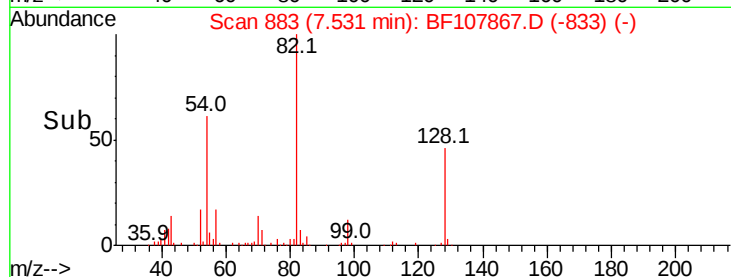
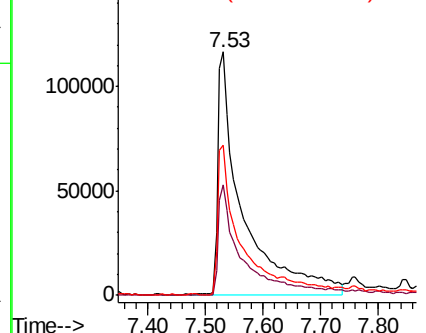
#23
 Nitrobenzene-d5
 Concen: 27.012 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107867.D
 Acq: 31 Jul 2018 23:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-A

Tot Ion: 82 Resp: 343656
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 61.8 41.4 62.2

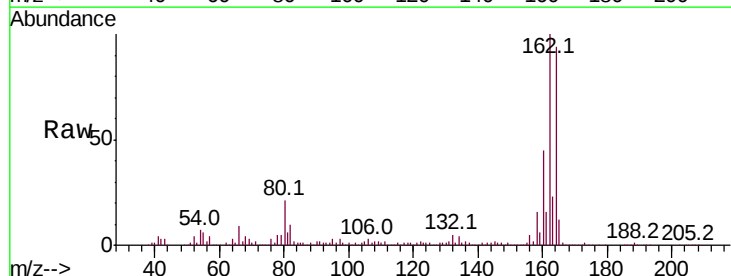


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

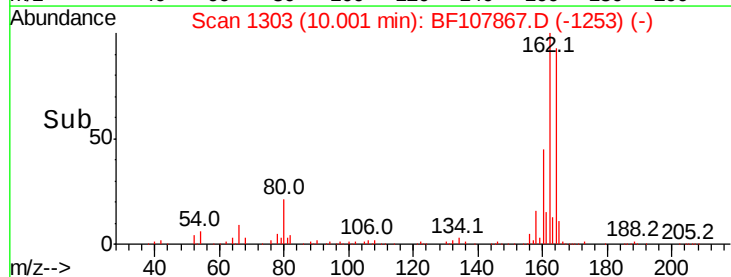
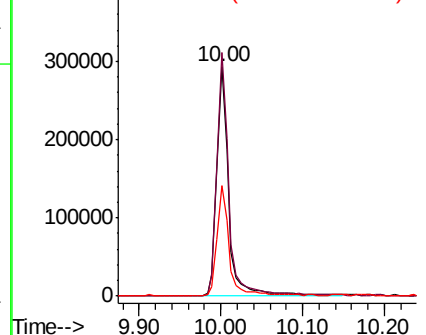


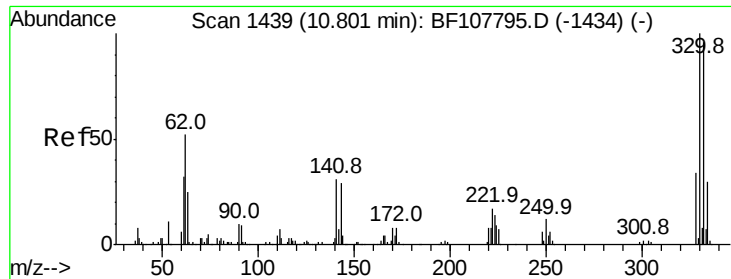
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107867.D
 Acq: 31 Jul 2018 23:14

Tgt Ion:164 Resp: 296210
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 47.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

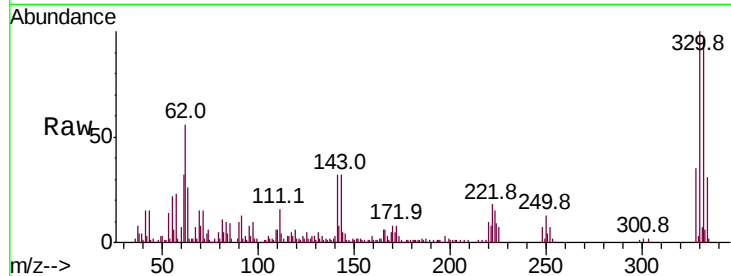




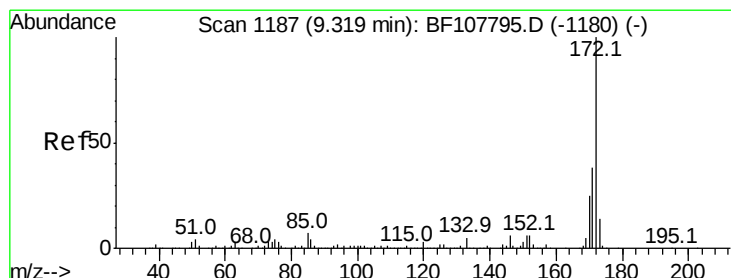
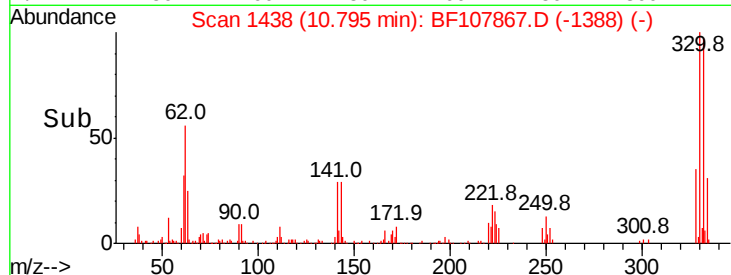
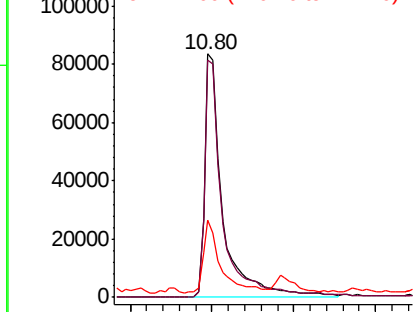
#41
 2,4,6-Tribromophenol
 Concen: 32.246 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107867.D
 Acq: 31 Jul 2018 23:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-A

Tot Ion:330 Resp: 129787
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 27.7 29.9 44.9#

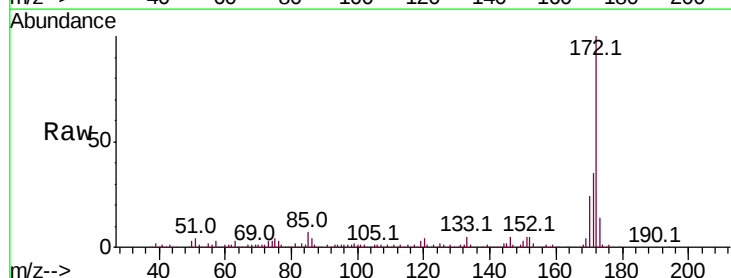


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

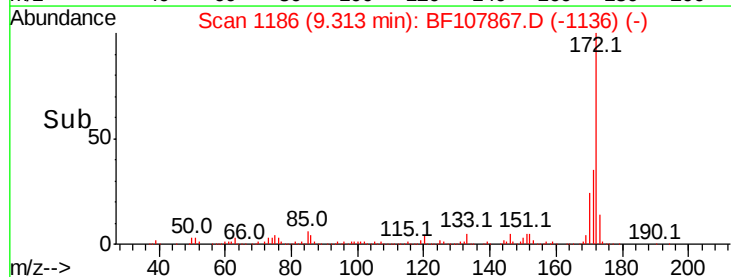
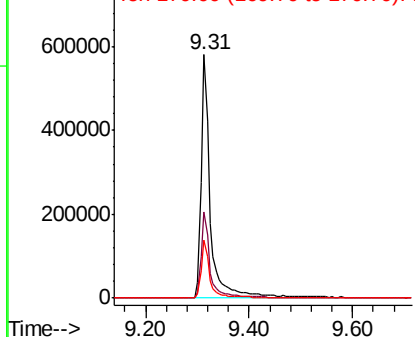


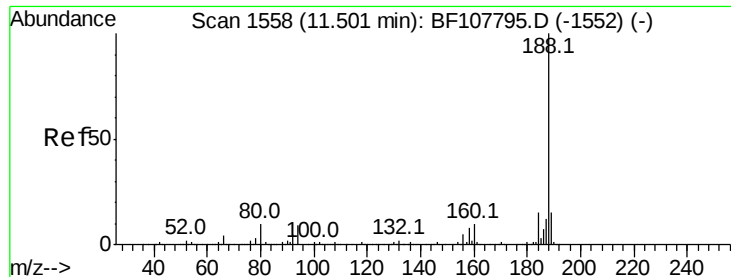
#44
 2-Fluorobiphenyl
 Concen: 33.707 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107867.D
 Acq: 31 Jul 2018 23:14

Tgt Ion:172 Resp: 716494
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.6 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

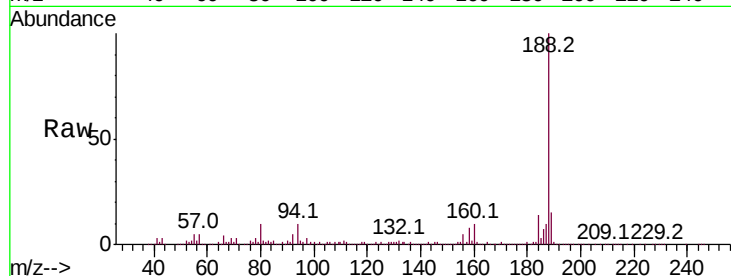




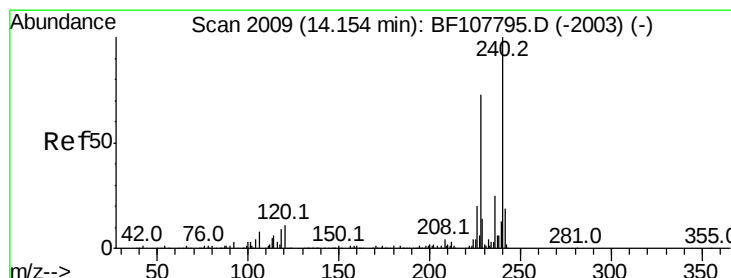
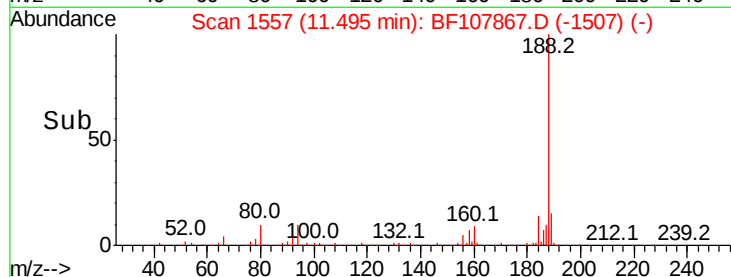
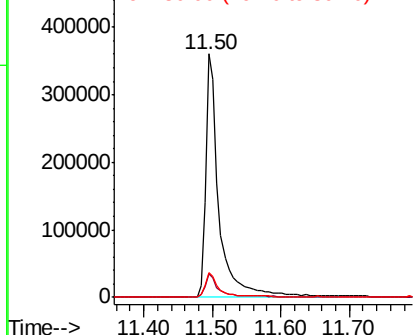
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-A

Tot Ion:188 Resp: 498705
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.3 9.2 13.8

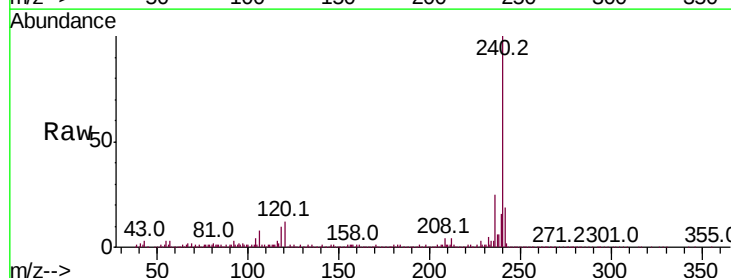


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

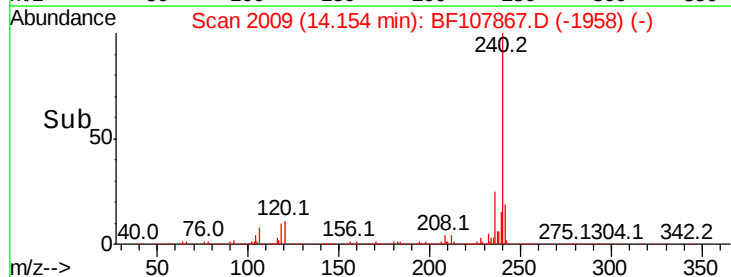
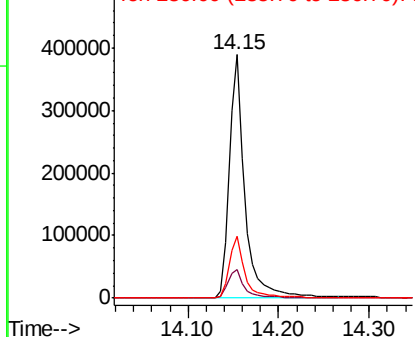


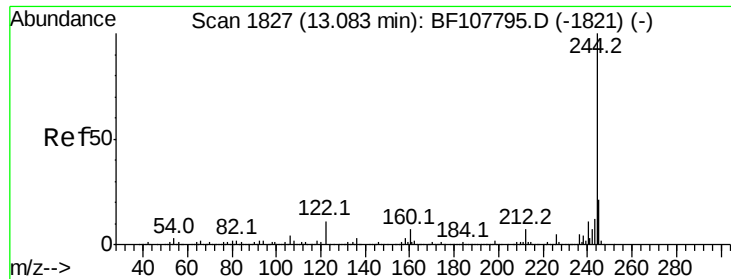
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107867.D
Acq: 31 Jul 2018 23:14

Tgt Ion:240 Resp: 460167
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 25.3 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: 27.088 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107867.D

Acq: 31 Jul 2018 23:14

Instrument :

BNA_F

ClientSampleId :

NB-08-073018-A

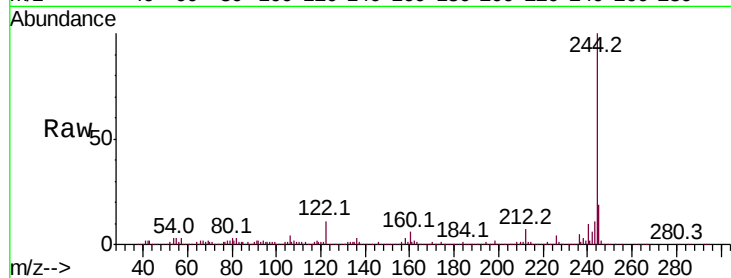
Tot Ion:244 Resp: 574839

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

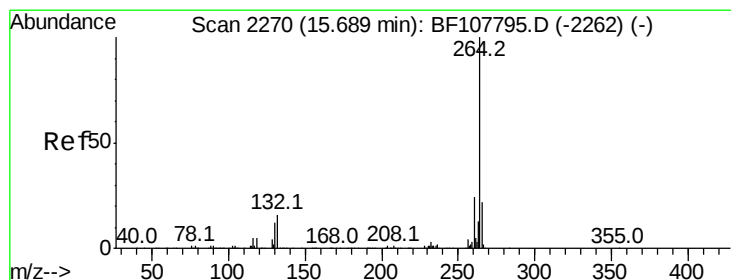
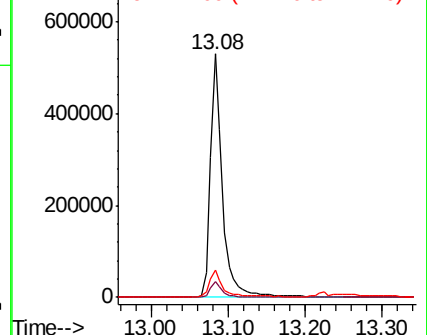
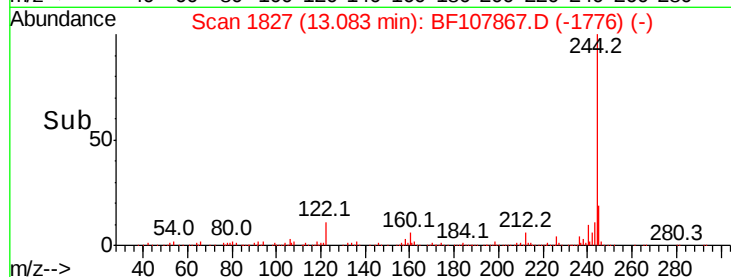
122 11.2 11.0 16.4



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: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF107867.D

Acq: 31 Jul 2018 23:14

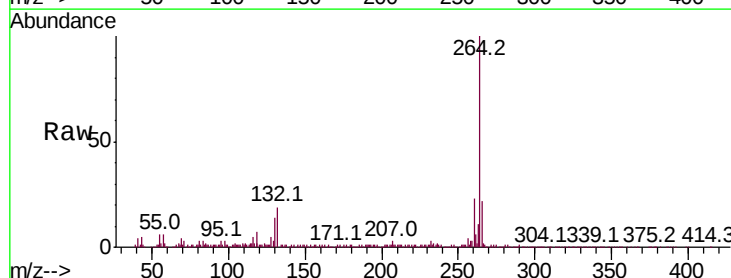
Tgt Ion:264 Resp: 360535

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.0 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

