

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107851.D
 Acq On : 31 Jul 2018 16:06
 Operator : JU/SJ
 Sample : PB111618BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BL

Quant Time: Jul 31 16:53:08 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	149779	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	642974	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	289186	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	598317	20.00	ng	0.00
75) Chrysene-d12	14.15	240	362261	20.00	ng	0.00
86) Perylene-d12	15.69	264	381165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1119252	127.00	ng	0.00
7) Phenol-d6	6.60	99	1356355	116.78	ng	0.00
23) Nitrobenzene-d5	7.52	82	908581	81.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	456847	116.26	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1780663	85.80	ng	0.00
78) Terphenyl-d14	13.08	244	1625641	97.31	ng	0.00

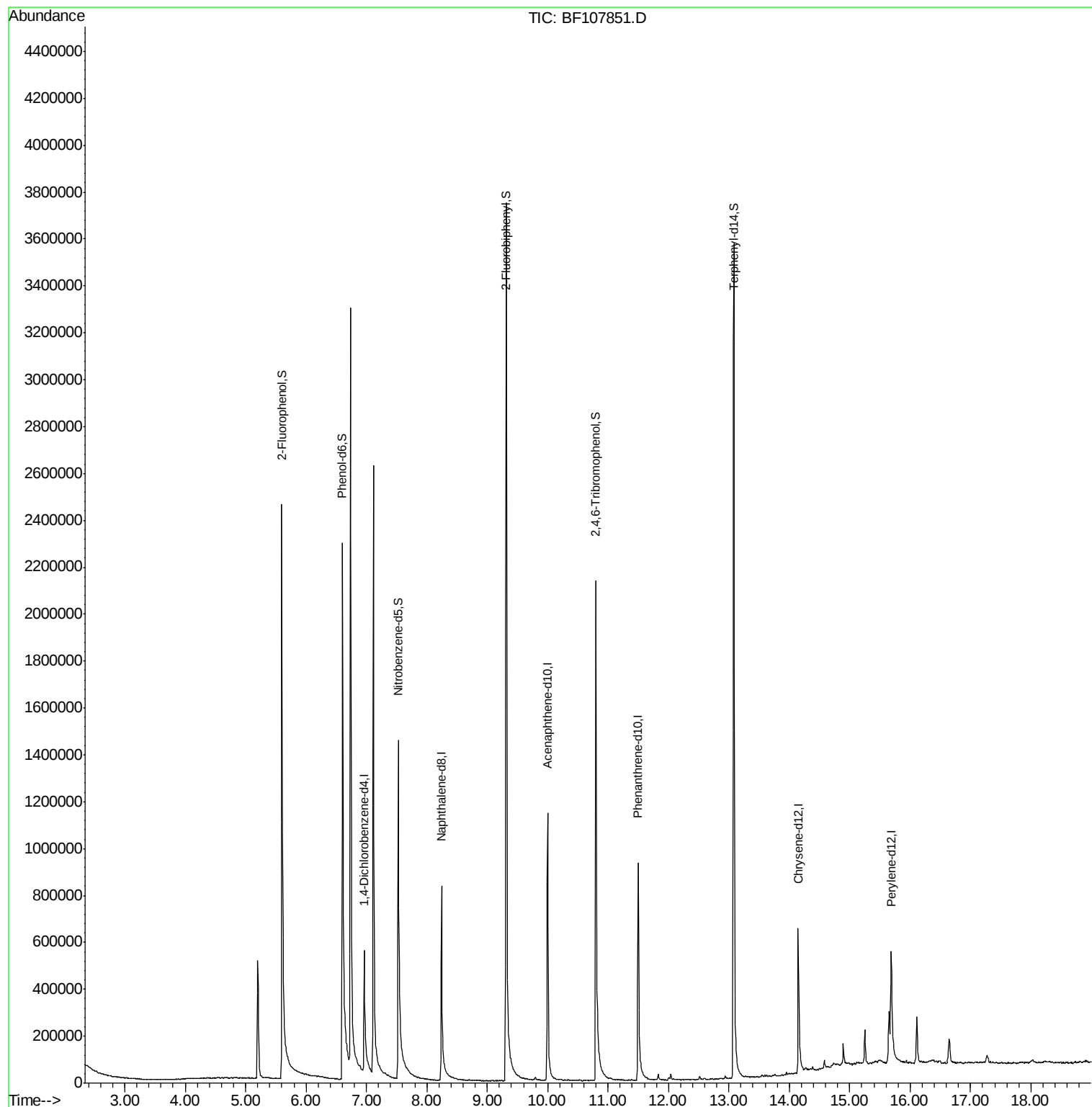
Target Compounds Qvalue

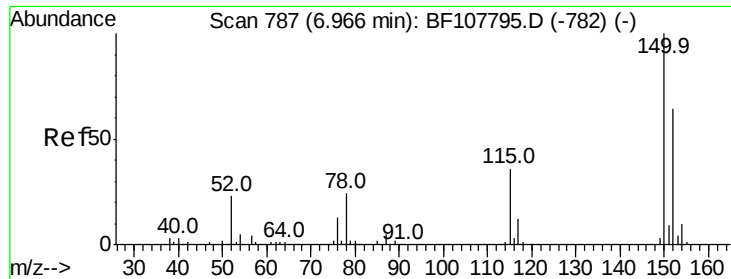
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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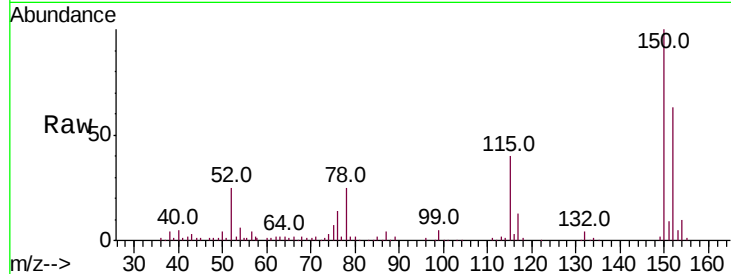


#1

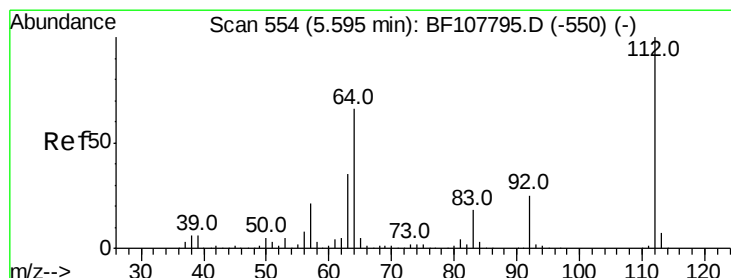
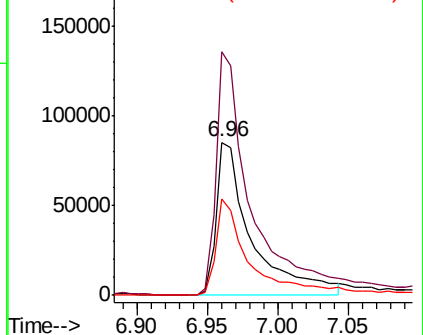
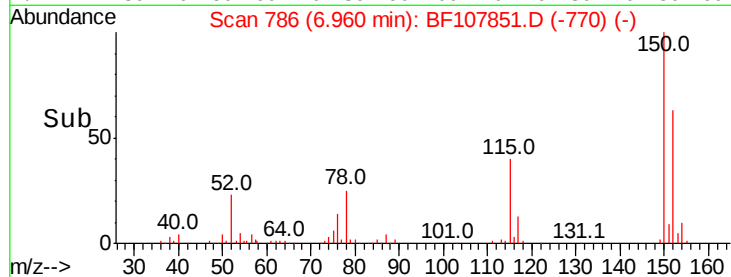
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107851.D
 Acq: 31 Jul 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	63.2	50.1	75.1



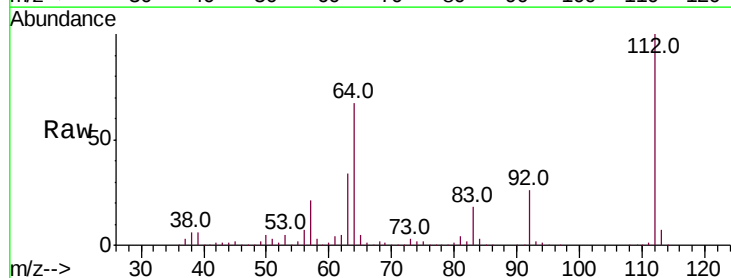
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



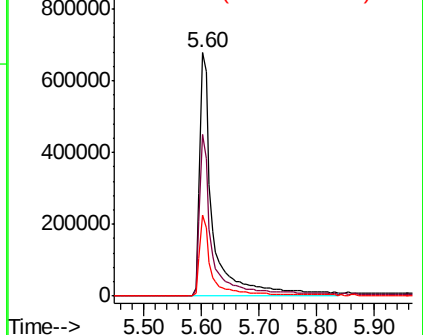
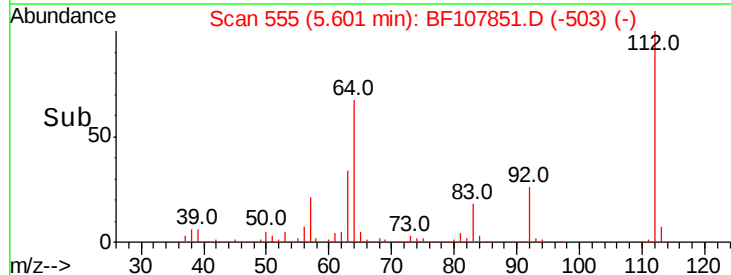
#5

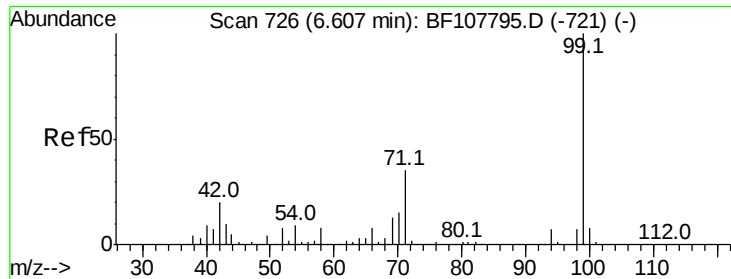
2-Fluorophenol
 Concen: 127.002 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107851.D
 Acq: 31 Jul 2018 16:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	33.5	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: 116.777 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107851.D

Acq: 31 Jul 2018 16:06

Instrument :

BNA_F

ClientSampleID :

PB111618BL

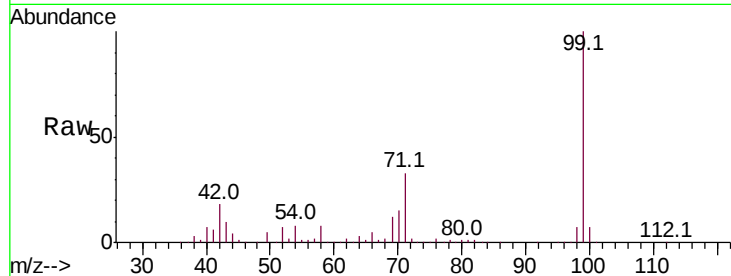
Tot Ion: 99 Resp: 1356355

Ion Ratio Lower Upper

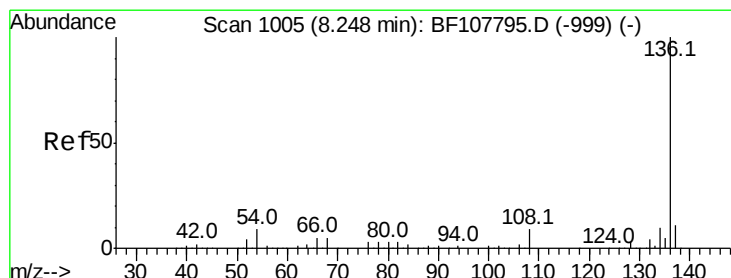
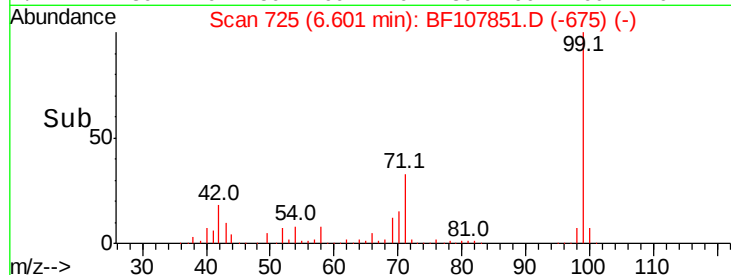
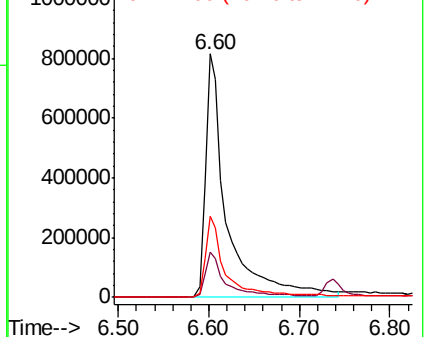
99 100

42 18.4 14.5 21.7

71 33.1 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: BF107851.D

Acq: 31 Jul 2018 16:06

Tgt Ion: 136 Resp: 642974

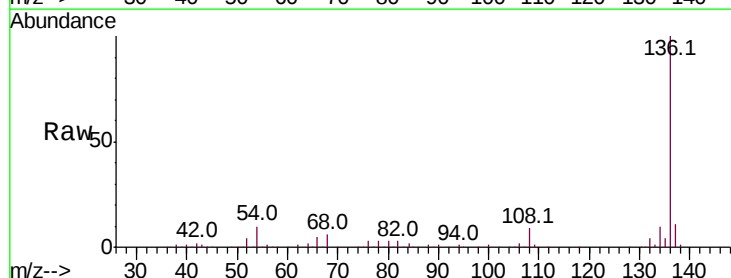
Ion Ratio Lower Upper

136 100

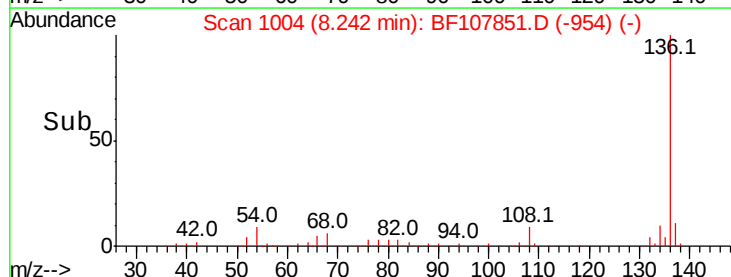
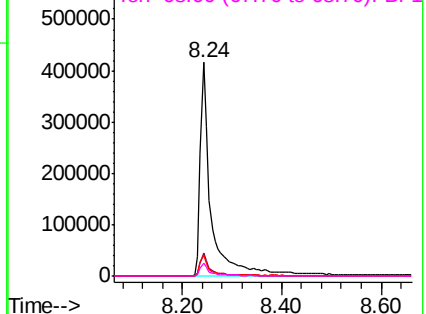
137 10.7 8.9 13.3

54 9.5 6.6 9.8

68 6.1 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

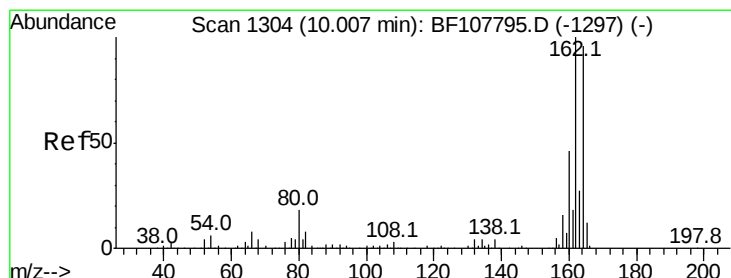
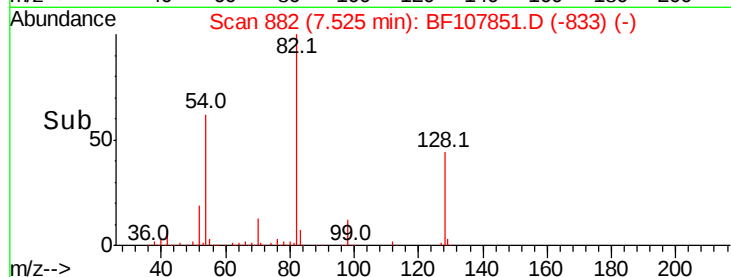
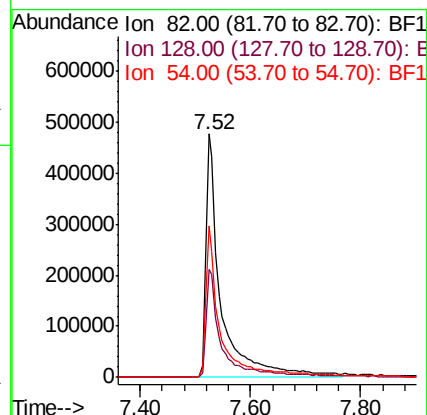
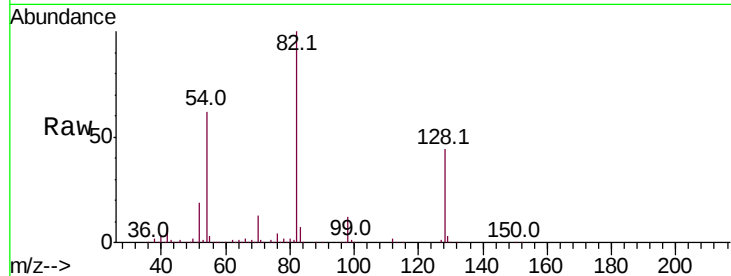




#23
Nitrobenzene-d5
Concen: 81.409 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107851.D
Acq: 31 Jul 2018 16:06

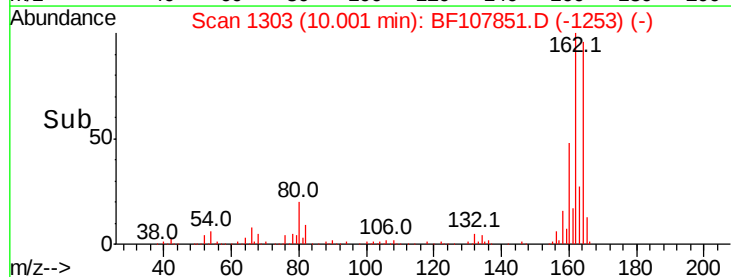
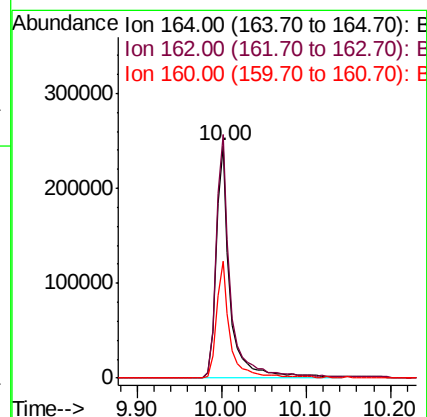
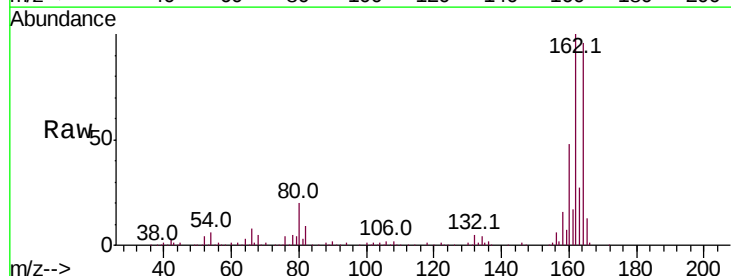
Instrument :
BNA_F
ClientSampleId :
PB111618BL

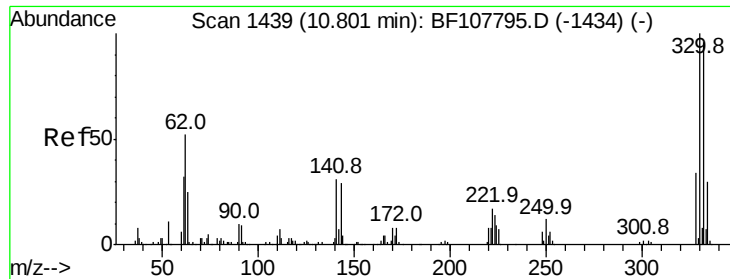
Tot Ion: 82 Resp: 908581
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 62.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107851.D
Acq: 31 Jul 2018 16:06

Tgt Ion: 164 Resp: 289186
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 50.0 38.3 57.5

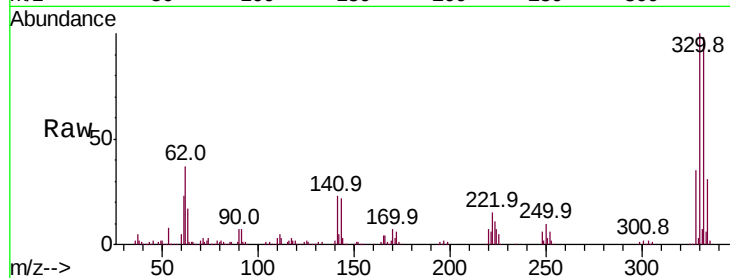




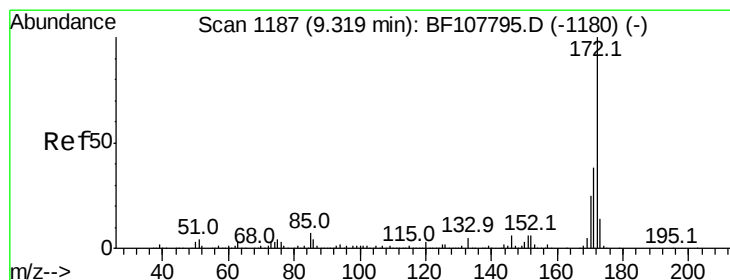
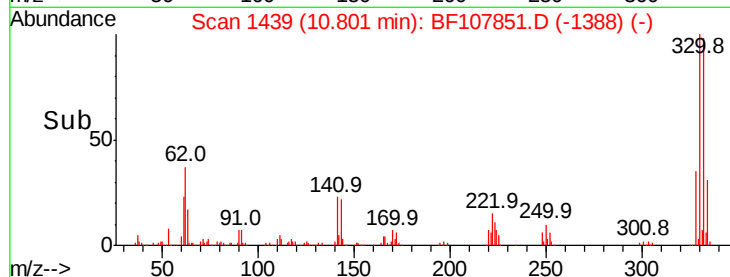
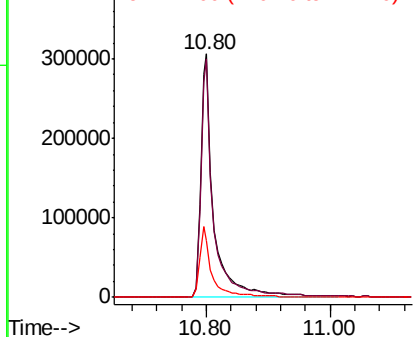
#41
 2,4,6-Tribromophenol
 Concen: 116.262 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107851.D
 Acq: 31 Jul 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BL

Tot Ion:330 Resp: 456847
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 27.8 29.9 44.9#

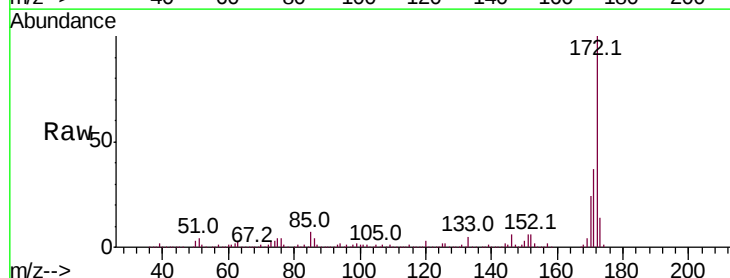


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

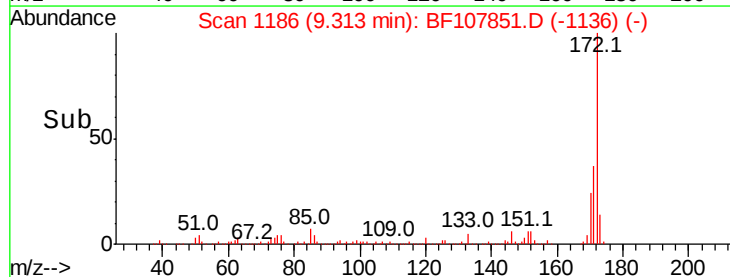
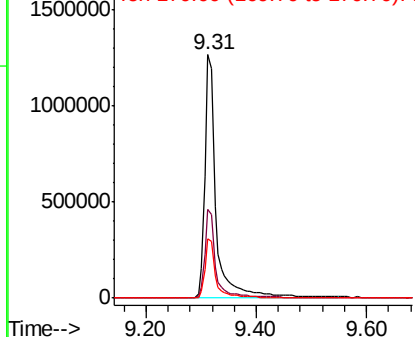


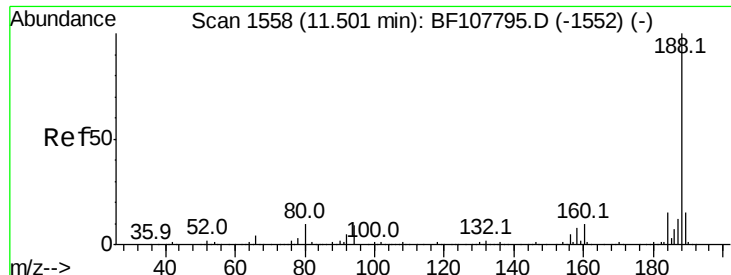
#44
 2-Fluorobiphenyl
 Concen: 85.804 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107851.D
 Acq: 31 Jul 2018 16:06

Tgt Ion:172 Resp: 1780663
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.3 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# 1557

Delta R.T. -0.01 min

Lab File: BF107851.D

Acq: 31 Jul 2018 16:06

Instrument :

BNA_F

ClientSampleId :

PB111618BL

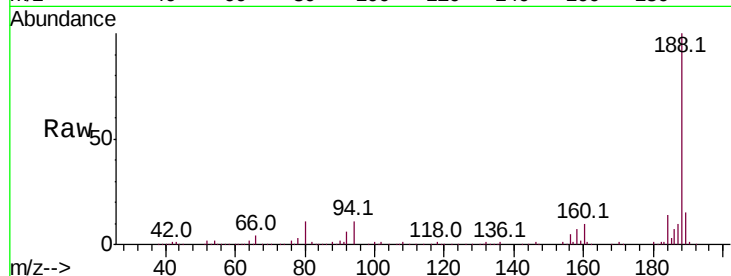
Tot Ion:188 Resp: 598317

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

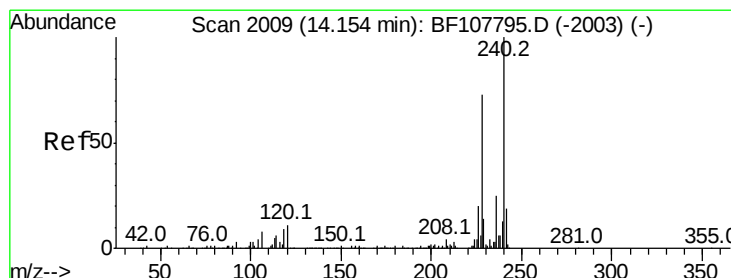
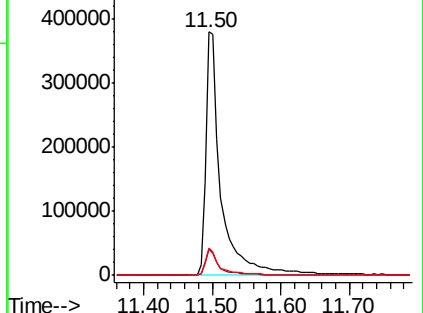
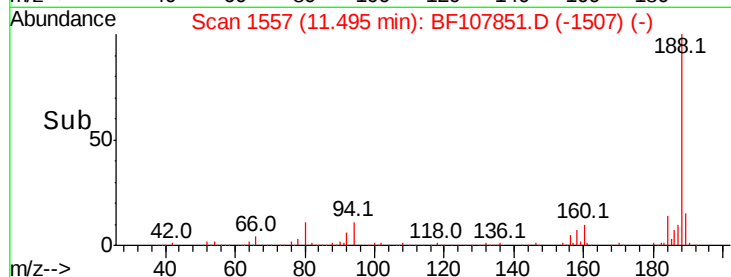
80 11.1 9.2 13.8



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: BF107851.D

Acq: 31 Jul 2018 16:06

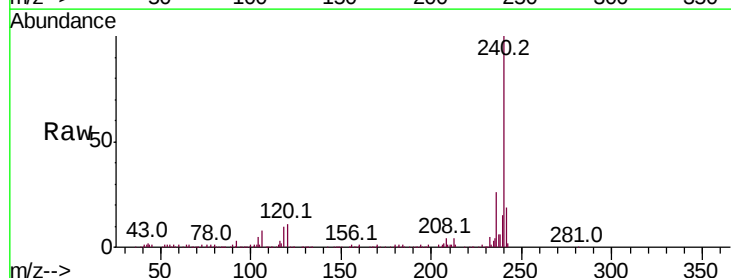
Tgt Ion:240 Resp: 362261

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

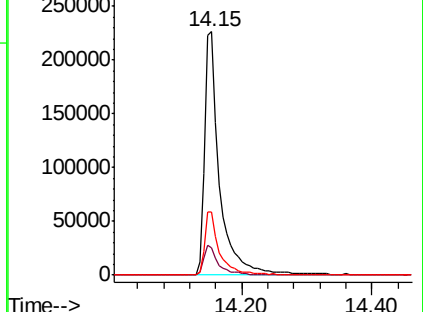
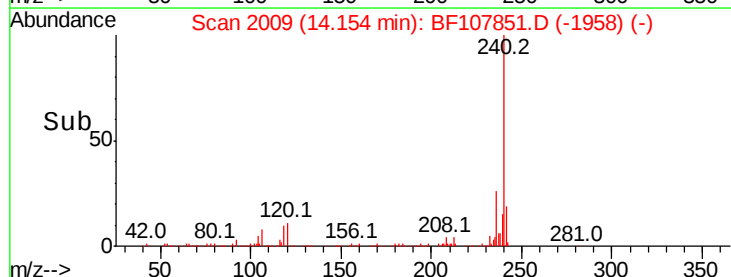
236 26.0 20.7 31.1

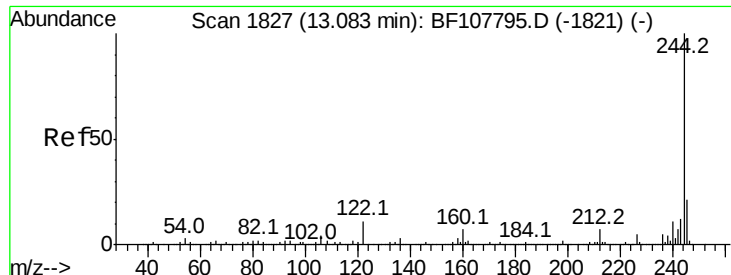


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.308 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107851.D

Acq: 31 Jul 2018 16:06

Instrument :

BNA_F

ClientSampleId :

PB111618BL

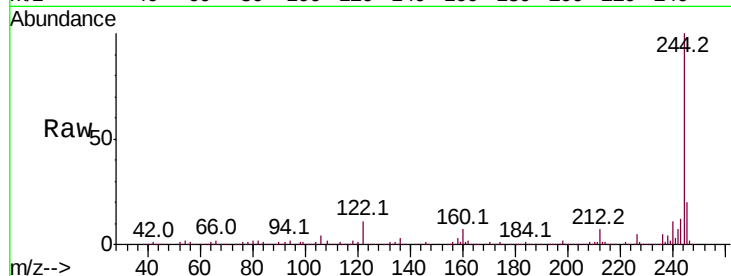
Tot Ion:244 Resp: 1625641

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

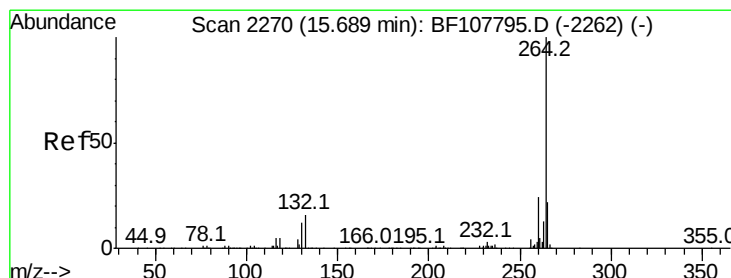
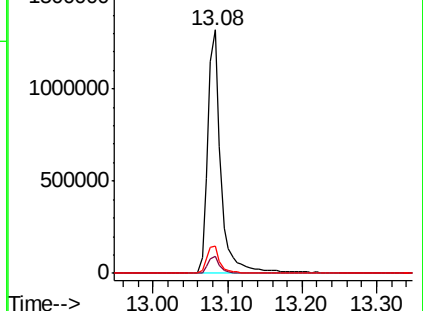
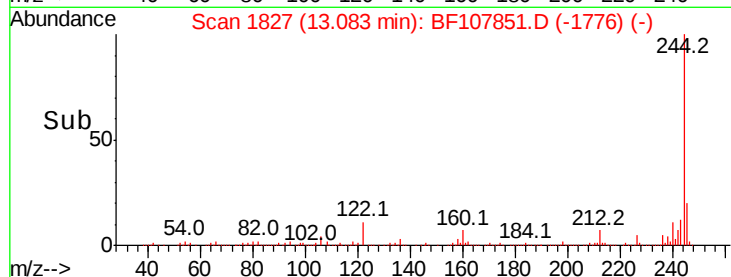
122 11.1 11.0 16.4



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# 2270

Delta R.T. 0.00 min

Lab File: BF107851.D

Acq: 31 Jul 2018 16:06

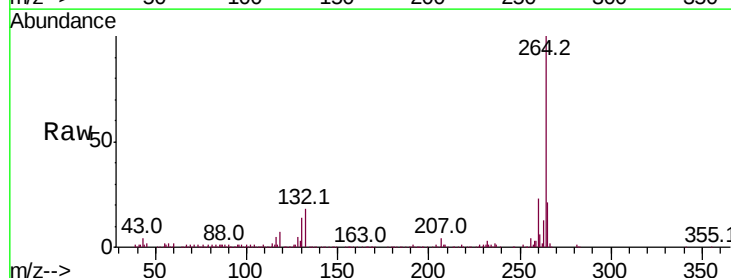
Tgt Ion:264 Resp: 381165

Ion Ratio Lower Upper

264 100

260 23.5 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

