

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106776.D
 Acq On : 25 Jun 2018 17:30
 Operator : JU/SJ
 Sample : J3573-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-COMP

Quant Time: Jun 25 18:56:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

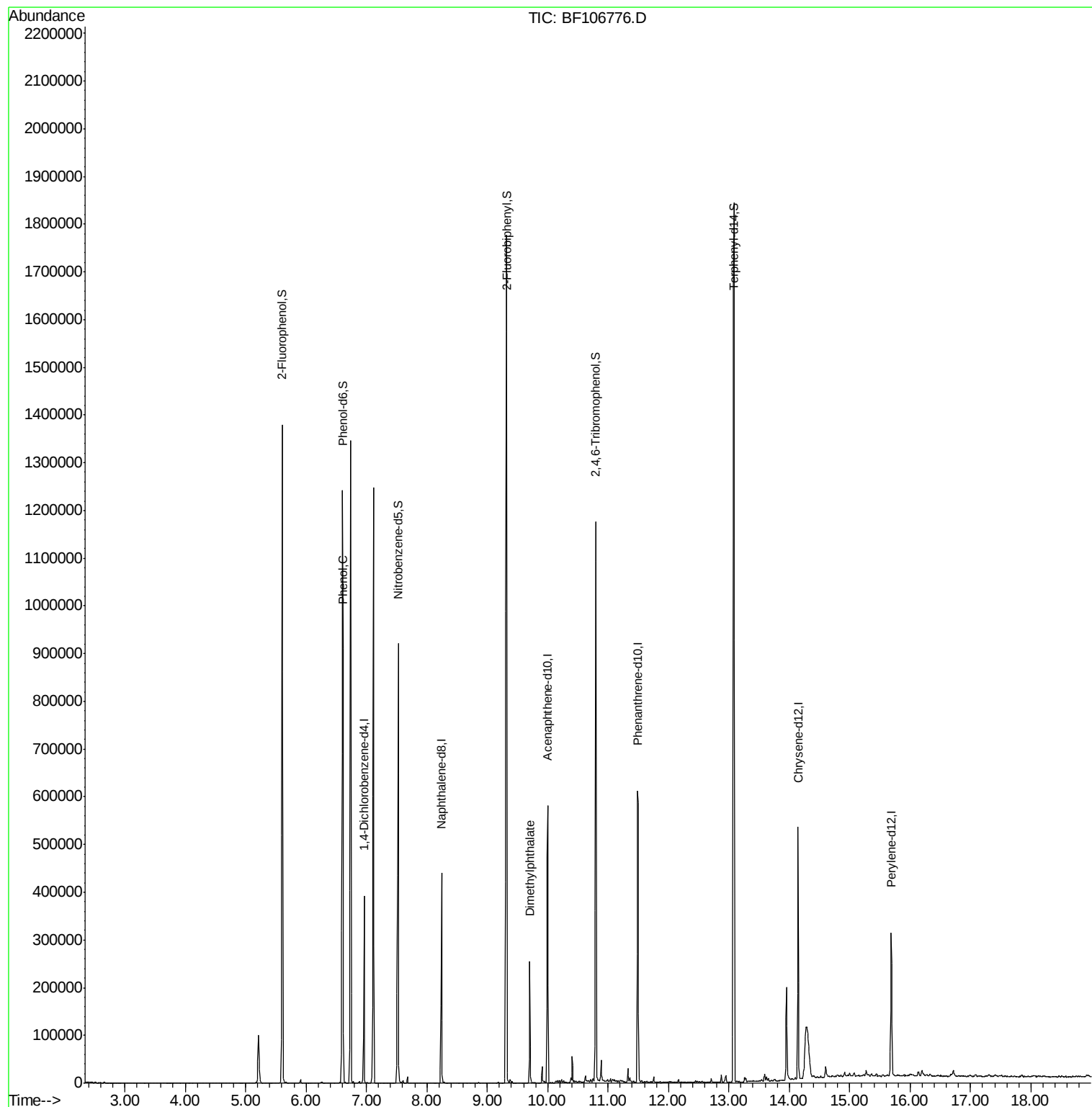
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58532	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	226168	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	120250	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	255337	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	200817	20.00	ng	-0.02
86) Perylene-d12	15.69	264	161254	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	430083	124.42	ng	0.00
7) Phenol-d6	6.61	99	563107	130.45	ng	0.00
23) Nitrobenzene-d5	7.52	82	373177	91.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	211906	152.04	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	683816	98.62	ng	0.00
78) Terphenyl-d14	13.08	244	873761	105.39	ng	0.00
Target Compounds						
10) Phenol	6.62	94	10642	2.160	ng	97
49) Dimethylphthalate	9.71	163	102349	11.348	ng	99

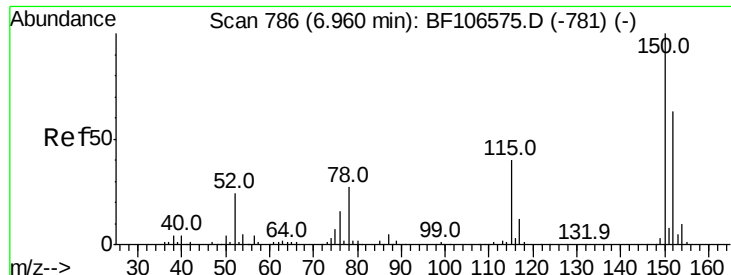
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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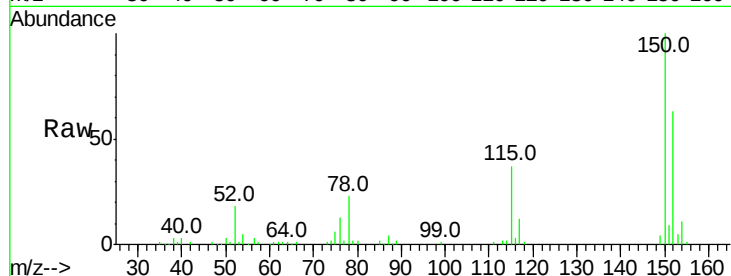


#1

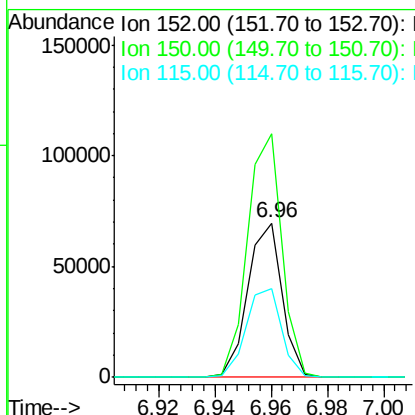
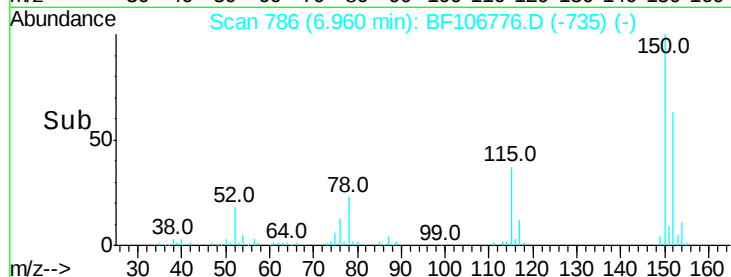
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tot Ion:152 Resp: 58532
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 57.9 50.1 75.1



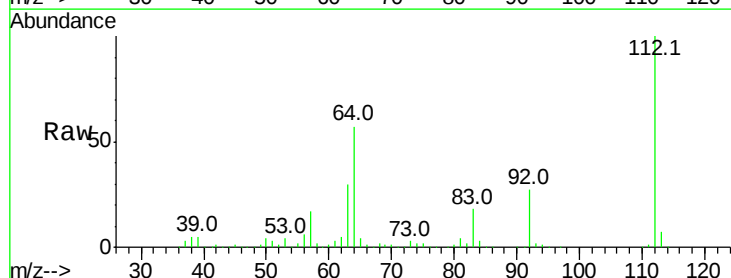
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



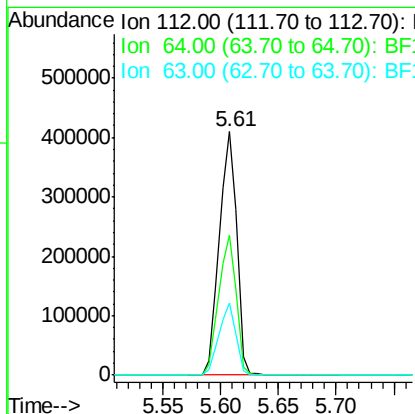
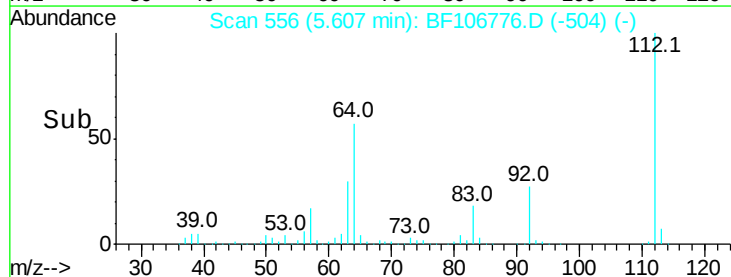
#5

2-Fluorophenol
Concen: 124.422 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

Tgt Ion:112 Resp: 430083
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.6 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: 130.449 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampleId :

SB-45-COMP

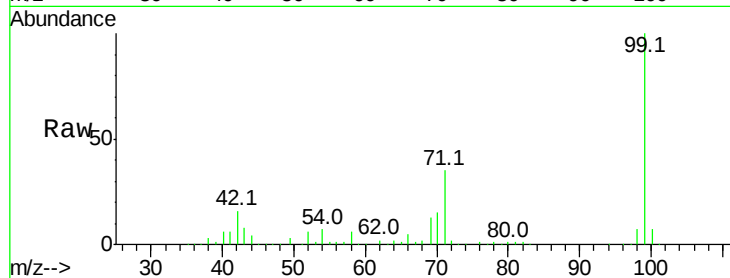
Tot Ion: 99 Resp: 563107

Ion Ratio Lower Upper

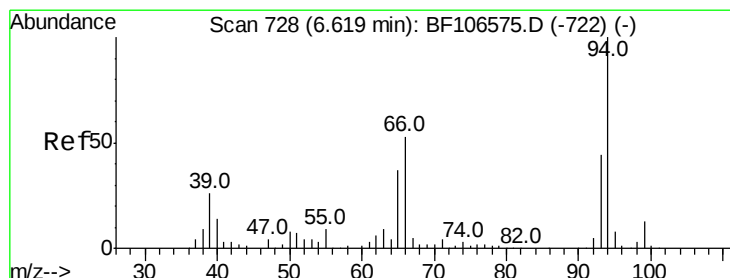
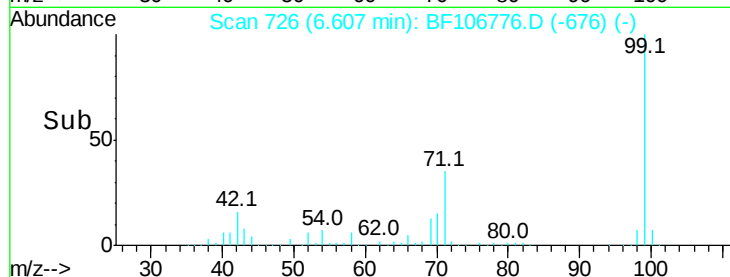
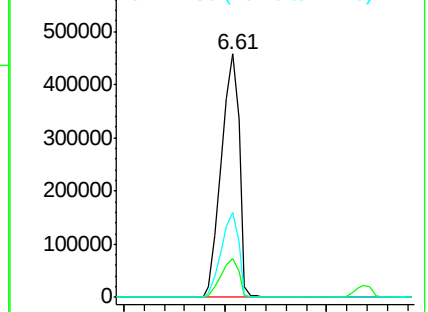
99 100

42 16.2 14.5 21.7

71 34.7 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



#10

Phenol

Concen: 2.160 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

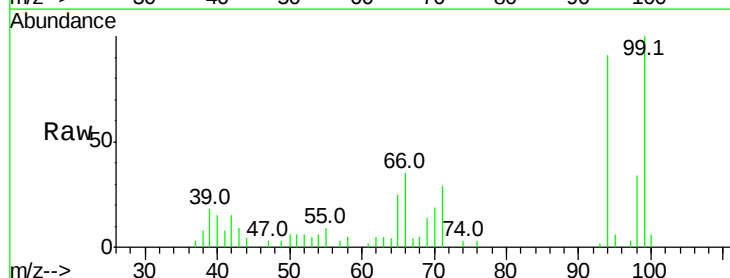
Tgt Ion: 94 Resp: 10642

Ion Ratio Lower Upper

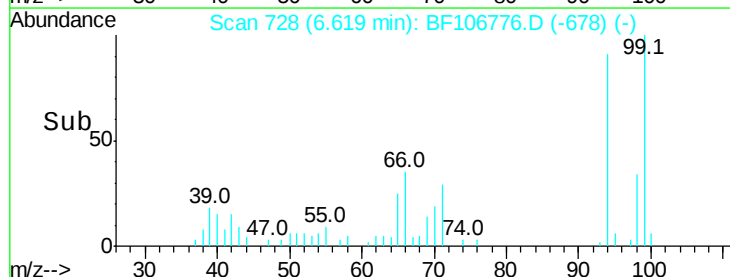
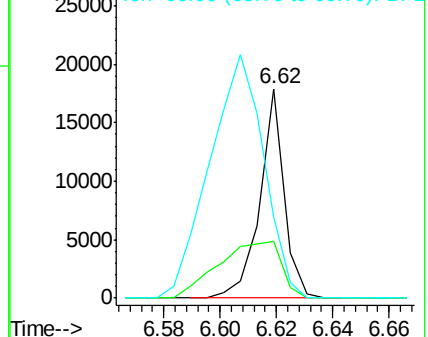
94 100

65 27.3 7.9 47.9

66 38.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

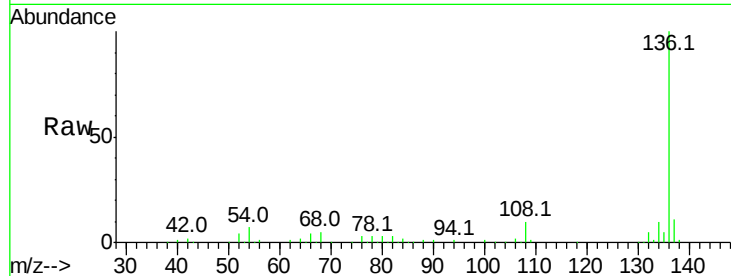




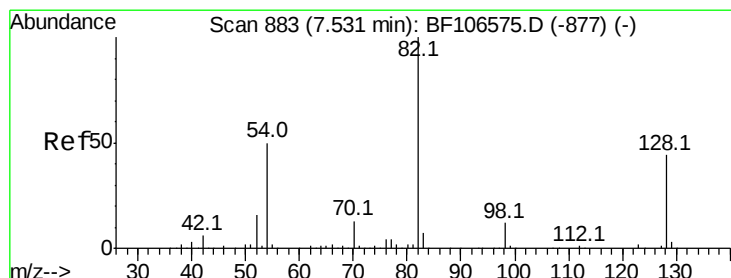
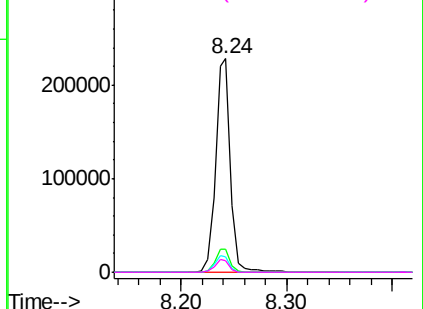
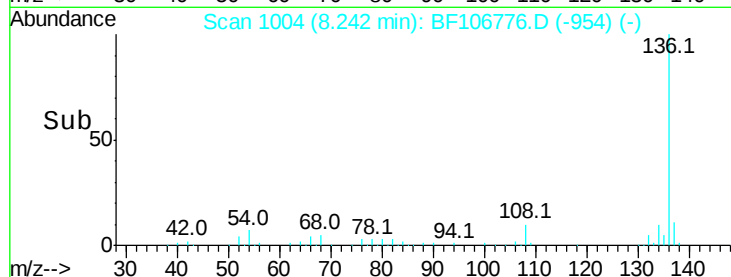
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tot Ion:136	Resp:	226168
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 7.4	6.6	9.8
68 5.5	5.0	7.4

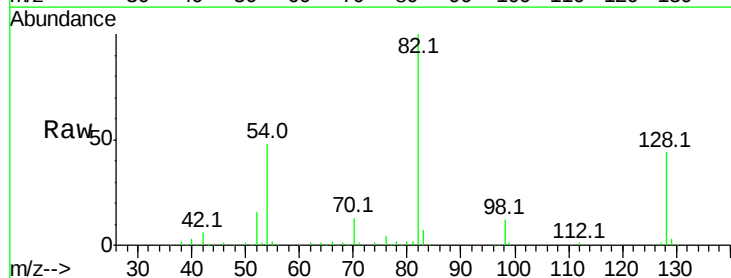


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

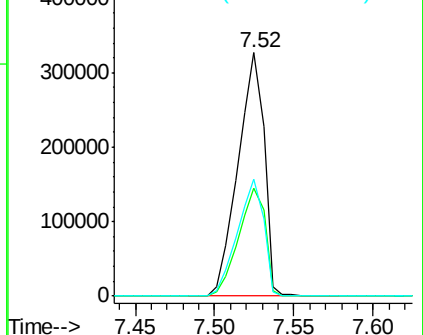
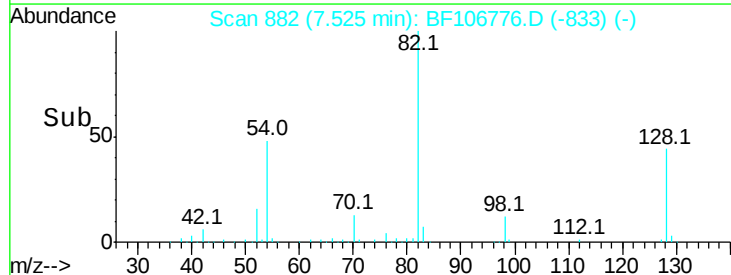


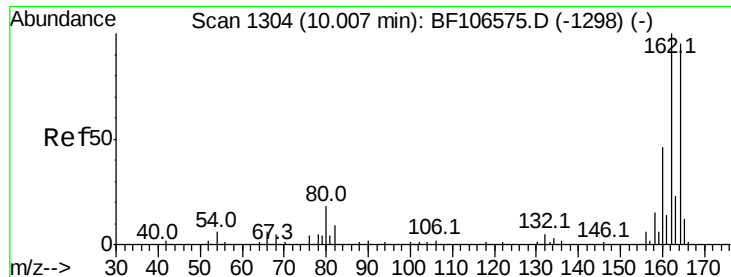
#23
Nitrobenzene-d5
Concen: 91.696 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

Tgt	Ion: 82	Resp:	373177
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
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: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampleId :

SB-45-COMP

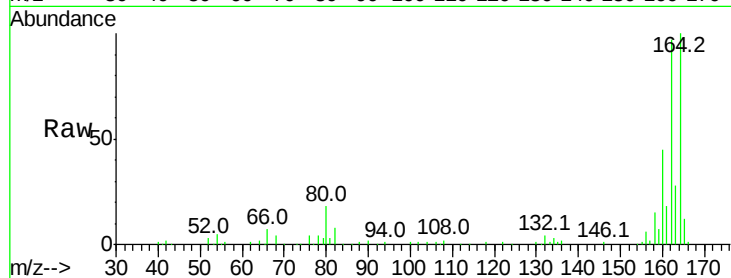
Tot Ion:164 Resp: 120250

Ion Ratio Lower Upper

164 100

162 97.4 86.1 129.1

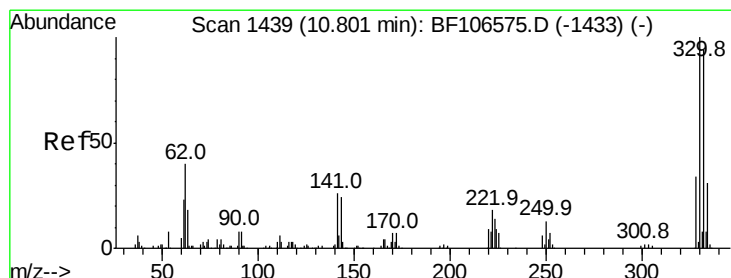
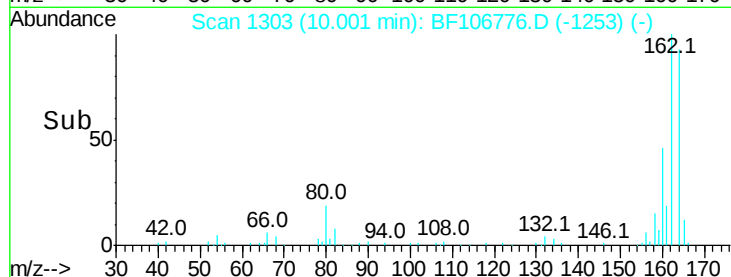
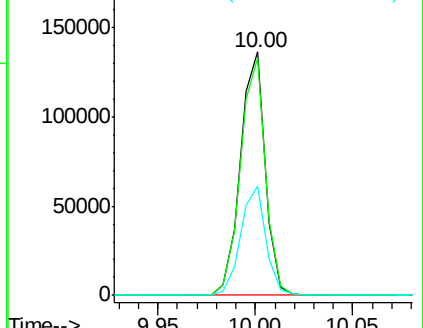
160 44.6 38.3 57.5



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: 152.042 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

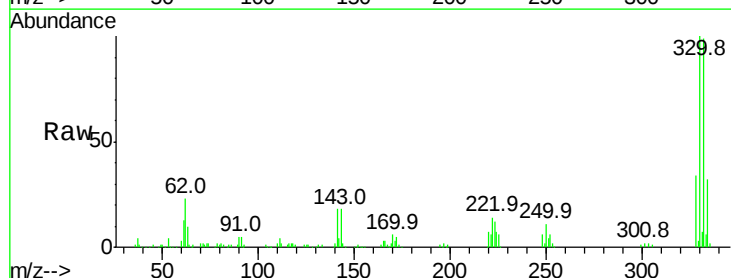
Tgt Ion:330 Resp: 211906

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

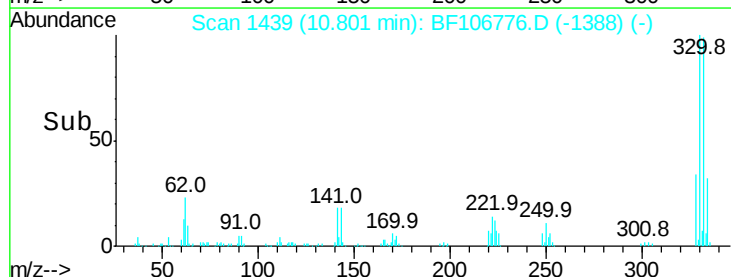
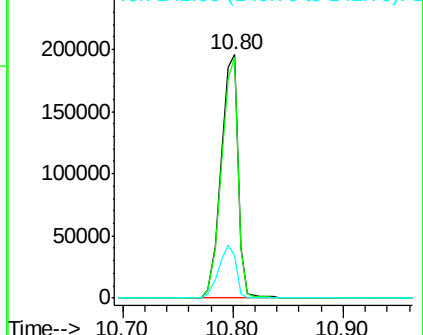
141 22.1 29.9 44.9#



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

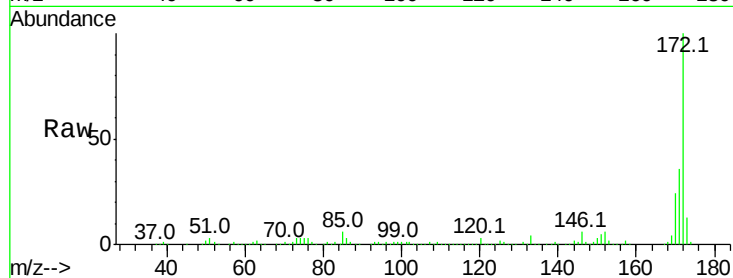




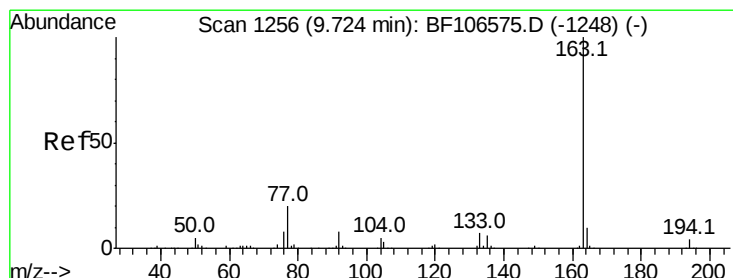
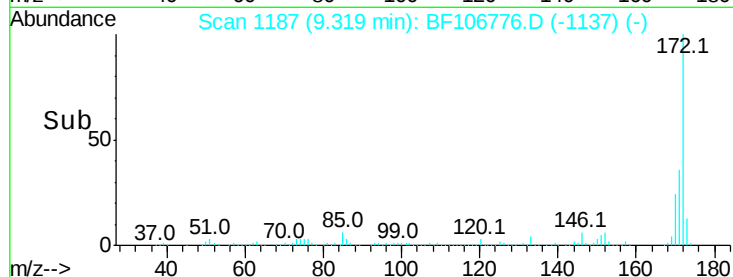
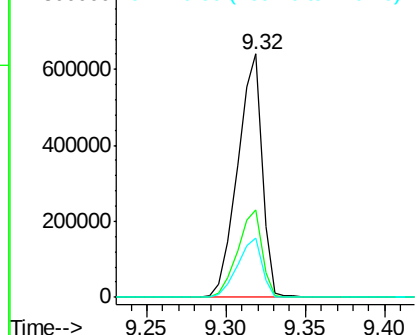
#44
 2-Fluorobiphenyl
 Concen: 98.616 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106776.D
 Acq: 25 Jun 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-COMP

Tot Ion:172 Resp: 683816
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 19.6 29.4

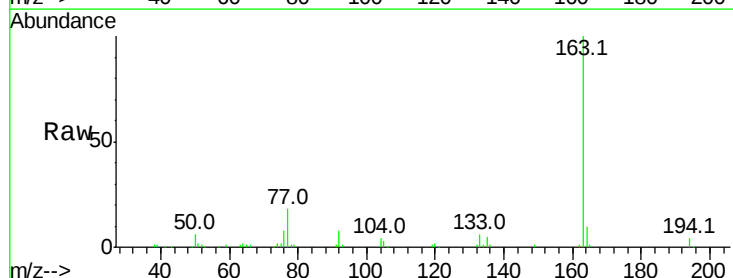


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

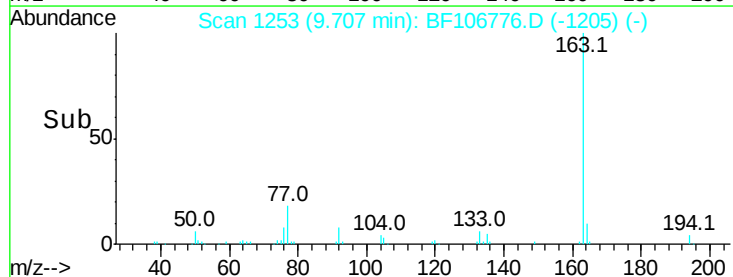
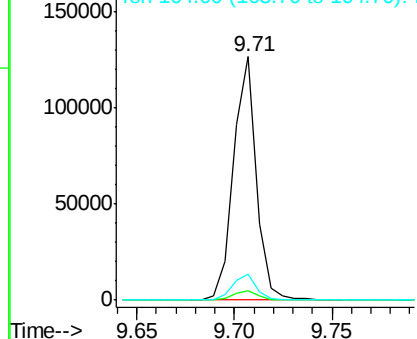


#49
 Dimethylphthalate
 Concen: 11.348 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106776.D
 Acq: 25 Jun 2018 17:30

Tgt Ion:163 Resp: 102349
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.5 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

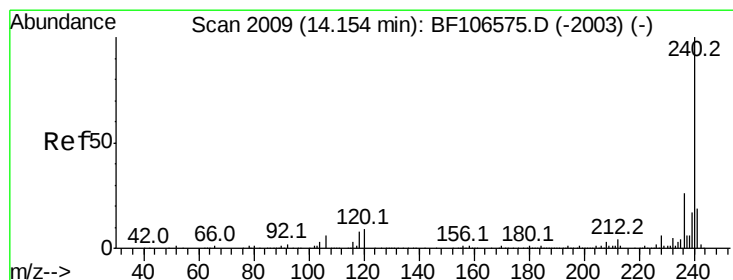
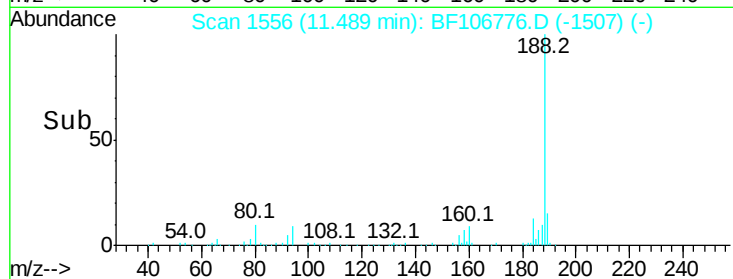
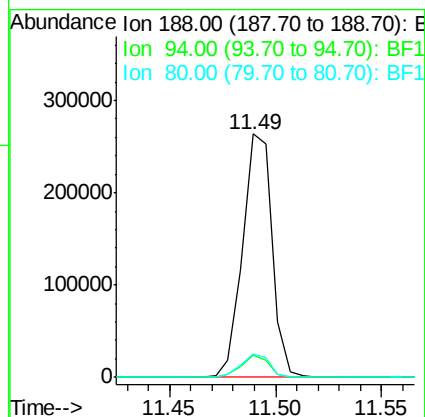
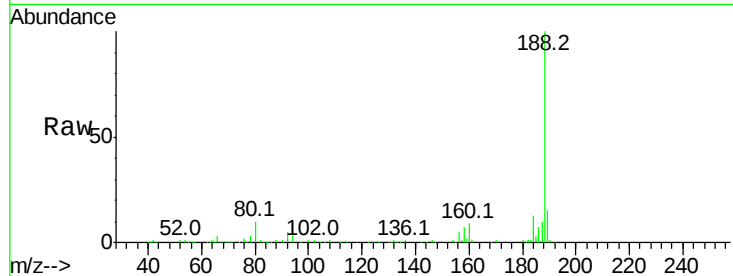




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

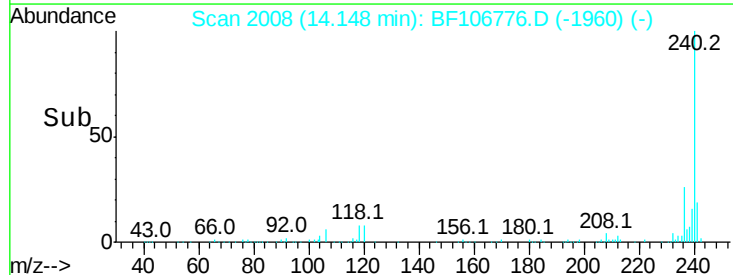
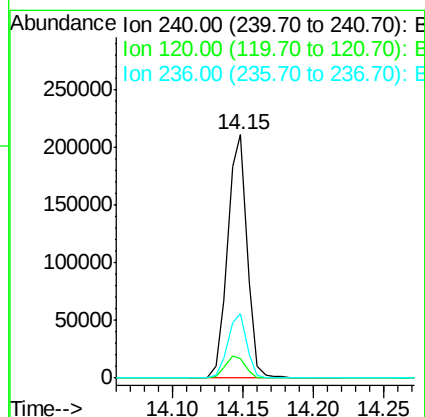
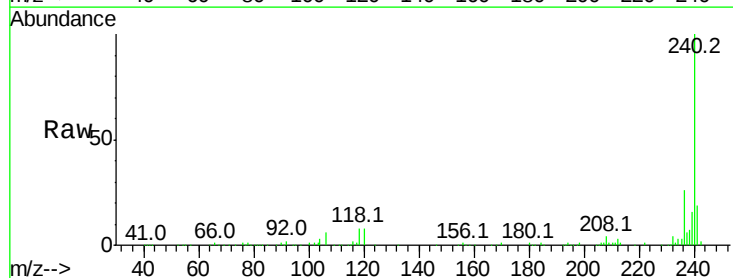
Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

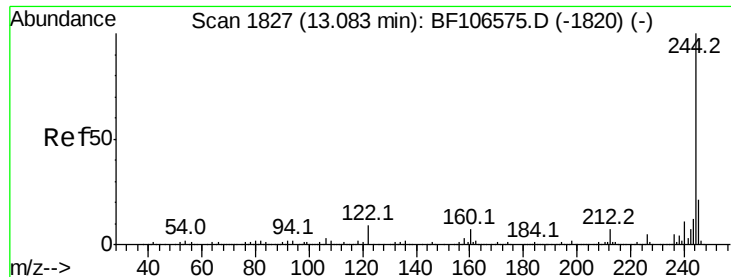
Tot Ion:188 Resp: 255337
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF106776.D
Acq: 25 Jun 2018 17:30

Tgt Ion:240 Resp: 200817
Ion Ratio Lower Upper
240 100
120 8.1 9.5 14.3#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 105.395 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

Instrument :

BNA_F

ClientSampleId :

SB-45-COMP

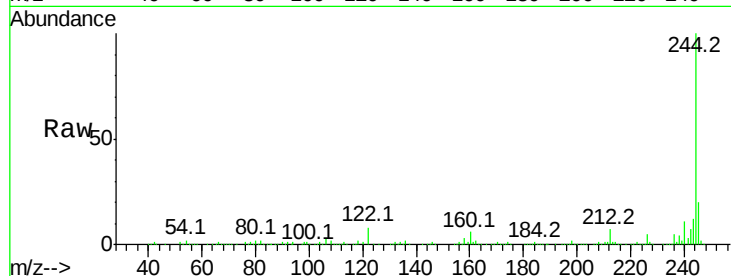
Tot Ion:244 Resp: 873761

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

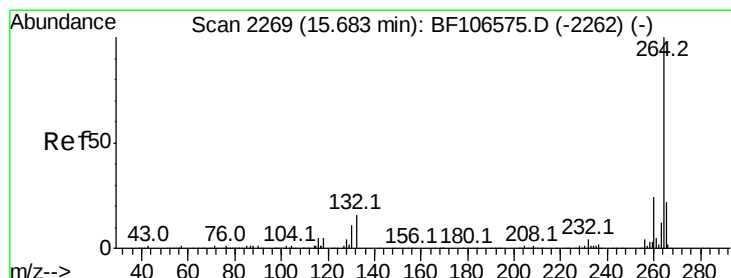
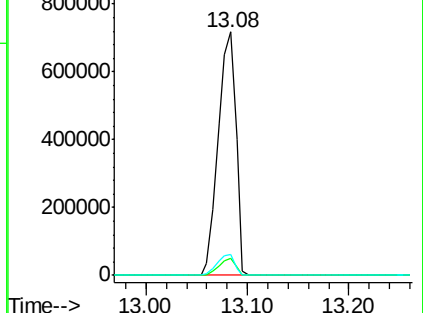
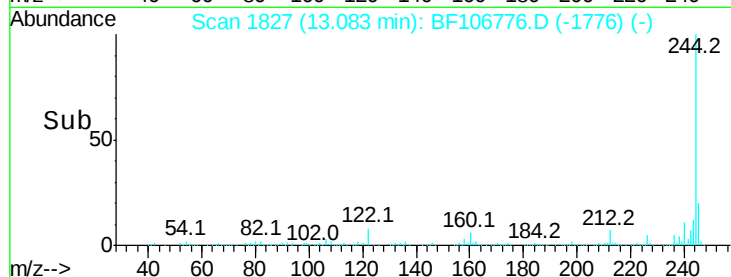
122 8.5 11.0 16.4#



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. -0.03 min

Lab File: BF106776.D

Acq: 25 Jun 2018 17:30

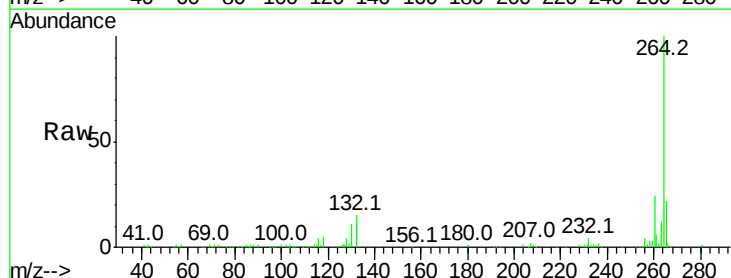
Tgt Ion:264 Resp: 161254

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.2 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

