

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098604.D
 Acq On : 18 Sep 2017 16:09
 Operator : SJ/JU
 Sample : PB102381BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

Quant Time: Sep 19 06:23:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	124533	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	540000	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	276187	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	555467	20.00	ng	0.00
75) Chrysene-d12	13.78	240	392787	20.00	ng	0.00
86) Perylene-d12	15.17	264	277355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	906916	107.67	ng	0.01
7) Phenol-d6	6.29	99	1135693	106.20	ng	0.00
23) Nitrobenzene-d5	7.21	82	1037700	107.13	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	294091	159.54	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1980187	121.52	ng	0.00
78) Terphenyl-d14	12.74	244	2089303	114.81	ng	0.00

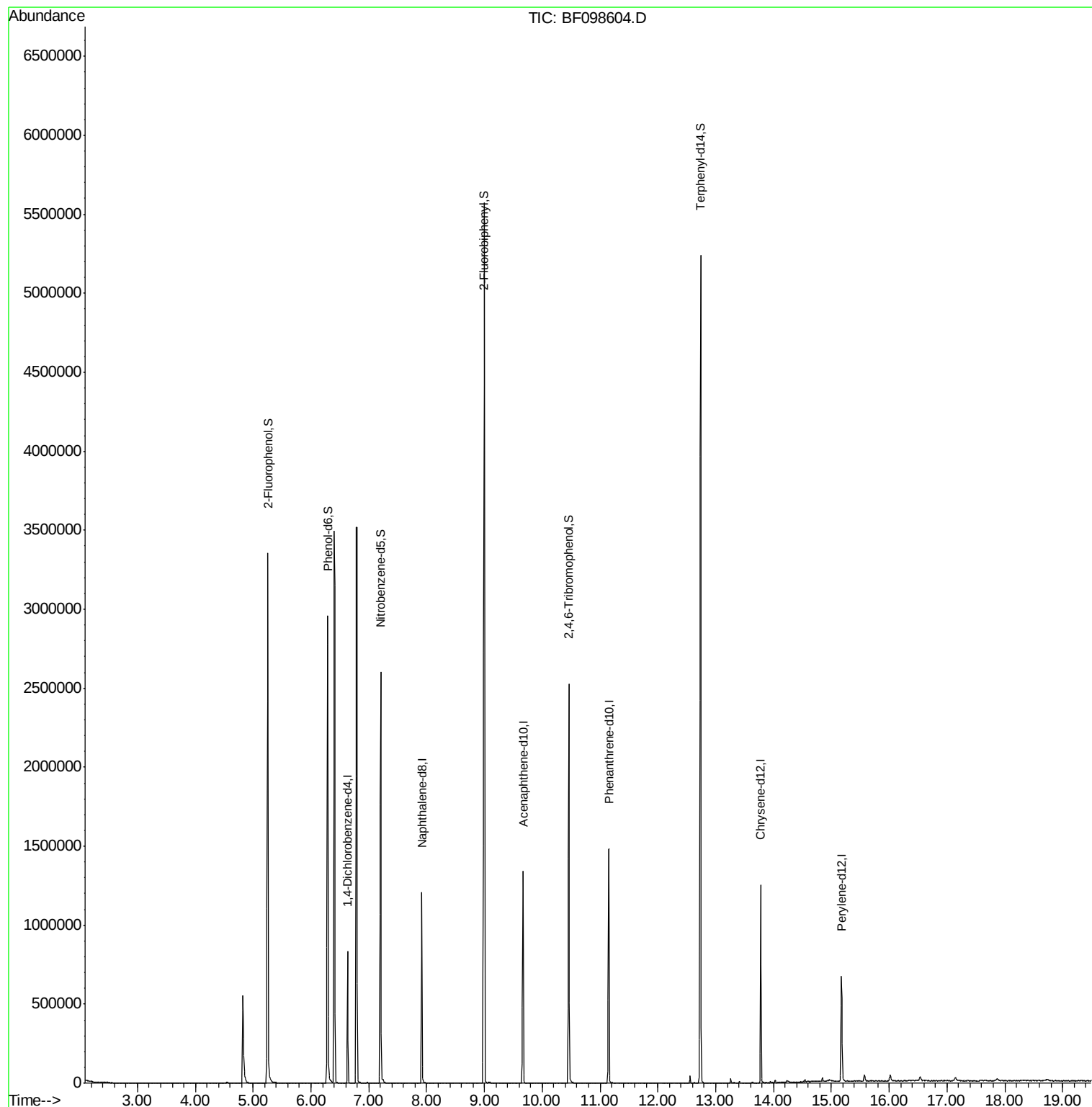
Target Compounds Qvalue

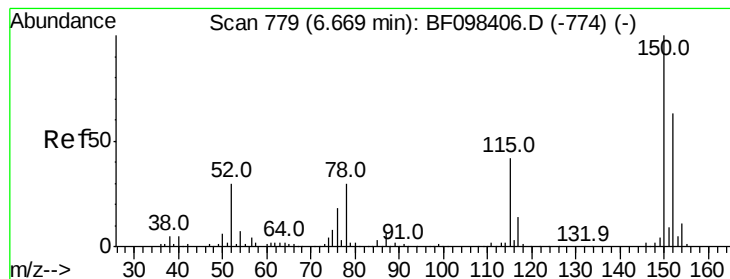
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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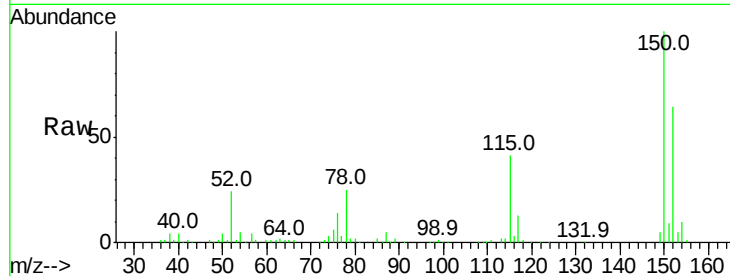


#1

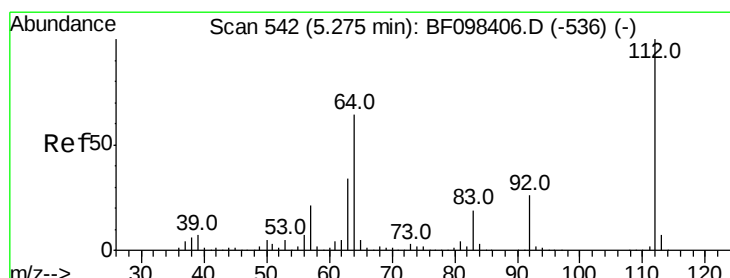
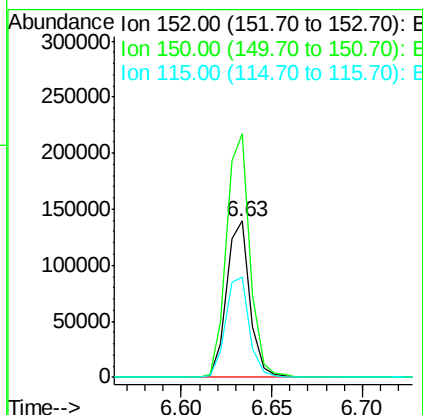
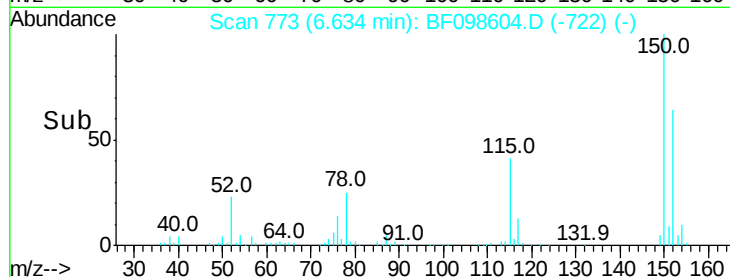
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098604.D
Acq: 18 Sep 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PB102381BL

Tot Ion:152 Resp: 124533
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 64.5 52.2 78.2



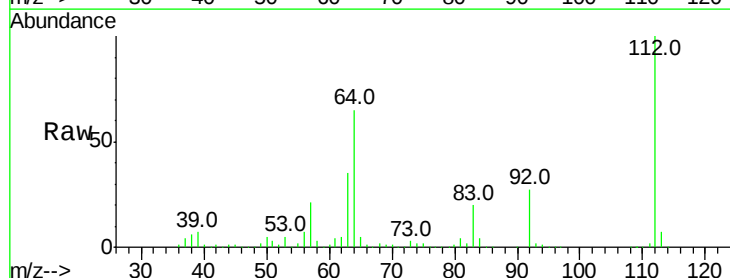
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



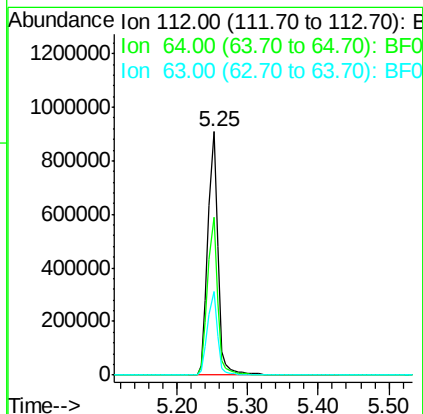
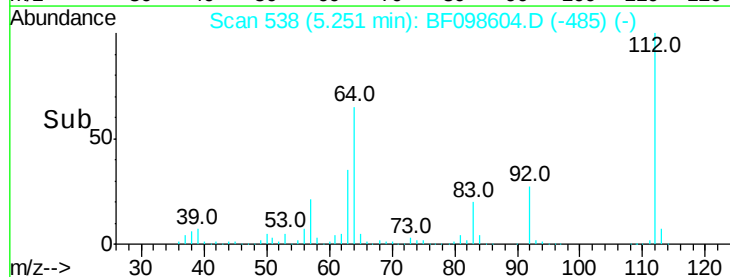
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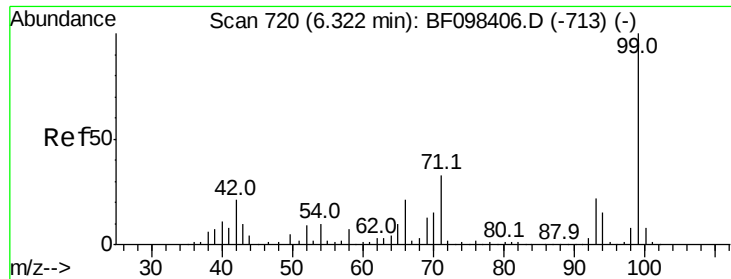
2-Fluorophenol
Concen: 107.674 ng
RT: 5.25 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF098604.D
Acq: 18 Sep 2017 16:09

Tgt Ion:112 Resp: 906916
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 34.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.198 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098604.D

Acq: 18 Sep 2017 16:09

Instrument :

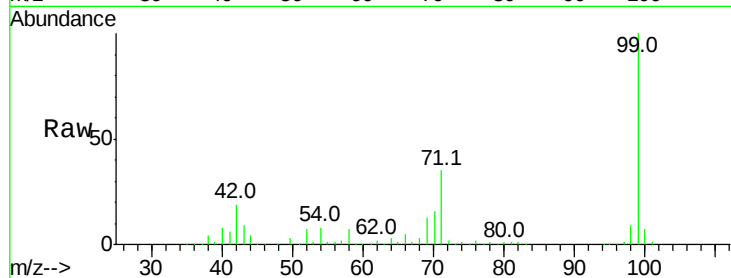
BNA_F

ClientSampleId :

PB102381BL

Tot Ion: 99 Resp: 1135693

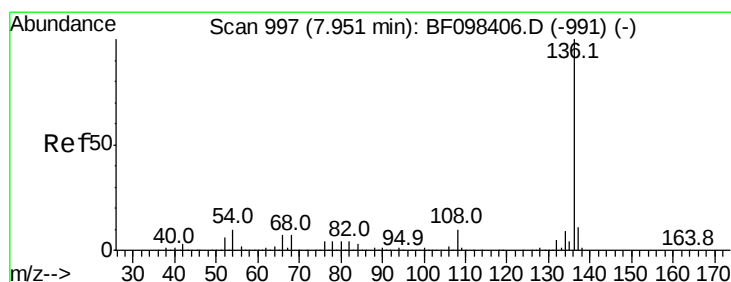
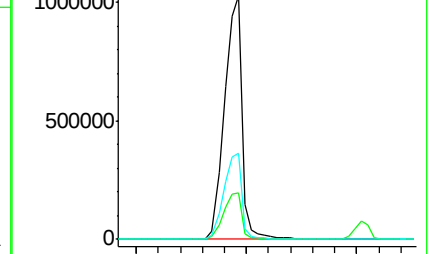
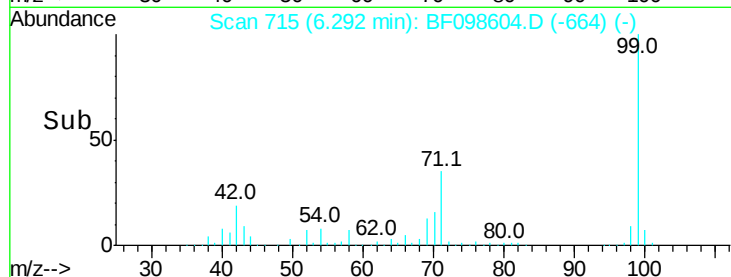
Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.5	20.3
71	35.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

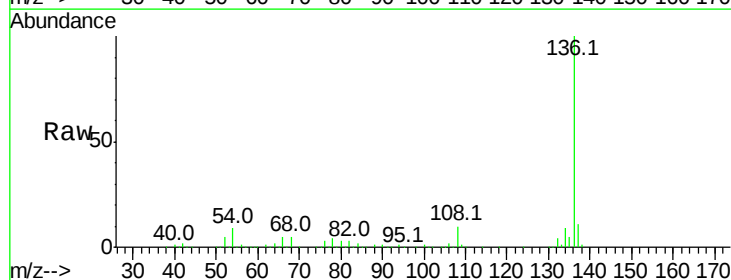
Delta R.T. -0.01 min

Lab File: BF098604.D

Acq: 18 Sep 2017 16:09

Tgt Ion: 136 Resp: 540000

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.1	4.9	7.3#
68	4.8	4.1	6.1

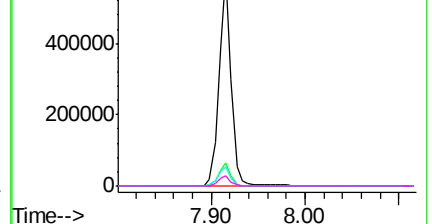
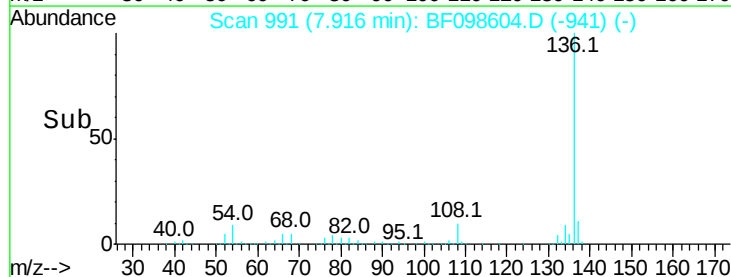


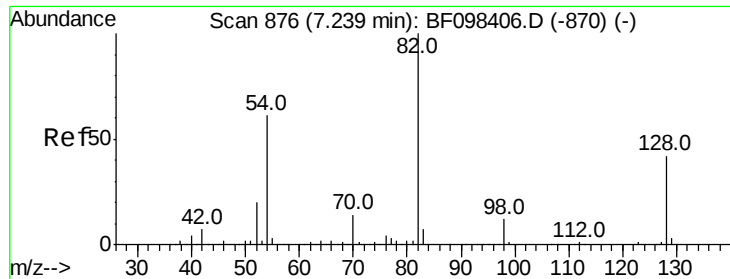
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

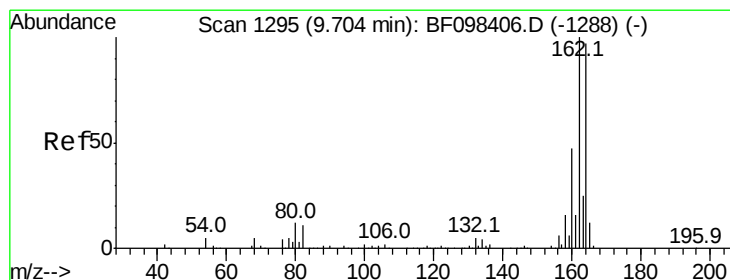
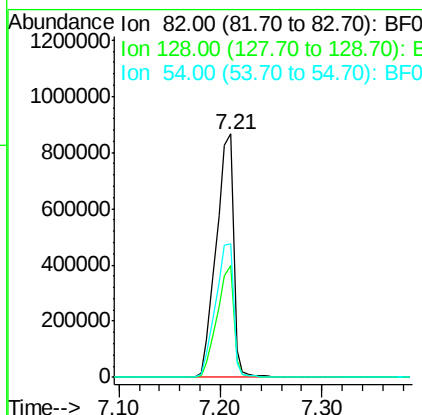
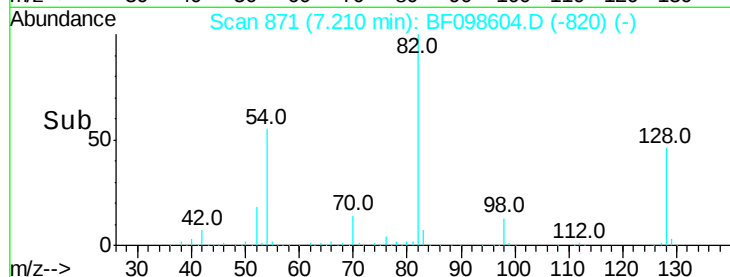
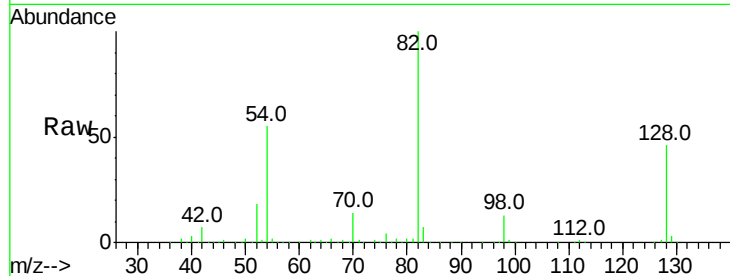




#23
Nitrobenzene-d5
Concen: 107.132 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF098604.D
Acq: 18 Sep 2017 16:09

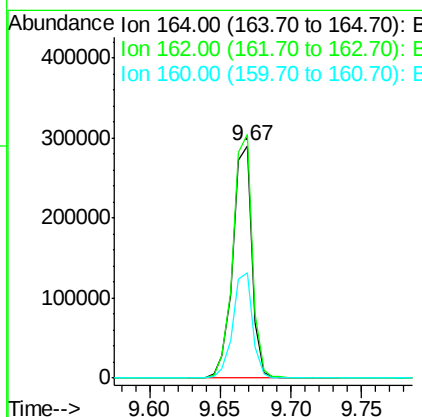
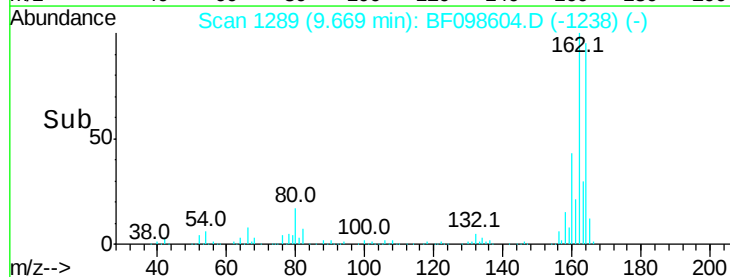
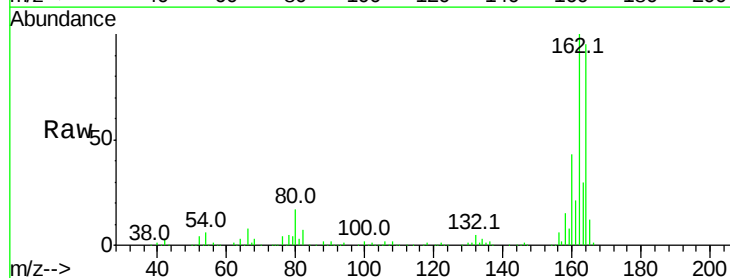
Instrument :
BNA_F
ClientSampleId :
PB102381BL

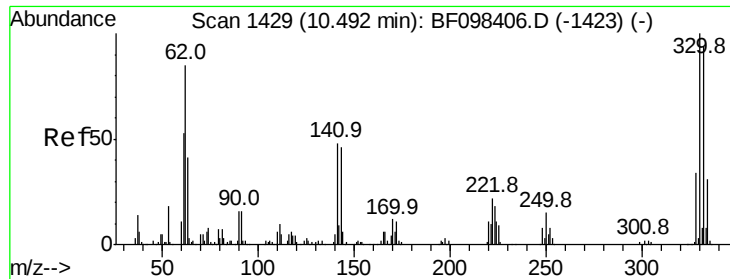
Tot Ion: 82 Resp: 1037700
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 54.7 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098604.D
Acq: 18 Sep 2017 16:09

Tgt Ion:164 Resp: 276187
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 45.6 36.2 54.2

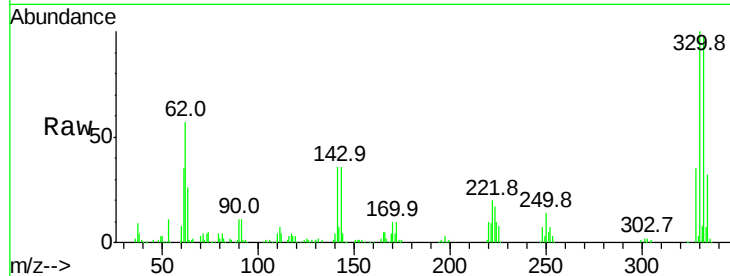




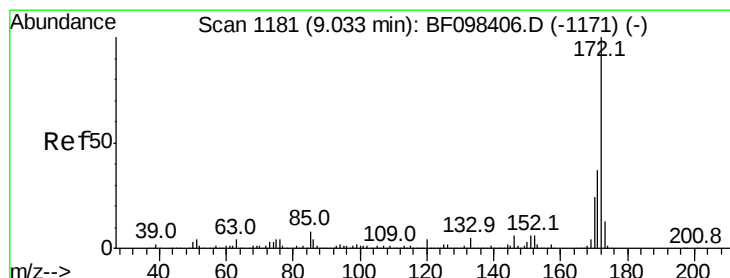
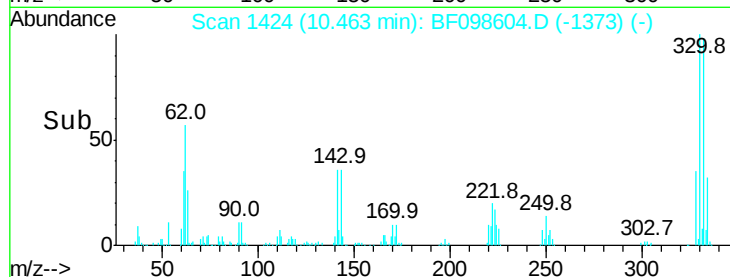
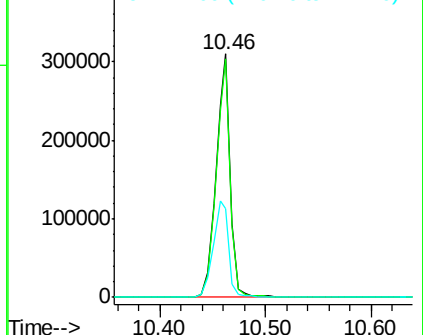
#41
 2,4,6-Tribromophenol
 Concen: 159.544 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF098604.D
 Acq: 18 Sep 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

Tot Ion:330 Resp: 294091
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 43.6 31.4 47.2

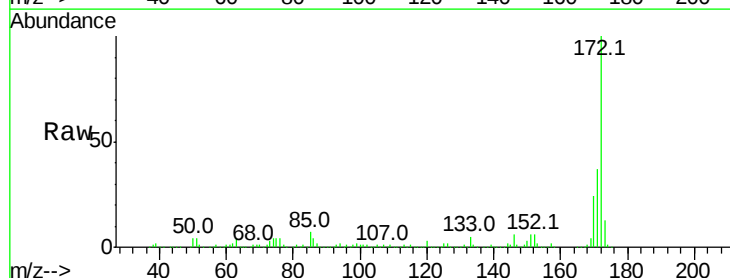


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

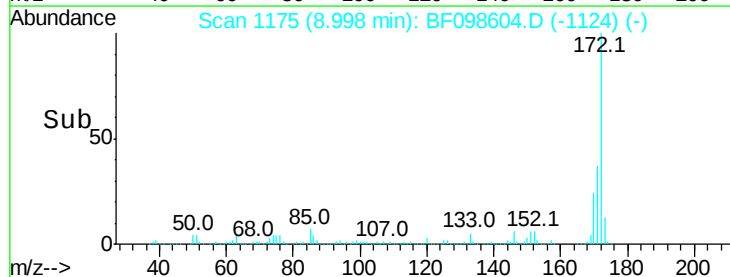
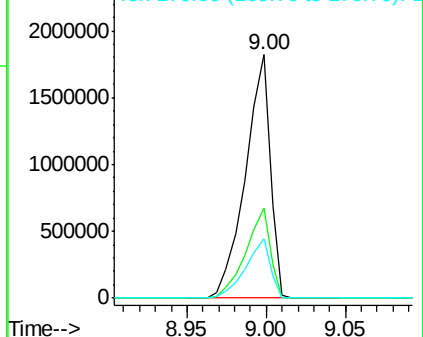


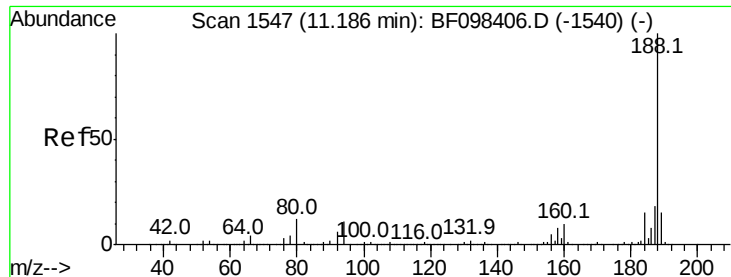
#44
 2-Fluorobiphenyl
 Concen: 121.521 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098604.D
 Acq: 18 Sep 2017 16:09

Tgt Ion:172 Resp: 1980187
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.2 19.8 29.8



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

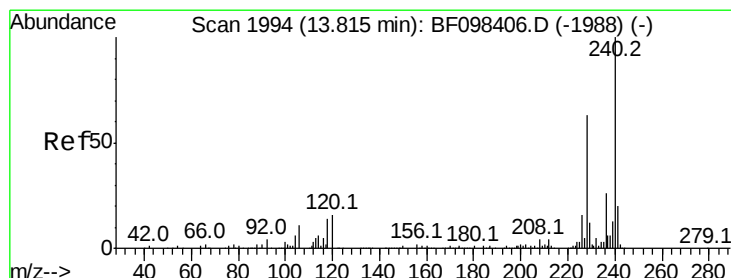
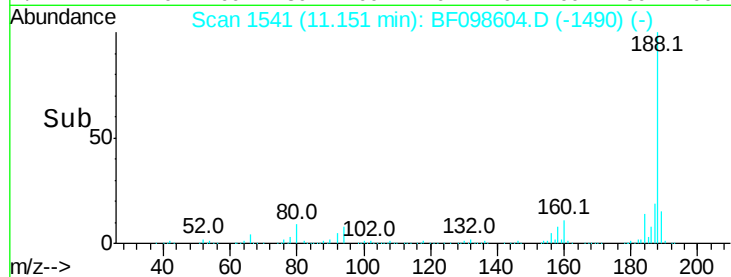
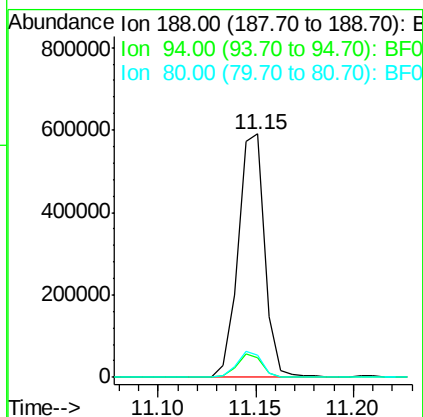
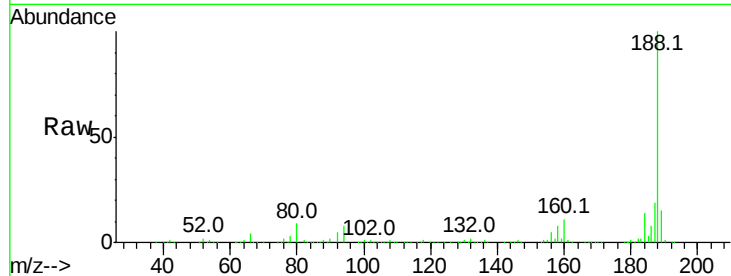




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098604.D
 Acq: 18 Sep 2017 16:09

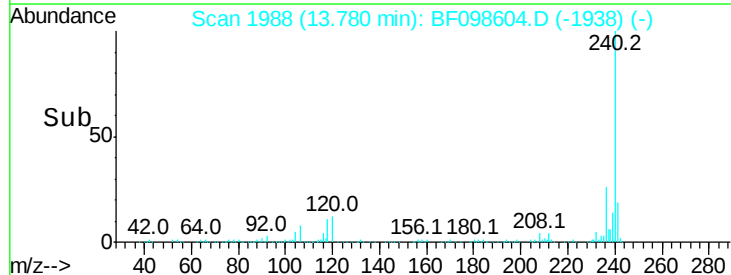
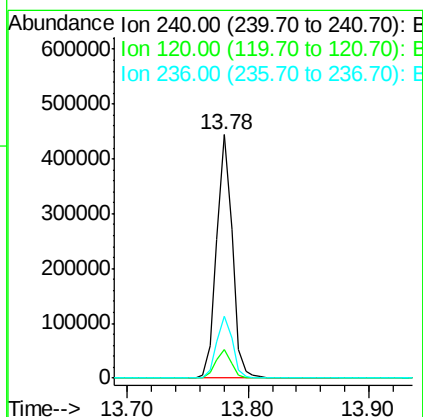
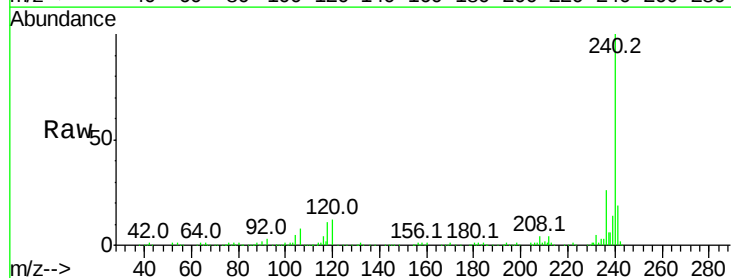
Instrument :
 BNA_F
 ClientSampleId :
 PB102381BL

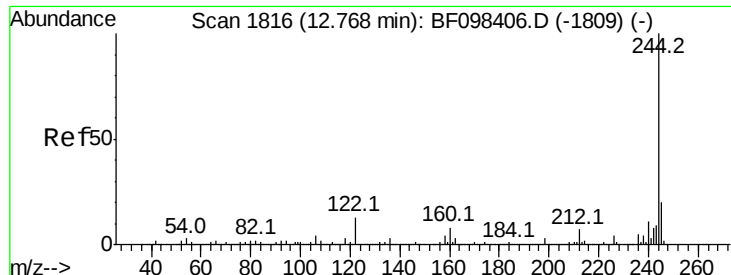
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.4	14.2#
80	8.9	10.2	15.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF098604.D
 Acq: 18 Sep 2017 16:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	25.5	20.5	30.7





#78

Terphenyl-d14

Concen: 114.812 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF098604.D

Acq: 18 Sep 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB102381BL

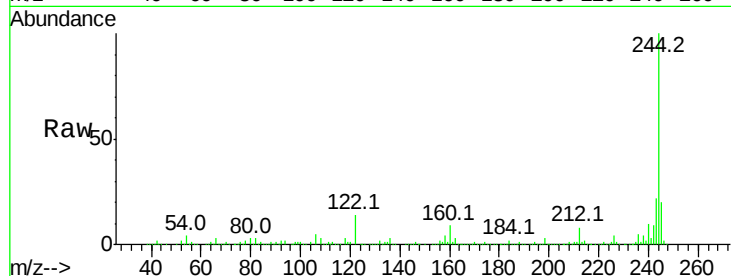
Tot Ion:244 Resp: 2089303

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

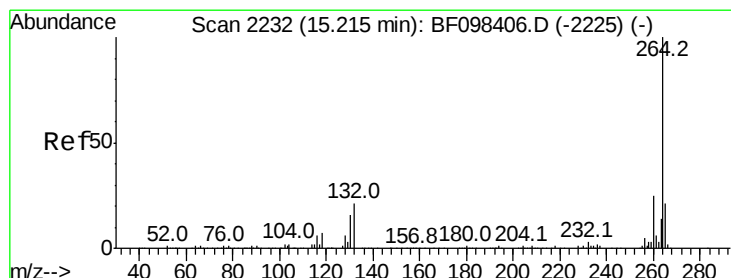
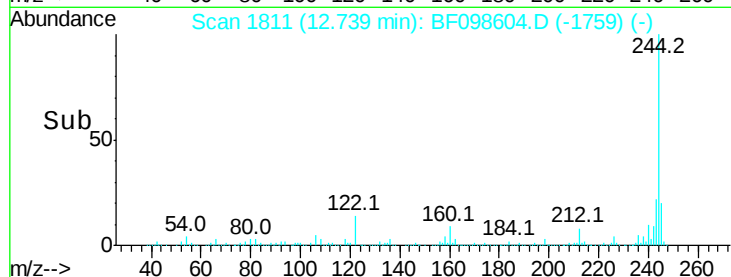
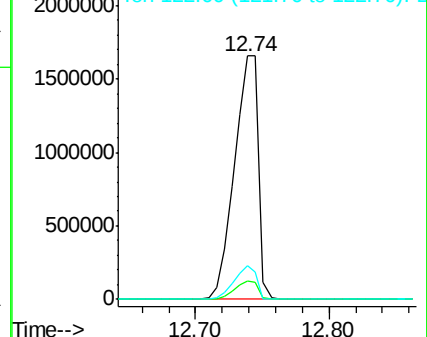
122 13.7 10.3 15.5



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: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF098604.D

Acq: 18 Sep 2017 16:09

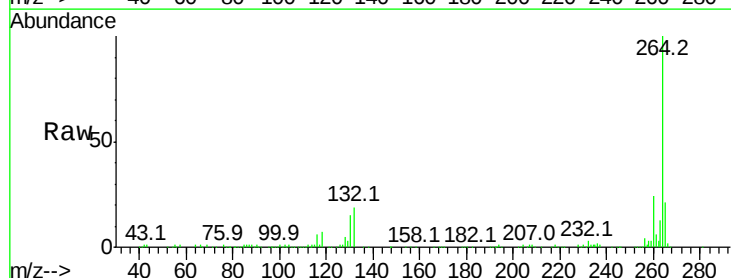
Tgt Ion:264 Resp: 277355

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.3 17.2 25.8



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

