

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097474.D
 Acq On : 8 Aug 2017 17:26
 Operator : SJ/JU
 Sample : I4594-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000-R4

Quant Time: Aug 08 18:10:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	102133	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	412062	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	174273	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	278576	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	214883	20.00	ng	-0.01
86) Perylene-d12	14.86	264	147199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	899542	132.77	ng	0.01
7) Phenol-d6	6.08	99	1060320	137.09	ng	0.00
23) Nitrobenzene-d5	6.98	82	690180	98.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	199548	144.92	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	987007	96.12	ng	0.00
78) Terphenyl-d14	12.49	244	803516	76.24	ng	0.00

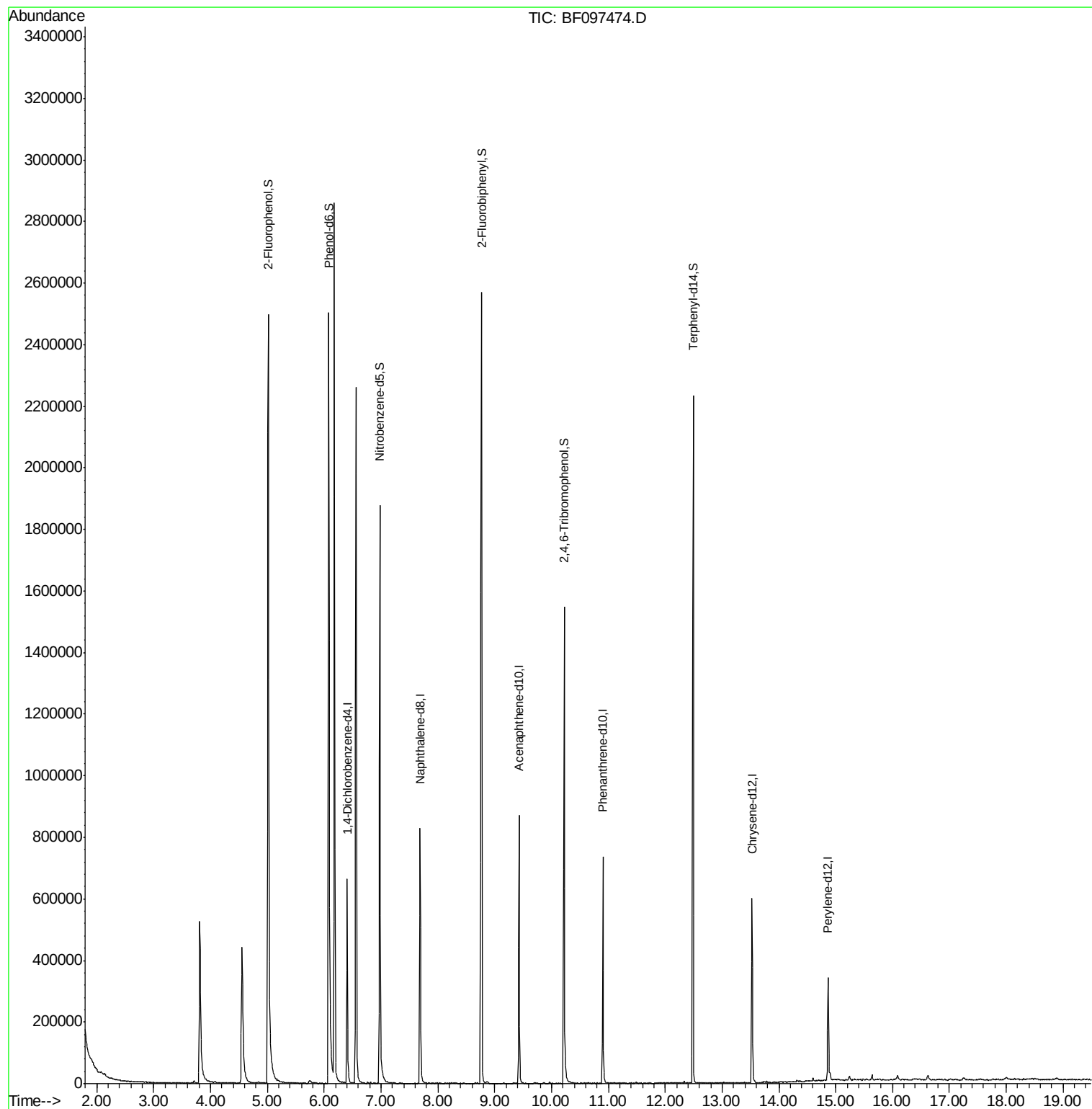
Target Compounds Qvalue

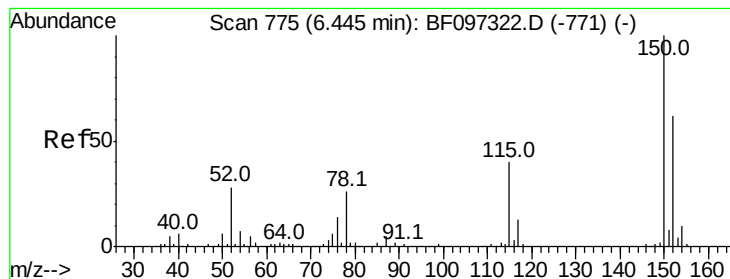
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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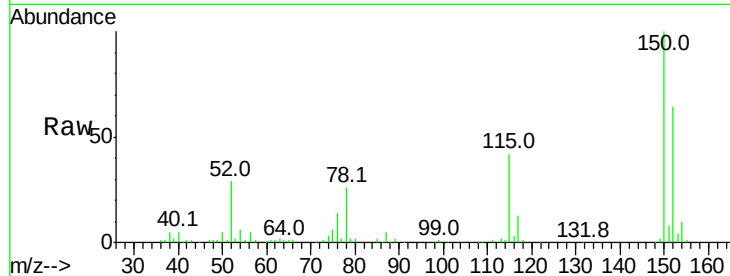


#1

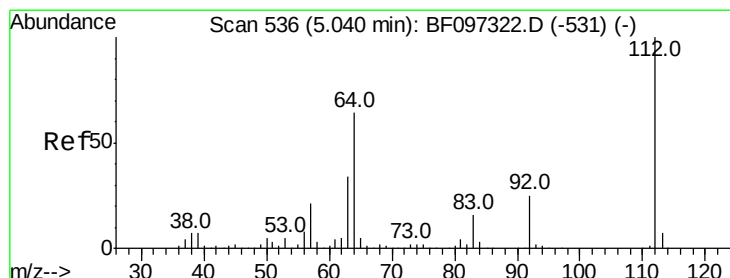
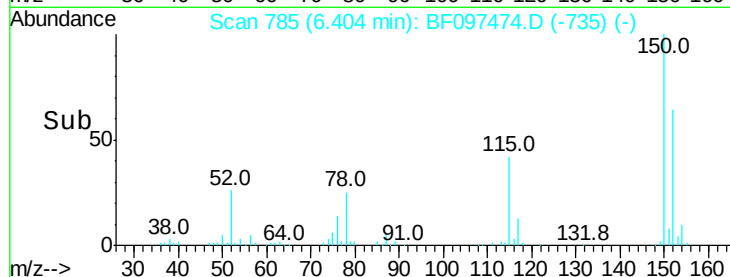
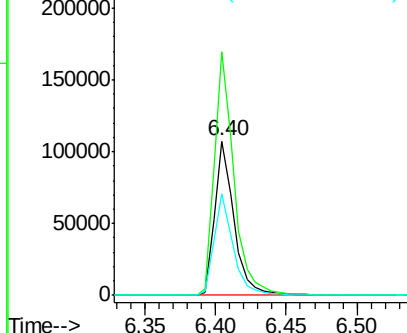
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097474.D
Acq: 8 Aug 2017 17:26

Instrument :
BNA_F
ClientSampleId :
72-12000-R4

Tot Ion:152 Resp: 102133
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 65.4 52.2 78.2



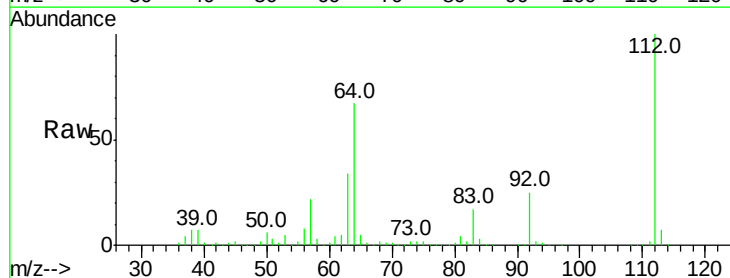
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



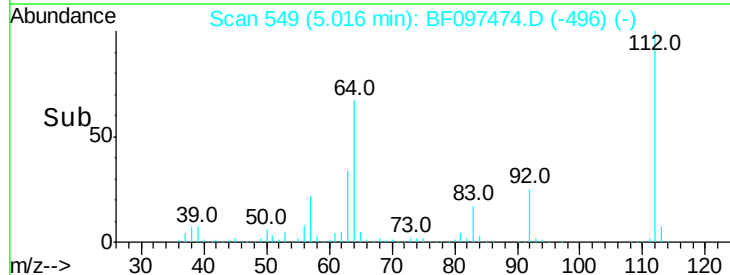
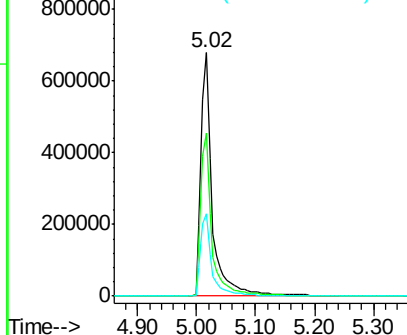
#5

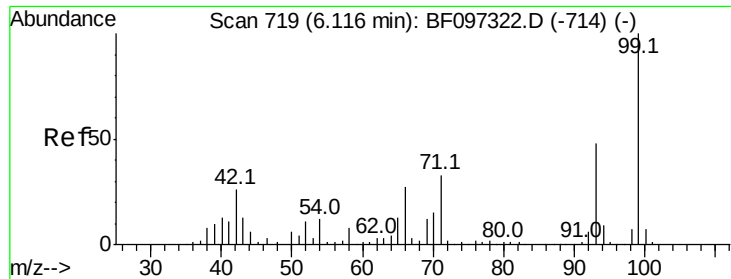
2-Fluorophenol
Concen: 132.773 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097474.D
Acq: 8 Aug 2017 17:26

Tgt Ion:112 Resp: 899542
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 34.1 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: 137.089 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Instrument :

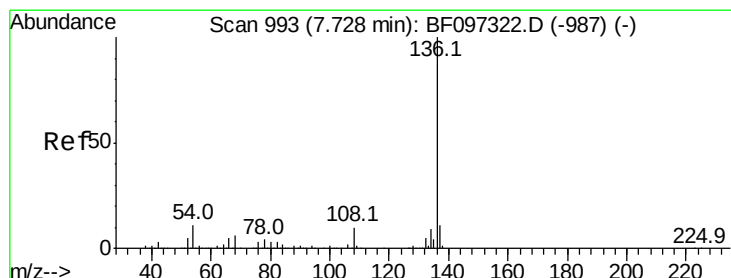
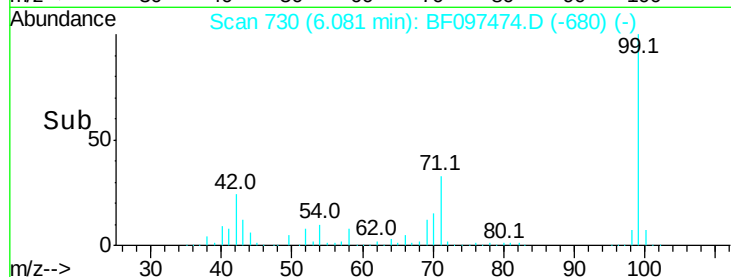
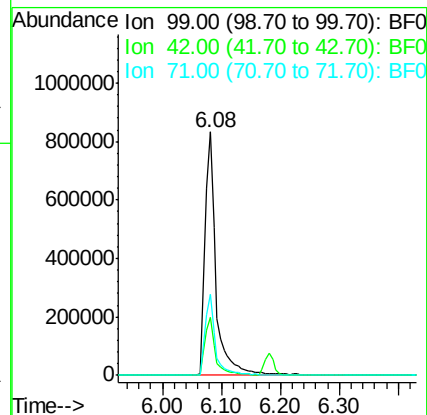
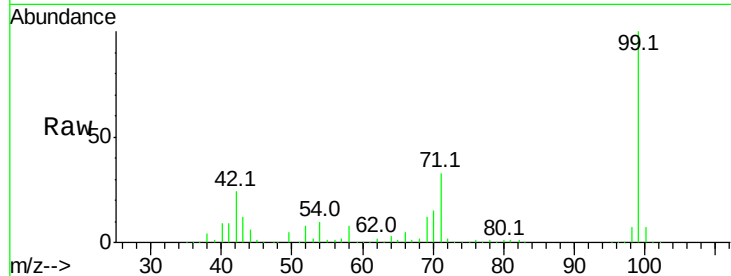
BNA_F

ClientSampleId :

72-12000-R4

Tot Ion: 99 Resp: 1060320

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	33.4	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

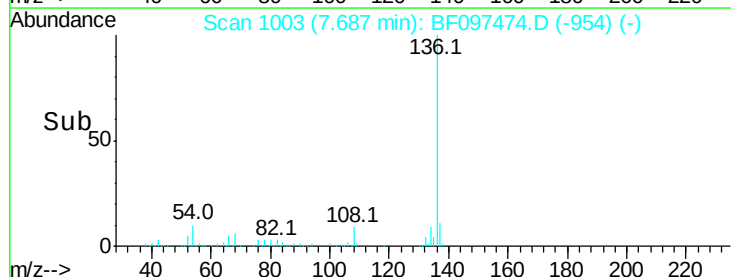
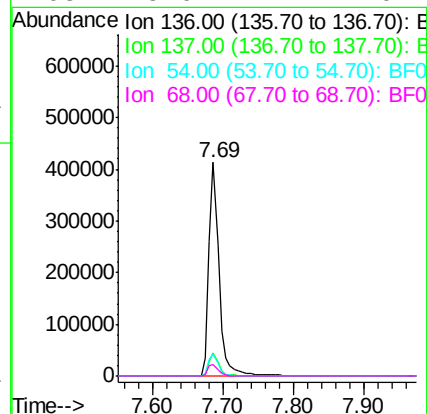
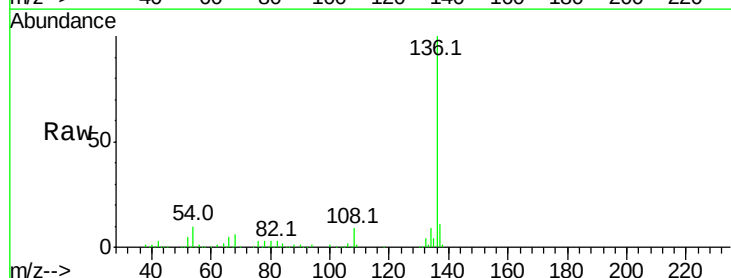
Delta R.T. -0.01 min

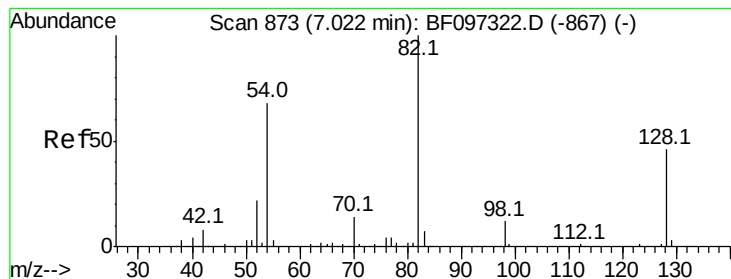
Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Tgt Ion: 136 Resp: 412062

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.3	4.9	7.3#
68	5.6	4.1	6.1





#23

Nitrobenzene-d5

Concen: 98.259 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Instrument :

BNA_F

ClientSampleId :

72-12000-R4

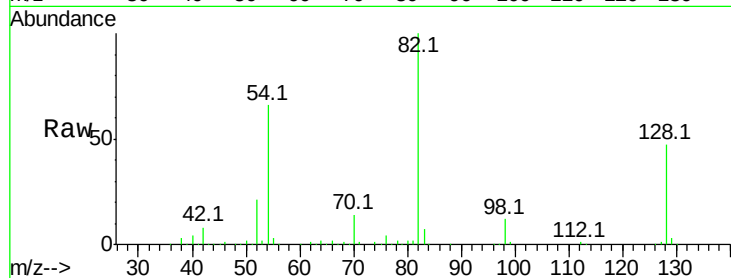
Tot Ion: 82 Resp: 690180

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

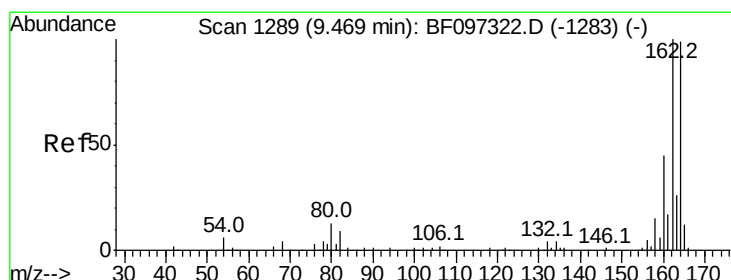
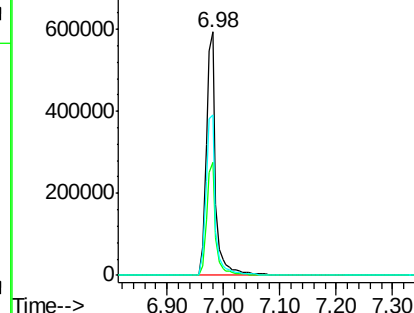
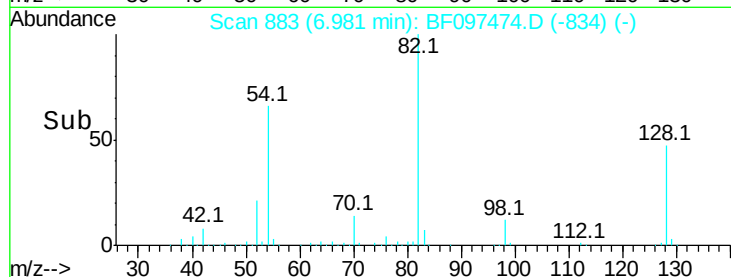
54 66.0 42.2 63.2#



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: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

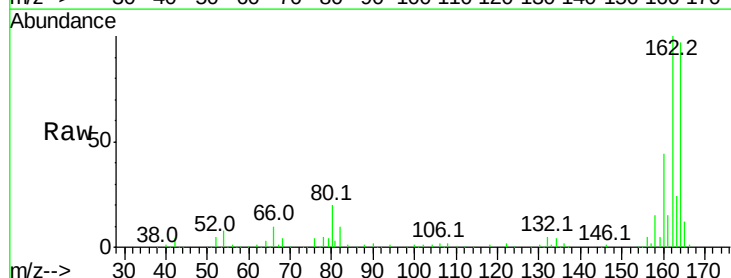
Tgt Ion: 164 Resp: 174273

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

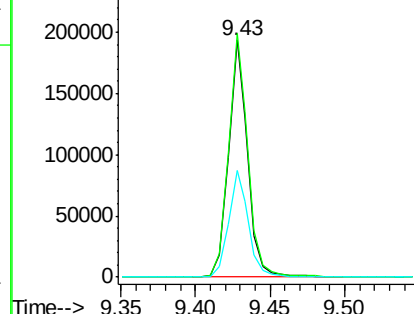
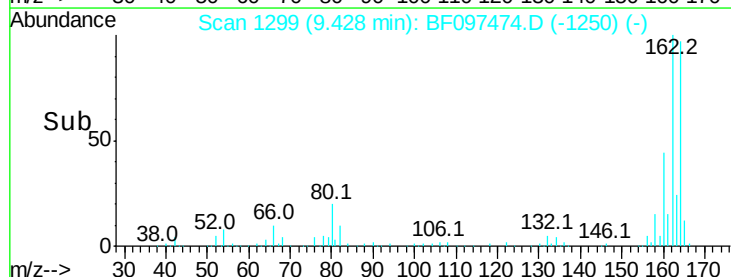
160 45.0 36.2 54.2

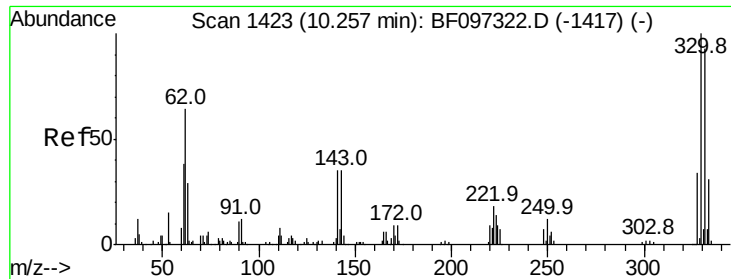


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

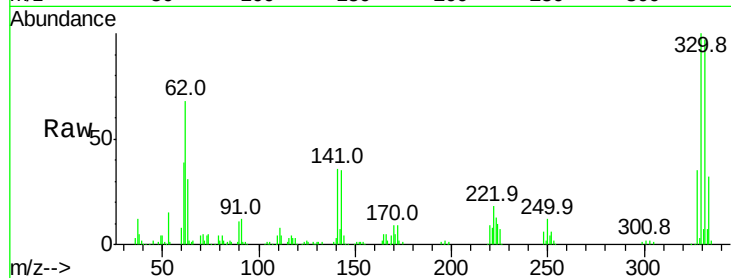




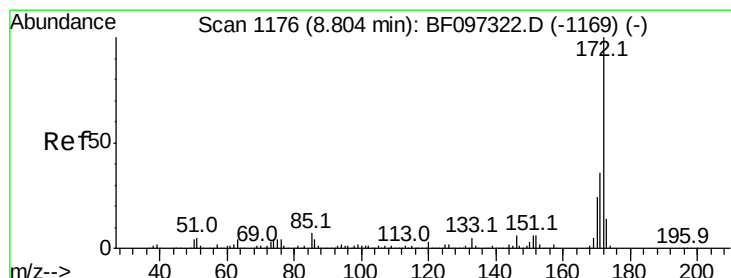
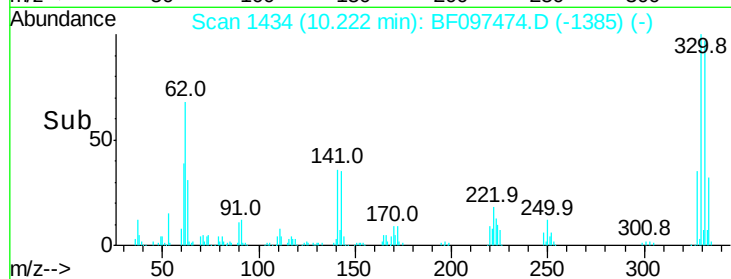
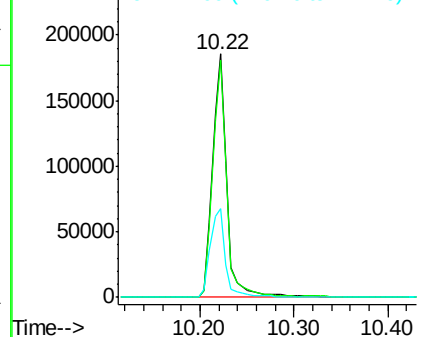
#41
 2,4,6-Tribromophenol
 Concen: 144.923 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097474.D
 Acq: 8 Aug 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 72-12000-R4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	38.8	31.4	47.2

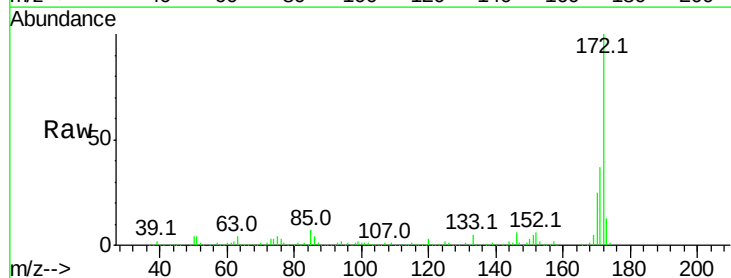


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

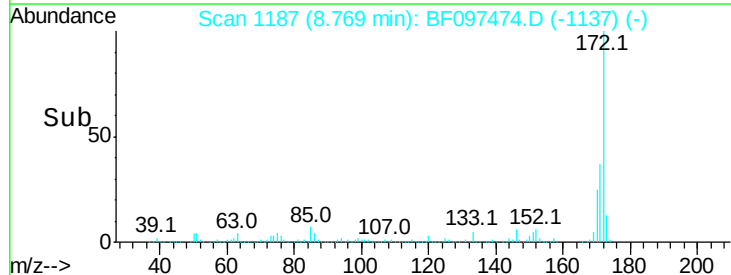
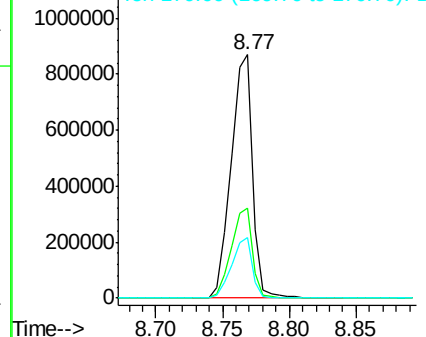


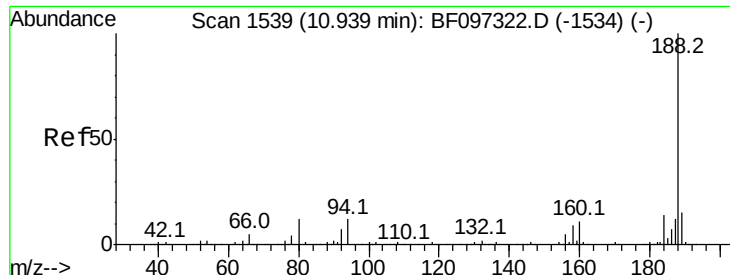
#44
 2-Fluorobiphenyl
 Concen: 96.116 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097474.D
 Acq: 8 Aug 2017 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.7	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

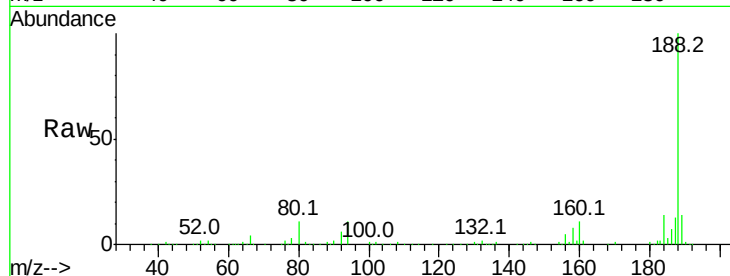




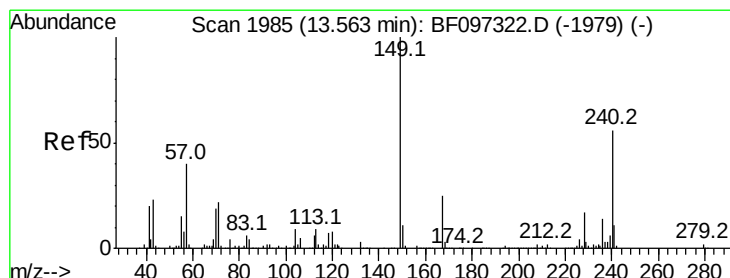
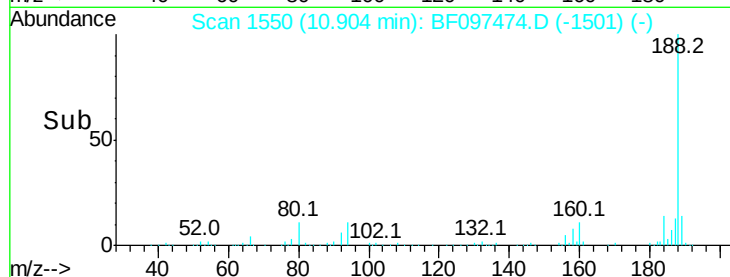
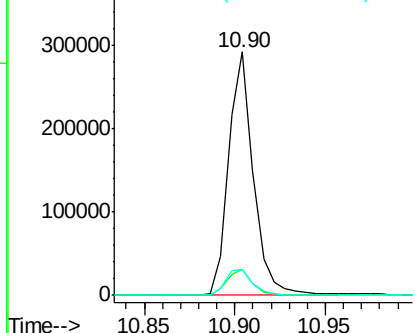
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097474.D
Acq: 8 Aug 2017 17:26

Instrument :
BNA_F
ClientSampleId :
72-12000-R4

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

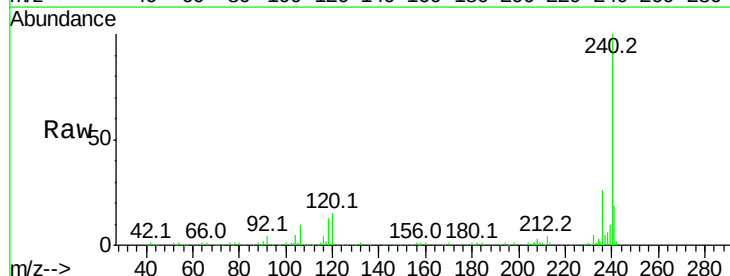


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

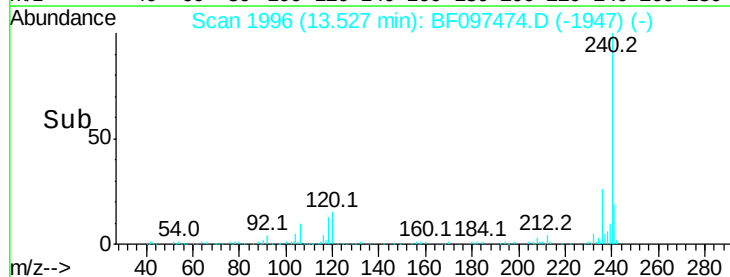
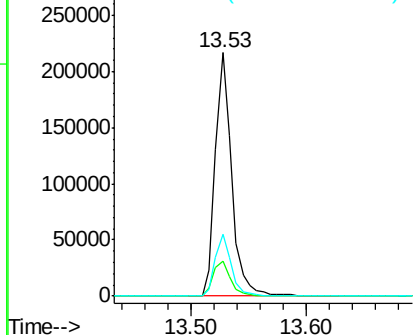


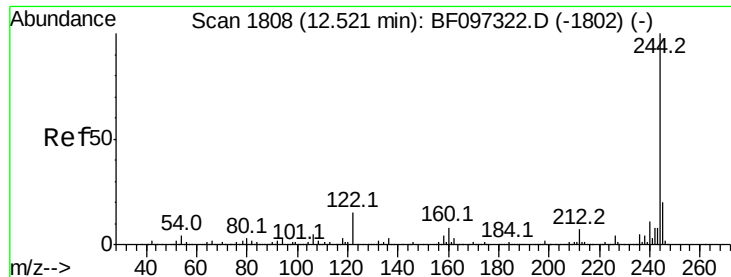
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097474.D
Acq: 8 Aug 2017 17:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.6	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: 76.239 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

Instrument :

BNA_F

ClientSampleId :

72-12000-R4

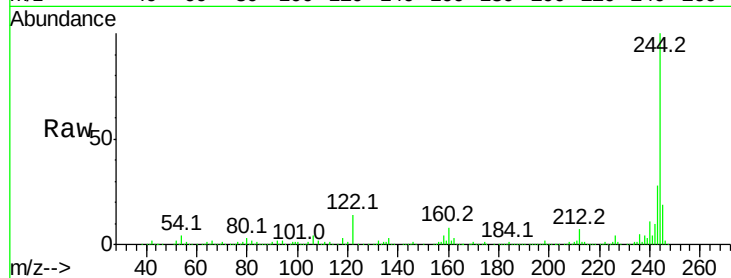
Tot Ion:244 Resp: 803516

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

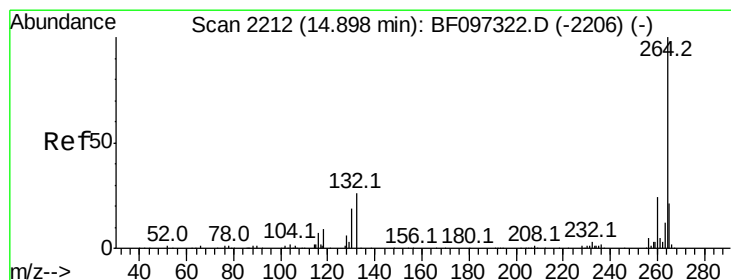
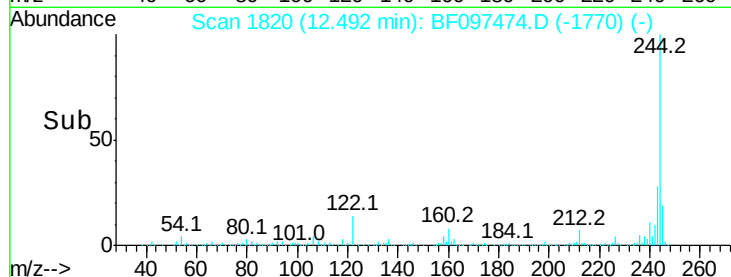
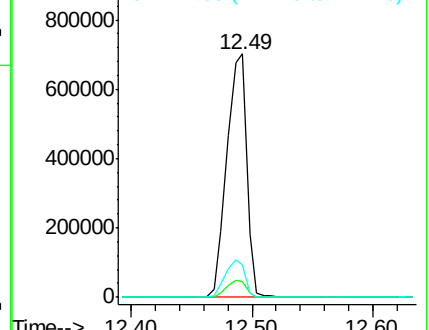
122 13.6 10.3 15.5



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: 14.86 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097474.D

Acq: 8 Aug 2017 17:26

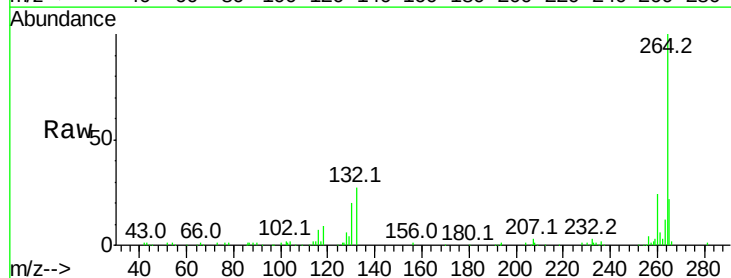
Tgt Ion:264 Resp: 147199

Ion Ratio Lower Upper

264 100

260 24.0 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

