

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097112.D
 Acq On : 27 Jul 2017 8:35
 Operator : SJ/JU
 Sample : I4415-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-072417

Quant Time: Jul 27 11:19:59 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	6.50	152	114675	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	442680	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	165089	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	235271	20.00	ng	0.00
75) Chrysene-d12	13.62	240	197815	20.00	ng	0.00
86) Perylene-d12	14.97	264	166792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	814858	107.12	ng	0.01
7) Phenol-d6	6.16	99	927741	106.83	ng	0.00
23) Nitrobenzene-d5	7.06	82	595320	78.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	158615	121.60	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	927135	95.31	ng	-0.01
78) Terphenyl-d14	12.59	244	627686	64.69	ng	0.00

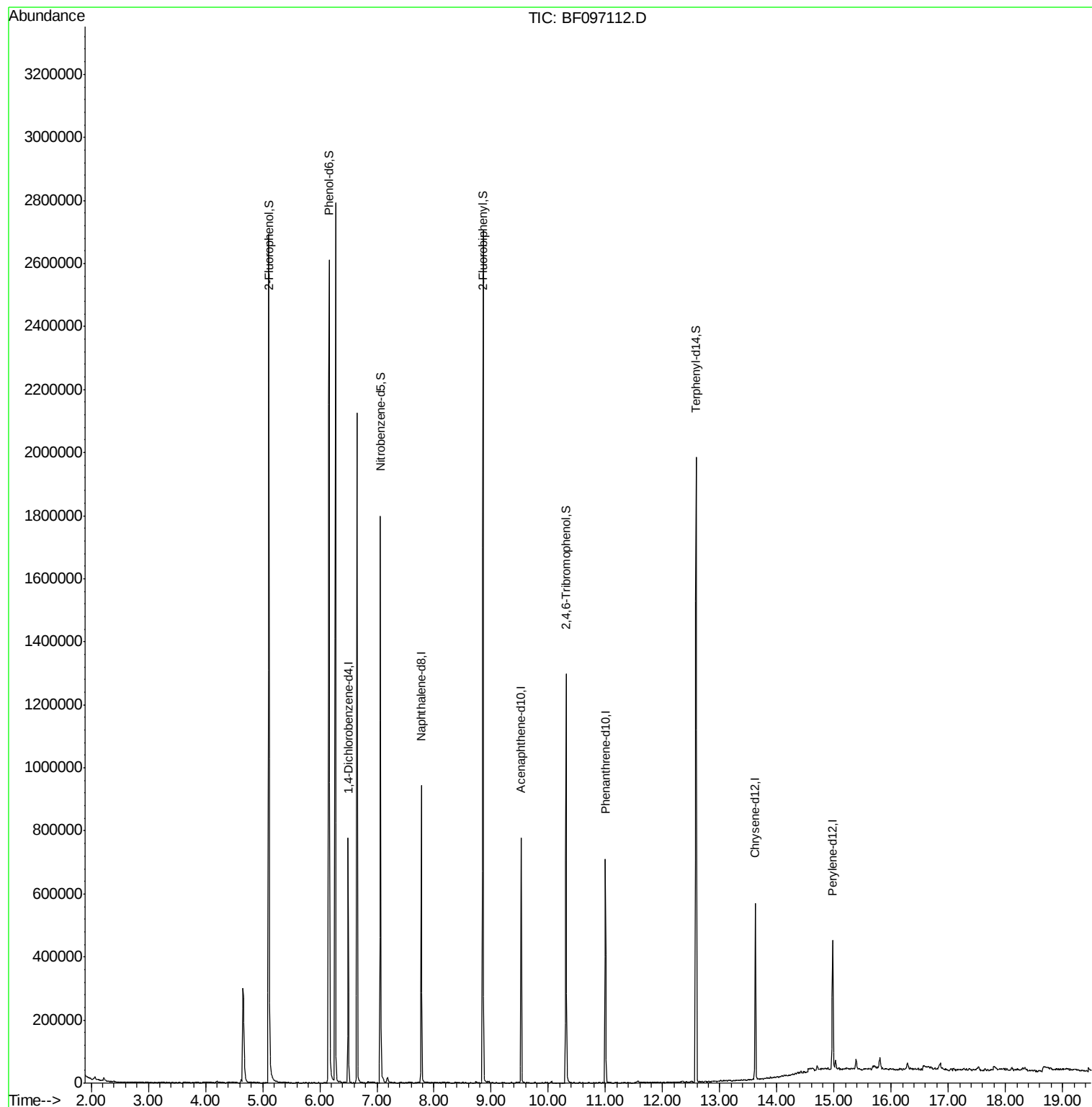
Target Compounds Qvalue

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

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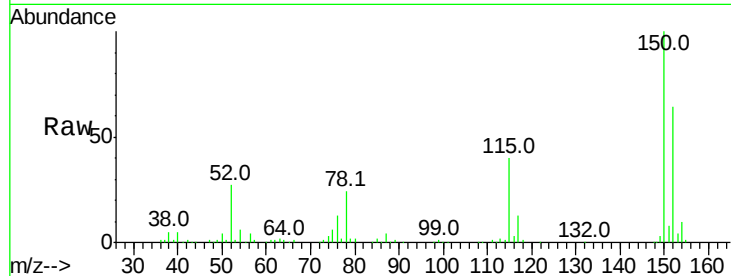


#1

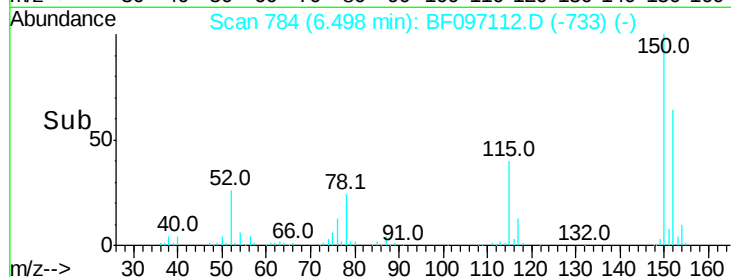
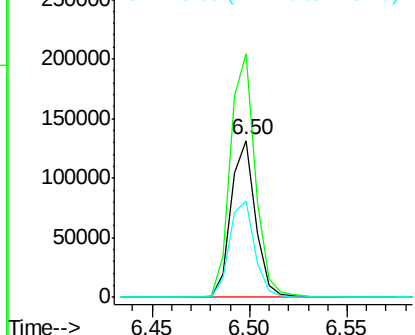
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097112.D
Acq: 27 Jul 2017 8:35

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion:152 Resp: 114675
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 61.8 52.2 78.2



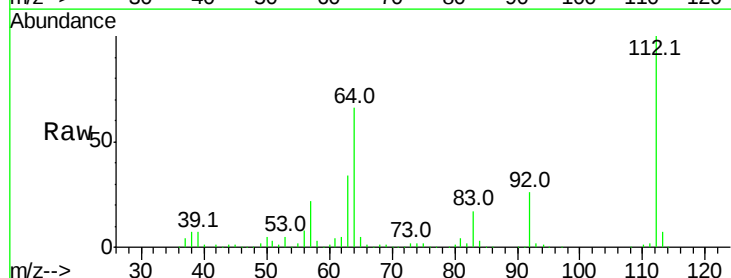
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



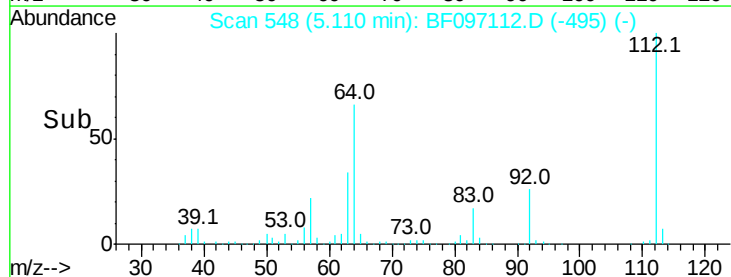
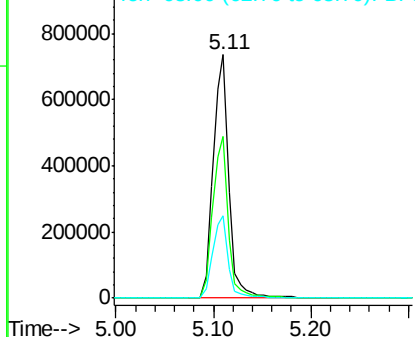
#5

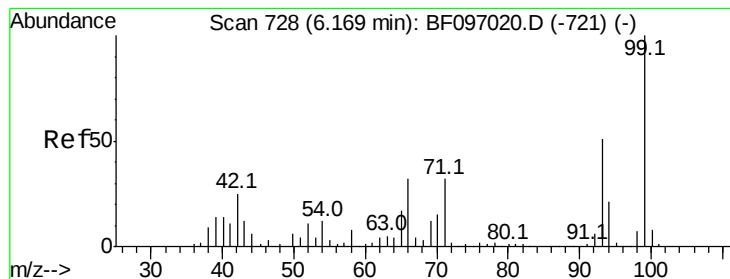
2-Fluorophenol
Concen: 107.119 ng
RT: 5.11 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097112.D
Acq: 27 Jul 2017 8:35

Tgt Ion:112 Resp: 814858
Ion Ratio Lower Upper
112 100
64 66.5 46.0 69.0
63 33.7 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: 106.829 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097112.D

Acq: 27 Jul 2017 8:35

Instrument :

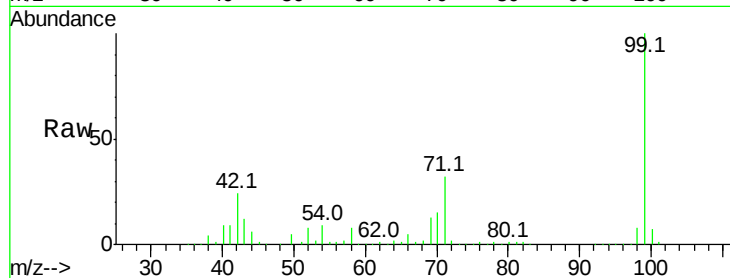
BNA_F

ClientSampleId :

SU-02-072417

Tot Ion: 99 Resp: 927741

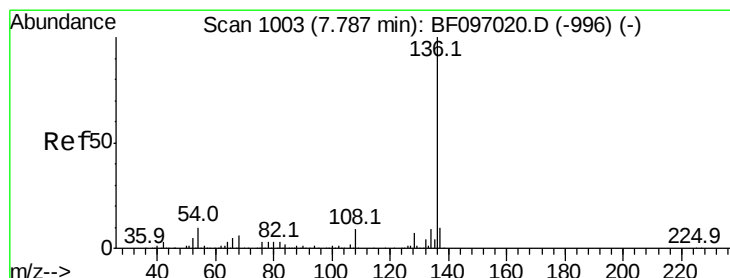
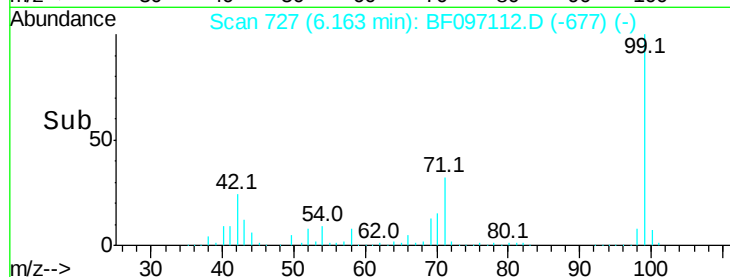
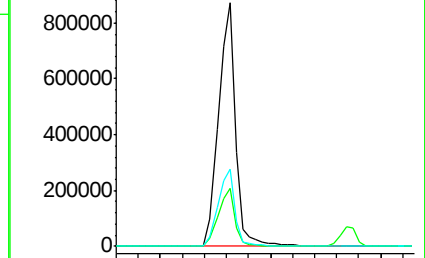
Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	31.9	24.5	36.7



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: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097112.D

Acq: 27 Jul 2017 8:35

Tgt Ion: 136 Resp: 442680

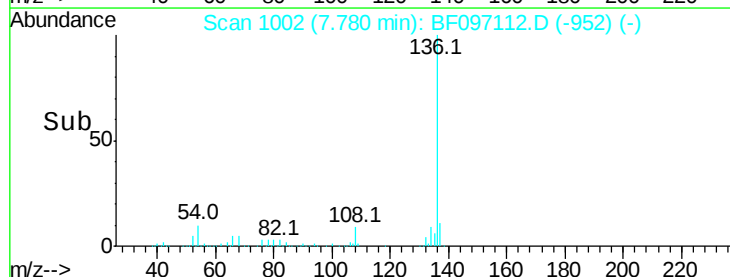
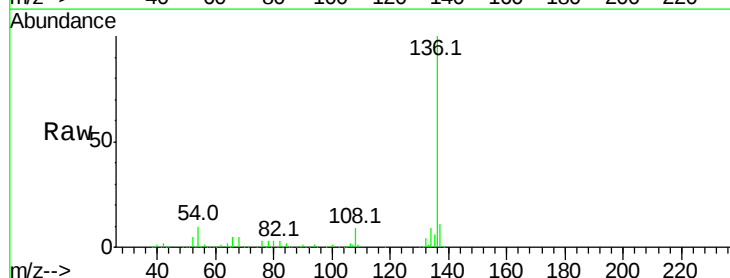
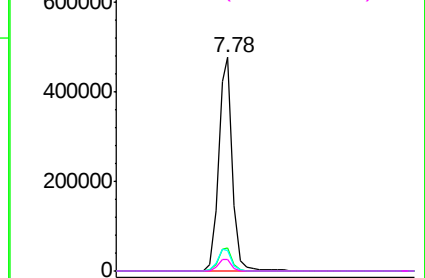
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.6	4.9	7.3#
68	5.4	4.1	6.1

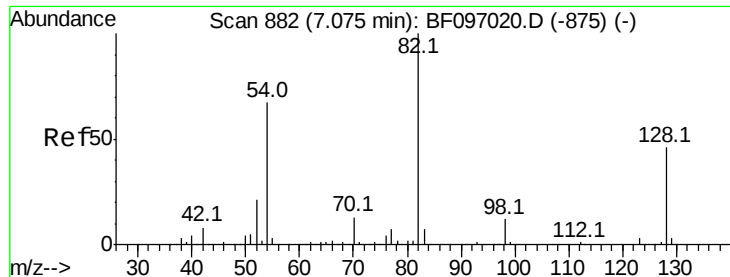
Abundance Ion 136.00 (135.70 to 136.70): E

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

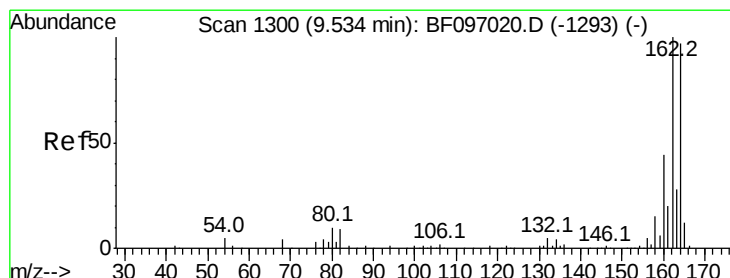
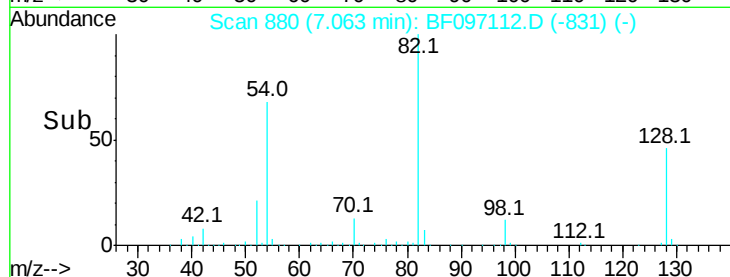
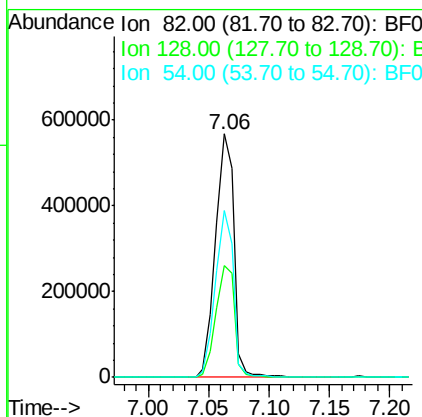
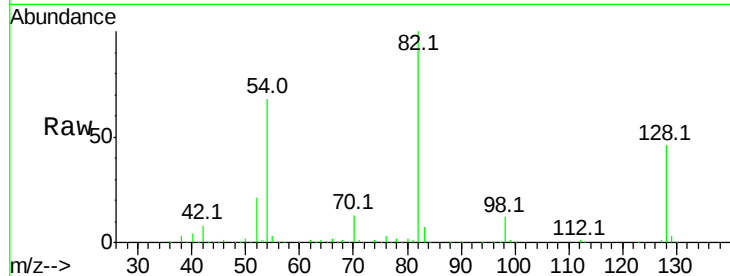




#23
 Nitrobenzene-d5
 Concen: 78.892 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097112.D
 Acq: 27 Jul 2017 8:35

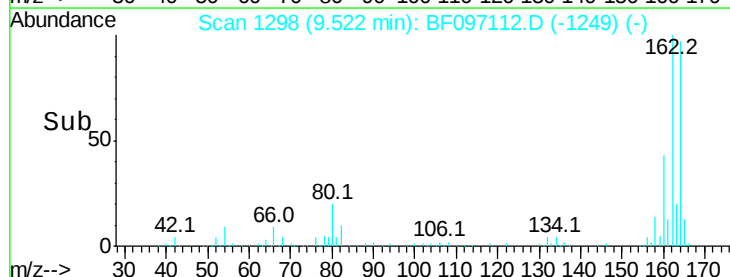
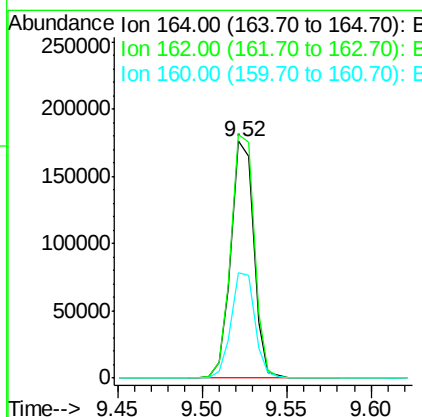
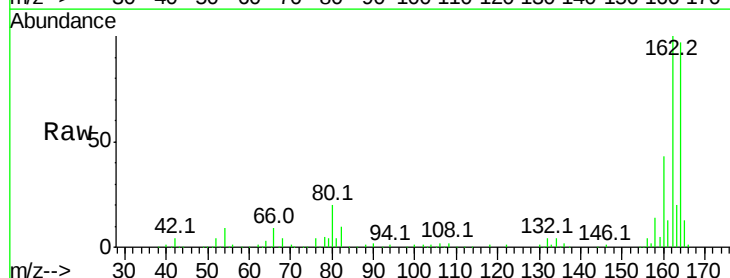
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-072417

Tot Ion: 82 Resp: 595320
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 68.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097112.D
 Acq: 27 Jul 2017 8:35

Tgt Ion: 164 Resp: 165089
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 44.5 36.2 54.2

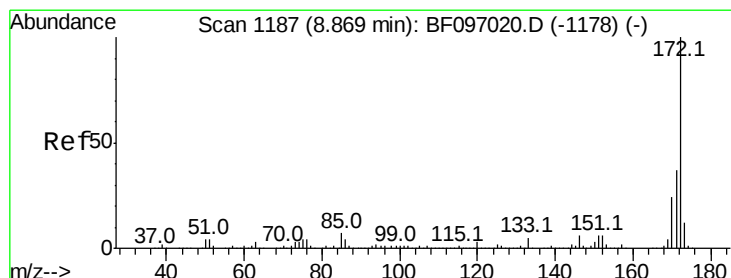
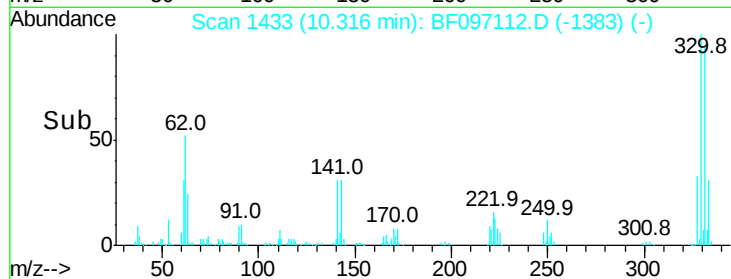
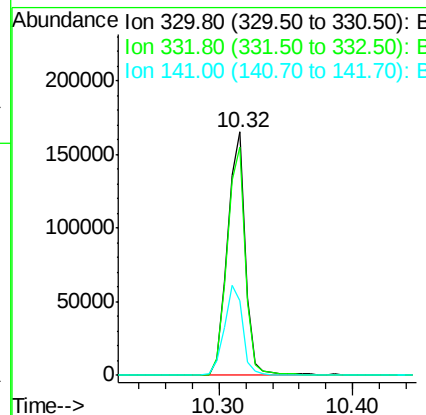
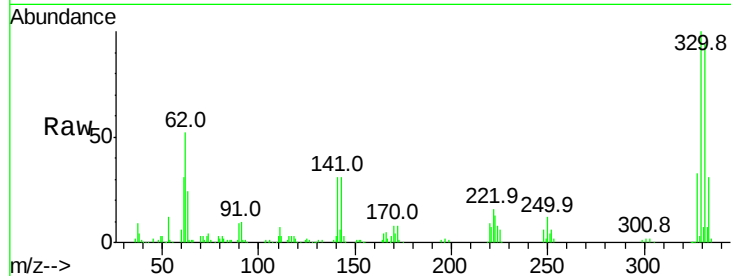




#41
 2,4,6-Tribromophenol
 Concen: 121.603 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097112.D
 Acq: 27 Jul 2017 8:35

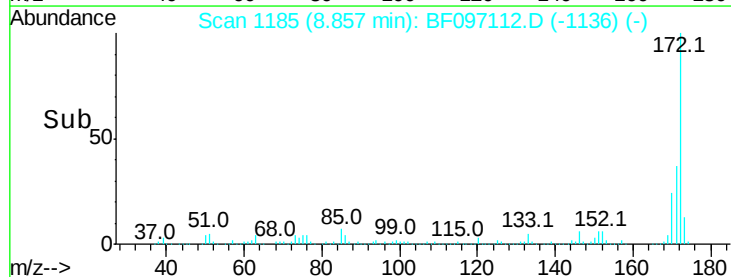
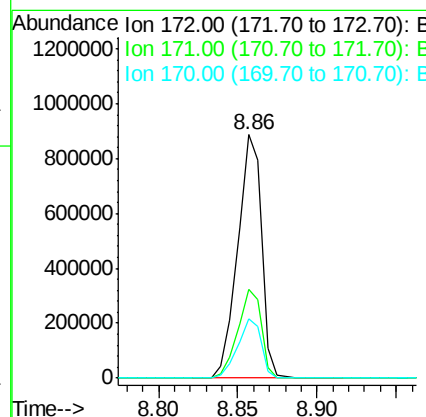
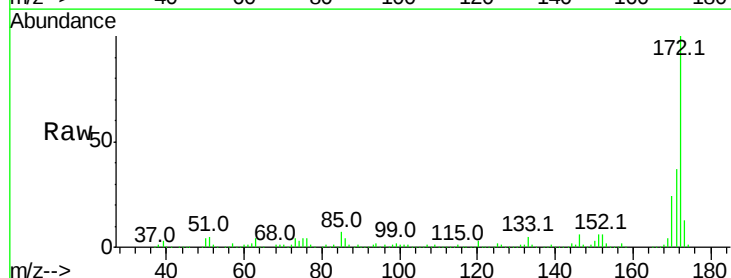
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-072417

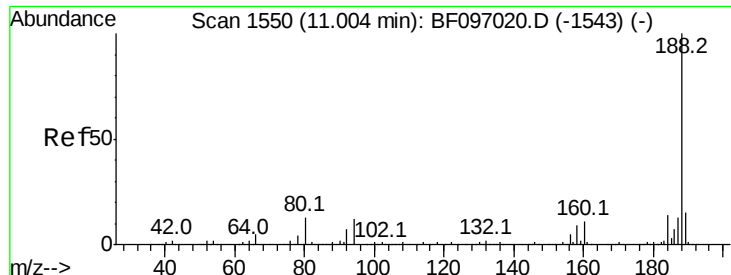
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	37.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 95.308 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097112.D
 Acq: 27 Jul 2017 8:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.2	19.8	29.8

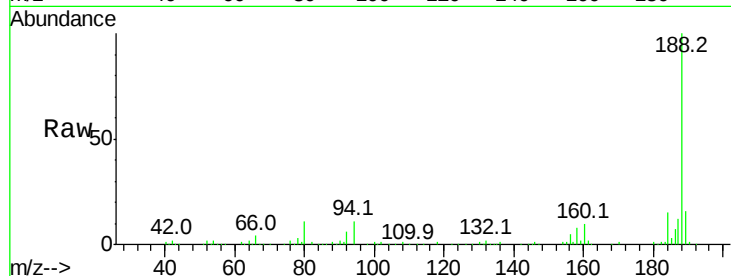




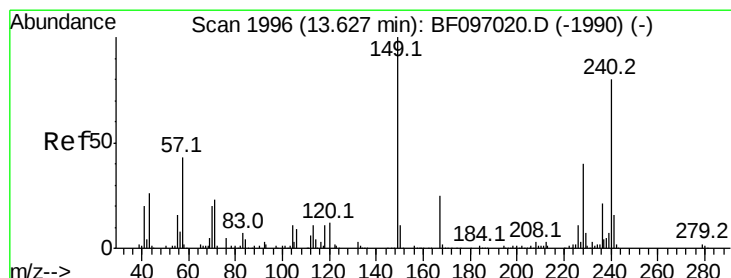
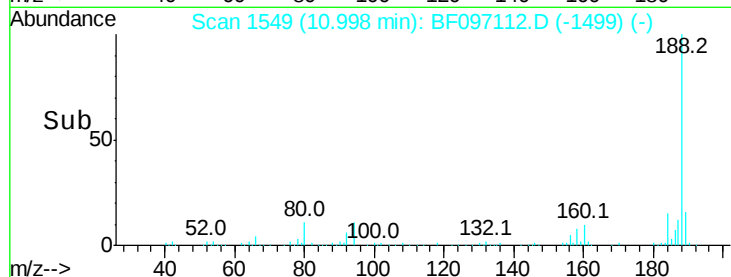
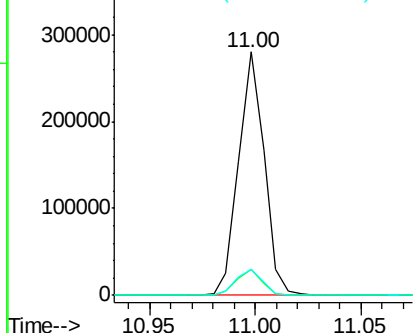
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097112.D
Acq: 27 Jul 2017 8:35

Instrument :
BNA_F
ClientSampleId :
SU-02-072417

Tot Ion:188 Resp: 235271
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.8 10.2 15.2

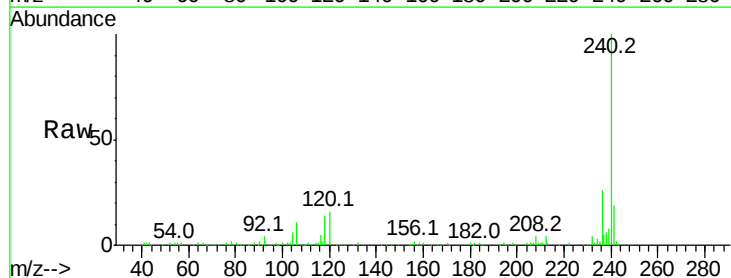


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

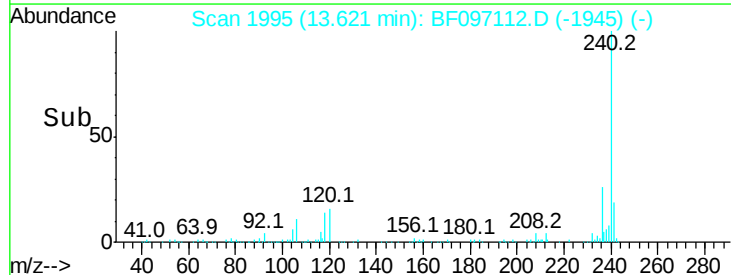
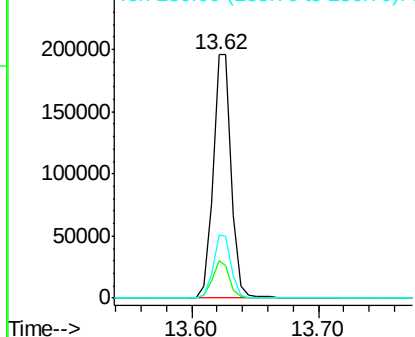


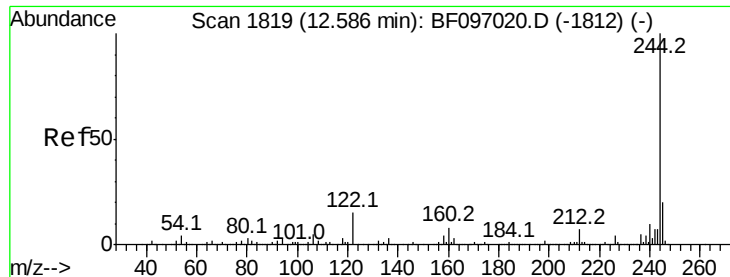
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097112.D
Acq: 27 Jul 2017 8:35

Tgt Ion:240 Resp: 197815
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 26.0 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: 64.695 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097112.D

Acq: 27 Jul 2017 8:35

Instrument :

BNA_F

ClientSampleId :

SU-02-072417

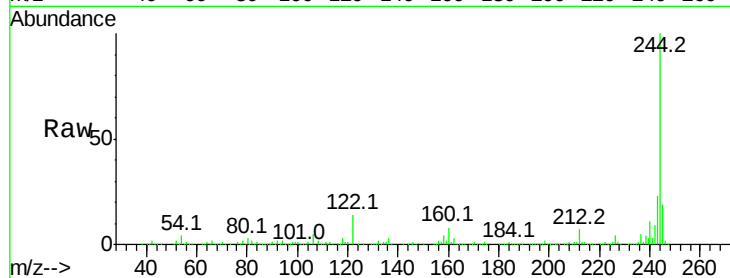
Tot Ion:244 Resp: 627686

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

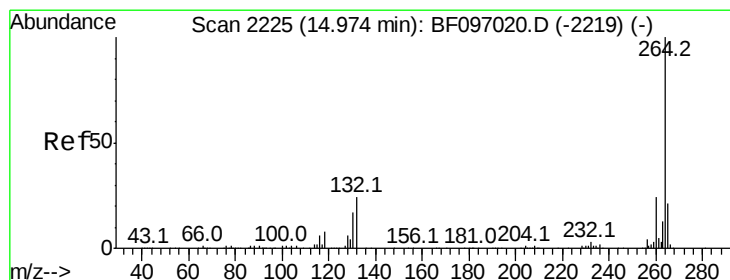
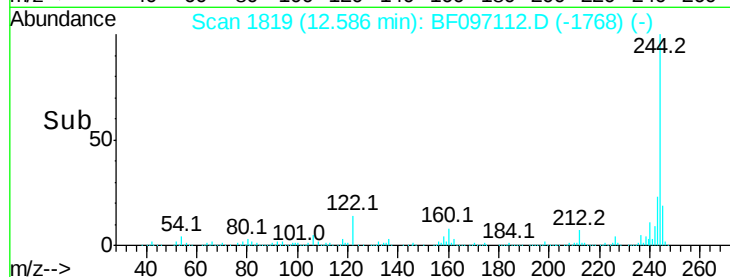
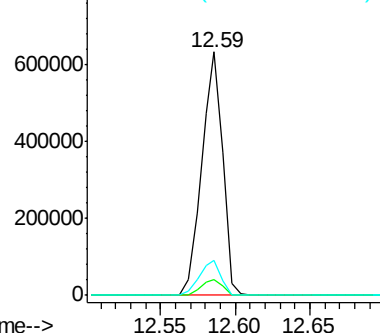
122 14.5 10.3 15.5



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: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097112.D

Acq: 27 Jul 2017 8:35

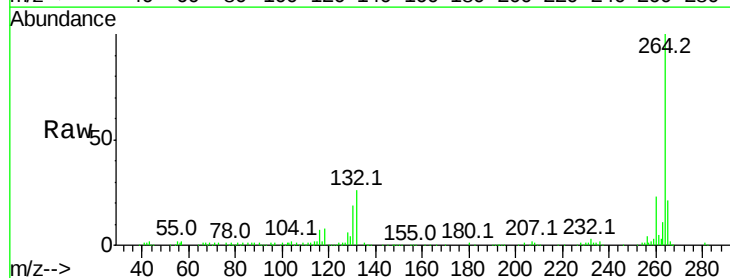
Tgt Ion:264 Resp: 166792

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.1 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

