

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
 Data File : BE097121.D
 Acq On : 31 Jul 2018 14:16
 Operator : SJ/JU
 Sample : J4211-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 31 15:14:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

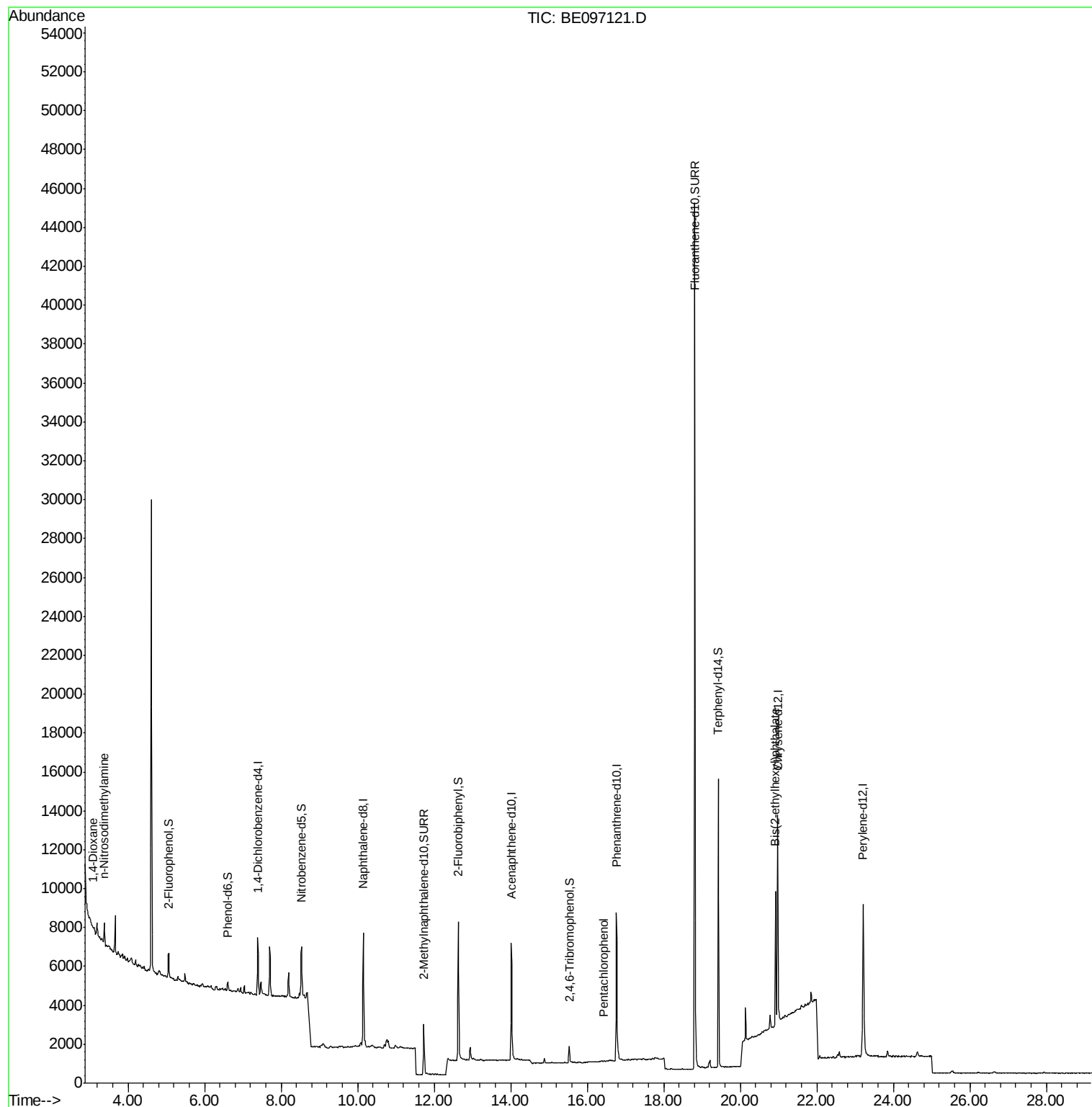
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1334	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6286	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3938	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11773	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12131	0.40	ng	0.00
34) Perylene-d12	23.21	264	11951	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	623	0.17	ng	0.01
5) Phenol-d6	6.61	99	499	0.09	ng	0.01
8) Nitrobenzene-d5	8.53	82	2546	0.47	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	3824	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	577	0.45	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	6484	0.48	ng	0.00
25) Fluoranthene-d10	18.81	212	57520	0.49	ng	0.00
29) Terphenyl-d14	19.43	244	12896	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	53	0.025	ng	# 16
3) n-Nitrosodimethylamine	3.37	42	79	0.033	ng	# 11
22) Pentachlorophenol	16.44	266	12	0.043	ng	96
32) Bis(2-ethylhexyl)phthalate	20.92	149	8829	0.280	ng	# 99

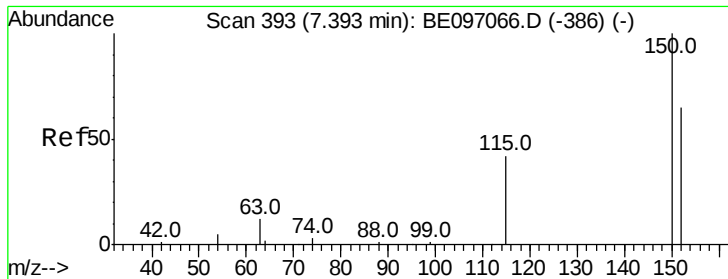
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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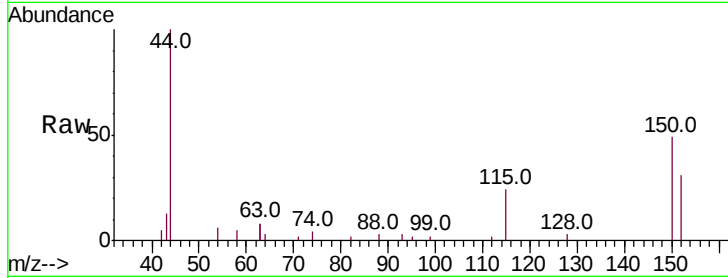


#1

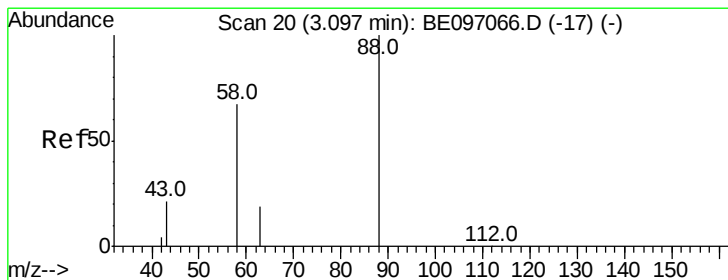
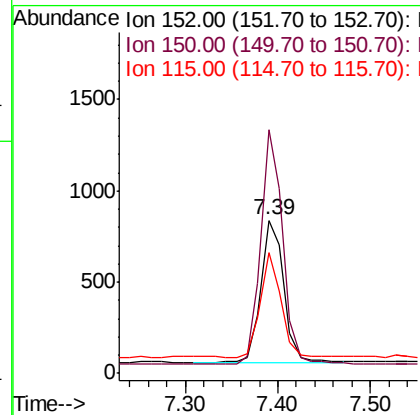
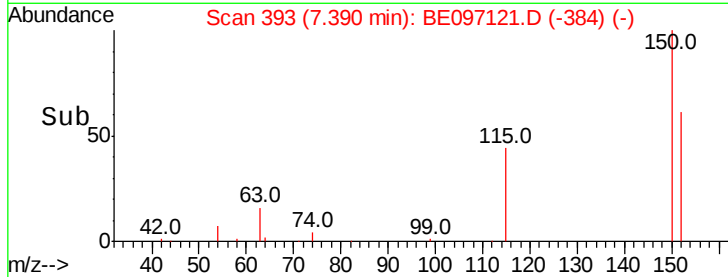
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1334
Ion Ratio Lower Upper
152 100
150 159.2 117.2 175.8
115 79.1 57.0 85.6



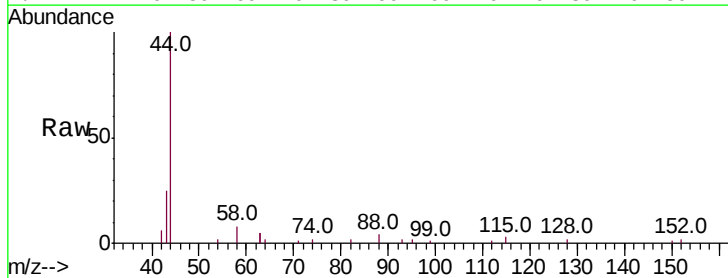
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



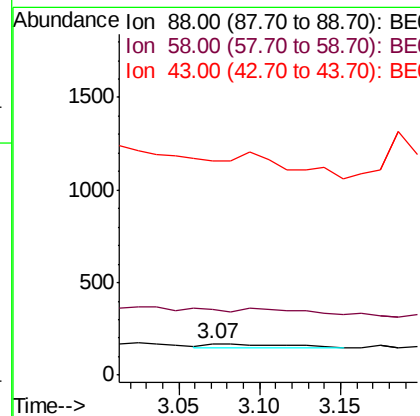
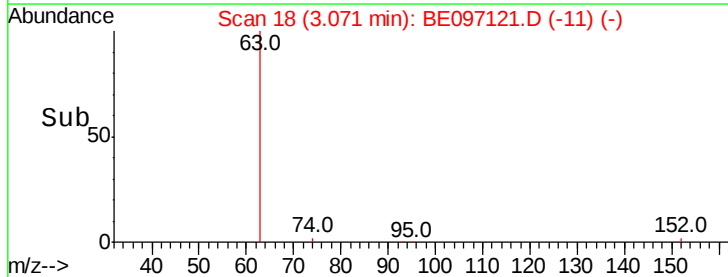
#2

1,4-Dioxane
Concen: 0.025 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
58 0.0 63.2 94.8#
43 0.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampled :

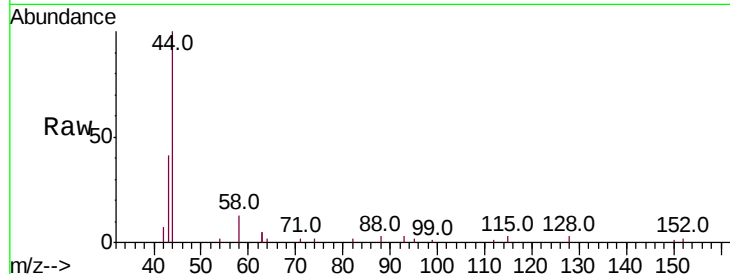
Tot Ion: 42 Resp: 79

Ion Ratio Lower Upper

42 100

74 13.9 96.0 144.0#

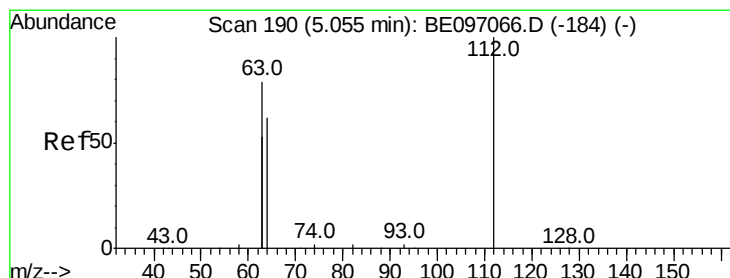
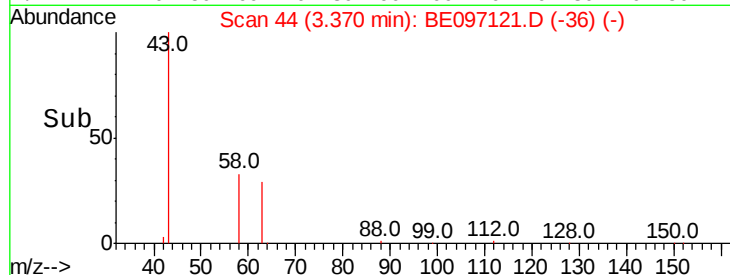
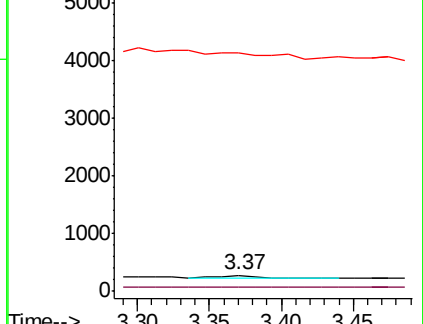
44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.166 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

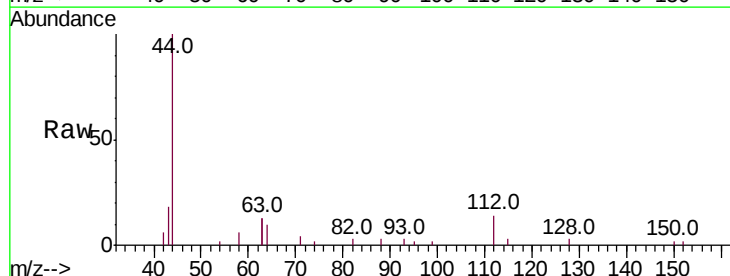
Tgt Ion: 112 Resp: 623

Ion Ratio Lower Upper

112 100

64 76.7 60.1 90.1

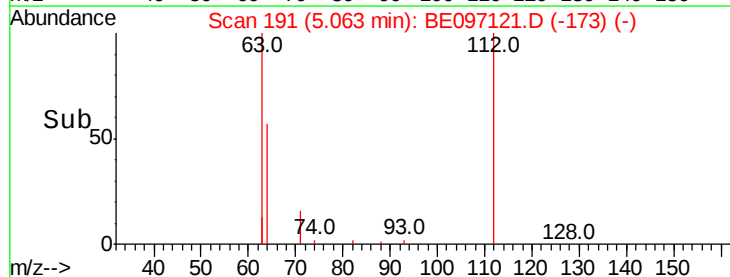
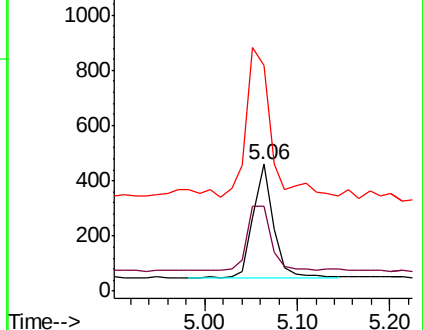
63 158.9 116.8 175.2

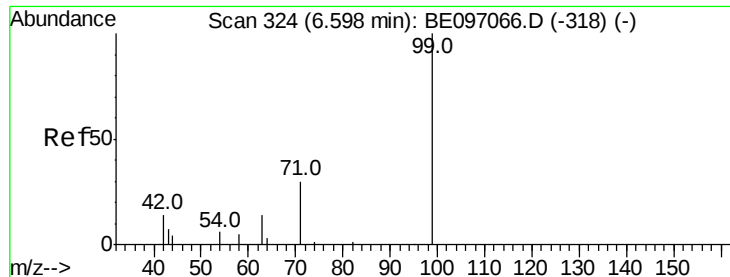


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.091 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

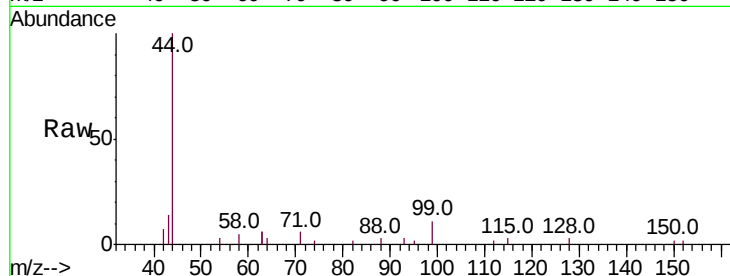
Tot Ion: 99 Resp: 499

Ion Ratio Lower Upper

99 100

42 32.7 20.2 30.2#

71 43.1 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

6.61

300

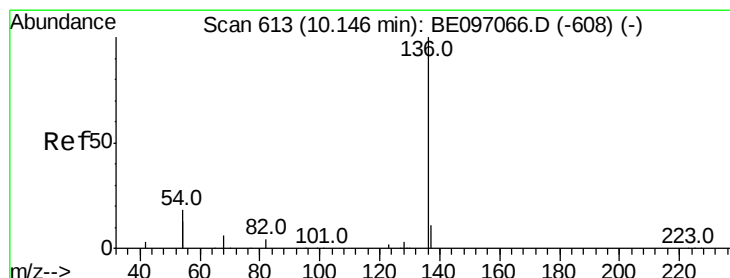
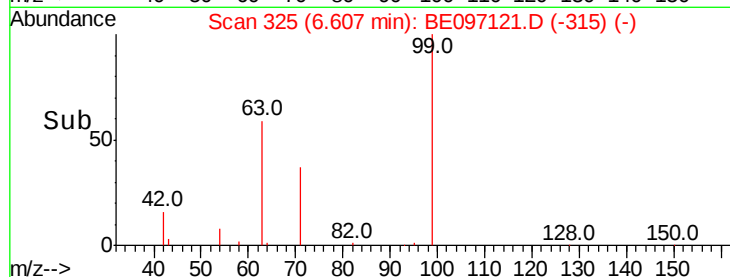
200

100

0

6.55 6.60 6.65

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Tgt Ion:136 Resp: 6286

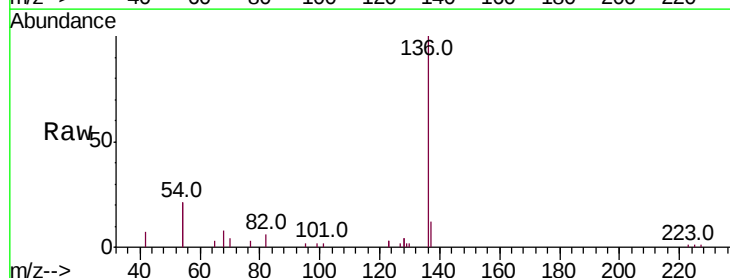
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 42.6 29.1 43.7

68 8.5 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

10.14

5000

4000

3000

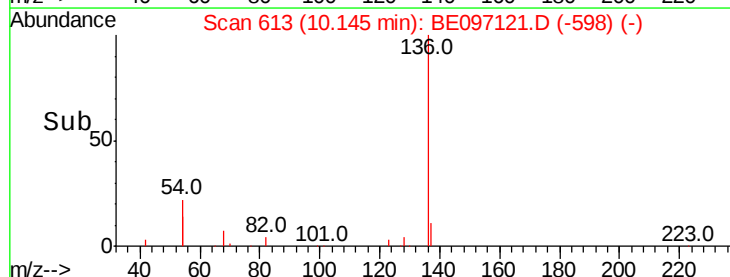
2000

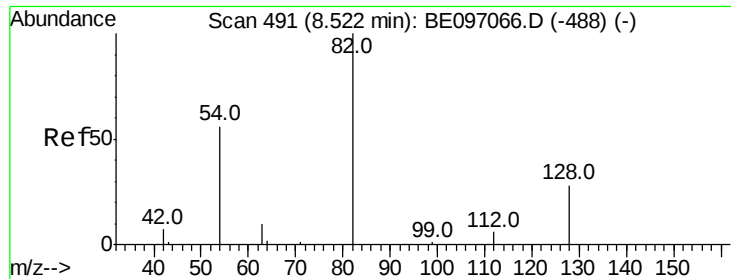
1000

0

10.00 10.10 10.20 10.30

Time-->

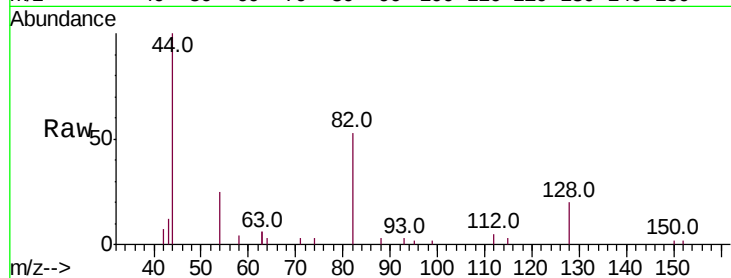




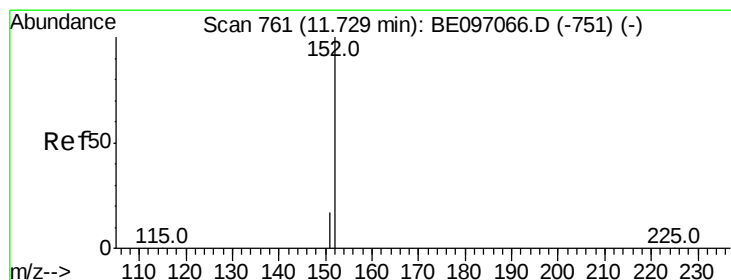
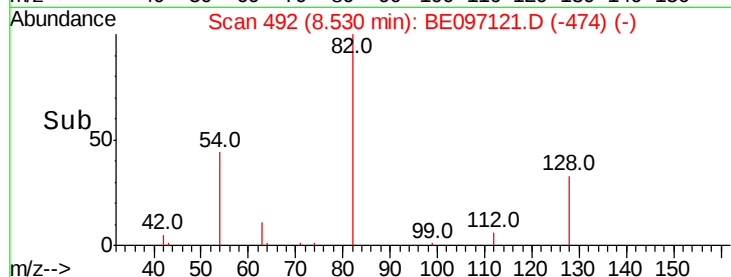
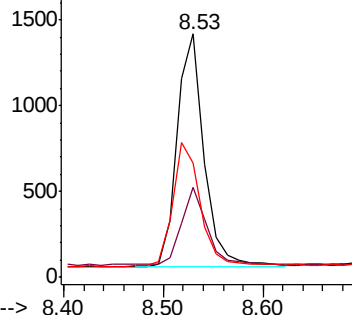
#8
 Nitrobenzene-d5
 Concen: 0.466 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097121.D
 Acq: 31 Jul 2018 14:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	24.0	36.0#
54	46.9	40.0	60.0

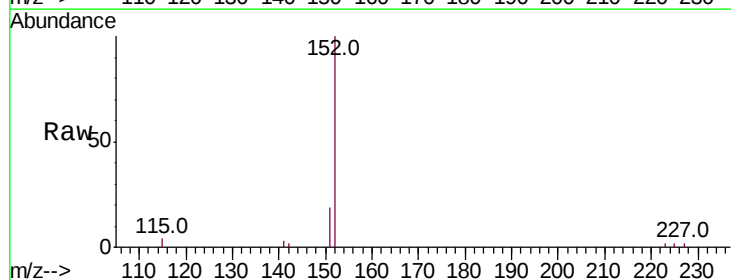


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

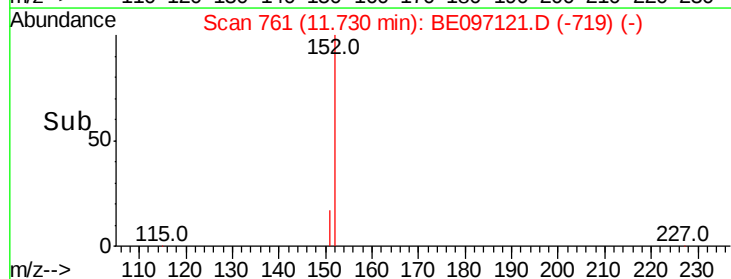
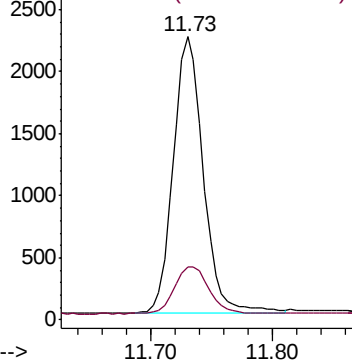


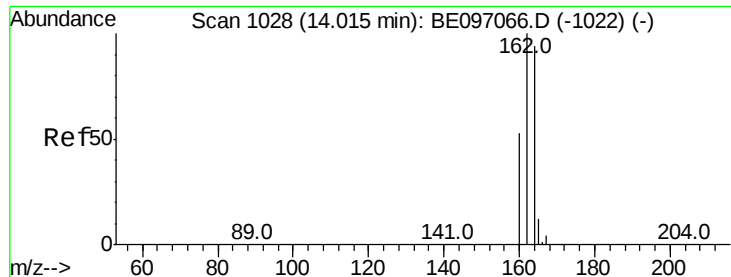
#11
 2-Methylnaphthalene-d10
 Concen: 0.406 ng
 RT: 11.73 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BE097121.D
 Acq: 31 Jul 2018 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

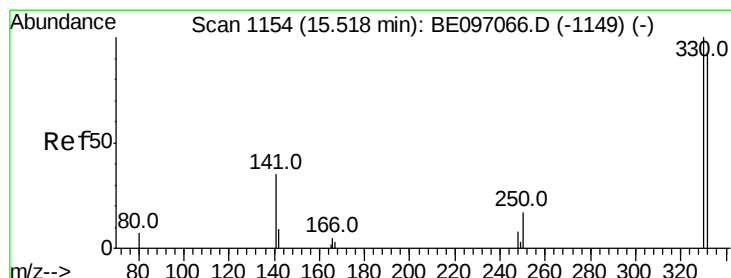
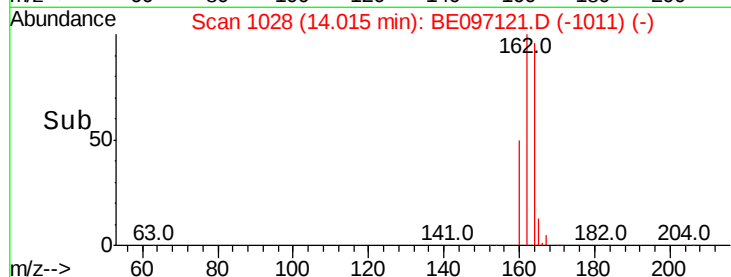
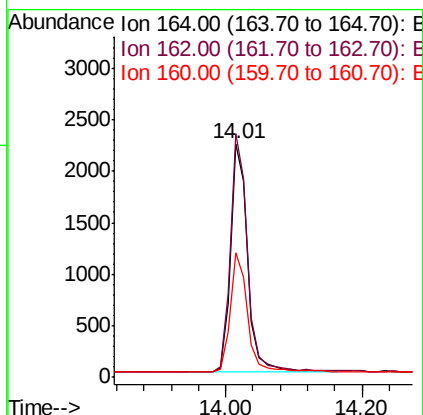
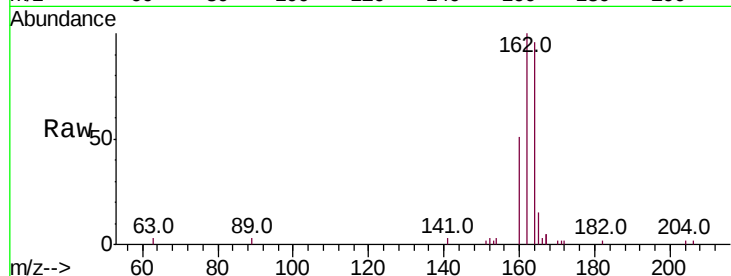




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

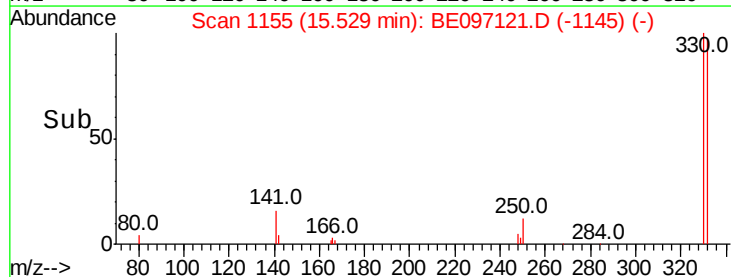
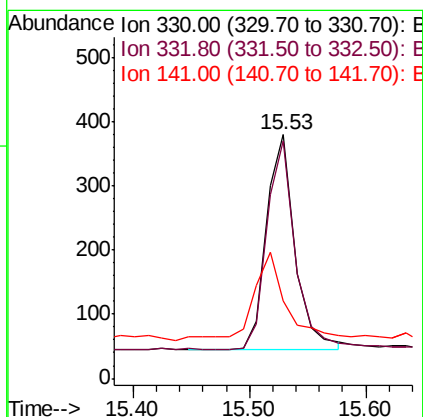
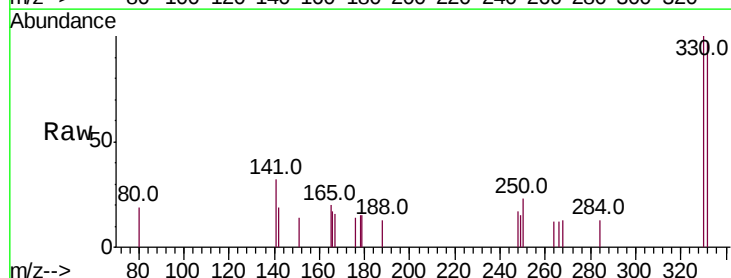
Instrument :
BNA_E
ClientSampleId :

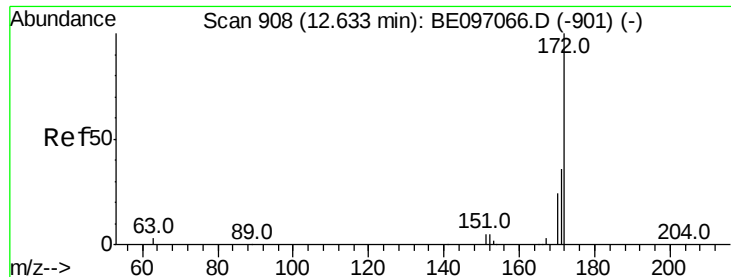
Tot Ion:164 Resp: 3938
Ion Ratio Lower Upper
164 100
162 104.2 83.1 124.7
160 53.4 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

Tgt Ion:330 Resp: 577
Ion Ratio Lower Upper
330 100
332 96.5 152.7 229.1#
141 39.0 33.7 50.5

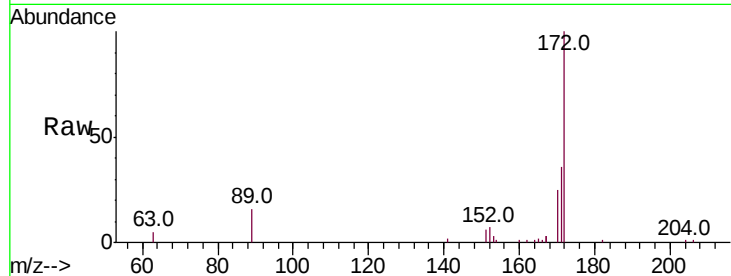




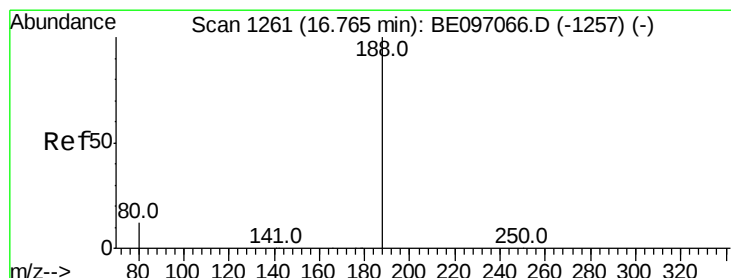
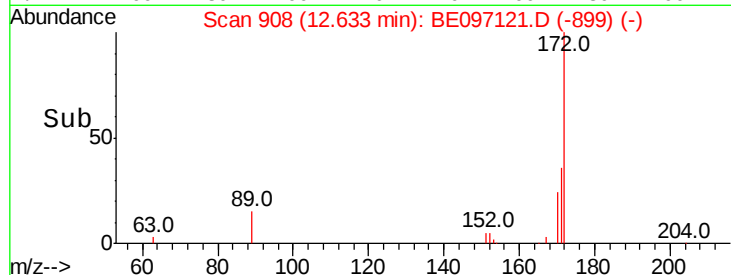
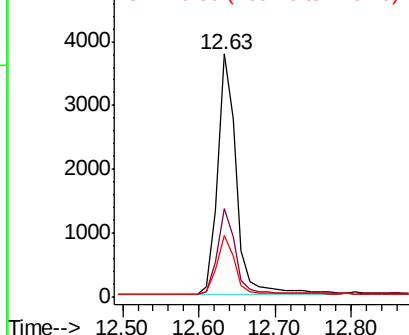
#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6484
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 25.4 21.8 32.8

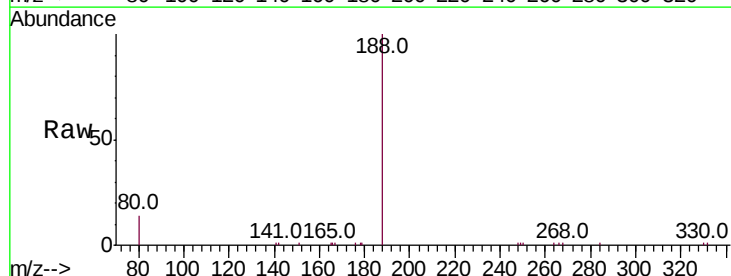


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

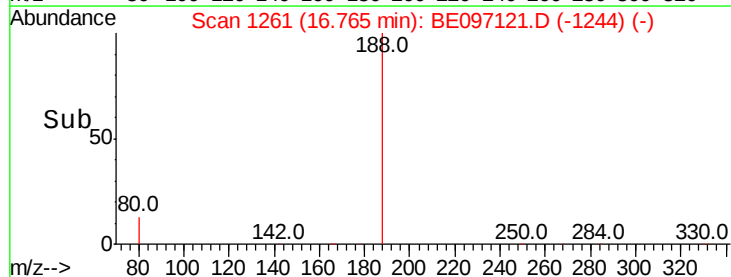
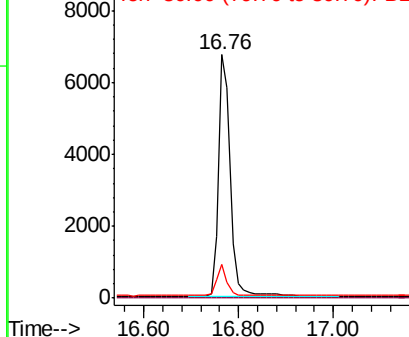


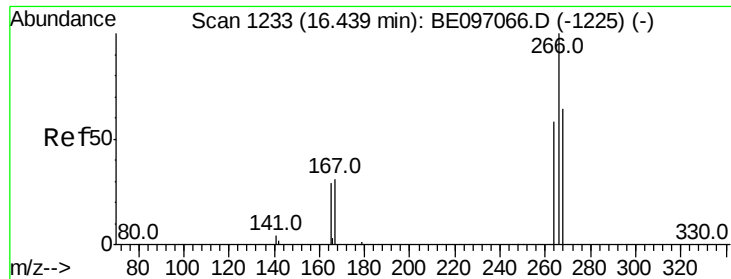
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097121.D
Acq: 31 Jul 2018 14:16

Tgt Ion:188 Resp: 11773
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.0 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

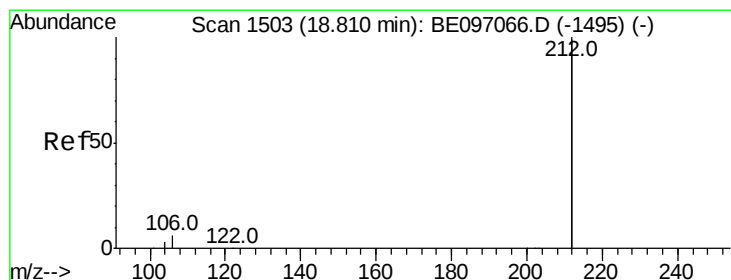
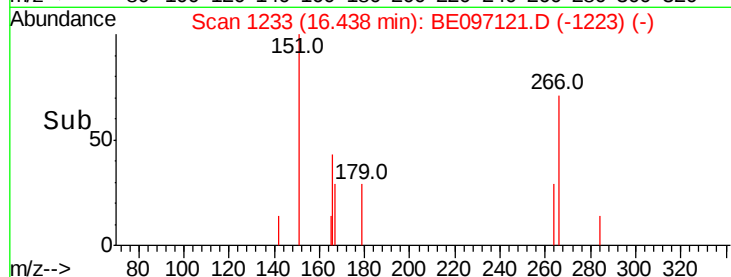
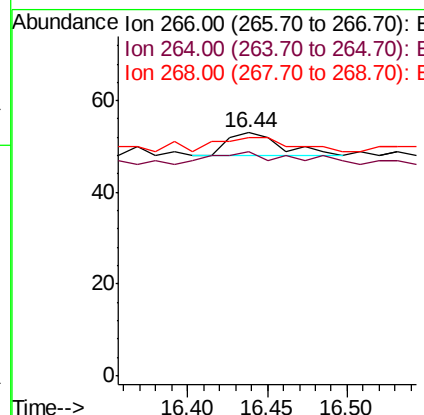
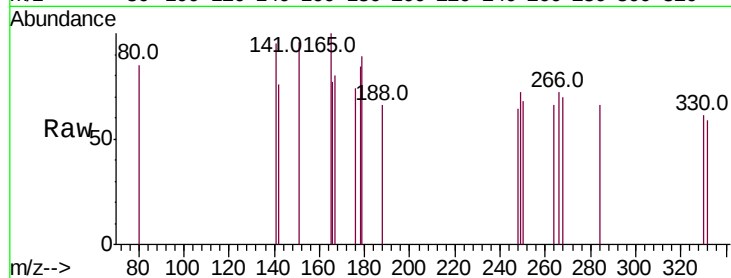




#22
 Pentachlorophenol
 Concen: 0.043 ng
 RT: 16.44 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BE097121.D
 Acq: 31 Jul 2018 14:16

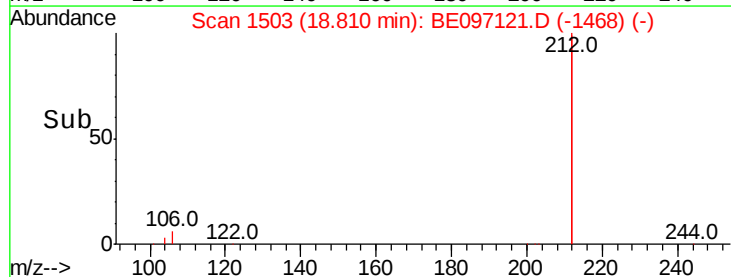
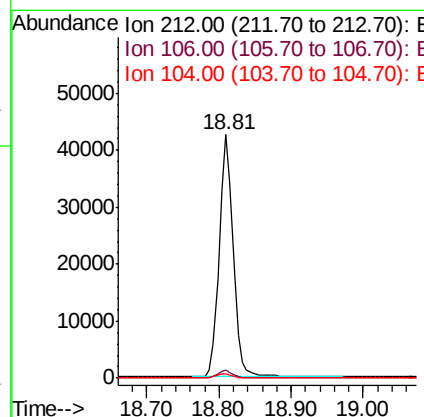
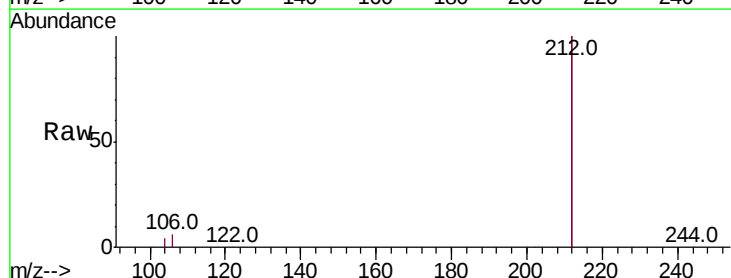
Instrument :
 BNA_E
 ClientSampleId :

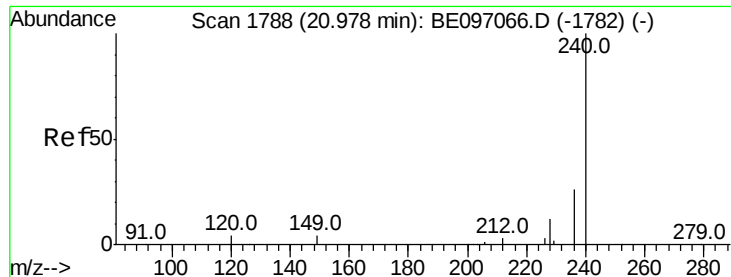
Tot Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 92.5 72.5 108.7
 268 98.1 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.488 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BE097121.D
 Acq: 31 Jul 2018 14:16

Tgt Ion:212 Resp: 57520
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.7 1.6 2.4

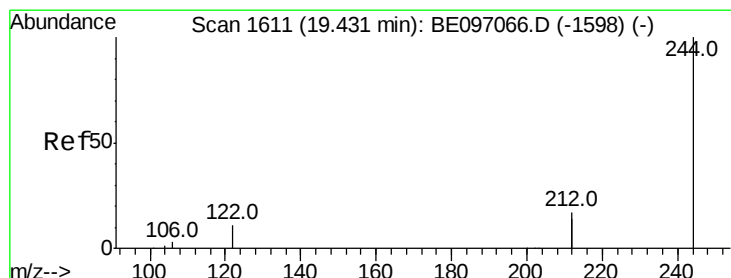
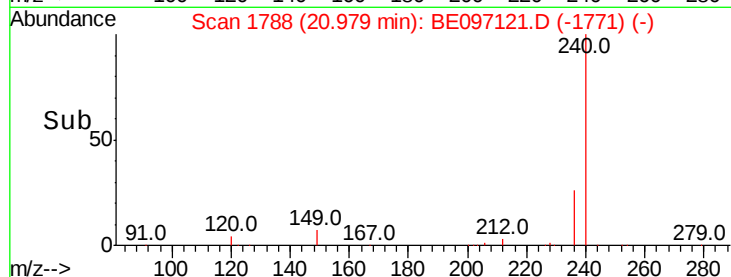
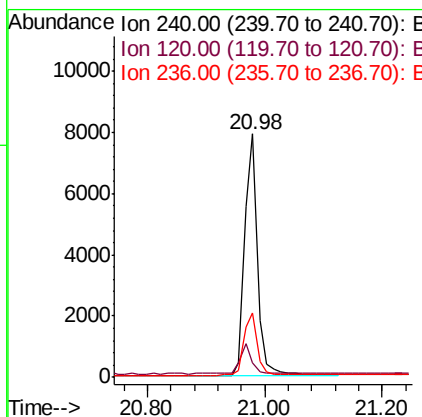
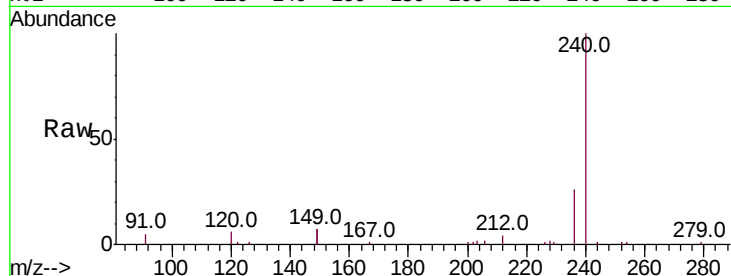




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097121.D
 Acq: 31 Jul 2018 14:16

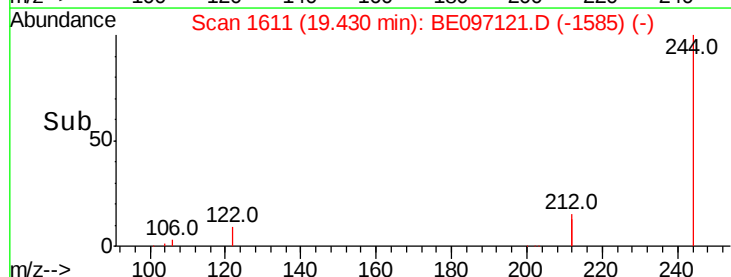
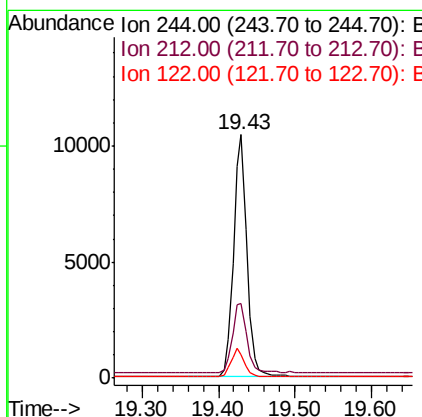
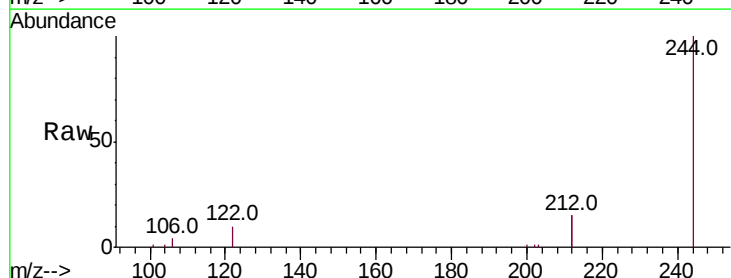
Instrument :
 BNA_E
 ClientSampleId :

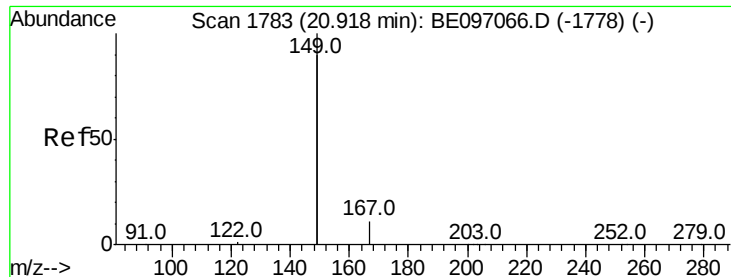
Tot Ion:240 Resp: 12131
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.5 8.3
 236 26.5 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.553 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097121.D
 Acq: 31 Jul 2018 14:16

Tgt Ion:244 Resp: 12896
 Ion Ratio Lower Upper
 244 100
 212 30.6 25.4 38.0
 122 9.8 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.280 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

Instrument :

BNA_E

ClientSampleId :

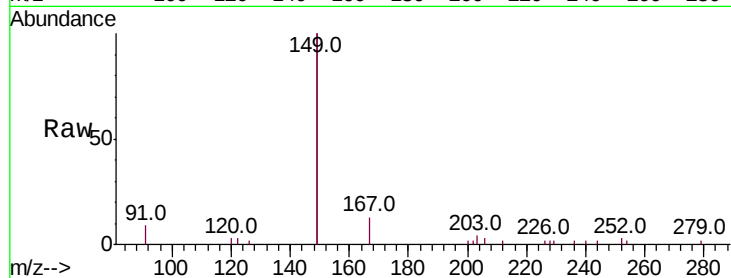
Tot Ion:149 Resp: 8829

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

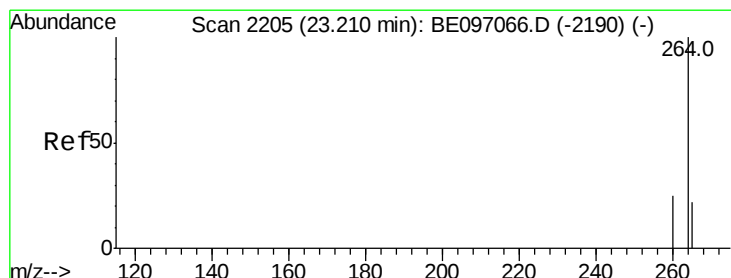
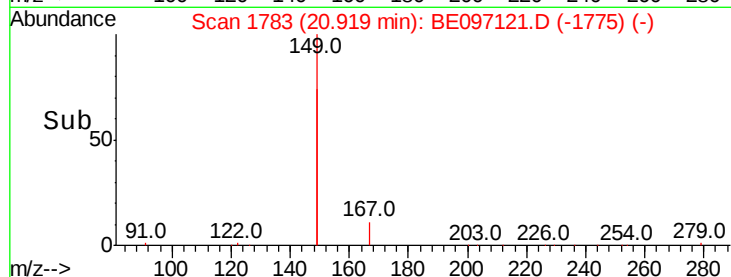
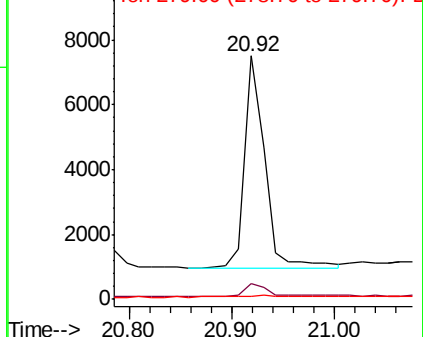
279 1.4 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE097121.D

Acq: 31 Jul 2018 14:16

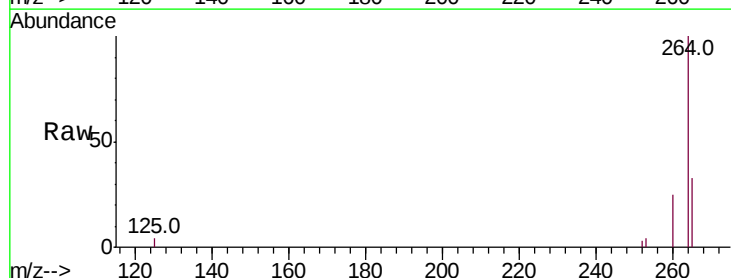
Tgt Ion:264 Resp: 11951

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

265 33.0 22.8 34.2



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

