

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097705.D
 Acq On : 15 Aug 2017 21:54
 Operator : SJ/JU
 Sample : I4700-04 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

Quant Time: Aug 16 05:08:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

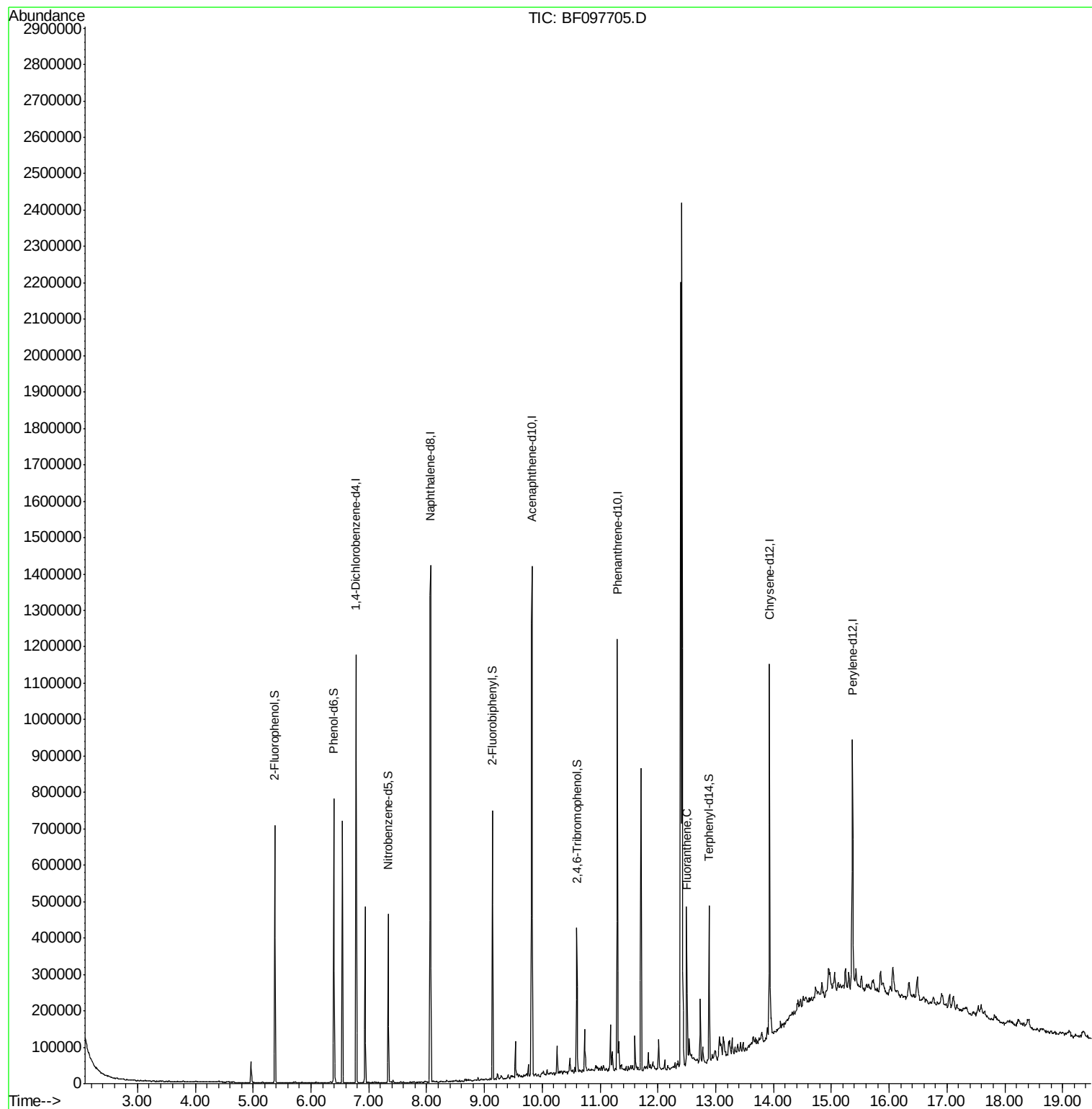
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151965	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	594761	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	256462	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	418485	20.00	ng	0.00
75) Chrysene-d12	13.93	240	304226	20.00	ng	0.00
86) Perylene-d12	15.37	264	295530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	163366	16.35	ng	-0.01
7) Phenol-d6	6.40	99	223073	16.43	ng	-0.01
23) Nitrobenzene-d5	7.34	82	122640	11.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	31015	13.94	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	188384	10.79	ng	0.00
78) Terphenyl-d14	12.89	244	109159	7.48	ng	0.00
Target Compounds						
74) Fluoranthene	12.51	202	48363	2.078	ng	Qvalue 99

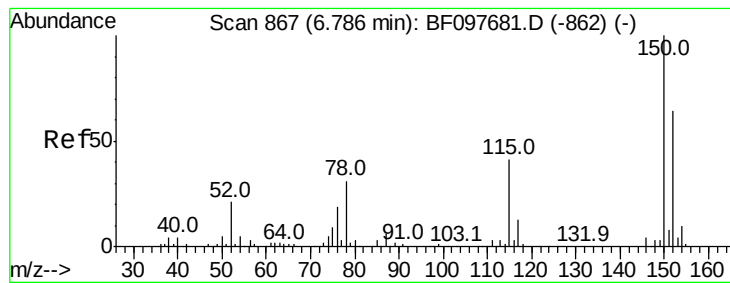
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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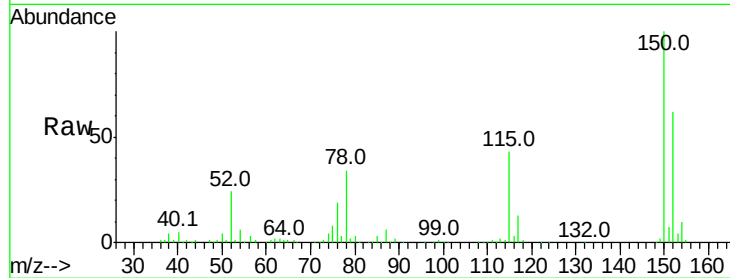


#1

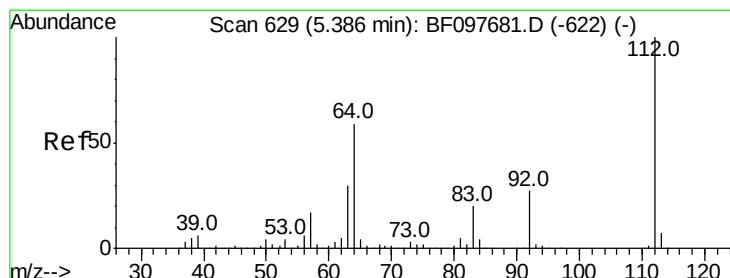
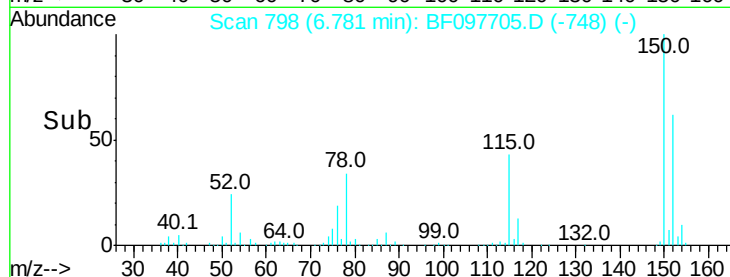
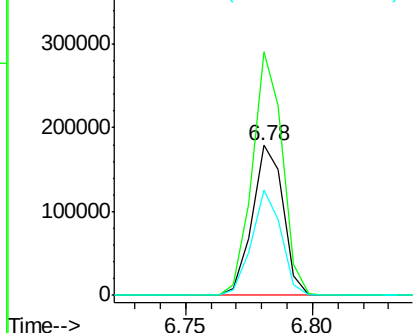
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097705.D
Acq: 15 Aug 2017 21:54

Instrument :
BNA_F
ClientSampleId :
NB-01-080917-B

Tot Ion:152 Resp: 151965
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.2
115 70.1 52.2 78.2



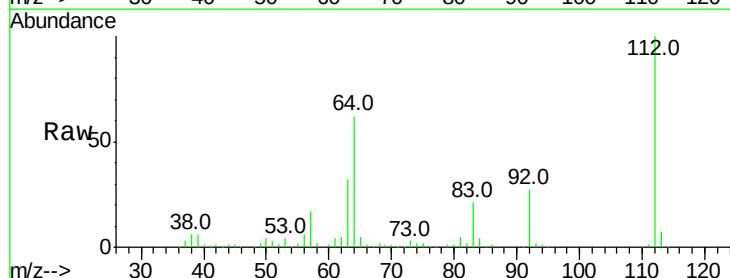
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



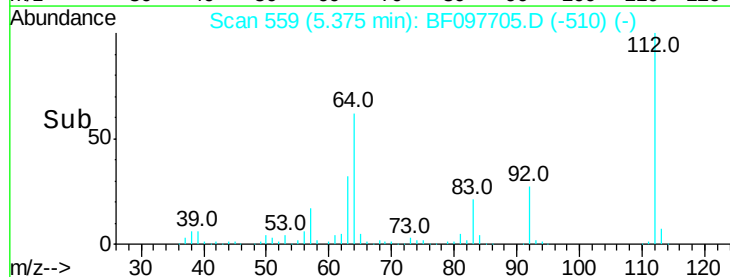
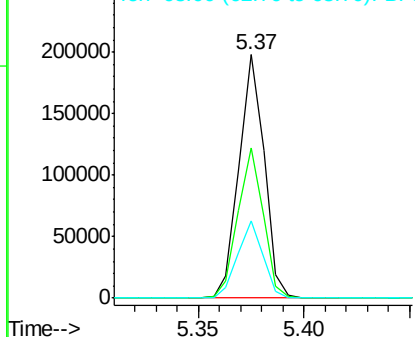
#5

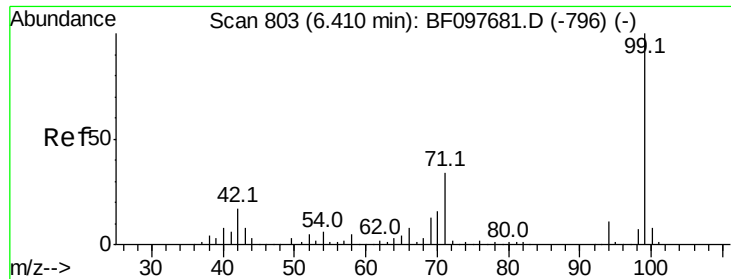
2-Fluorophenol
Concen: 16.352 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097705.D
Acq: 15 Aug 2017 21:54

Tgt Ion:112 Resp: 163366
Ion Ratio Lower Upper
112 100
64 61.6 46.0 69.0
63 31.6 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: 16.433 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097705.D

Acq: 15 Aug 2017 21:54

Instrument :

BNA_F

ClientSampleId :

NB-01-080917-B

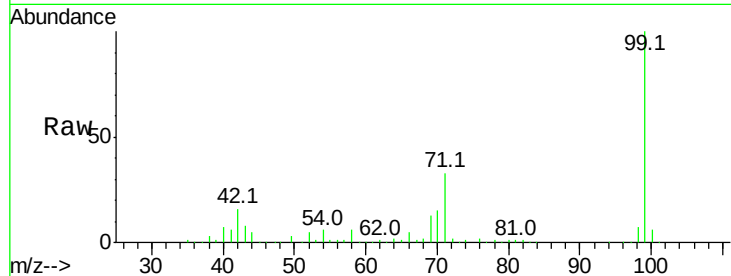
Tot Ion: 99 Resp: 223073

Ion Ratio Lower Upper

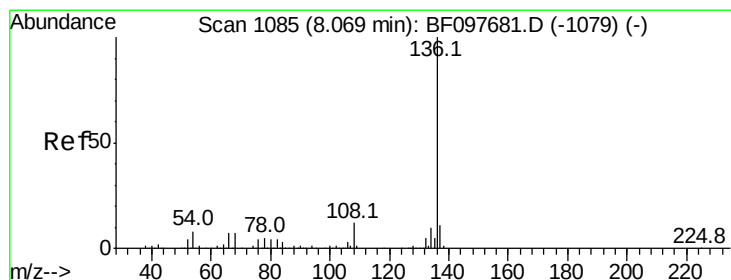
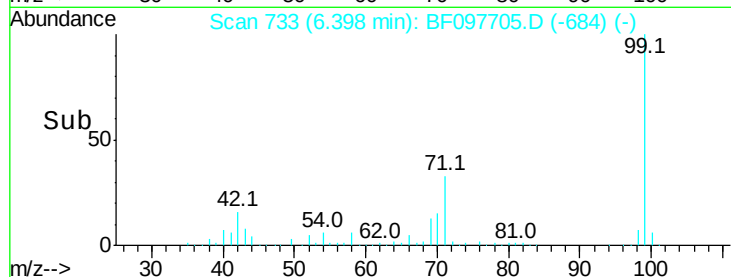
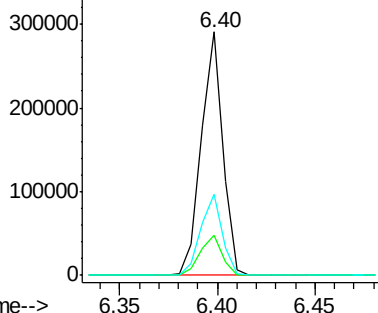
99 100

42 16.4 13.5 20.3

71 33.4 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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097705.D

Acq: 15 Aug 2017 21:54

Tgt Ion: 136 Resp: 594761

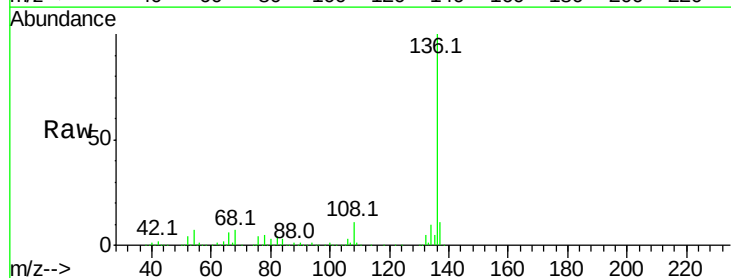
Ion Ratio Lower Upper

136 100

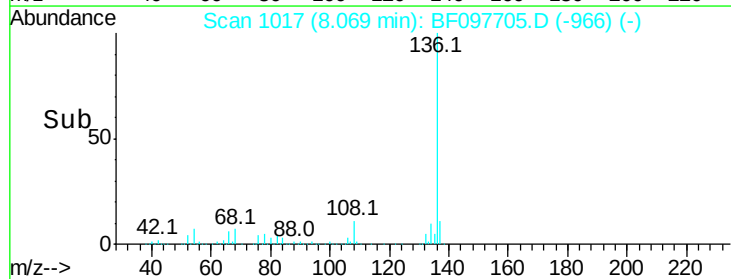
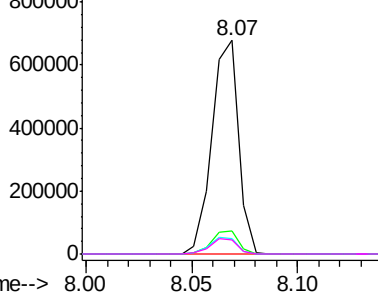
137 11.0 8.5 12.7

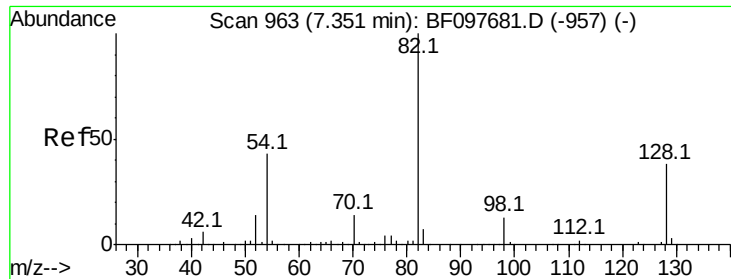
54 7.3 4.9 7.3

68 6.8 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

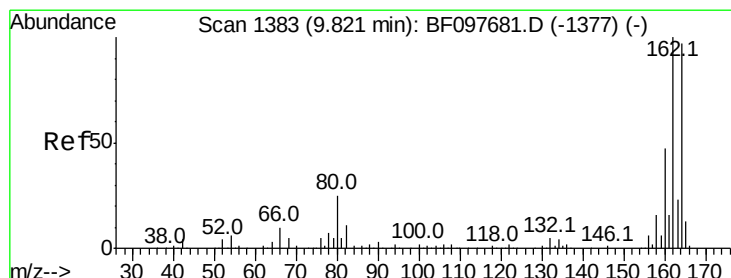
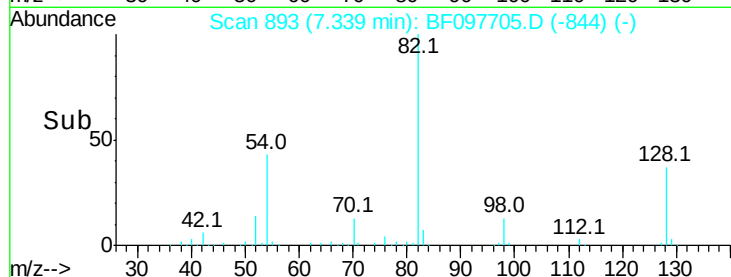
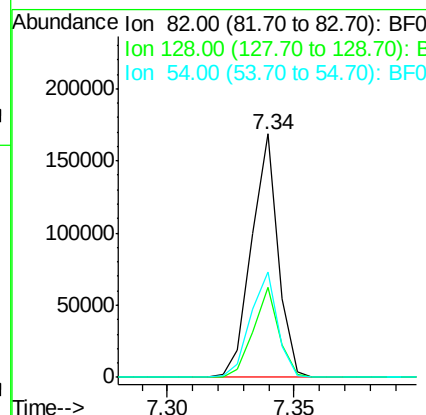
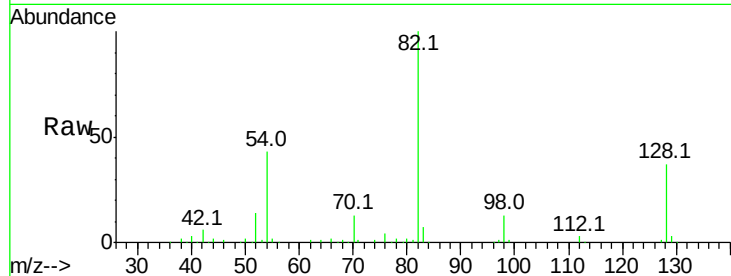




#23
 Nitrobenzene-d5
 Concen: 11.202 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097705.D
 Acq: 15 Aug 2017 21:54

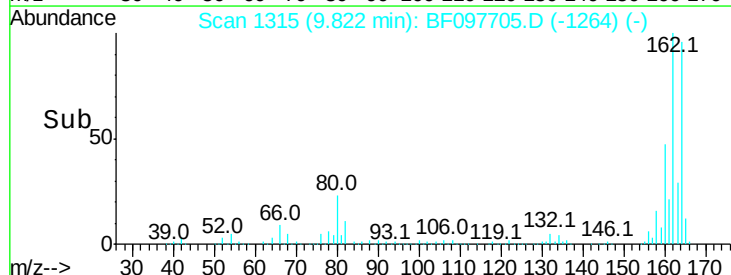
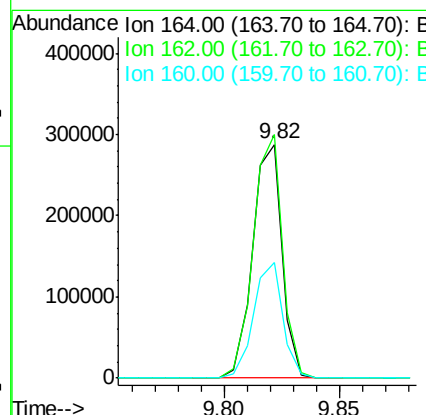
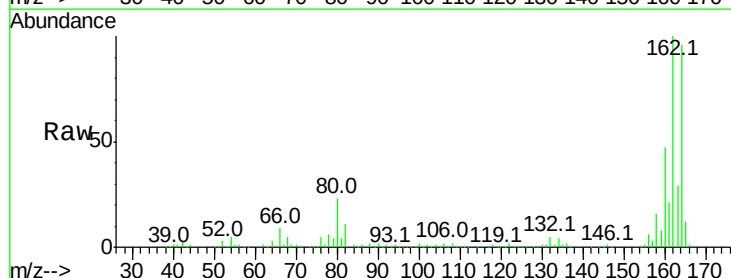
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

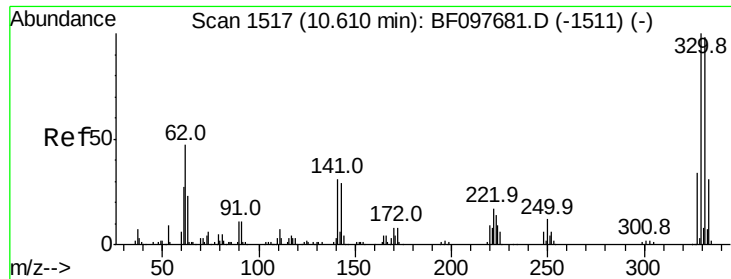
Tot Ion	82	Resp	122640
Ion Ratio	Lower	Upper	
82	100		
128	36.9	34.0	51.0
54	43.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097705.D
 Acq: 15 Aug 2017 21:54

Tgt Ion	164	Resp	256462
Ion Ratio	Lower	Upper	
164	100		
162	104.3	82.6	123.8
160	49.5	36.2	54.2

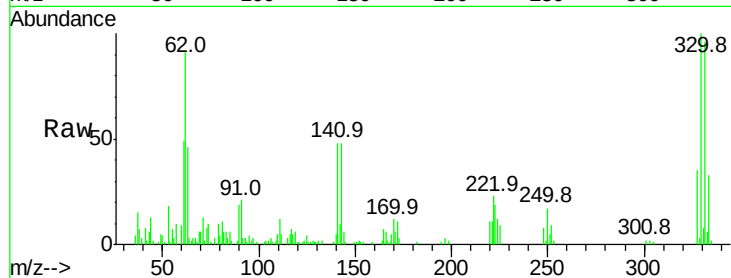




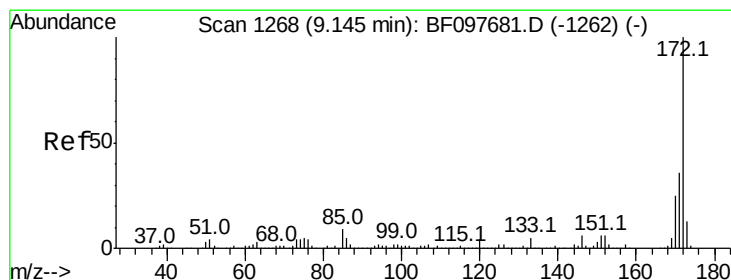
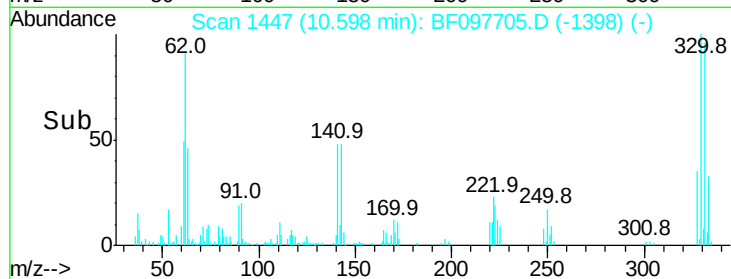
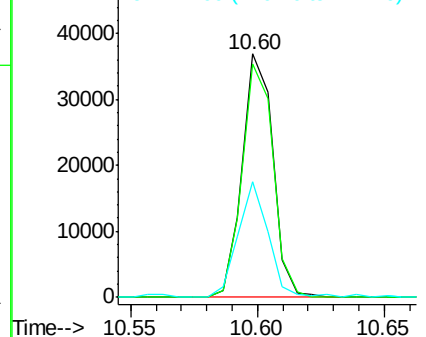
#41
 2,4,6-Tribromophenol
 Concen: 13.938 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097705.D
 Acq: 15 Aug 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	47.0	31.4	47.2

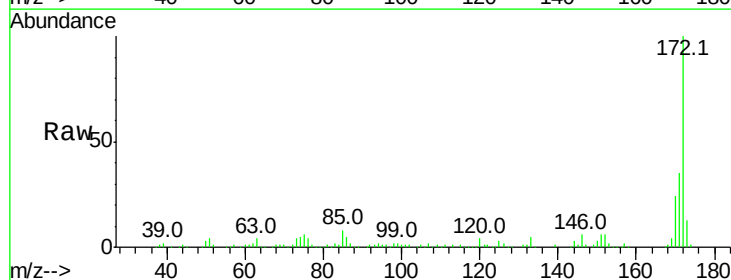


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

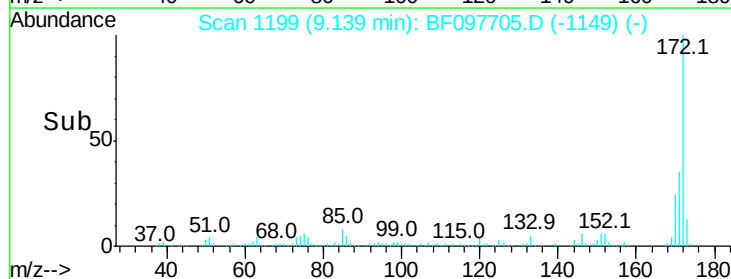
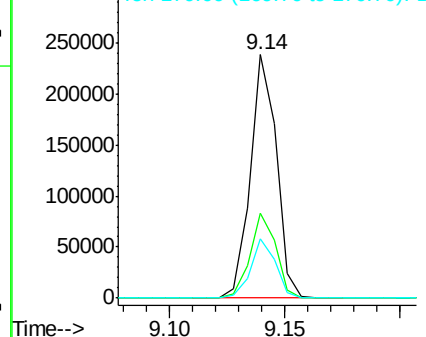


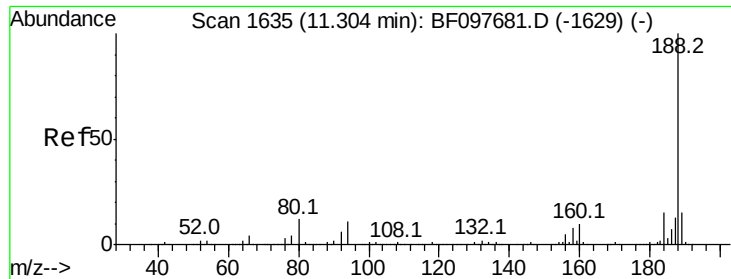
#44
 2-Fluorobiphenyl
 Concen: 10.792 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097705.D
 Acq: 15 Aug 2017 21:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	24.4	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

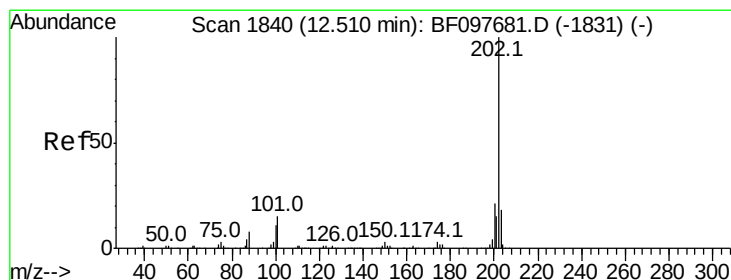
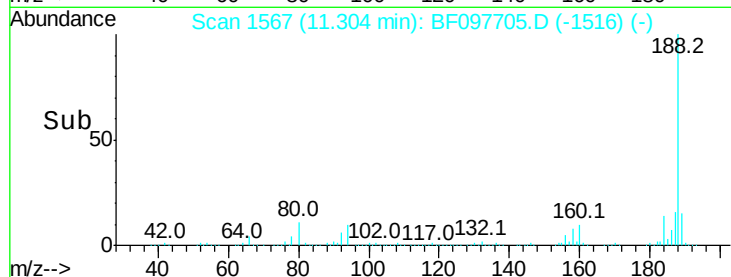
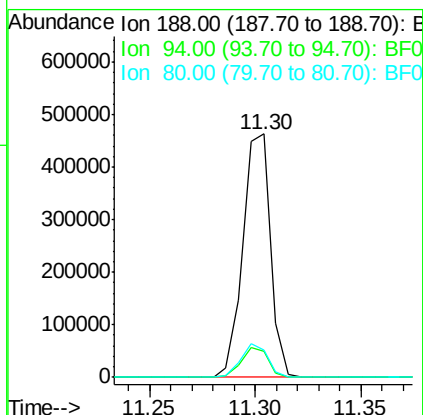
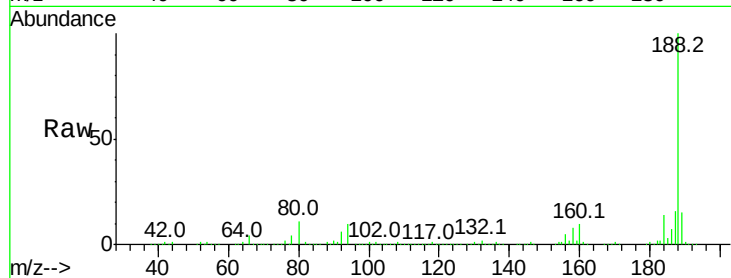




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097705.D
Acq: 15 Aug 2017 21:54

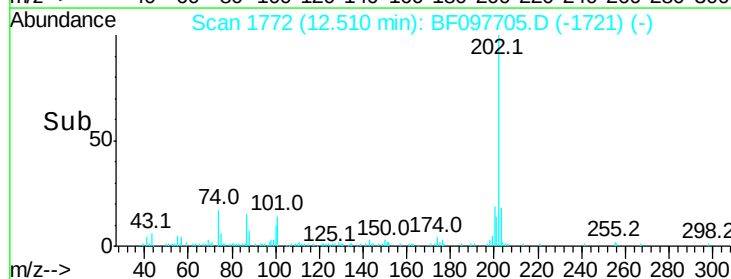
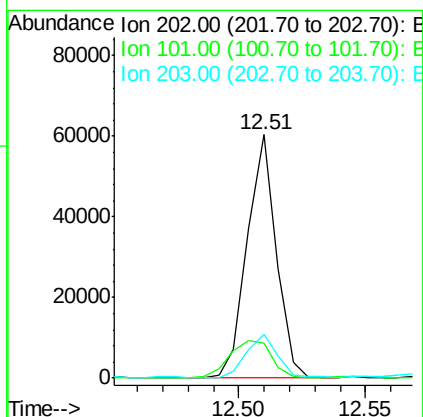
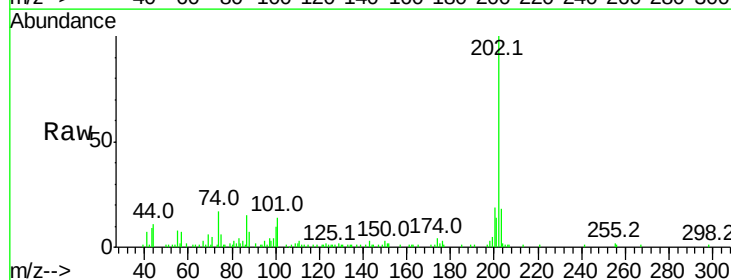
Instrument :
BNA_F
ClientSampleId :
NB-01-080917-B

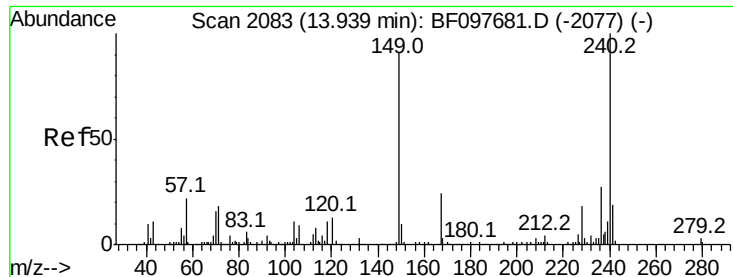
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.3	10.2	15.2



#74
Fluoranthene
Concen: 2.078 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097705.D
Acq: 15 Aug 2017 21:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097705.D

Acq: 15 Aug 2017 21:54

Instrument :

BNA_F

ClientSampleId :

NB-01-080917-B

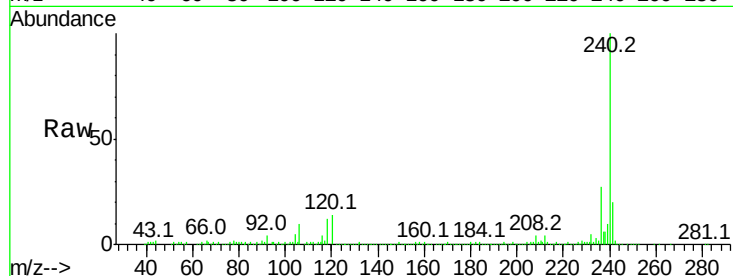
Tot Ion:240 Resp: 304226

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

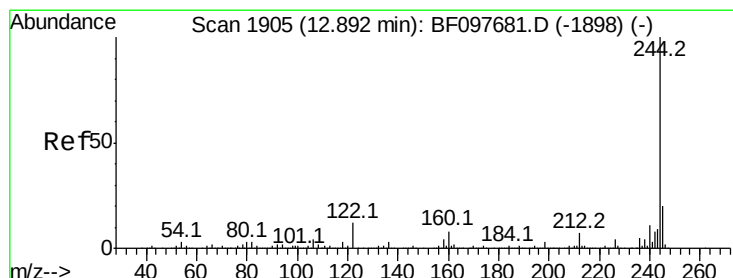
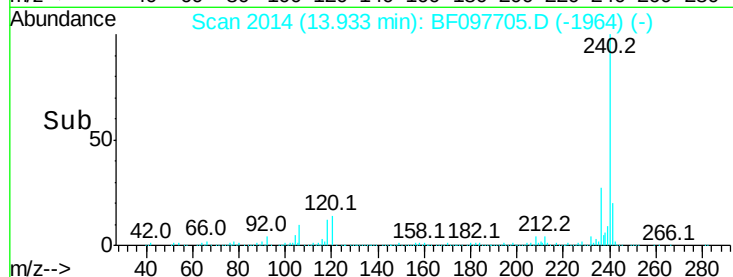
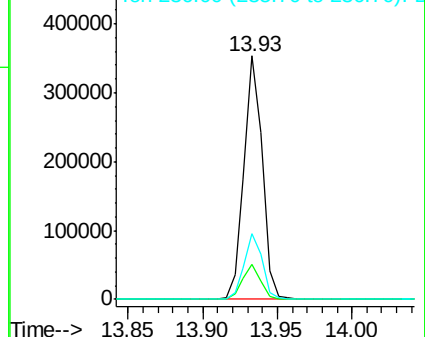
236 26.8 20.5 30.7



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: 7.482 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097705.D

Acq: 15 Aug 2017 21:54

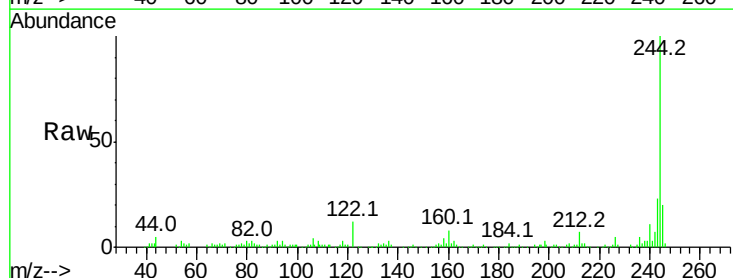
Tgt Ion:244 Resp: 109159

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

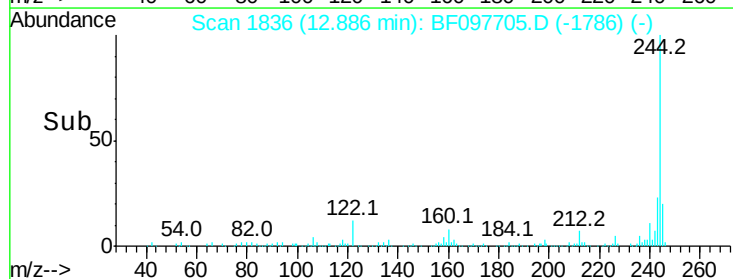
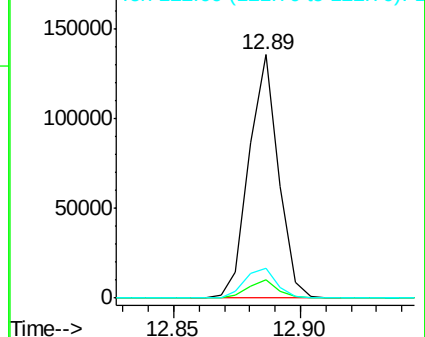
122 12.4 10.3 15.5

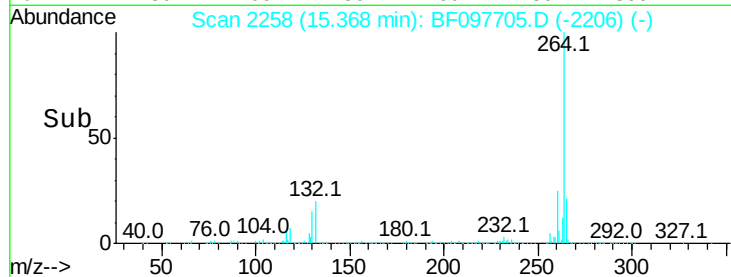
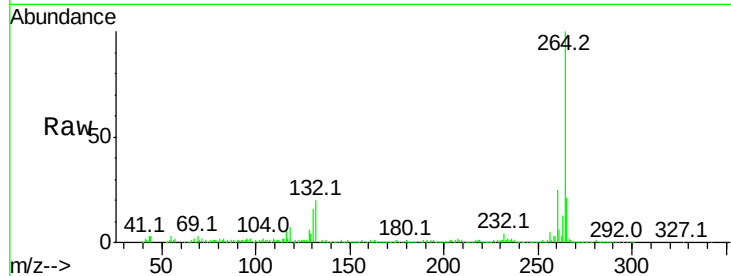
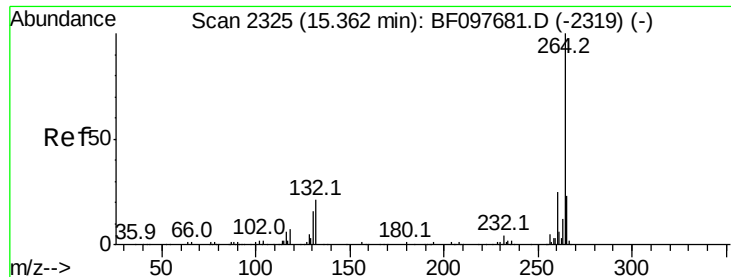


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BF097705.D
 Acq: 15 Aug 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.3	17.2	25.8

