

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071918\
 Data File : BE097009.D
 Acq On : 19 Jul 2018 17:40
 Operator : SJ/JU
 Sample : J4014-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D3-071318

Quant Time: Jul 20 04:32:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

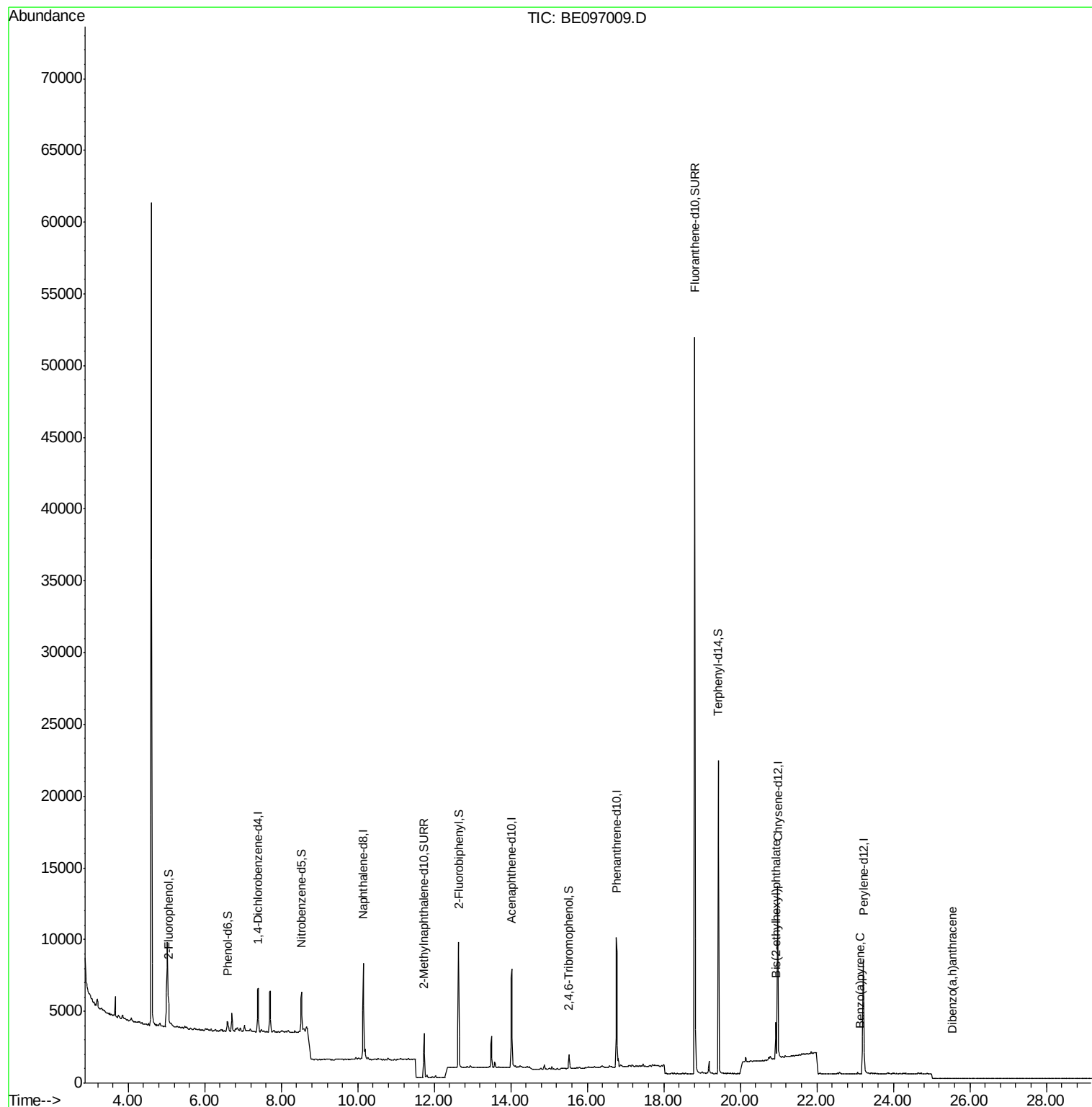
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1519	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7095	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	4324	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	13039	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	12506	0.40	ng	0.00
34) Perylene-d12	23.21	264	11350	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	864	0.24	ng	0.01
5) Phenol-d6	6.59	99	623	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	2638	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4361	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	592	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	8539	0.53	ng	0.00
25) Fluoranthene-d10	18.81	212	65867	0.58	ng	0.00
29) Terphenyl-d14	19.43	244	17739	0.74	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.45	266	8	Below Cal		96
32) Bis(2-ethylhexyl)phthalate	20.93	149	3103	0.104 ng		100
37) Benzo(a)pyrene	23.12	252	3	0.101 ng	#	1
38) Dibenzo(a,h)anthracene	25.54	278	2	0.118 ng	#	1

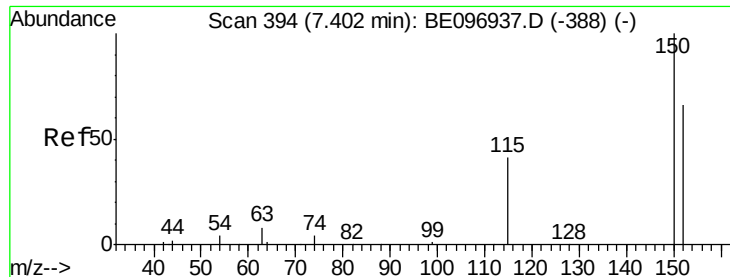
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. -0.00 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318

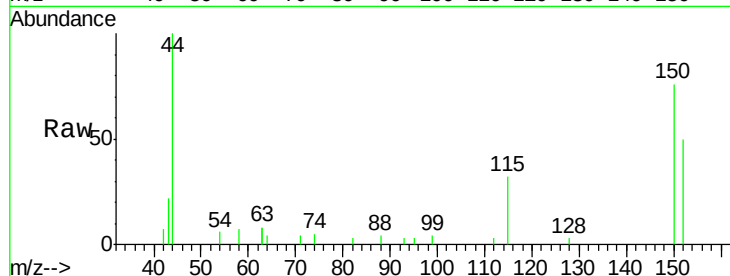
Tgt Ion:152 Resp: 1519

Ion Ratio Lower Upper

152 100

150 151.8 117.2 175.8

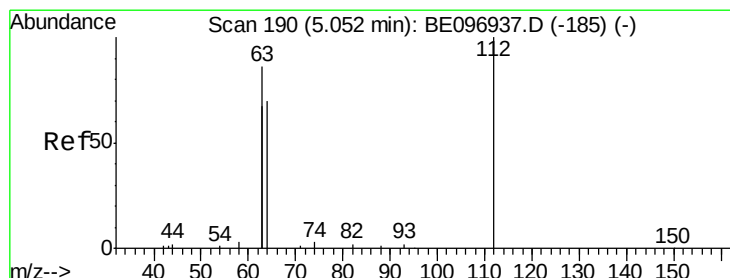
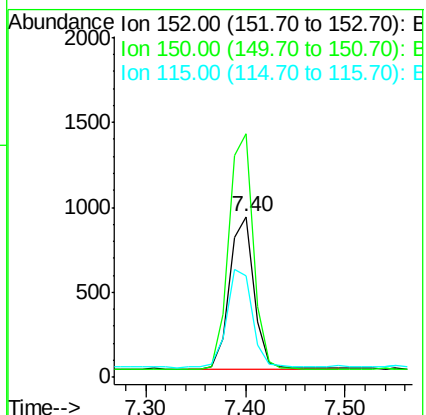
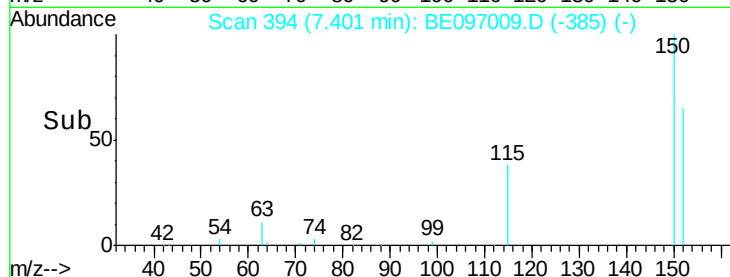
115 63.1 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.238 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

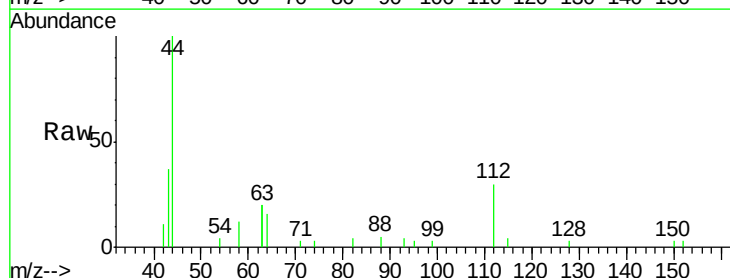
Tgt Ion:112 Resp: 864

Ion Ratio Lower Upper

112 100

64 67.0 60.1 90.1

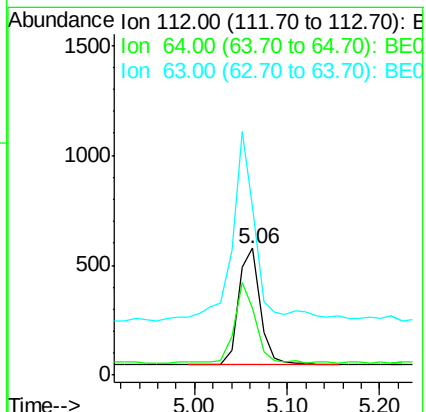
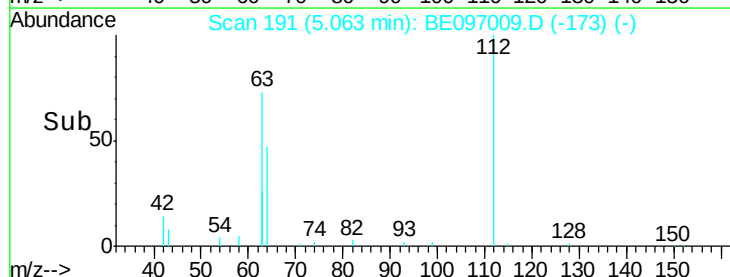
63 169.1 116.8 175.2

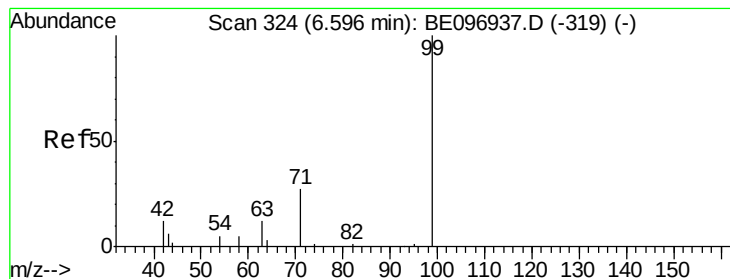


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.112 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318

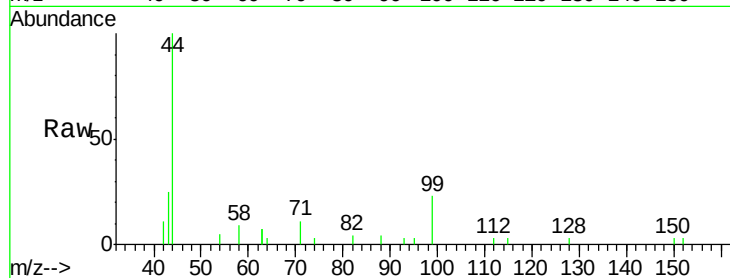
Tgt Ion: 99 Resp: 623

Ion Ratio Lower Upper

99 100

42 23.4 20.2 30.2

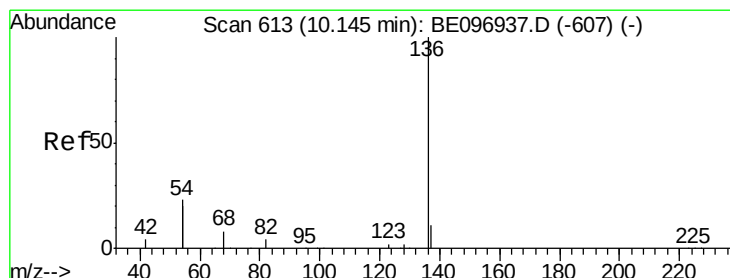
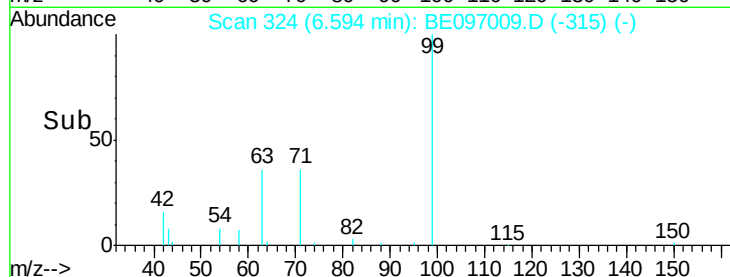
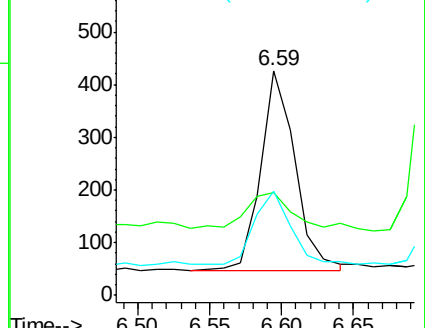
71 40.0 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

Tgt Ion: 136 Resp: 7095

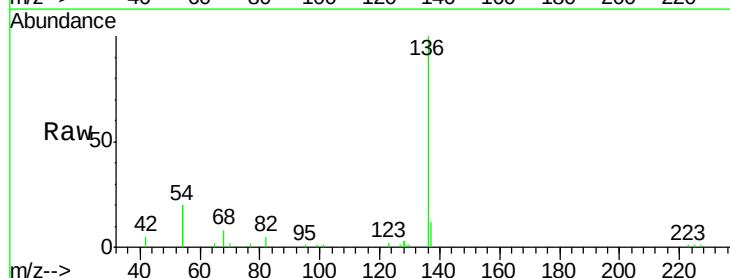
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 41.0 29.1 43.7

68 8.3 6.2 9.2

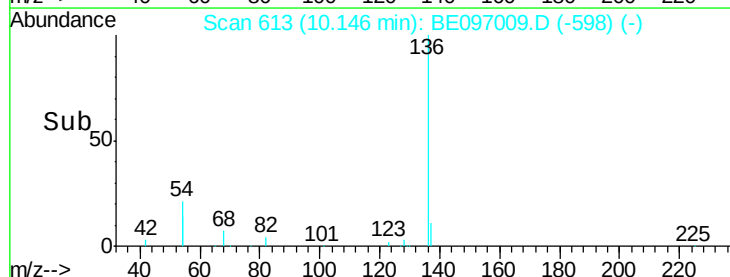
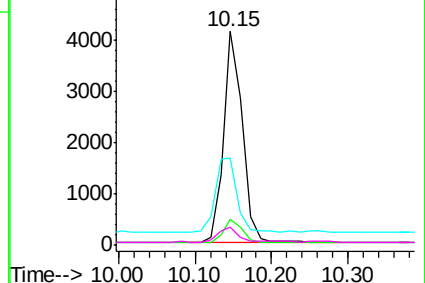


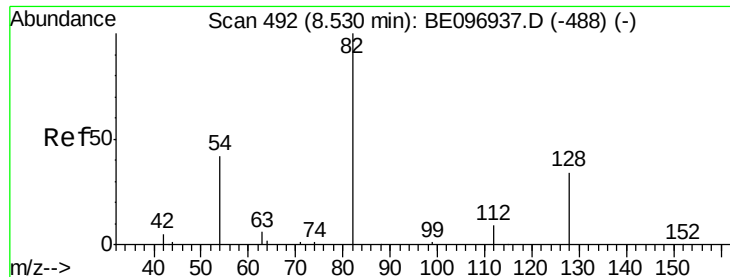
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.510 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318

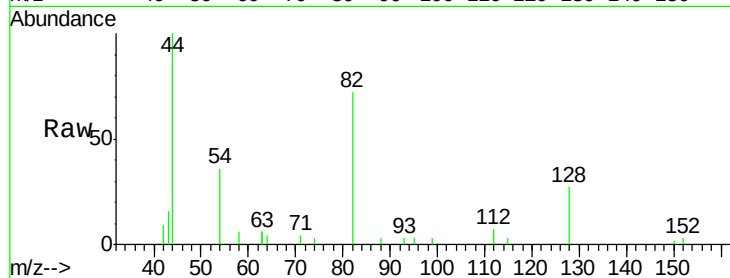
Tgt Ion: 82 Resp: 2638

Ion Ratio Lower Upper

82 100

128 37.5 24.0 36.0#

54 49.7 40.0 60.0

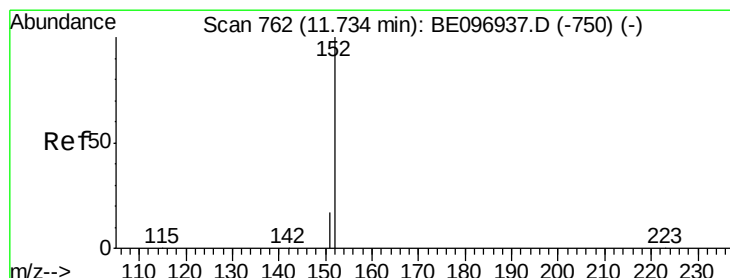
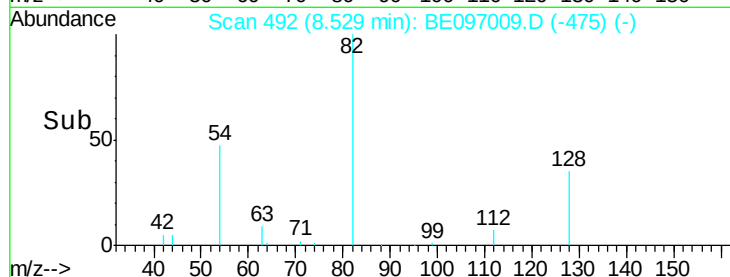


Abundance Ion 82.00 (81.70 to 82.70): BE096937.D (-488) (-)

Ion 128.00 (127.70 to 128.70): BE096937.D (-488) (-)

Ion 54.00 (53.70 to 54.70): BE096937.D (-488) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.422 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097009.D

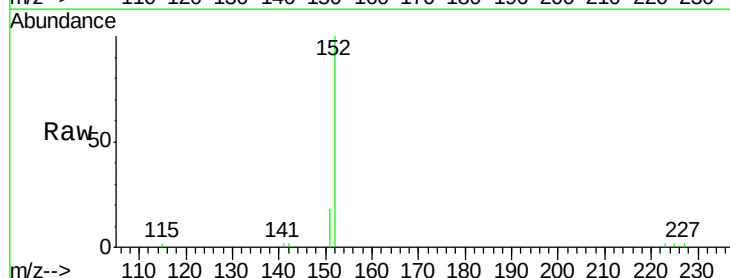
Acq: 19 Jul 2018 17:40

Tgt Ion: 152 Resp: 4361

Ion Ratio Lower Upper

152 100

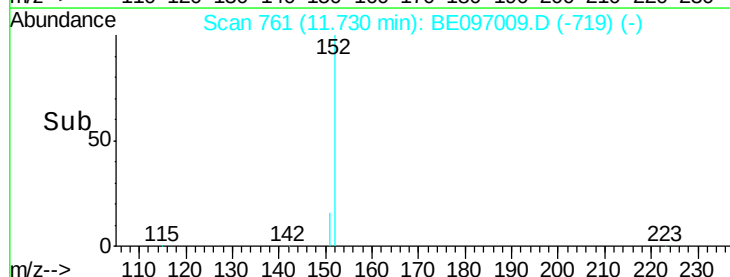
151 19.0 15.4 23.0

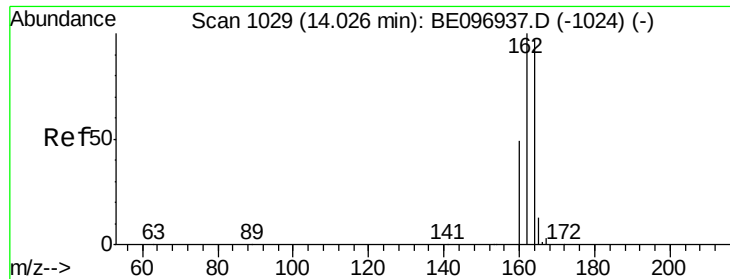


Abundance Ion 152.00 (151.70 to 152.70): BE096937.D (-750) (-)

Ion 151.00 (150.70 to 151.70): BE096937.D (-750) (-)

Time-->

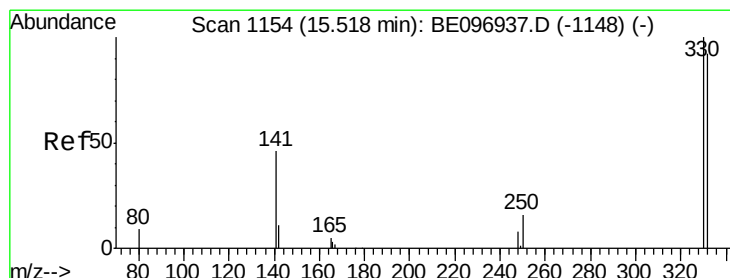
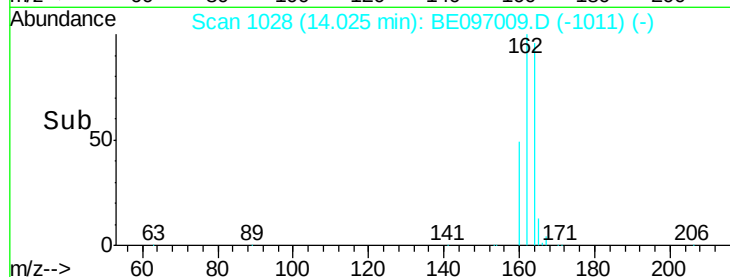
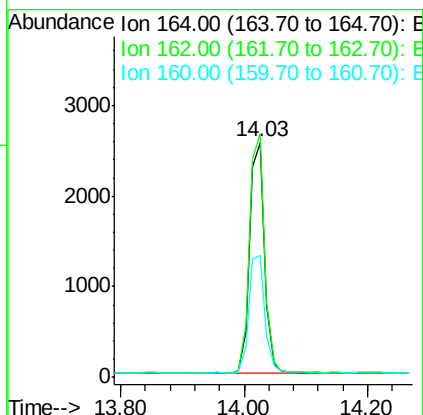
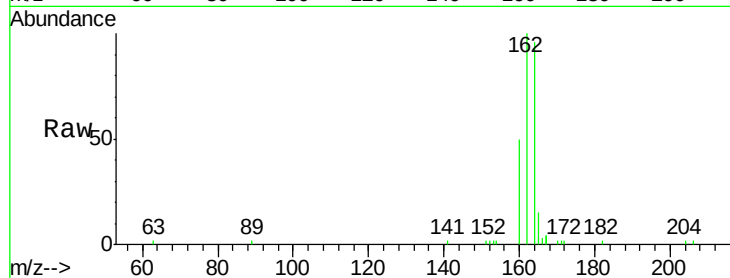




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097009.D
Acq: 19 Jul 2018 17:40

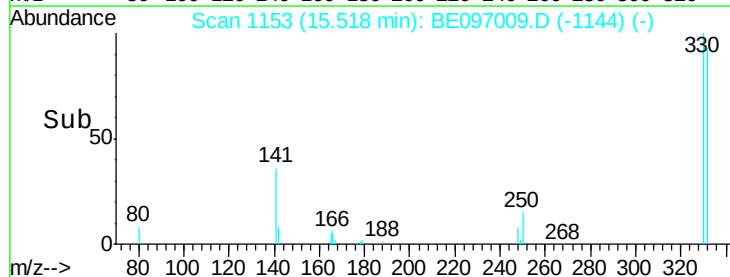
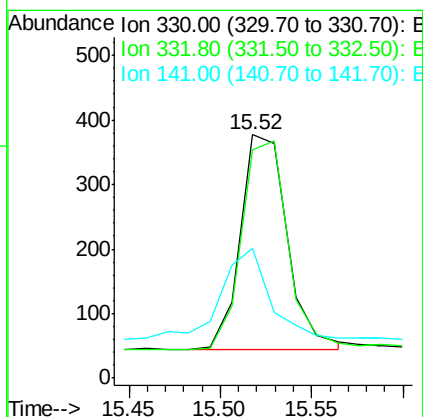
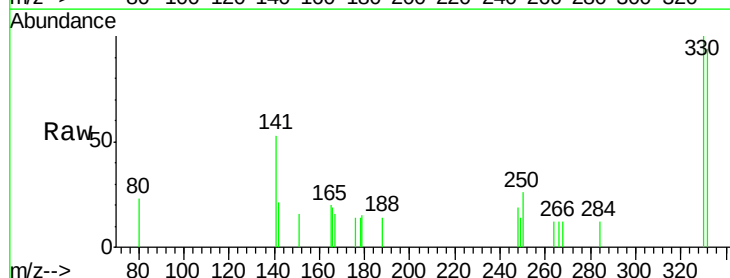
Instrument :
BNA_E
ClientSampleId :
RE104D3-071318

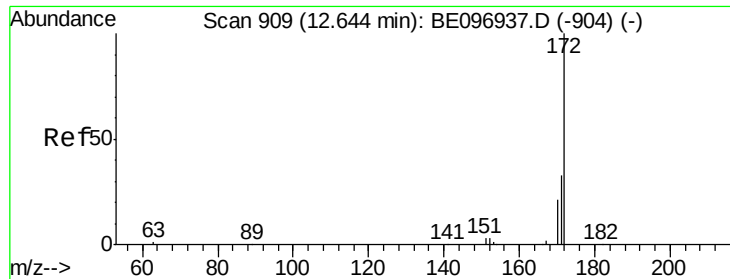
Tgt Ion:164 Resp: 4324
Ion Ratio Lower Upper
164 100
162 103.7 83.1 124.7
160 52.1 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.583 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE097009.D
Acq: 19 Jul 2018 17:40

Tgt Ion:330 Resp: 592
Ion Ratio Lower Upper
330 100
332 96.5 152.7 229.1#
141 44.4 33.7 50.5

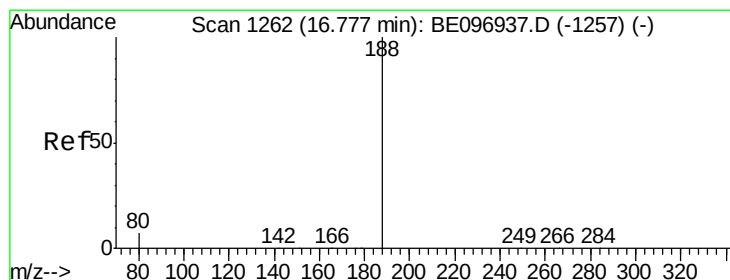
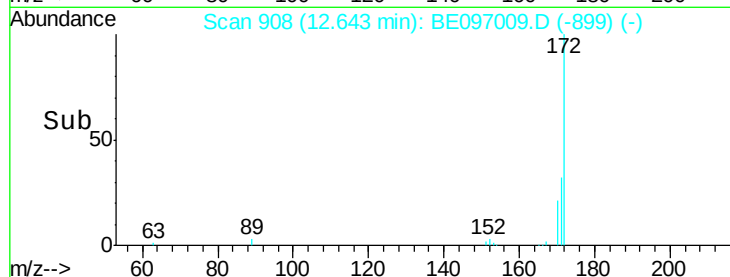
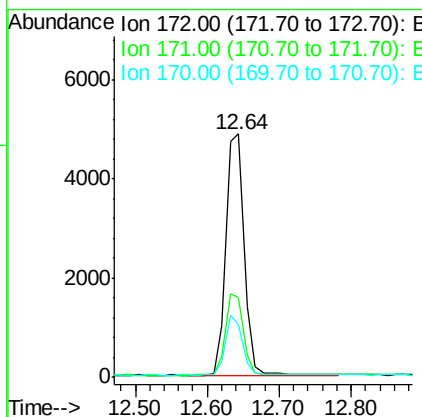
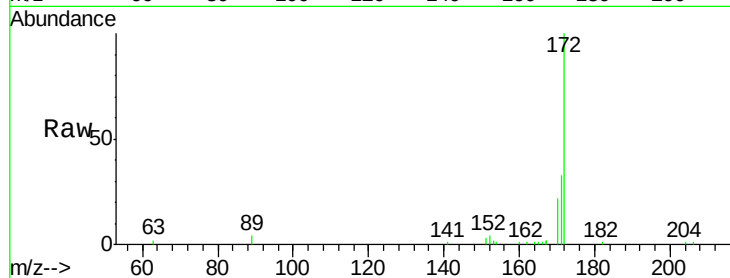




#15
2-Fluorobiphenyl
Concen: 0.531 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097009.D
Acq: 19 Jul 2018 17:40

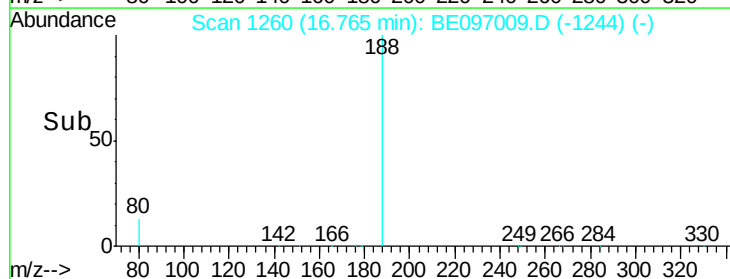
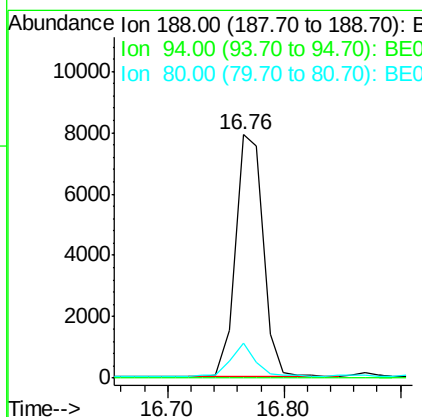
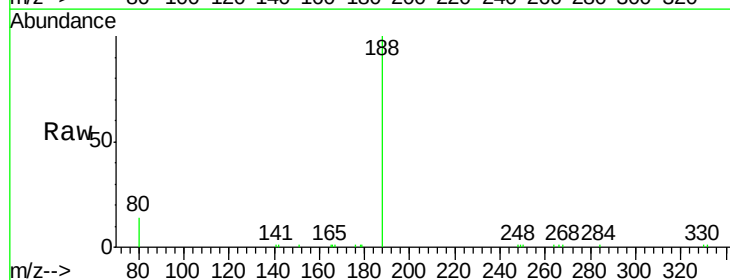
Instrument :
BNA_E
ClientSampleId :
RE104D3-071318

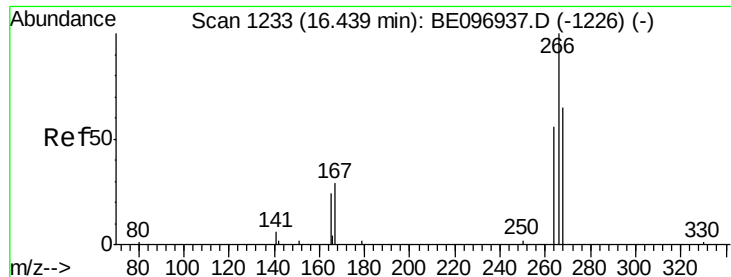
Tgt Ion:172 Resp: 8539
Ion Ratio Lower Upper
172 100
171 33.0 29.9 44.9
170 21.9 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097009.D
Acq: 19 Jul 2018 17:40

Tgt Ion:188 Resp: 13039
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.3 3.6 5.4#



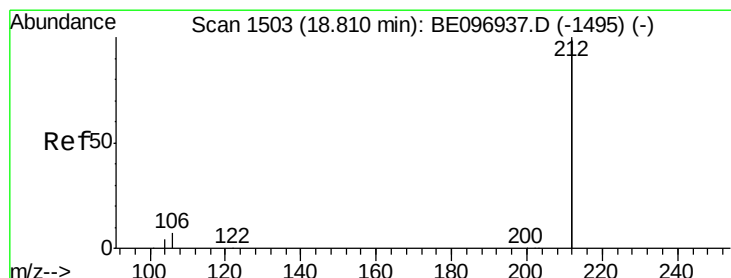
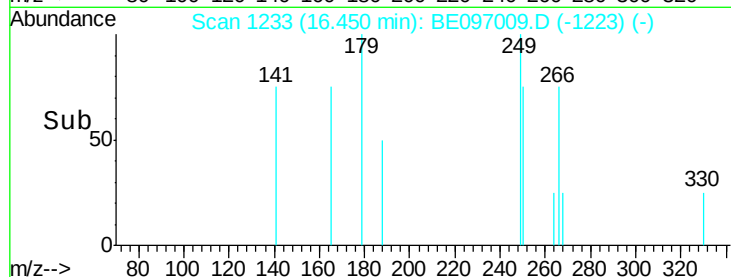
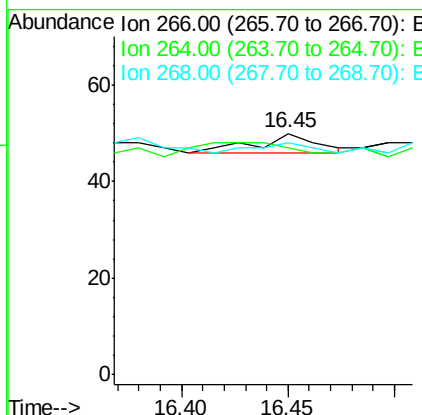
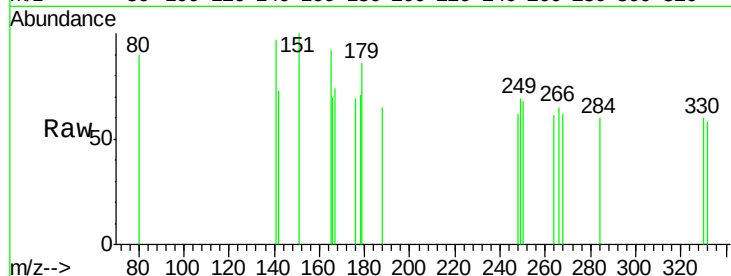


#22
 Pentachlorophenol
 Concen: Below Cal
 RT: 16.45 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BE097009.D
 Acq: 19 Jul 2018 17:40

Instrument :
 BNA_E
 ClientSampleId :
 RE104D3-071318

Tgt Ion: 266 Resp: 8

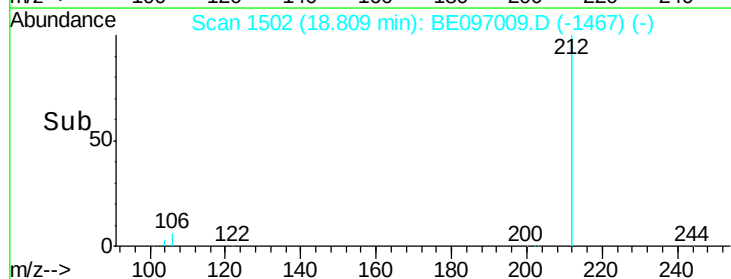
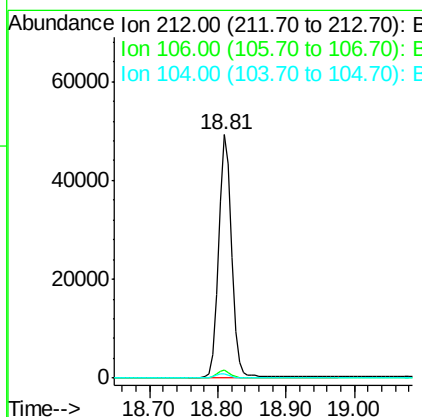
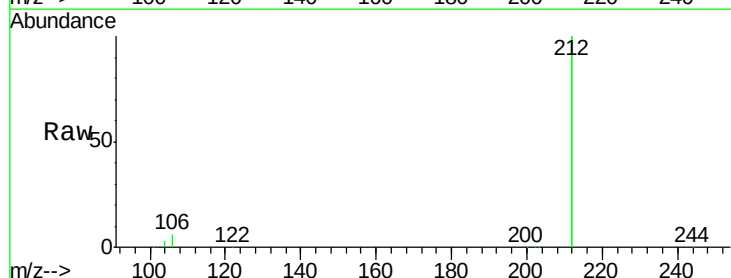
Ion	Ratio	Lower	Upper
266	100		
264	94.0	72.5	108.7
268	96.0	73.8	110.6

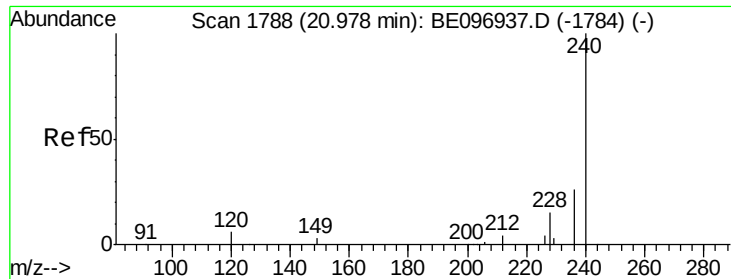


#25
 Fluoranthene-d10
 Concen: 0.581 ng
 RT: 18.81 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE097009.D
 Acq: 19 Jul 2018 17:40

Tgt Ion: 212 Resp: 65867

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318

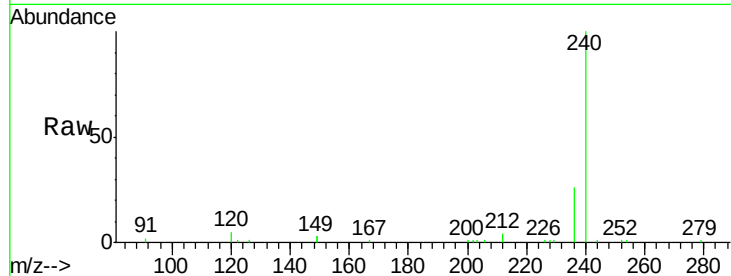
Tgt Ion:240 Resp: 12506

Ion Ratio Lower Upper

240 100

120 5.1 5.5 8.3#

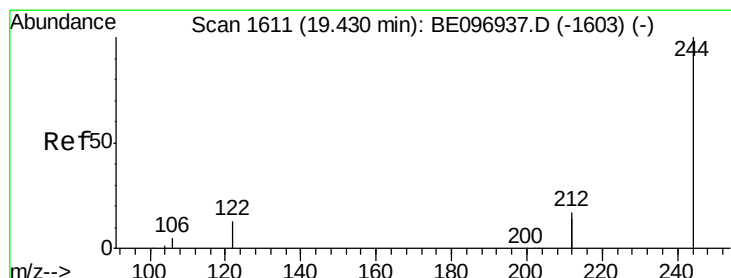
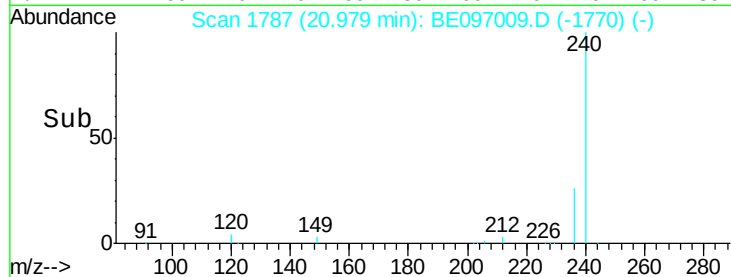
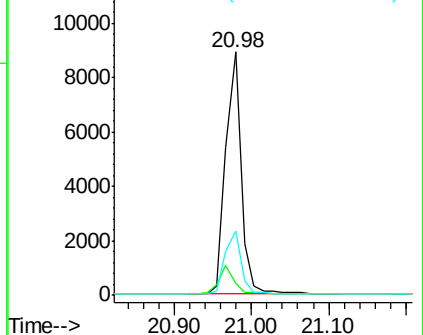
236 26.5 20.7 31.1



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



#29

Terphenyl-d14

Concen: 0.735 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

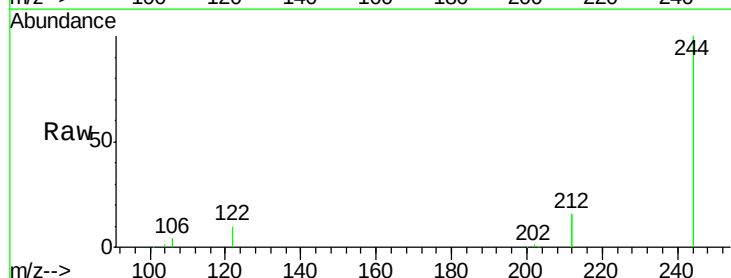
Tgt Ion:244 Resp: 17739

Ion Ratio Lower Upper

244 100

212 31.4 25.4 38.0

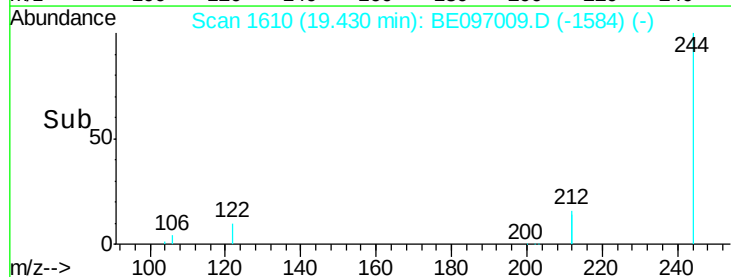
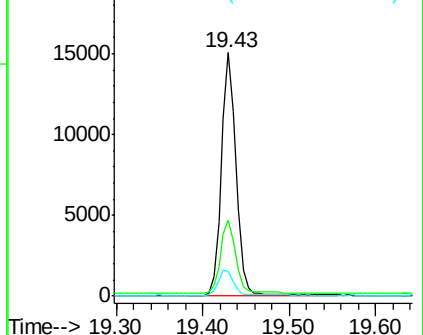
122 10.4 8.1 12.1

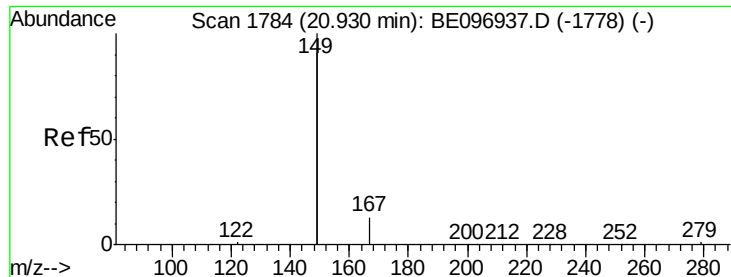


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

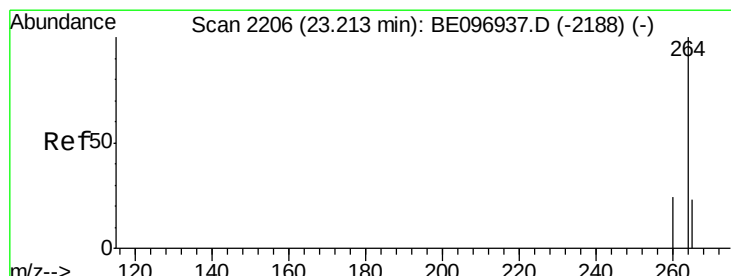
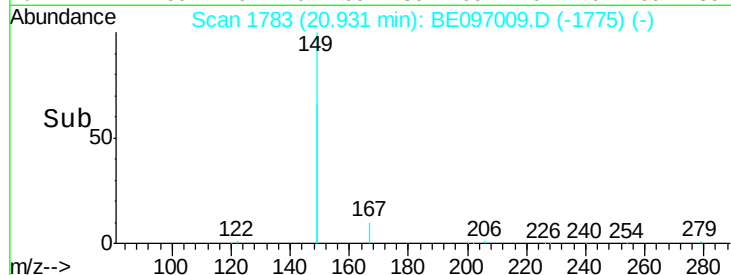
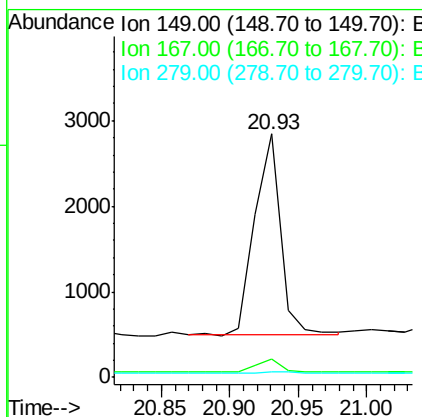
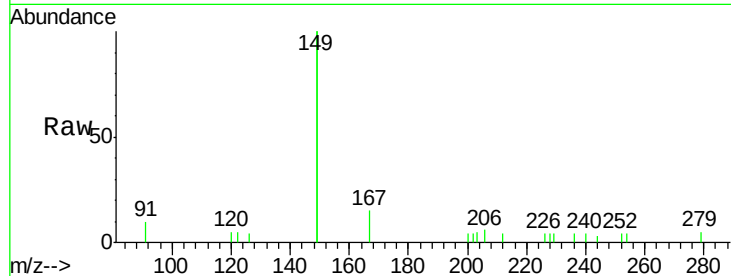




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 20.93 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097009.D
 Acq: 19 Jul 2018 17:40

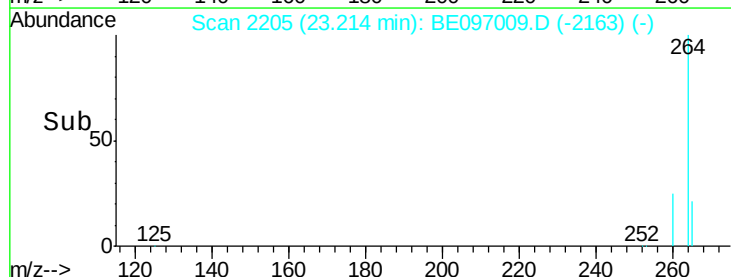
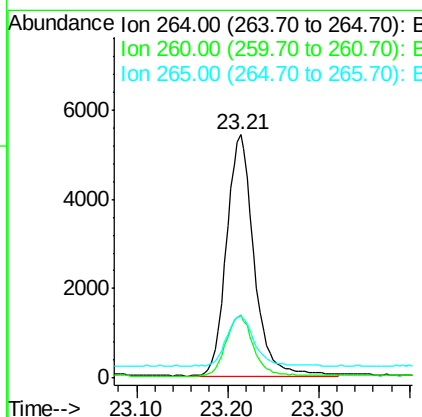
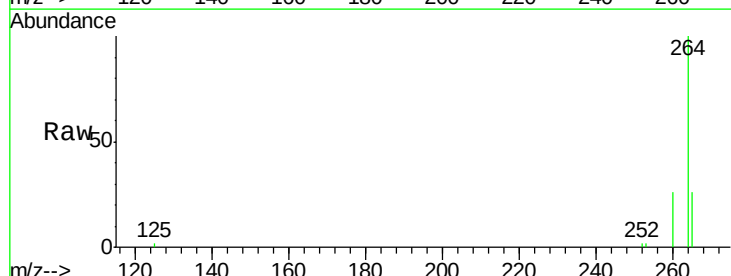
Instrument :
 BNA_E
 ClientSampleId :
 RE104D3-071318

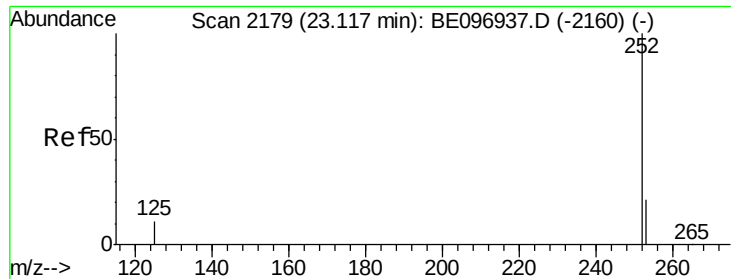
Tgt Ion:149 Resp: 3103
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.1 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE097009.D
 Acq: 19 Jul 2018 17:40

Tgt Ion:264 Resp: 11350
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 25.5 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.101 ng

RT: 23.12 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

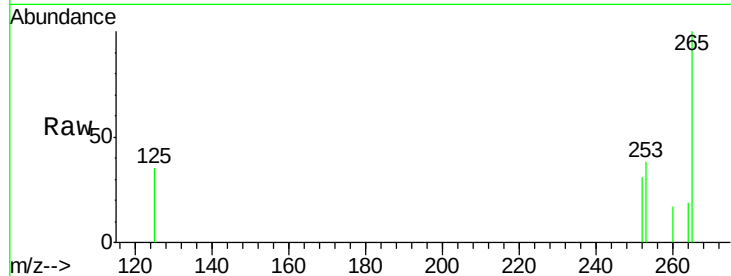
Instrument :

BNA_E

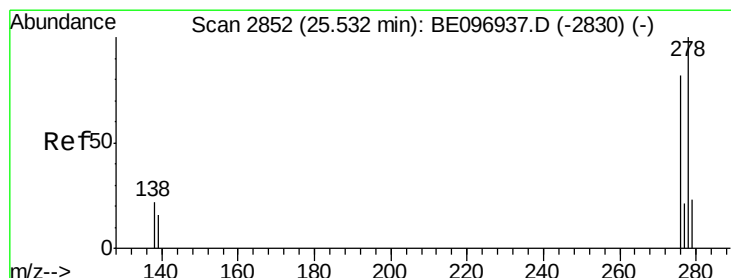
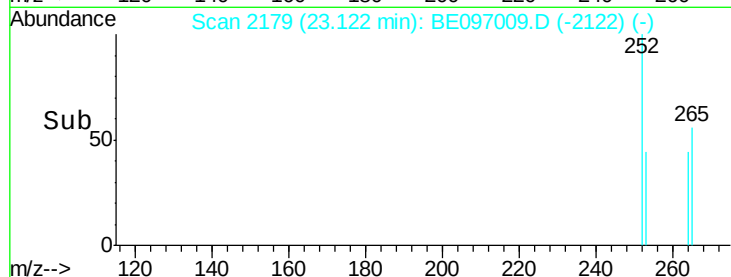
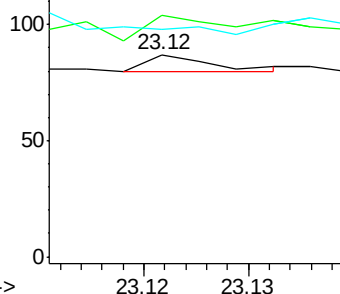
ClientSampleId :

RE104D3-071318

Tgt Ion:	252	Resp:	3
Ion	Ratio	Lower	Upper
252	100		
253	119.5	16.0	24.0#
125	112.6	12.0	18.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.118 ng

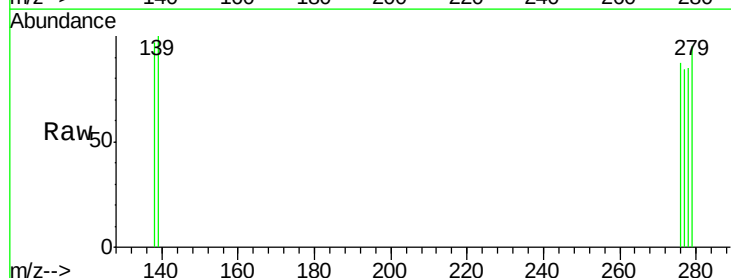
RT: 25.54 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE097009.D

Acq: 19 Jul 2018 17:40

Tgt Ion:	278	Resp:	2
Ion	Ratio	Lower	Upper
278	100		
139	117.0	16.0	24.0#
279	111.3	20.0	30.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

