

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097051.D
 Acq On : 24 Jul 2018 00:45
 Operator : SJ/JU
 Sample : J4073-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-071718

Quant Time: Jul 24 05:28:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1346	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6230	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3664	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11203	0.40	ng	0.00
27) Chrysene-d12	20.98	240	11425	0.40	ng	0.00
34) Perylene-d12	23.21	264	10971	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	754	0.23	ng	0.00
5) Phenol-d6	6.59	99	641	0.13	ng	0.00
8) Nitrobenzene-d5	8.53	82	2518	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4158	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	609	0.69	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7115	0.52	ng	0.00
25) Fluoranthene-d10	18.81	212	61745	0.63	ng	0.00
29) Terphenyl-d14	19.43	244	13269	0.60	ng	0.00

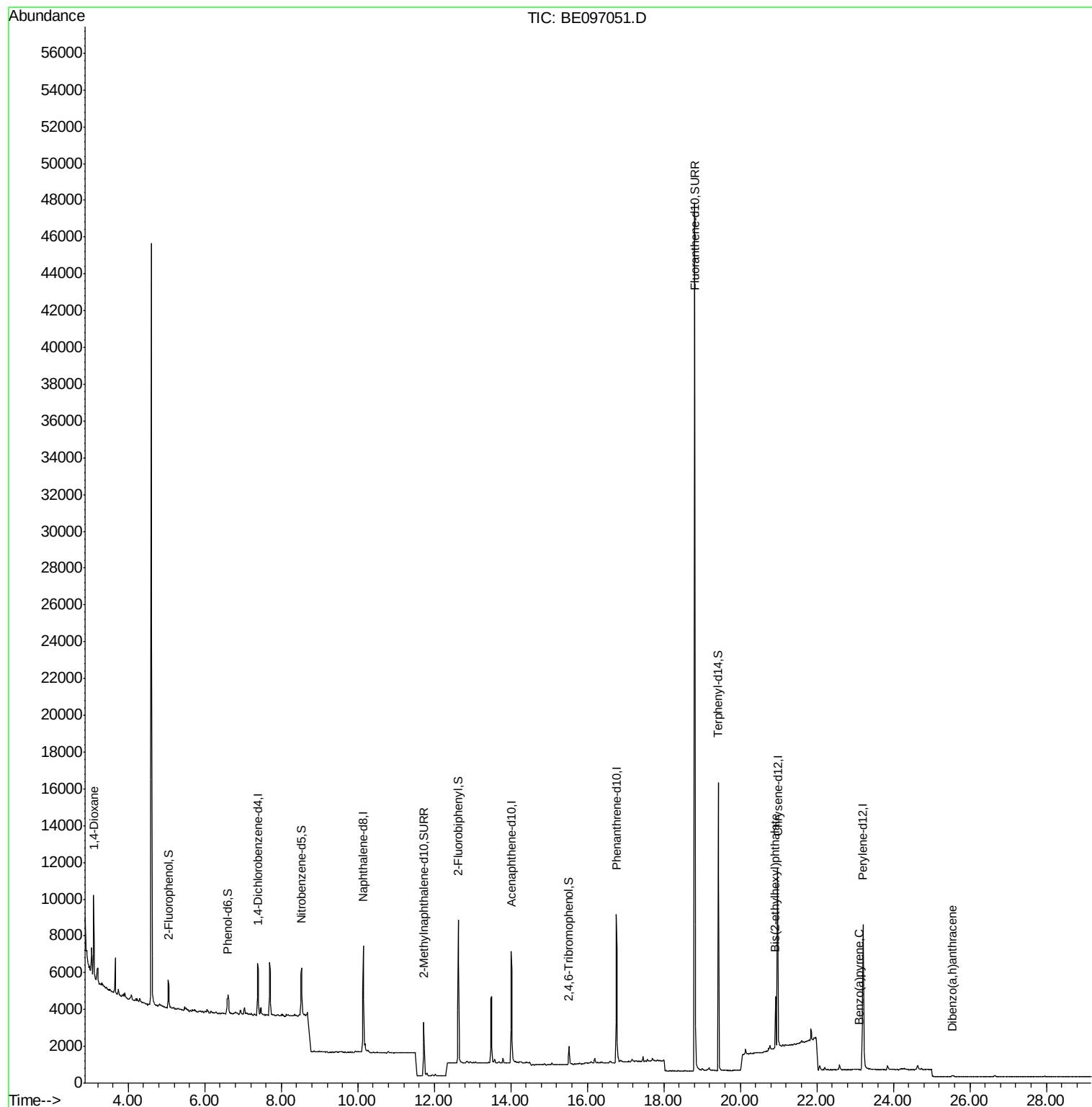
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	2263	1.175	ng	94
22) Pentachlorophenol	16.41	266	3	Below Cal		93
32) Bis(2-ethylhexyl)phthalate	20.92	149	3799	0.140	ng	# 98
37) Benzo(a)pyrene	23.10	252	7	0.102	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	24	0.119	ng	# 1

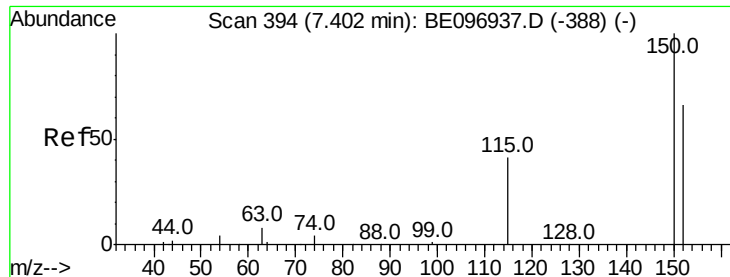
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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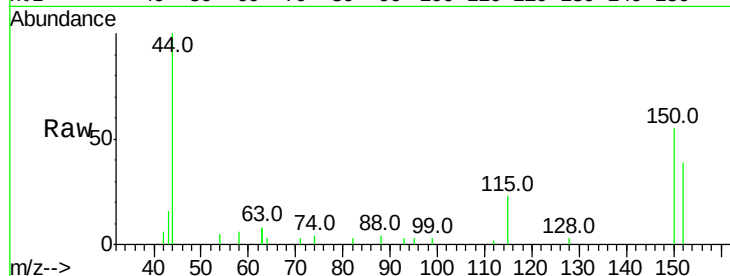


#1

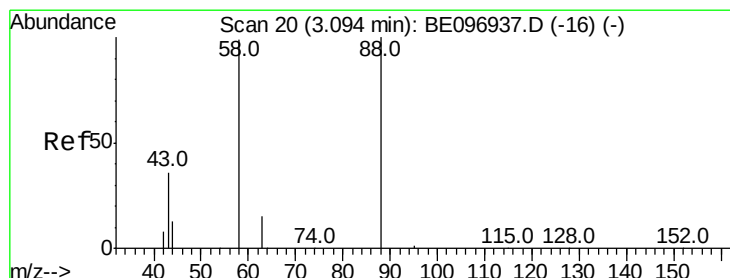
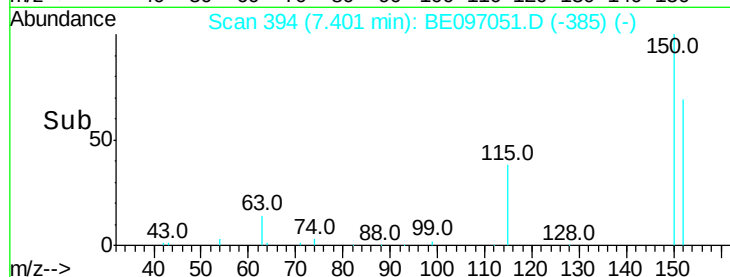
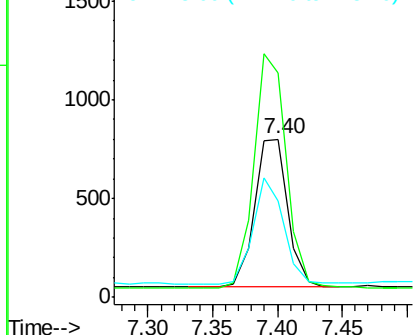
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE097051.D
Acq: 24 Jul 2018 00:45

Instrument :
BNA_E
ClientSampleId :
RE126D3-071718

Tot Ion:152 Resp: 1346
Ion Ratio Lower Upper
152 100
150 141.5 117.2 175.8
115 60.5 57.0 85.6



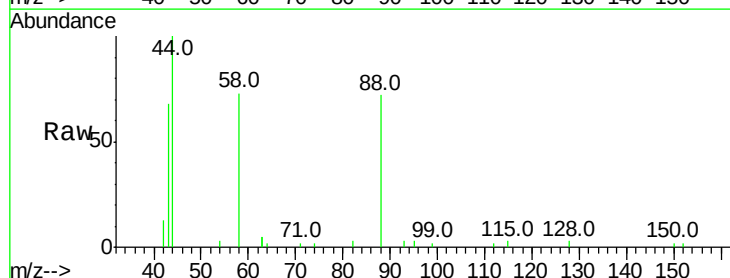
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



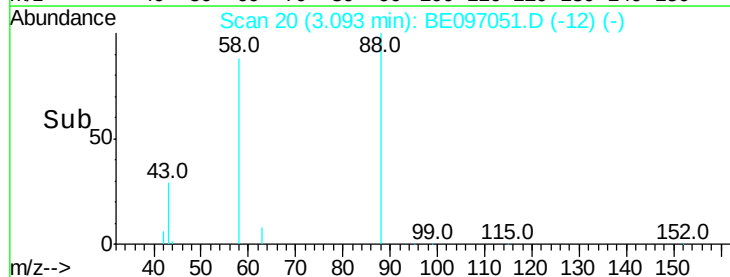
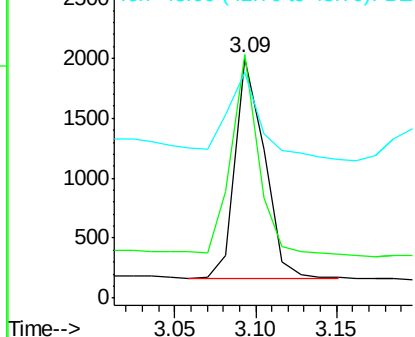
#2

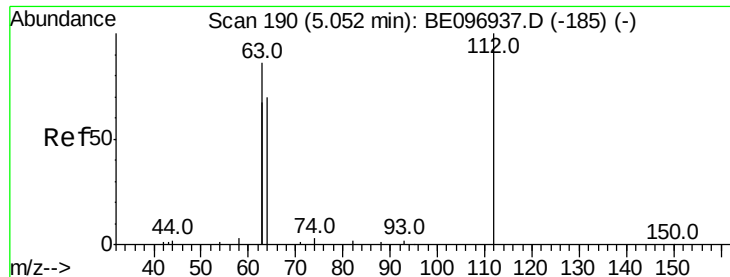
1,4-Dioxane
Concen: 1.175 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097051.D
Acq: 24 Jul 2018 00:45

Tgt Ion: 88 Resp: 2263
Ion Ratio Lower Upper
88 100
58 84.7 63.2 94.8
43 48.0 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





#4

2-Fluorophenol

Concen: 0.234 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

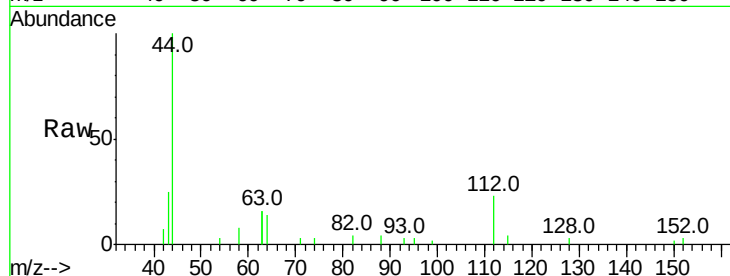
Tot Ion:112 Resp: 754

Ion Ratio Lower Upper

112 100

64 71.0 60.1 90.1

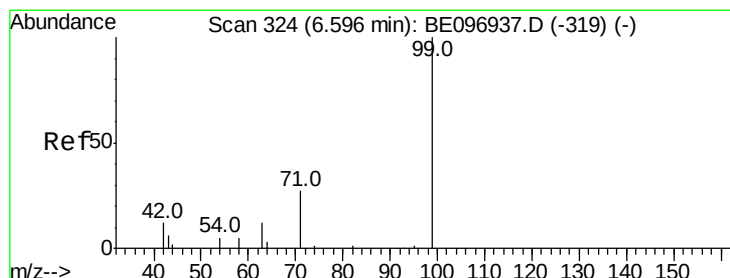
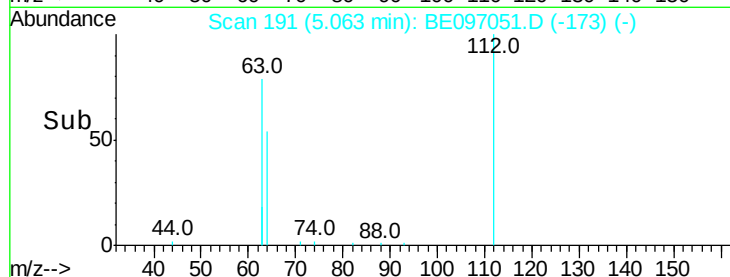
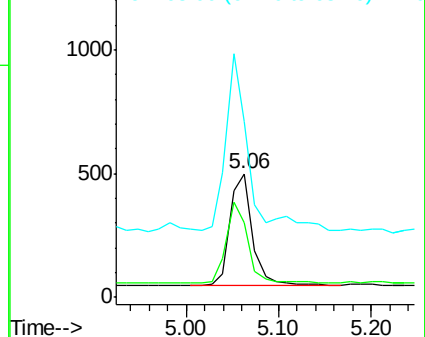
63 145.4 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.130 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

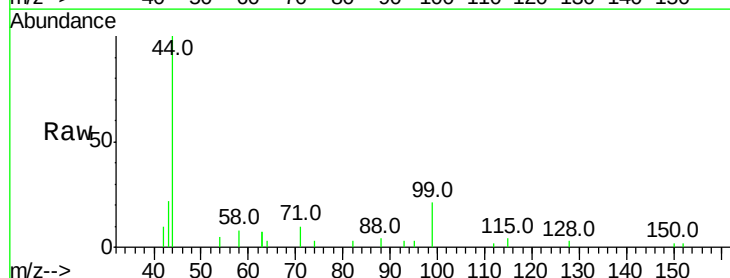
Tgt Ion: 99 Resp: 641

Ion Ratio Lower Upper

99 100

42 30.1 20.2 30.2

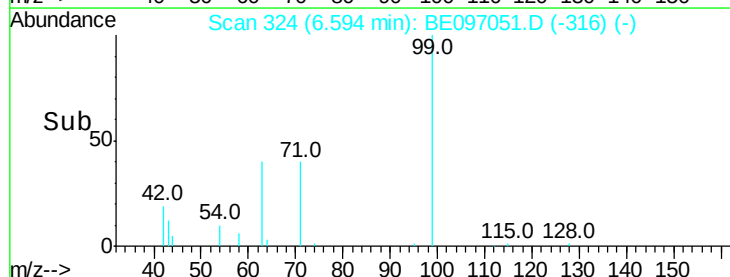
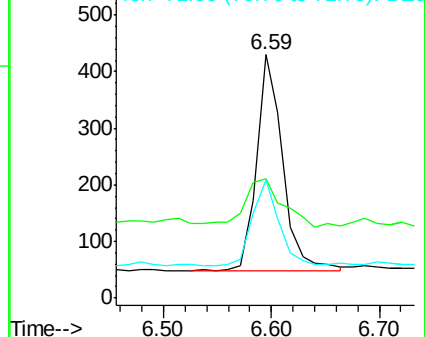
71 40.2 28.4 42.6

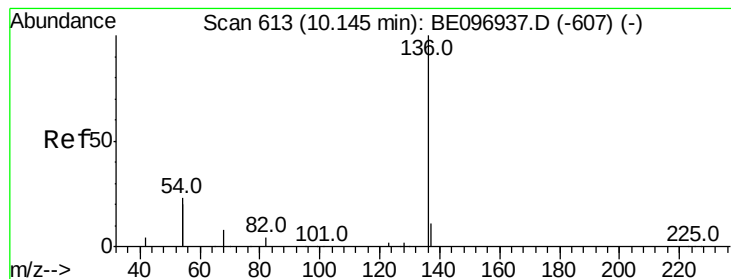


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097051.D

Acq: 24 Jul 2018 00:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

Tot Ion:136 Resp: 6230

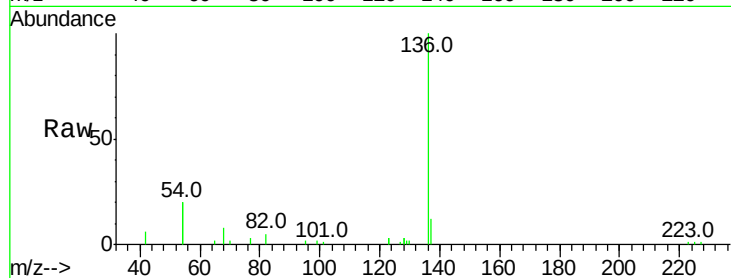
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 39.9 29.1 43.7

68 8.1 6.2 9.2

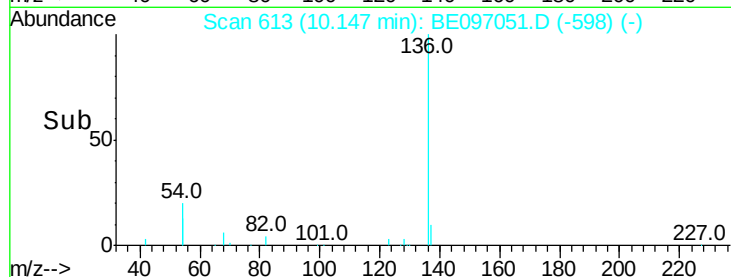


Abundance Ion 136.00 (135.70 to 136.70): E

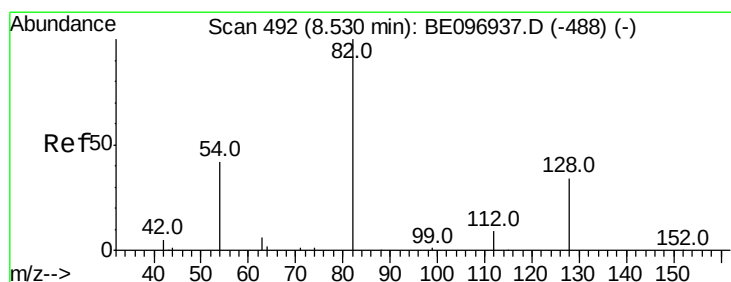
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.00 10.20



#8

Nitrobenzene-d5

Concen: 0.554 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

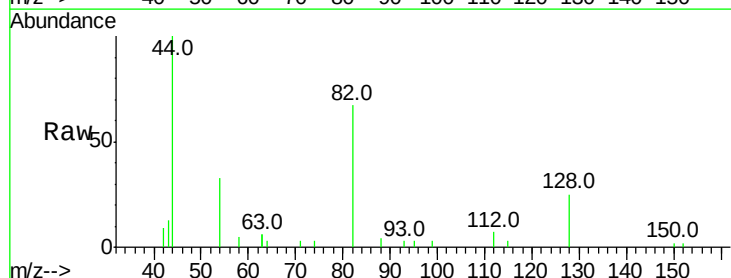
Tgt Ion: 82 Resp: 2518

Ion Ratio Lower Upper

82 100

128 36.7 24.0 36.0#

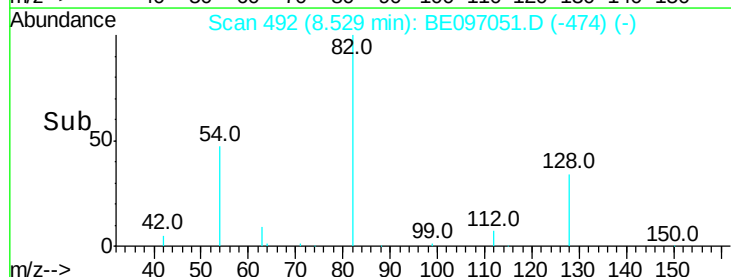
54 49.8 40.0 60.0



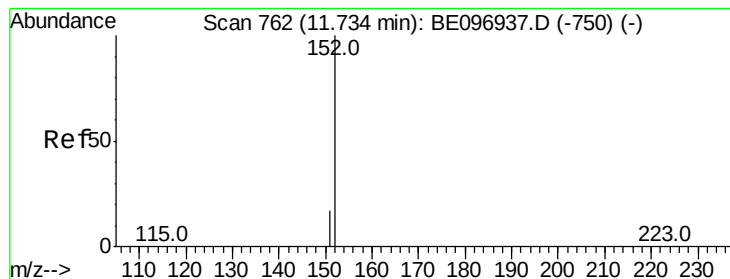
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.40 8.50 8.60 8.70



#11

2-Methylnaphthalene-d10

Concen: 0.458 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

Instrument :

BNA_E

ClientSampleId :

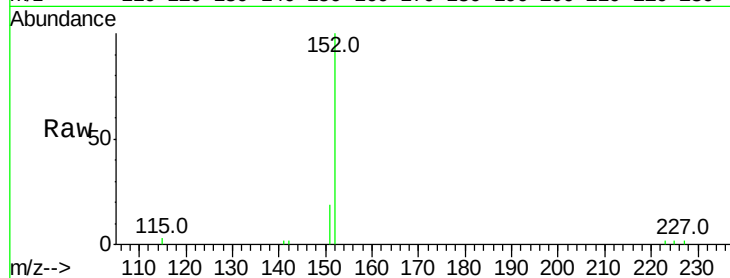
RE126D3-071718

Tot Ion:152 Resp: 4158

Ion Ratio Lower Upper

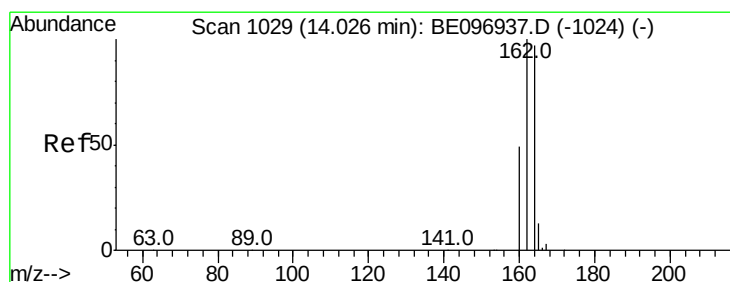
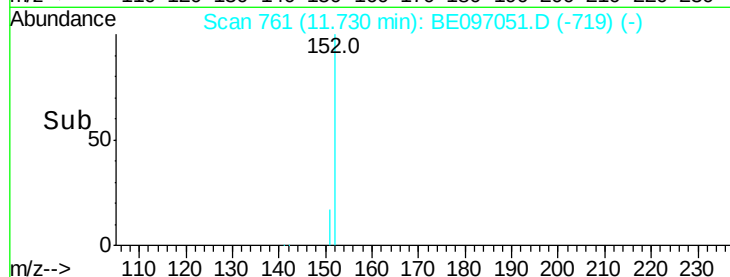
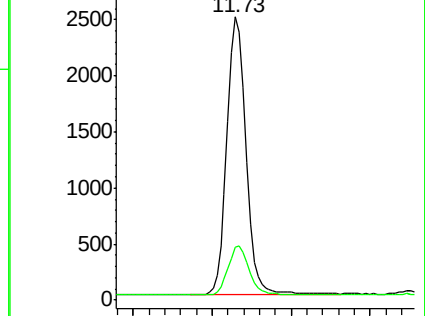
152 100

151 19.3 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: BE097051.D

Acq: 24 Jul 2018 00:45

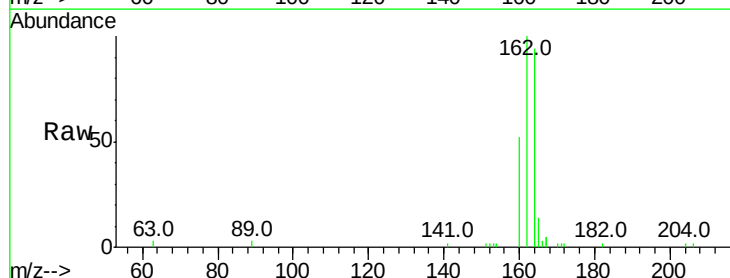
Tgt Ion:164 Resp: 3664

Ion Ratio Lower Upper

164 100

162 106.4 83.1 124.7

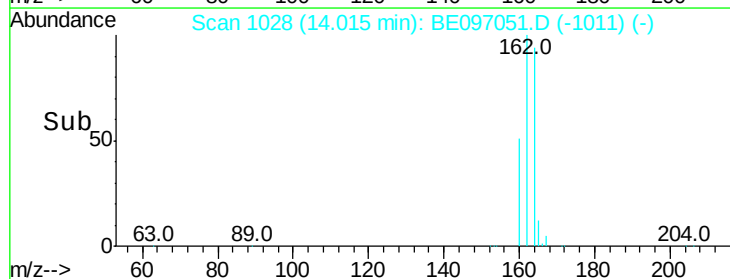
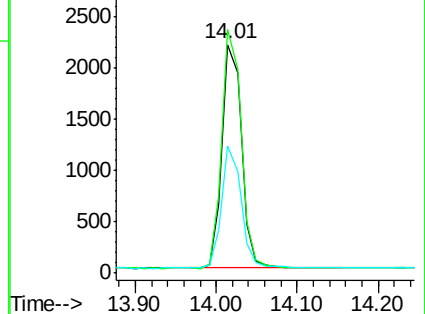
160 55.6 37.1 55.7

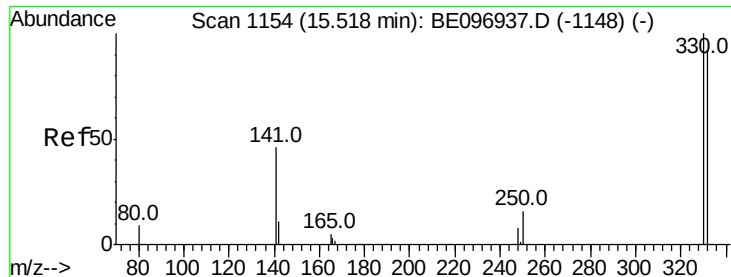


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

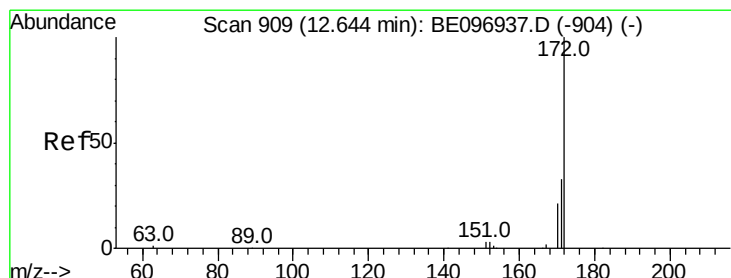
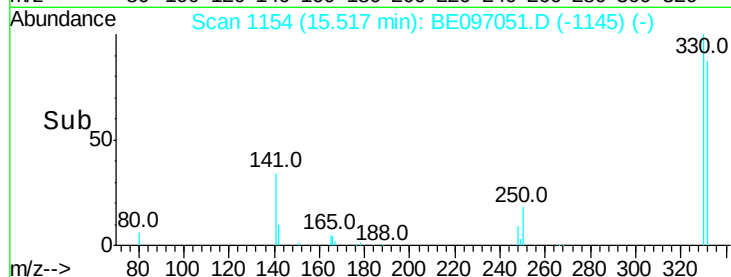
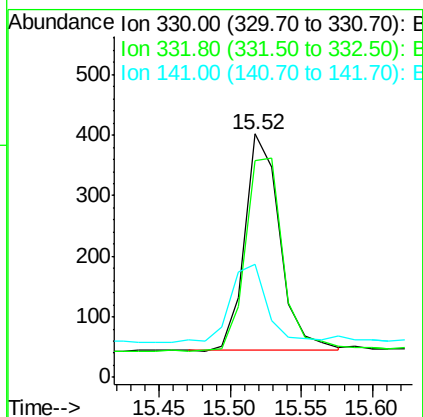
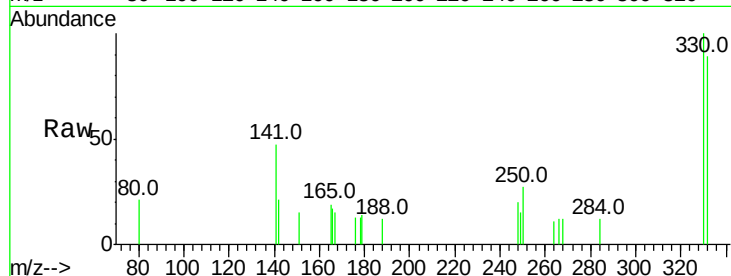




#14
 2,4,6-Tribromophenol
 Concen: 0.685 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097051.D
 Acq: 24 Jul 2018 00:45

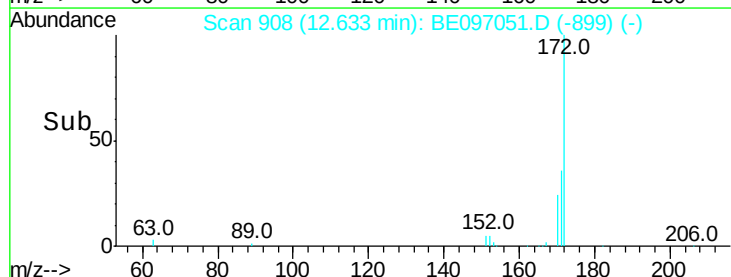
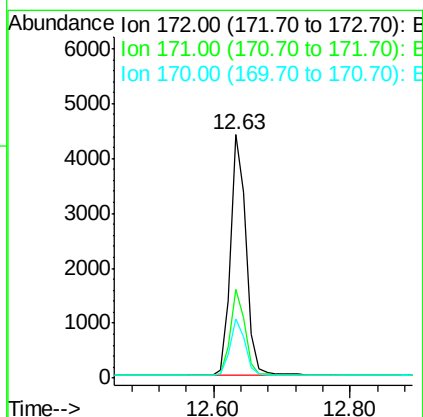
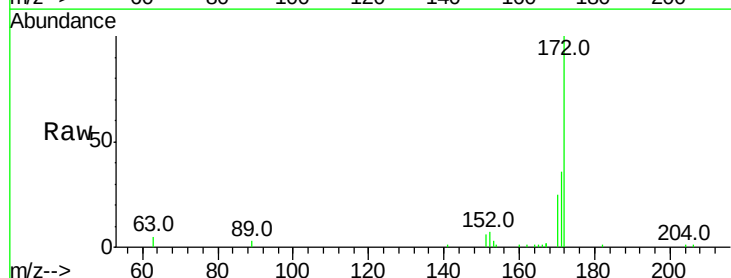
Instrument :
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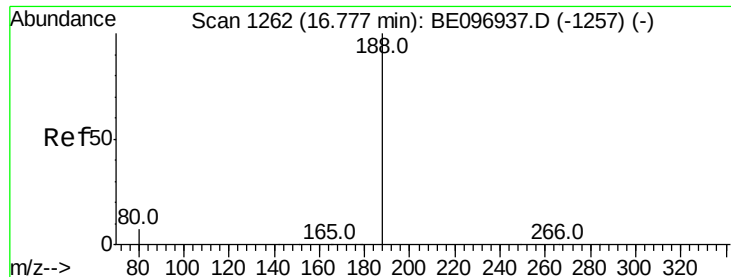
Tot Ion:330 Resp: 609
 Ion Ratio Lower Upper
 330 100
 332 96.1 152.7 229.1#
 141 39.1 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.522 ng
 RT: 12.63 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE097051.D
 Acq: 24 Jul 2018 00:45

Tgt Ion:172 Resp: 7115
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.9 44.9
 170 24.6 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

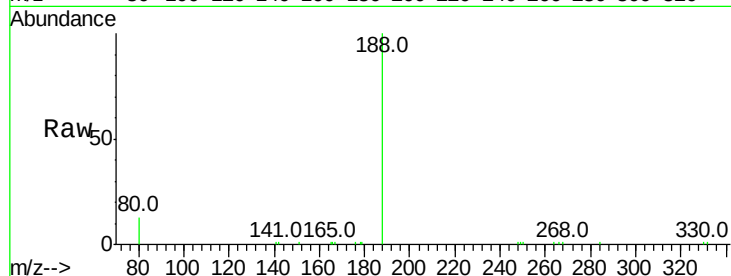
Tot Ion:188 Resp: 11203

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

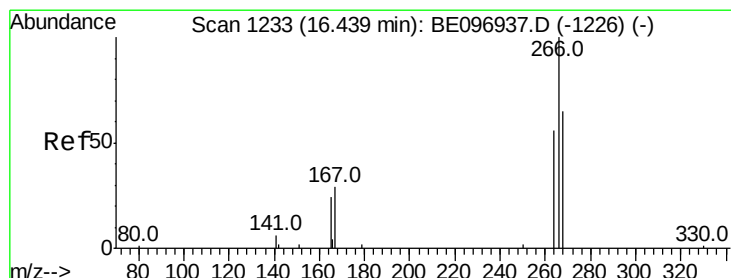
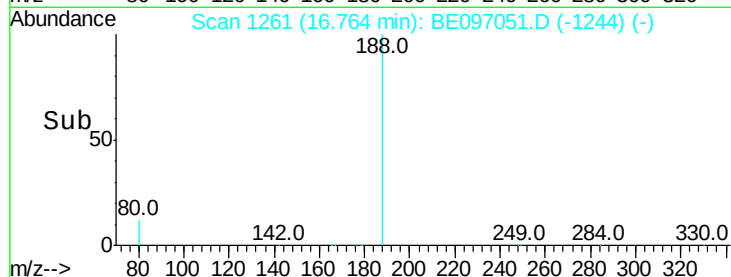
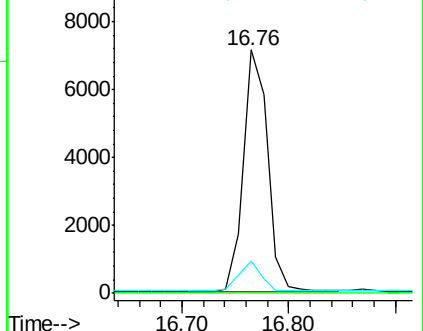
80 13.4 3.6 5.4#



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: Below Cal

RT: 16.41 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

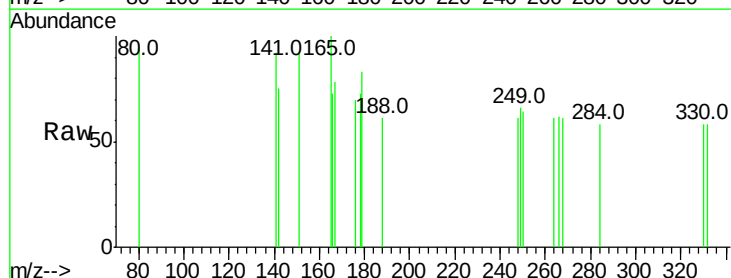
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 97.9 72.5 108.7

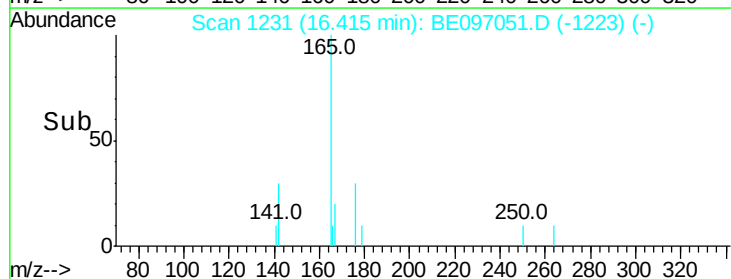
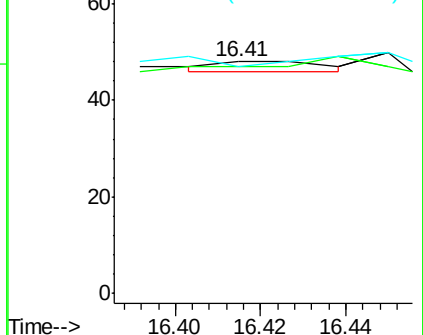
268 97.9 73.8 110.6

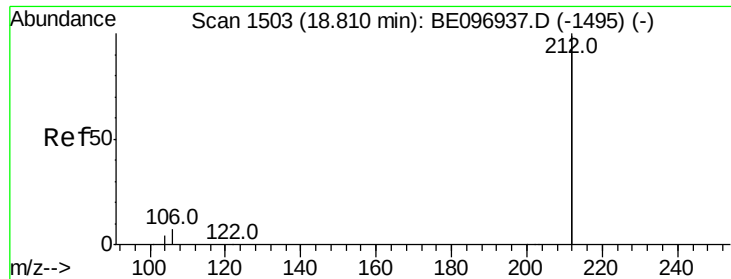


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.633 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

Instrument :

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RE126D3-071718

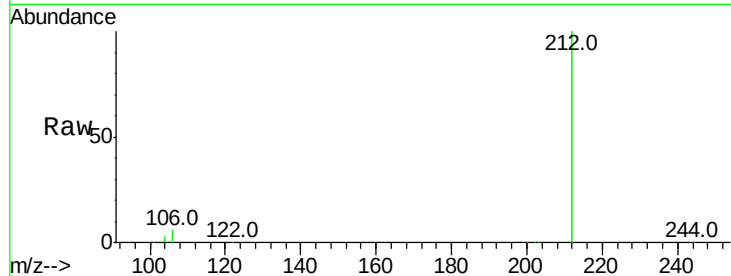
Tot Ion:212 Resp: 61745

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

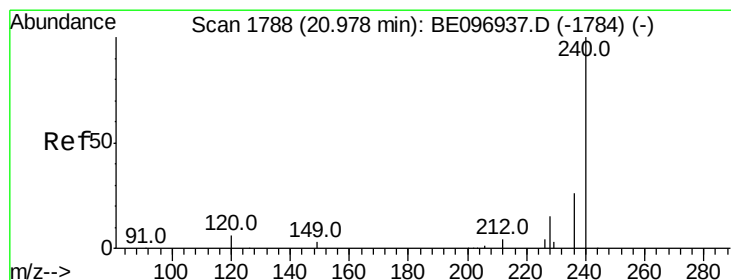
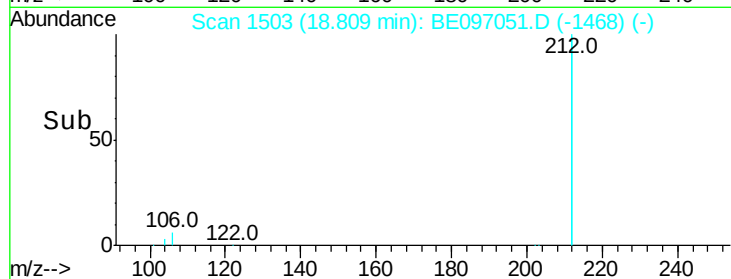
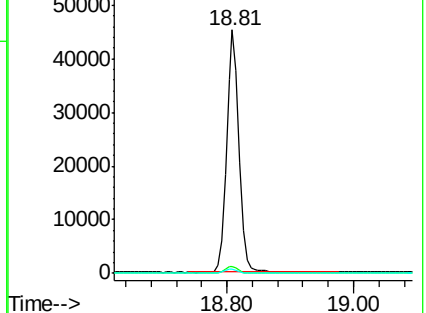
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

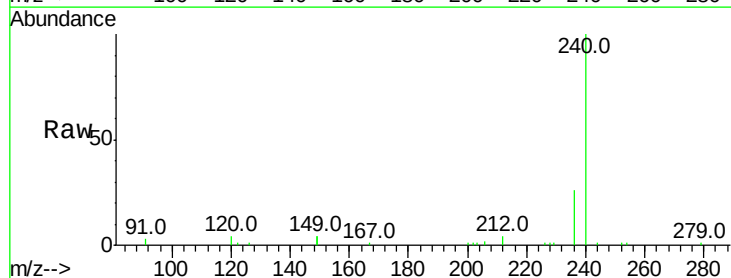
Tgt Ion:240 Resp: 11425

Ion Ratio Lower Upper

240 100

120 4.4 5.5 8.3#

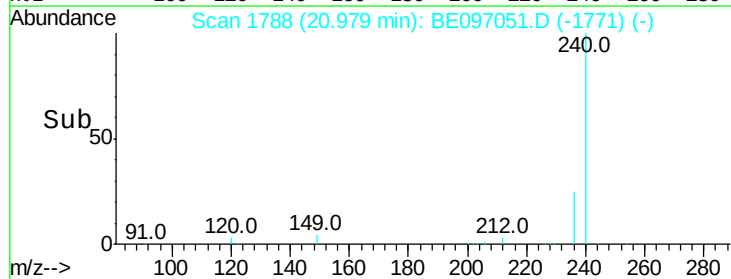
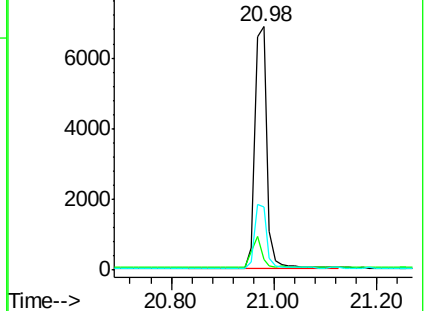
236 26.0 20.7 31.1

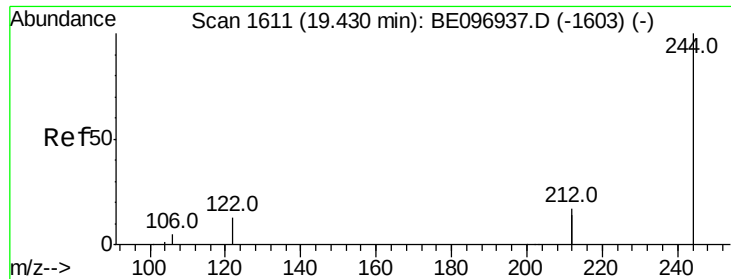


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.602 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718

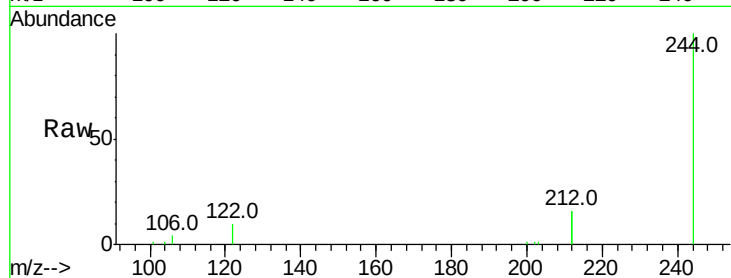
Tot Ion:244 Resp: 13269

Ion Ratio Lower Upper

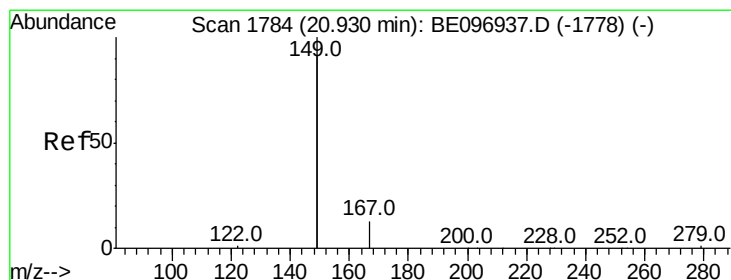
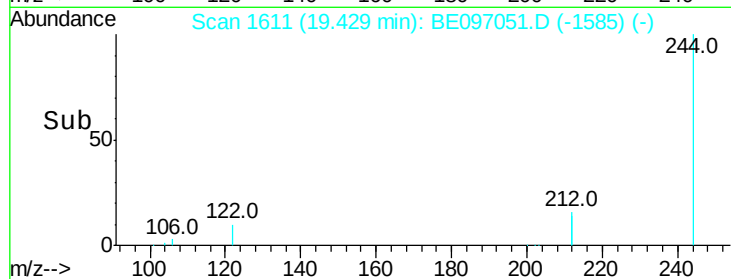
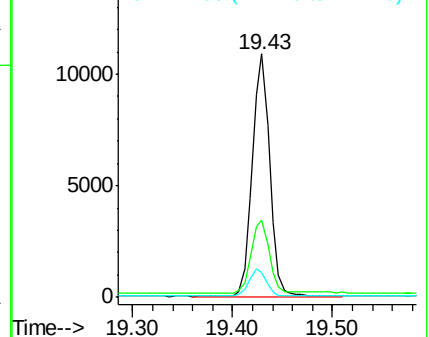
244 100

212 31.8 25.4 38.0

122 10.1 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: 0.140 ng

RT: 20.92 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BE097051.D

Acq: 24 Jul 2018 00:45

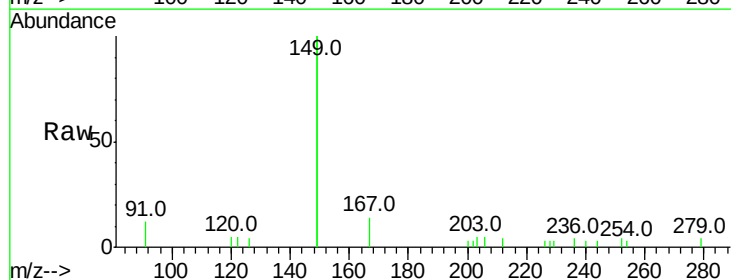
Tgt Ion:149 Resp: 3799

Ion Ratio Lower Upper

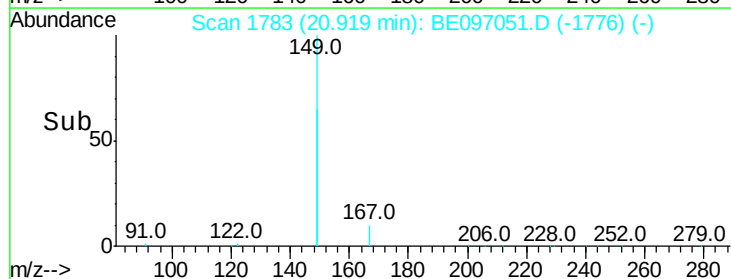
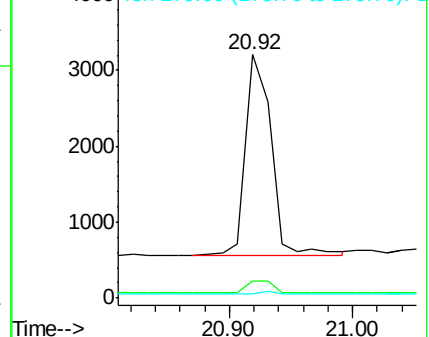
149 100

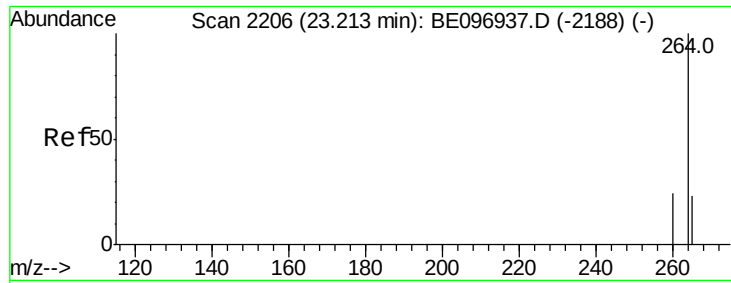
167 7.3 5.4 8.0

279 1.2 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

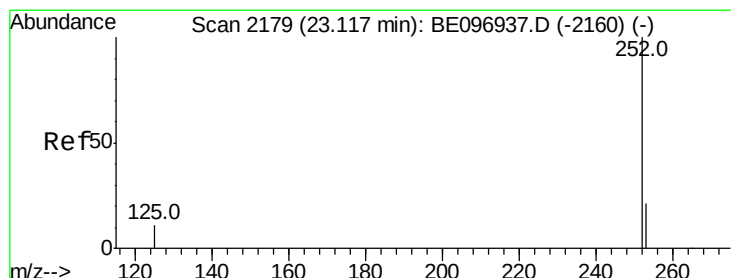
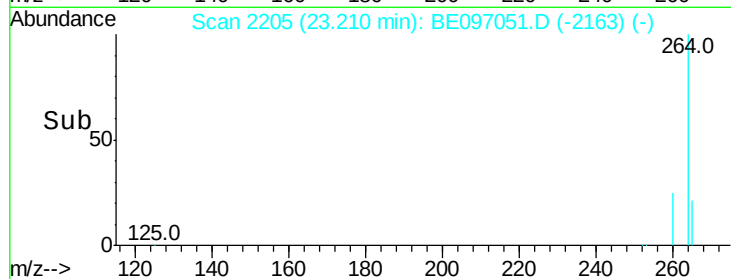
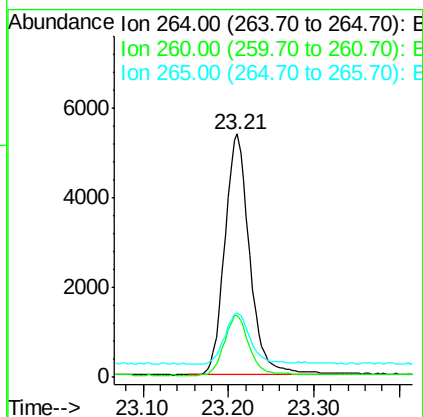
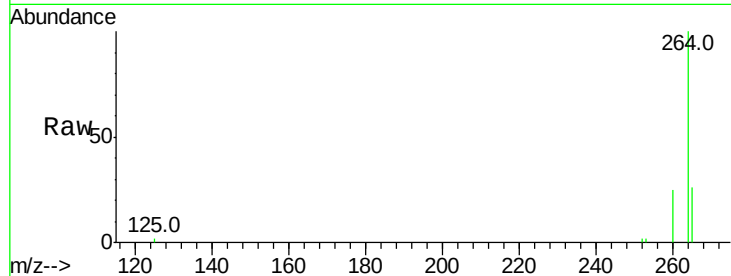




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE097051.D
 Acq: 24 Jul 2018 00:45

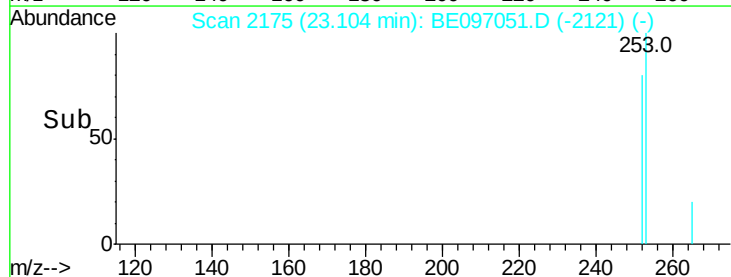
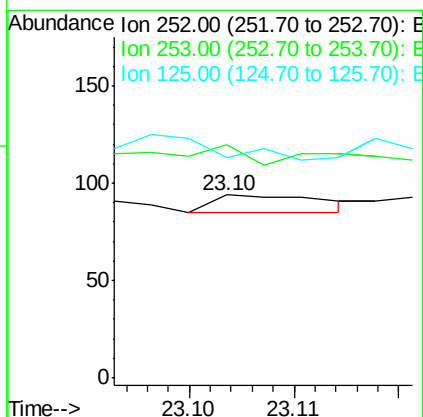
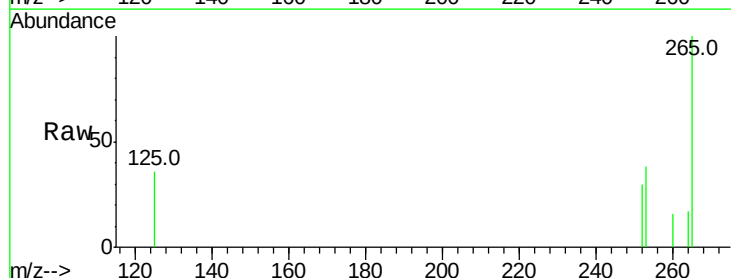
Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-071718

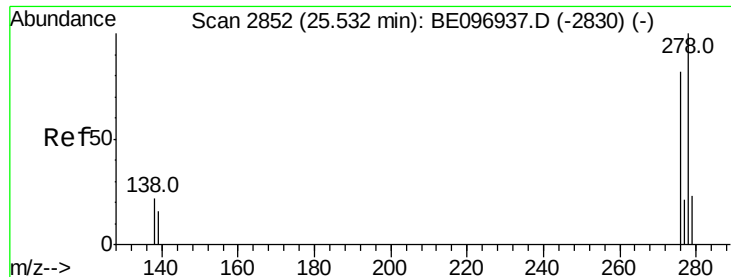
Tot Ion:264 Resp: 10971
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 26.5 22.8 34.2



#37
 Benzo(a)pyrene
 Concen: 0.102 ng
 RT: 23.10 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BE097051.D
 Acq: 24 Jul 2018 00:45

Tgt Ion:252 Resp: 7
 Ion Ratio Lower Upper
 252 100
 253 127.7 16.0 24.0#
 125 120.2 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.119 ng

RT: 25.53 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BE097051.D

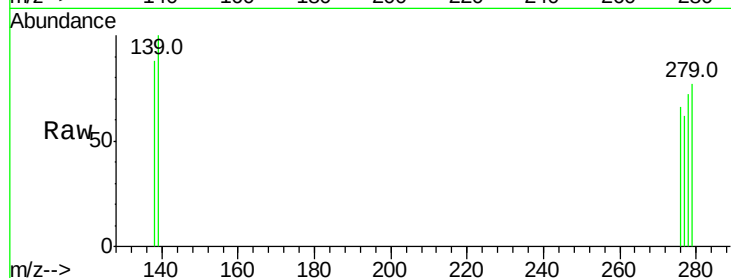
Acq: 24 Jul 2018 00:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-071718



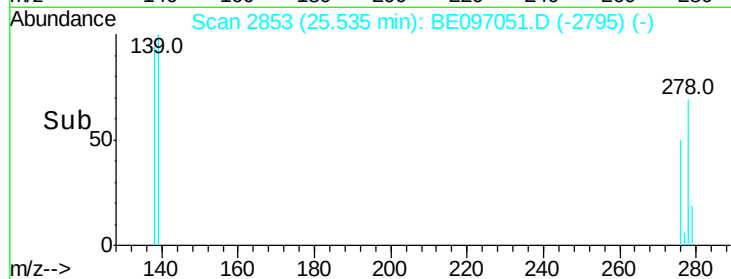
Tot Ion:278 Resp: 24

Ion Ratio Lower Upper

278 100

139 138.7 16.0 24.0#

279 106.5 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

