

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097319.D
 Acq On : 3 Aug 2017 14:16
 Operator : SJ/JU
 Sample : I4543-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-C

Quant Time: Aug 03 15:08:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	106635	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	420998	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	155575	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	256176	20.00	ng	-0.01
75) Chrysene-d12	13.57	240	198618	20.00	ng	-0.01
86) Perylene-d12	14.91	264	170561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	544388	76.96	ng	0.01
7) Phenol-d6	6.12	99	537478	66.56	ng	-0.01
23) Nitrobenzene-d5	7.02	82	416664	58.06	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	110719	90.07	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	646016	70.47	ng	0.00
78) Terphenyl-d14	12.53	244	416288	42.73	ng	-0.01

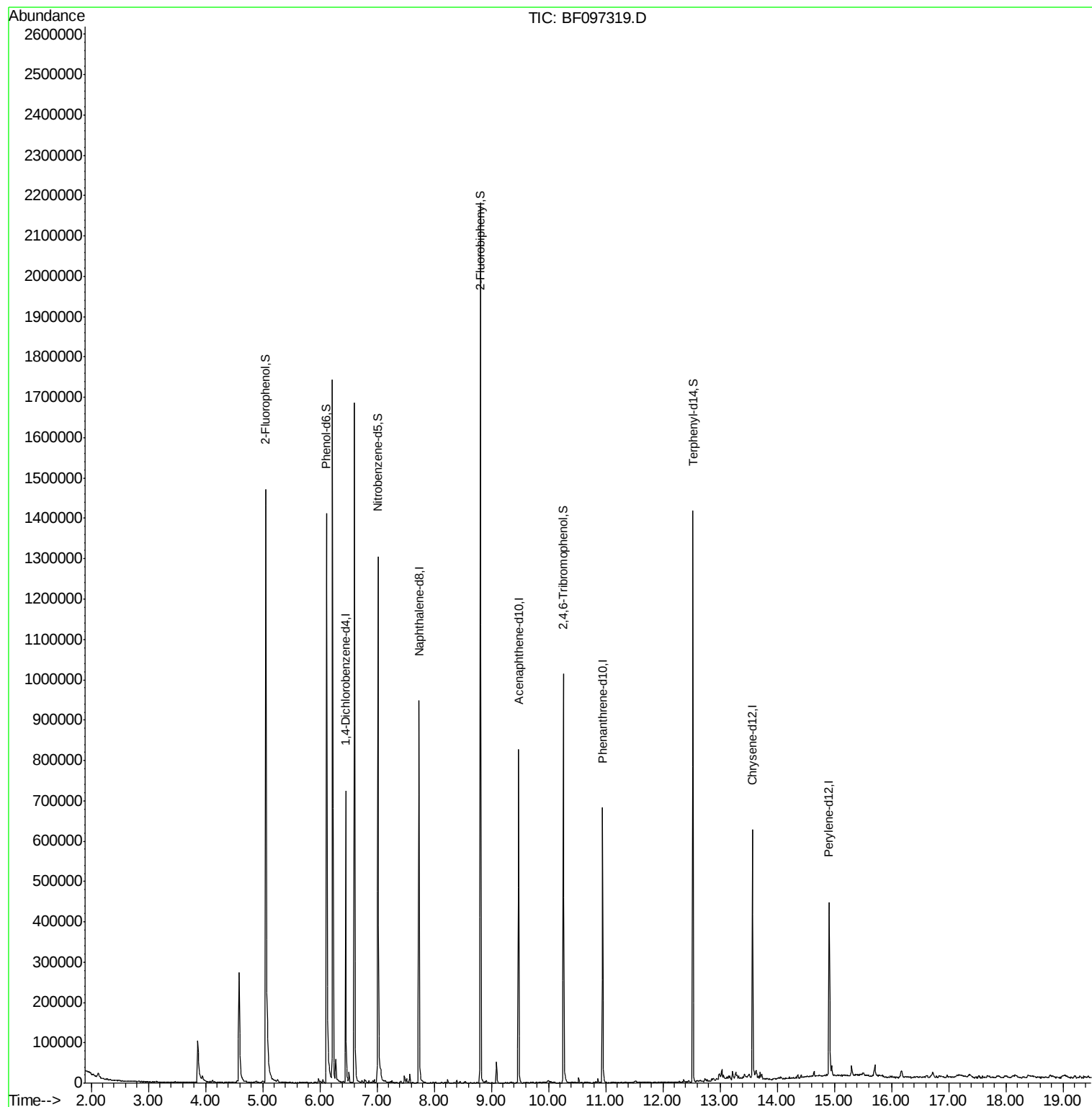
Target Compounds Qvalue

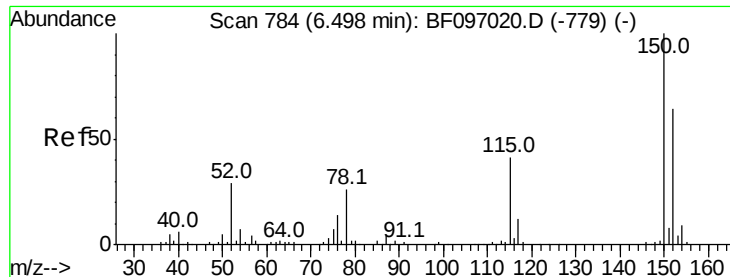
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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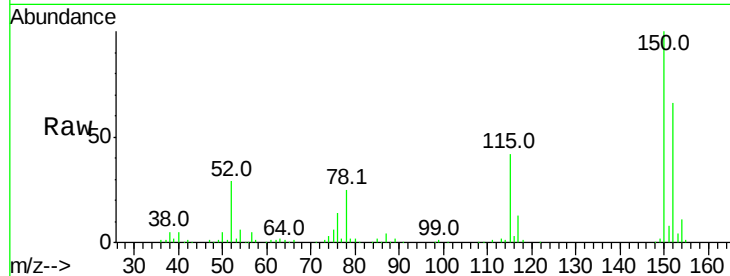


#1

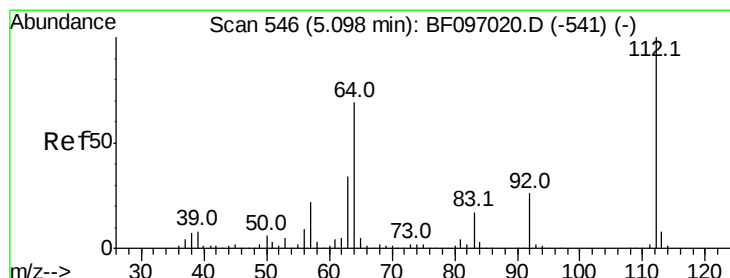
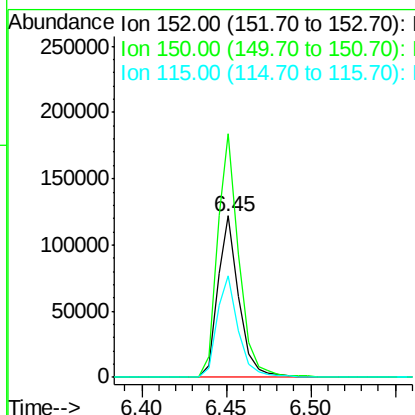
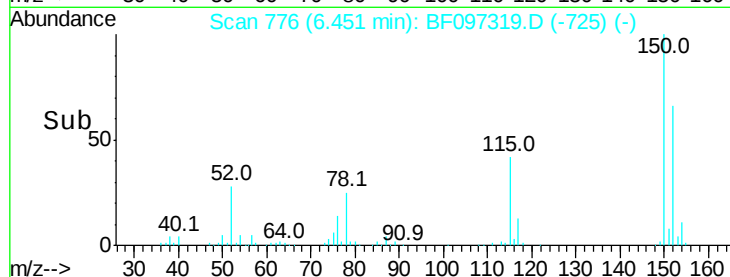
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097319.D
Acq: 3 Aug 2017 14:16

Instrument :
BNA_F
ClientSampleId :
HR-05-073117-C

Tot Ion:152 Resp: 106635
Ion Ratio Lower Upper
152 100
150 150.9 126.2 189.2
115 62.7 52.2 78.2



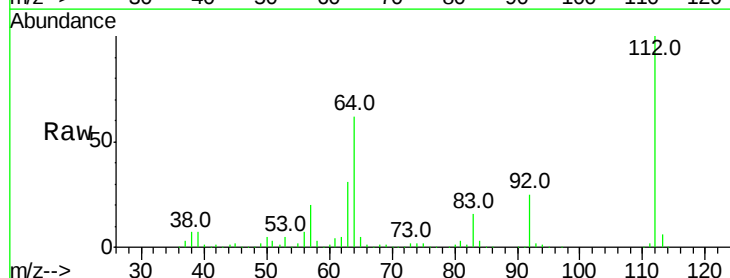
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



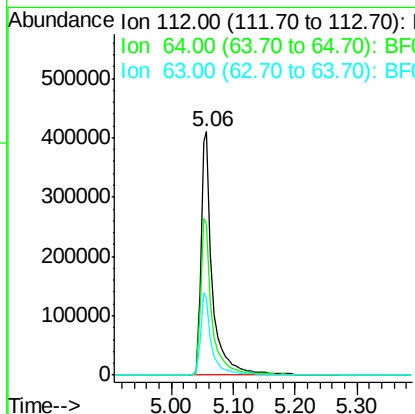
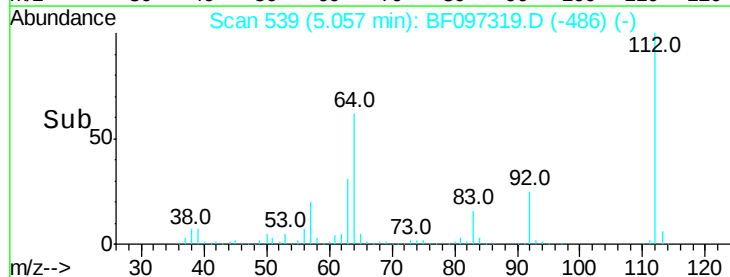
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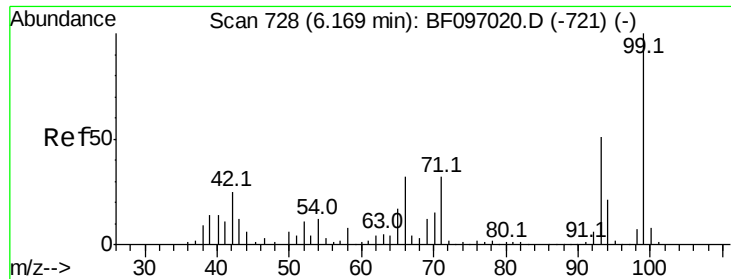
2-Fluorophenol
Concen: 76.960 ng
RT: 5.06 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF097319.D
Acq: 3 Aug 2017 14:16

Tgt Ion:112 Resp: 544388
Ion Ratio Lower Upper
112 100
64 62.2 46.0 69.0
63 31.5 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: 66.557 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF097319.D

Acq: 3 Aug 2017 14:16

Instrument :

BNA_F

ClientSampleId :

HR-05-073117-C

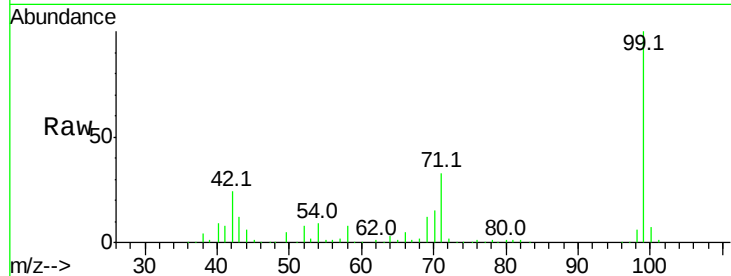
Tot Ion: 99 Resp: 537478

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

71 33.2 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

6.12

500000

400000

300000

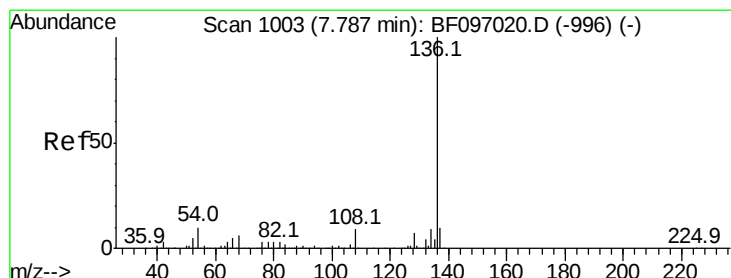
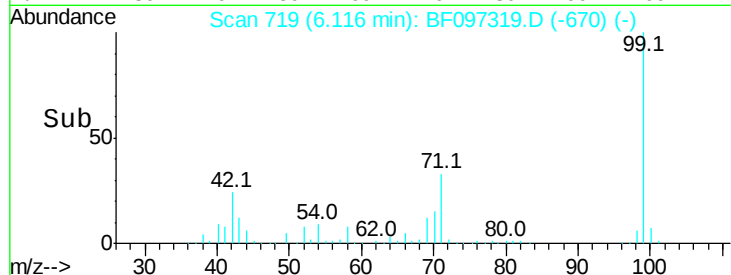
200000

100000

0

6.10 6.20 6.30

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097319.D

Acq: 3 Aug 2017 14:16

Tgt Ion: 136 Resp: 420998

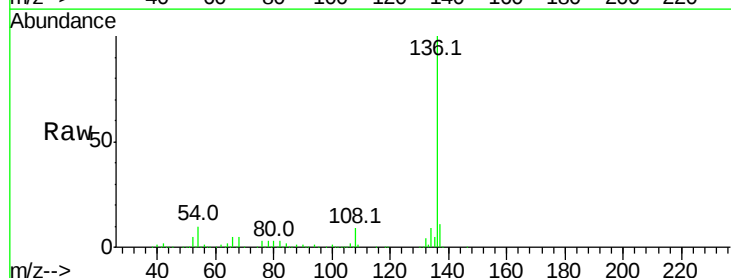
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.9 4.9 7.3#

68 5.3 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

7.73

600000

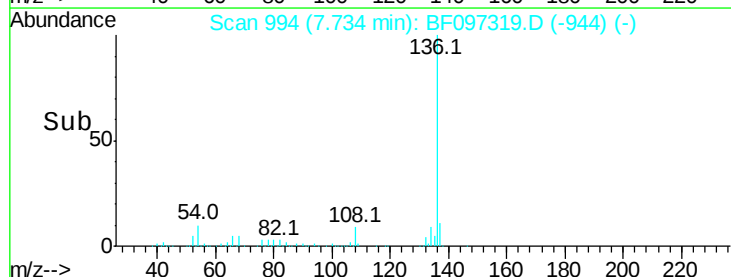
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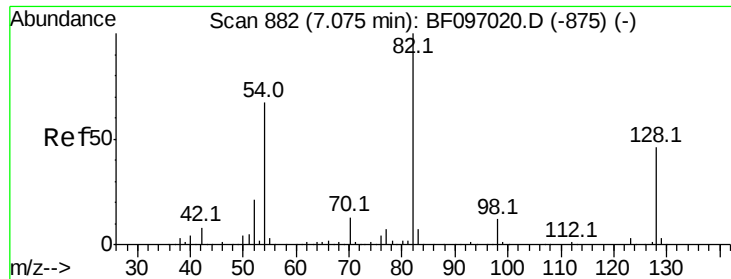
200000

0

7.70 7.80 7.90

Time-->

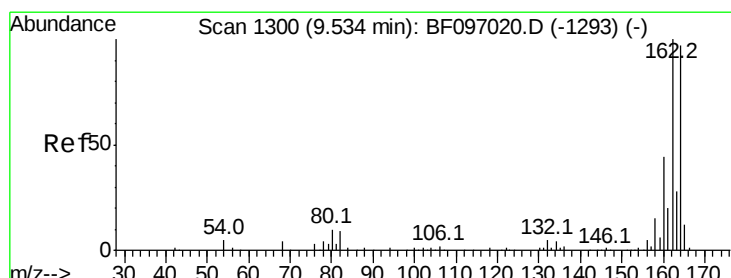
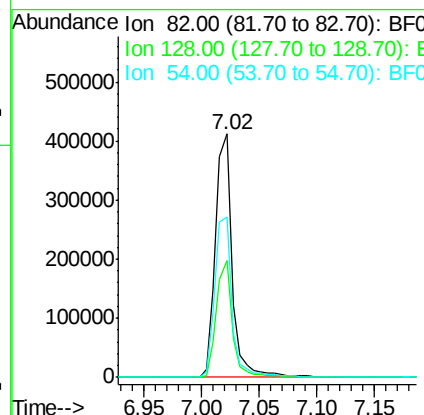
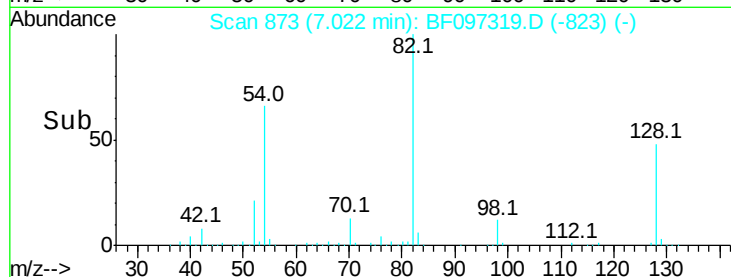
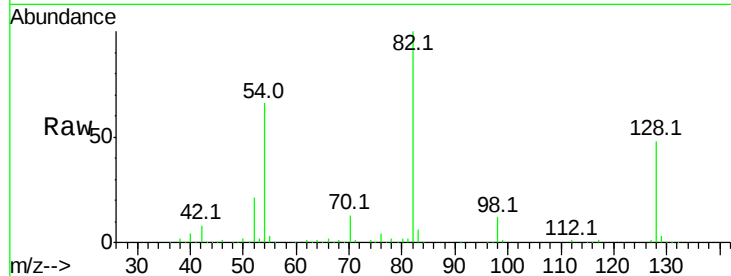




#23
 Nitrobenzene-d5
 Concen: 58.060 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF097319.D
 Acq: 3 Aug 2017 14:16

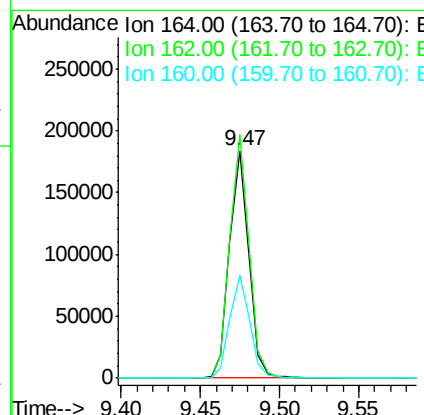
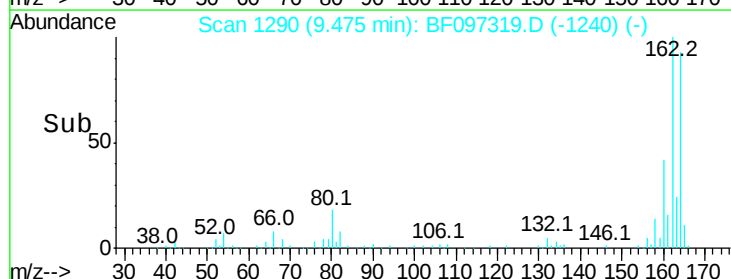
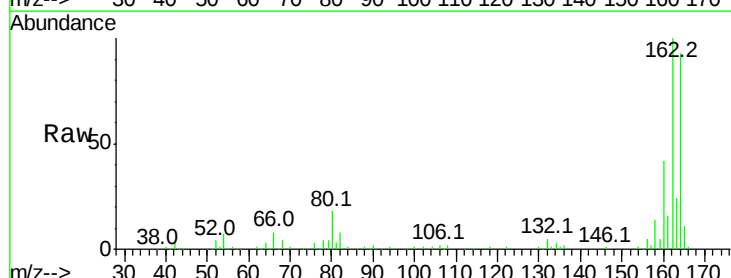
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-C

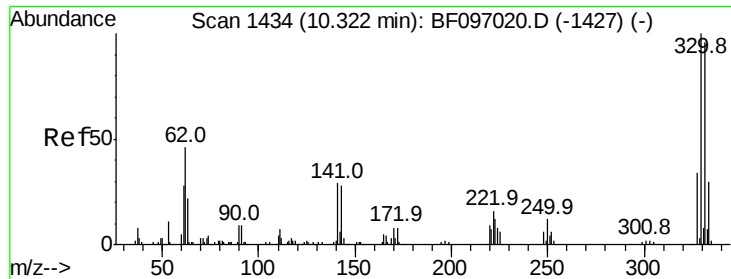
Tot Ion: 82 Resp: 416664
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 65.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097319.D
 Acq: 3 Aug 2017 14:16

Tgt Ion:164 Resp: 155575
 Ion Ratio Lower Upper
 164 100
 162 107.2 82.6 123.8
 160 45.3 36.2 54.2

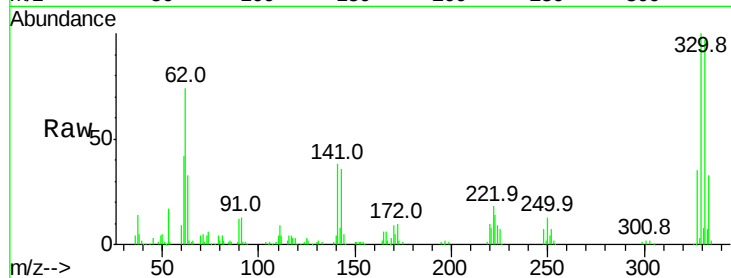




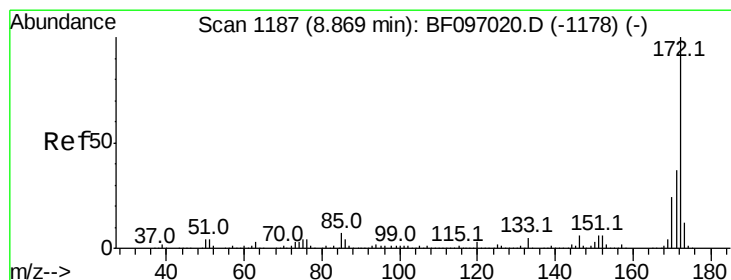
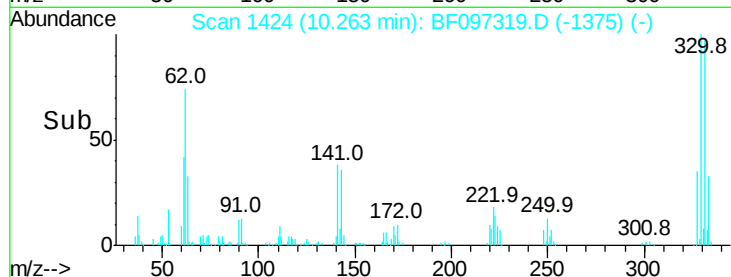
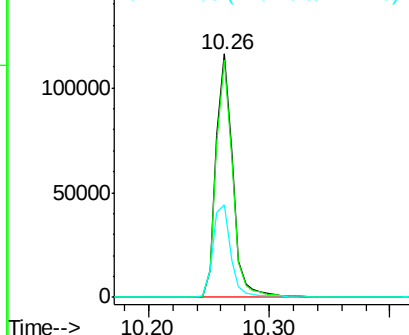
#41
 2,4,6-Tribromophenol
 Concen: 90.075 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097319.D
 Acq: 3 Aug 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-C

Tot Ion:330 Resp: 110719
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 40.6 31.4 47.2

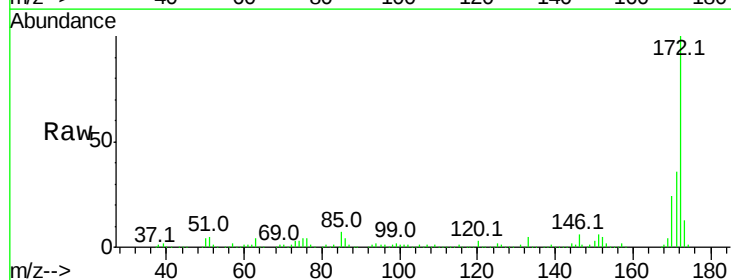


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

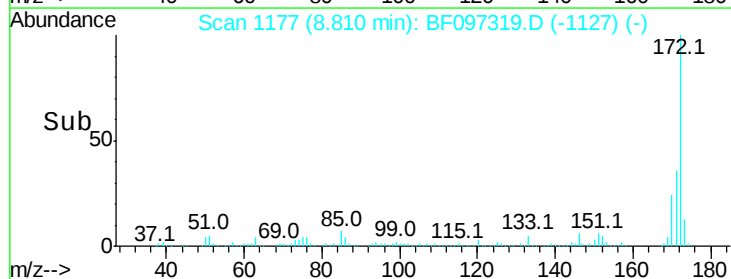
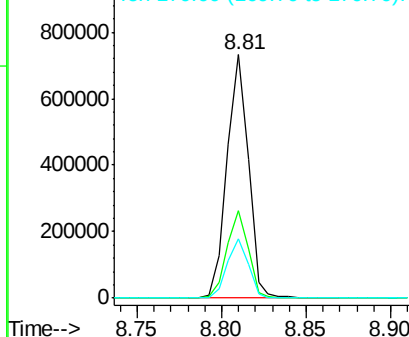


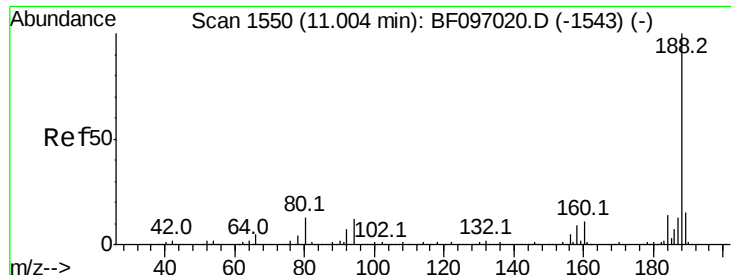
#44
 2-Fluorobiphenyl
 Concen: 70.471 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097319.D
 Acq: 3 Aug 2017 14:16

Tgt Ion:172 Resp: 646016
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.2 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

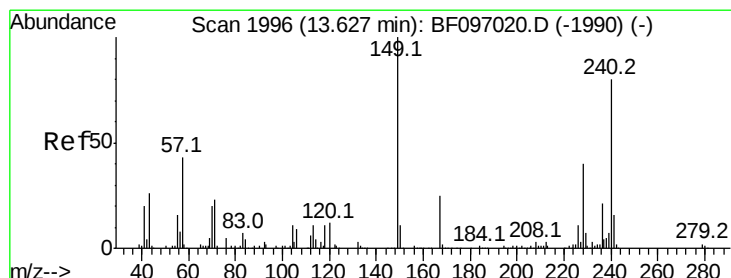
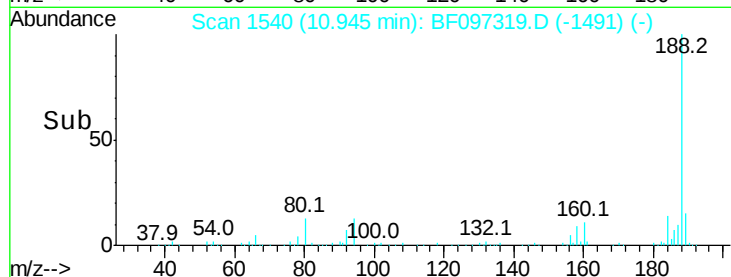
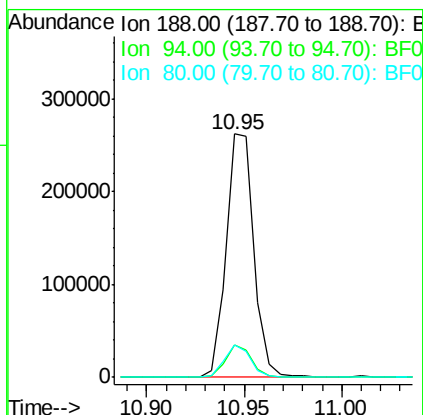
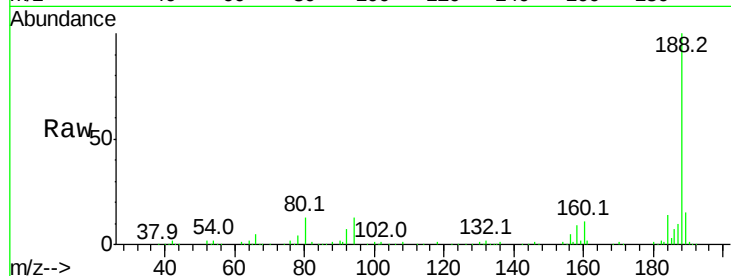




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF097319.D
Acq: 3 Aug 2017 14:16

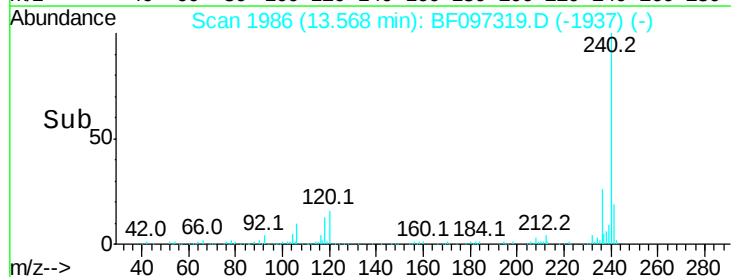
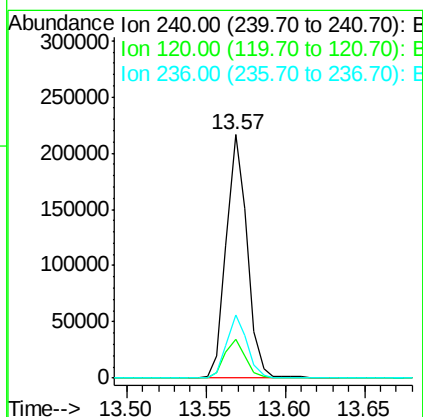
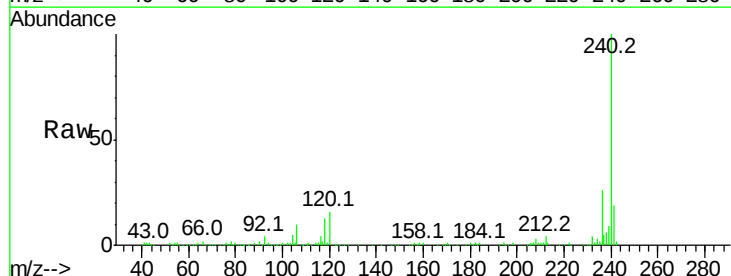
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BNA_F
ClientSampleId :
HR-05-073117-C

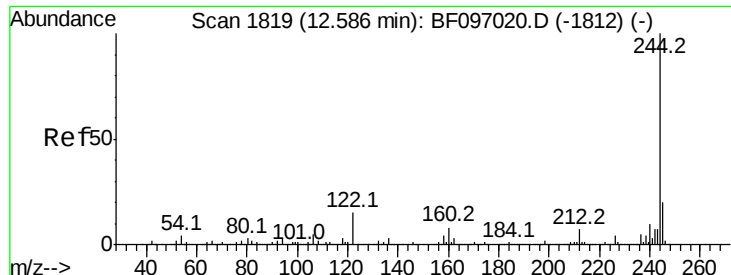
Tot Ion	Ratio	Lower	Upper
188	100		
94	13.4	9.4	14.2
80	13.4	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097319.D
Acq: 3 Aug 2017 14:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 42.733 ng

RT: 12.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097319.D

Acq: 3 Aug 2017 14:16

Instrument :

BNA_F

ClientSampleId :

HR-05-073117-C

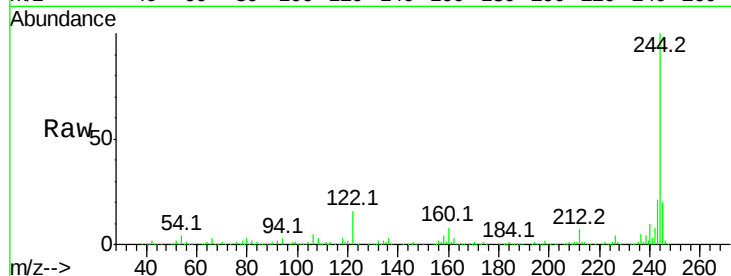
Tot Ion:244 Resp: 416288

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

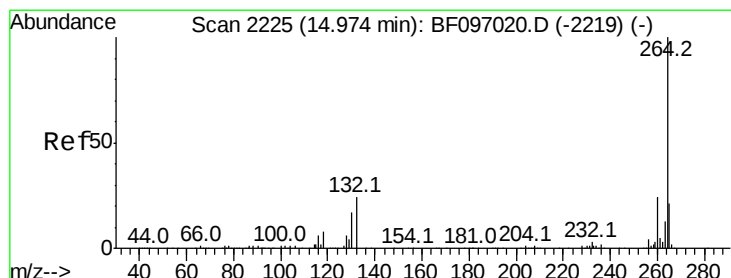
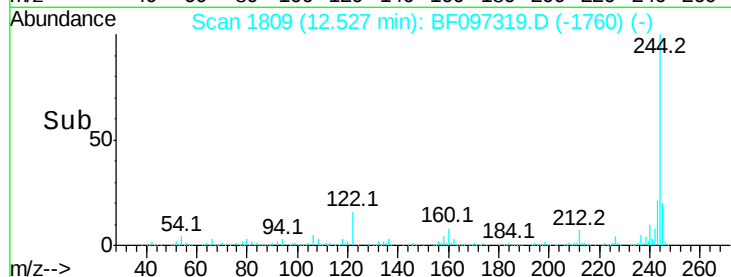
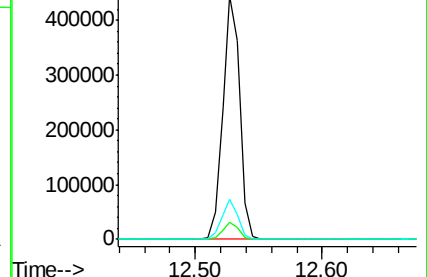
122 16.5 10.3 15.5#



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: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097319.D

Acq: 3 Aug 2017 14:16

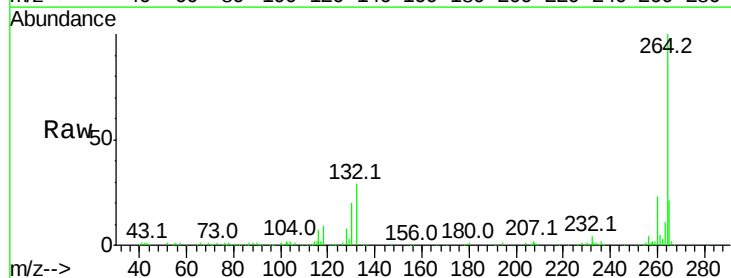
Tgt Ion:264 Resp: 170561

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.0 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

