

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097562.D
 Acq On : 10 Aug 2017 17:12
 Operator : SJ/JU
 Sample : PB101375BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101375BL

Quant Time: Aug 11 01:34:09 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	93137	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	417699	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	187394	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	300517	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	250205	20.00	ng	-0.02
86) Perylene-d12	14.86	264	196208	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	819114	132.58	ng	-0.01
7) Phenol-d6	6.07	99	933705	132.38	ng	-0.02
23) Nitrobenzene-d5	6.96	82	546398	76.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.21	330	169527	114.50	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	917655	83.11	ng	-0.02
78) Terphenyl-d14	12.48	244	756542	61.65	ng	-0.02

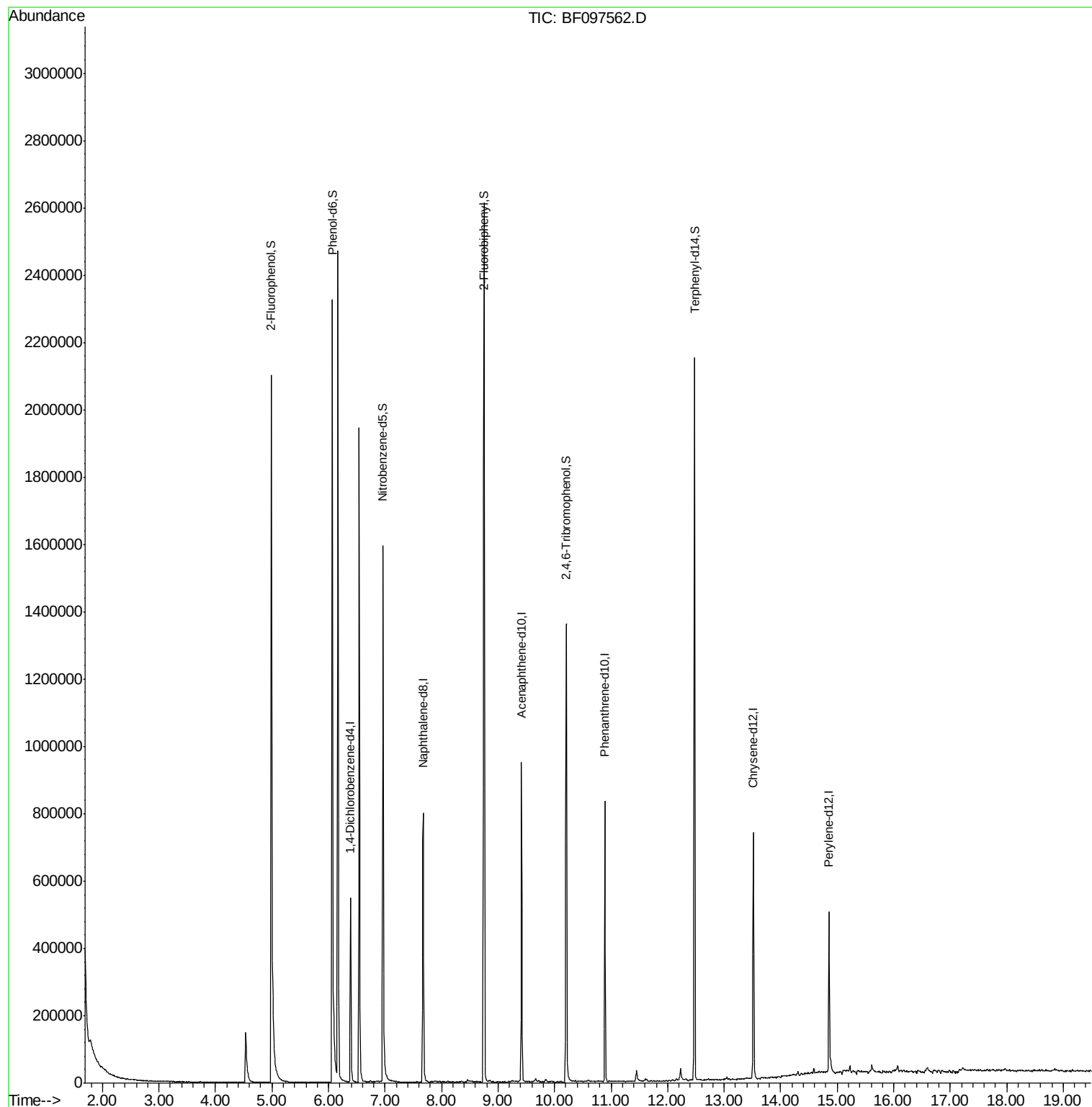
Target Compounds Qvalue

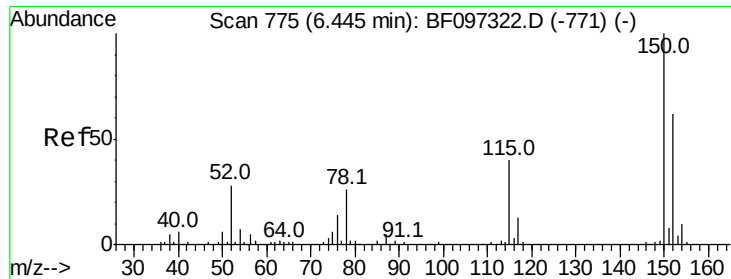
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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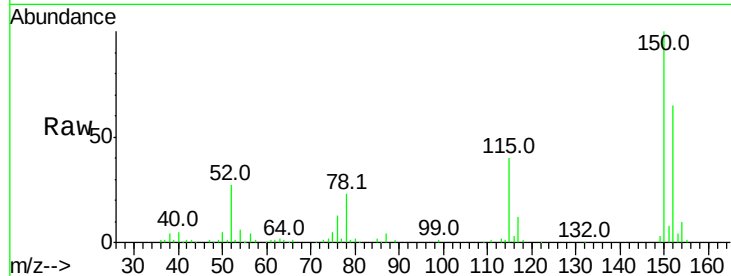


#1

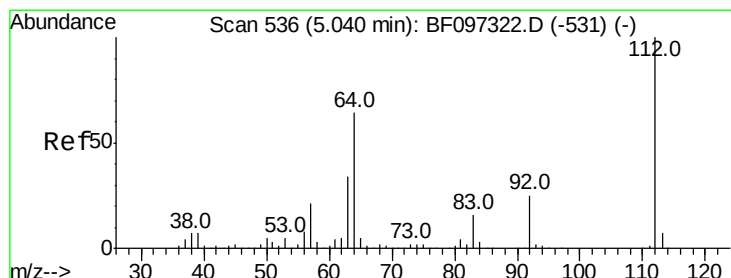
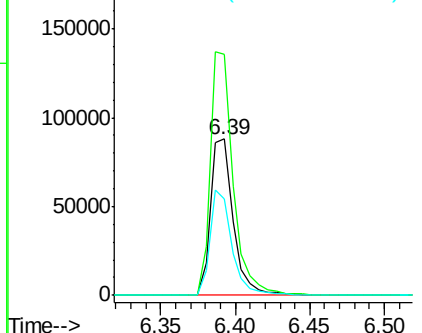
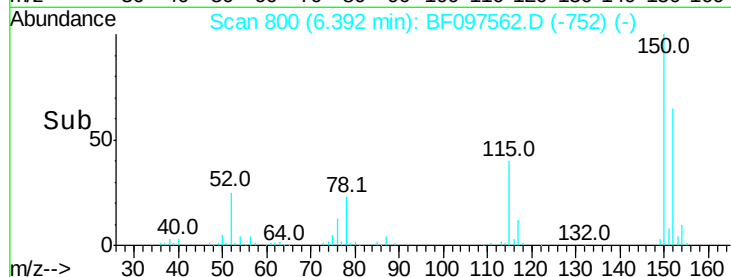
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.39 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

Instrument :
 BNA_F
 ClientSampleId :
 PB101375BL

Tot Ion:152 Resp: 93137
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.2
 115 61.6 52.2 78.2



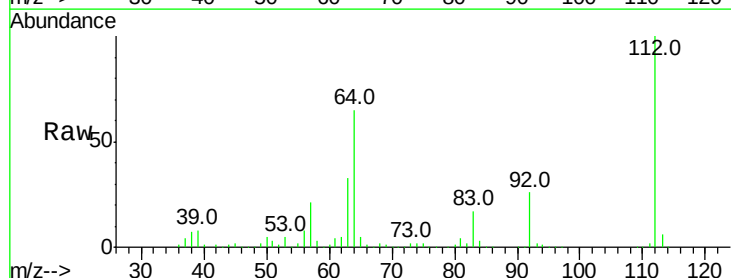
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



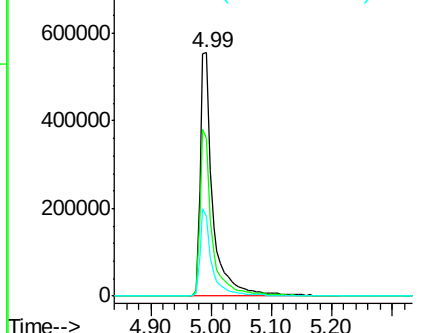
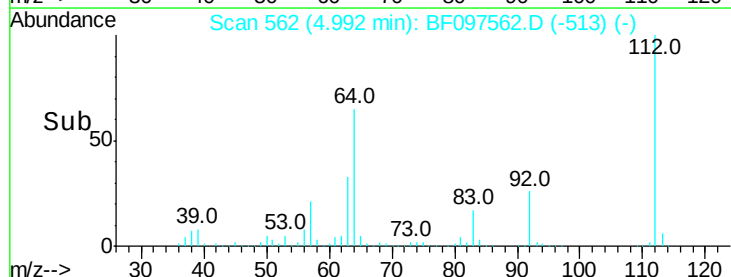
#5

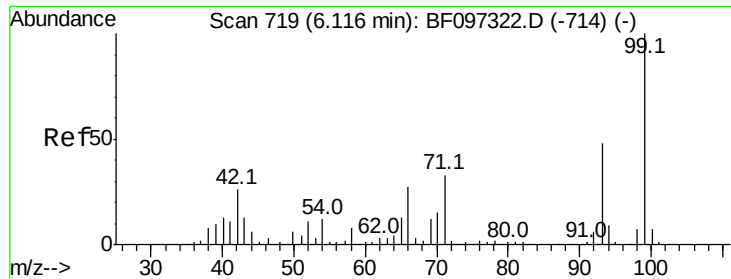
2-Fluorophenol
 Concen: 132.579 ng
 RT: 4.99 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

Tgt Ion:112 Resp: 819114
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.0 69.0
 63 32.6 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: 132.379 ng

RT: 6.07 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Instrument :

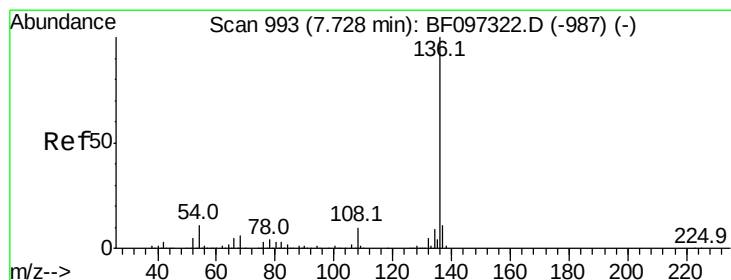
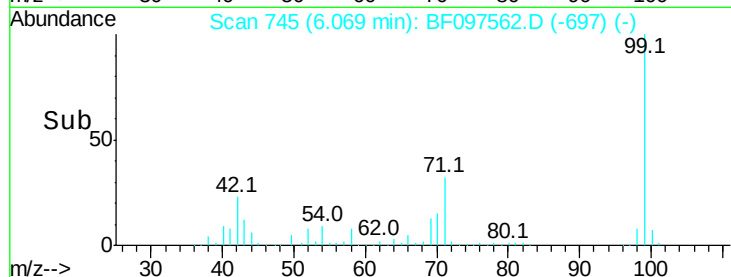
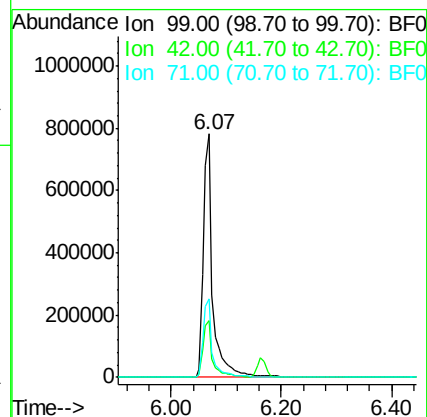
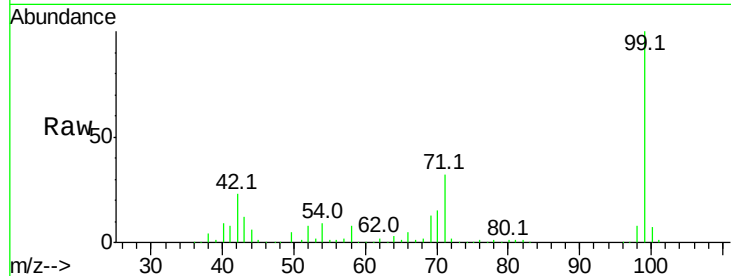
BNA_F

ClientSampleId :

PB101375BL

Tot Ion: 99 Resp: 933705

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	32.1	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.67 min Scan# 1018

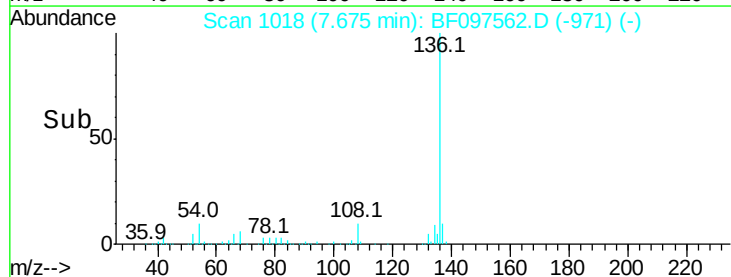
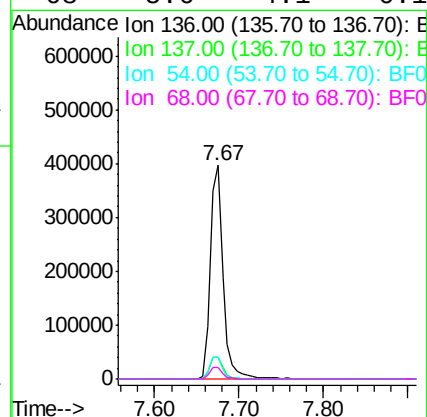
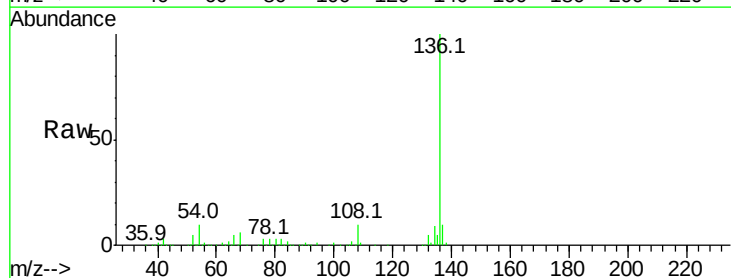
Delta R.T. -0.02 min

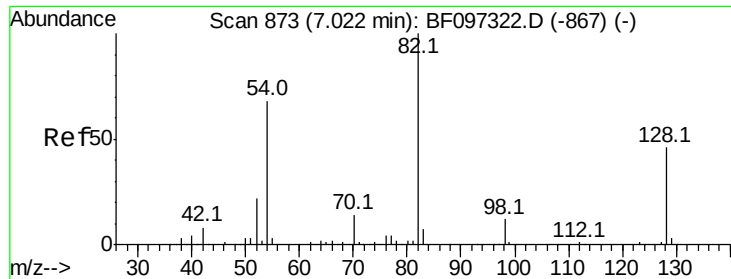
Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Tgt Ion: 136 Resp: 417699

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.2	4.9	7.3#
68	5.6	4.1	6.1

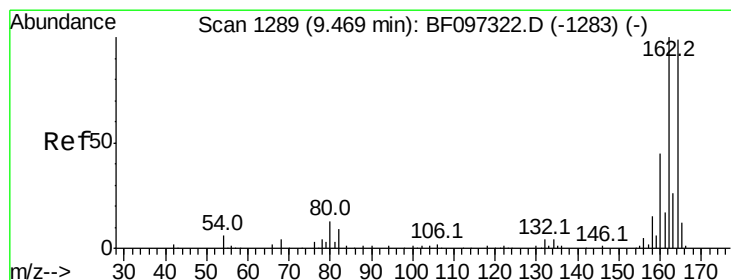
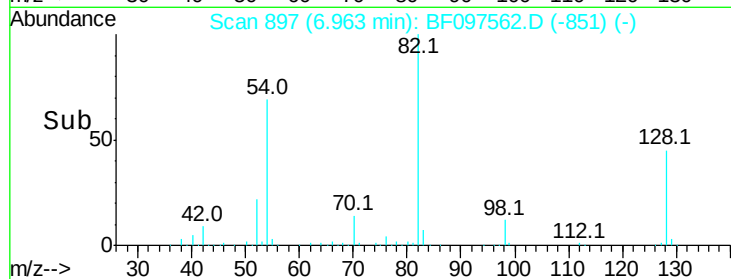
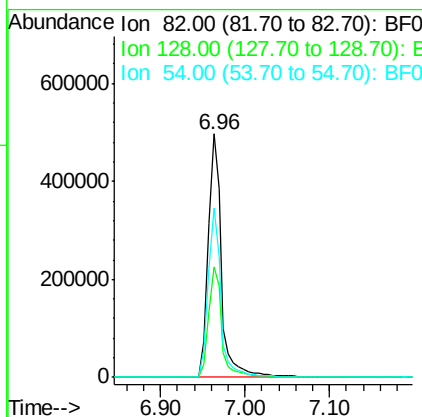
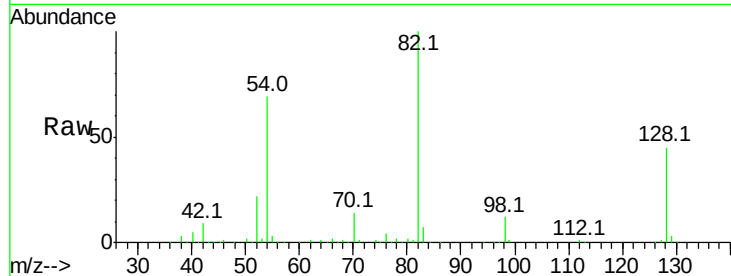




#23
 Nitrobenzene-d5
 Concen: 76.739 ng
 RT: 6.96 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

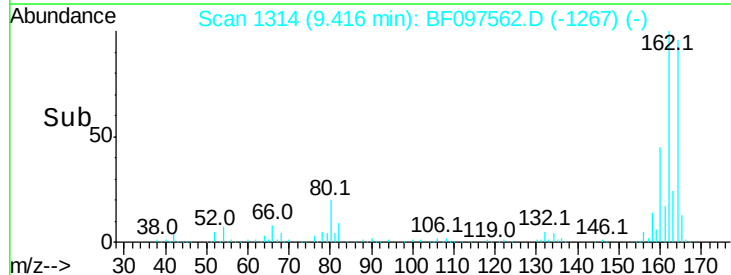
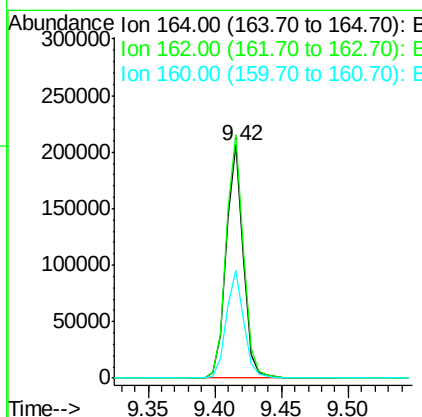
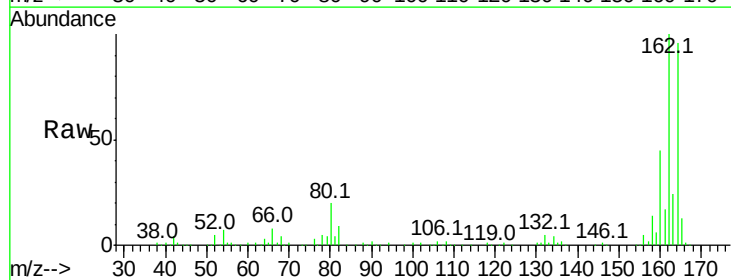
Instrument :
 BNA_F
 ClientSampleId :
 PB101375BL

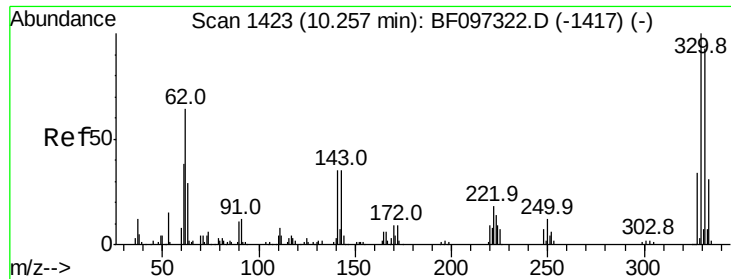
Tot Ion: 82 Resp: 546398
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 69.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

Tgt Ion:164 Resp: 187394
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.5 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 114.499 ng

RT: 10.21 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Instrument :

BNA_F

ClientSampleId :

PB101375BL

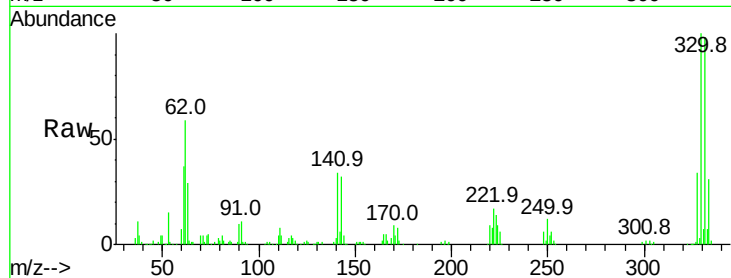
Tot Ion:330 Resp: 169527

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

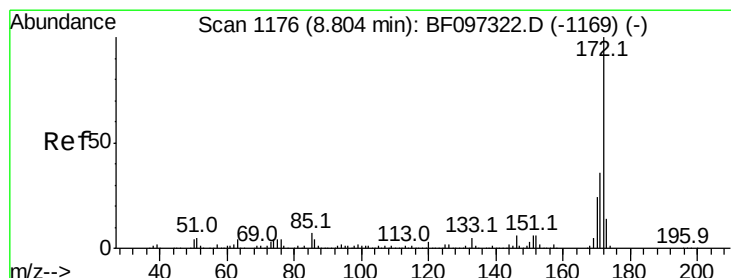
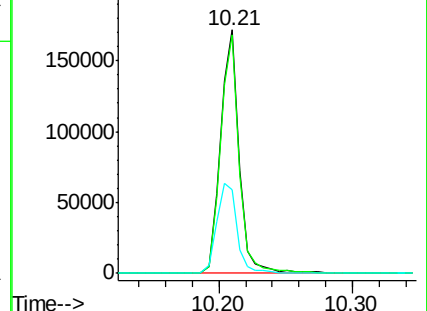
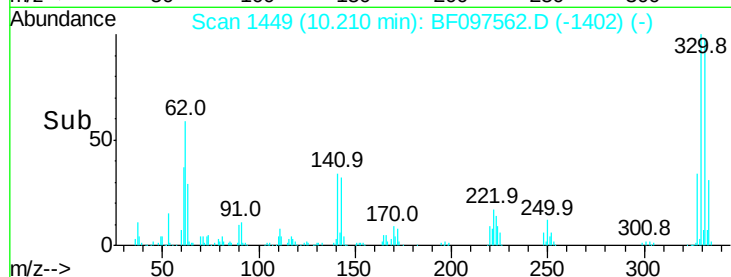
141 40.3 31.4 47.2



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: 83.106 ng

RT: 8.75 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

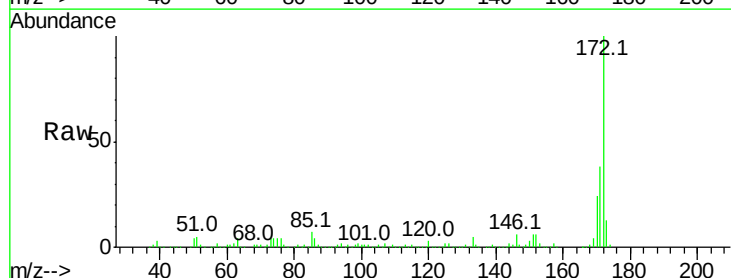
Tgt Ion:172 Resp: 917655

Ion Ratio Lower Upper

172 100

171 37.7 29.6 44.4

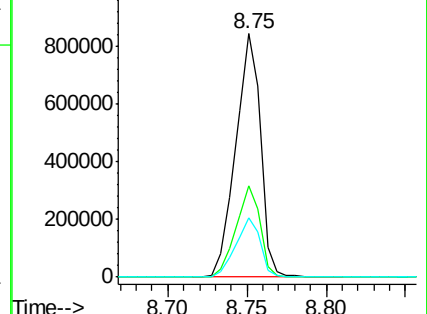
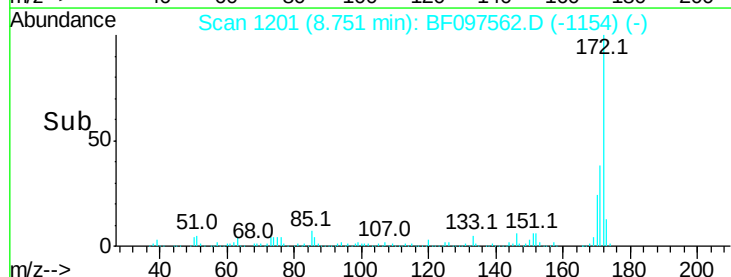
170 24.1 19.8 29.8

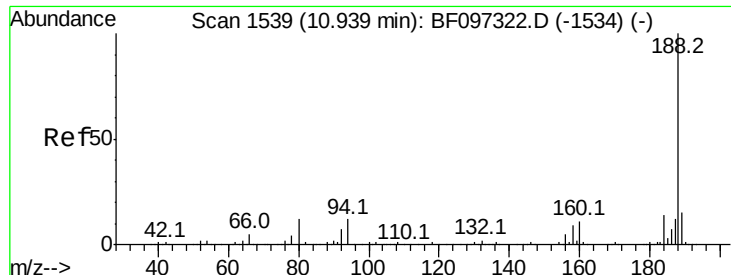


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

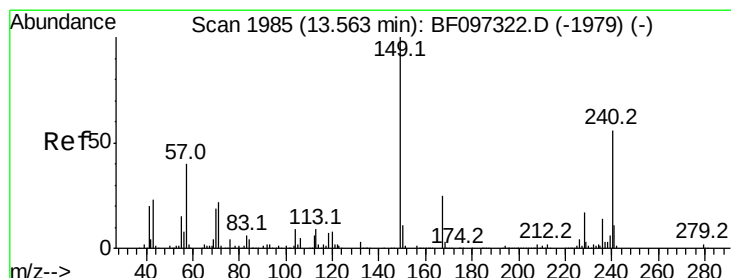
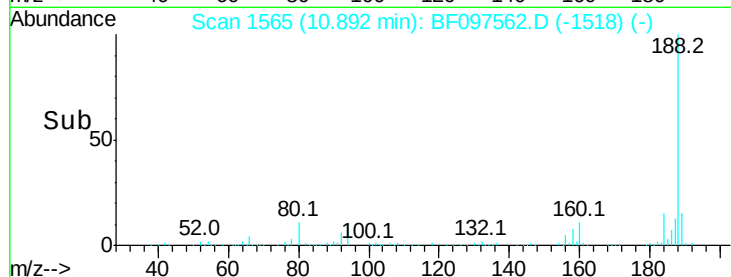
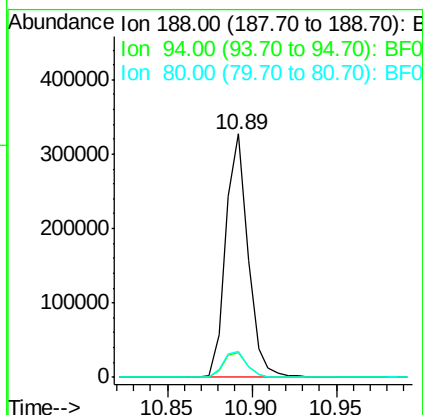
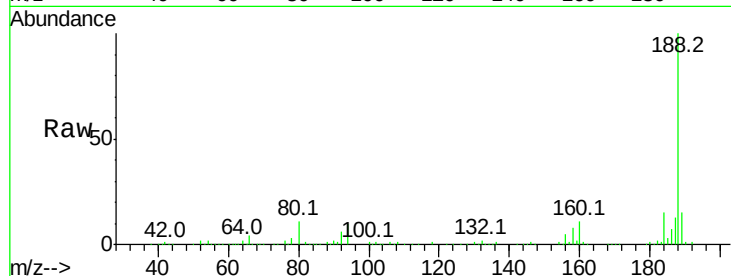




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

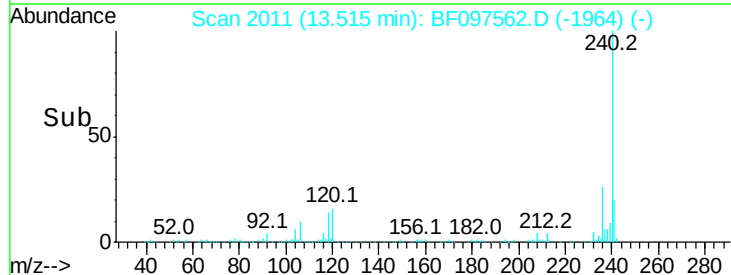
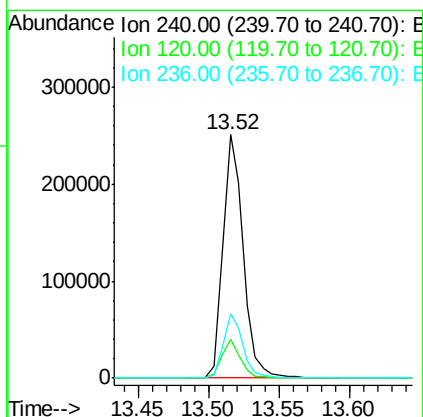
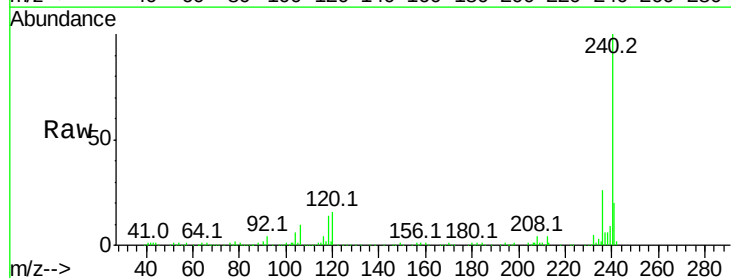
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 BNA_F
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 PB101375BL

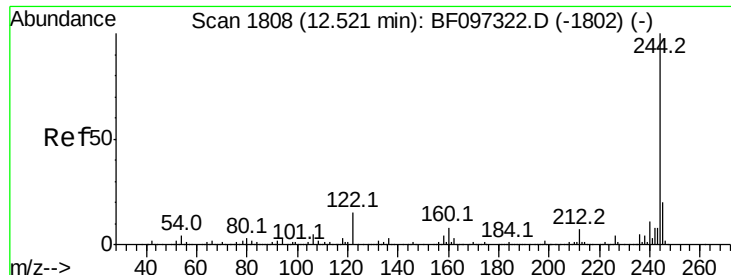
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.8	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.52 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF097562.D
 Acq: 10 Aug 2017 17:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 61.649 ng

RT: 12.48 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF097562.D

Acq: 10 Aug 2017 17:12

Instrument :

BNA_F

ClientSampleId :

PB101375BL

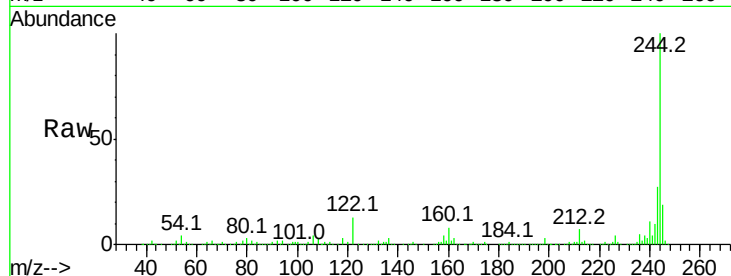
Tot Ion:244 Resp: 756542

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

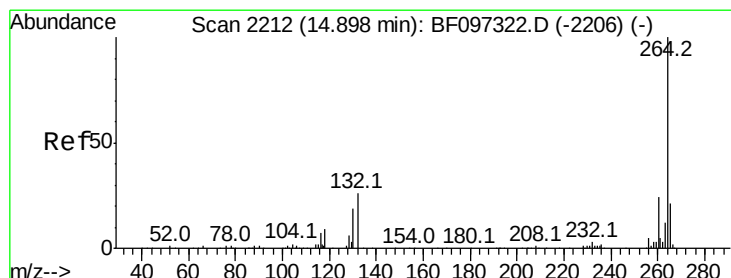
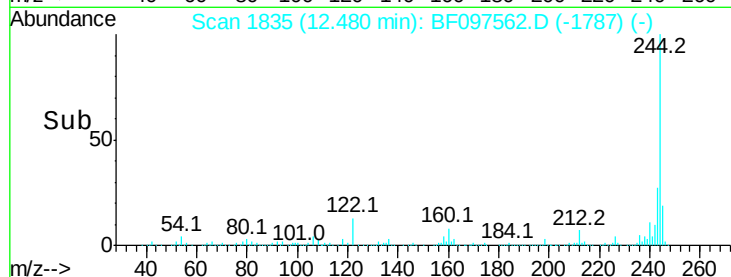
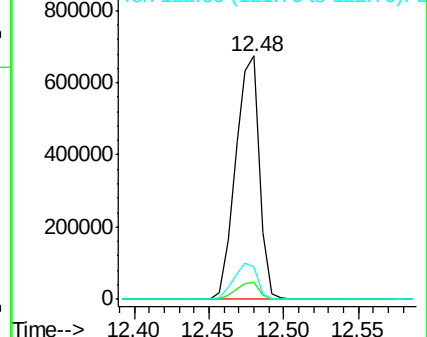
122 13.5 10.3 15.5



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: BF097562.D

Acq: 10 Aug 2017 17:12

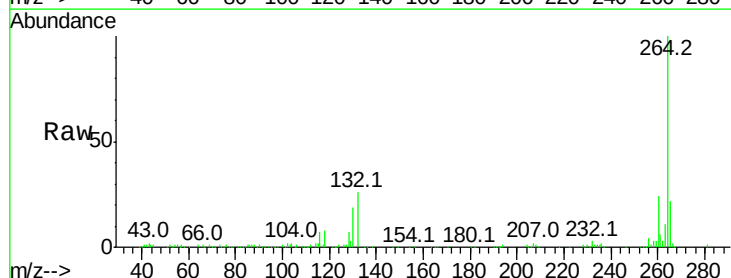
Tgt Ion:264 Resp: 196208

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.8 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

