

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105176.D
 Acq On : 9 May 2018 6:03
 Operator : JU/SJ
 Sample : J2759-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: May 09 12:09:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

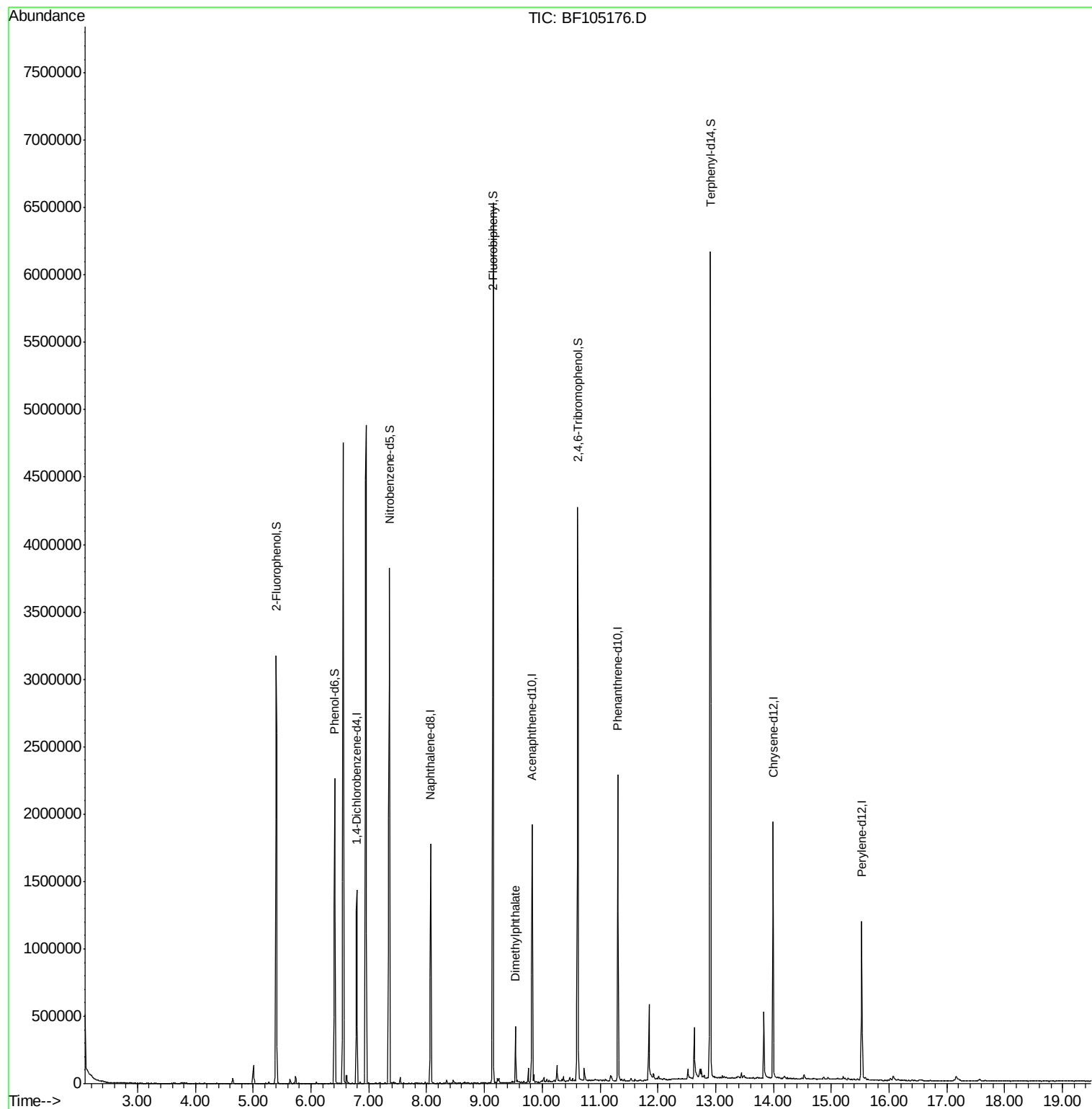
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	204117	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	793081	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	393827	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	755236	20.00	ng	0.00
75) Chrysene-d12	13.99	240	656915	20.00	ng	-0.02
86) Perylene-d12	15.53	264	554479	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	862368	69.60	ng	0.00
7) Phenol-d6	6.41	99	663581	44.98	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1368879	116.98	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	658151	151.47	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2379162	93.76	ng	0.00
78) Terphenyl-d14	12.91	244	2528621	89.41	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	132333	4.963	ng	100

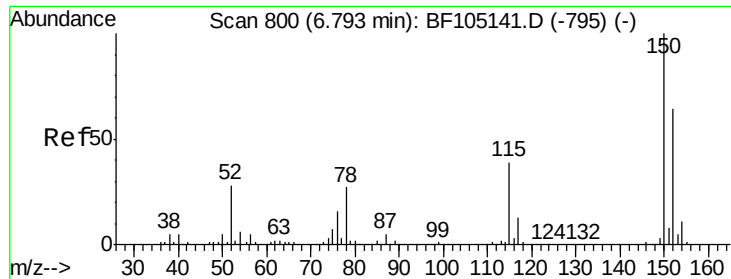
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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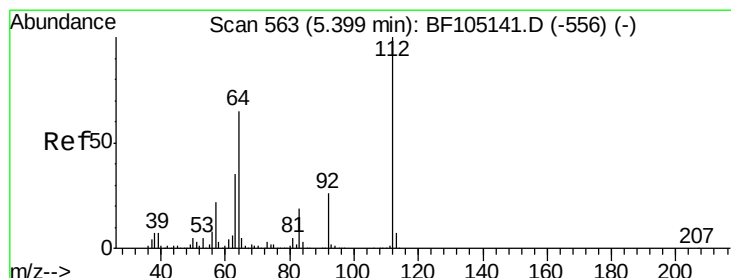
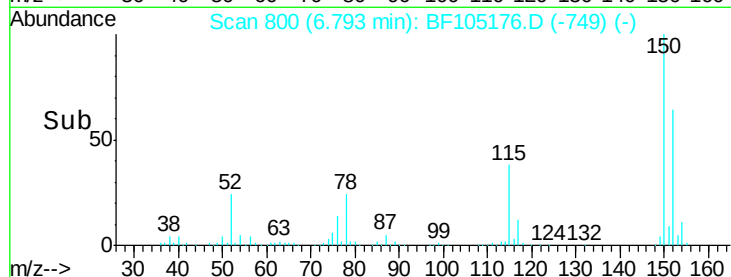
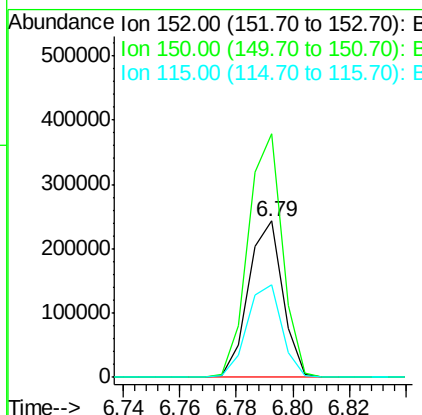
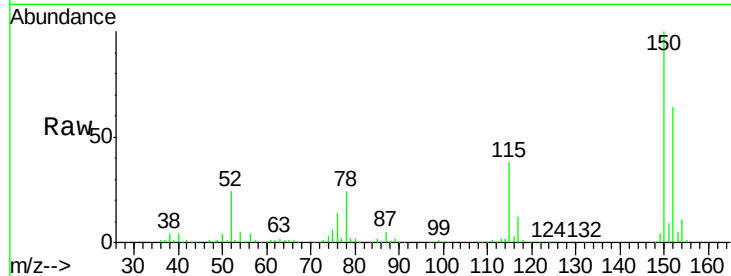


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105176.D
Acq: 9 May 2018 6:03

Instrument :
BNA_F
ClientSampled :
TP-2

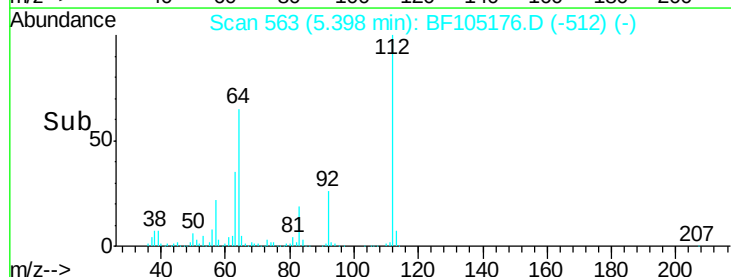
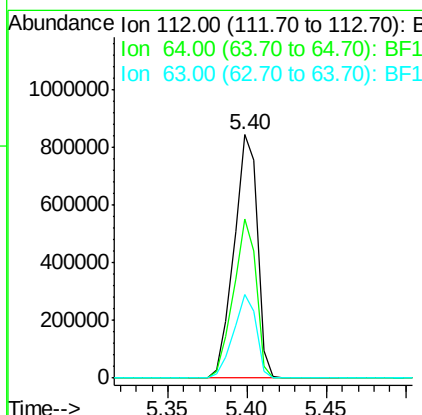
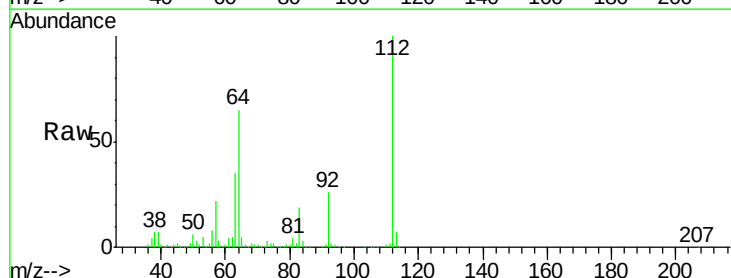
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	59.5	50.1	75.1

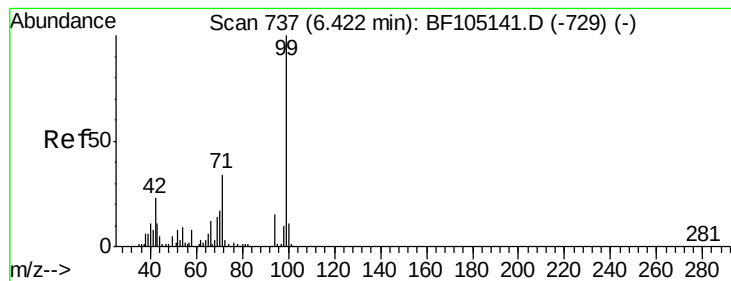


#5

2-Fluorophenol
Concen: 69.602 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105176.D
Acq: 9 May 2018 6:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	47.9	71.9
63	34.6	23.7	35.5





#7

Phenol-d6

Concen: 44.980 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA_F

ClientSampled :

TP-2

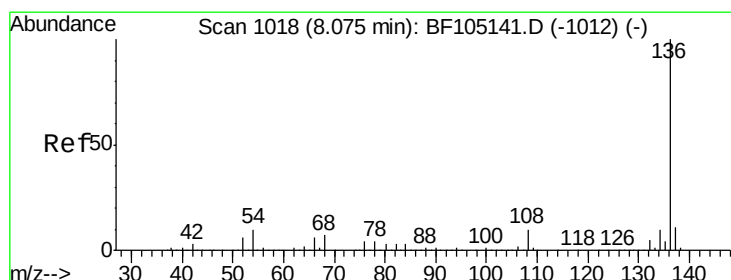
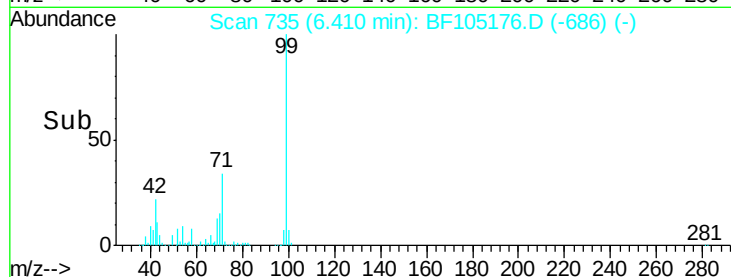
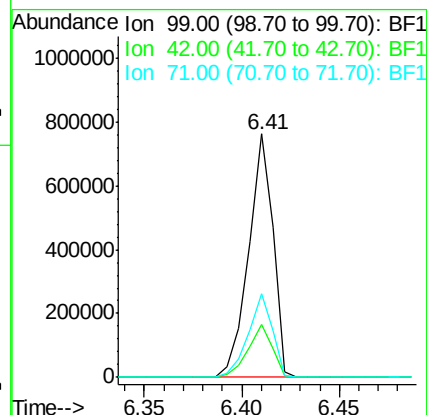
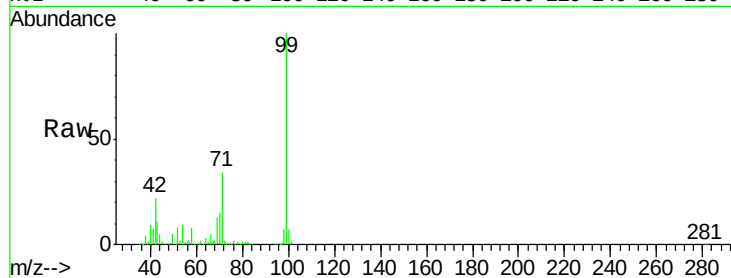
Tot Ion: 99 Resp: 663581

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

71 34.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Tgt Ion: 136 Resp: 793081

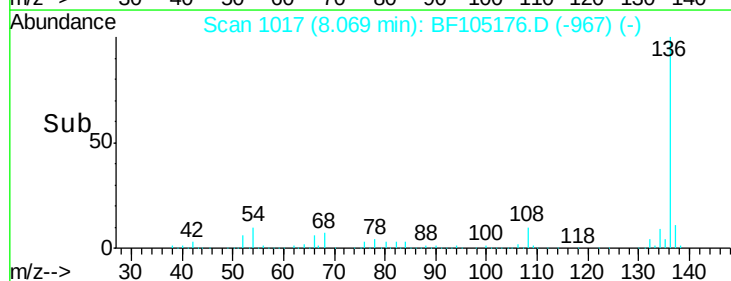
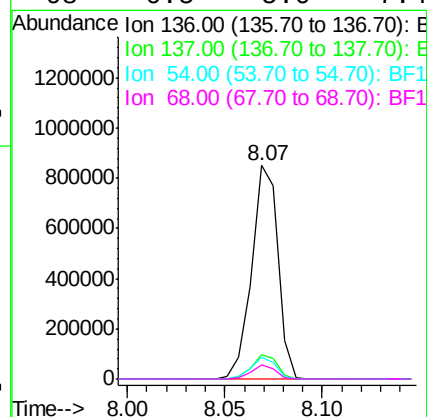
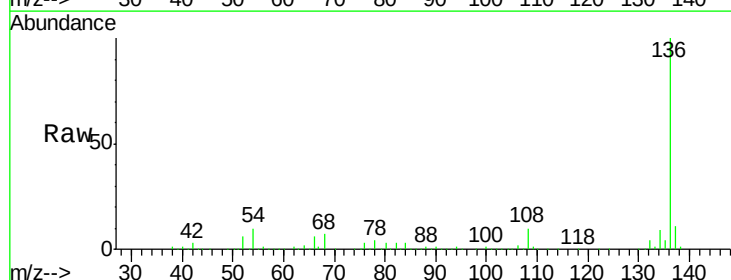
Ion Ratio Lower Upper

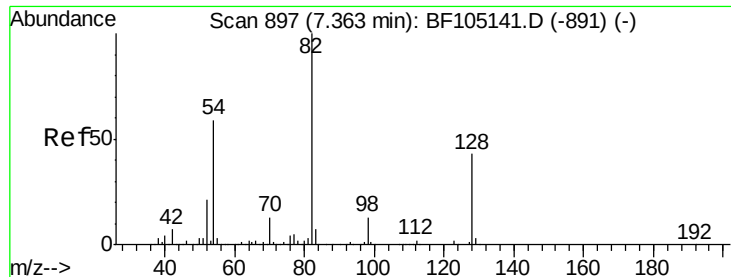
136 100

137 11.2 8.9 13.3

54 10.4 6.6 9.8#

68 6.5 5.0 7.4



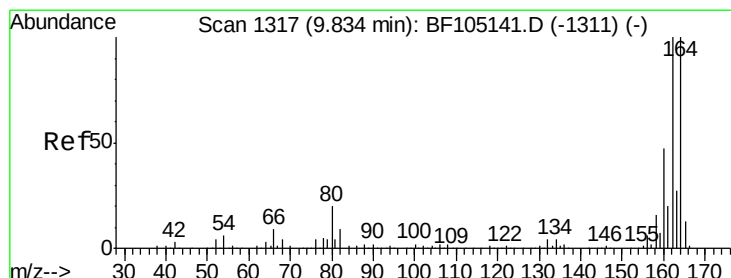
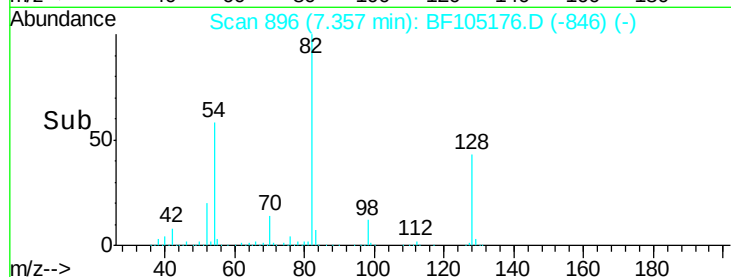
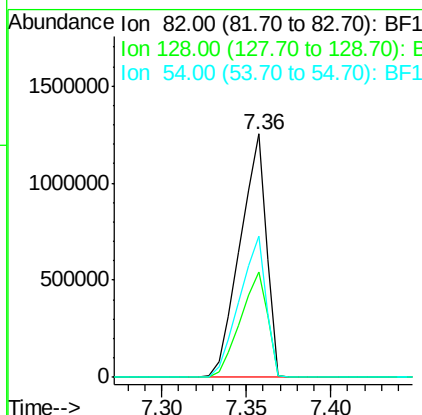
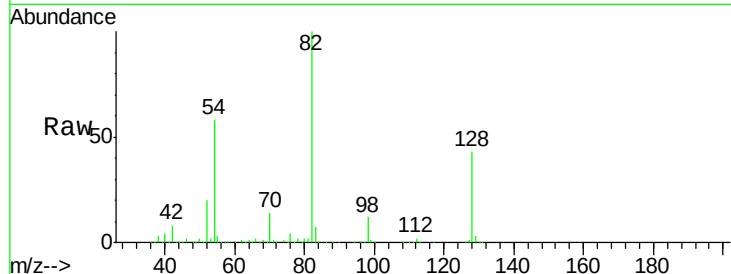


#23
 Nitrobenzene-d5
 Concen: 116.979 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105176.D
 Acq: 9 May 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion: 82 Resp: 1368879

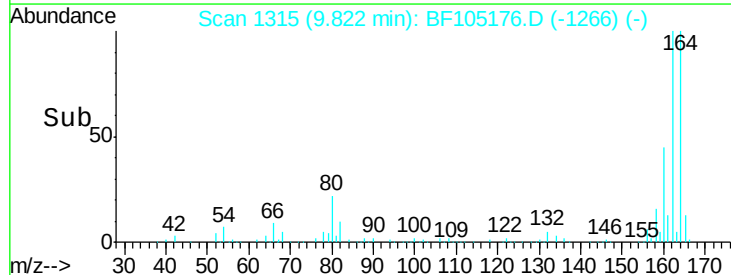
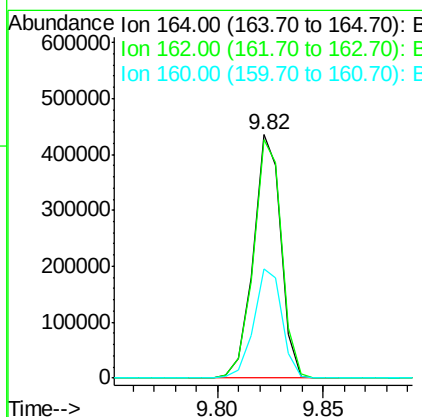
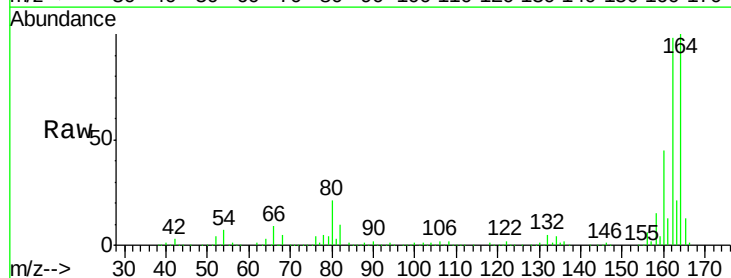
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	58.2	41.4	62.2

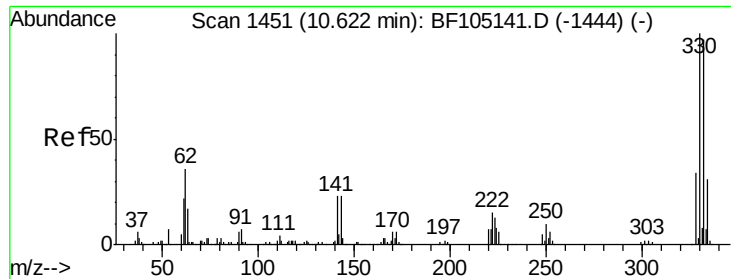


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105176.D
 Acq: 9 May 2018 6:03

Tgt Ion: 164 Resp: 393827

Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	44.6	38.3	57.5

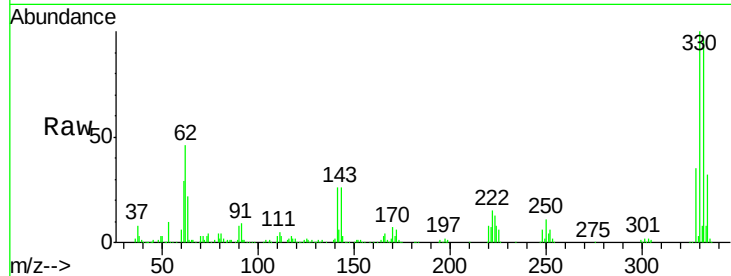




#41
 2,4,6-Tribromophenol
 Concen: 151.473 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105176.D
 Acq: 9 May 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	26.2	29.9	44.9#

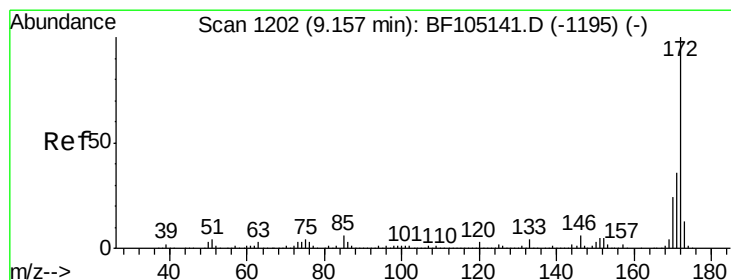
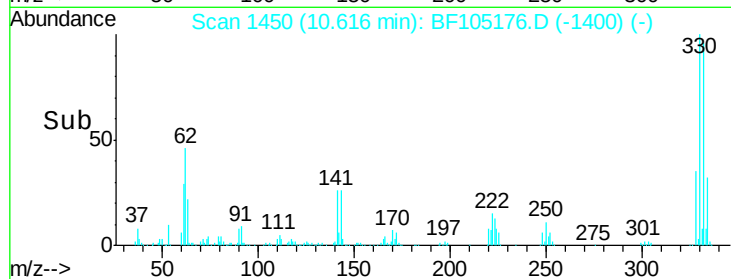
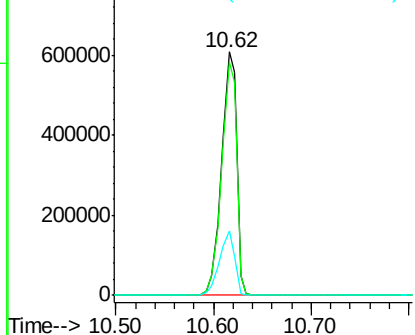


Abundance

Ion 329.80 (329.50 to 330.50): E

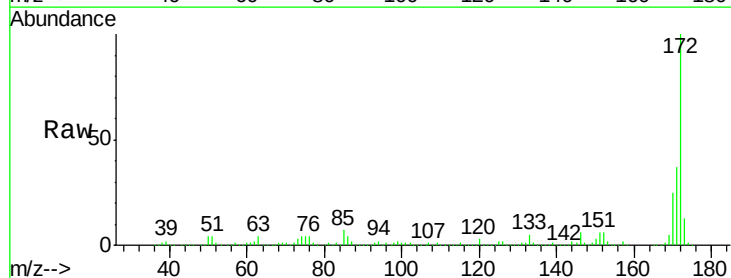
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.765 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105176.D
 Acq: 9 May 2018 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	19.6	29.4

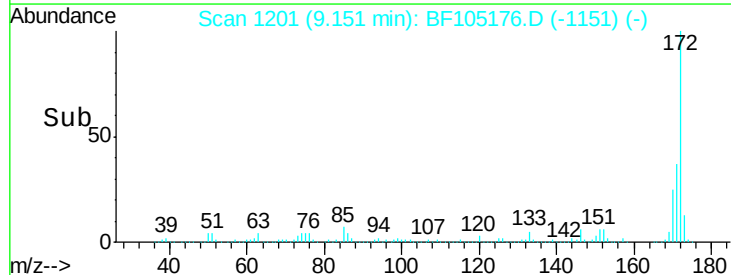
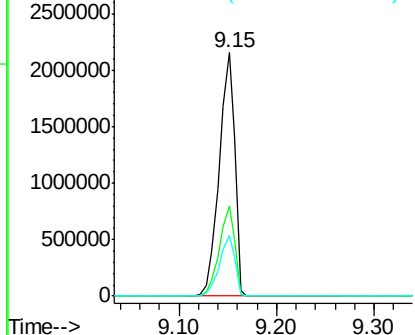


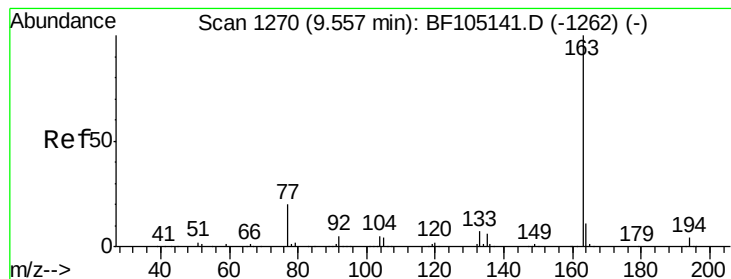
Abundance

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: 4.963 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TP-2

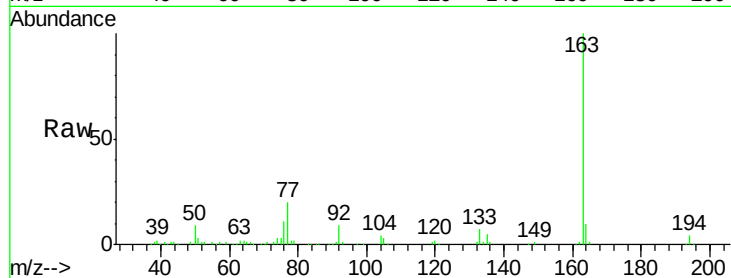
Tot Ion:163 Resp: 132333

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

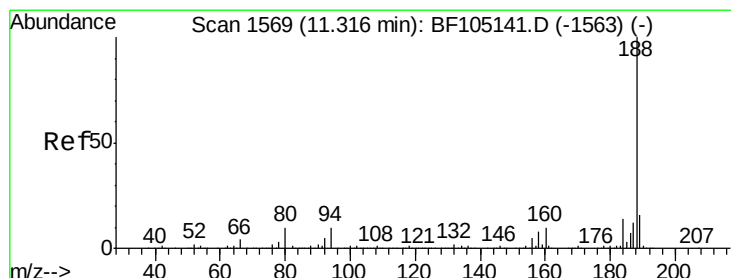
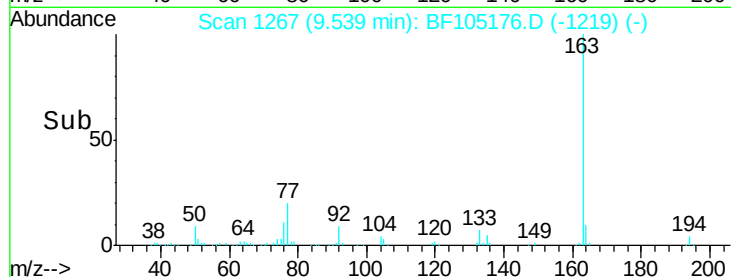
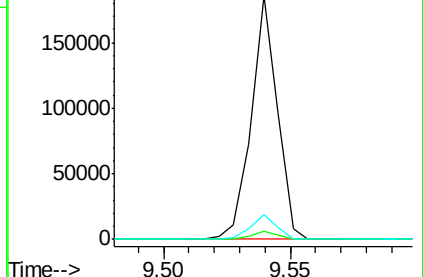
164 10.3 8.2 12.2



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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

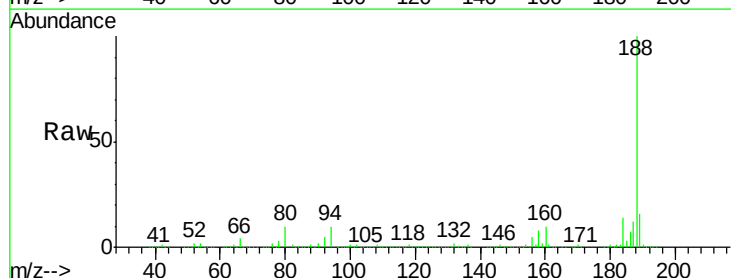
Tgt Ion:188 Resp: 755236

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

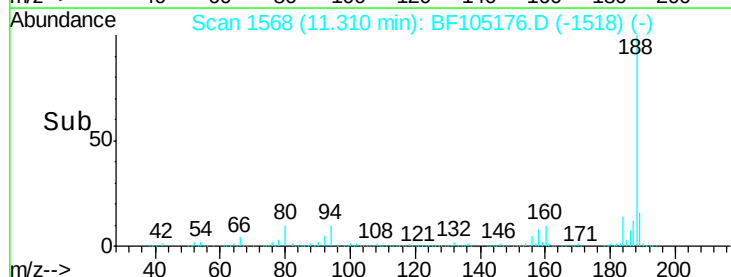
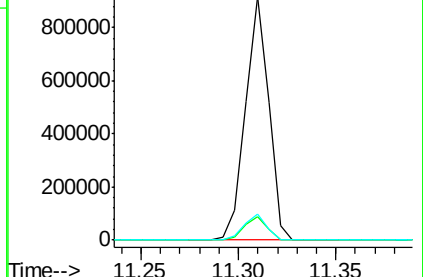
80 10.5 9.2 13.8

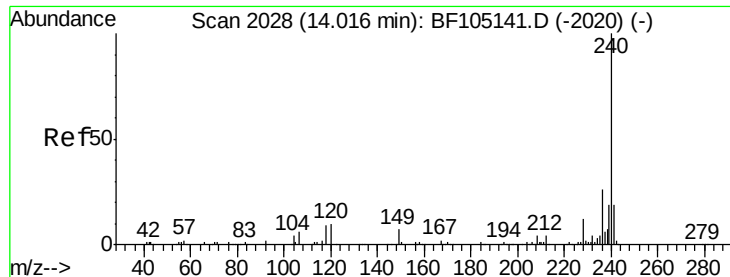


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TP-2

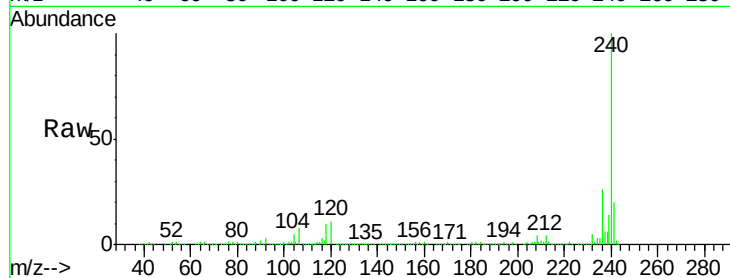
Tot Ion:240 Resp: 656915

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

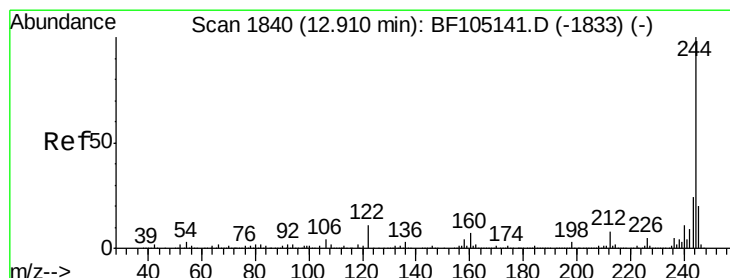
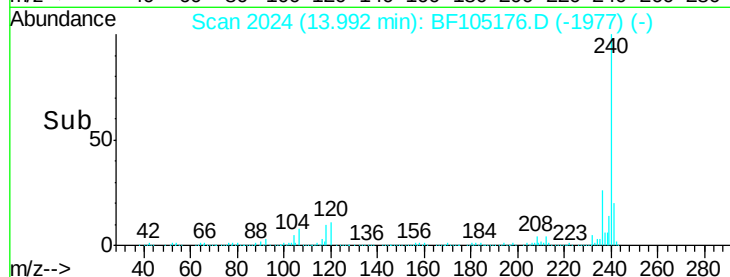
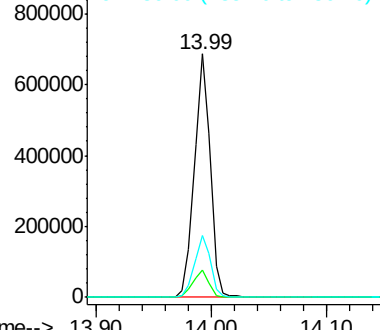
236 25.6 20.7 31.1



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: 89.412 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

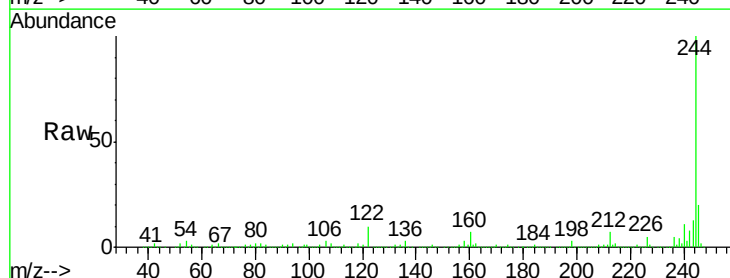
Tgt Ion:244 Resp: 2528621

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

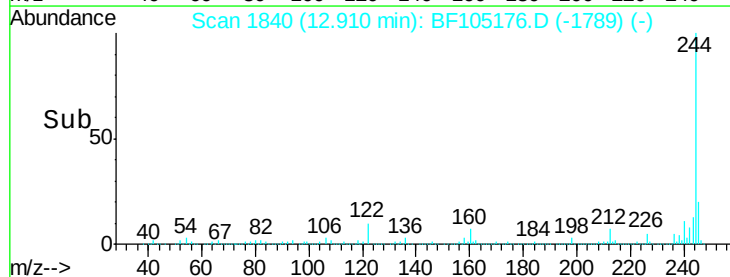
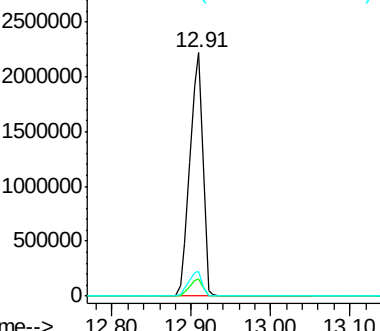
122 10.1 11.0 16.4#

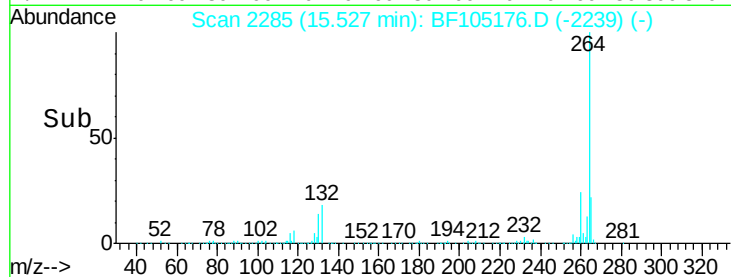
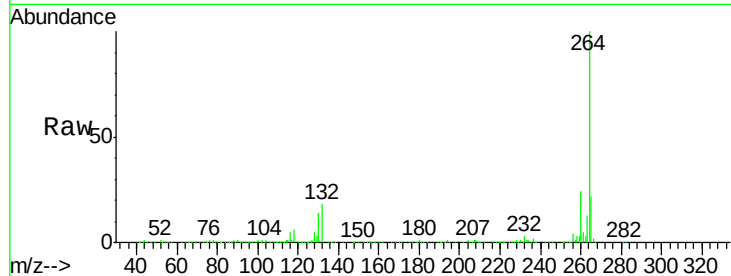
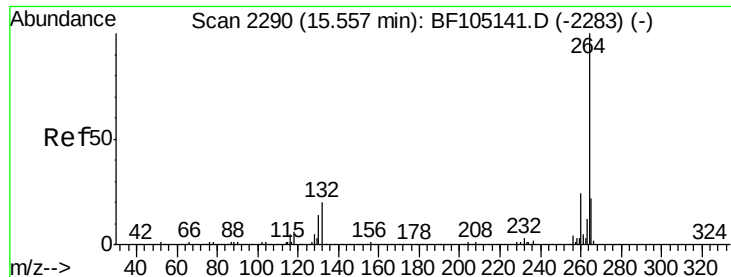


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.03 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA_F

ClientSampleId :

TP-2

Tot Ion:264 Resp: 554479

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.5 26.3

