

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097564.D
 Acq On : 10 Aug 2017 18:08
 Operator : SJ/JU
 Sample : PB101428BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BL

Quant Time: Aug 11 01:41:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	100781	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	445941	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	195448	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	342422	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	241719	20.00	ng	-0.02
86) Perylene-d12	14.86	264	183584	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	734046	109.80	ng	-0.02
7) Phenol-d6	6.06	99	857267	112.32	ng	-0.02
23) Nitrobenzene-d5	6.96	82	552012	72.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.21	330	169053	109.47	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	886090	76.94	ng	-0.02
78) Terphenyl-d14	12.47	244	682134	57.54	ng	-0.02

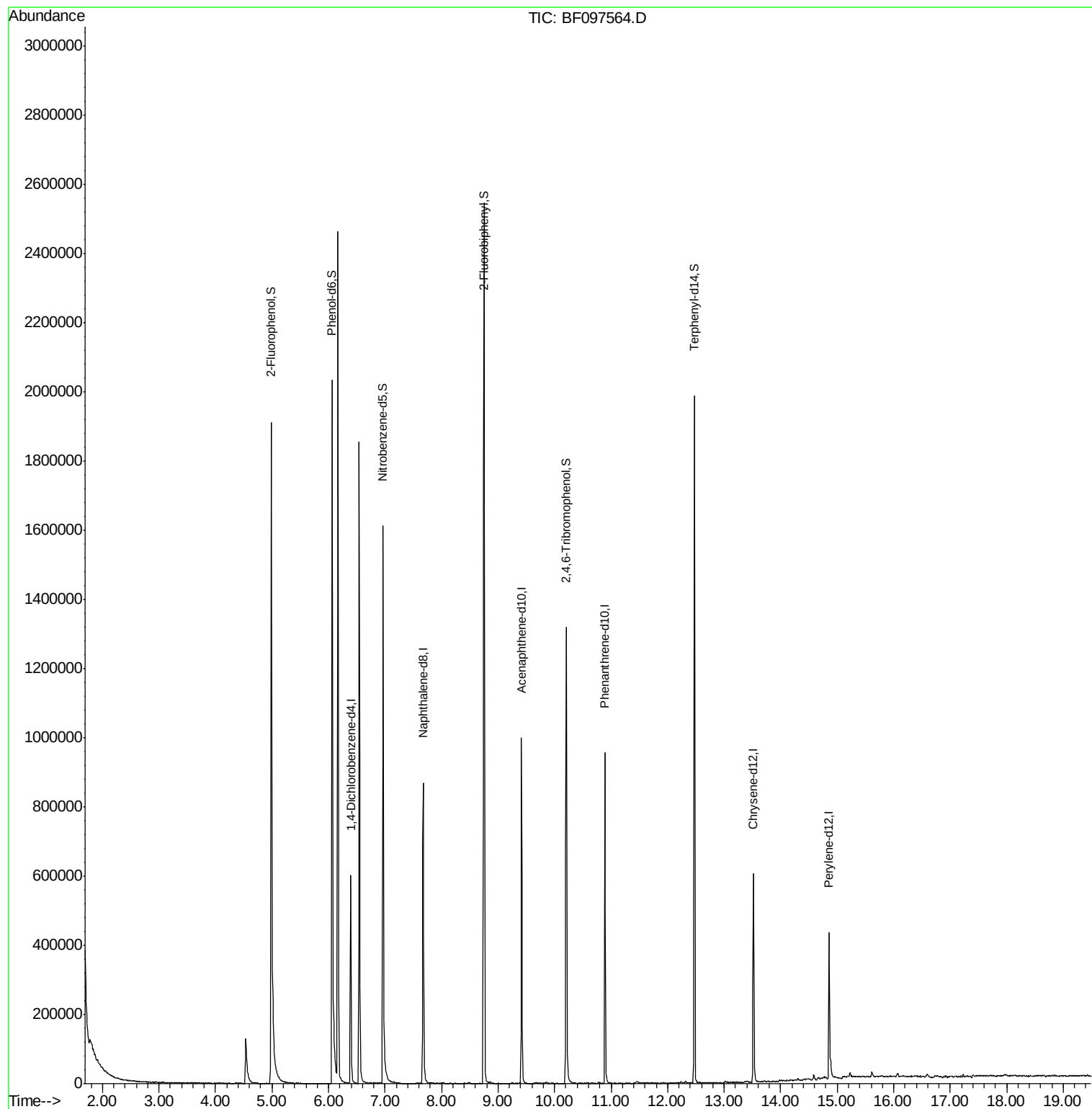
Target Compounds Qvalue

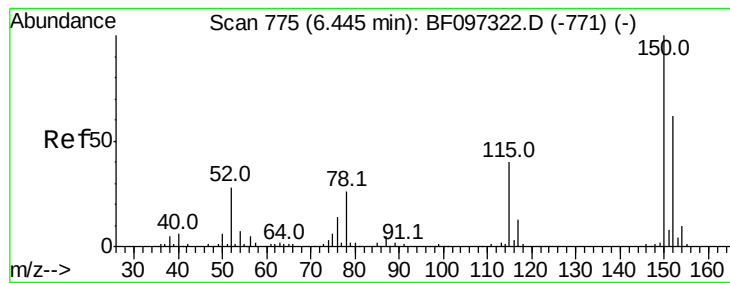
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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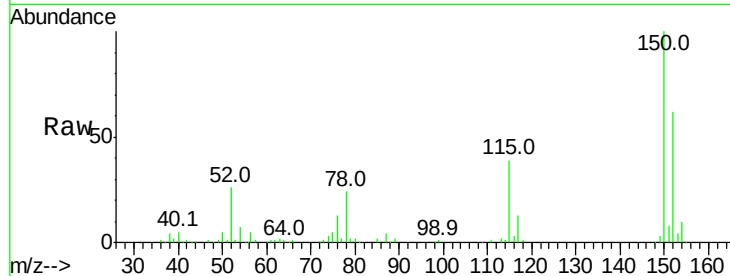


#1

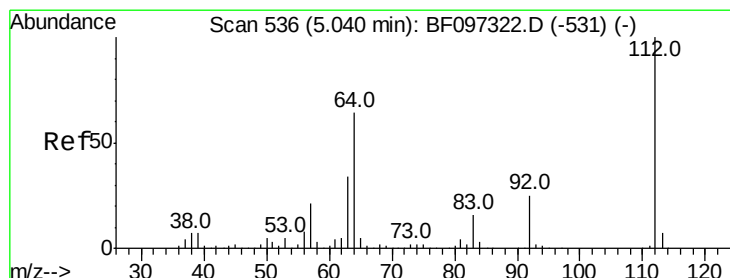
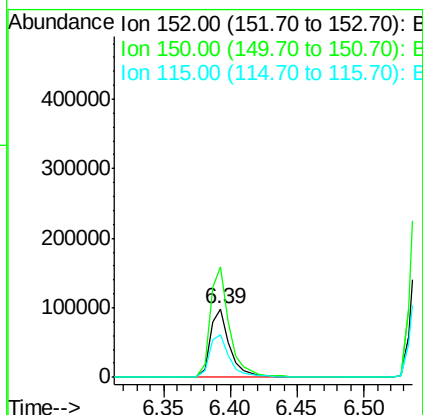
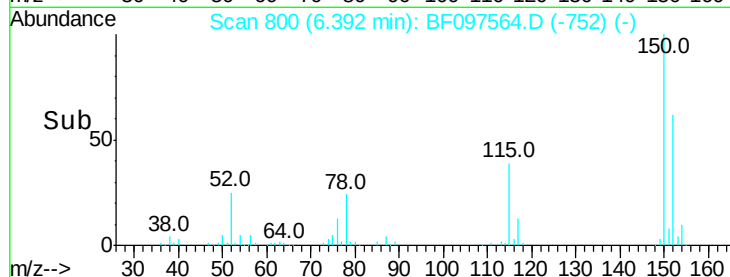
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097564.D
Acq: 10 Aug 2017 18:08

Instrument :
BNA_F
ClientSampleId :
PB101428BL

Tot Ion:152 Resp: 100781
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.2
115 63.2 52.2 78.2



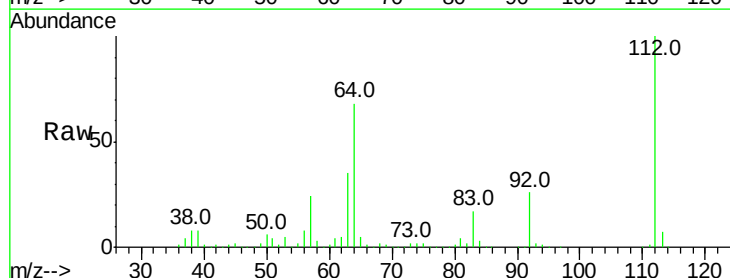
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



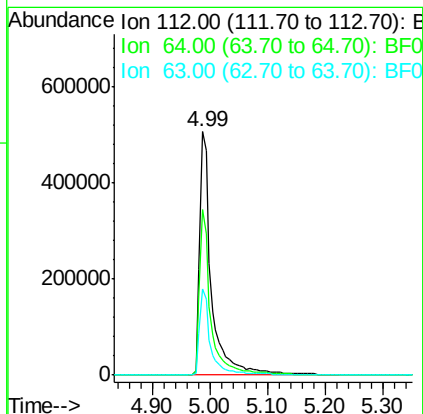
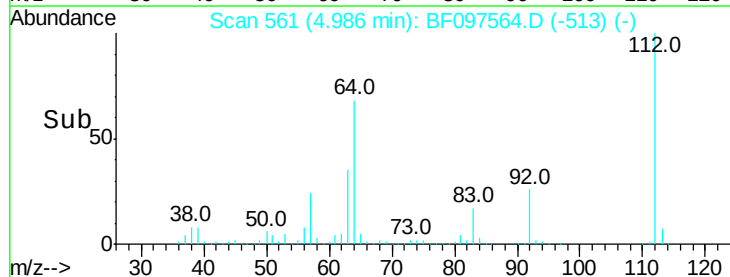
#5

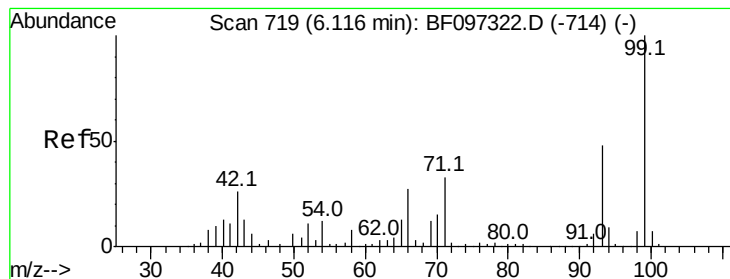
2-Fluorophenol
Concen: 109.799 ng
RT: 4.99 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF097564.D
Acq: 10 Aug 2017 18:08

Tgt Ion:112 Resp: 734046
Ion Ratio Lower Upper
112 100
64 68.1 46.0 69.0
63 35.5 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: 112.323 ng

RT: 6.06 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Instrument :

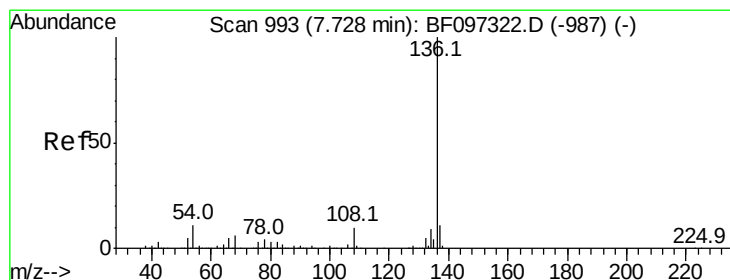
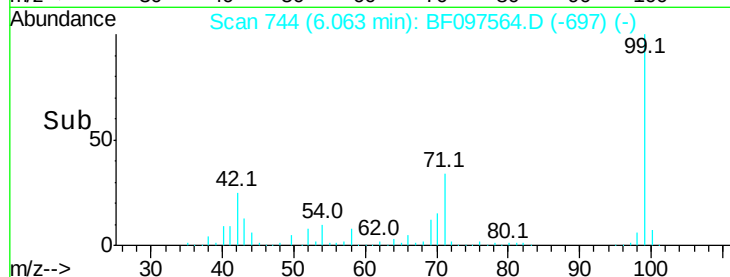
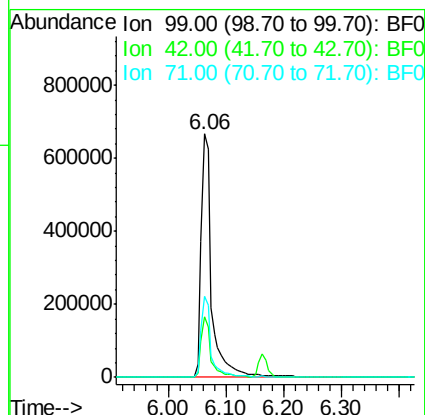
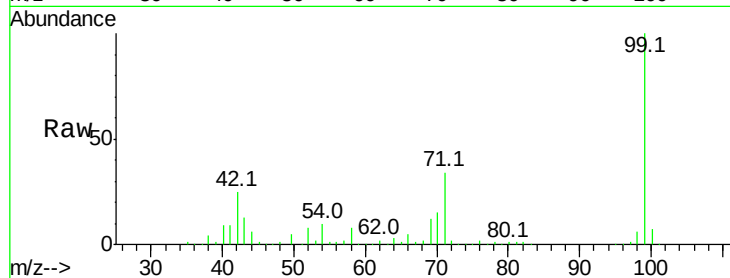
BNA_F

ClientSampleId :

PB101428BL

Tot Ion: 99 Resp: 857267

Ion	Ratio	Lower	Upper
99	100		
42	25.1	13.5	20.3#
71	33.5	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.67 min Scan# 1018

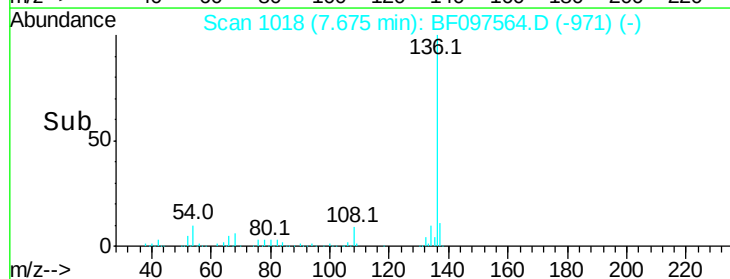
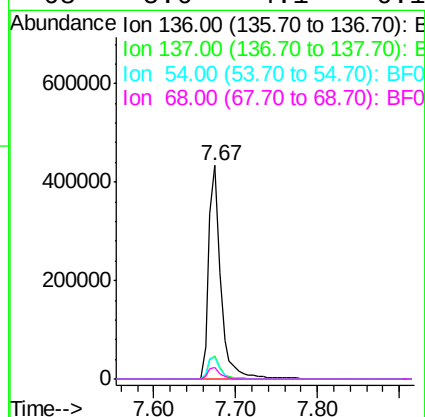
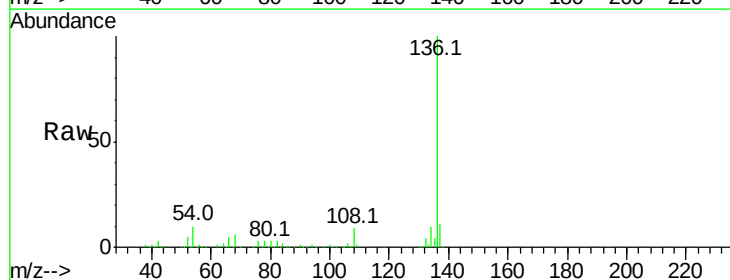
Delta R.T. -0.02 min

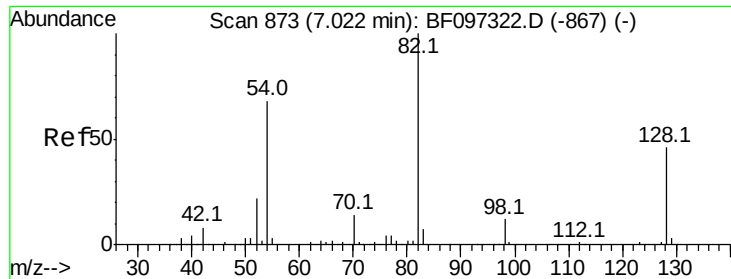
Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Tgt Ion: 136 Resp: 445941

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.5	4.9	7.3#
68	5.6	4.1	6.1

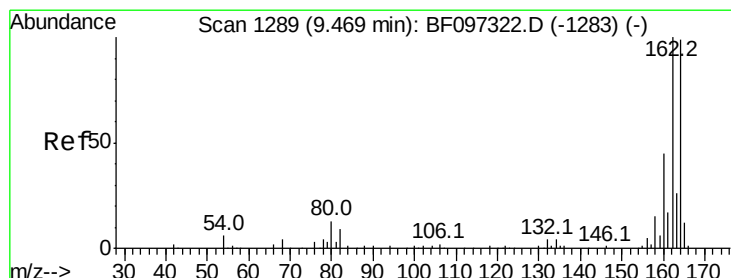
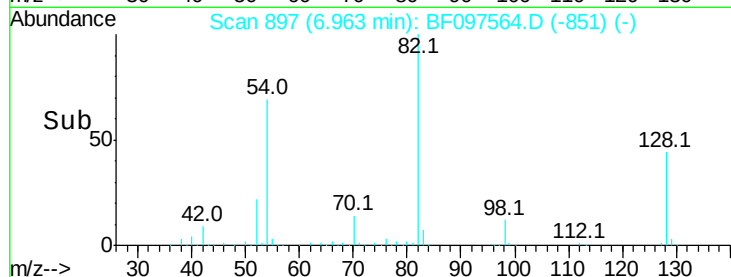
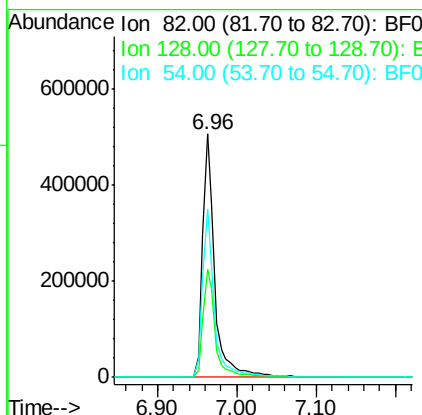
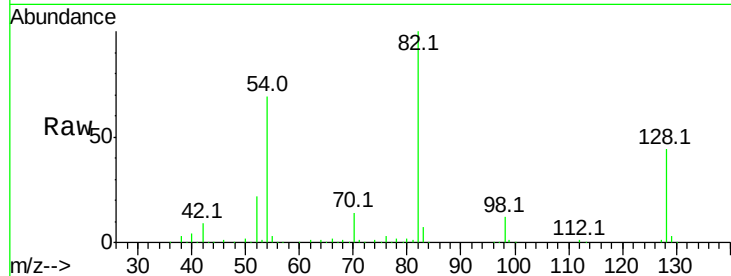




#23
Nitrobenzene-d5
Concen: 72.618 ng
RT: 6.96 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF097564.D
Acq: 10 Aug 2017 18:08

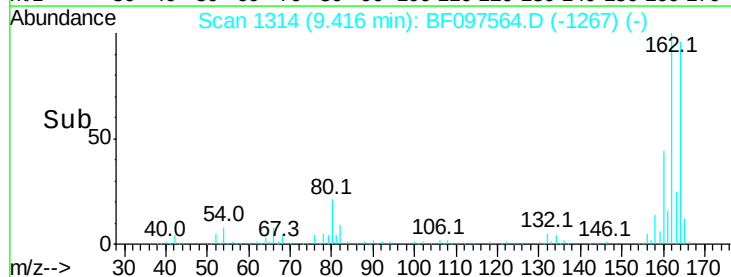
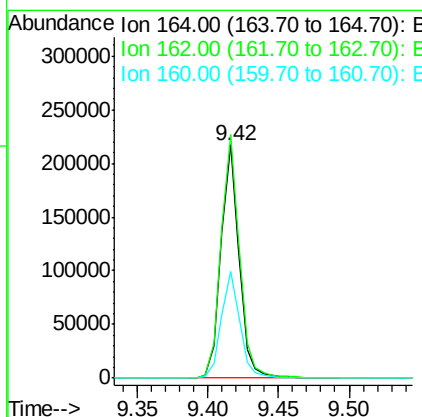
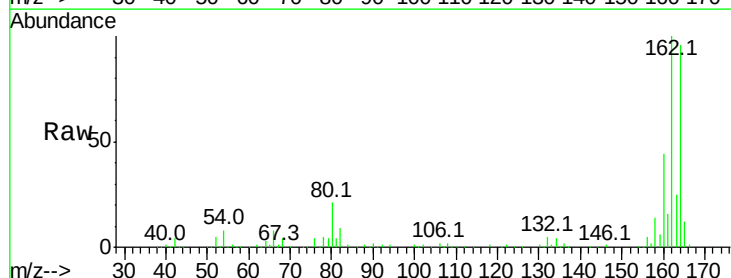
Instrument :
BNA_F
ClientSampleId :
PB101428BL

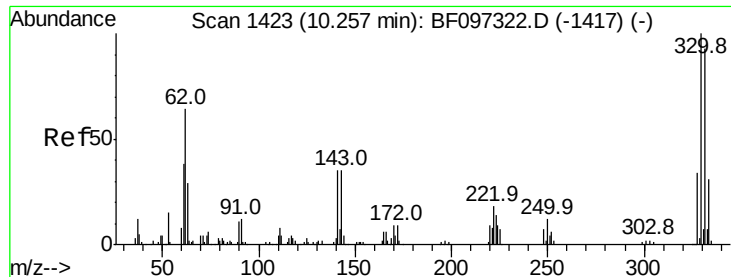
Tot Ion: 82 Resp: 552012
Ion Ratio Lower Upper
82 100
128 44.4 34.0 51.0
54 69.0 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF097564.D
Acq: 10 Aug 2017 18:08

Tgt Ion:164 Resp: 195448
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 45.6 36.2 54.2

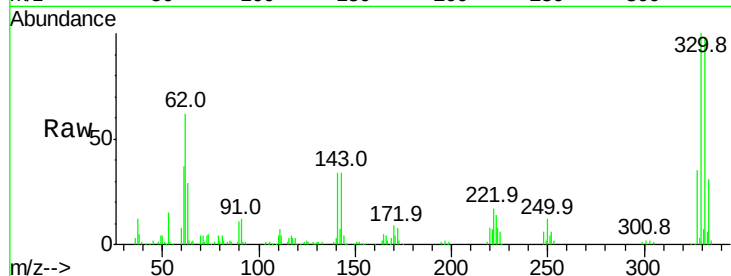




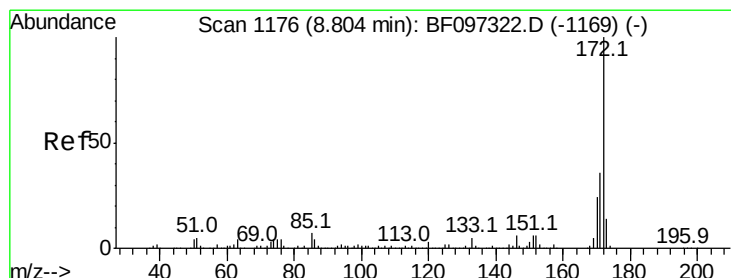
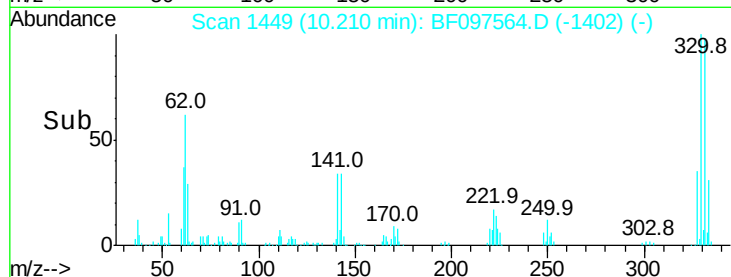
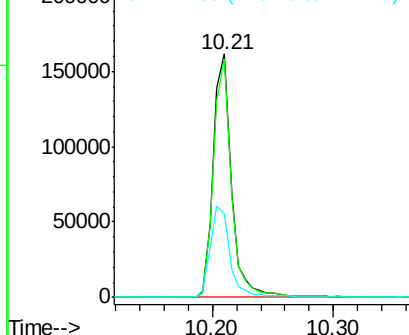
#41
 2,4,6-Tribromophenol
 Concen: 109.474 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097564.D
 Acq: 10 Aug 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BL

Tot Ion:330 Resp: 169053
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.5 31.4 47.2

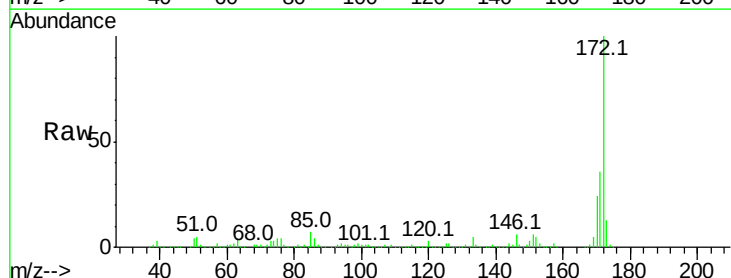


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

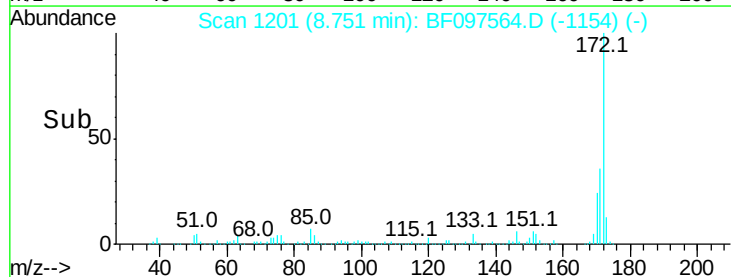
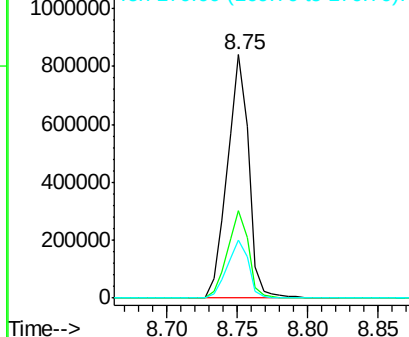


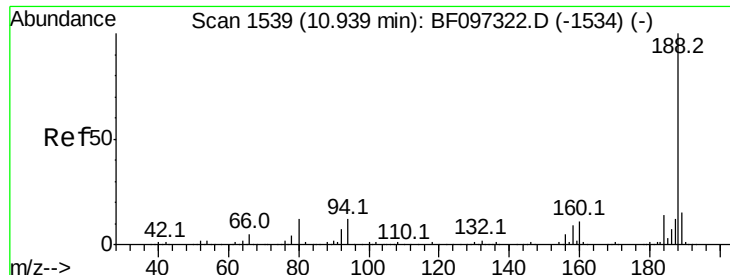
#44
 2-Fluorobiphenyl
 Concen: 76.940 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097564.D
 Acq: 10 Aug 2017 18:08

Tgt Ion:172 Resp: 886090
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 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

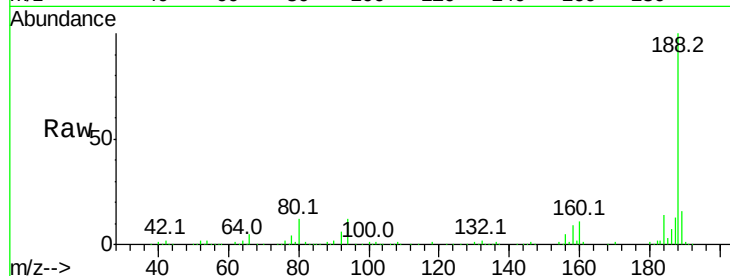




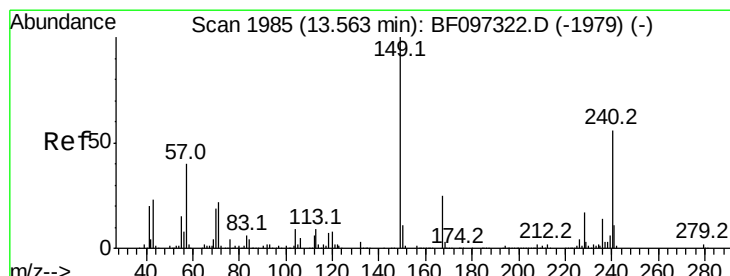
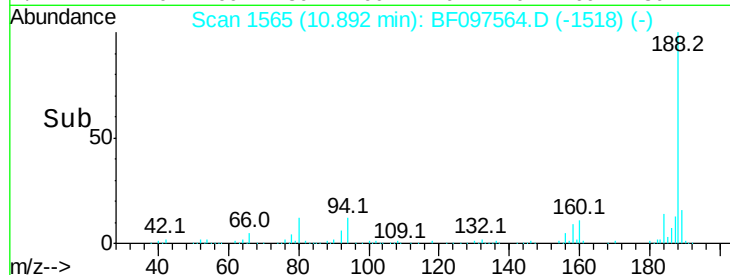
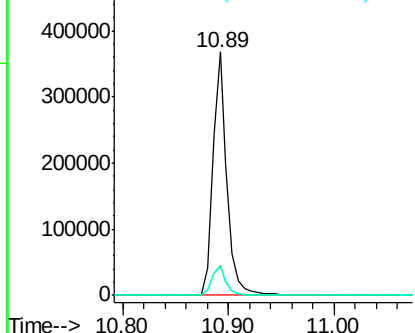
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF097564.D
 Acq: 10 Aug 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BL

Tot Ion:188 Resp: 342422
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 11.8 10.2 15.2

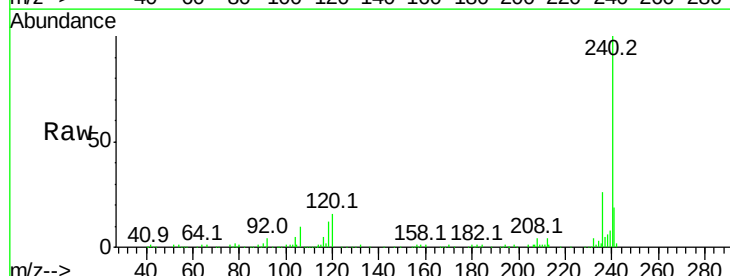


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

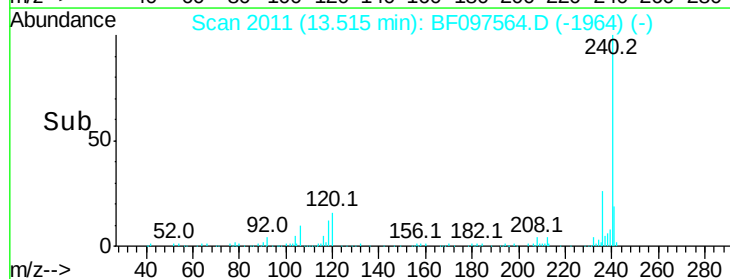
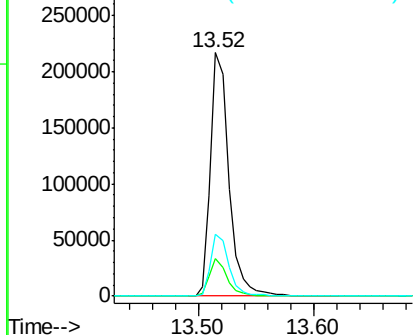


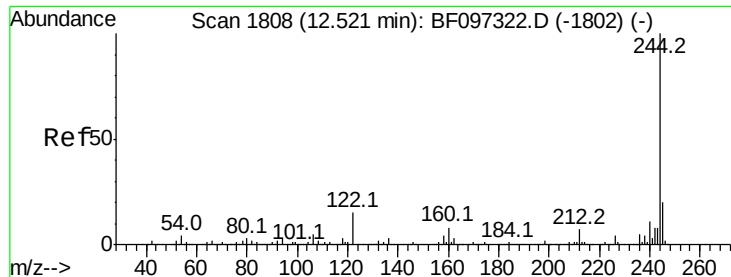
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.52 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF097564.D
 Acq: 10 Aug 2017 18:08

Tgt Ion:240 Resp: 241719
 Ion Ratio Lower Upper
 240 100
 120 15.5 5.8 8.8#
 236 25.5 20.5 30.7



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: 57.537 ng

RT: 12.47 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Instrument :

BNA_F

ClientSampleId :

PB101428BL

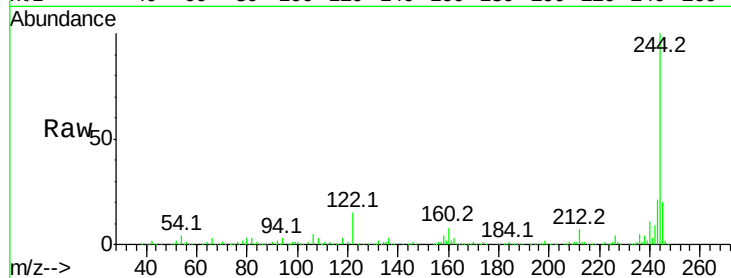
Tot Ion:244 Resp: 682134

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

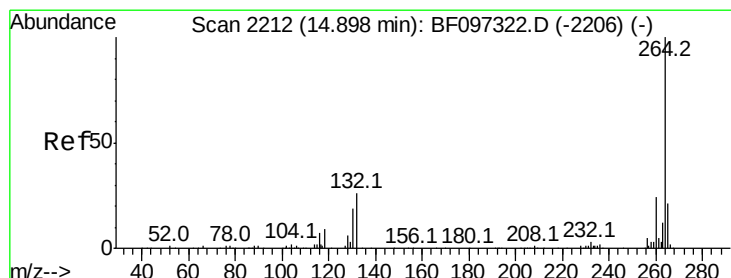
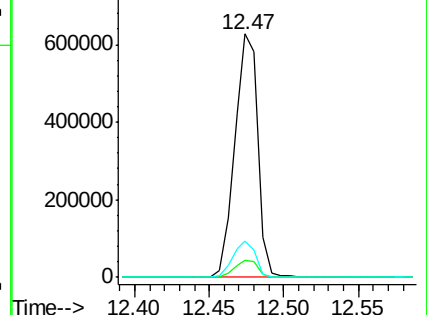
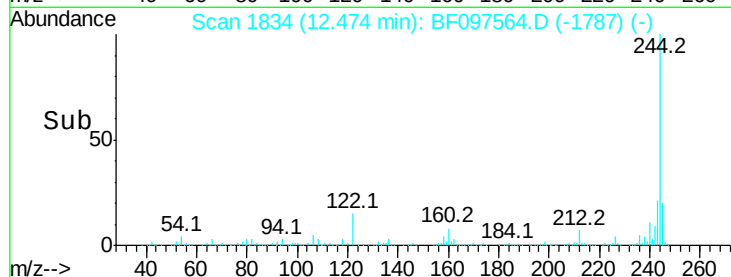
122 15.0 10.3 15.5



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: 14.86 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

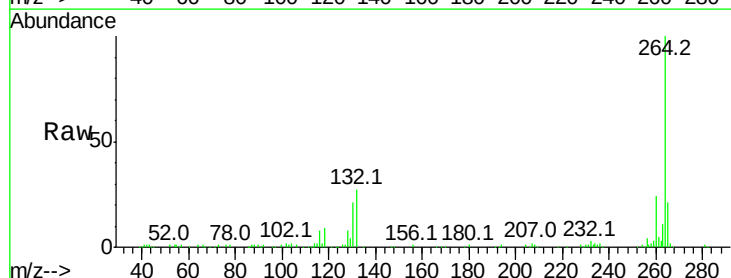
Tgt Ion:264 Resp: 183584

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.5 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

