

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097243.D
 Acq On : 1 Aug 2017 20:38
 Operator : SJ/JU
 Sample : PB101139BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101139BL

Quant Time: Aug 02 05:24:12 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	107767	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	465526	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	156331	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	246340	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	213664	20.00	ng	-0.04
86) Perylene-d12	14.93	264	169739	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	941243	131.66	ng	-0.02
7) Phenol-d6	6.14	99	1003834	123.00	ng	-0.03
23) Nitrobenzene-d5	7.03	82	597985	75.36	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	143793	116.42	ng	-0.04
44) 2-Fluorobiphenyl	8.83	172	932881	101.27	ng	-0.04
78) Terphenyl-d14	12.55	244	597234	56.99	ng	-0.04

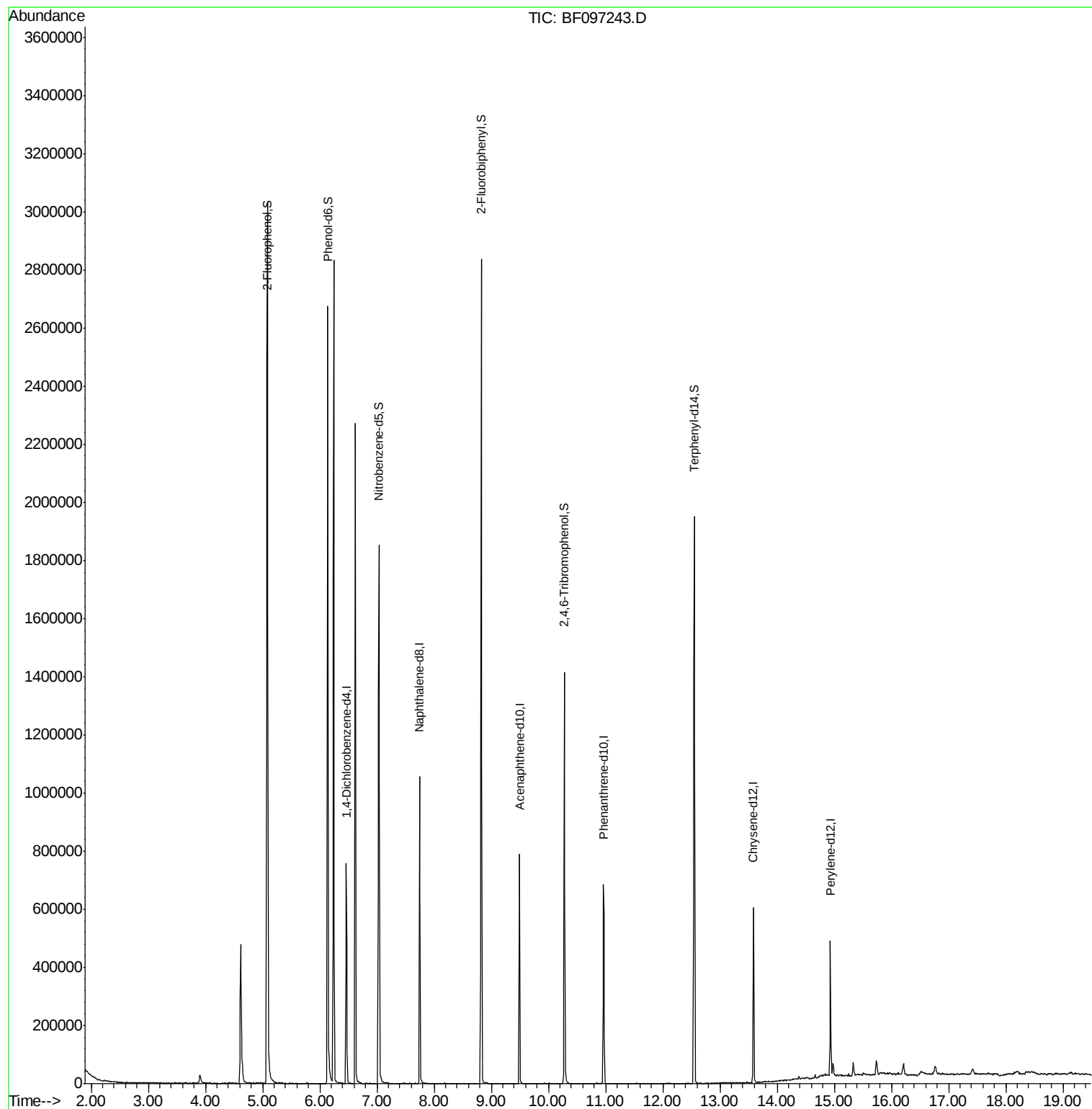
Target Compounds Qvalue

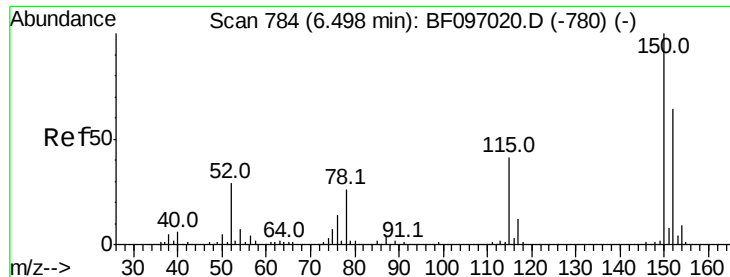
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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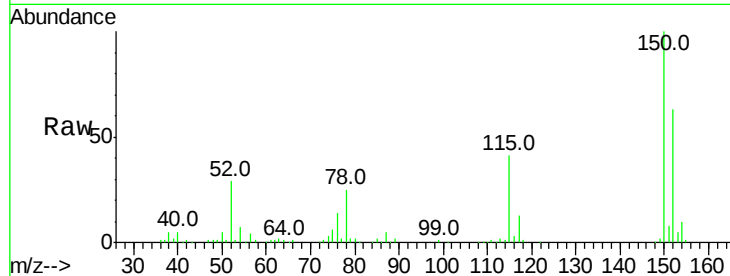


#1

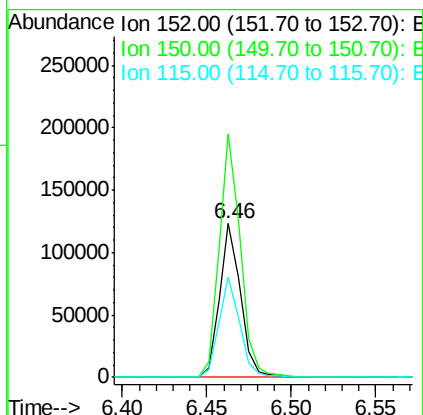
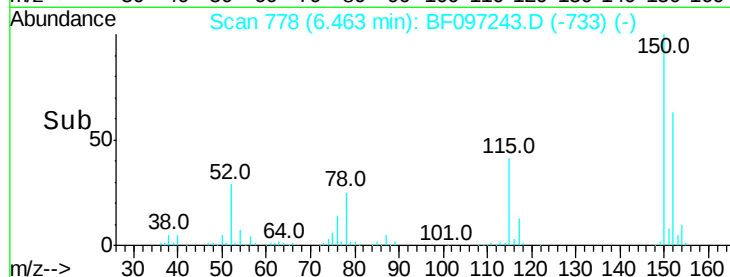
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.04 min
 Lab File: BF097243.D
 Acq: 1 Aug 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB101139BL

Tot Ion:152 Resp: 107767
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.2 189.2
 115 65.3 52.2 78.2



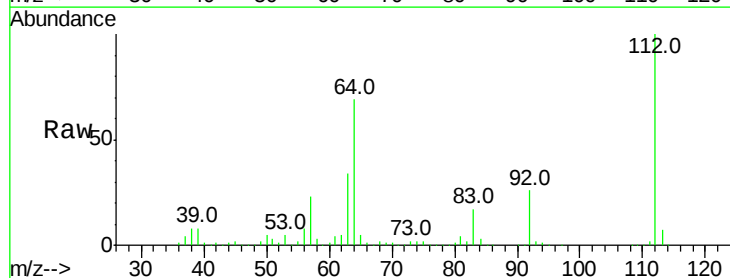
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



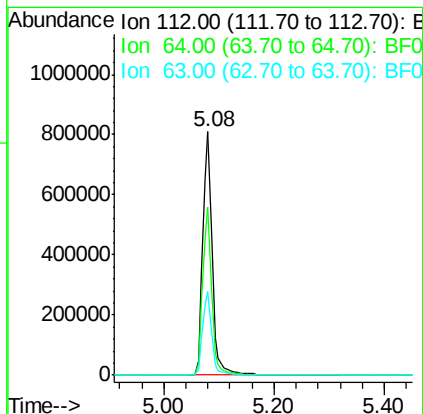
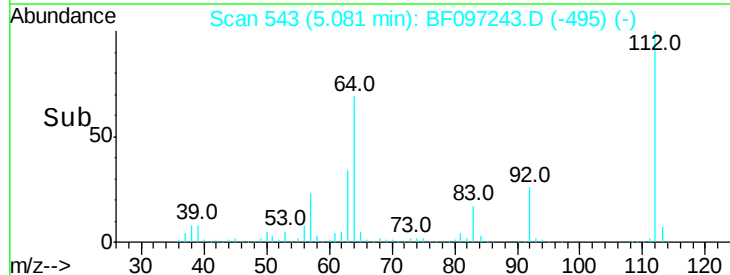
#5

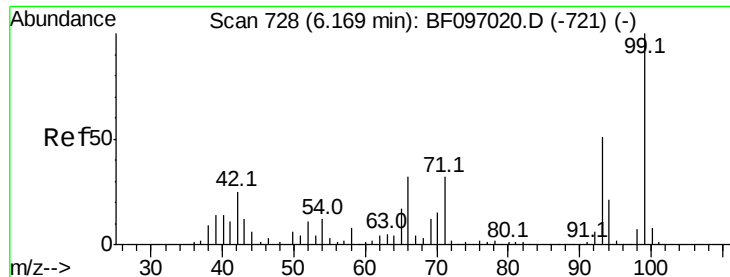
2-Fluorophenol
 Concen: 131.665 ng
 RT: 5.08 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF097243.D
 Acq: 1 Aug 2017 20:38

Tgt Ion:112 Resp: 941243
 Ion Ratio Lower Upper
 112 100
 64 68.8 46.0 69.0
 63 34.2 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: 123.001 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

Instrument :

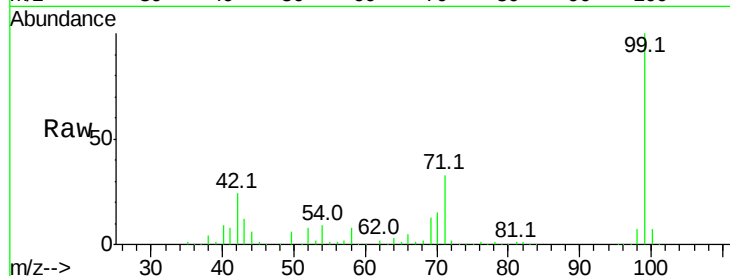
BNA_F

ClientSampleId :

PB101139BL

Tot Ion: 99 Resp: 1003834

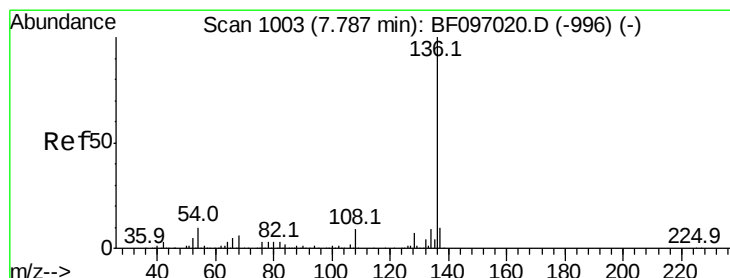
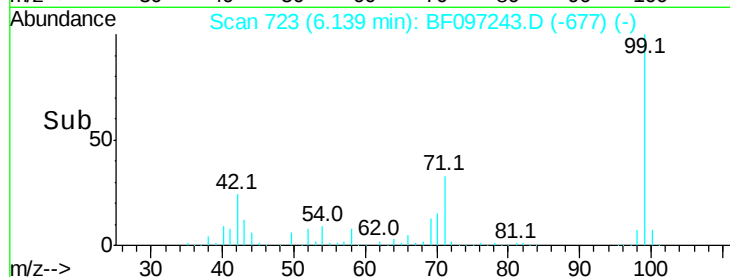
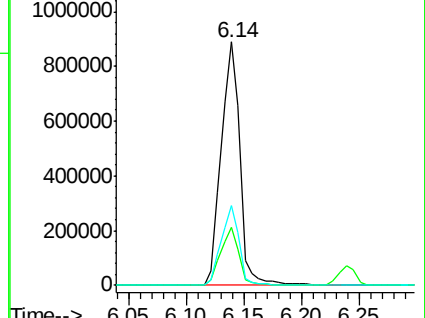
Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	32.6	24.5	36.7



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: BF097243.D

Acq: 1 Aug 2017 20:38

Tgt Ion: 136 Resp: 465526

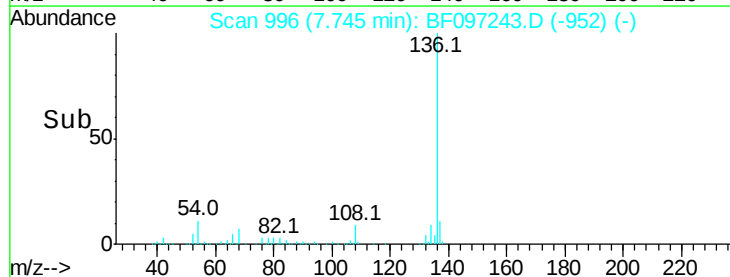
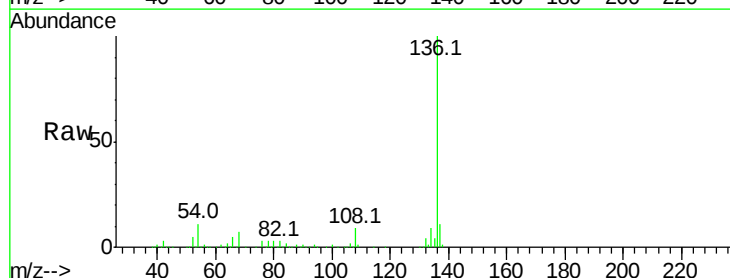
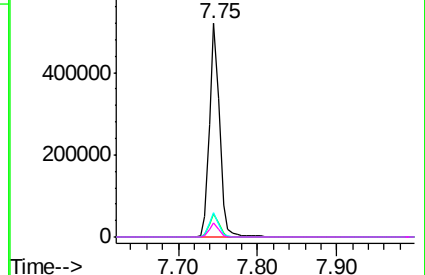
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	11.4	4.9	7.3#
68	6.5	4.1	6.1#

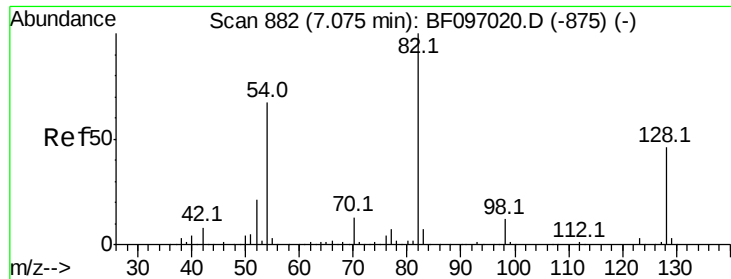
Abundance Ion 136.00 (135.70 to 136.70): E

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

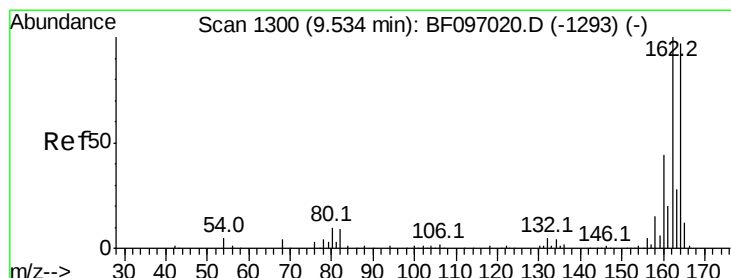
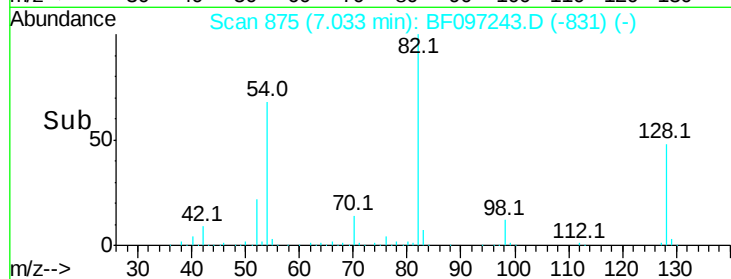
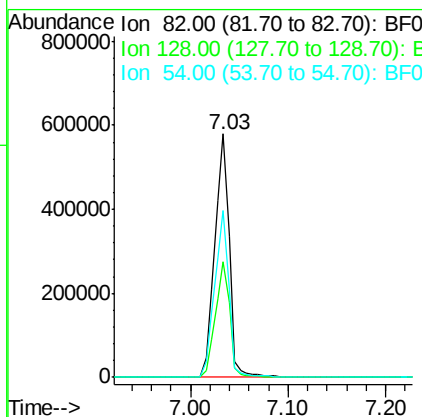
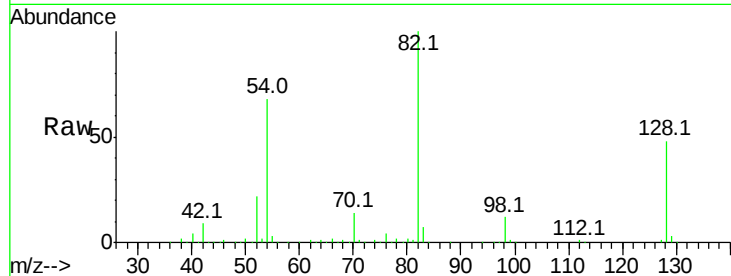




#23
Nitrobenzene-d5
Concen: 75.356 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF097243.D
Acq: 1 Aug 2017 20:38

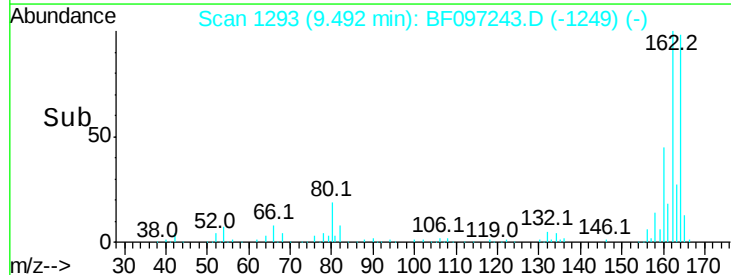
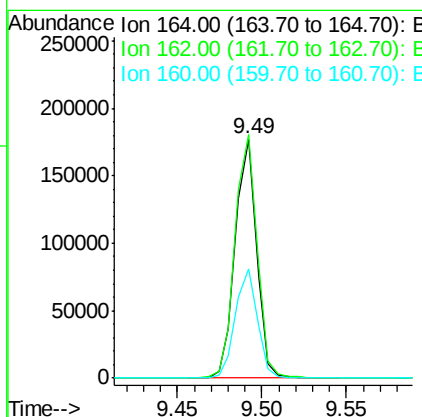
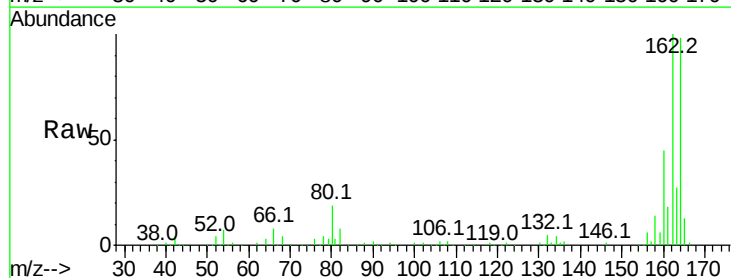
Instrument :
BNA_F
ClientSampleId :
PB101139BL

Tot Ion: 82 Resp: 597985
Ion Ratio Lower Upper
82 100
128 47.5 34.0 51.0
54 68.4 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: BF097243.D
Acq: 1 Aug 2017 20:38

Tgt Ion:164 Resp: 156331
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.7 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 116.416 ng

RT: 10.28 min Scan# 1427

Delta R.T. -0.04 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB101139BL

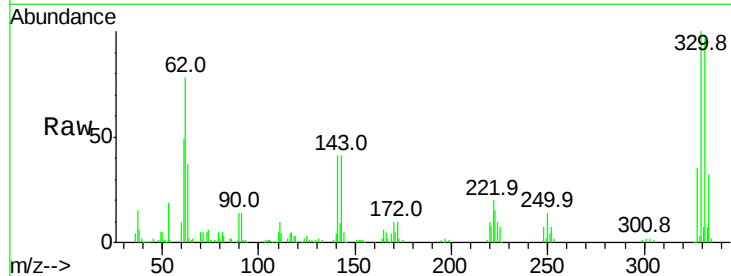
Tot Ion:330 Resp: 143793

Ion Ratio Lower Upper

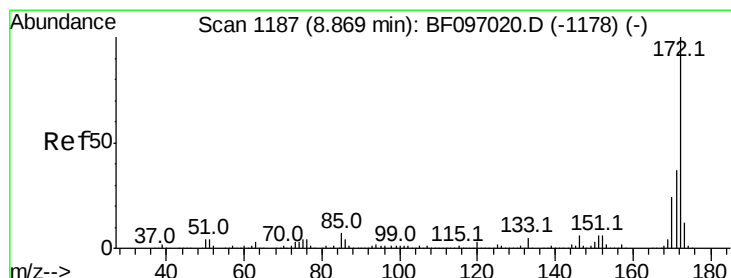
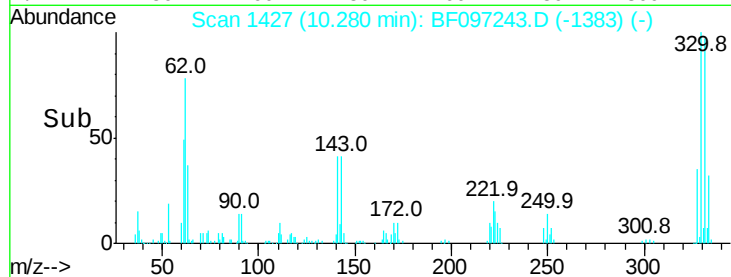
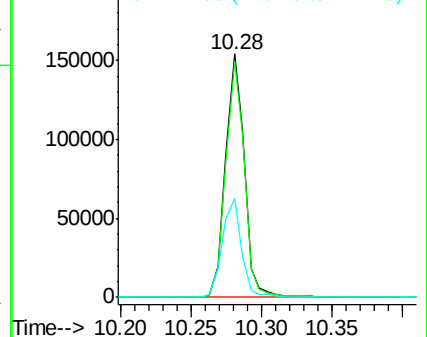
330 100

332 96.5 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: 101.272 ng

RT: 8.83 min Scan# 1180

Delta R.T. -0.04 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

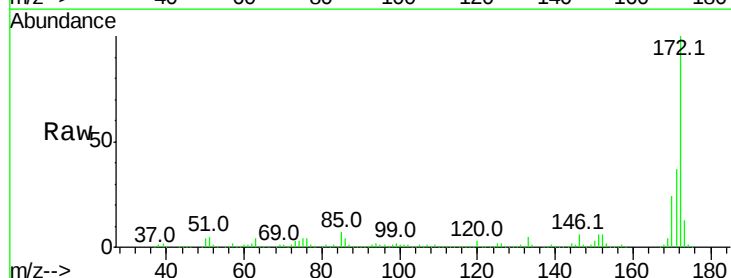
Tgt Ion:172 Resp: 932881

Ion Ratio Lower Upper

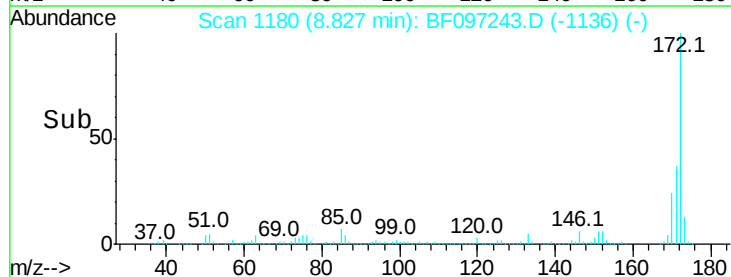
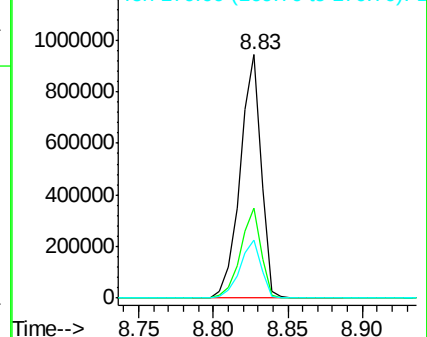
172 100

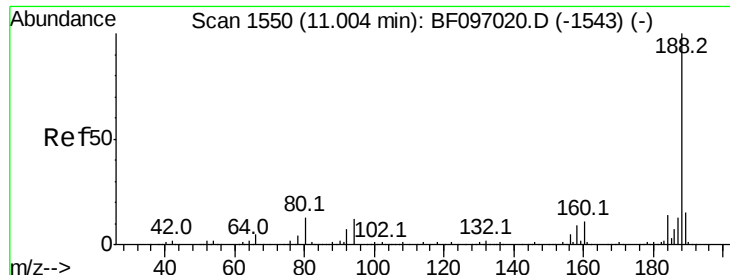
171 36.7 29.6 44.4

170 23.8 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

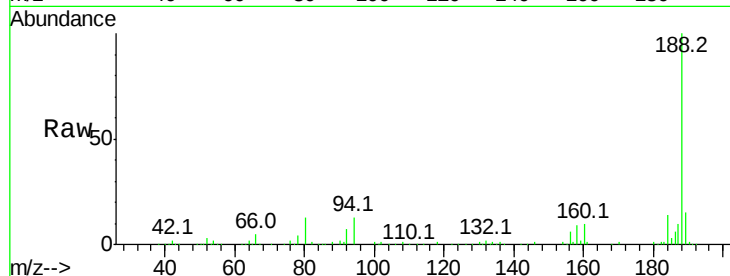




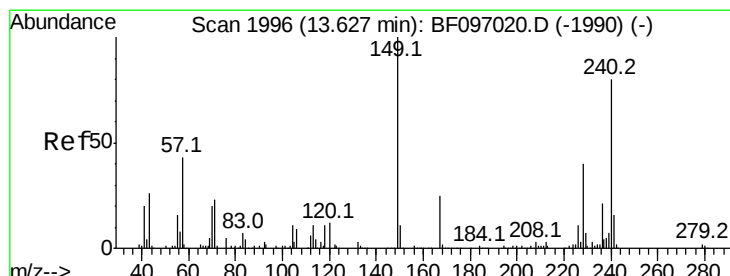
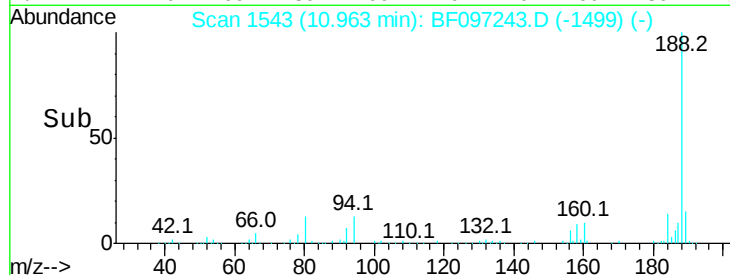
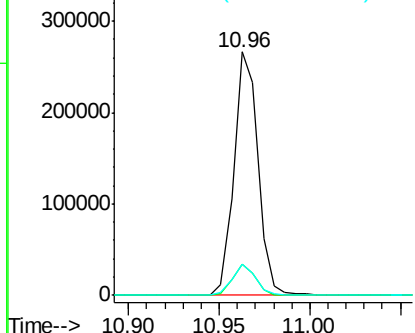
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097243.D
Acq: 1 Aug 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB101139BL

Tot Ion:188 Resp: 246340
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.0 10.2 15.2

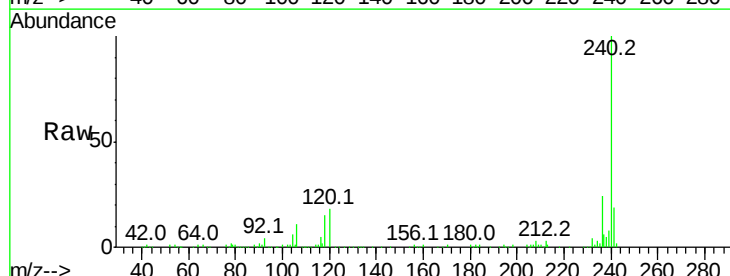


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

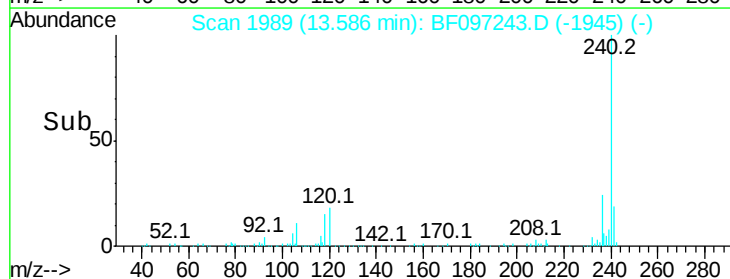
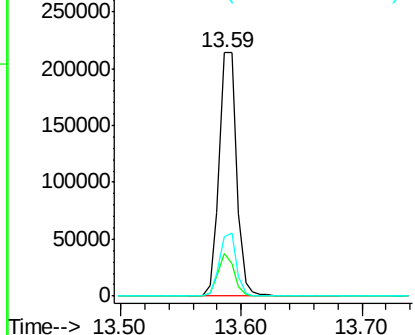


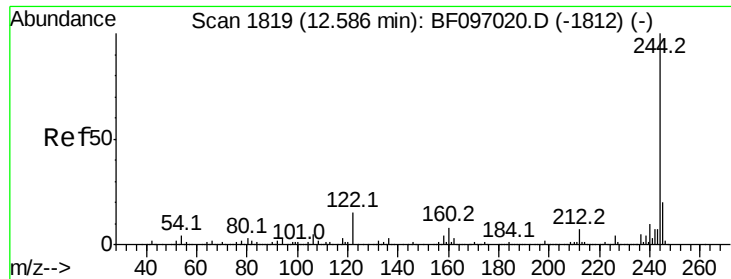
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.04 min
Lab File: BF097243.D
Acq: 1 Aug 2017 20:38

Tgt Ion:240 Resp: 213664
Ion Ratio Lower Upper
240 100
120 17.5 5.8 8.8#
236 24.2 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: 56.990 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF097243.D

Acq: 1 Aug 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB101139BL

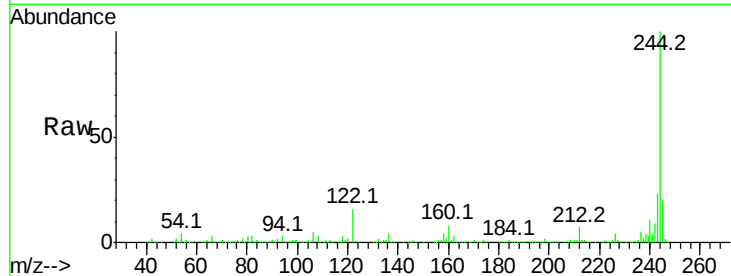
Tot Ion:244 Resp: 597234

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

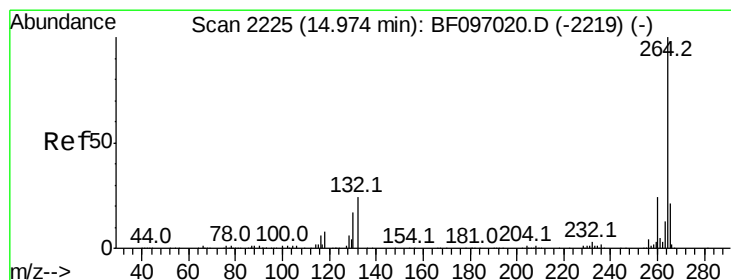
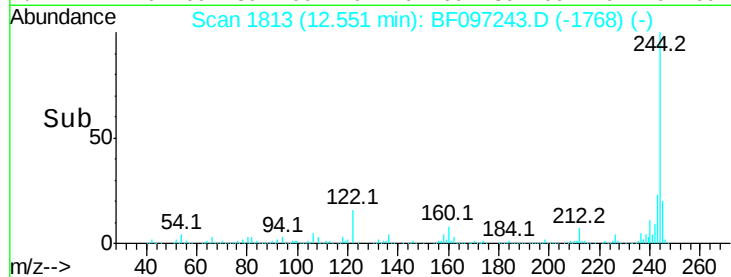
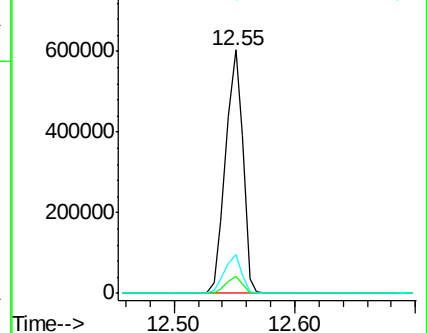
122 16.0 10.3 15.5#



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: BF097243.D

Acq: 1 Aug 2017 20:38

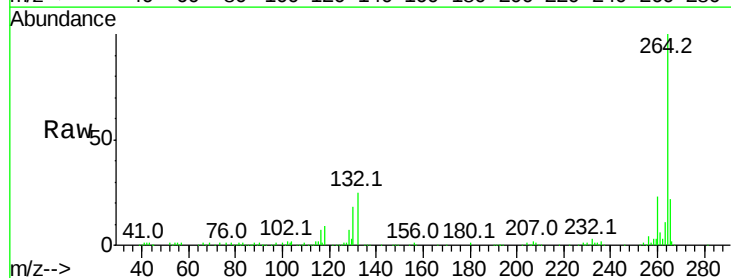
Tgt Ion:264 Resp: 169739

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.7 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

