

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097237.D
 Acq On : 1 Aug 2017 17:52
 Operator : SJ/JU
 Sample : I4524-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-072817

Quant Time: Aug 02 04:11:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	102185	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	430934	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	156082	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	219591	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	195669	20.00	ng	-0.04
86) Perylene-d12	14.93	264	158986	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	782131	115.38	ng	-0.01
7) Phenol-d6	6.14	99	926627	119.74	ng	-0.03
23) Nitrobenzene-d5	7.03	82	628105	85.51	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	152085	123.33	ng	-0.04
44) 2-Fluorobiphenyl	8.83	172	918882	99.91	ng	-0.04
78) Terphenyl-d14	12.55	244	606937	63.24	ng	-0.04

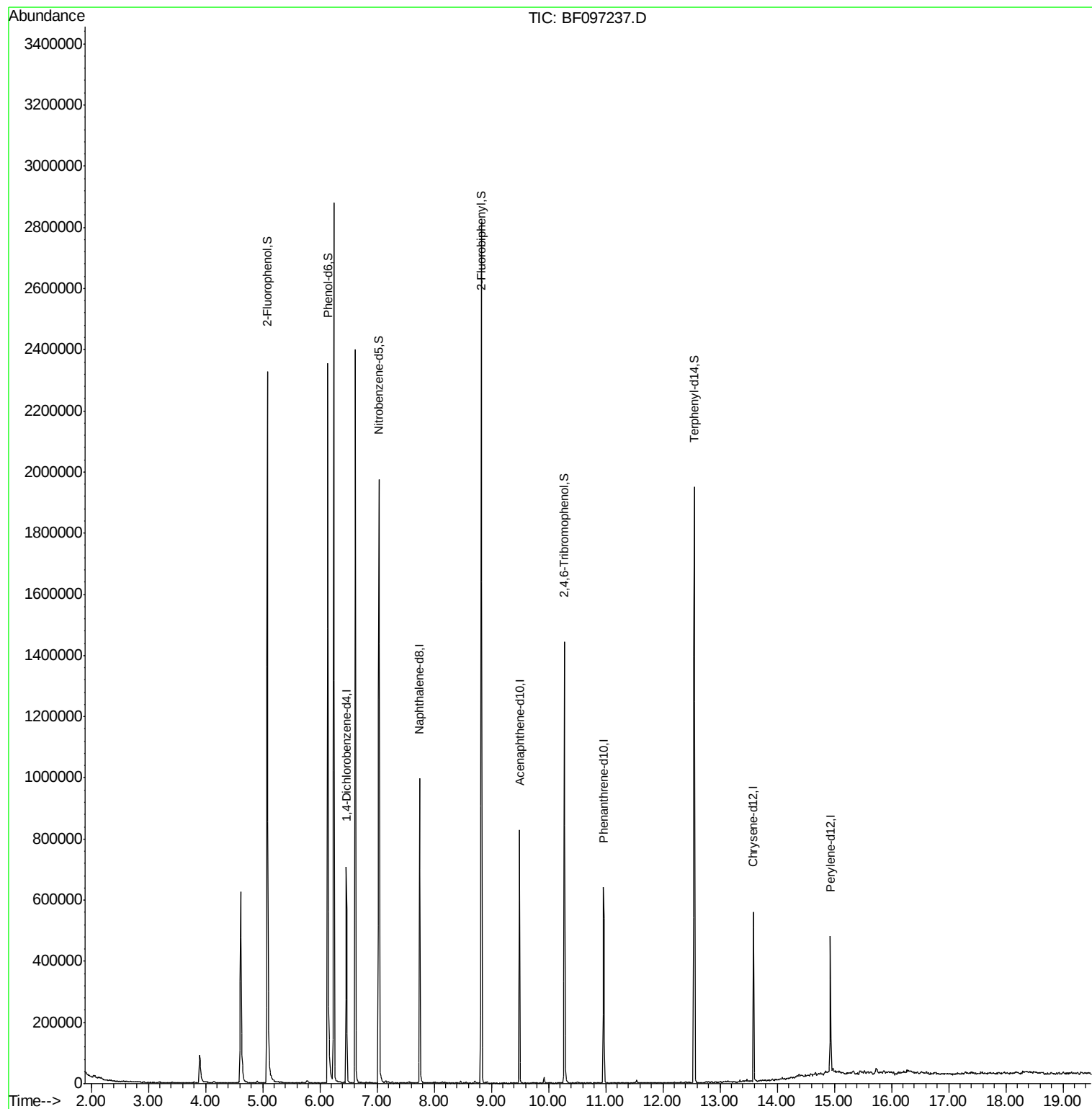
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097237.D

Acq: 1 Aug 2017 17:52

Instrument :

BNA_F

ClientSampleId :

SU-04-072817

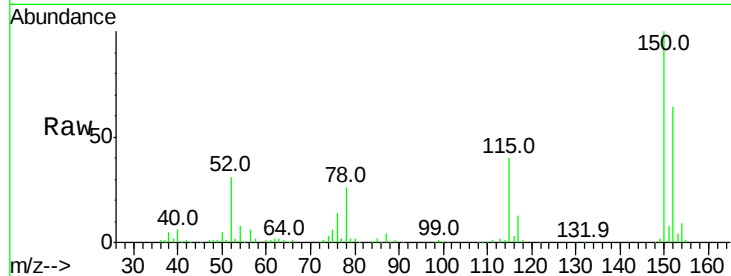
Tot Ion:152 Resp: 102185

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

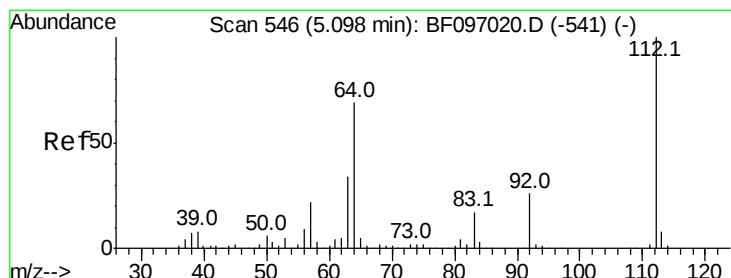
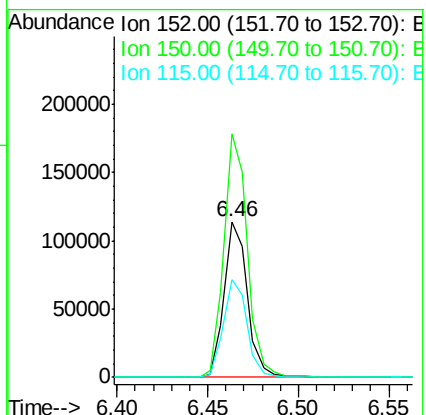
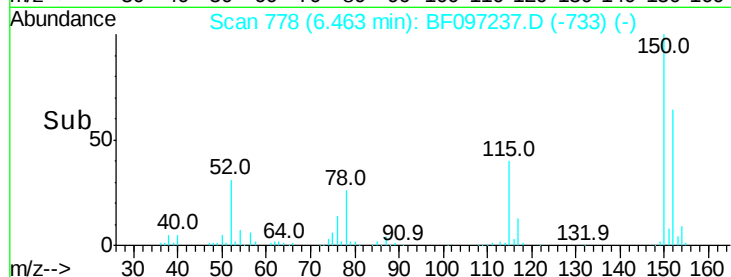
115 62.7 52.2 78.2



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: 115.384 ng

RT: 5.09 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF097237.D

Acq: 1 Aug 2017 17:52

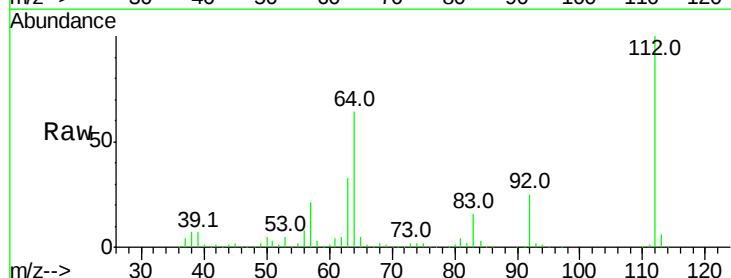
Tgt Ion:112 Resp: 782131

Ion Ratio Lower Upper

112 100

64 63.9 46.0 69.0

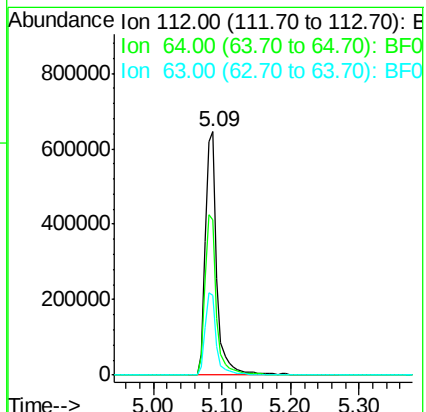
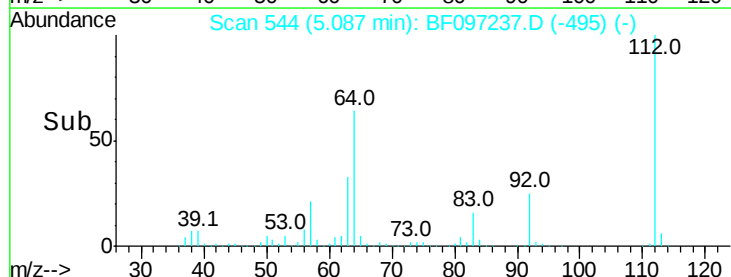
63 33.0 23.4 35.0

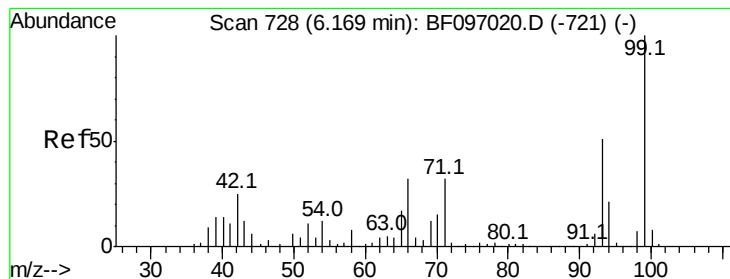


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.743 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097237.D

Acq: 1 Aug 2017 17:52

Instrument :

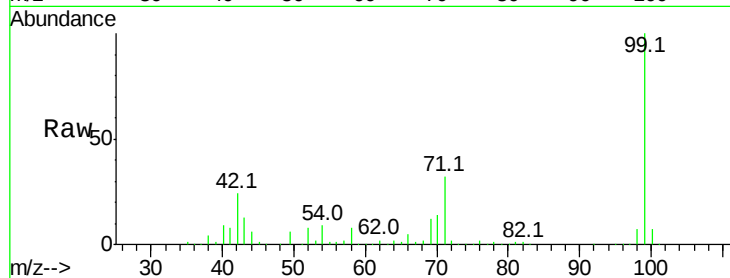
BNA_F

ClientSampleId :

SU-04-072817

Tot Ion: 99 Resp: 926627

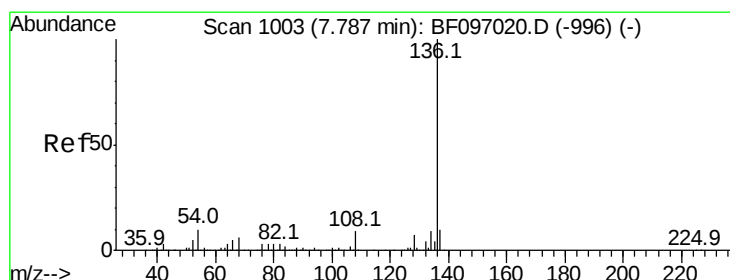
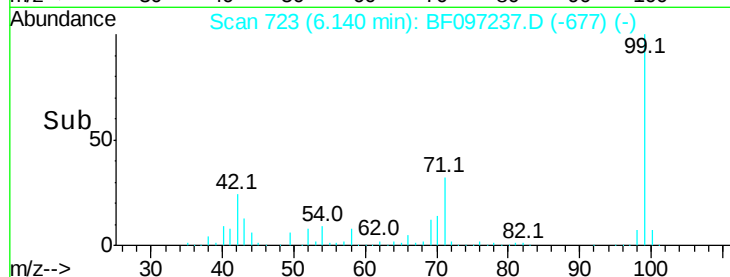
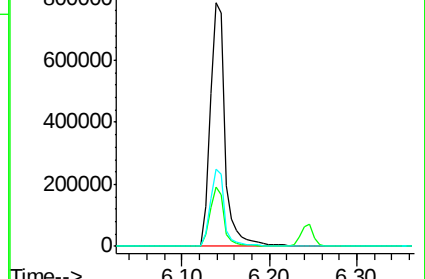
Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	31.8	24.5	36.7



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: 7.75 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF097237.D

Acq: 1 Aug 2017 17:52

Tgt Ion: 136 Resp: 430934

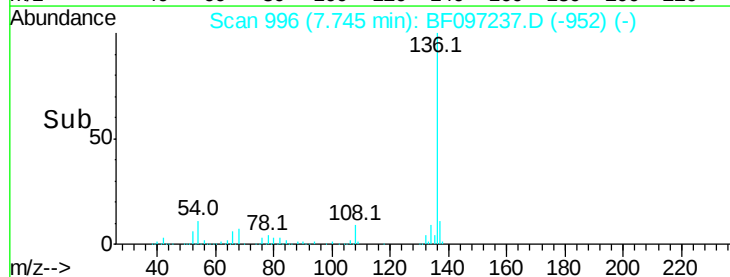
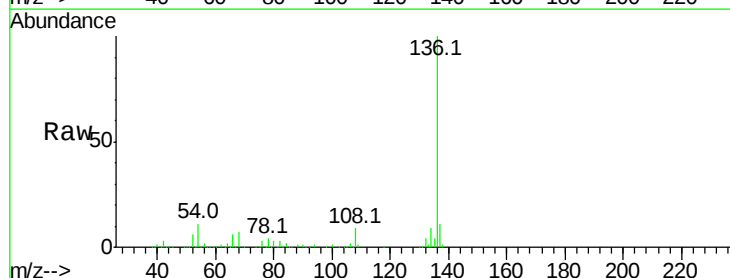
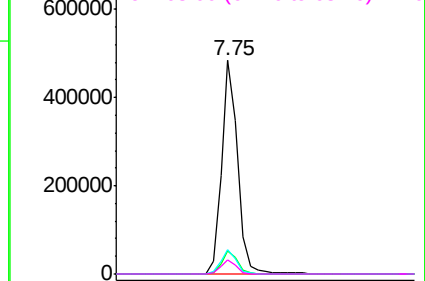
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.3	4.9	7.3#
68	6.8	4.1	6.1#

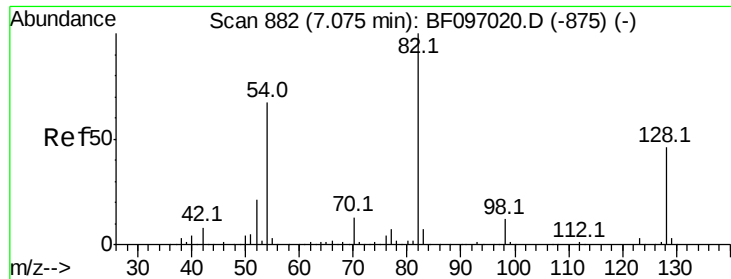
Abundance Ion 136.00 (135.70 to 136.70): E

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

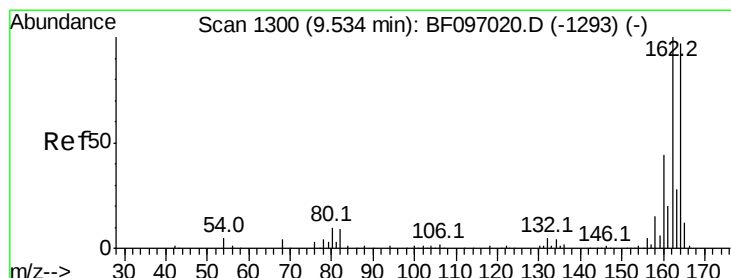
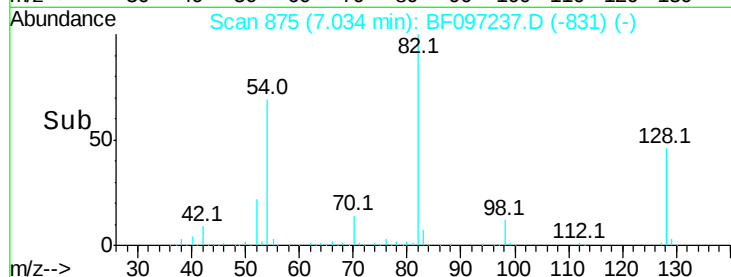
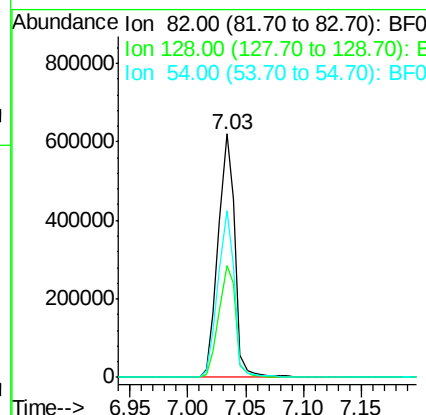
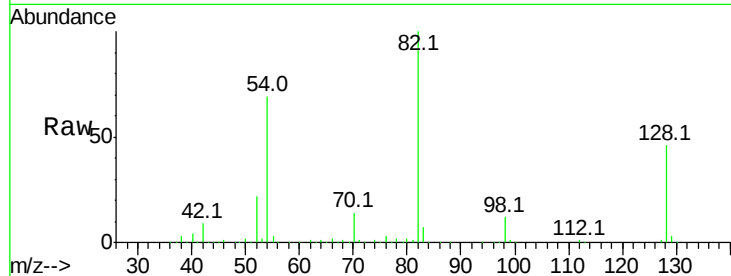




#23
Nitrobenzene-d5
Concen: 85.505 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF097237.D
Acq: 1 Aug 2017 17:52

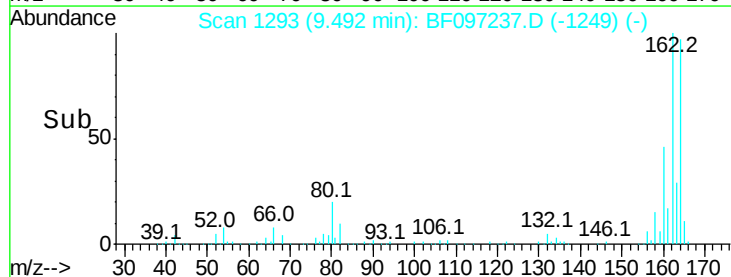
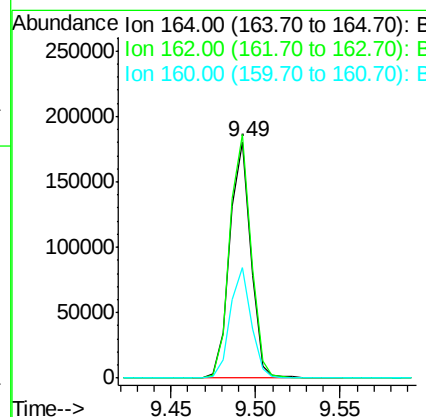
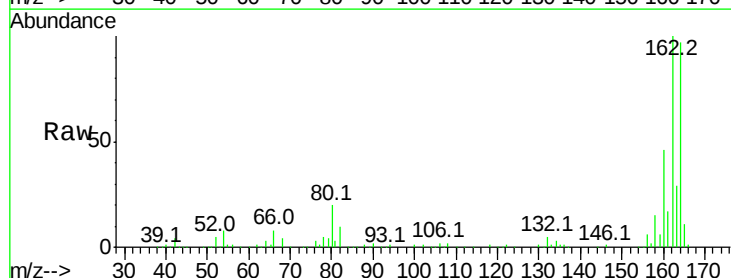
Instrument :
BNA_F
ClientSampleId :
SU-04-072817

Tot Ion: 82 Resp: 628105
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 68.8 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BF097237.D
Acq: 1 Aug 2017 17:52

Tgt Ion:164 Resp: 156082
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 47.1 36.2 54.2

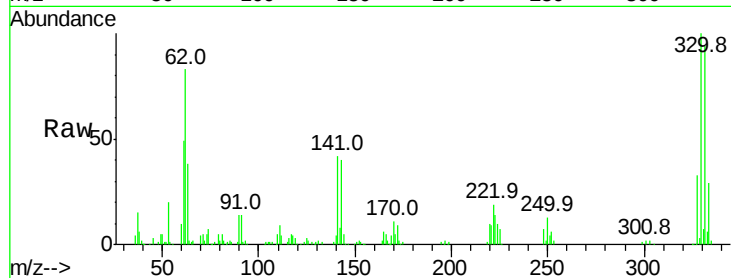




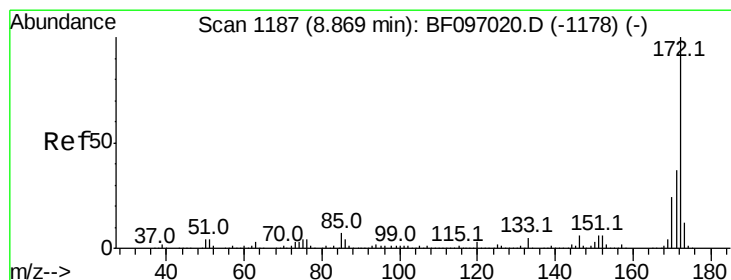
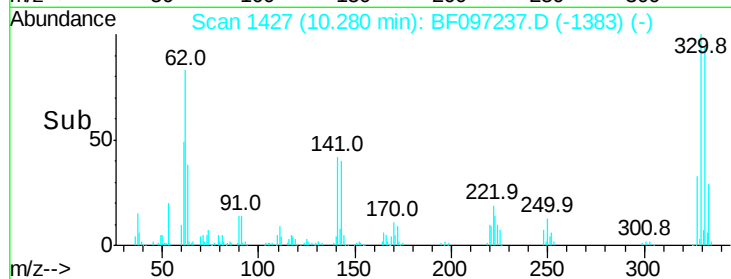
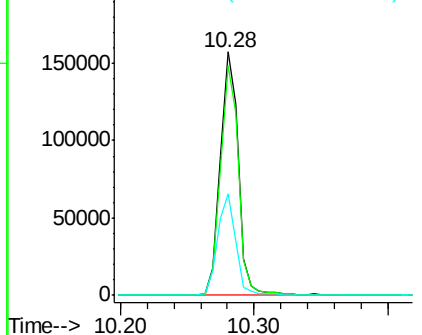
#41
 2,4,6-Tribromophenol
 Concen: 123.326 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097237.D
 Acq: 1 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-072817

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	115.0
141	41.8	31.4	47.2

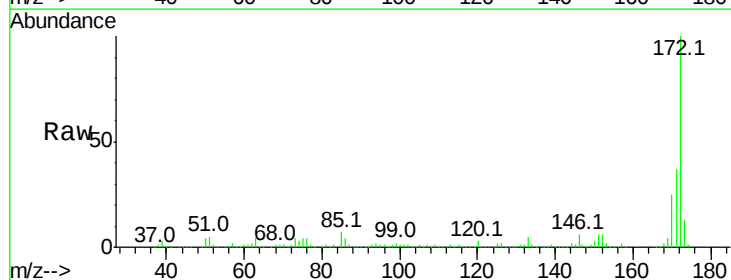


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

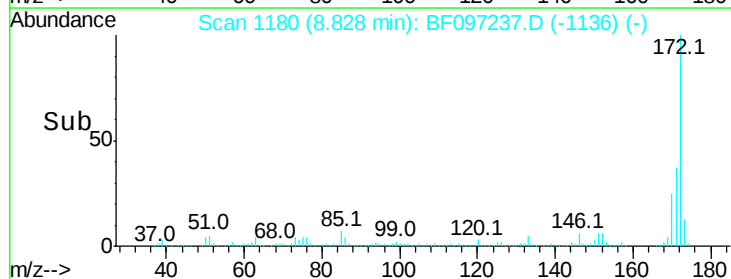
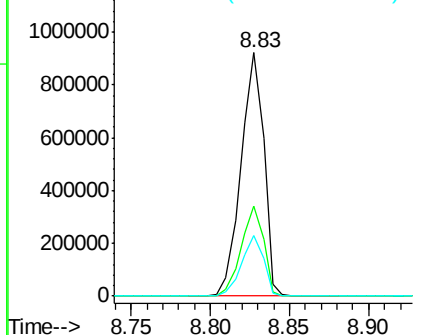


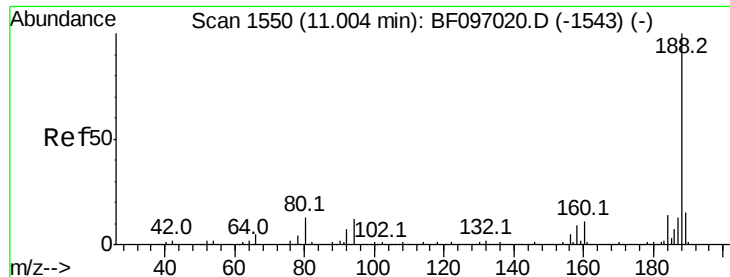
#44
 2-Fluorobiphenyl
 Concen: 99.911 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF097237.D
 Acq: 1 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.9	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

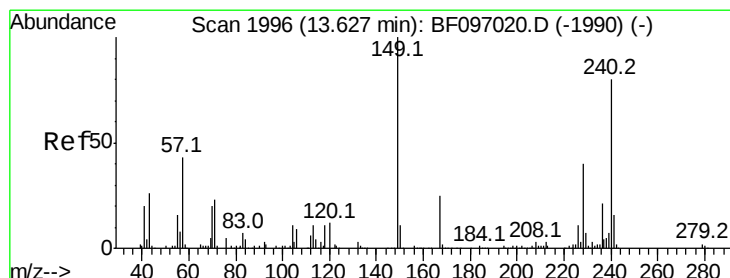
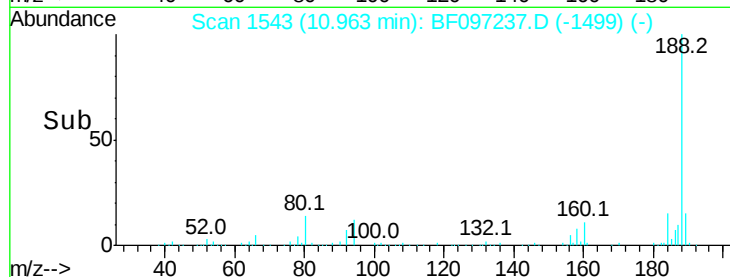
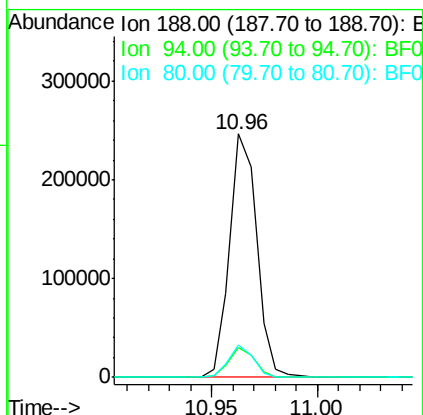
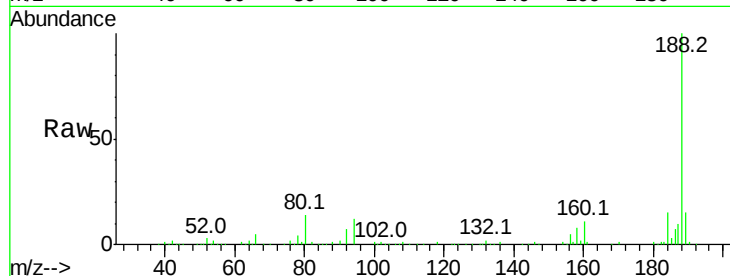




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.04 min
 Lab File: BF097237.D
 Acq: 1 Aug 2017 17:52

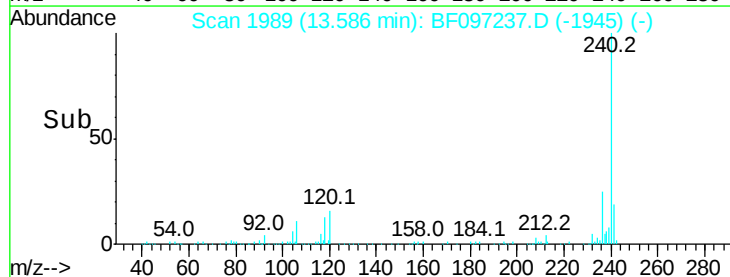
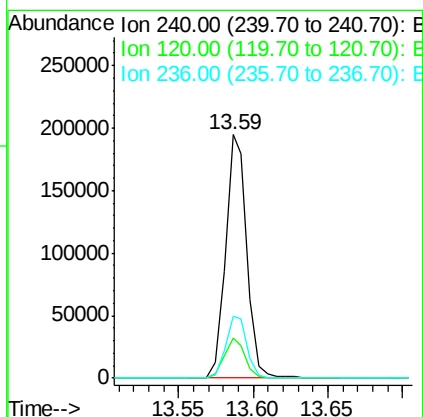
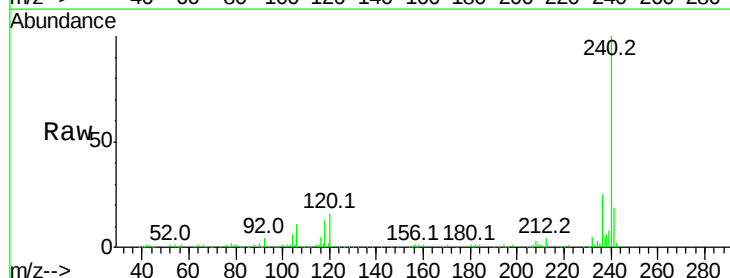
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-072817

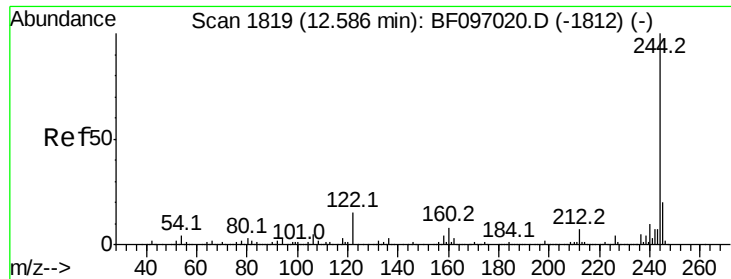
Tot Ion:188 Resp: 219591
 Ion Ratio Lower Upper
 188 100
 94 12.4 9.4 14.2
 80 13.5 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.04 min
 Lab File: BF097237.D
 Acq: 1 Aug 2017 17:52

Tgt Ion:240 Resp: 195669
 Ion Ratio Lower Upper
 240 100
 120 16.4 5.8 8.8#
 236 25.2 20.5 30.7





#78

Terphenyl-d14

Concen: 63.242 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF097237.D

Acq: 1 Aug 2017 17:52

Instrument :

BNA_F

ClientSampleId :

SU-04-072817

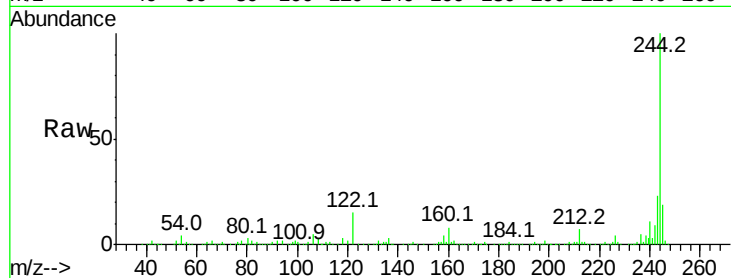
Tot Ion:244 Resp: 606937

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

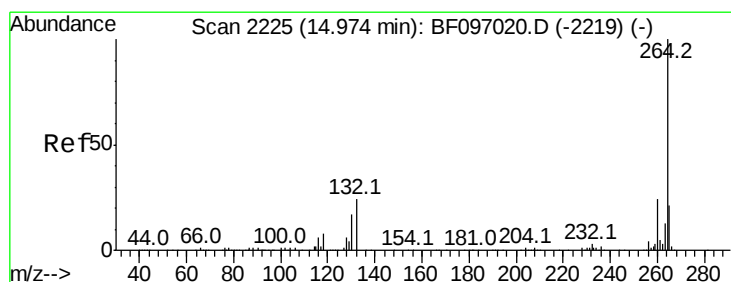
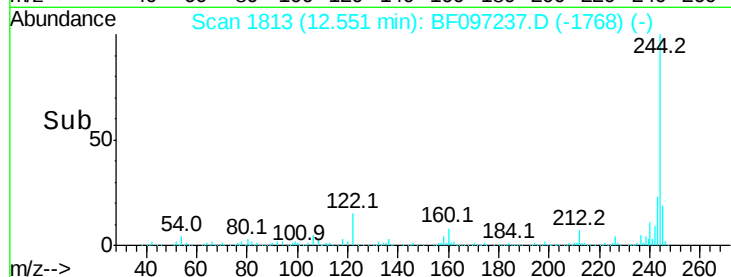
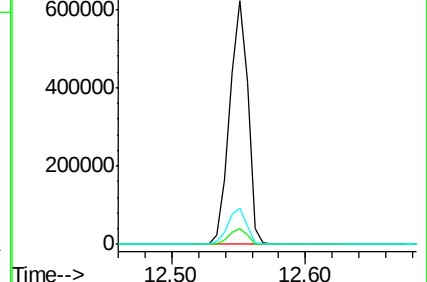
122 14.9 10.3 15.5



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: 14.93 min Scan# 2218

Delta R.T. -0.04 min

Lab File: BF097237.D

Acq: 1 Aug 2017 17:52

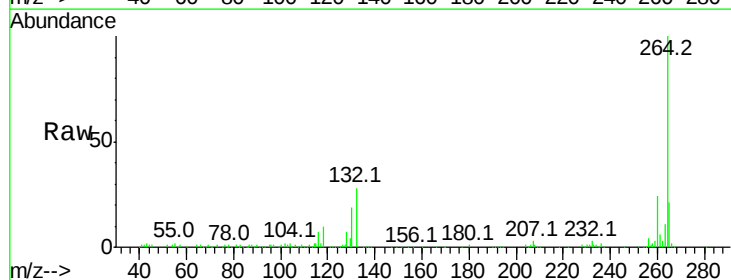
Tgt Ion:264 Resp: 158986

Ion Ratio Lower Upper

264 100

260 24.1 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

