

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097230.D
 Acq On : 1 Aug 2017 14:04
 Operator : SJ/JU
 Sample : I4488-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-C

Quant Time: Aug 01 15:42:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:57:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	102163	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	395179	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	136027	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	198714	20.00	ng	0.00
75) Chrysene-d12	13.59	240	195940	20.00	ng	0.00
86) Perylene-d12	14.94	264	151205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	665349	98.18	ng	0.01
7) Phenol-d6	6.15	99	767970	99.26	ng	0.00
23) Nitrobenzene-d5	7.03	82	530440	78.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	114826	106.84	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	740363	92.37	ng	0.00
78) Terphenyl-d14	12.55	244	512987	53.38	ng	0.00

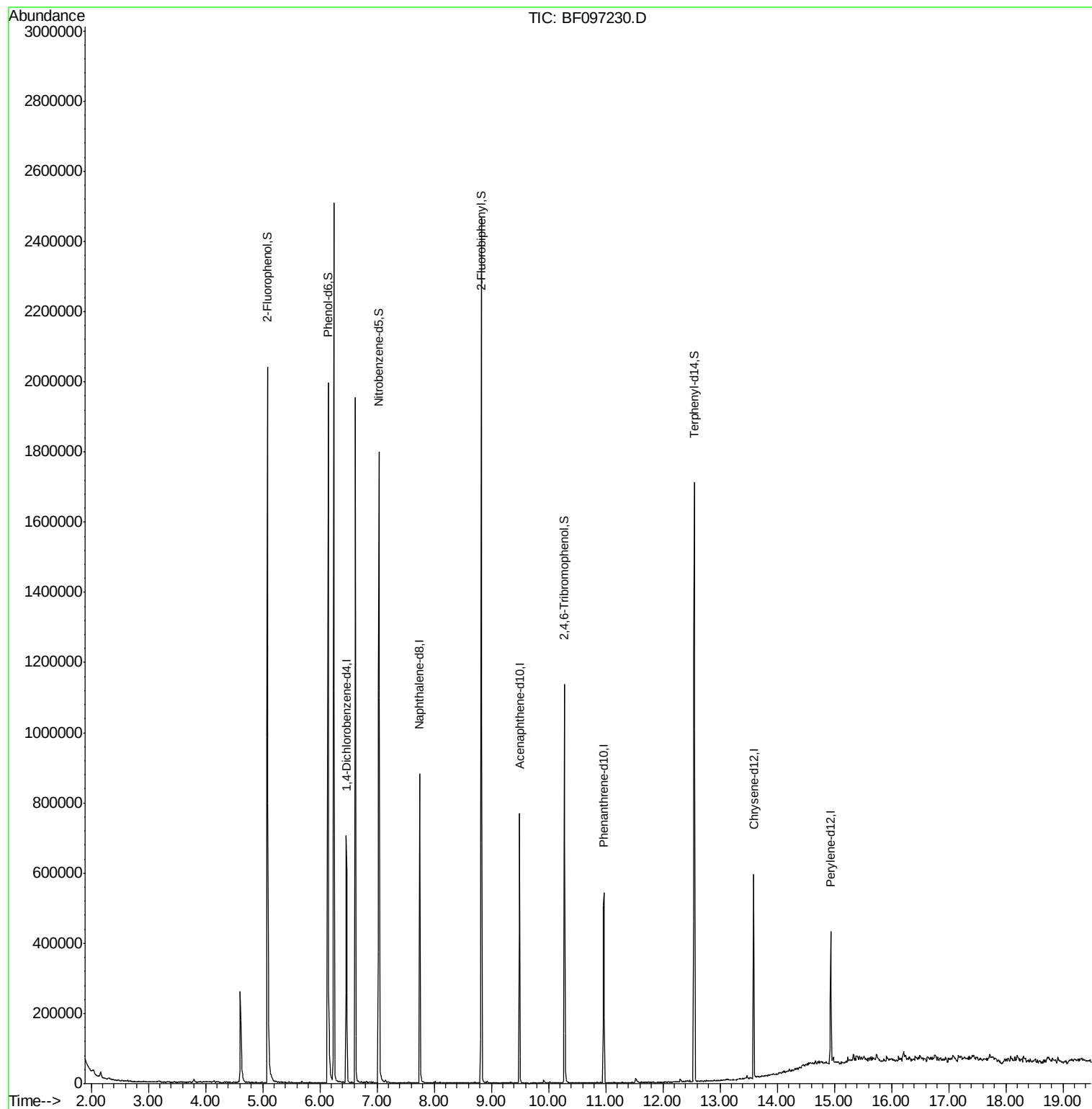
Target Compounds Qvalue

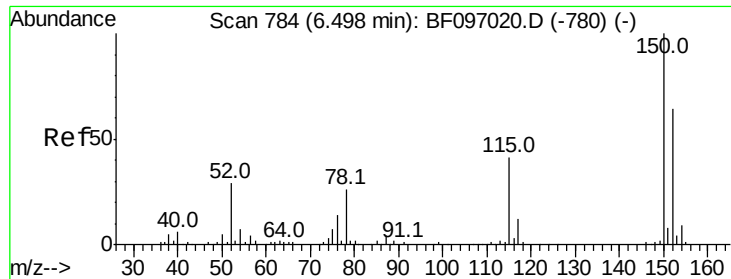
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097230.D
Acq On : 1 Aug 2017 14:04
Operator : SJ/JU
Sample : I4488-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-C

Quant Time: Aug 01 15:42:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 01 14:57:42 2017
Response via : Initial Calibration



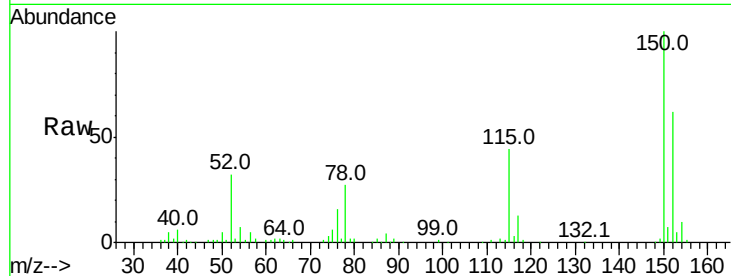


#1

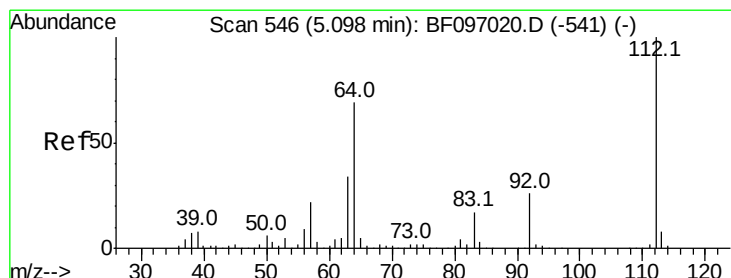
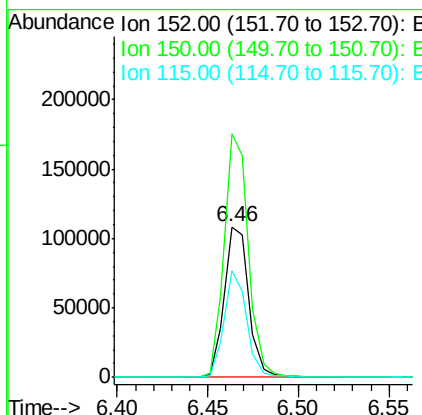
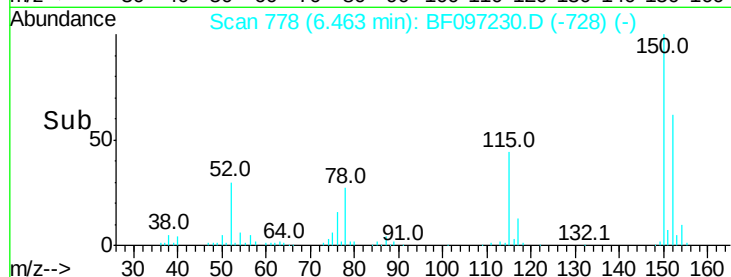
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF097230.D
 Acq: 1 Aug 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-C

Tot Ion:152 Resp: 102163
 Ion Ratio Lower Upper
 152 100
 150 162.0 126.2 189.2
 115 70.6 52.2 78.2



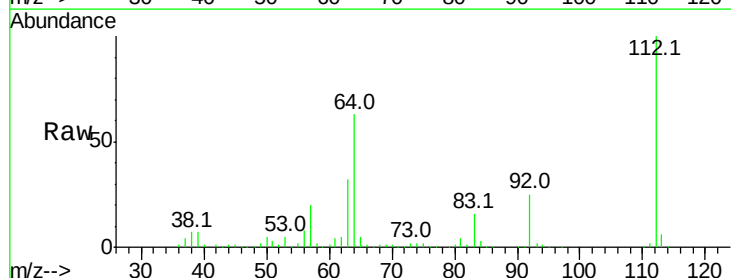
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



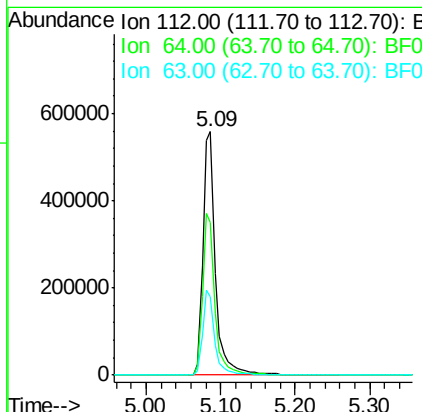
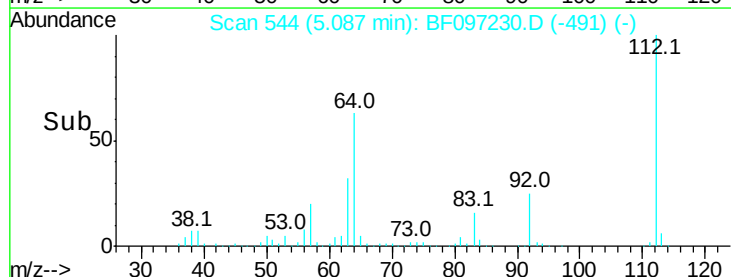
#5

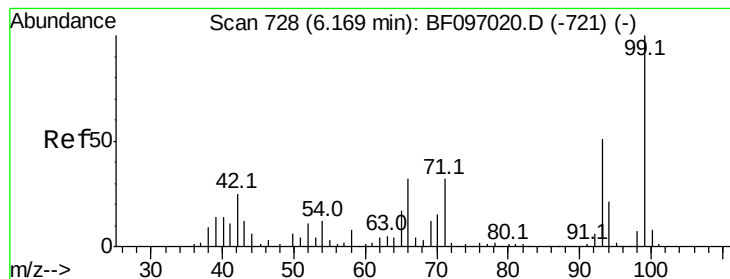
2-Fluorophenol
 Concen: 98.177 ng
 RT: 5.09 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF097230.D
 Acq: 1 Aug 2017 14:04

Tgt Ion:112 Resp: 665349
 Ion Ratio Lower Upper
 112 100
 64 62.6 46.0 69.0
 63 32.2 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: 99.262 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF097230.D

Acq: 1 Aug 2017 14:04

Instrument :

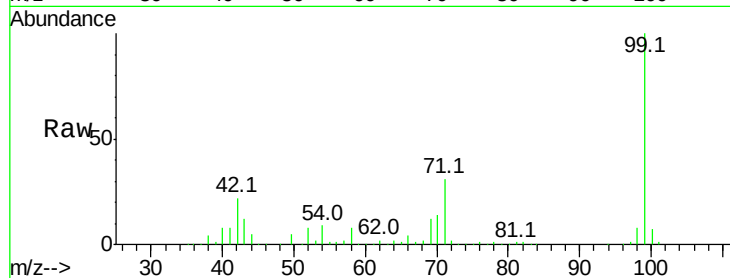
BNA_F

ClientSampleId :

CL-02-072717-C

Tot Ion: 99 Resp: 767970

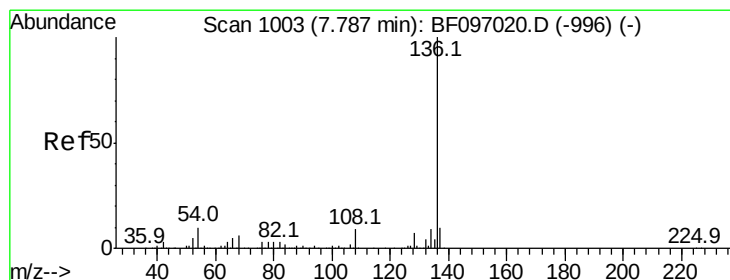
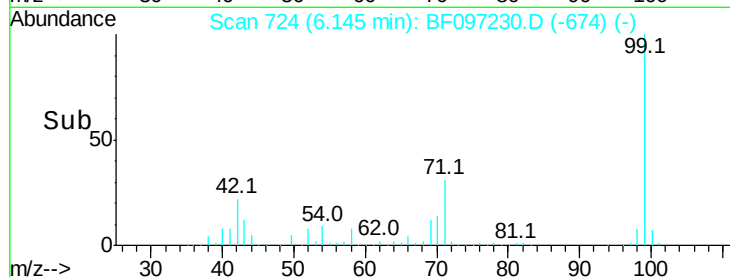
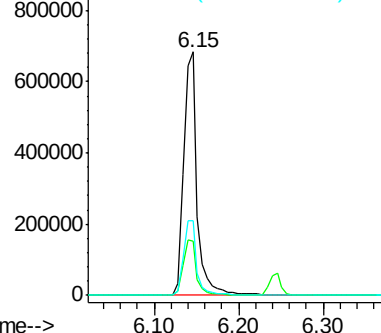
Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	30.7	24.5	36.7



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. -0.01 min

Lab File: BF097230.D

Acq: 1 Aug 2017 14:04

Tgt Ion: 136 Resp: 395179

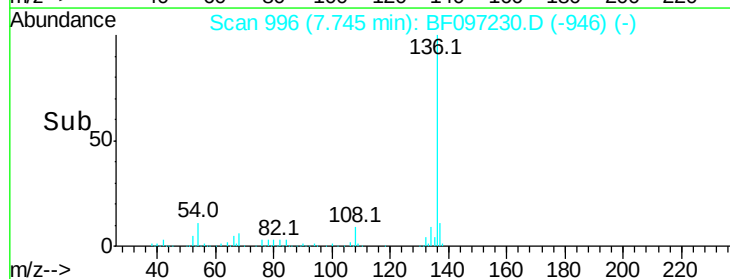
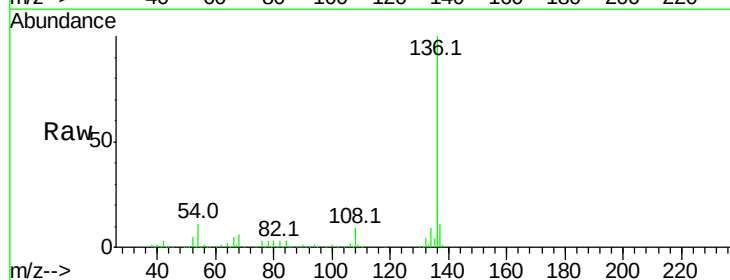
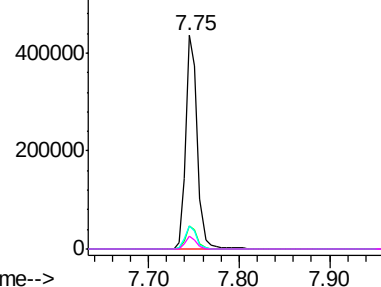
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.7	4.9	7.3#
68	5.9	4.1	6.1

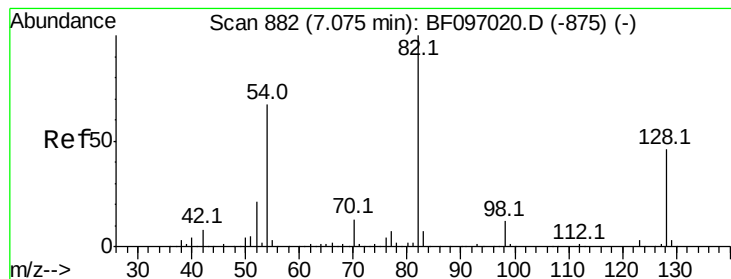
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.743 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF097230.D

Acq: 1 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-C

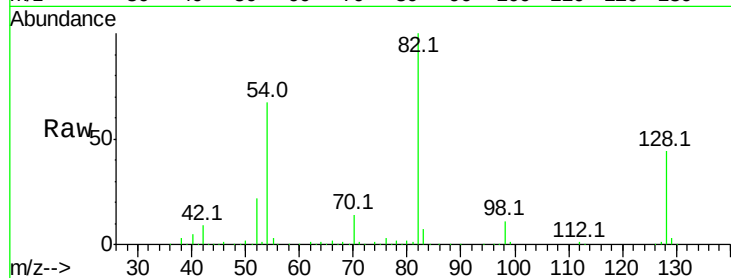
Tot Ion: 82 Resp: 530440

Ion Ratio Lower Upper

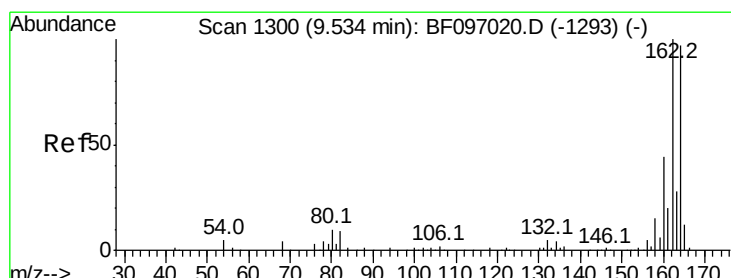
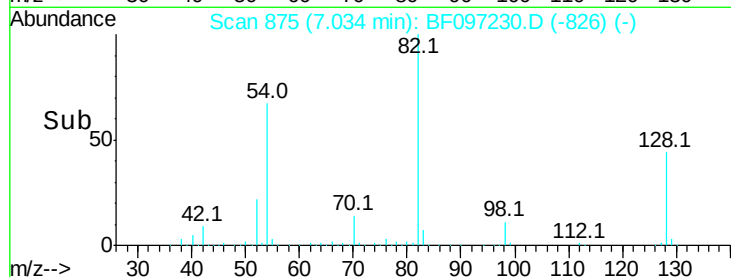
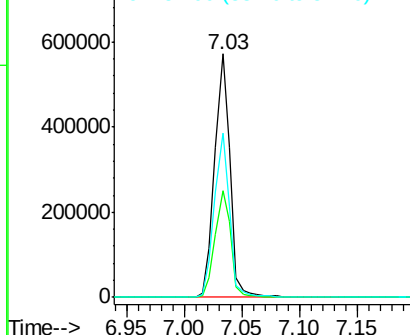
82 100

128 43.6 34.0 51.0

54 67.4 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF097230.D

Acq: 1 Aug 2017 14:04

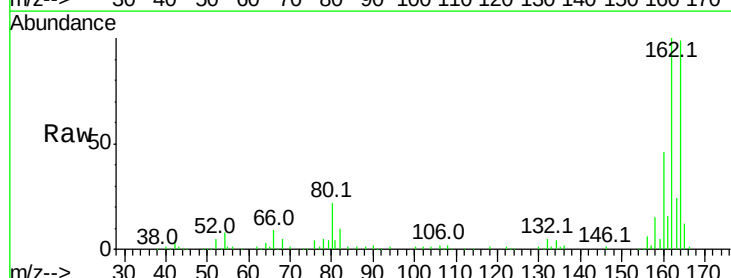
Tgt Ion:164 Resp: 136027

Ion Ratio Lower Upper

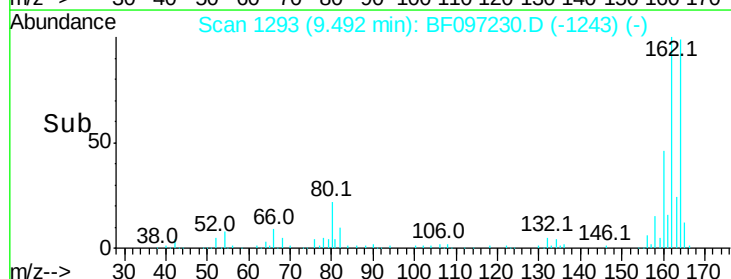
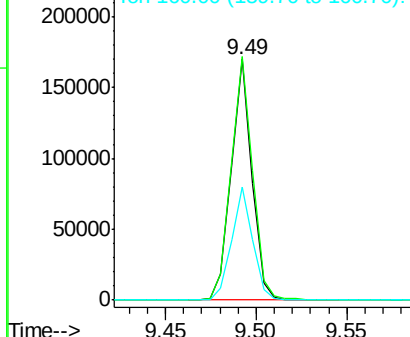
164 100

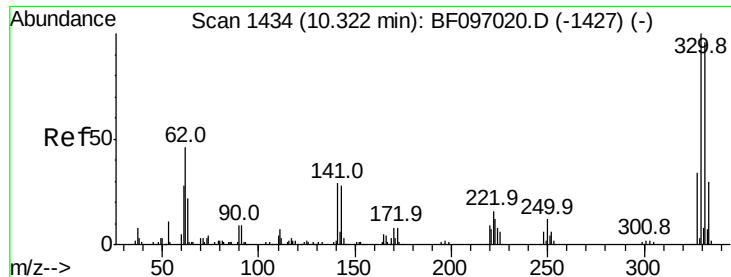
162 101.1 82.6 123.8

160 46.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

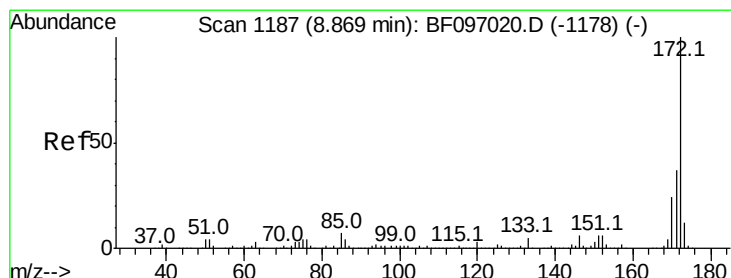
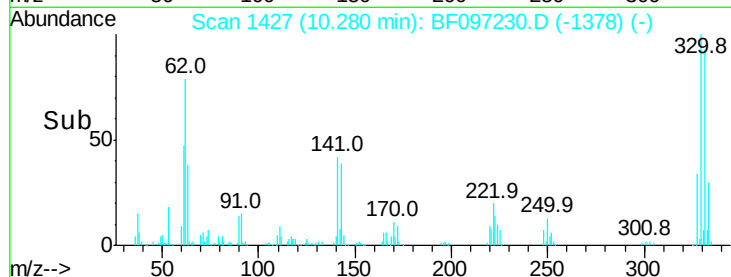
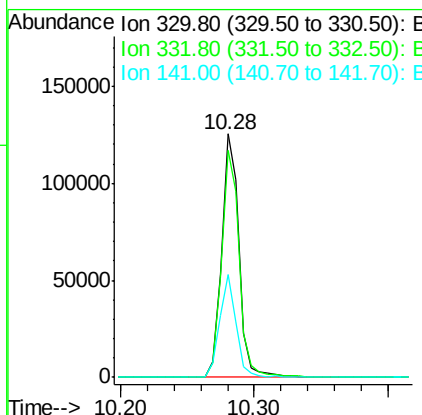
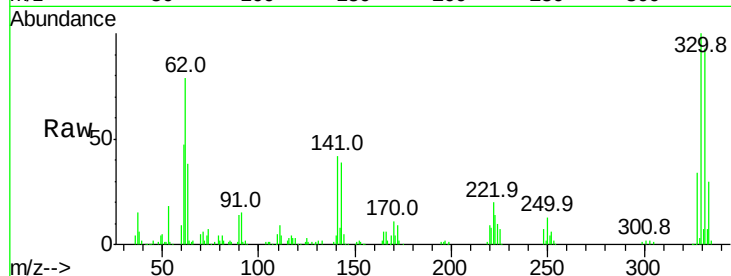




#41
 2,4,6-Tribromophenol
 Concen: 106.840 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097230.D
 Acq: 1 Aug 2017 14:04

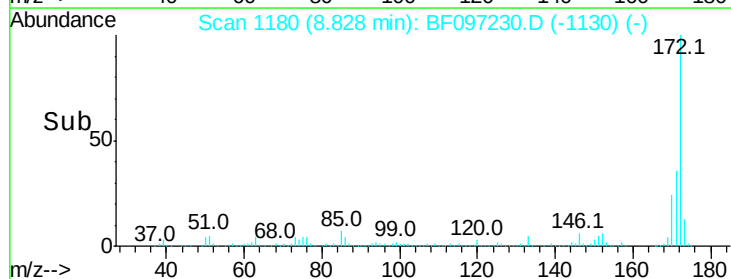
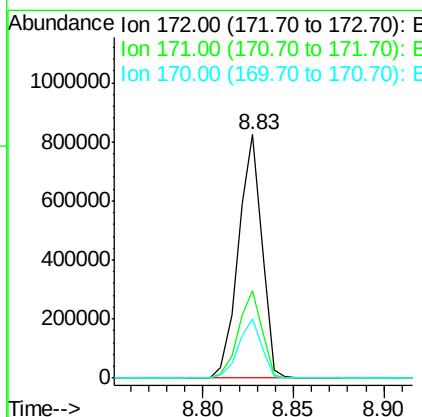
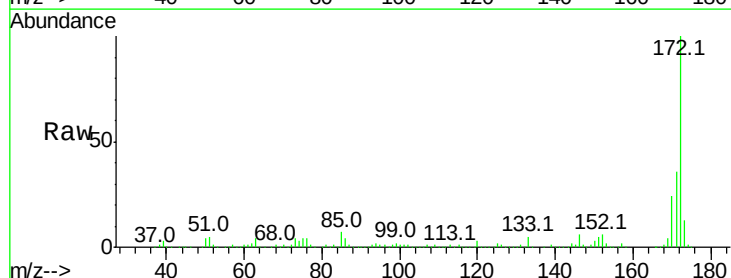
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-C

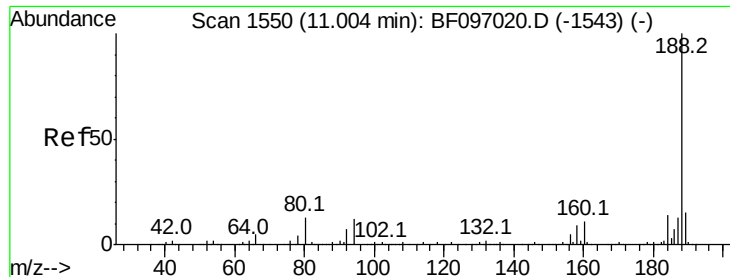
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	40.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 92.369 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF097230.D
 Acq: 1 Aug 2017 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.2	19.8	29.8

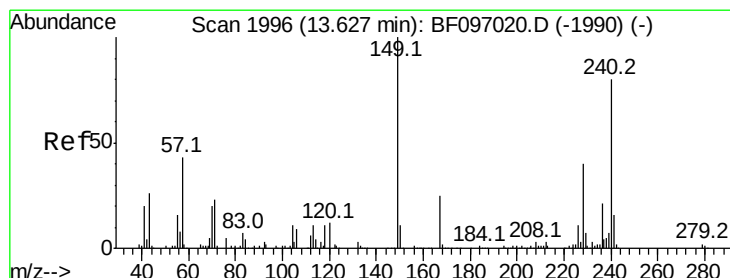
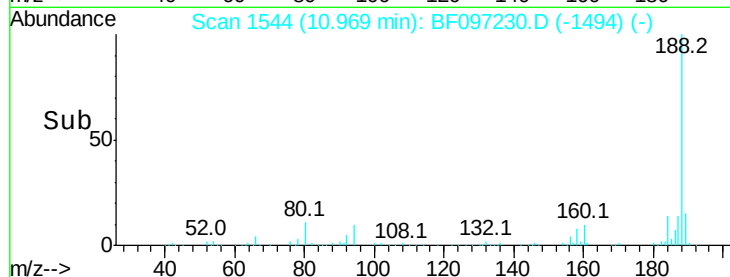
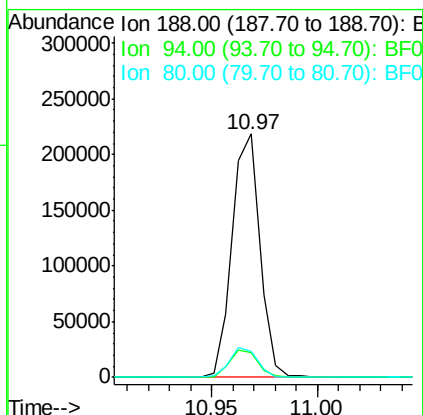
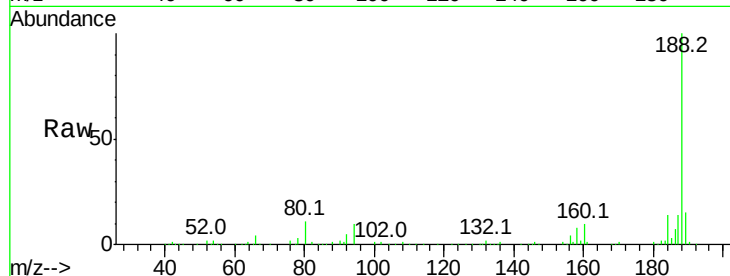




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF097230.D
Acq: 1 Aug 2017 14:04

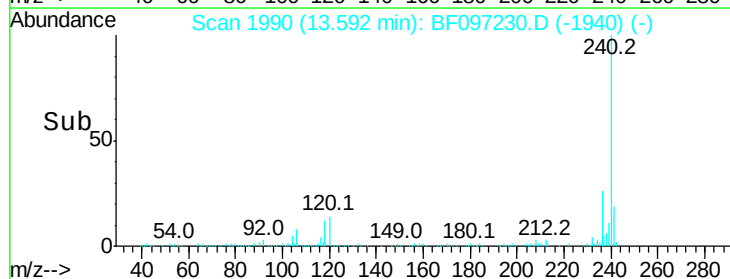
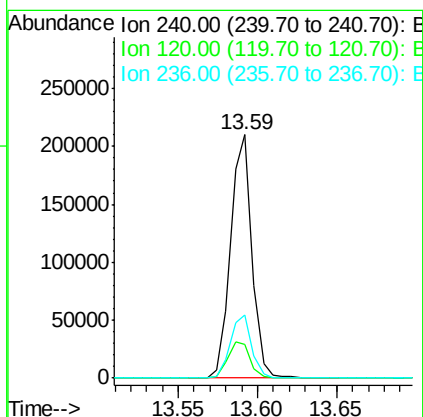
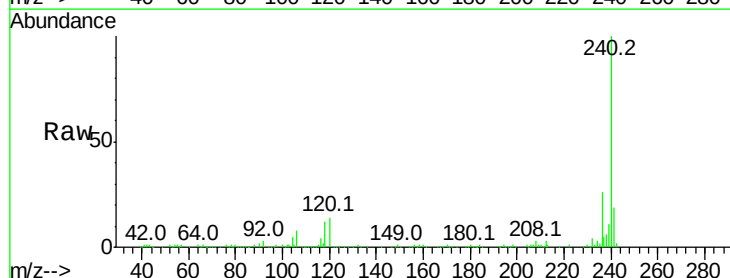
Instrument :
BNA_F
ClientSampleId :
CL-02-072717-C

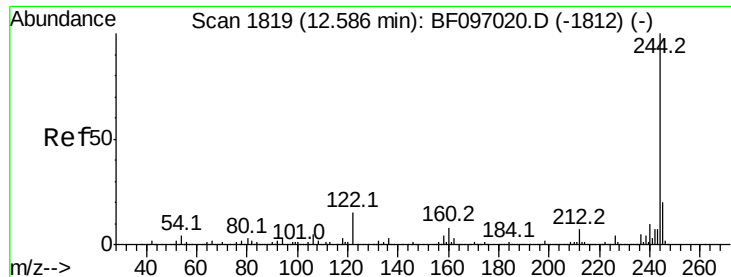
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF097230.D
Acq: 1 Aug 2017 14:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.0	20.5	30.7





#78

Terphenyl-d14

Concen: 53.379 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF097230.D

Acq: 1 Aug 2017 14:04

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-C

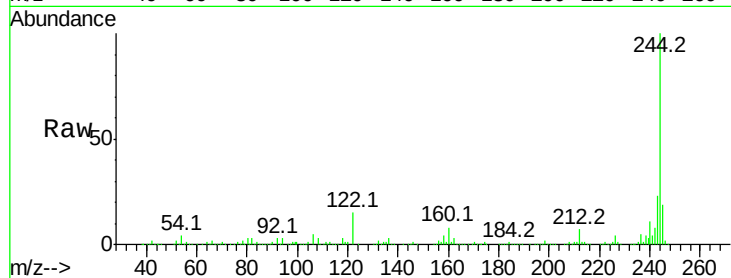
Tot Ion:244 Resp: 512987

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

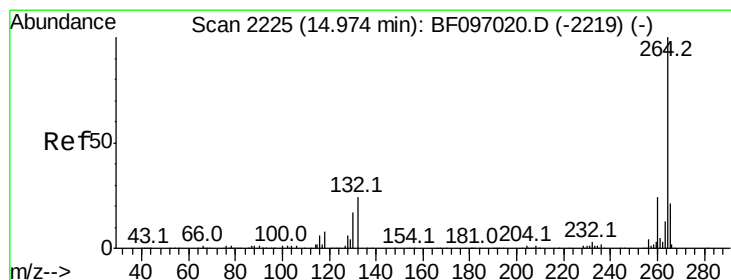
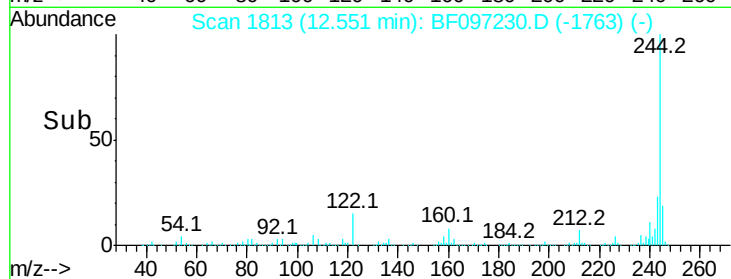
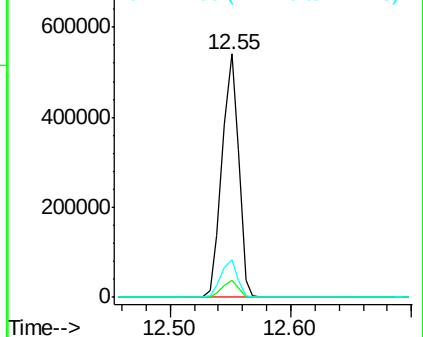
122 15.2 10.3 15.5



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: 14.94 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF097230.D

Acq: 1 Aug 2017 14:04

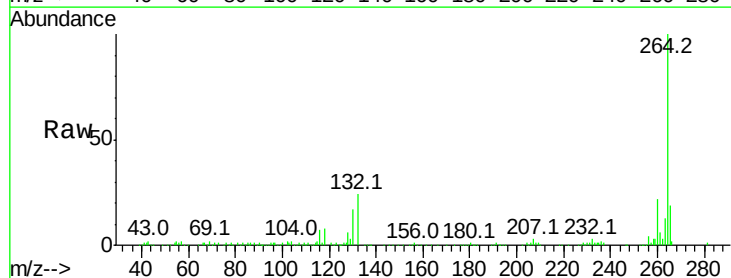
Tgt Ion:264 Resp: 151205

Ion Ratio Lower Upper

264 100

260 22.1 19.5 29.3

265 19.4 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

