

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107807.D
 Acq On : 30 Jul 2018 18:33
 Operator : JU/SJ
 Sample : J4218-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-S

Quant Time: Jul 31 02:12:11 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

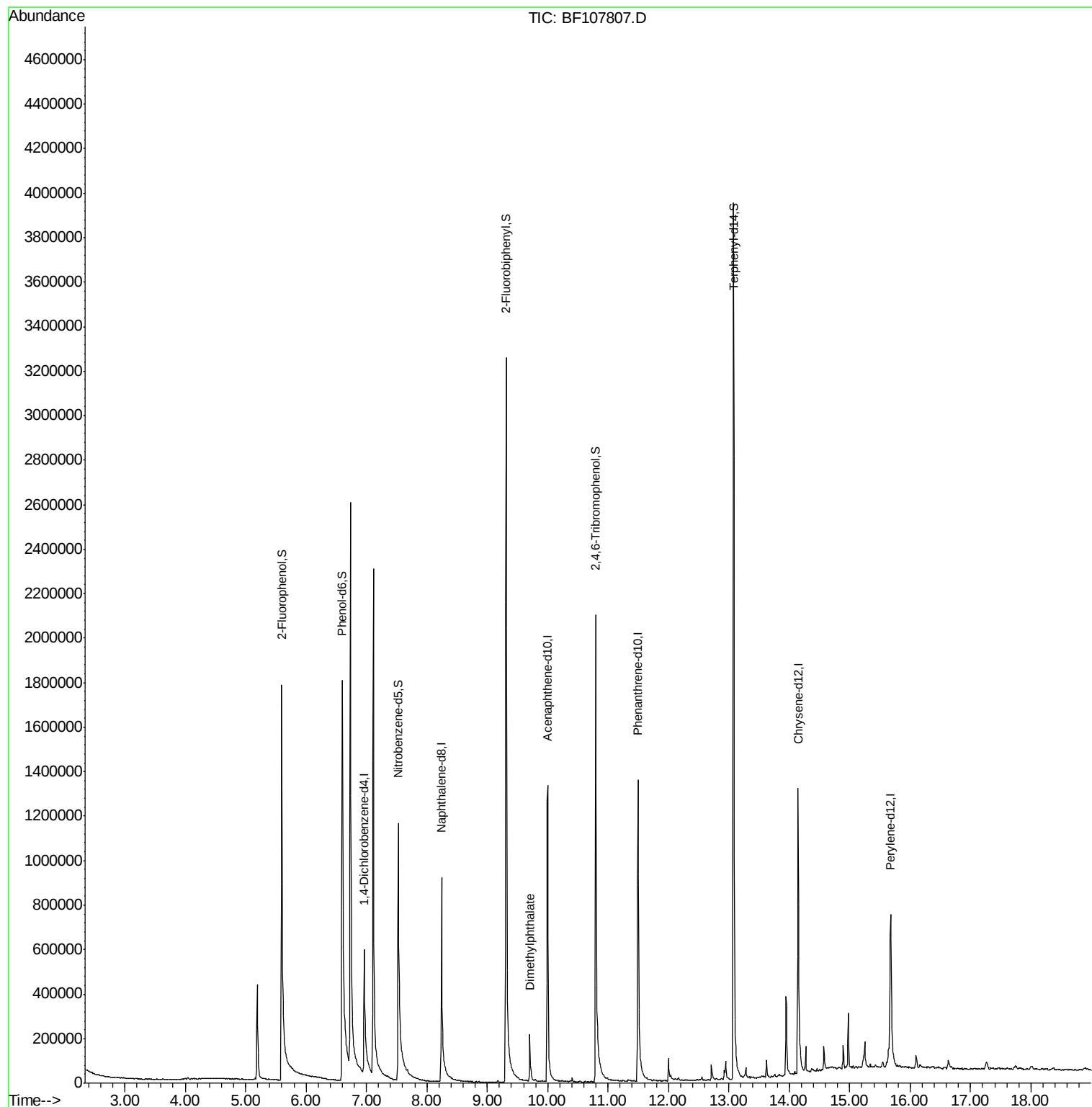
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	164954	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	752075	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	353045	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	767281	20.00	ng	0.00
75) Chrysene-d12	14.15	240	628330	20.00	ng	0.00
86) Perylene-d12	15.68	264	493587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	893447	92.05	ng	0.00
7) Phenol-d6	6.60	99	1306525	102.14	ng	-0.01
23) Nitrobenzene-d5	7.52	82	793459	60.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	406875	84.82	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1475251	58.23	ng	0.00
78) Terphenyl-d14	13.08	244	1699436	58.65	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	126496	4.771	ng	98

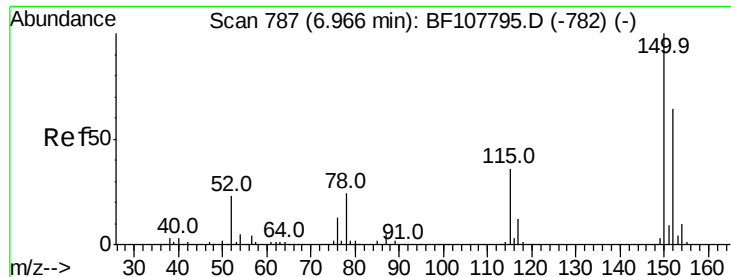
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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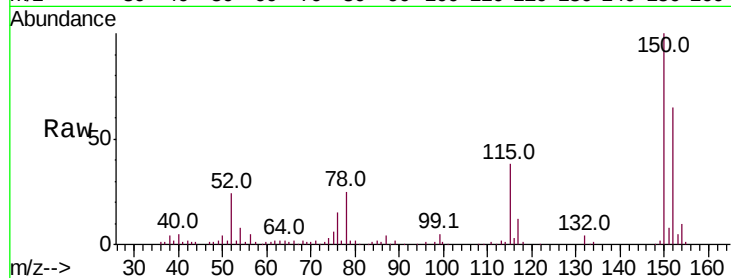


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107807.D
Acq: 30 Jul 2018 18:33

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	58.2	50.1	75.1

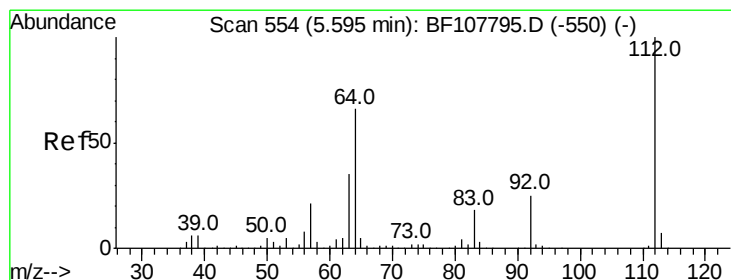
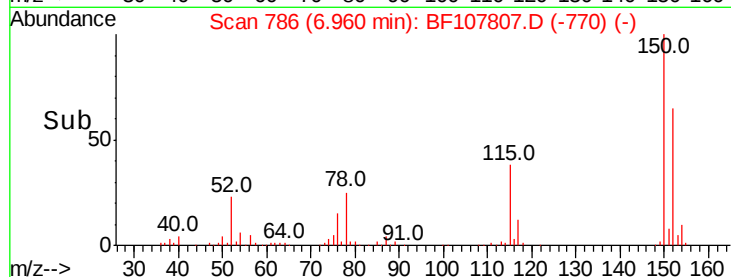
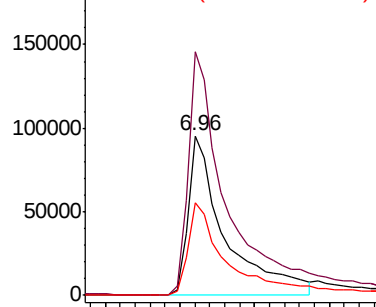


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

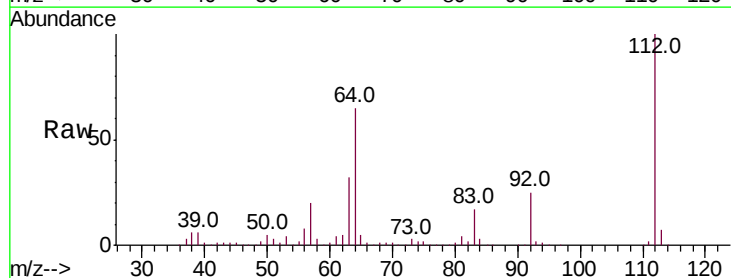
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.053 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107807.D
Acq: 30 Jul 2018 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	32.0	23.7	35.5

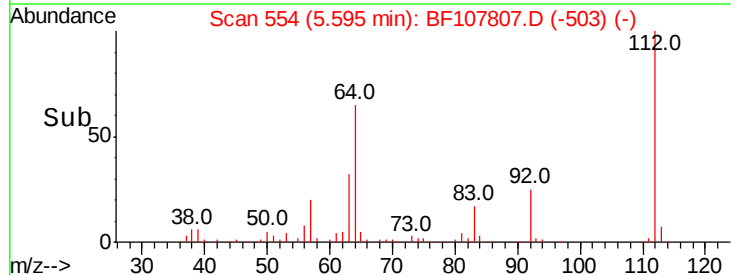
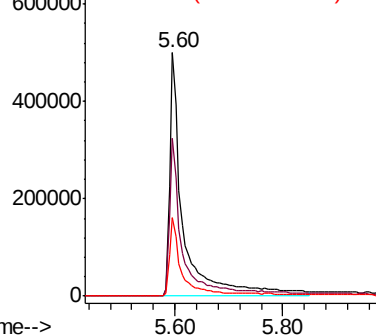


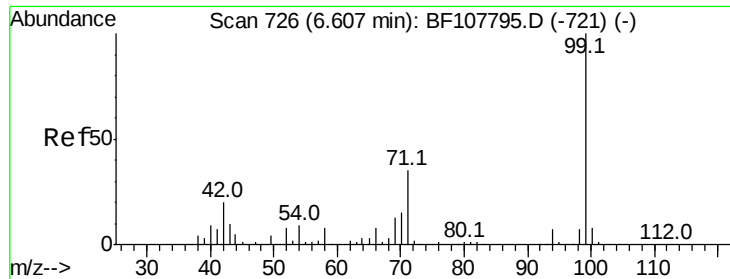
Abundance

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: 102.139 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF107807.D

Acq: 30 Jul 2018 18:33

Instrument :

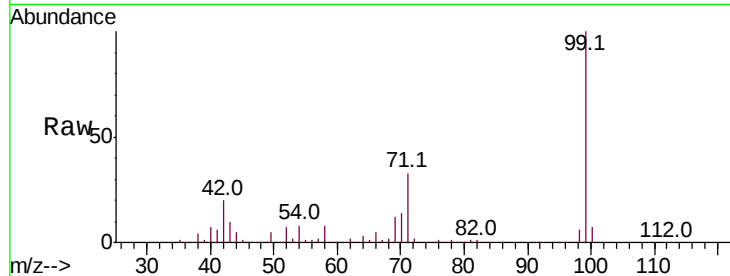
BNA_F

ClientSampleId :

TP-15-S

Tot Ion: 99 Resp: 1306525

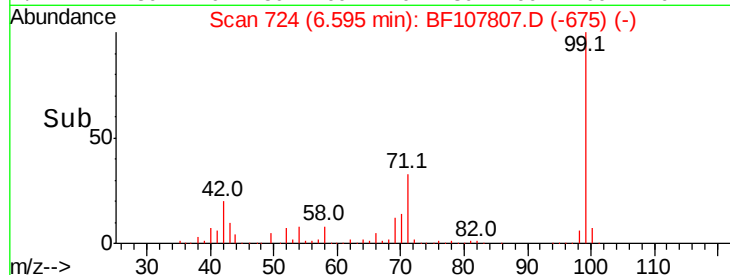
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	32.5	25.4	38.0



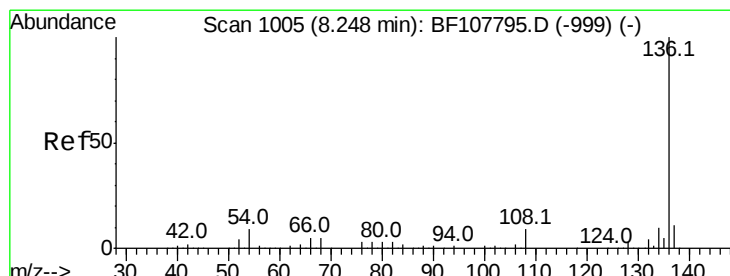
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

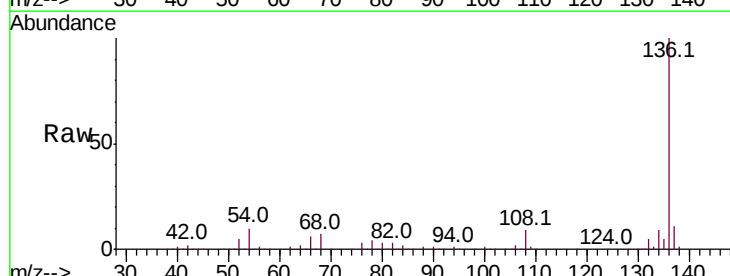
Delta R.T. -0.01 min

Lab File: BF107807.D

Acq: 30 Jul 2018 18:33

Tgt Ion:136 Resp: 752075

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.0	6.6	9.8#
68	6.7	5.0	7.4

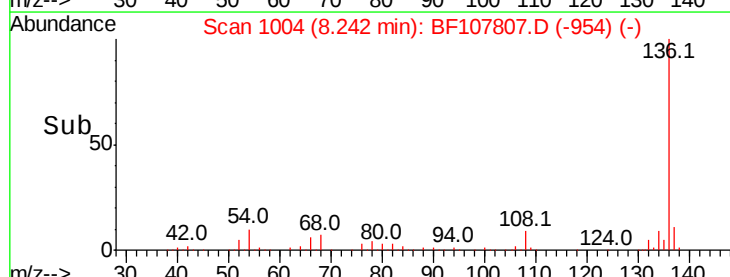


Abundance Ion 136.00 (135.70 to 136.70): E

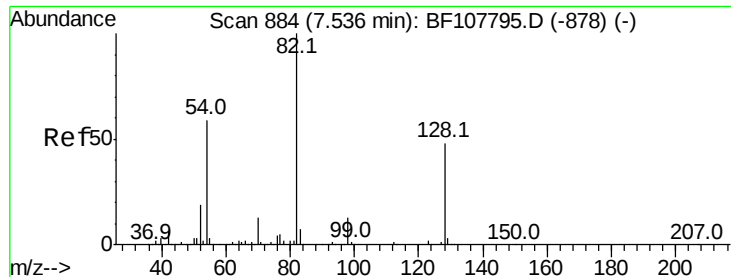
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



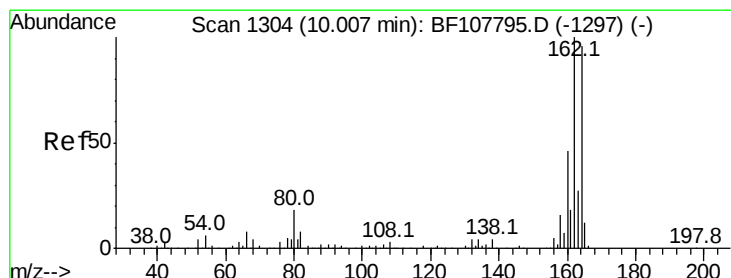
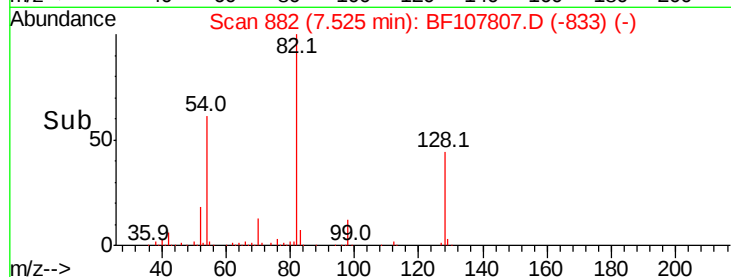
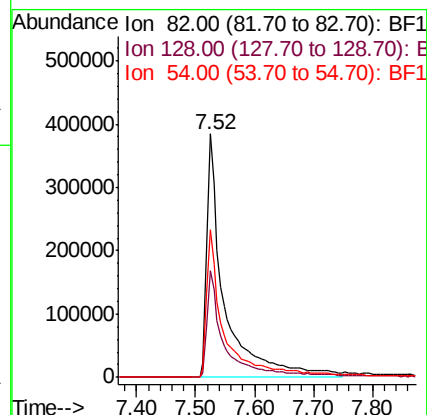
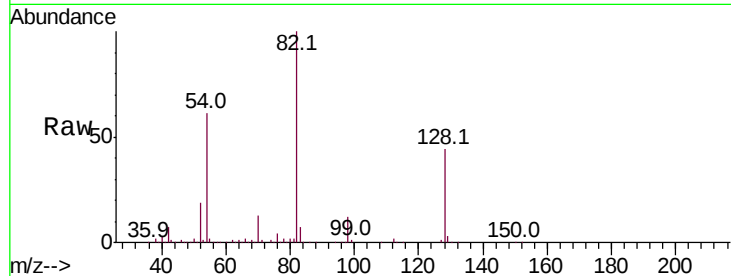
Time-->



#23
Nitrobenzene-d5
Concen: 60.780 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107807.D
Acq: 30 Jul 2018 18:33

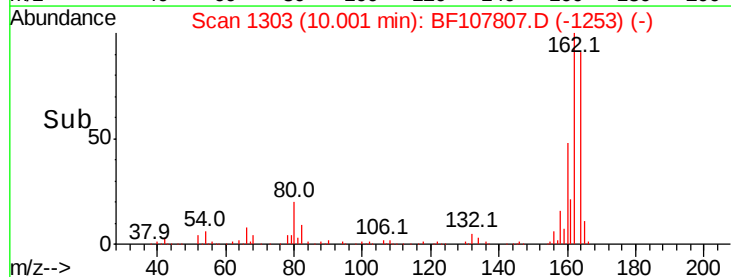
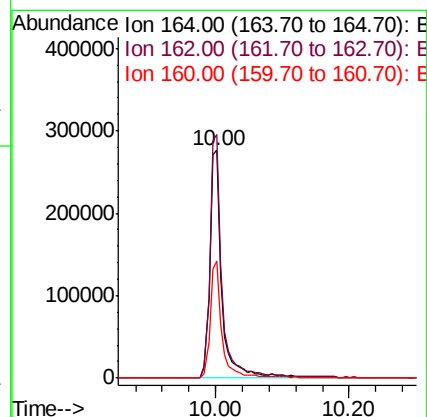
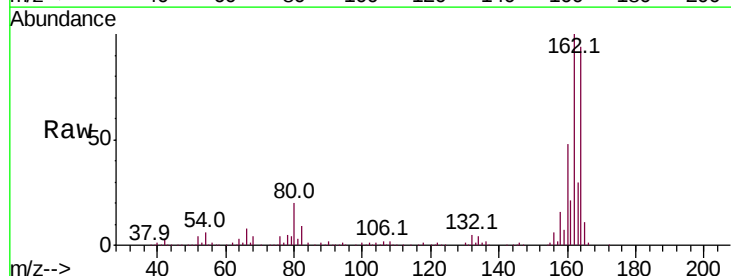
Instrument :
BNA_F
ClientSampleId :
TP-15-S

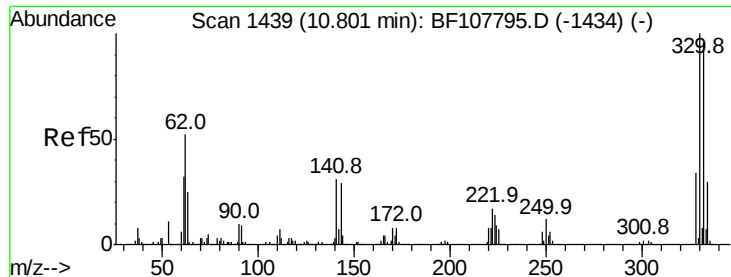
Tot Ion: 82 Resp: 793459
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 60.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107807.D
Acq: 30 Jul 2018 18:33

Tgt Ion:164 Resp: 353045
Ion Ratio Lower Upper
164 100
162 106.8 86.1 129.1
160 51.3 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 84.816 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107807.D

Acq: 30 Jul 2018 18:33

Instrument :

BNA_F

ClientSampleId :

TP-15-S

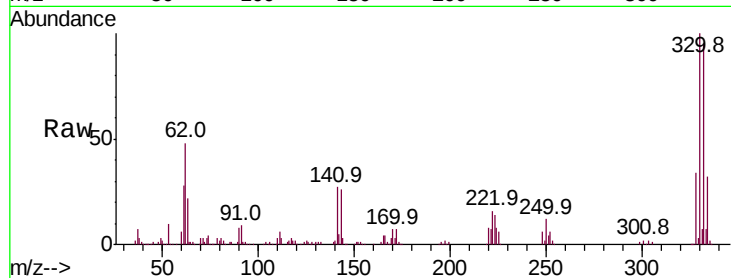
Tot Ion:330 Resp: 406875

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

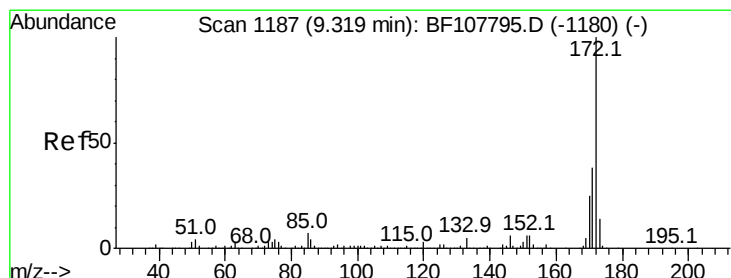
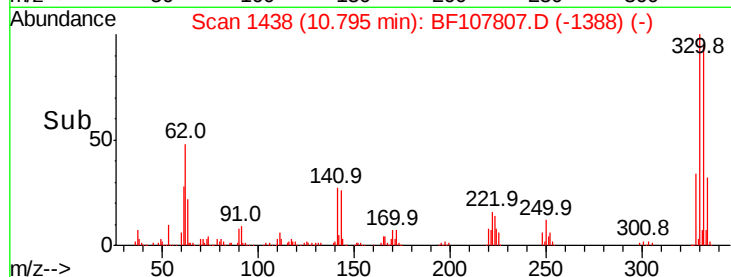
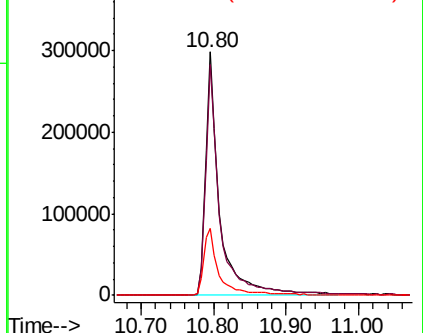
141 30.1 29.9 44.9



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: 58.229 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107807.D

Acq: 30 Jul 2018 18:33

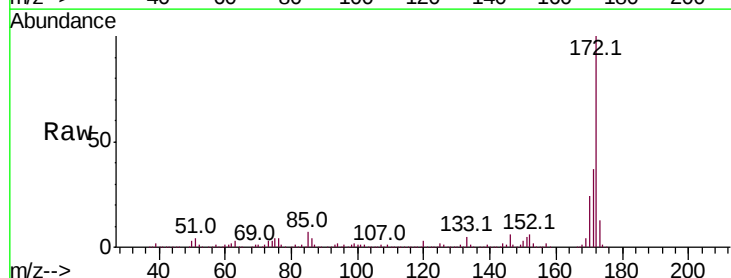
Tgt Ion:172 Resp: 1475251

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

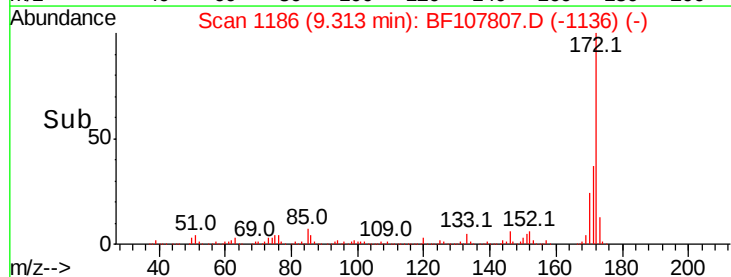
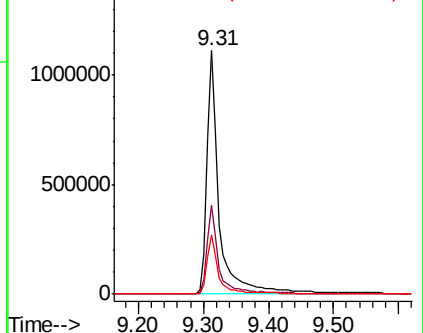
170 24.5 19.6 29.4

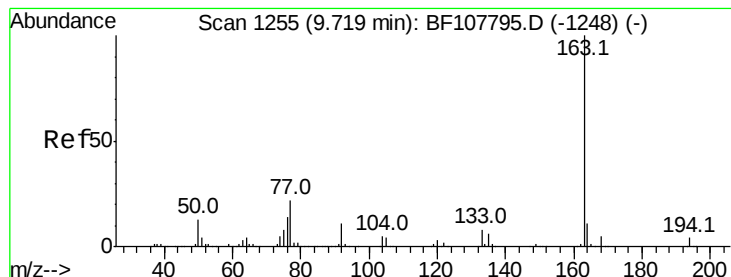


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.771 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107807.D

Acq: 30 Jul 2018 18:33

Instrument :

BNA_F

ClientSampleId :

TP-15-S

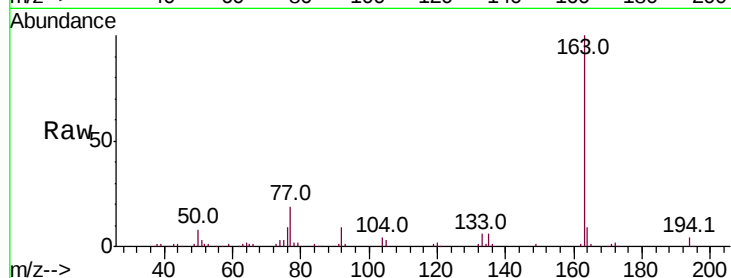
Tot Ion:163 Resp: 126496

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

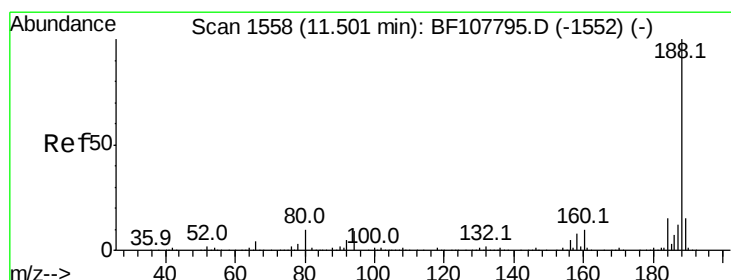
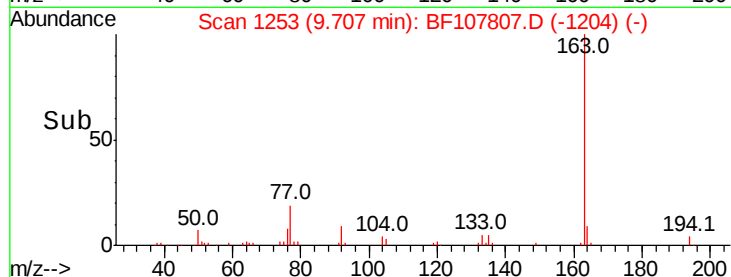
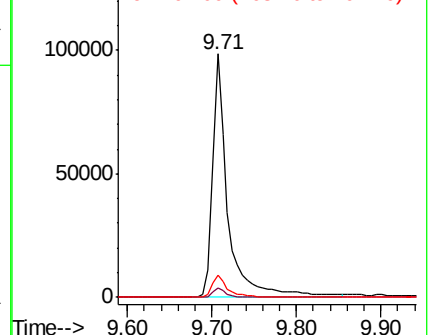
164 9.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107807.D

Acq: 30 Jul 2018 18:33

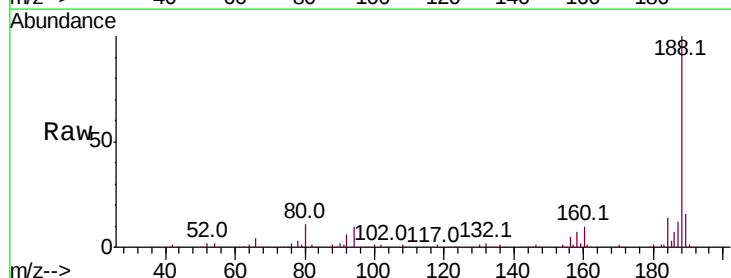
Tgt Ion:188 Resp: 767281

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

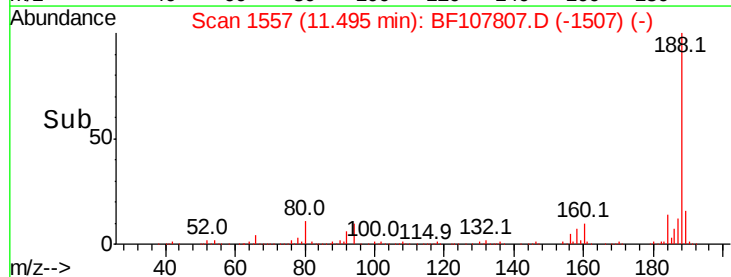
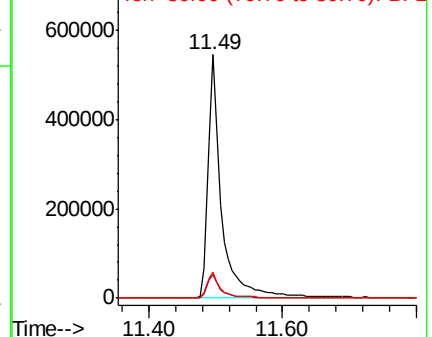
80 10.8 9.2 13.8

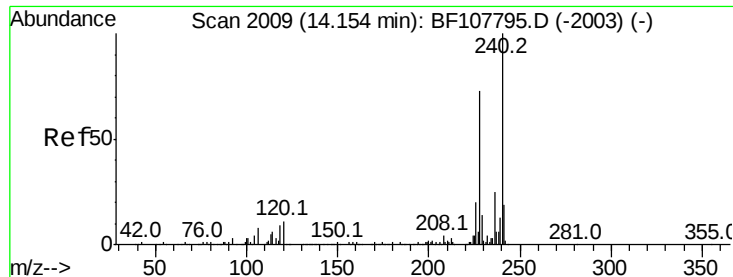


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2008

Delta R.T. -0.01 min

Lab File: BF107807.D

Acq: 30 Jul 2018 18:33

Instrument :

BNA_F

ClientSampleId :

TP-15-S

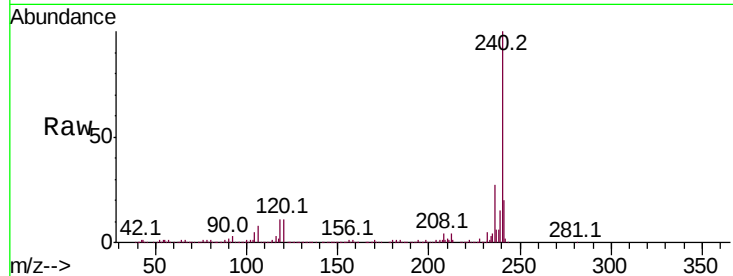
Tot Ion:240 Resp: 628330

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

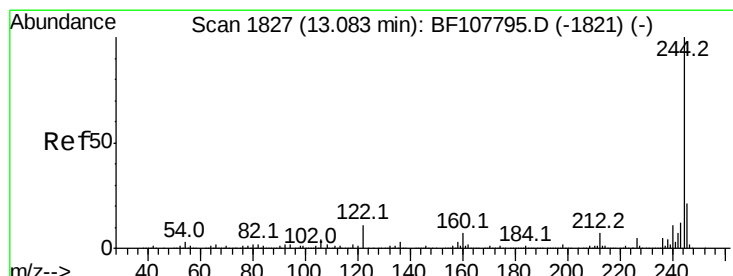
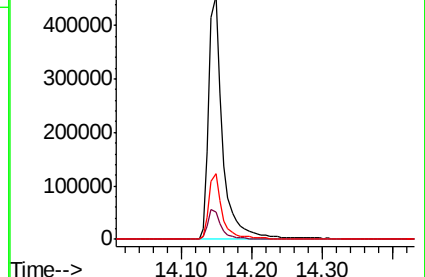
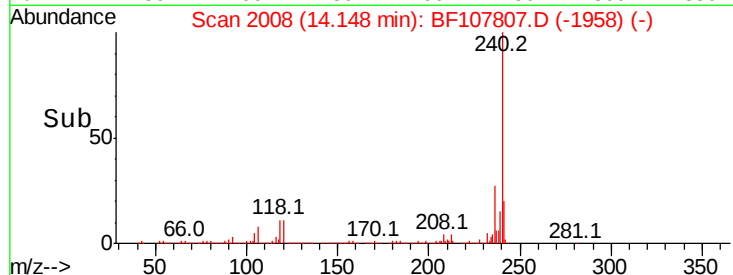
236 27.1 20.7 31.1



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: 58.649 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107807.D

Acq: 30 Jul 2018 18:33

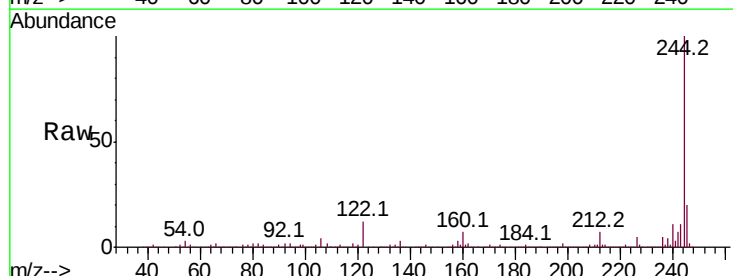
Tgt Ion:244 Resp: 1699436

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

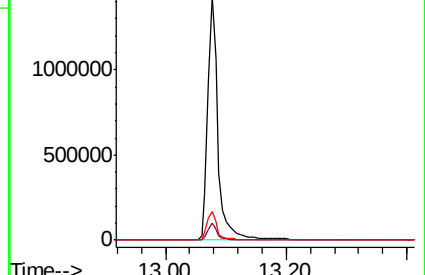
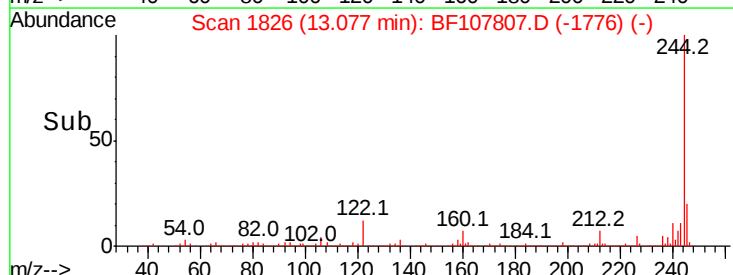
122 11.8 11.0 16.4

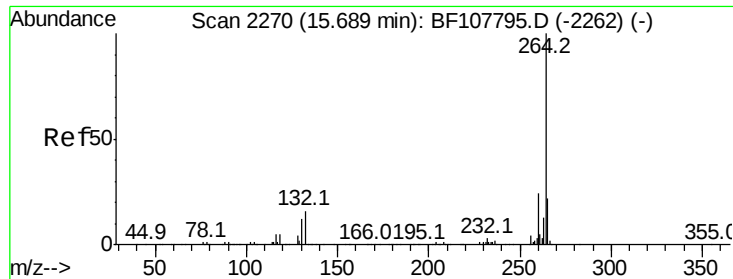


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF107807.D
 Acq: 30 Jul 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3

