

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097264.D
 Acq On : 2 Aug 2017 9:46
 Operator : SJ/JU
 Sample : I4493-01 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 11:40:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

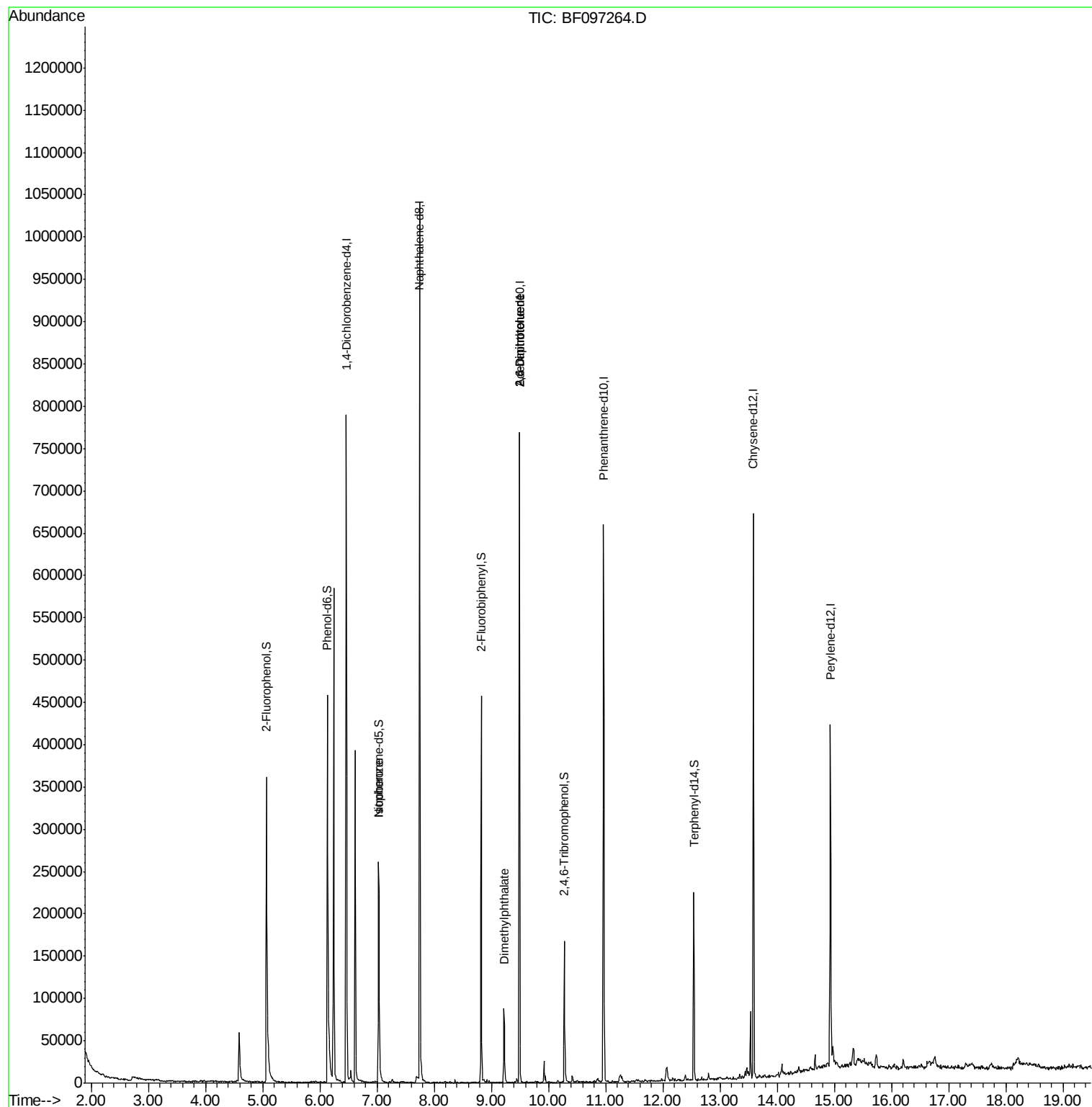
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	115866	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	447308	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	154365	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	220759	20.00	ng	0.00
75) Chrysene-d12	13.59	240	211346	20.00	ng	0.00
86) Perylene-d12	14.93	264	160121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	150295	19.55	ng	0.00
7) Phenol-d6	6.13	99	207969	23.70	ng	-0.01
23) Nitrobenzene-d5	7.03	82	88845	11.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	20636	16.92	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	125405	13.79	ng	-0.01
78) Terphenyl-d14	12.54	244	64556	6.23	ng	0.00
Target Compounds						
25) Isophorone	7.03	82	88854	5.950	ng	# 67
49) Dimethylphthalate	9.22	163	36853	3.144	ng	# 98
50) 2,6-Dinitrotoluene	9.49	165	19355	7.785	ng	# 33
56) 2,4-Dinitrotoluene	9.49	165	19355	6.772	ng	# 32

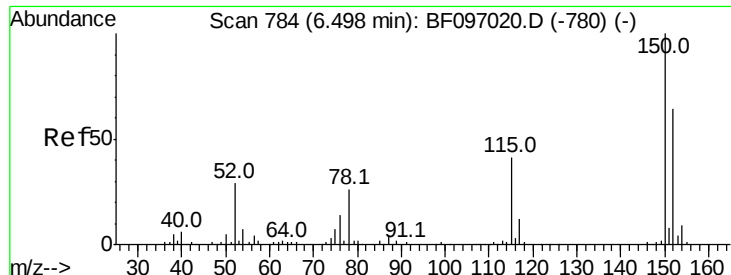
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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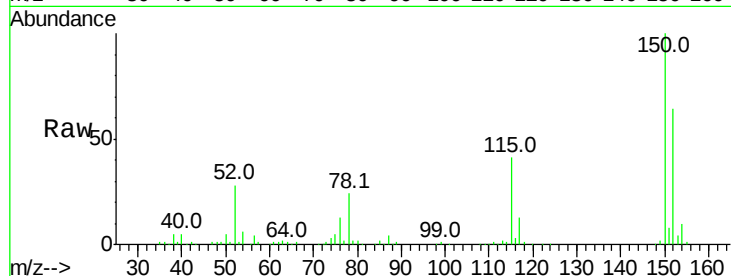


#1

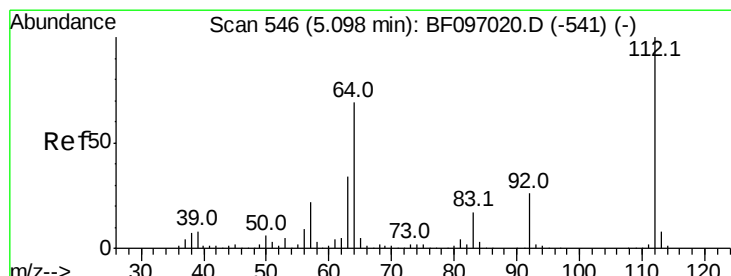
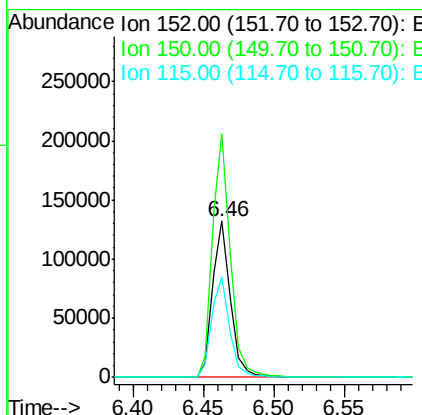
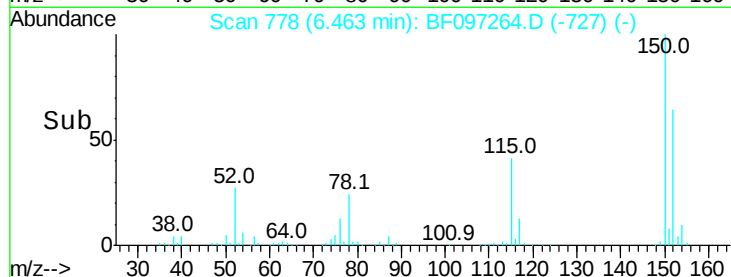
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF097264.D
 Acq: 2 Aug 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 115866
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 64.1 52.2 78.2



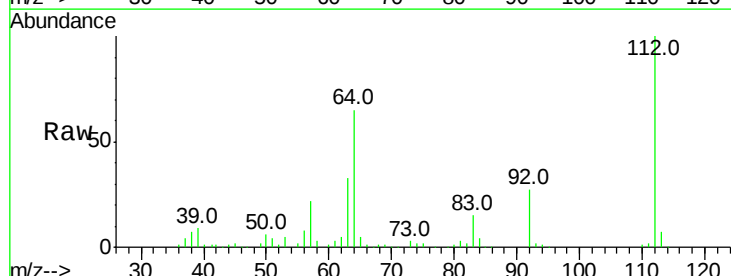
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



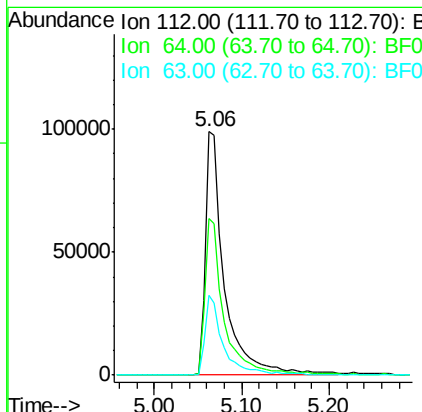
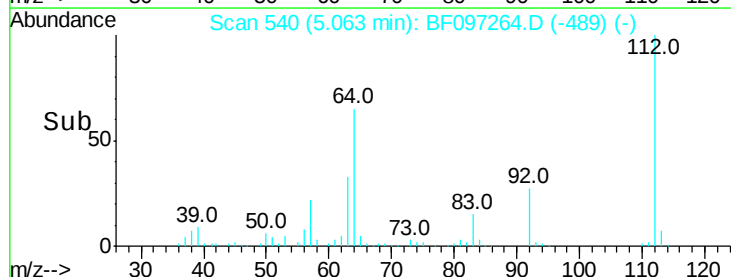
#5

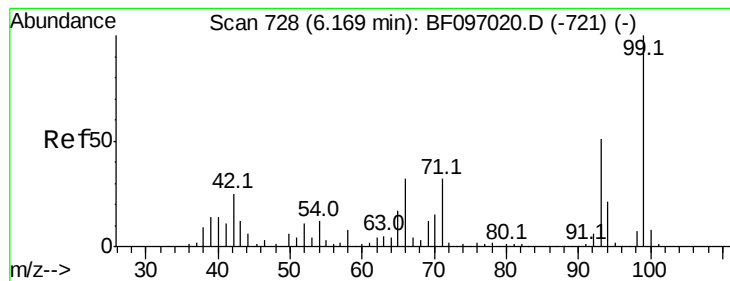
2-Fluorophenol
 Concen: 19.554 ng
 RT: 5.06 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF097264.D
 Acq: 2 Aug 2017 9:46

Tgt Ion:112 Resp: 150295
 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: 23.701 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097264.D

Acq: 2 Aug 2017 9:46

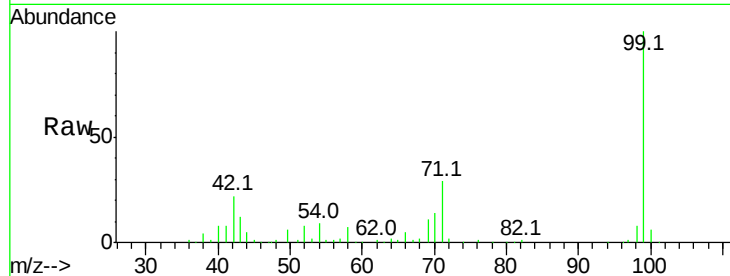
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 207969

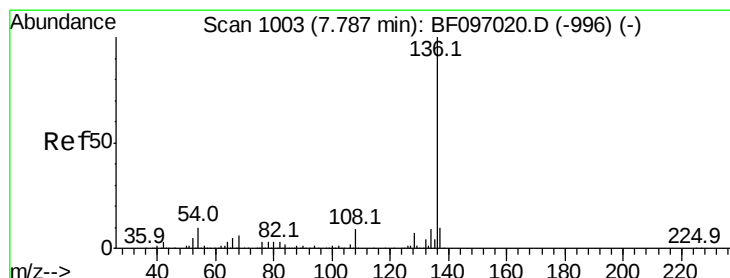
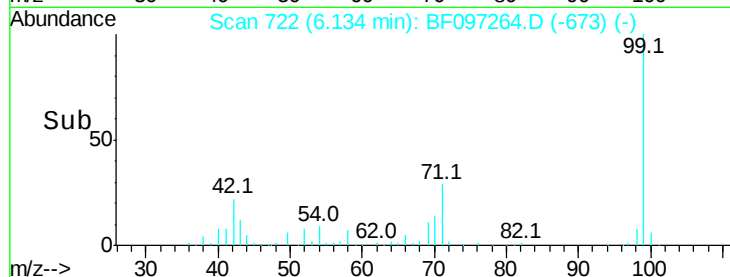
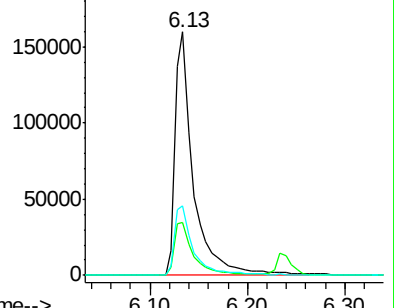
Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	28.7	24.5	36.7



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: BF097264.D

Acq: 2 Aug 2017 9:46

Tgt Ion: 136 Resp: 447308

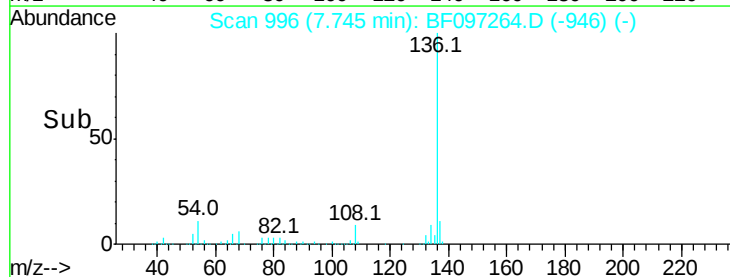
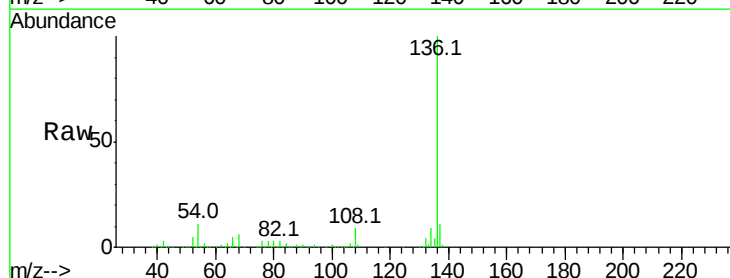
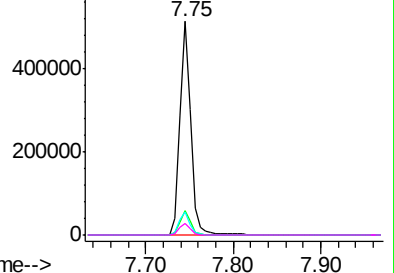
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.9	4.9	7.3#
68	5.7	4.1	6.1

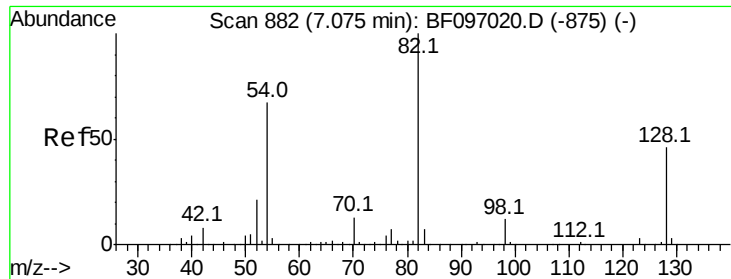
Abundance Ion 136.00 (135.70 to 136.70): E

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

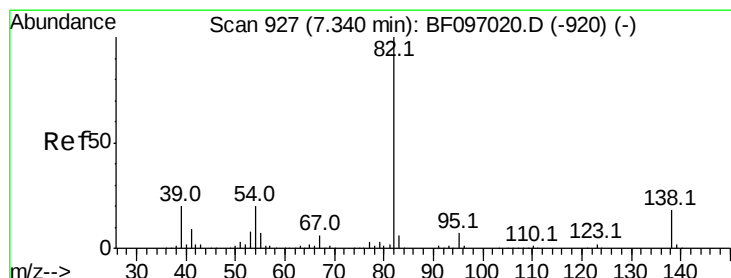
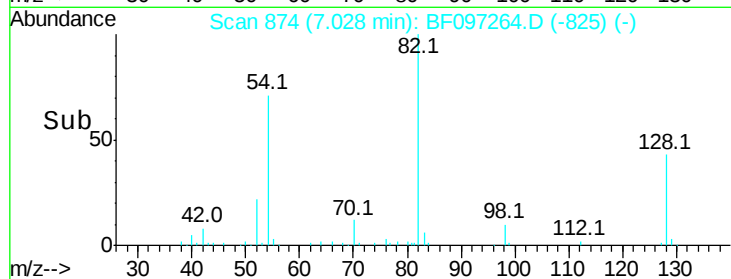
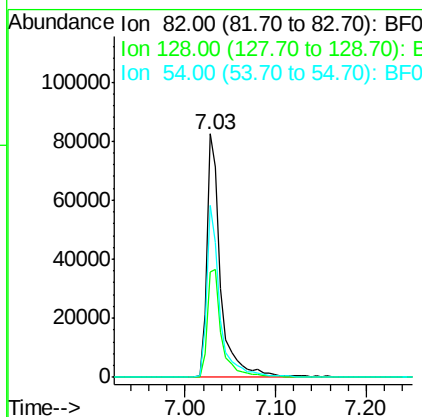
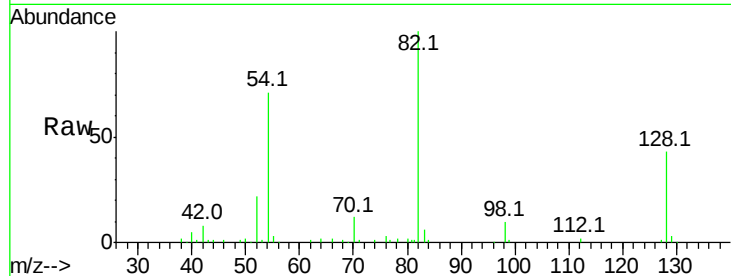




#23
 Nitrobenzene-d5
 Concen: 11.652 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF097264.D
 Acq: 2 Aug 2017 9:46

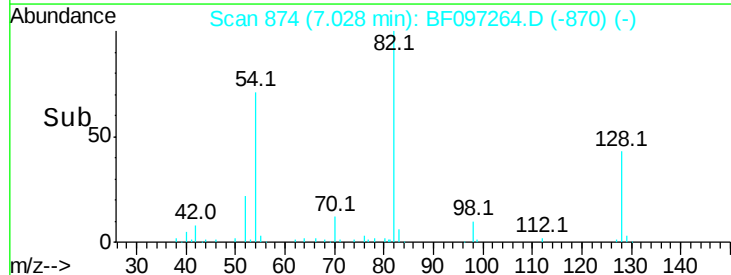
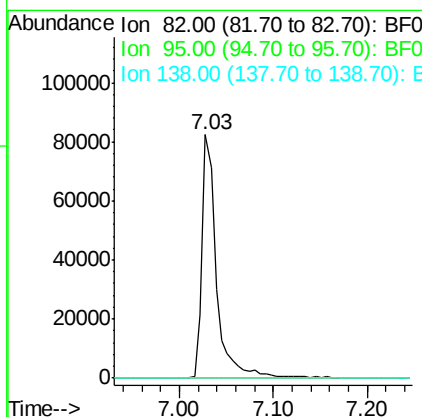
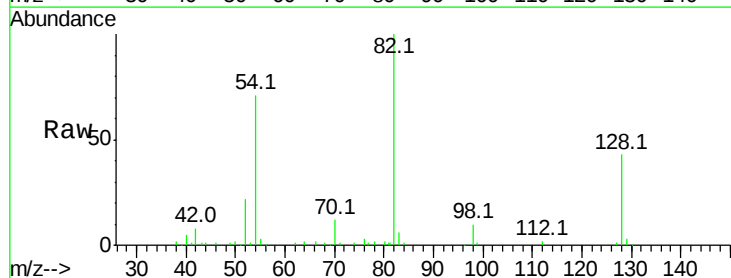
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	88845
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.0	51.0
54	70.8	42.2	63.2#



#25
 Isophorone
 Concen: 5.950 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.28 min
 Lab File: BF097264.D
 Acq: 2 Aug 2017 9:46

Tgt Ion	82	Resp	88854
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

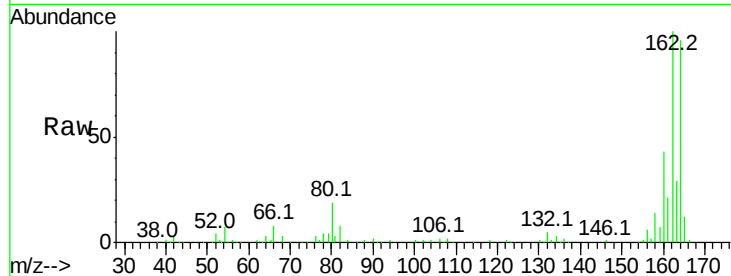




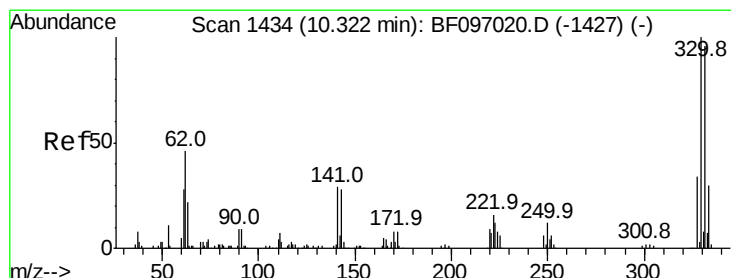
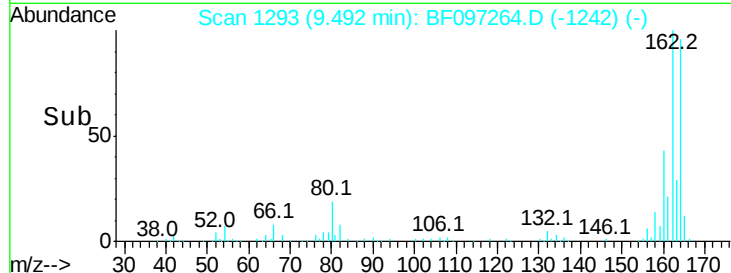
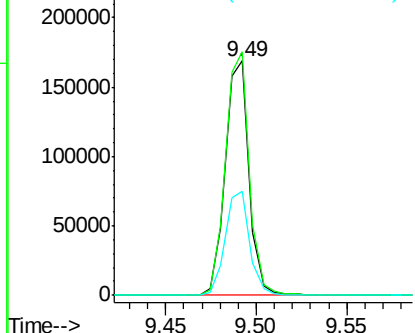
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 154365
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 44.6 36.2 54.2

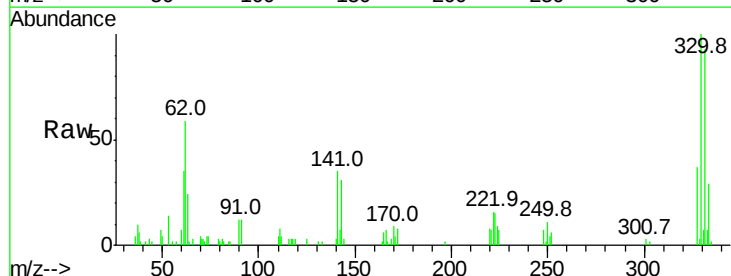


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

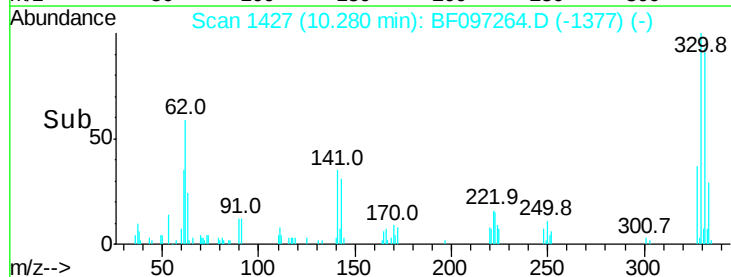
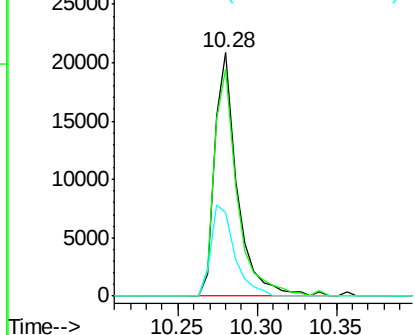


#41
2,4,6-Tribromophenol
Concen: 16.920 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion:330 Resp: 20636
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 39.6 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

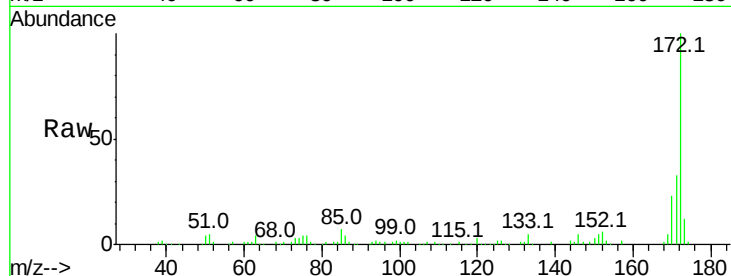




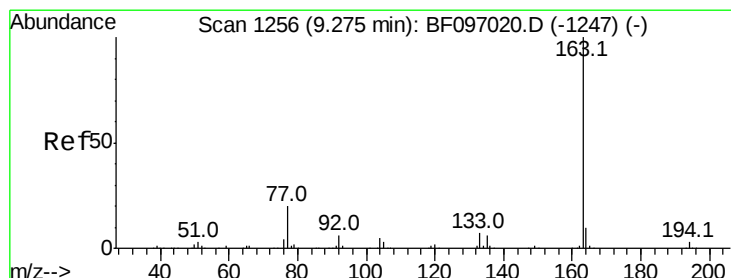
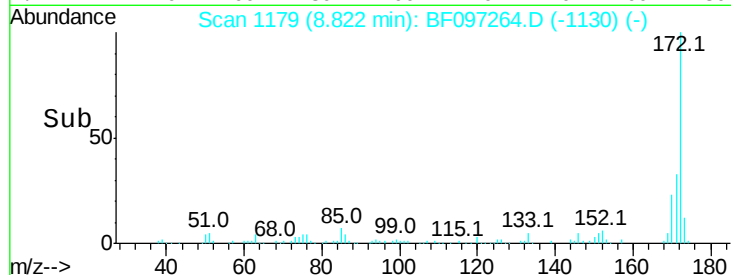
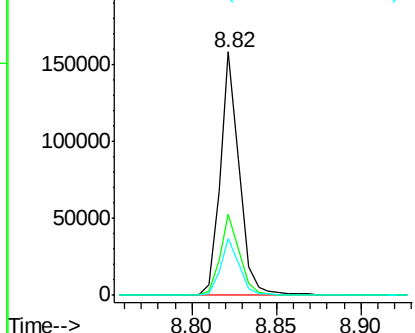
#44
2-Fluorobiphenyl
Concen: 13.787 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	23.2	19.8	29.8

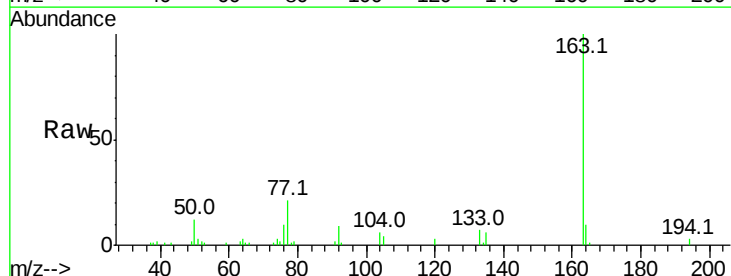


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

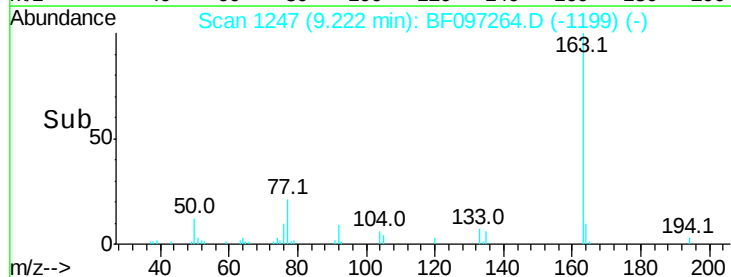
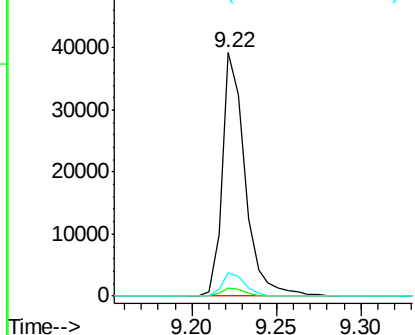


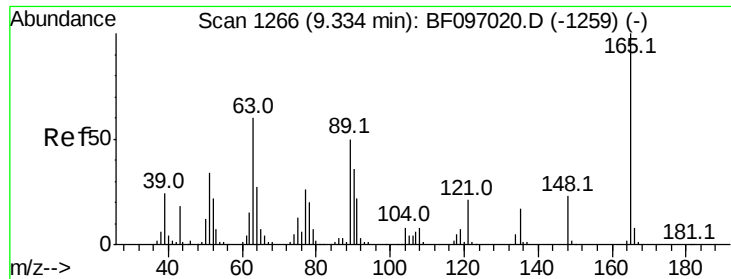
#49
Dimethylphthalate
Concen: 3.144 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF097264.D
Acq: 2 Aug 2017 9:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

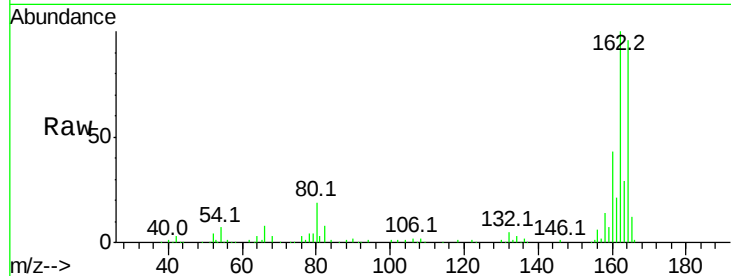




#50
 2,6-Dinitrotoluene
 Concen: 7.785 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. 0.19 min
 Lab File: BF097264.D
 Acq: 2 Aug 2017 9:46

Instrument :
 BNA_F
 ClientSampleId :

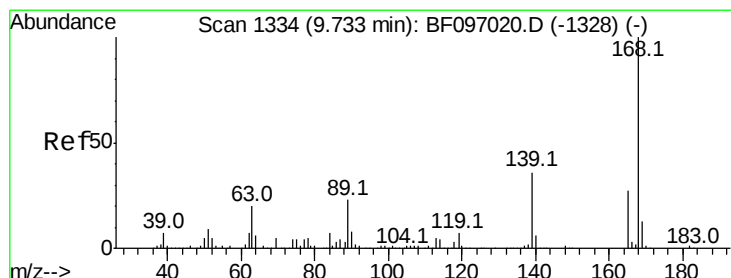
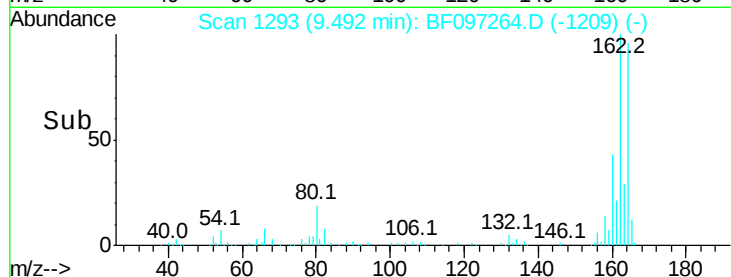
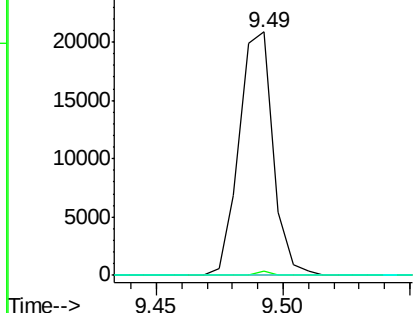
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.772 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF097264.D
 Acq: 2 Aug 2017 9:46

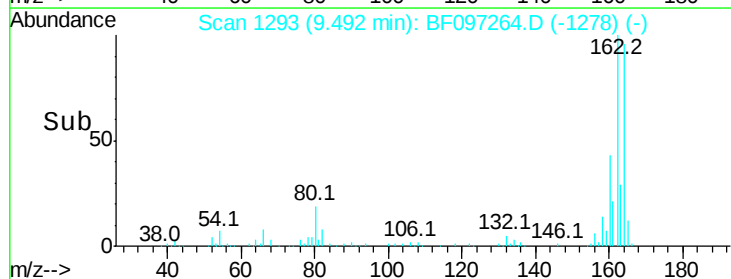
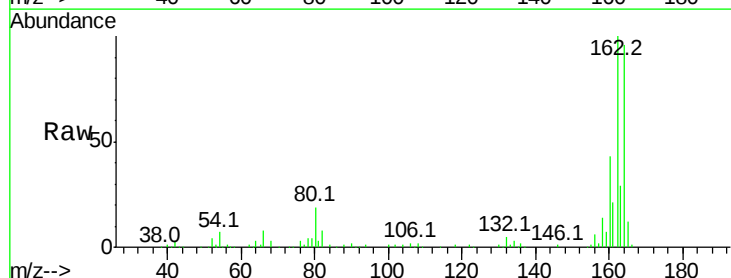
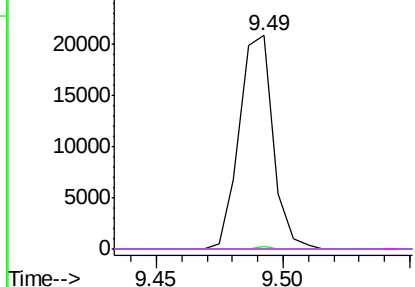
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

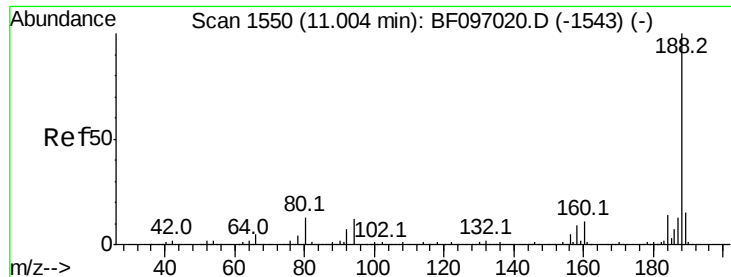
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

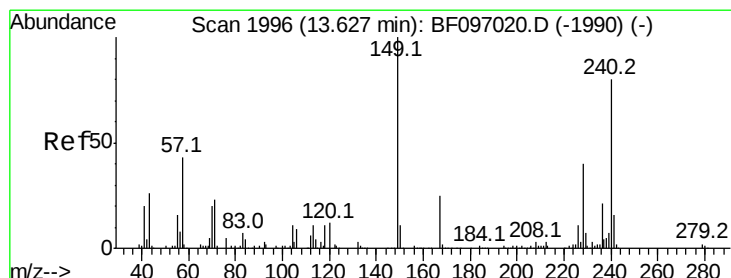
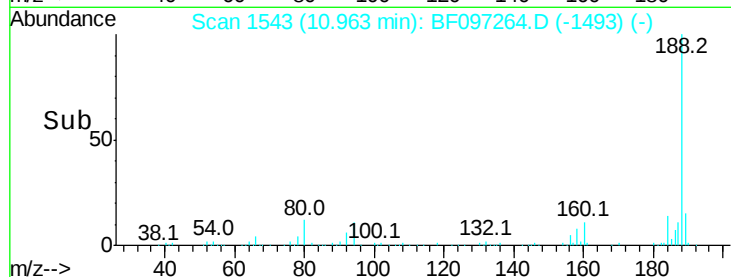
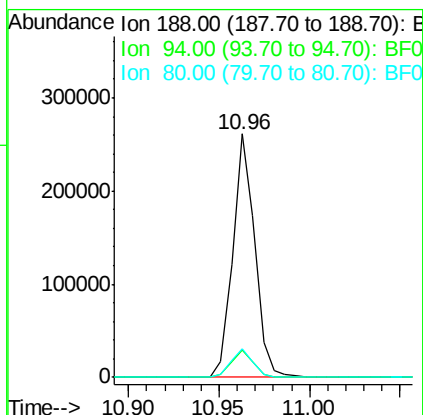
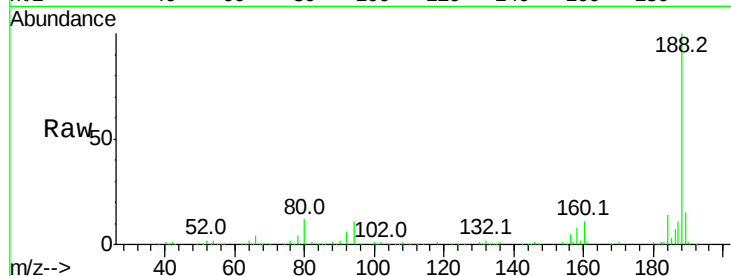




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF097264.D
 Acq: 2 Aug 2017 9:46

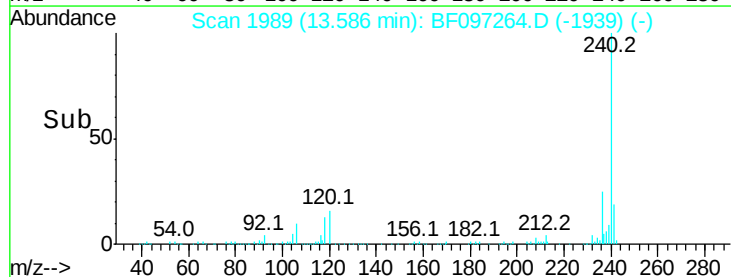
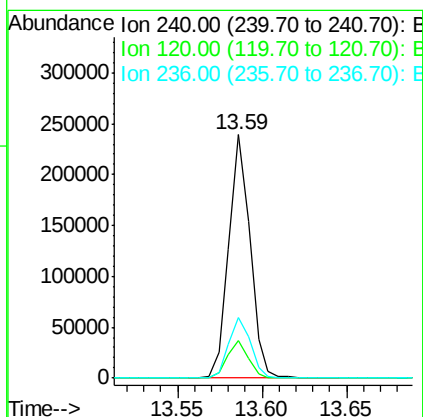
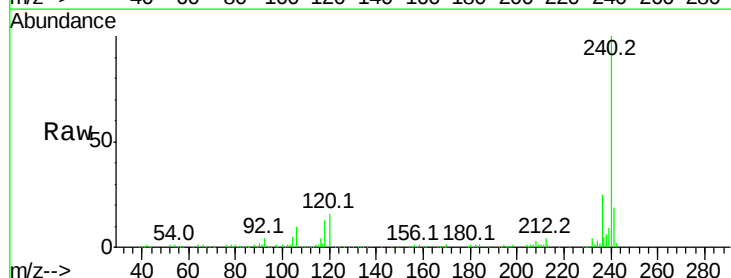
Instrument :
 BNA_F
 ClientSampleId :

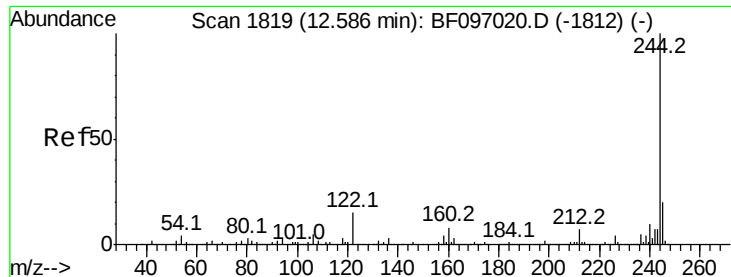
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.8	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF097264.D
 Acq: 2 Aug 2017 9:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.8	20.5	30.7





#78

Terphenyl-d14

Concen: 6.228 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097264.D

Acq: 2 Aug 2017 9:46

Instrument :

BNA_F

ClientSampleId :

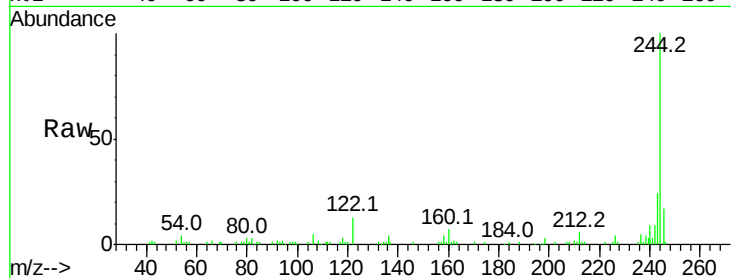
Tot Ion:244 Resp: 64556

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

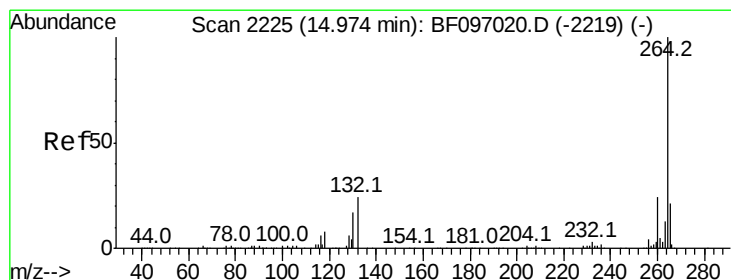
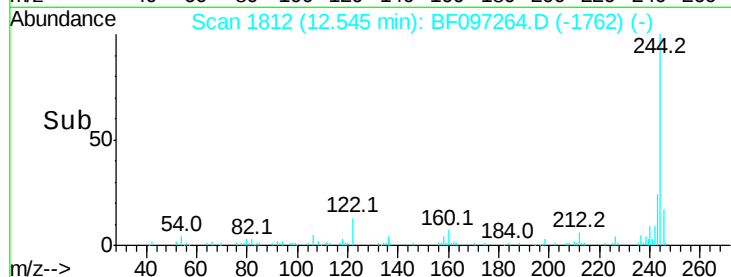
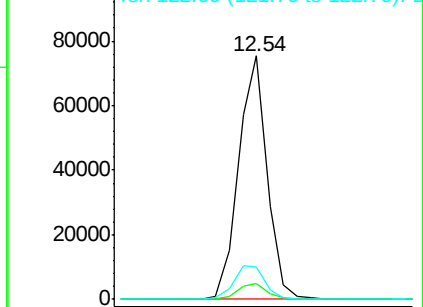
122 13.5 10.3 15.5



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: 14.93 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BF097264.D

Acq: 2 Aug 2017 9:46

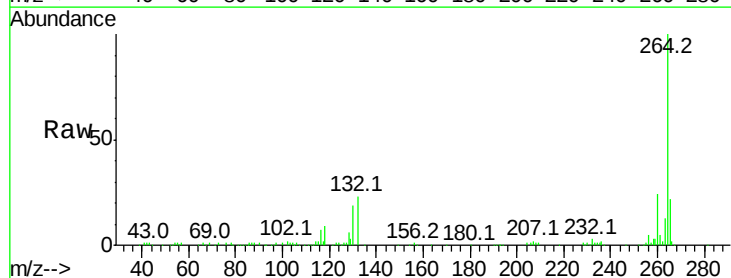
Tgt Ion:264 Resp: 160121

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.5 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

