

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107734.D
 Acq On : 27 Jul 2018 8:10
 Operator : JU/SJ
 Sample : PB111493BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BL

Quant Time: Jul 27 10:57:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162546	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	682120	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	301577	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	536171	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	383838	20.00	ng	-0.02
86) Perylene-d12	15.67	264	392958	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	879168	86.96	ng	0.00
7) Phenol-d6	6.60	99	1209667	99.65	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1129998	111.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	339929	99.12	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	2161705	152.45	ng	-0.02
78) Terphenyl-d14	13.08	244	1436306	95.80	ng	-0.02

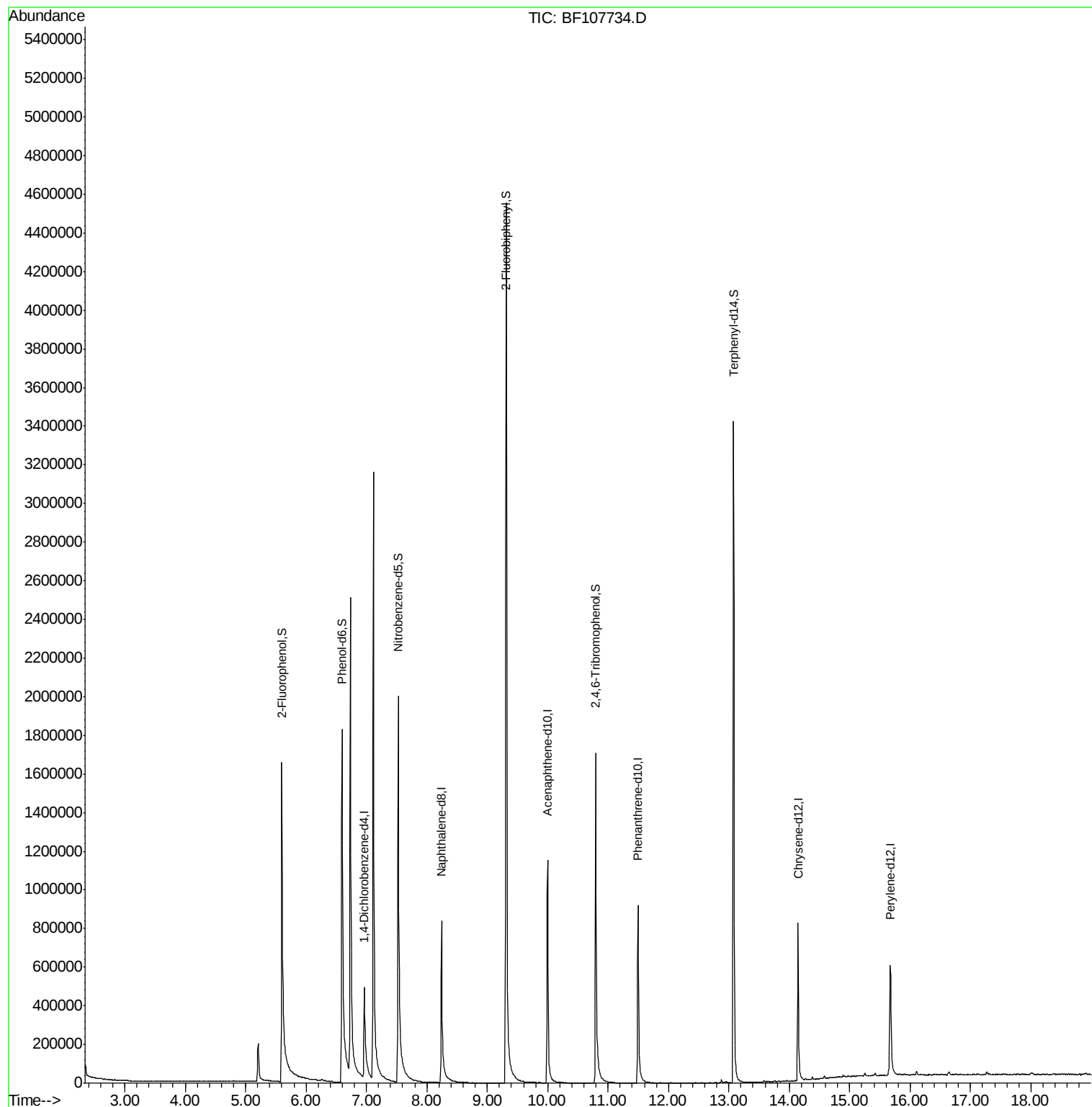
Target Compounds	Qvalue
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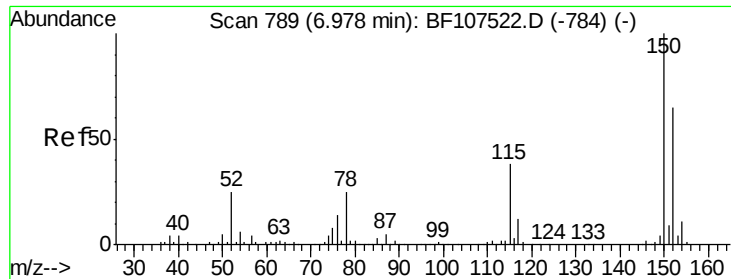
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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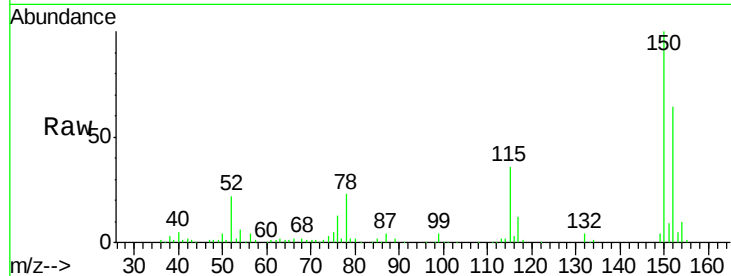


#1

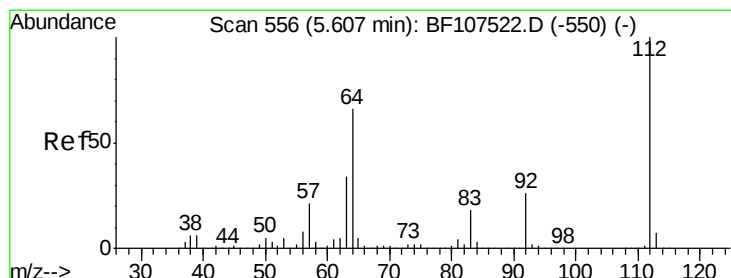
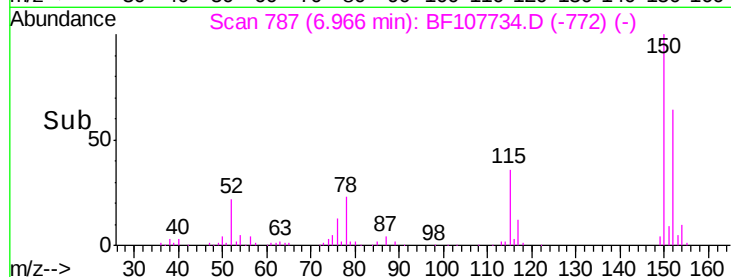
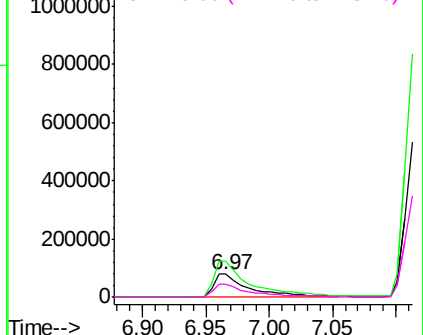
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Instrument :
BNA_F
ClientSampleId :
PB111493BL

Tgt Ion:152 Resp: 162546
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 56.4 50.1 75.1



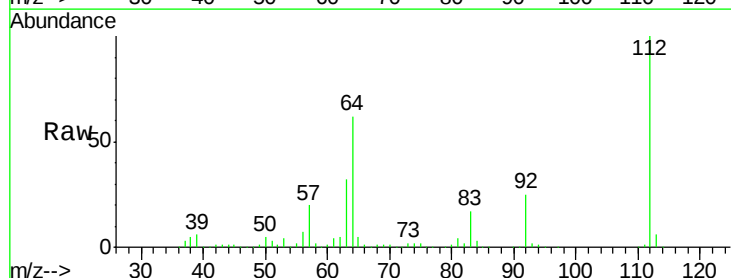
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



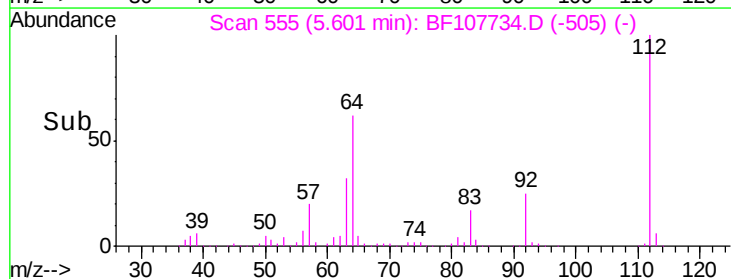
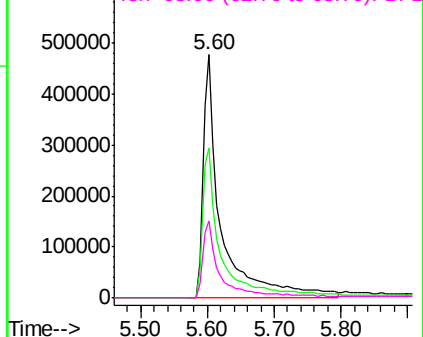
#5

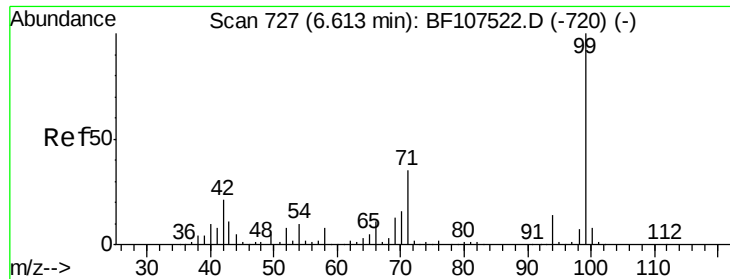
2-Fluorophenol
Concen: 86.962 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:112 Resp: 879168
Ion Ratio Lower Upper
112 100
64 61.5 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: 99.650 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107734.D

Acq: 27 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

PB111493BL

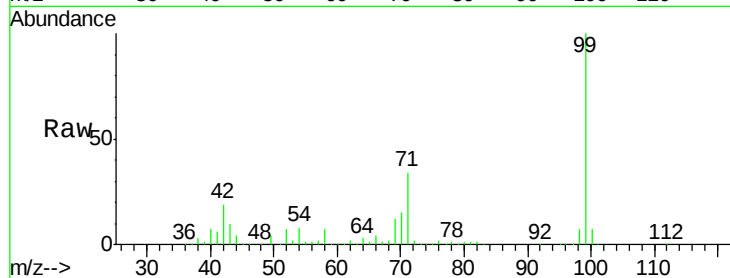
Tgt Ion: 99 Resp: 1209667

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

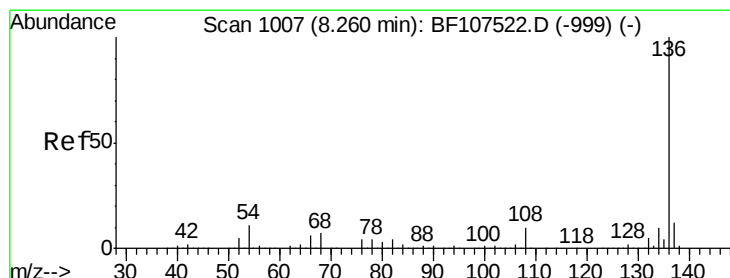
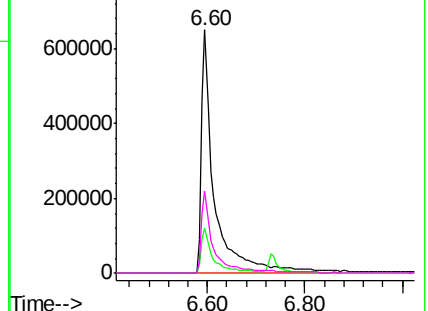
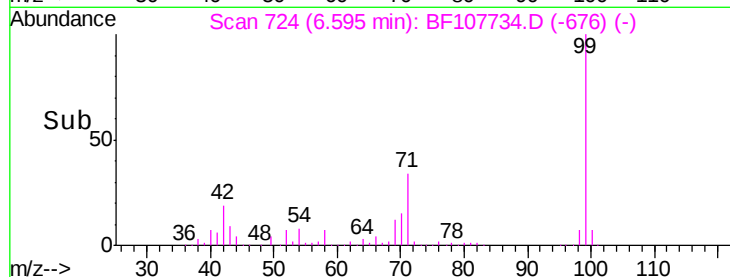
71 33.7 25.4 38.0



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. -0.02 min

Lab File: BF107734.D

Acq: 27 Jul 2018 8:10

Tgt Ion: 136 Resp: 682120

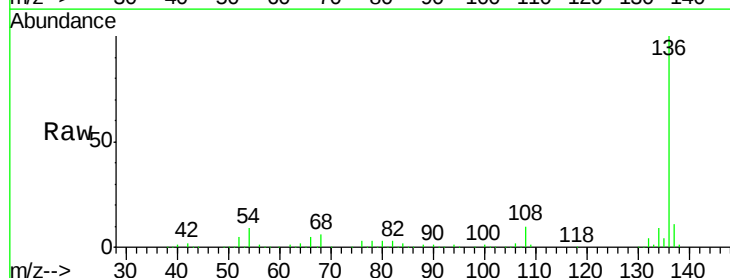
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 5.7 5.0 7.4

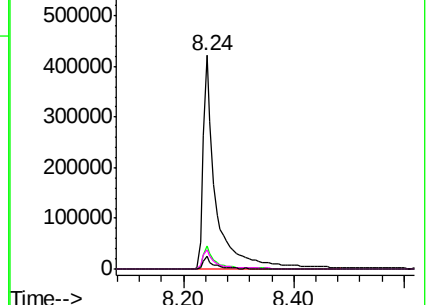
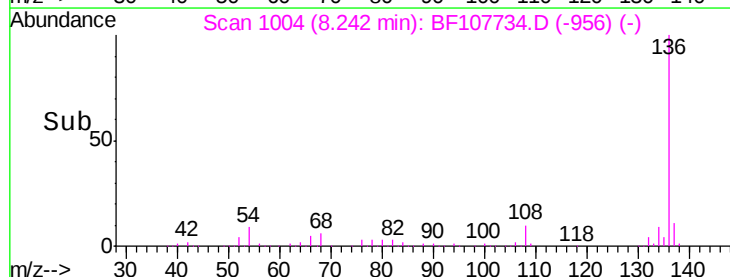


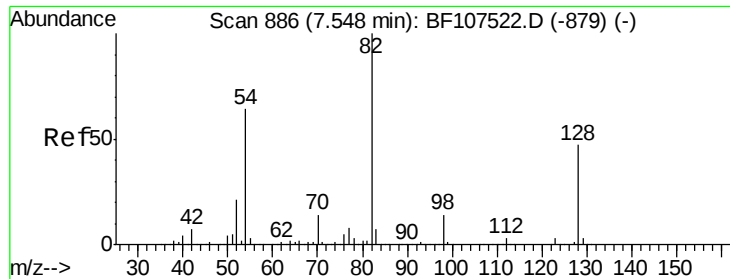
Abundance Ion 136.00 (135.70 to 136.70): E

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

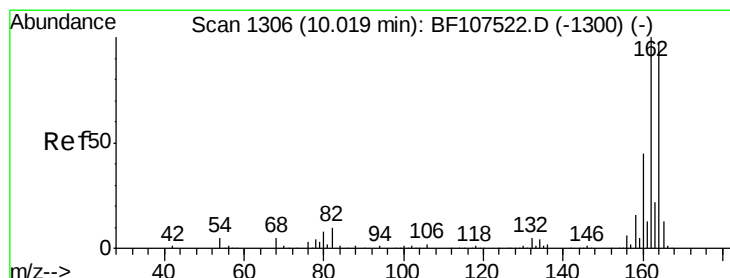
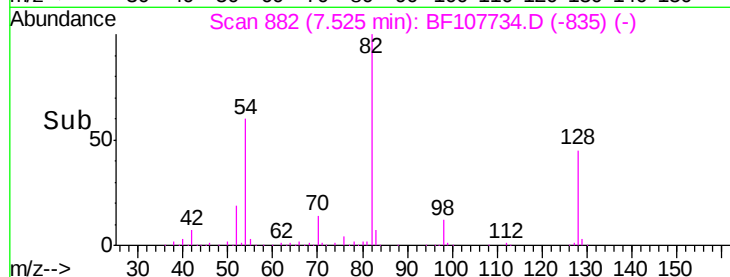
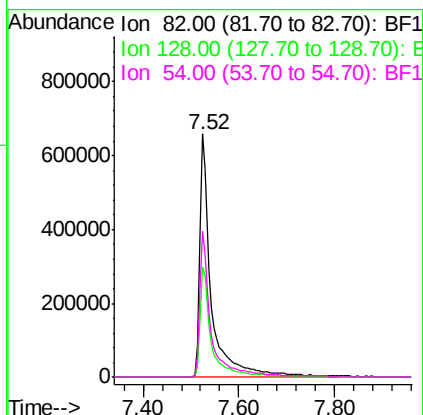
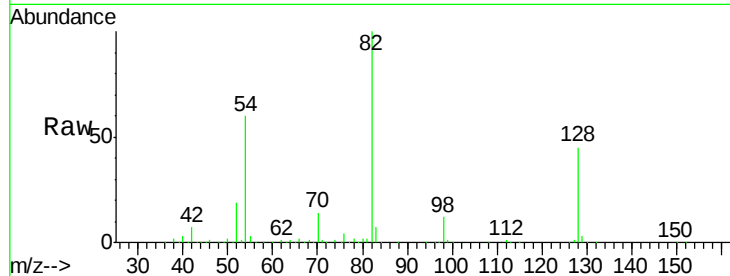




#23
 Nitrobenzene-d5
 Concen: 111.800 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107734.D
 Acq: 27 Jul 2018 8:10

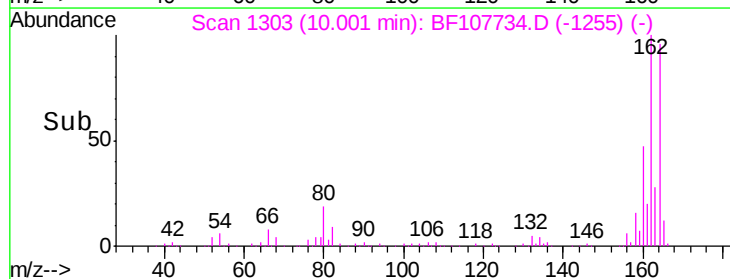
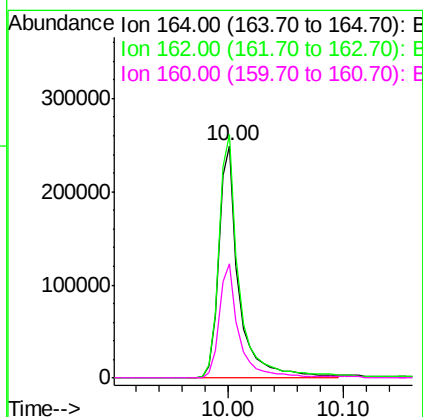
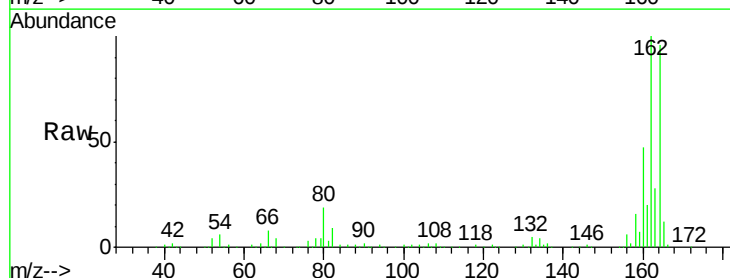
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BL

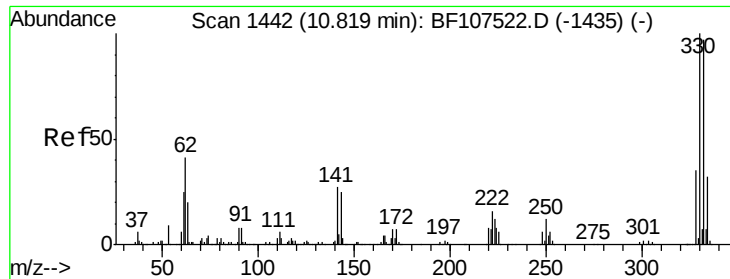
Tgt Ion: 82 Resp: 1129998
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 59.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107734.D
 Acq: 27 Jul 2018 8:10

Tgt Ion:164 Resp: 301577
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 49.1 38.3 57.5

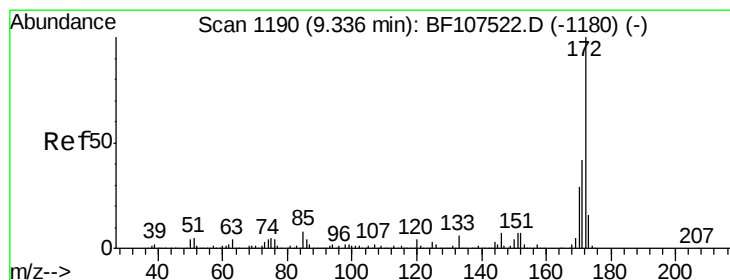
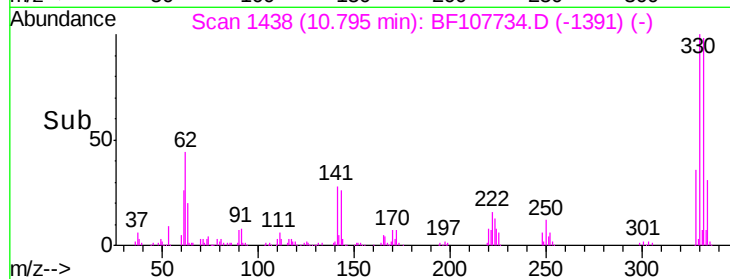
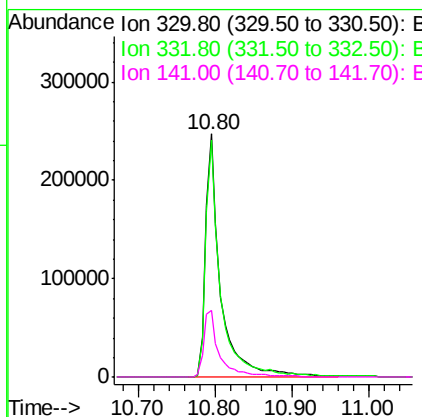
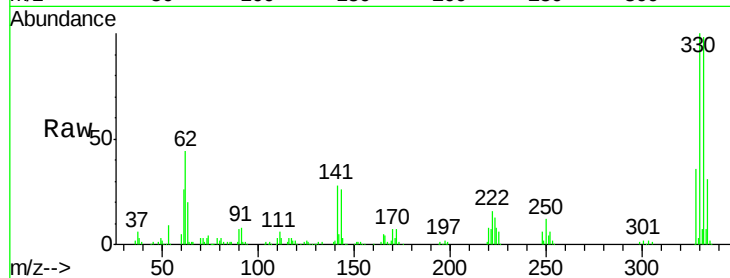




#41
 2,4,6-Tribromophenol
 Concen: 99.122 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107734.D
 Acq: 27 Jul 2018 8:10

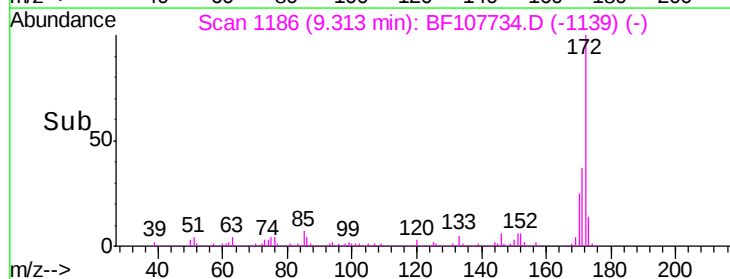
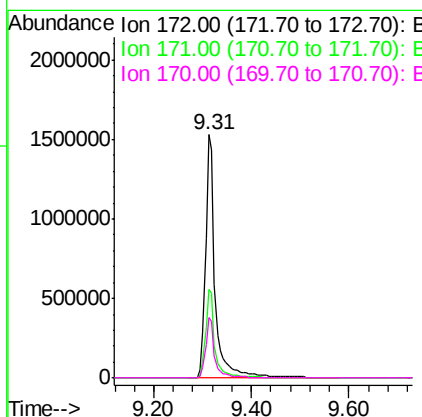
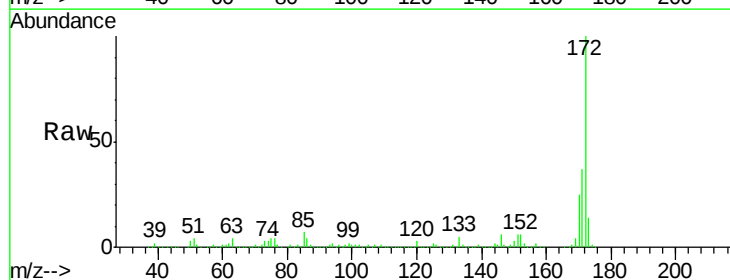
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BL

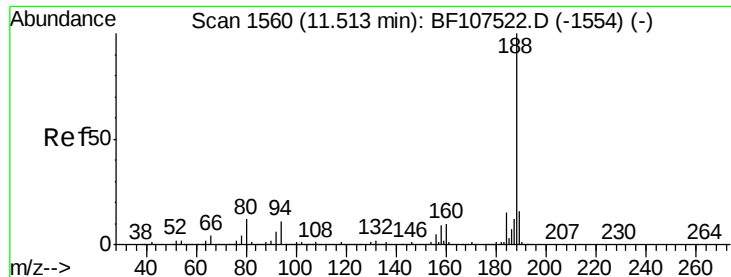
Tgt Ion:330 Resp: 339929
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.0 115.6
 141 29.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 152.452 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107734.D
 Acq: 27 Jul 2018 8:10

Tgt Ion:172 Resp: 2161705
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 25.1 19.6 29.4

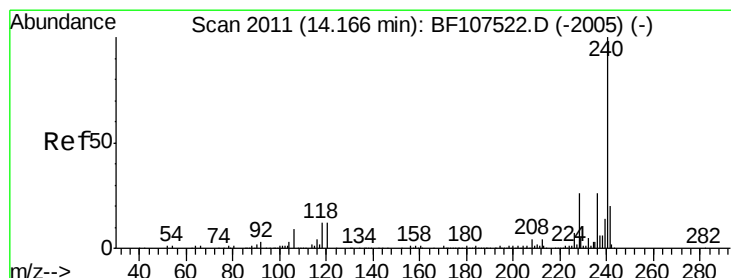
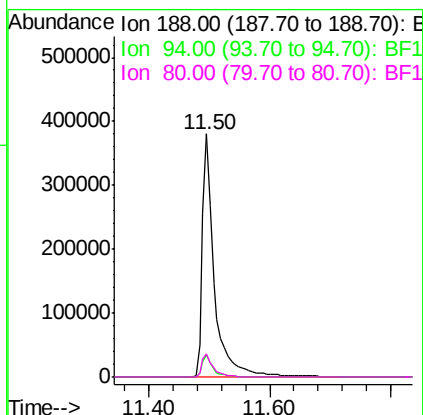
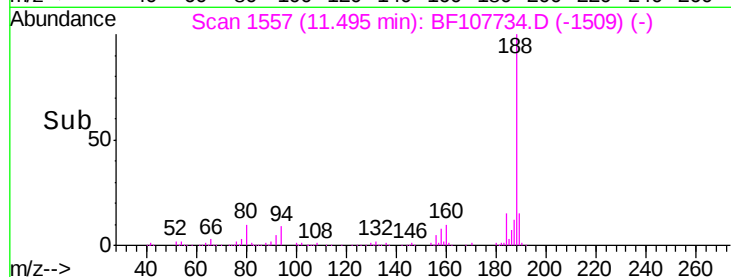
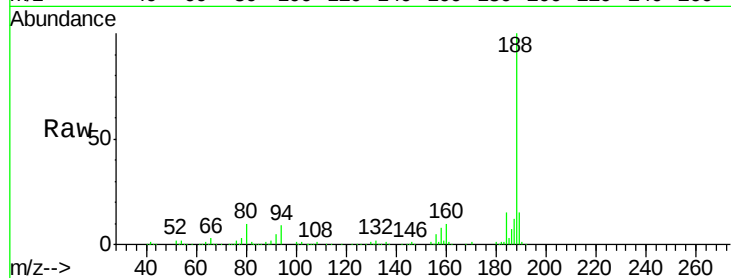




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

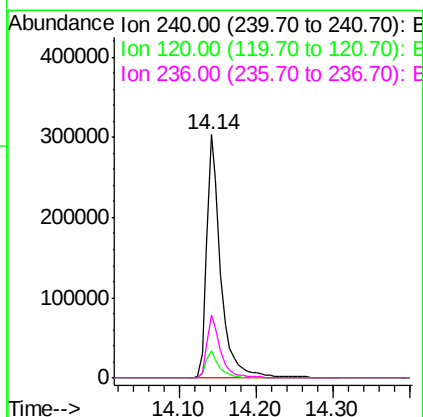
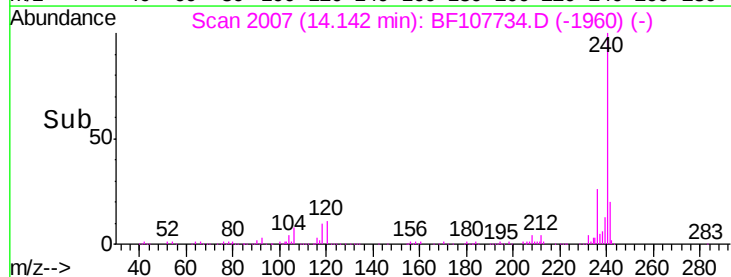
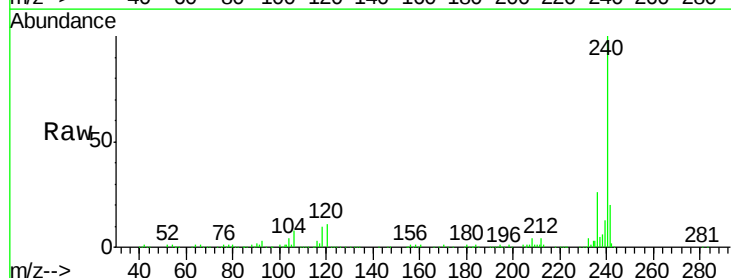
Instrument :
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PB111493BL

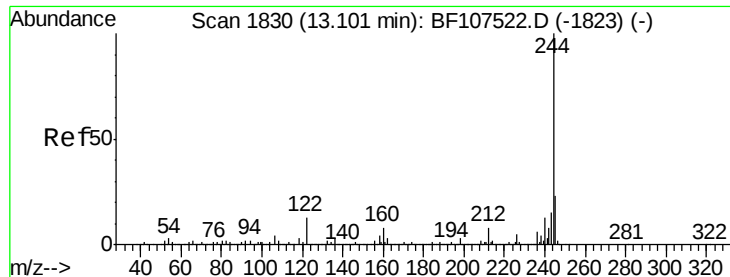
Tgt Ion:188 Resp: 536171
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107734.D
Acq: 27 Jul 2018 8:10

Tgt Ion:240 Resp: 383838
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 95.798 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107734.D

Acq: 27 Jul 2018 8:10

Instrument :

BNA_F

ClientSampleId :

PB111493BL

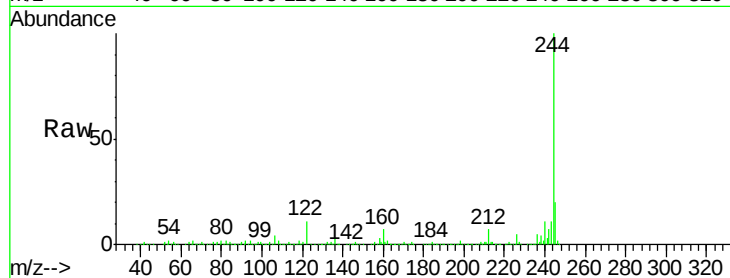
Tgt Ion:244 Resp: 1436306

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

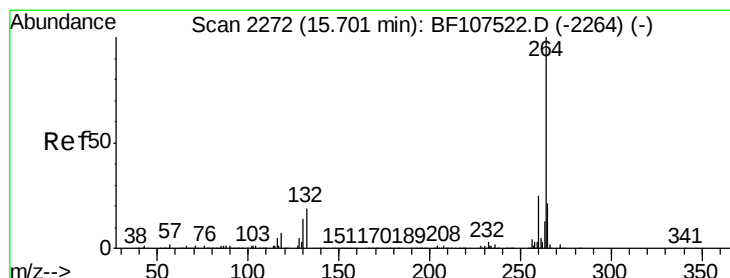
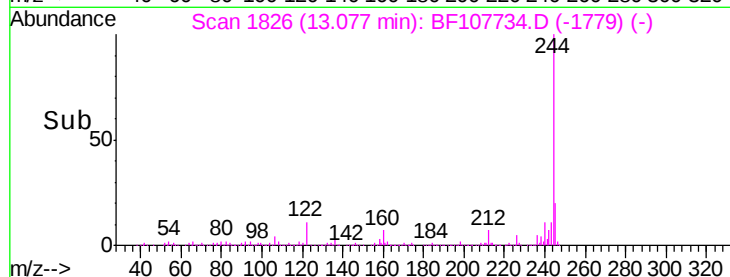
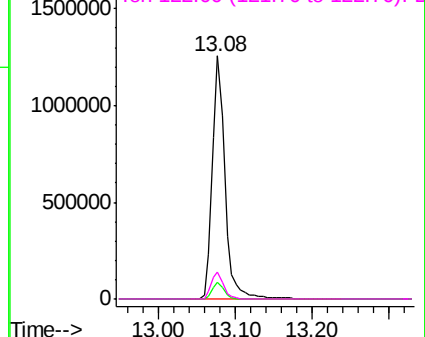
122 11.2 11.0 16.4



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: 15.67 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF107734.D

Acq: 27 Jul 2018 8:10

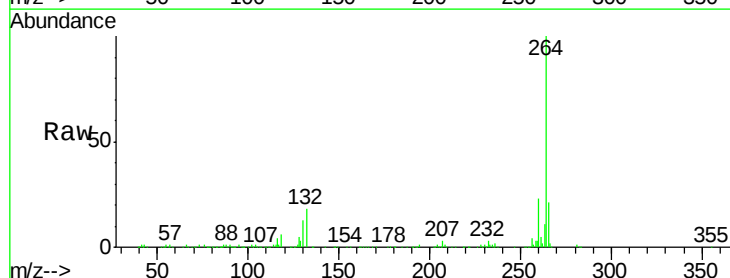
Tgt Ion:264 Resp: 392958

Ion Ratio Lower Upper

264 100

260 23.4 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

