

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106964.D
 Acq On : 29 Jun 2018 11:19
 Operator : JU/SJ
 Sample : J3048-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GW

Quant Time: Jun 29 13:22:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 11:40:02 2018
 Response via : Initial Calibration

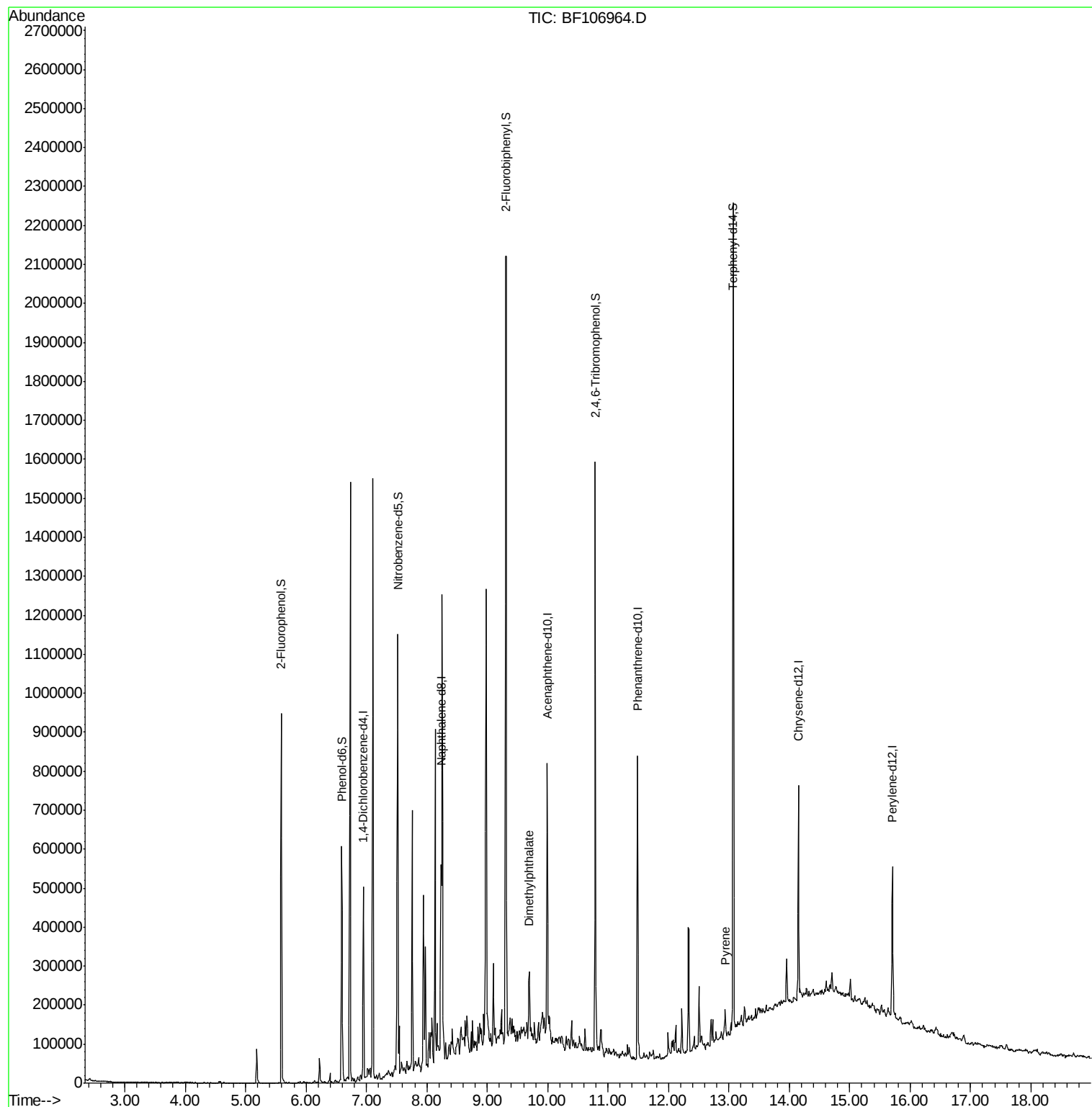
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72256	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	325356	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	145901	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	303971	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	215443	20.00	ng	-0.01
86) Perylene-d12	15.71	264	198650	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	259223	60.75	ng	-0.01
7) Phenol-d6	6.59	99	209450	39.31	ng	-0.02
23) Nitrobenzene-d5	7.52	82	408290	69.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	243300	143.88	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	763981	89.39	ng	-0.01
78) Terphenyl-d14	13.08	244	907309	102.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	38182	3.489	ng	Qvalue # 96
77) Pyrene	12.94	202	28642	2.016	ng	98

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

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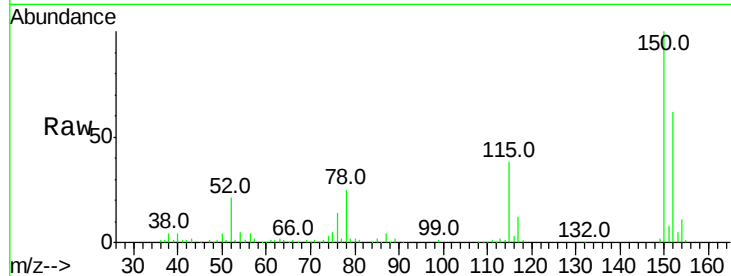


#1

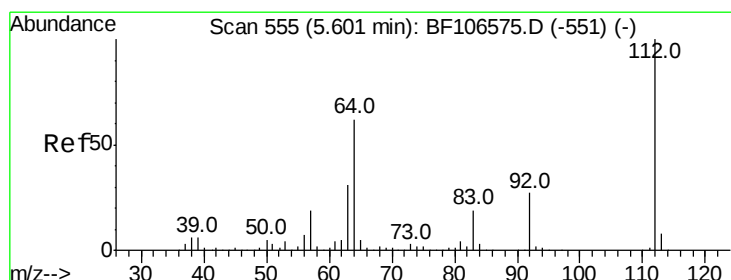
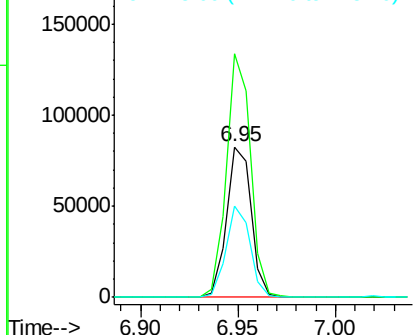
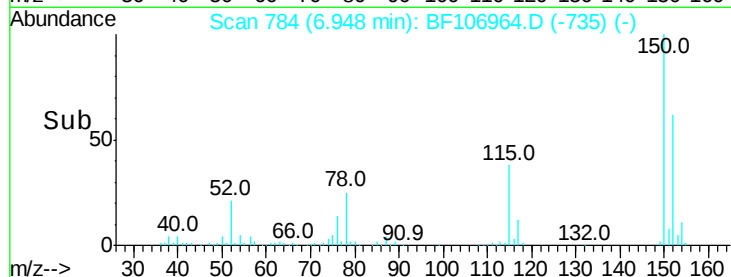
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF106964.D
 Acq: 29 Jun 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GW

Tot Ion:152 Resp: 72256
 Ion Ratio Lower Upper
 152 100
 150 161.8 124.6 186.8
 115 60.9 50.1 75.1



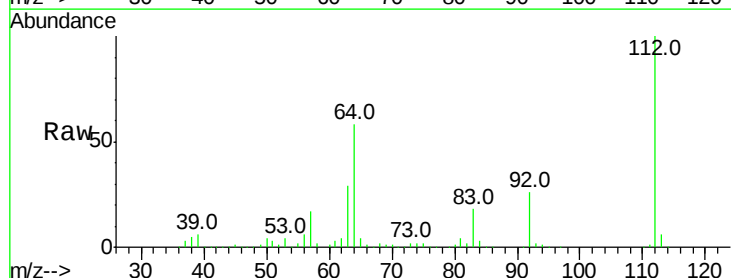
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



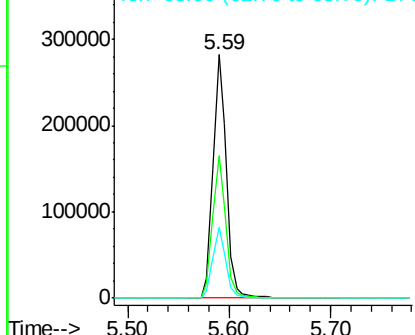
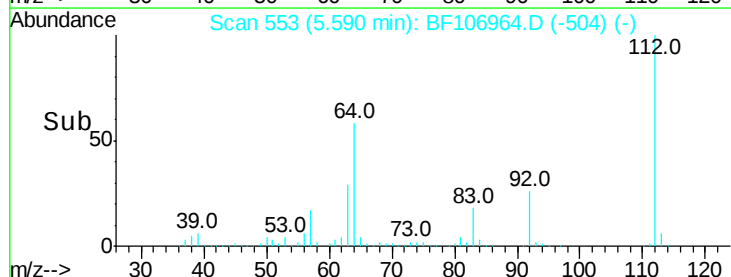
#5

2-Fluorophenol
 Concen: 60.749 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF106964.D
 Acq: 29 Jun 2018 11:19

Tgt Ion:112 Resp: 259223
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 28.9 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: 39.305 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106964.D

Acq: 29 Jun 2018 11:19

Instrument :

BNA_F

ClientSampleId :

TP-3-GW

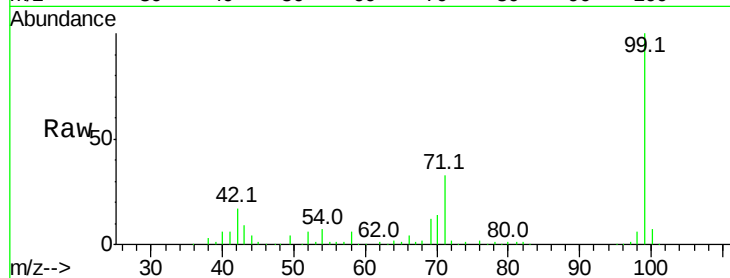
Tot Ion: 99 Resp: 209450

Ion Ratio Lower Upper

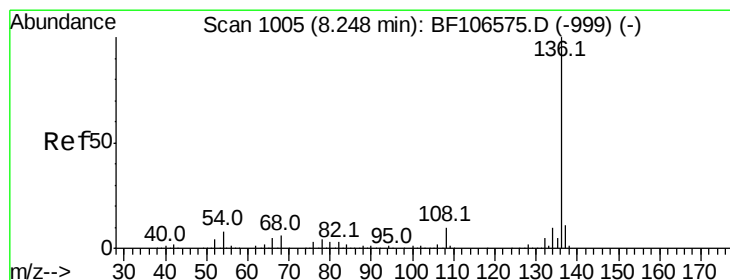
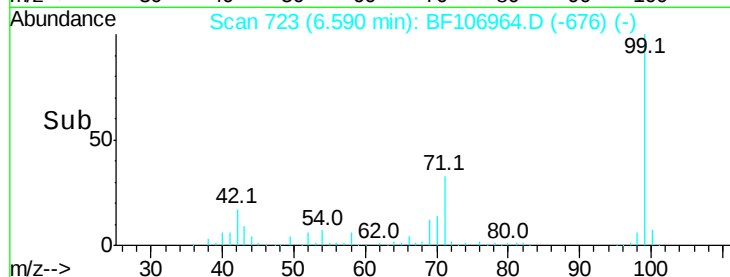
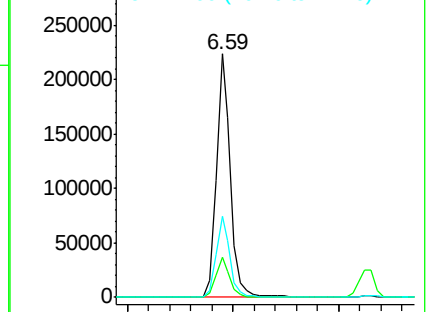
99 100

42 16.6 14.5 21.7

71 33.4 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# 1003

Delta R.T. -0.01 min

Lab File: BF106964.D

Acq: 29 Jun 2018 11:19

Tgt Ion: 136 Resp: 325356

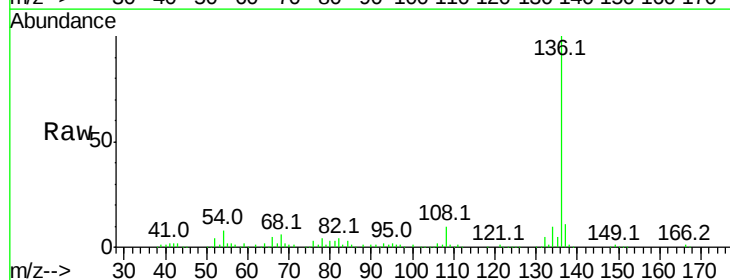
Ion Ratio Lower Upper

136 100

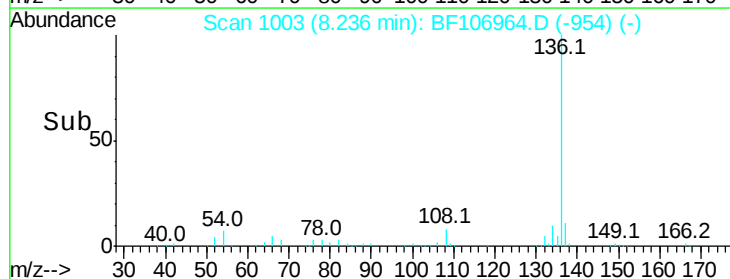
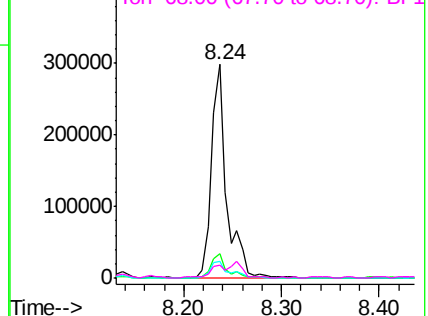
137 11.1 8.9 13.3

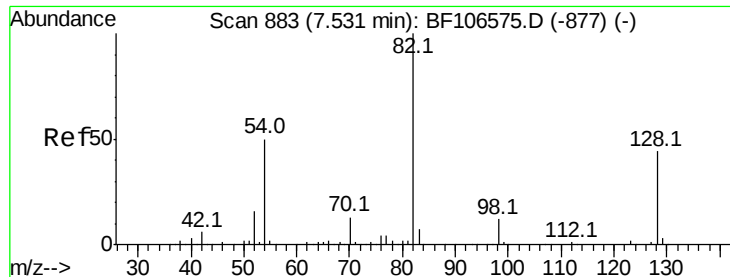
54 7.8 6.6 9.8

68 6.2 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

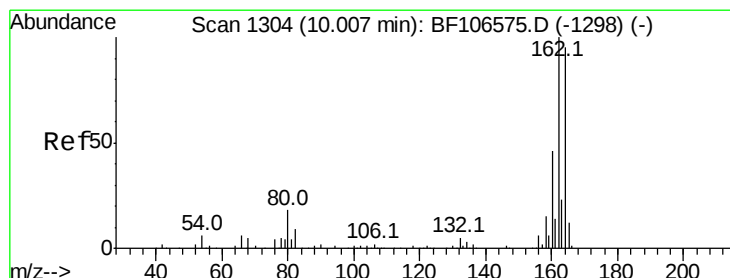
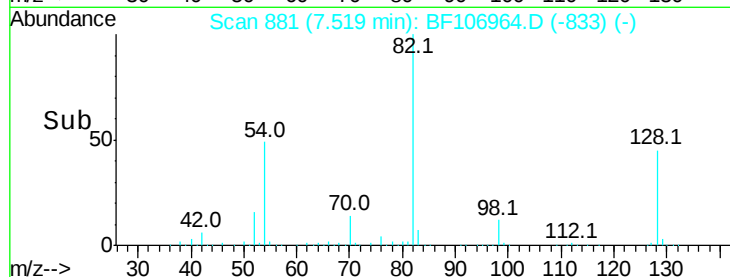
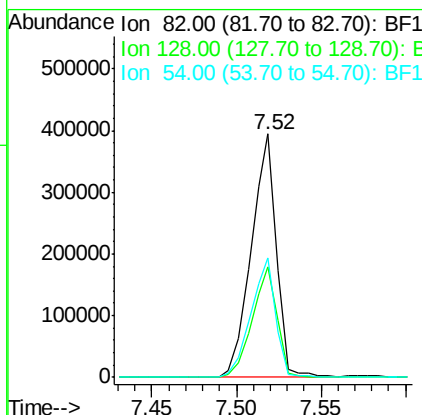
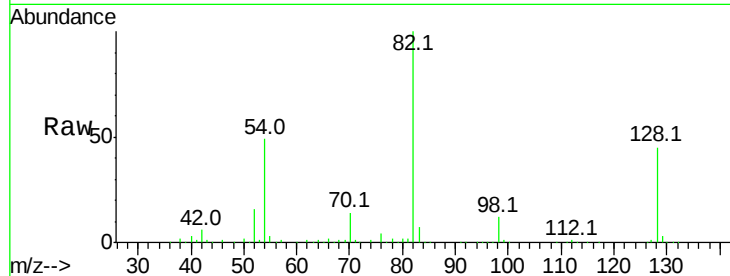




#23
 Nitrobenzene-d5
 Concen: 69.739 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106964.D
 Acq: 29 Jun 2018 11:19

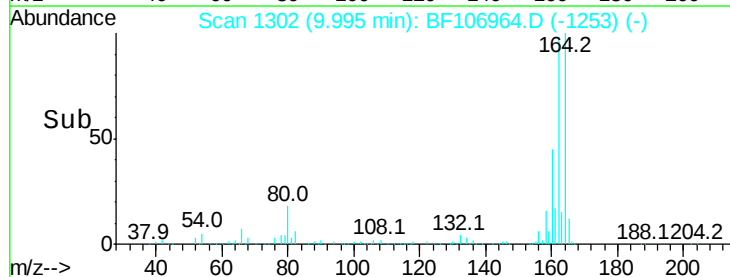
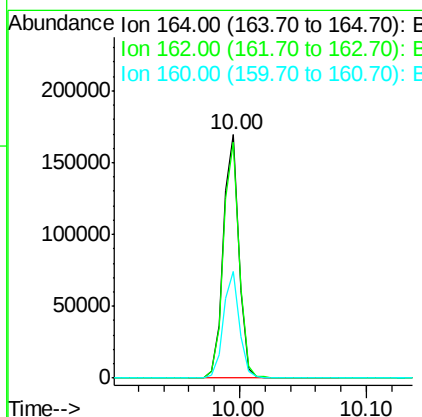
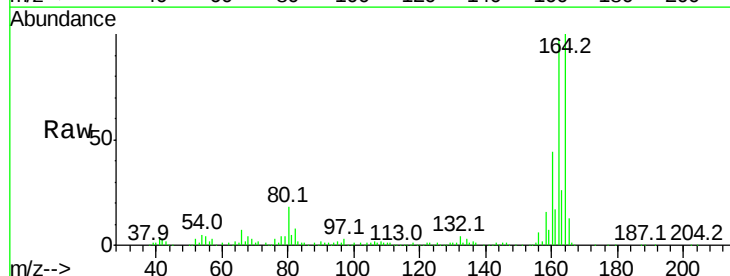
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GW

Tot Ion	82	Resp	408290
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	48.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106964.D
 Acq: 29 Jun 2018 11:19

Tgt Ion	164	Resp	145901
Ion Ratio	Lower	Upper	
164	100		
162	96.9	86.1	129.1
160	44.0	38.3	57.5

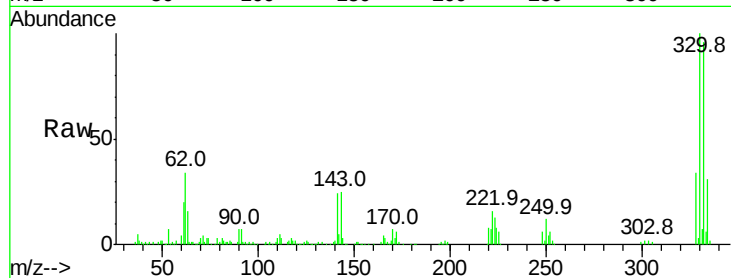




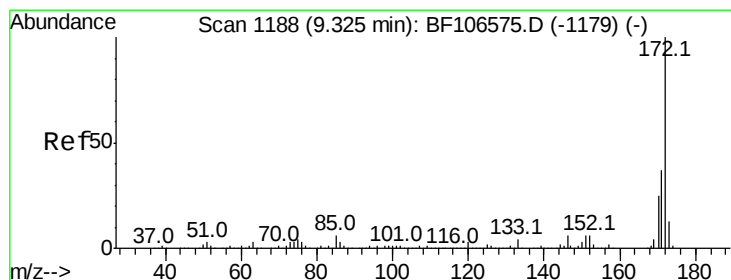
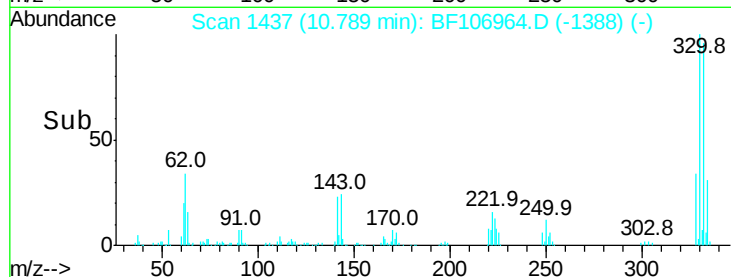
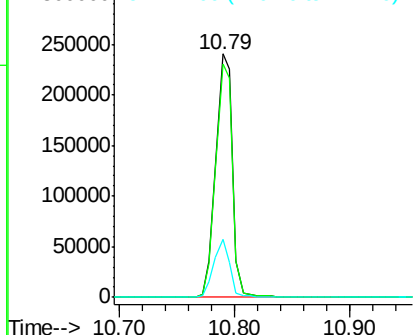
#41
 2,4,6-Tribromophenol
 Concen: 143.877 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106964.D
 Acq: 29 Jun 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GW

Tot Ion:330 Resp: 243300
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 22.7 29.9 44.9#

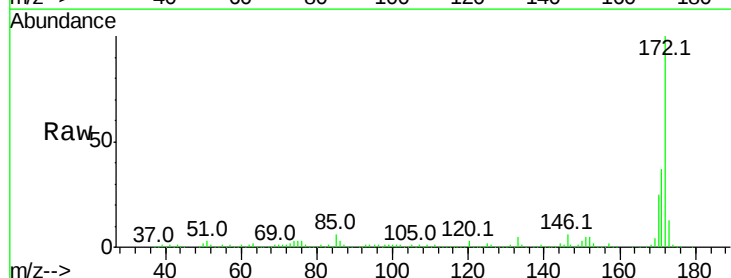


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

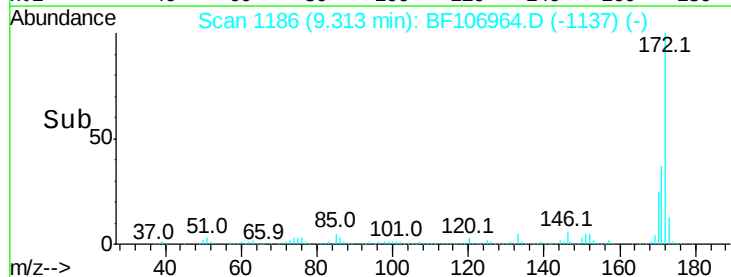
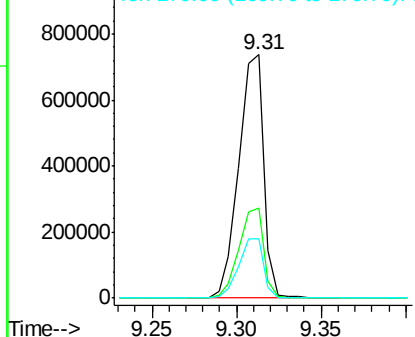


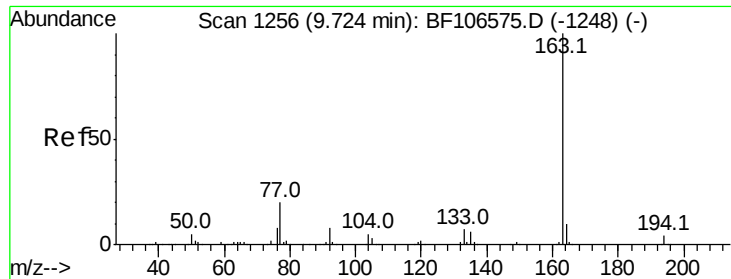
#44
 2-Fluorobiphenyl
 Concen: 89.393 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106964.D
 Acq: 29 Jun 2018 11:19

Tgt Ion:172 Resp: 763981
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.6 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





#49

Dimethylphthalate

Concen: 3.489 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106964.D

Acq: 29 Jun 2018 11:19

Instrument :

BNA_F

ClientSampleId :

TP-3-GW

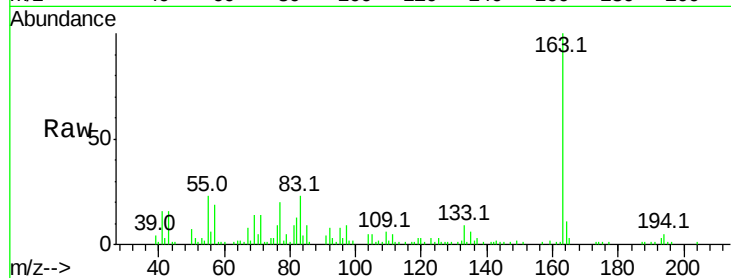
Tot Ion:163 Resp: 38182

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

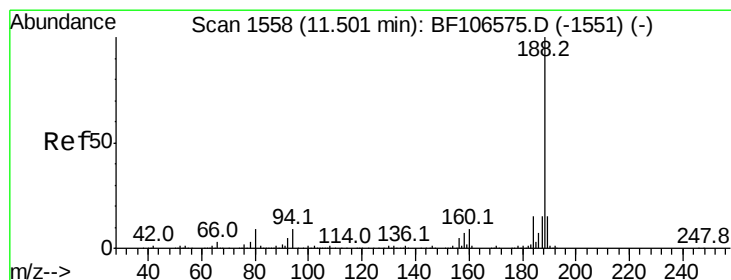
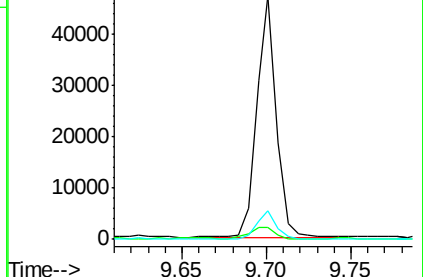
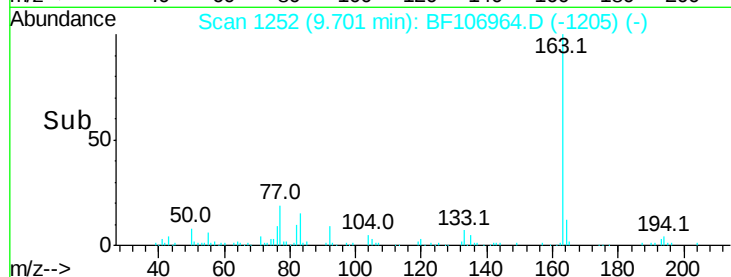
164 11.5 8.2 12.2



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: BF106964.D

Acq: 29 Jun 2018 11:19

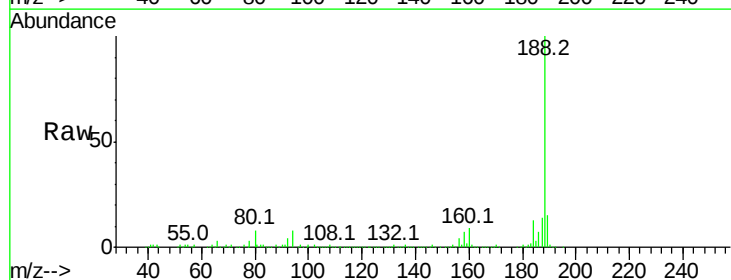
Tgt Ion:188 Resp: 303971

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

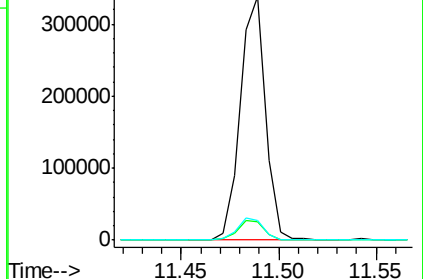
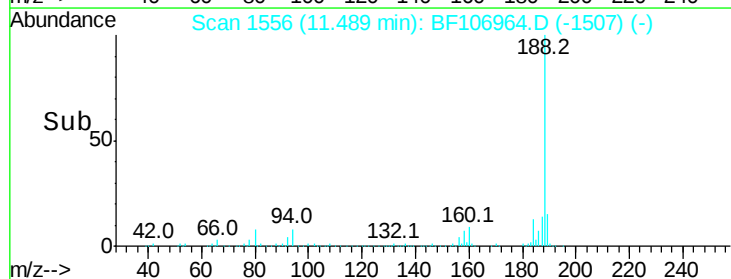
80 8.0 9.2 13.8#

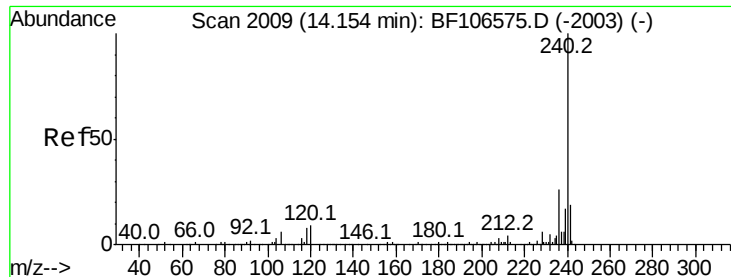


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BF106964.D

Acq: 29 Jun 2018 11:19

Instrument :

BNA_F

ClientSampleId :

TP-3-GW

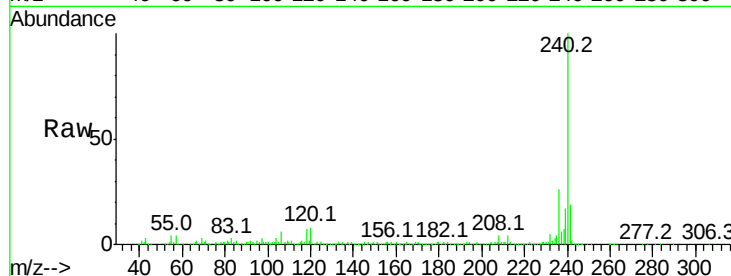
Tot Ion:240 Resp: 215443

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

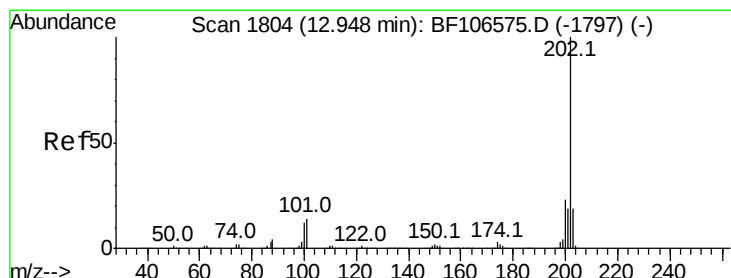
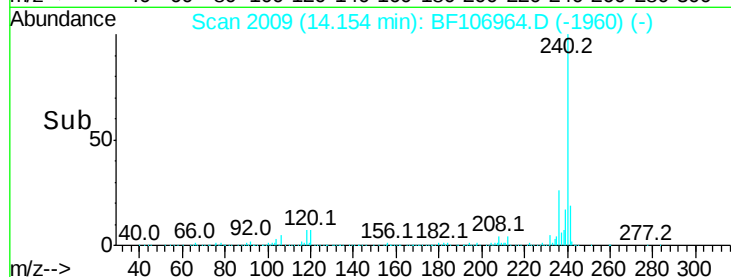
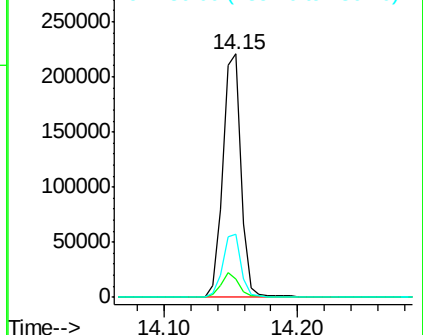
236 25.8 20.7 31.1



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



#77

Pyrene

Concen: 2.016 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106964.D

Acq: 29 Jun 2018 11:19

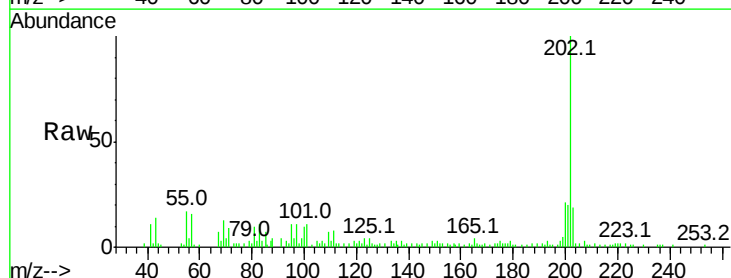
Tgt Ion:202 Resp: 28642

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

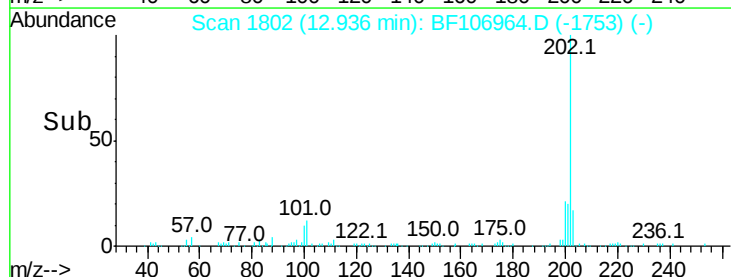
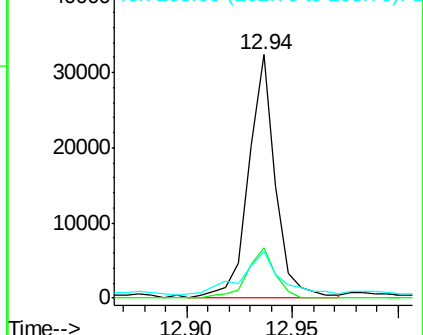
203 19.1 14.3 21.5

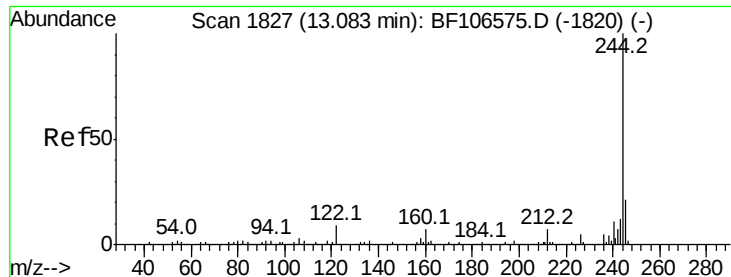


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 102.012 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106964.D

Acq: 29 Jun 2018 11:19

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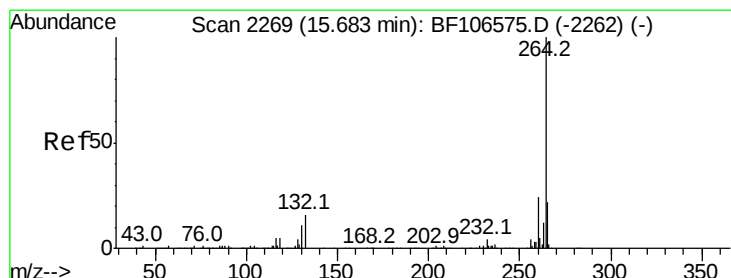
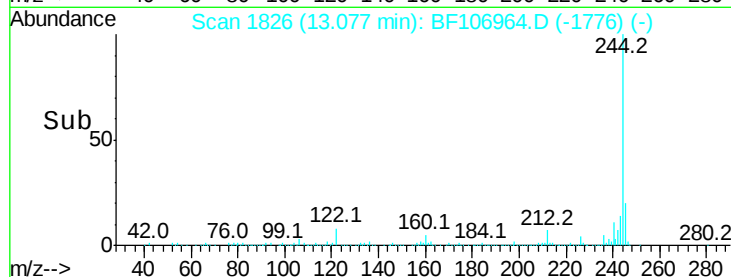
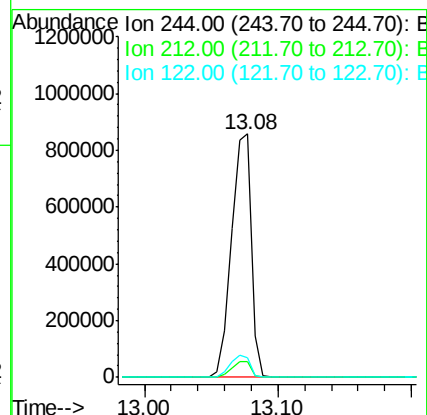
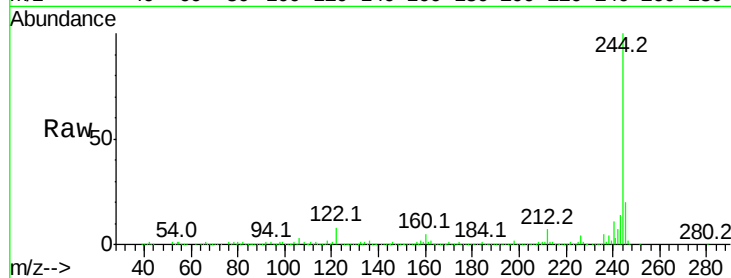
Tot Ion:244 Resp: 907309

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 7.8 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF106964.D

Acq: 29 Jun 2018 11:19

Tgt Ion:264 Resp: 198650

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.5 17.5 26.3

