

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104663.D
 Acq On : 20 Apr 2018 7:52
 Operator : JU/SJ
 Sample : J2447-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-TP-5

Quant Time: Apr 20 08:49:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

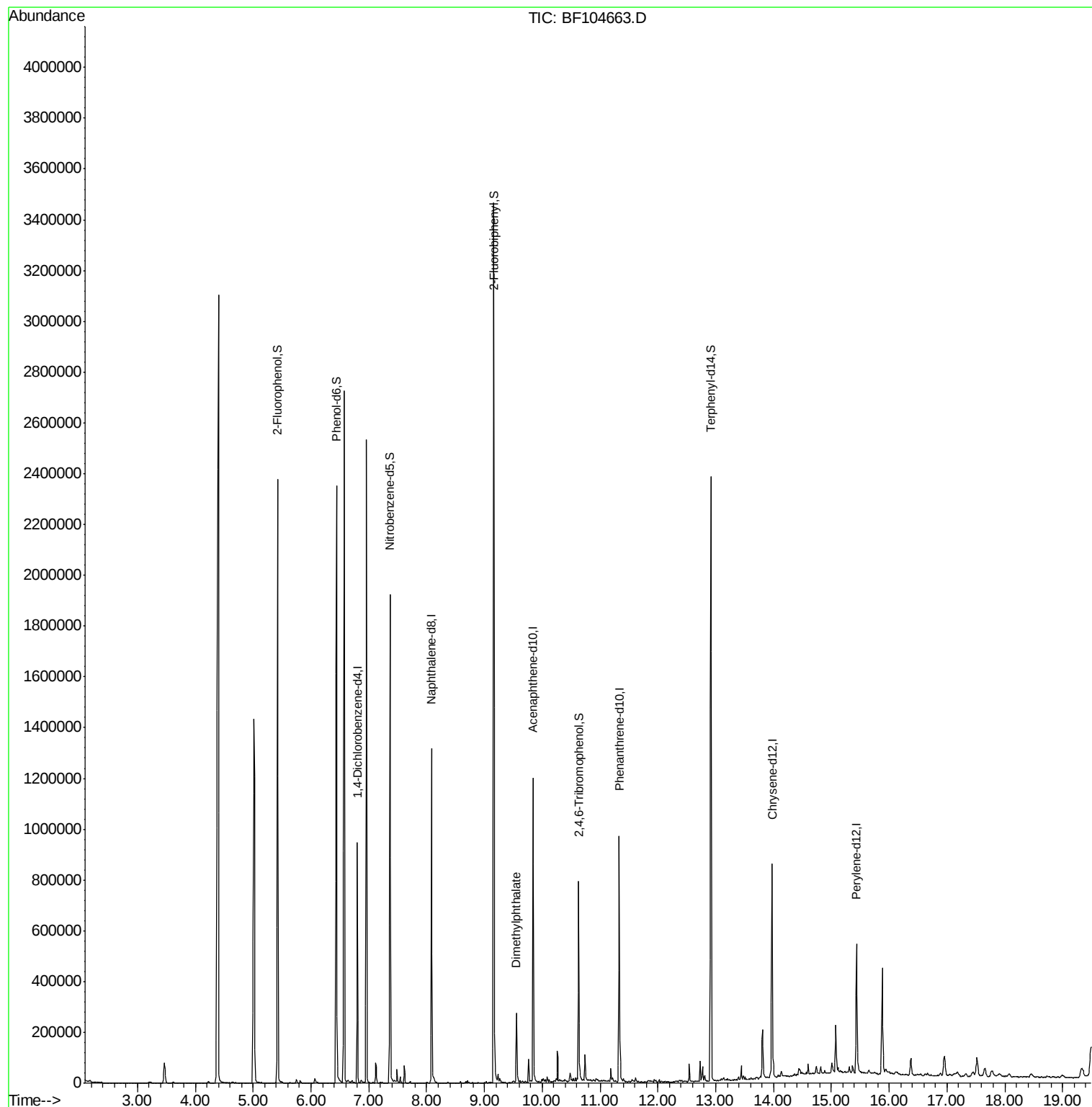
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143757	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	574438	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	238582	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	344795	20.00	ng	0.00
75) Chrysene-d12	13.97	240	291069	20.00	ng	-0.01
86) Perylene-d12	15.43	264	231182	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	666471	70.89	ng	0.00
7) Phenol-d6	6.44	99	966138	83.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	642351	73.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	105158	42.49	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1122678	74.34	ng	0.00
78) Terphenyl-d14	12.92	244	820487	64.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	123699	6.575	ng	Qvalue 99

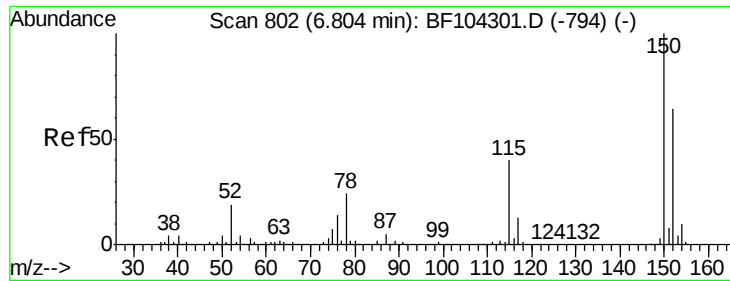
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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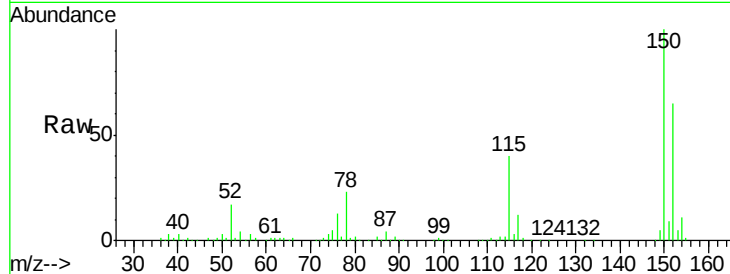


#1

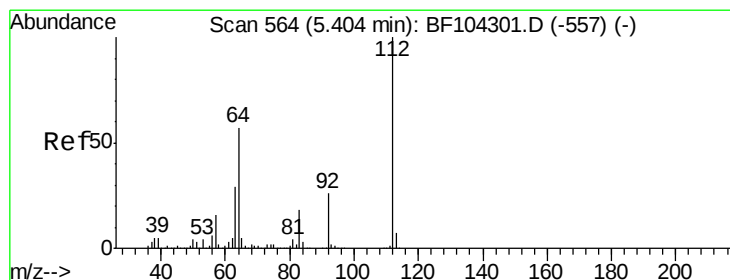
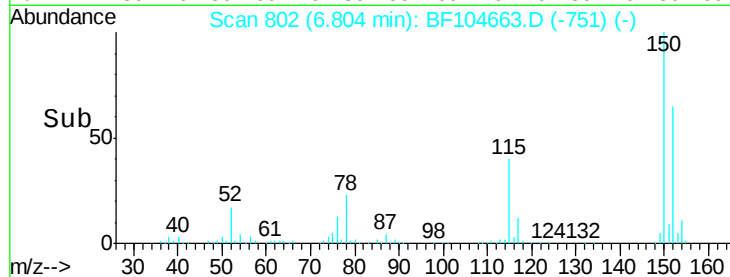
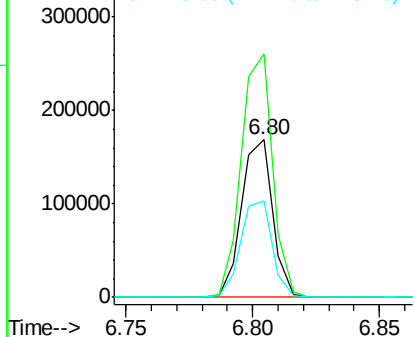
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104663.D
Acq: 20 Apr 2018 7:52

Instrument :
BNA_F
ClientSampleId :
DB-TP-5

Tot Ion:152 Resp: 143757
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 61.1 50.1 75.1



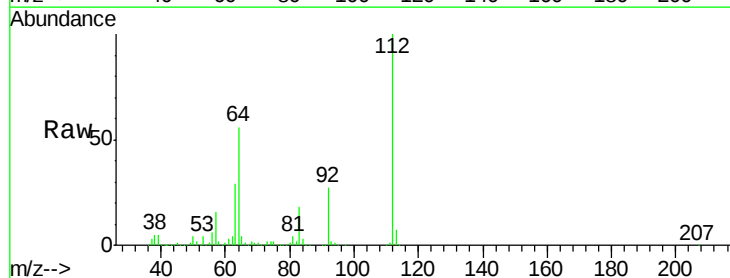
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



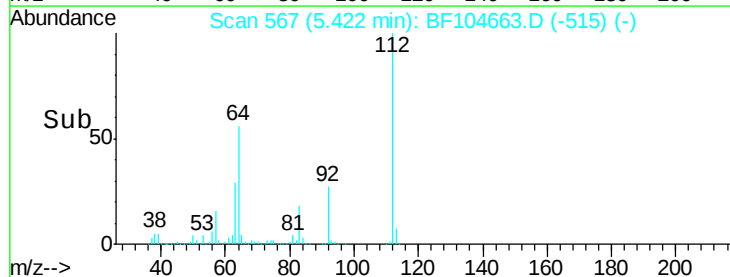
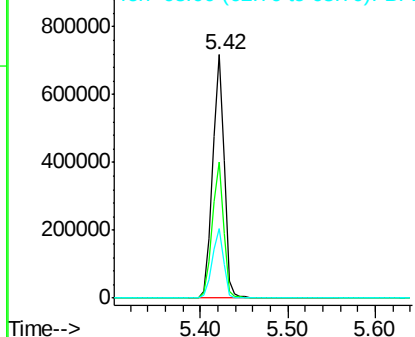
#5

2-Fluorophenol
Concen: 70.888 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104663.D
Acq: 20 Apr 2018 7:52

Tgt Ion:112 Resp: 666471
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.6 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: 83.637 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

Instrument :

BNA_F

ClientSampleId :

DB-TP-5

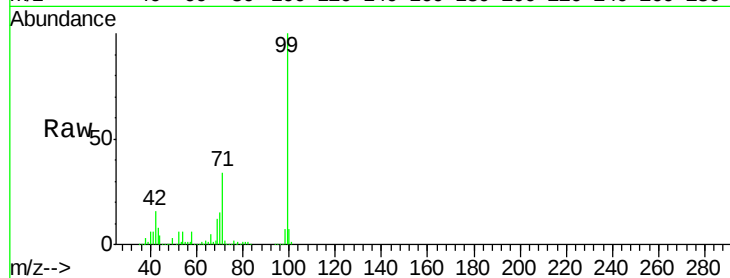
Tot Ion: 99 Resp: 966138

Ion Ratio Lower Upper

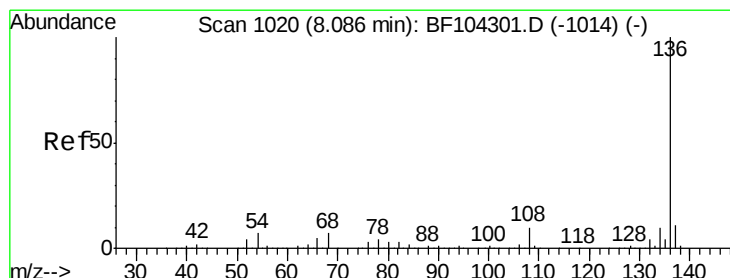
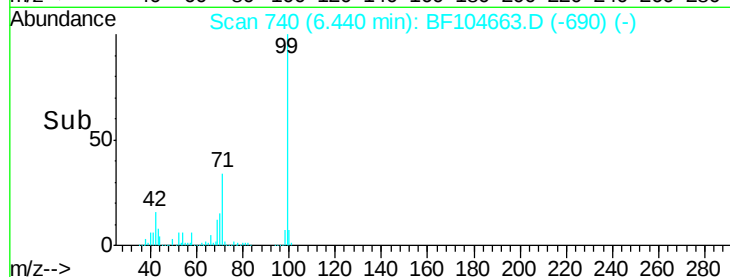
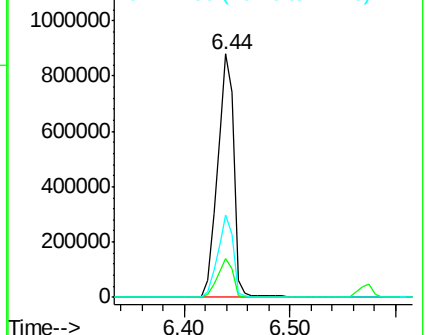
99 100

42 16.2 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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

Tgt Ion: 136 Resp: 574438

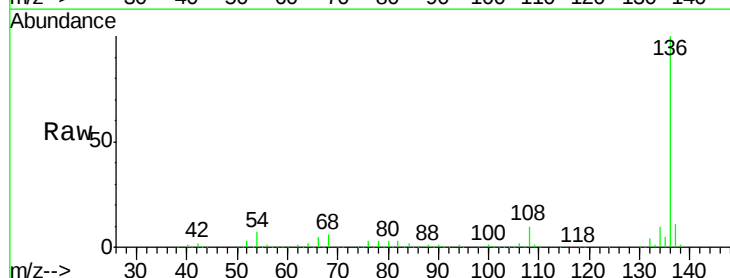
Ion Ratio Lower Upper

136 100

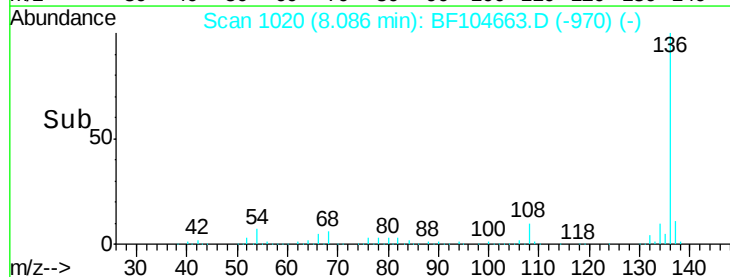
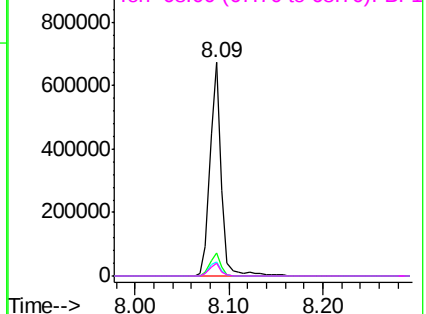
137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4



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

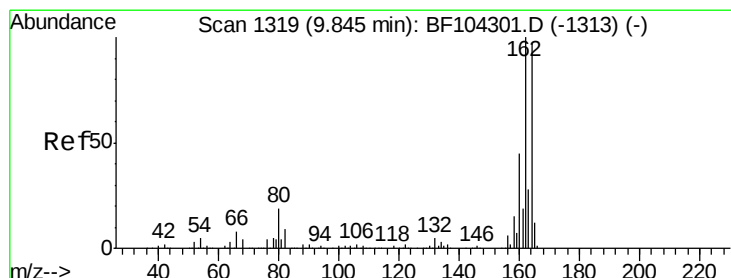
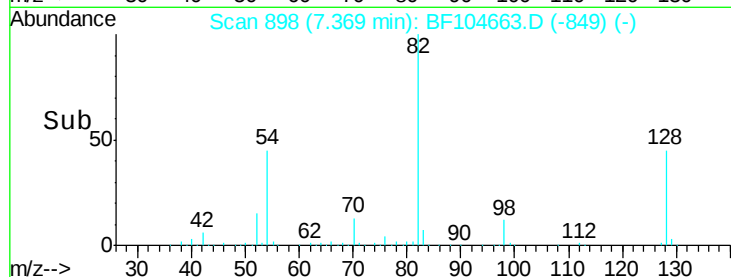
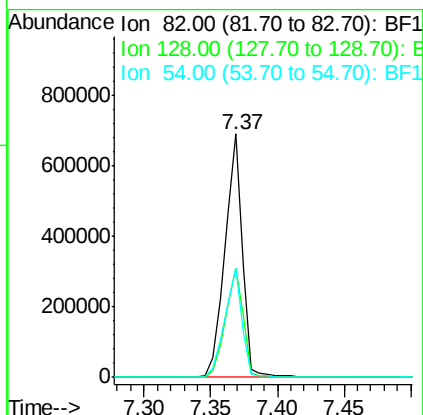
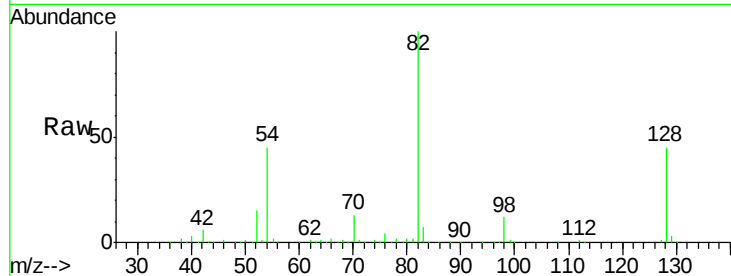




#23
 Nitrobenzene-d5
 Concen: 73.018 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

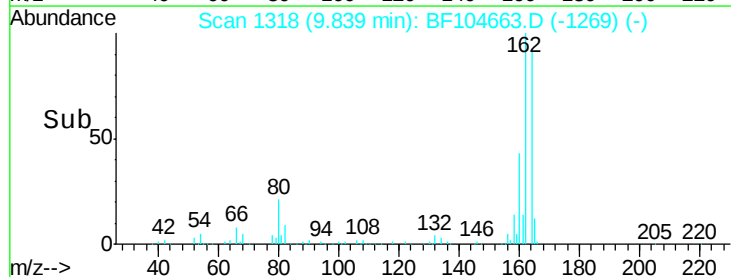
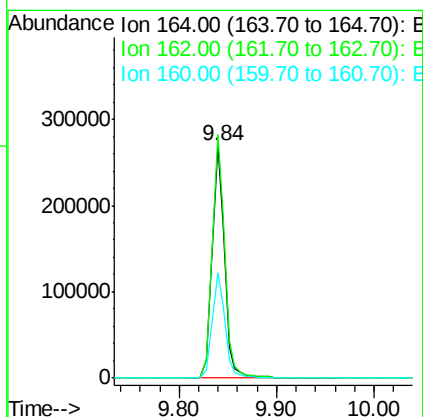
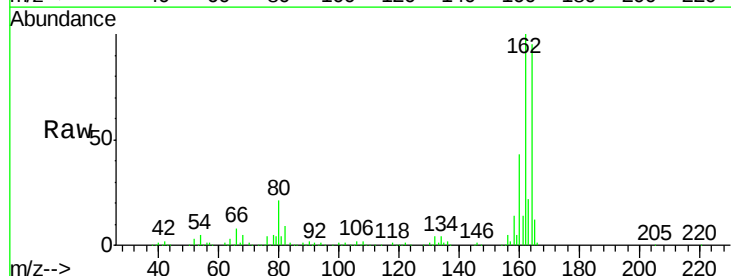
Instrument :
 BNA_F
 ClientSampled :
 DB-TP-5

Tot Ion: 82 Resp: 642351
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 44.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Tgt Ion: 164 Resp: 238582
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 45.2 38.3 57.5

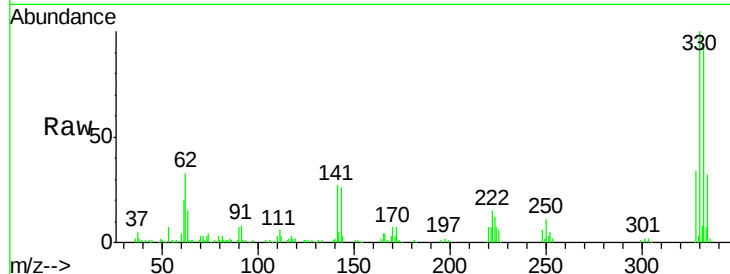




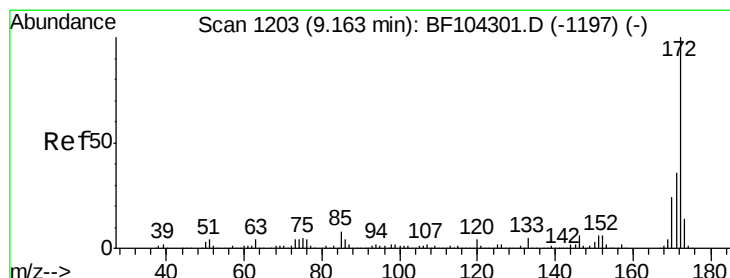
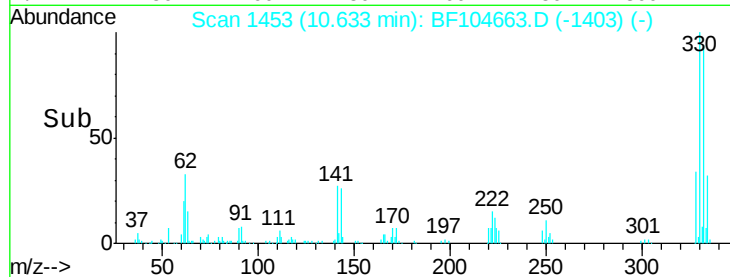
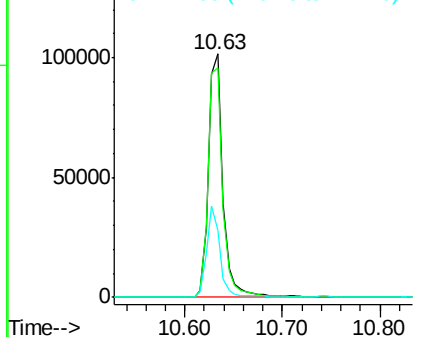
#41
 2,4,6-Tribromophenol
 Concen: 42.490 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 DB-TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.6	29.9	44.9

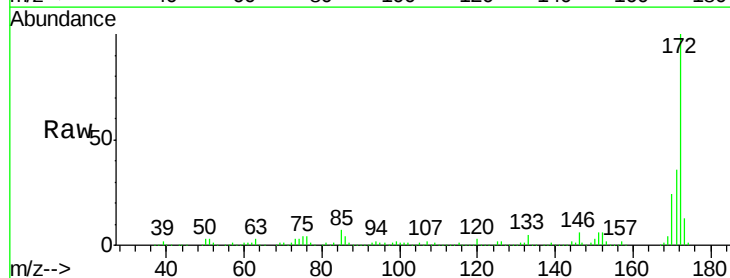


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

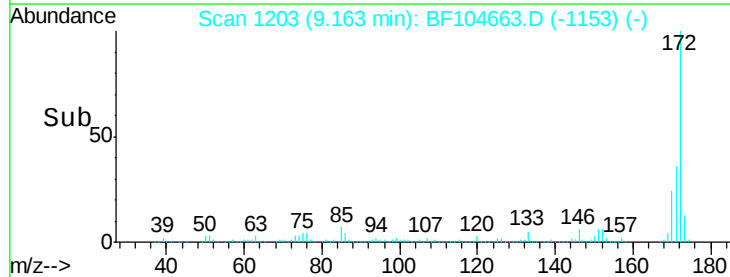
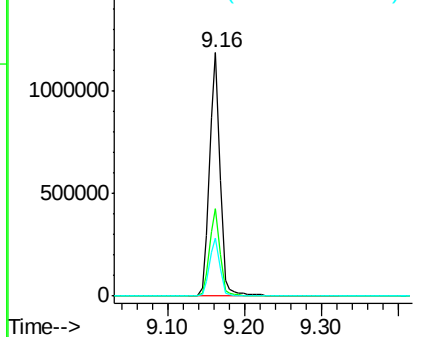


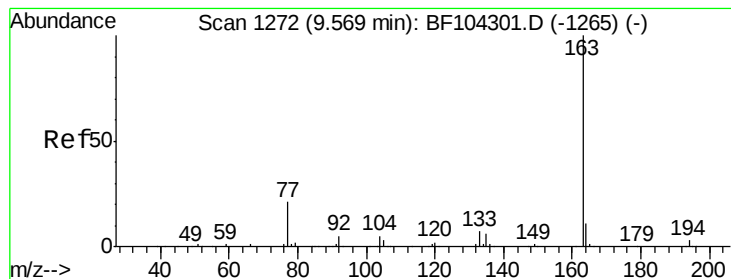
#44
 2-Fluorobiphenyl
 Concen: 74.337 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	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: 6.575 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

Instrument :

BNA_F

ClientSampleId :

DB-TP-5

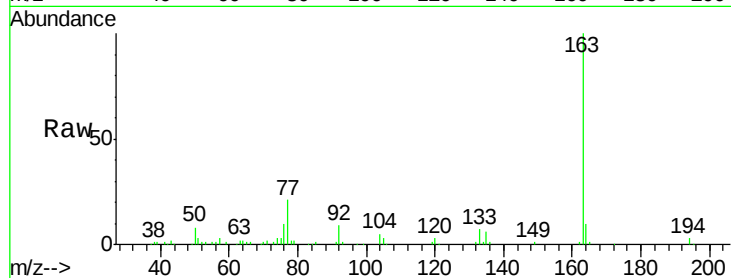
Tot Ion:163 Resp: 123699

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

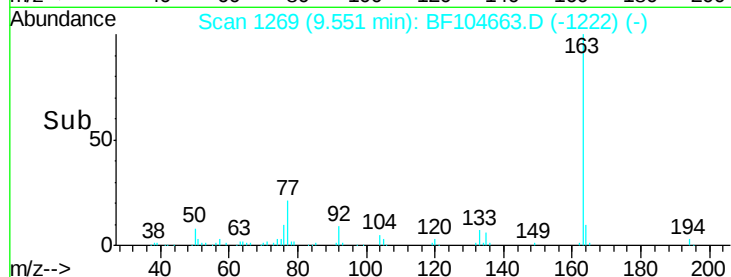
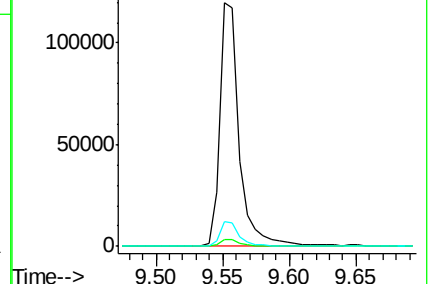
164 10.1 8.2 12.2



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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104663.D

Acq: 20 Apr 2018 7:52

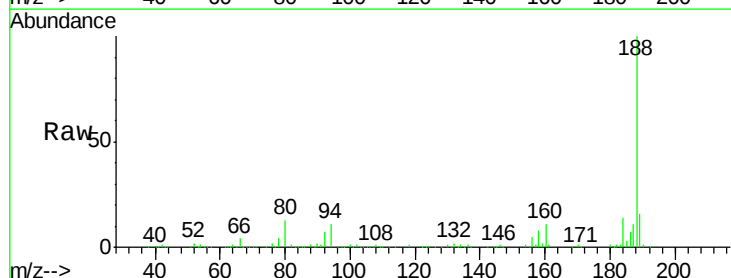
Tgt Ion:188 Resp: 344795

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

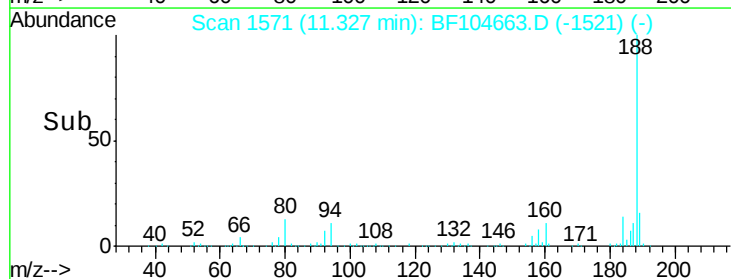
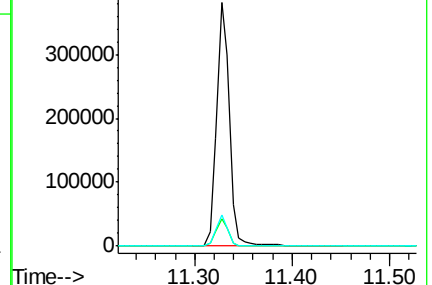
80 12.6 9.2 13.8

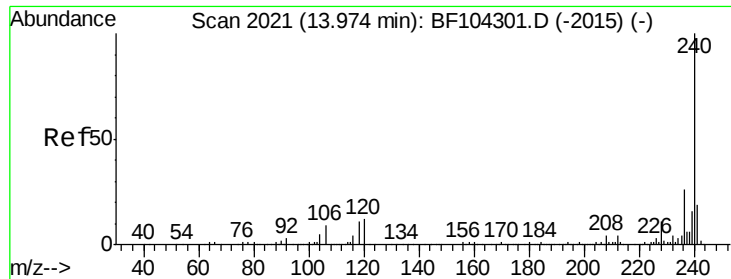


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

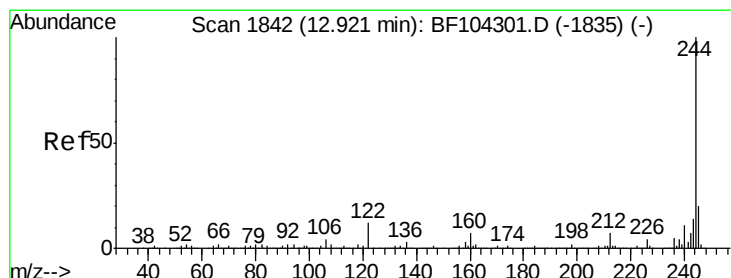
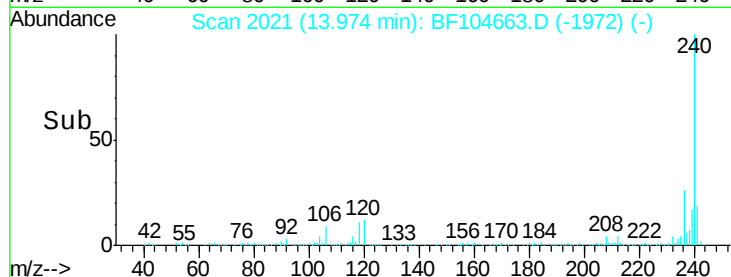
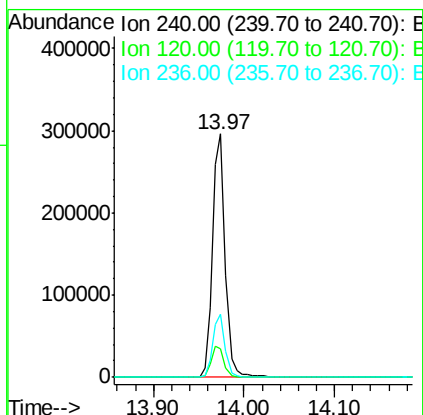
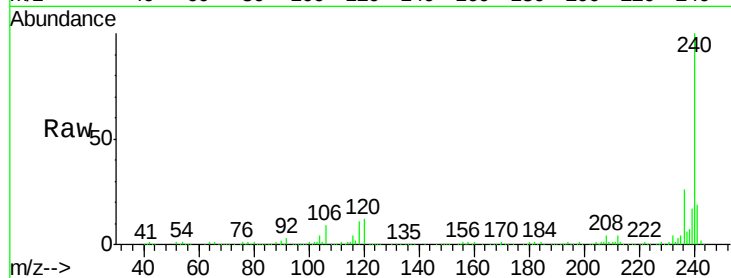




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

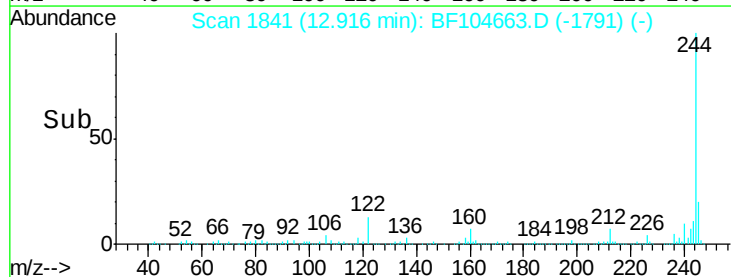
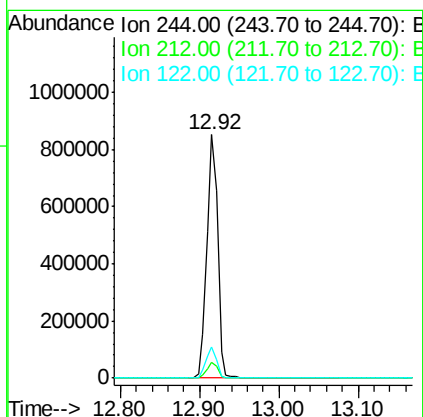
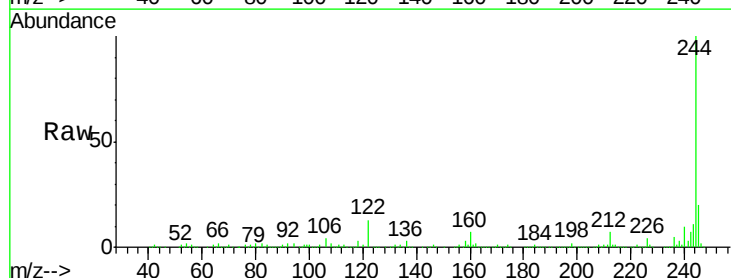
Instrument :
 BNA_F
 ClientSampleId :
 DB-TP-5

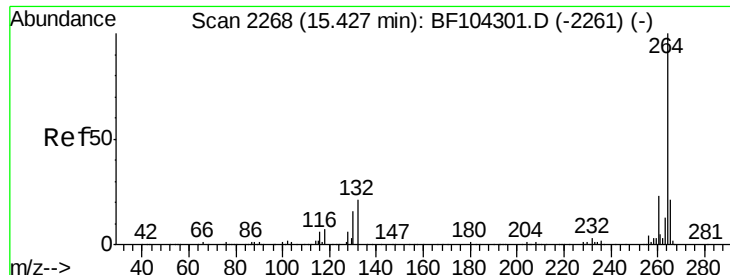
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.1	20.7	31.1



#78
 Terphenyl-d14
 Concen: 64.266 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4

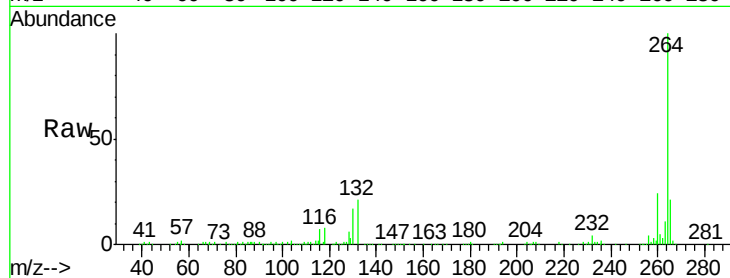




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104663.D
 Acq: 20 Apr 2018 7:52

Instrument :
 BNA_F
 ClientSampleId :
 DB-TP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.9	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

