

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096927.D
 Acq On : 14 Jul 2018 6:17
 Operator : SJ/JU
 Sample : J3170-06DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-071018DL

Quant Time: Jul 14 06:58:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2329	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	12268	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6750	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	16675	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13431	0.40	ng	0.00
34) Perylene-d12	23.21	264	13508	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	230	0.04	ng	0.00
5) Phenol-d6	6.59	99	178	0.02	ng	0.00
8) Nitrobenzene-d5	8.53	82	710	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1486	0.08	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	124	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2322	0.09	ng	0.00
25) Fluoranthene-d10	18.81	212	12244	0.08	ng	0.00
29) Terphenyl-d14	19.43	244	3057	0.12	ng	0.00

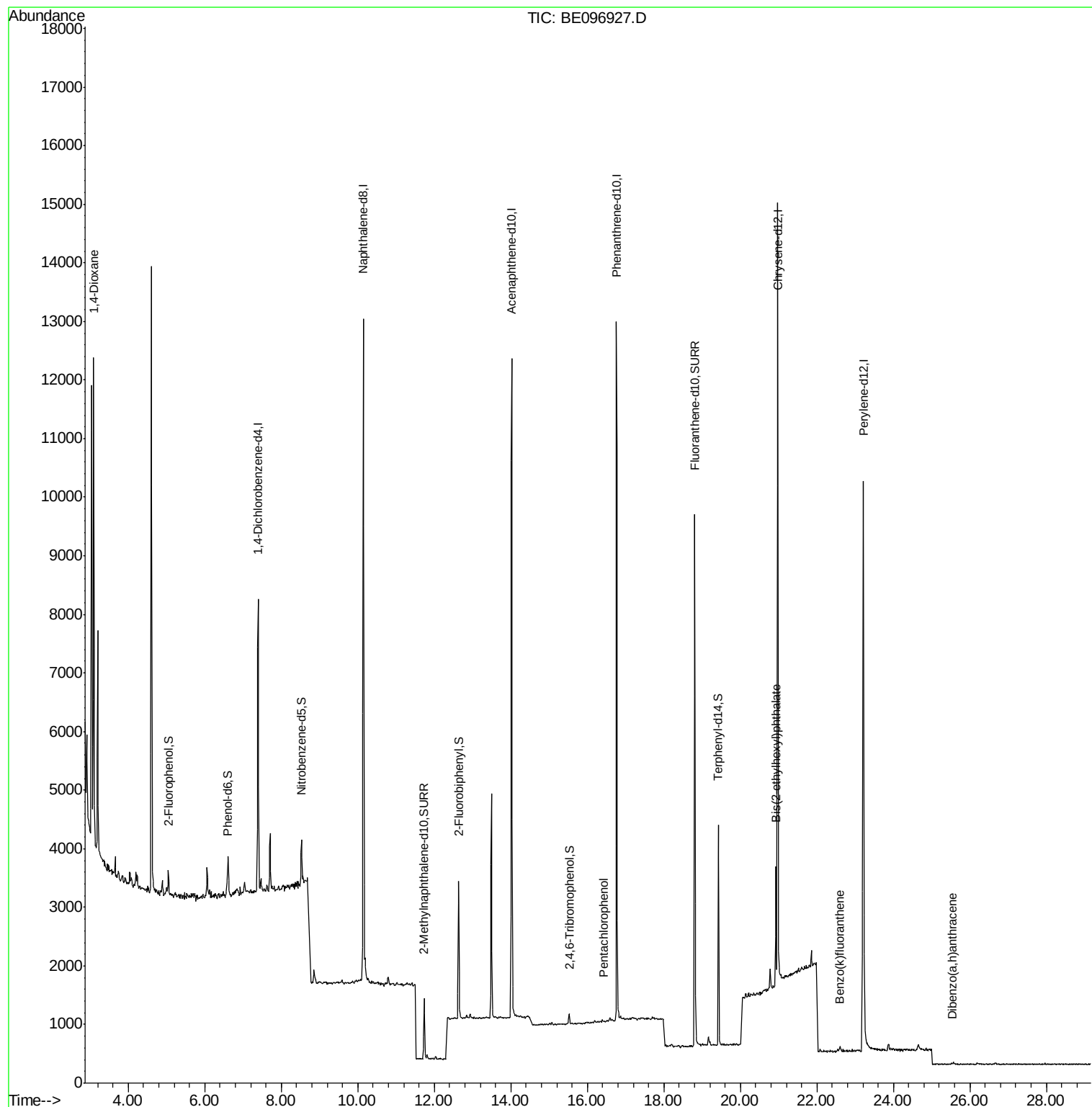
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	4275	1.225	ng	# 87
22) Pentachlorophenol	16.44	266	13	0.045	ng	# 97
32) Bis(2-ethylhexyl)phthalate	20.93	149	2456	0.092	ng	# 99
36) Benzo(k)fluoranthene	22.58	252	7	0.083	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	2	0.109	ng	# 1

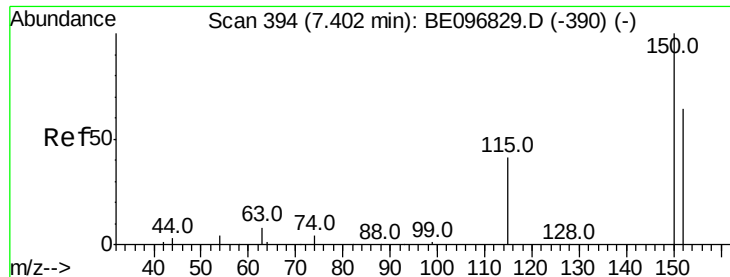
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 06:57:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
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QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.01 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

Instrument :

BNA_E

ClientSampleId :

RE131D2-071018DL

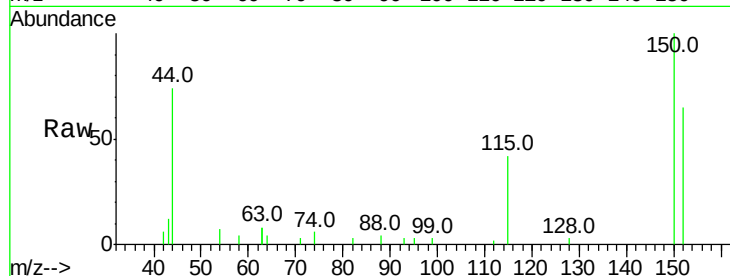
Tot Ion:152 Resp: 2329

Ion Ratio Lower Upper

152 100

150 153.6 117.2 175.8

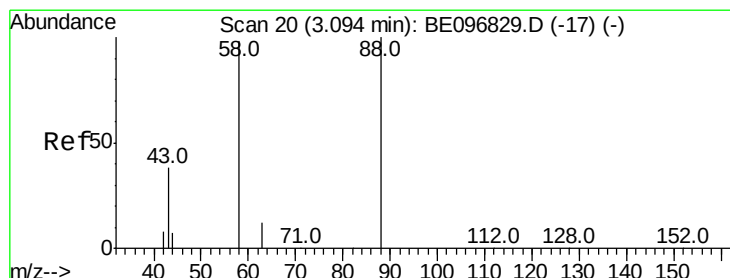
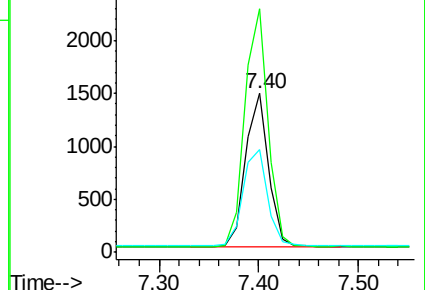
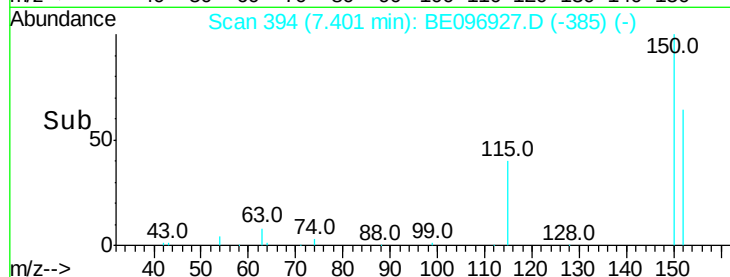
115 64.5 57.0 85.6



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: 1.225 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

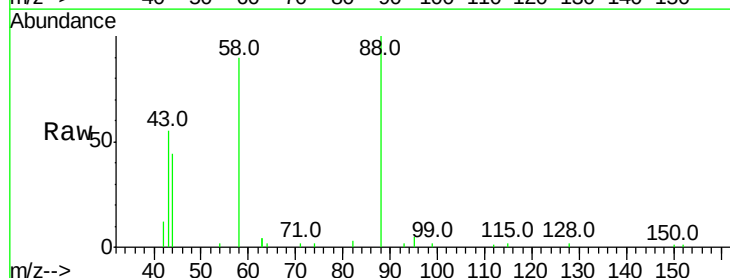
Tgt Ion: 88 Resp: 4275

Ion Ratio Lower Upper

88 100

58 84.5 63.2 94.8

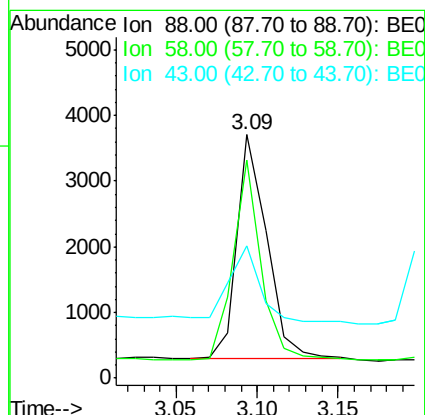
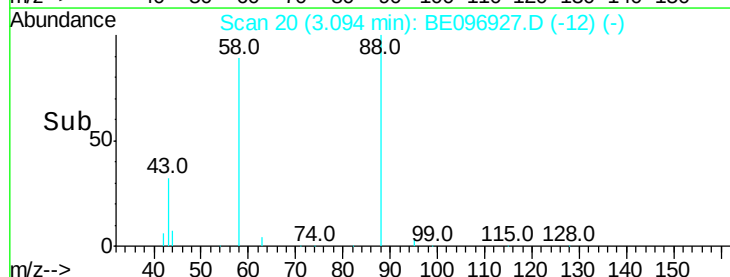
43 35.6 41.2 61.8#

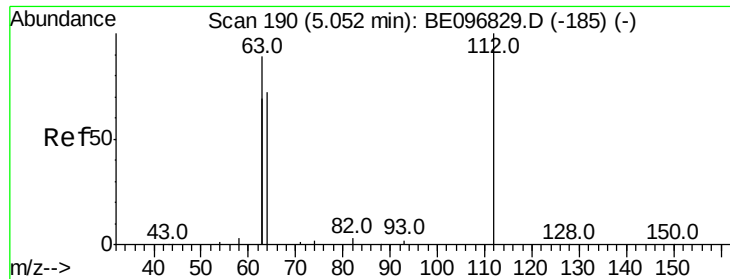


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.044 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

Instrument :

BNA_E

ClientSampleId :

RE131D2-071018DL

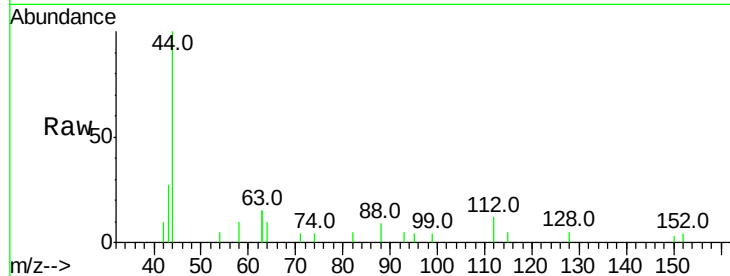
Tot Ion:112 Resp: 230

Ion Ratio Lower Upper

112 100

64 62.6 60.1 90.1

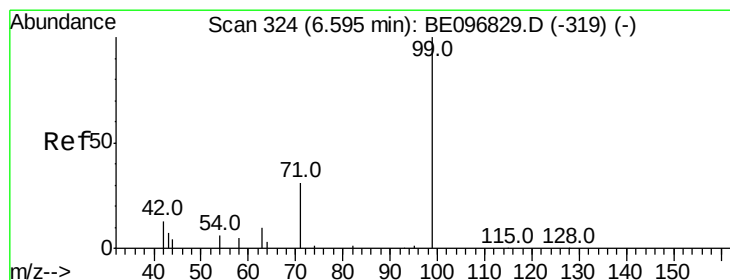
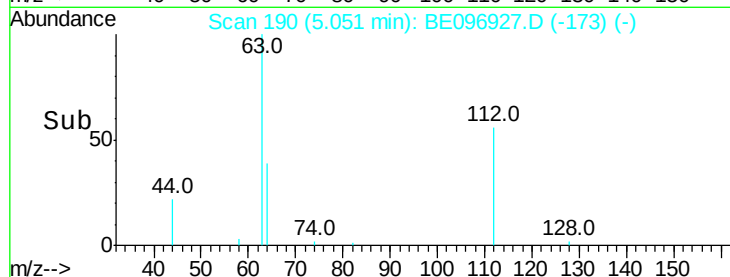
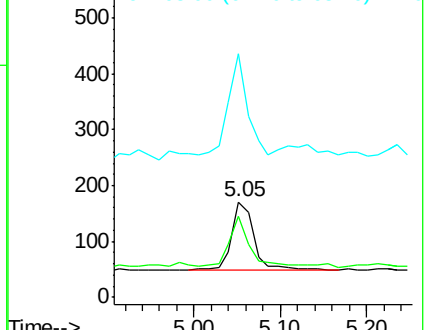
63 129.6 116.8 175.2



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: 0.023 ng

RT: 6.59 min Scan# 324

Delta R.T. 0.01 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

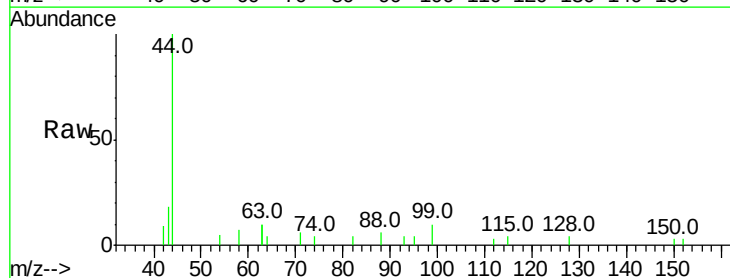
Tgt Ion: 99 Resp: 178

Ion Ratio Lower Upper

99 100

42 54.5 20.2 30.2#

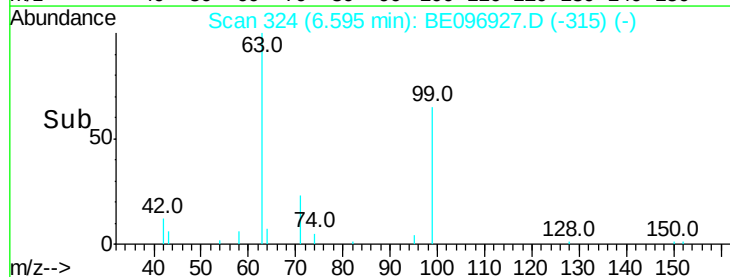
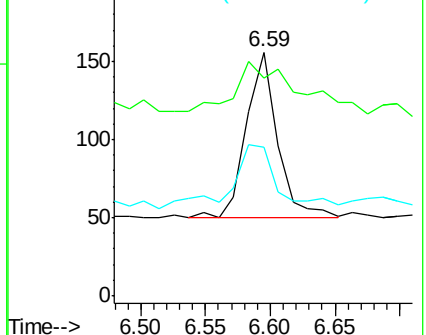
71 56.2 28.4 42.6#

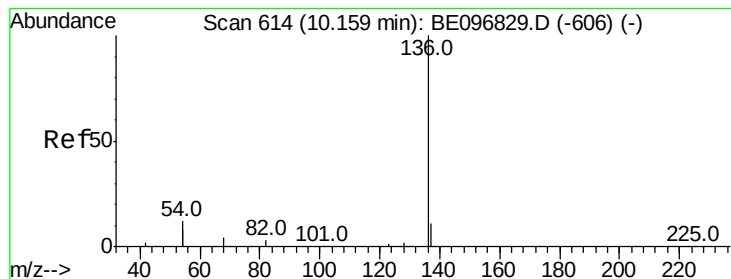


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE096927.D

Acq: 14 Jul 2018 6:17

Instrument :

BNA_E

ClientSampleId :

RE131D2-071018DL

Tot Ion:136 Resp: 12268

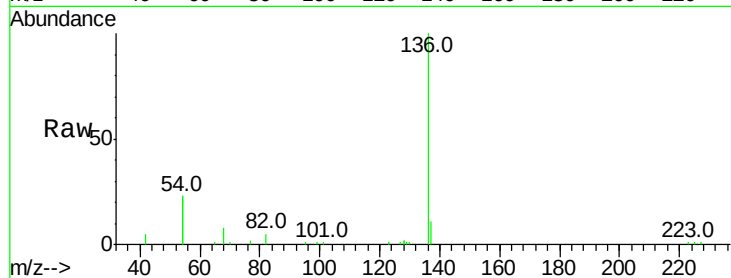
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 46.2 29.1 43.7#

68 8.3 6.2 9.2

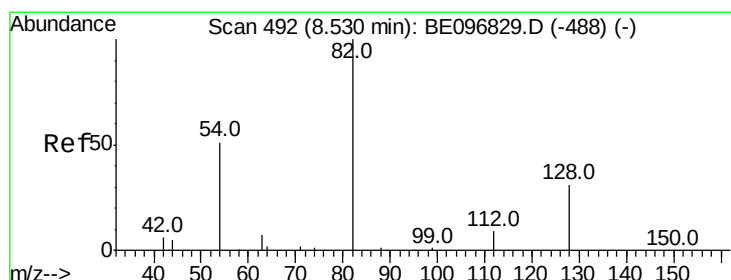
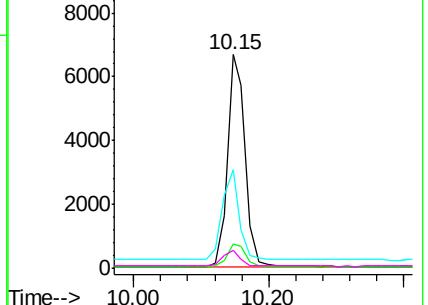
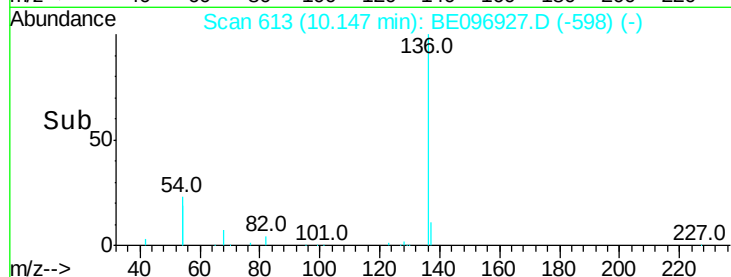


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.096 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

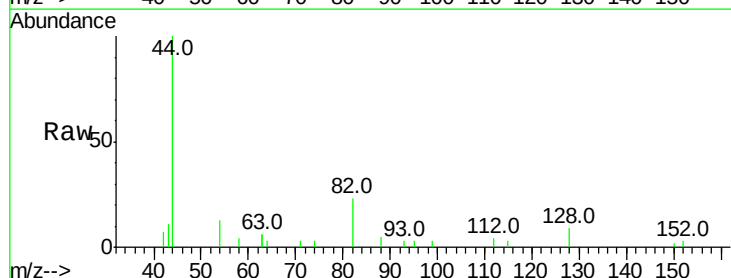
Tgt Ion: 82 Resp: 710

Ion Ratio Lower Upper

82 100

128 39.3 24.0 36.0#

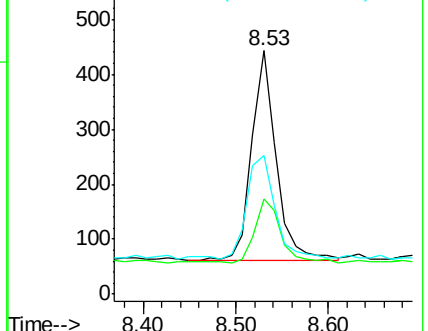
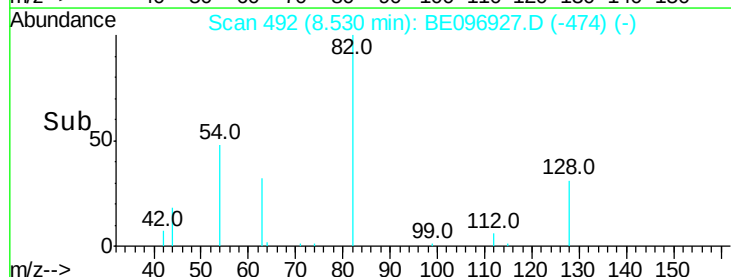
54 56.9 40.0 60.0

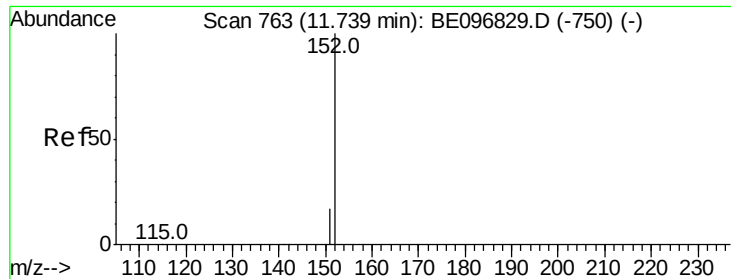


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

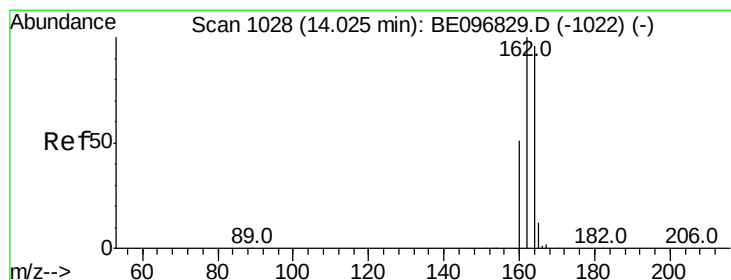
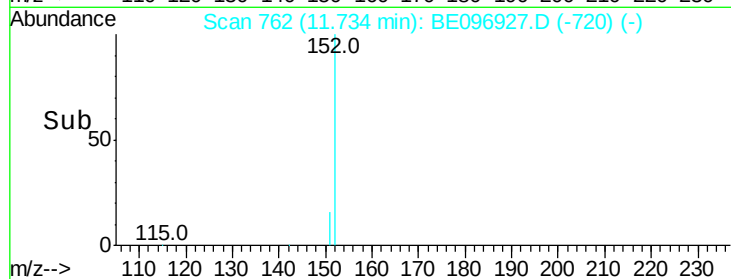
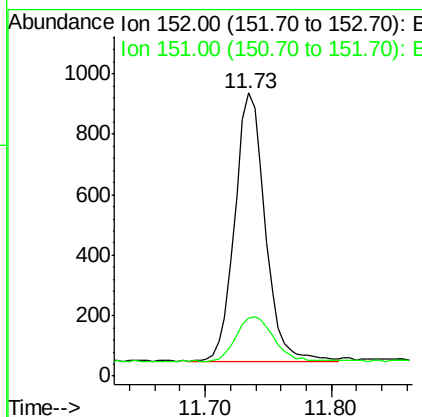
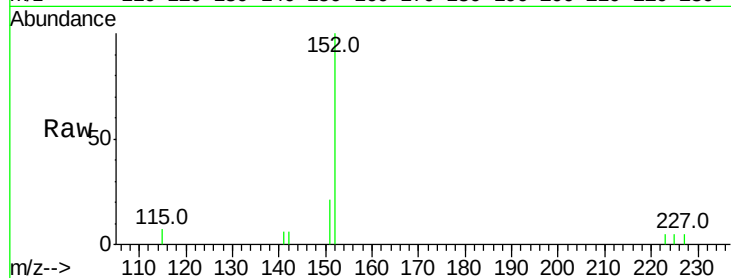




#11
2-Methylnaphthalene-d10
Concen: 0.084 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096927.D
Acq: 14 Jul 2018 6:17

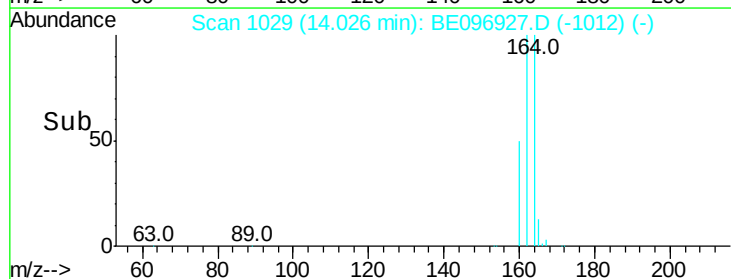
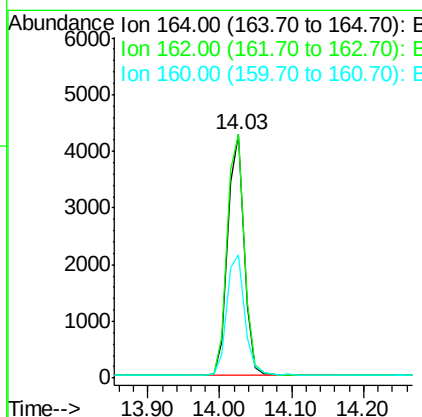
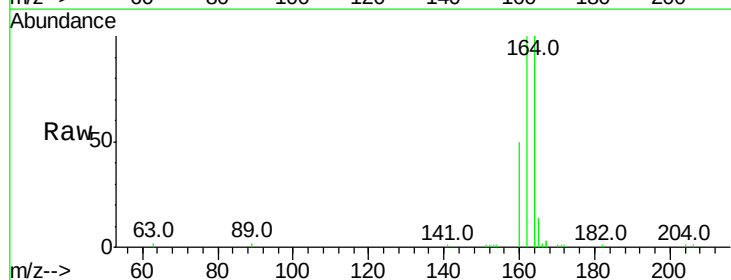
Instrument :
BNA_E
ClientSampleId :
RE131D2-071018DL

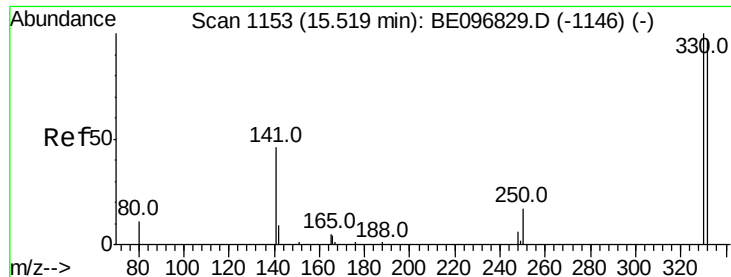
Tot Ion:152 Resp: 1486
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE096927.D
Acq: 14 Jul 2018 6:17

Tgt Ion:164 Resp: 6750
Ion Ratio Lower Upper
164 100
162 100.1 83.1 124.7
160 50.5 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.218 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

Instrument :

BNA_E

ClientSampleId :

RE131D2-071018DL

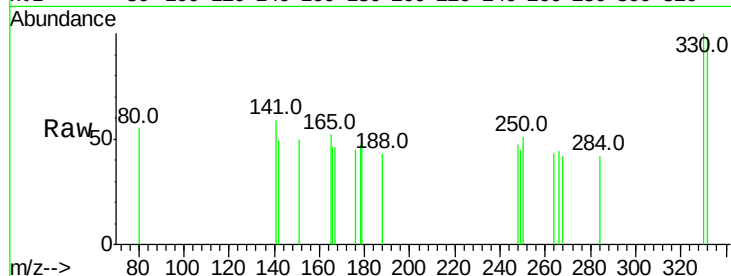
Tot Ion:330 Resp: 124

Ion Ratio Lower Upper

330 100

332 101.6 152.7 229.1#

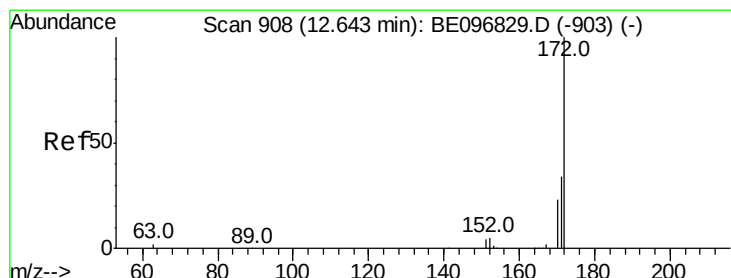
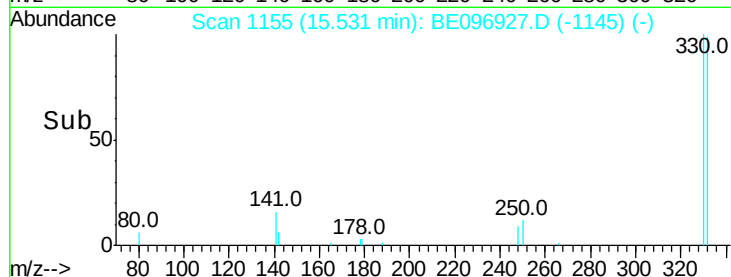
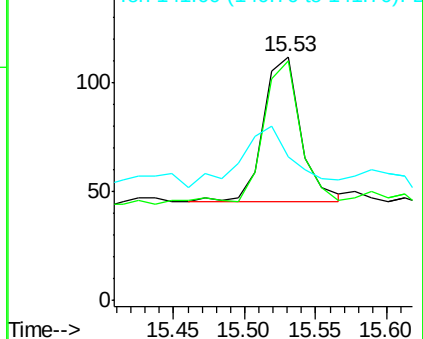
141 57.3 33.7 50.5#



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.094 ng

RT: 12.64 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

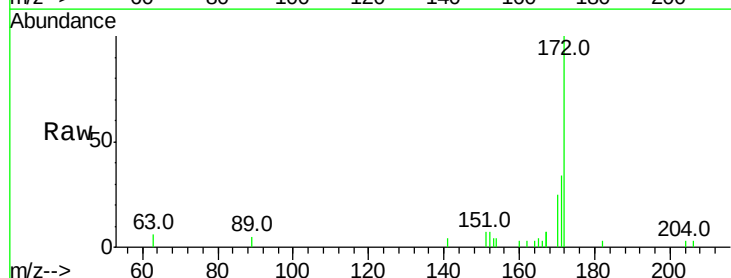
Tgt Ion:172 Resp: 2322

Ion Ratio Lower Upper

172 100

171 33.5 29.9 44.9

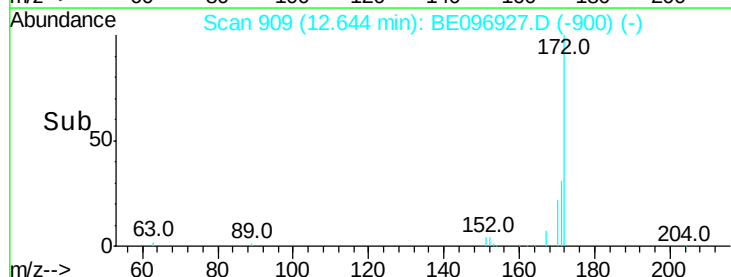
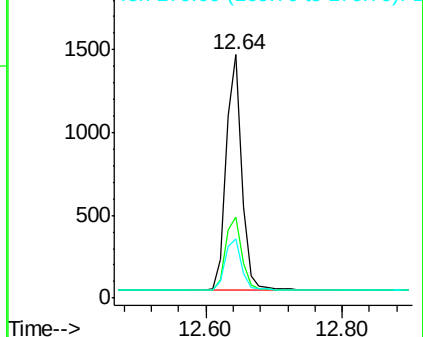
170 24.6 21.8 32.8

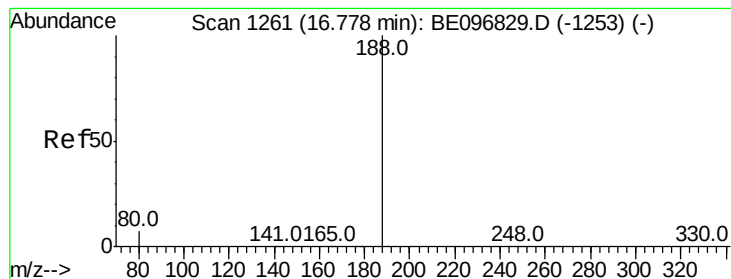


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

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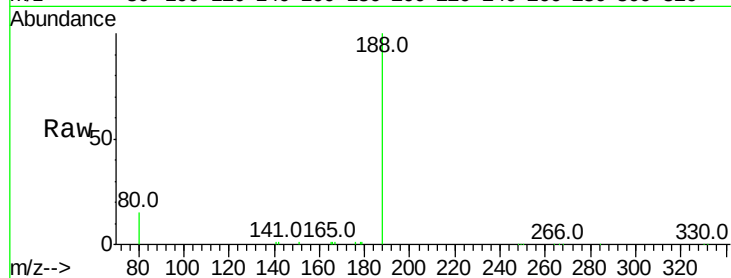
Tot Ion:188 Resp: 16675

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

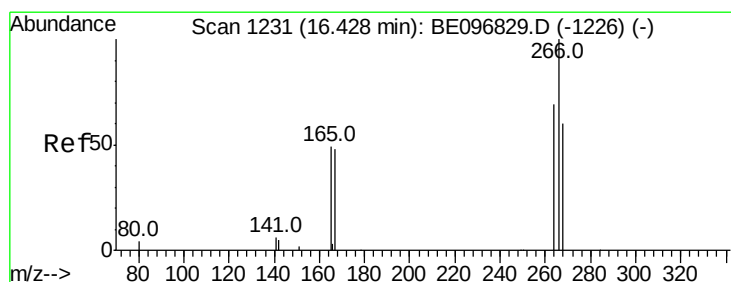
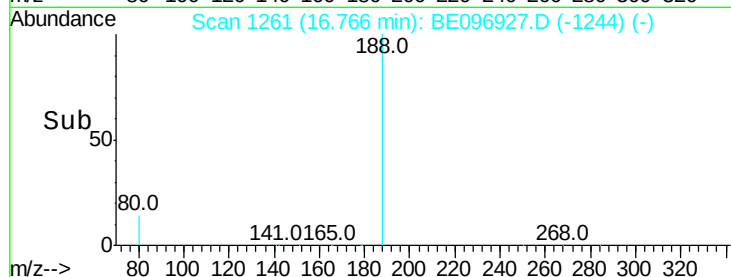
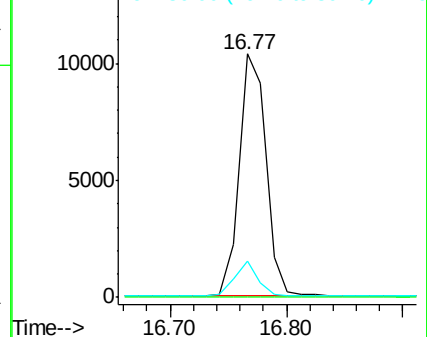
80 15.0 3.6 5.4#



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: 0.045 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

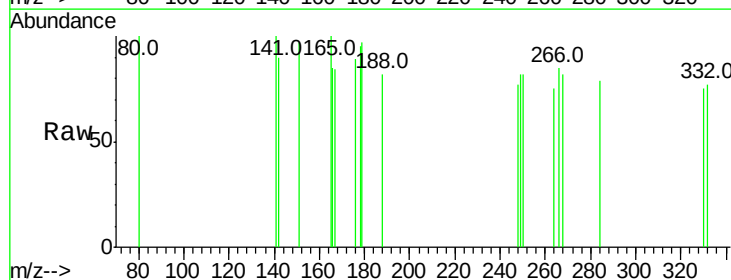
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 88.5 72.5 108.7

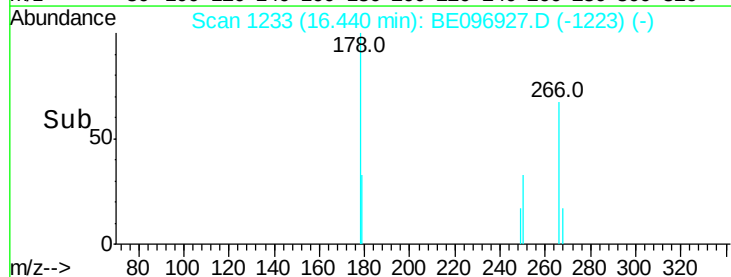
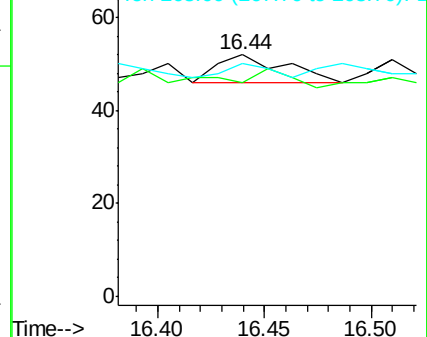
268 96.2 73.8 110.6

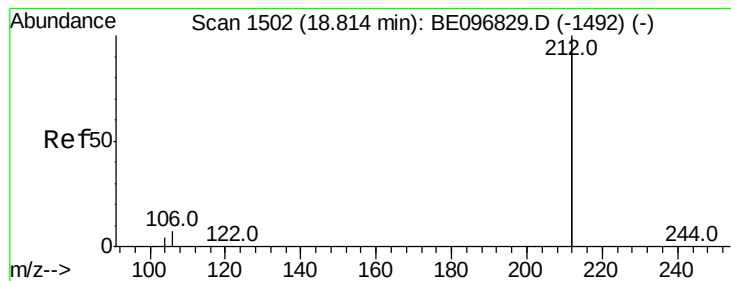


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.083 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096927.D

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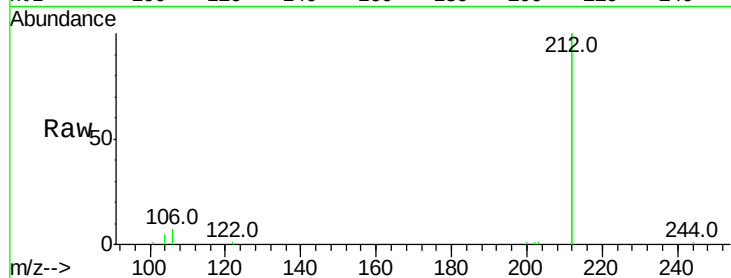
Tot Ion:212 Resp: 12244

Ion Ratio Lower Upper

212 100

106 3.8 2.8 4.2

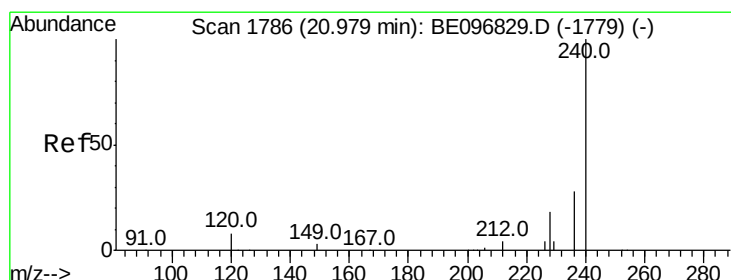
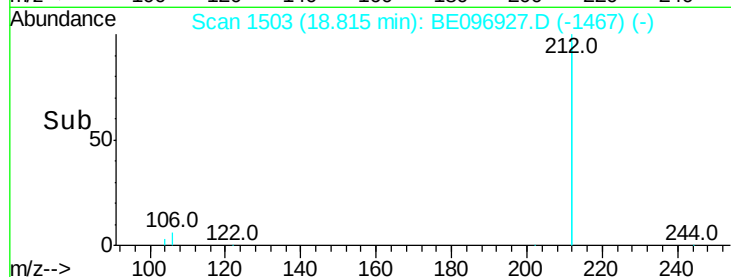
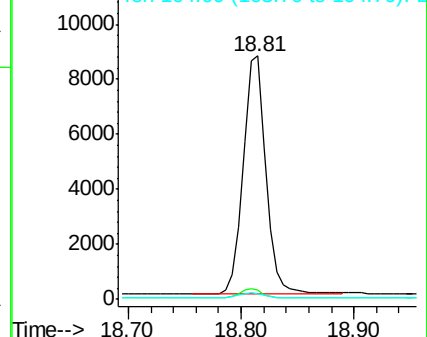
104 2.1 1.6 2.4



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# 1787

Delta R.T. 0.00 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

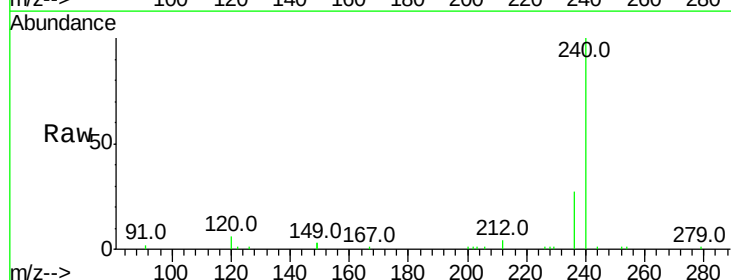
Tgt Ion:240 Resp: 13431

Ion Ratio Lower Upper

240 100

120 5.8 5.5 8.3

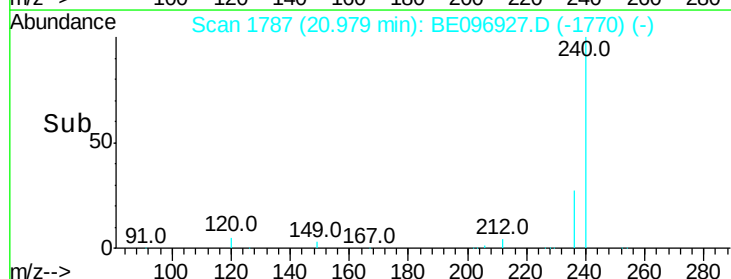
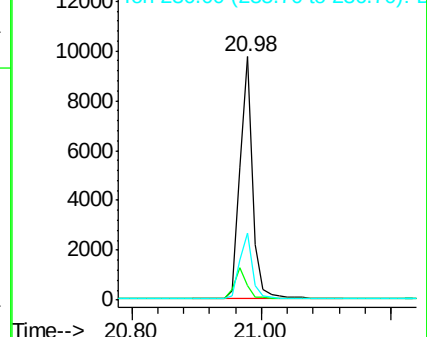
236 27.2 20.7 31.1

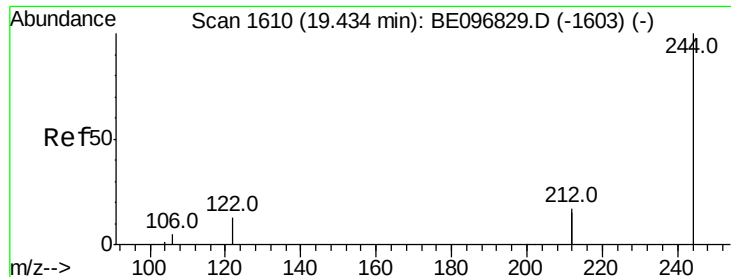


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.118 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

Instrument :

BNA_E

ClientSampleId :

RE131D2-071018DL

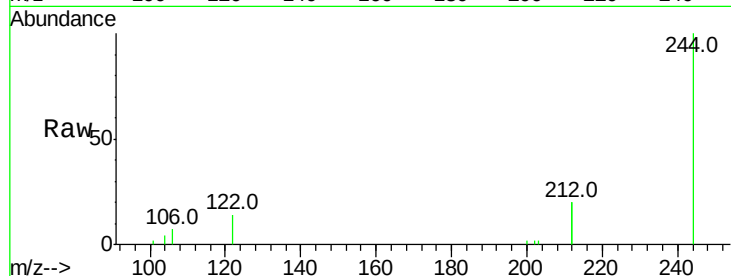
Tot Ion:244 Resp: 3057

Ion Ratio Lower Upper

244 100

212 39.6 25.4 38.0#

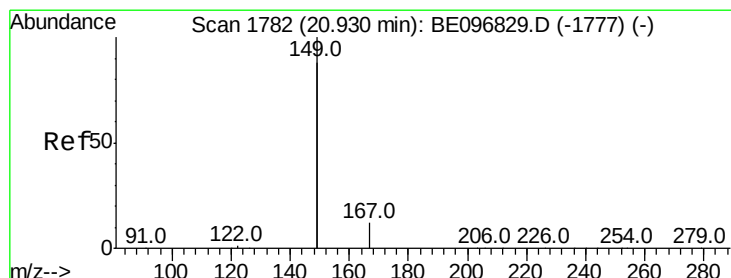
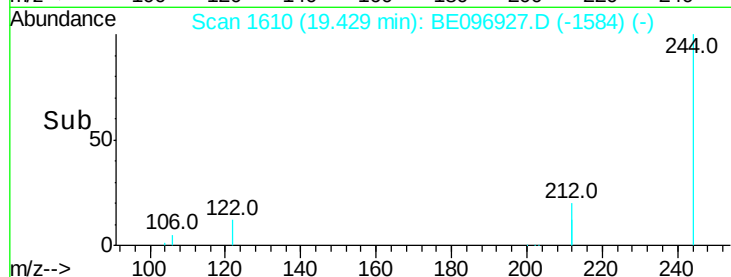
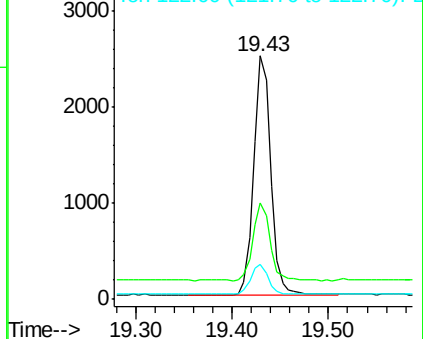
122 14.3 8.1 12.1#



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: 0.092 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE096927.D

Acq: 14 Jul 2018 6:17

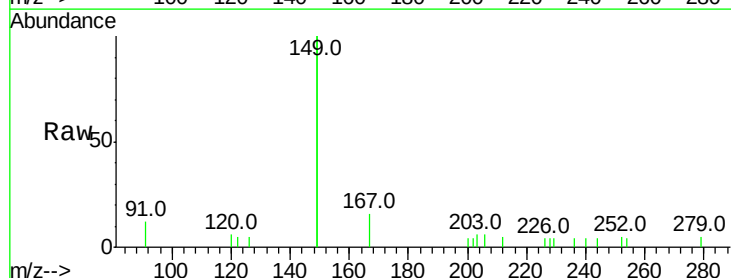
Tgt Ion:149 Resp: 2456

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

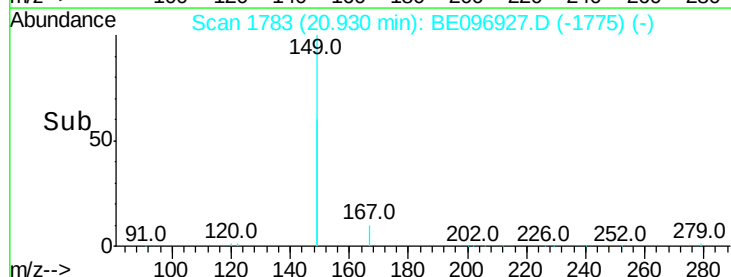
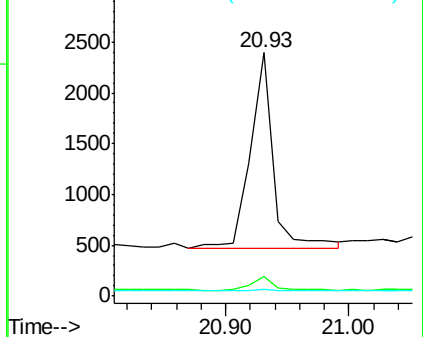
279 1.1 0.7 1.1#

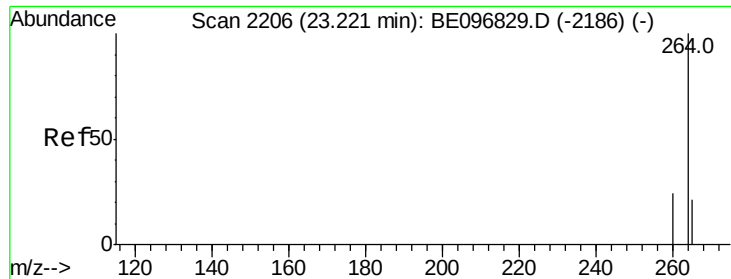


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

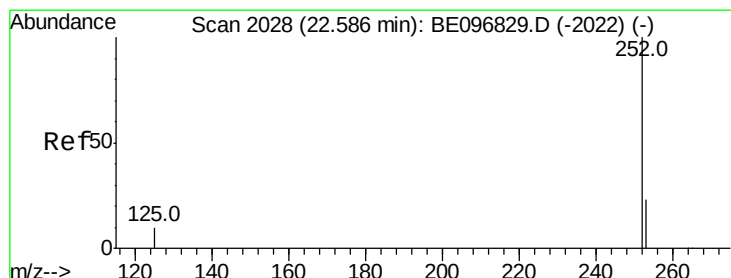
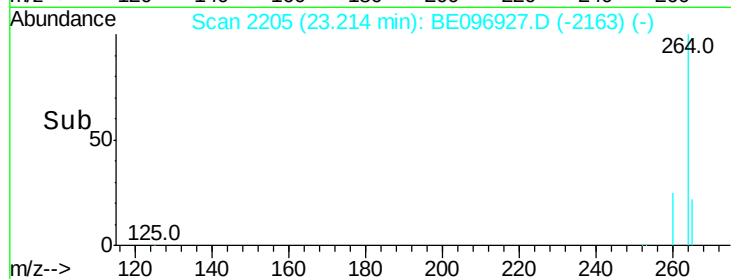
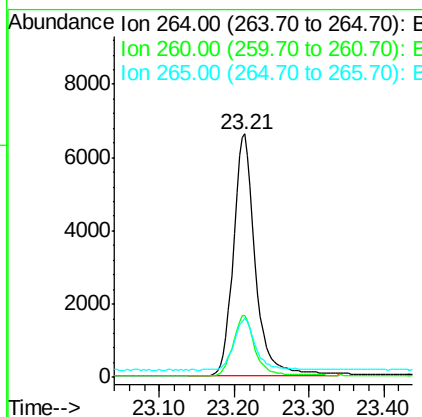
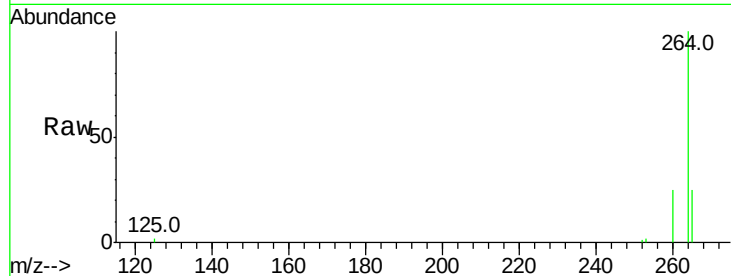




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE096927.D
 Acq: 14 Jul 2018 6:17

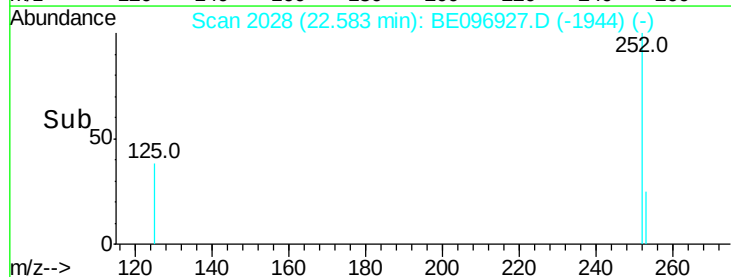
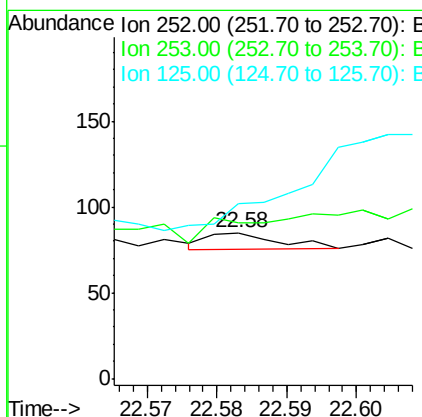
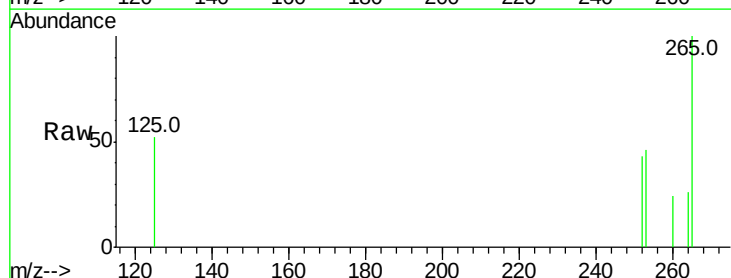
Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-071018DL

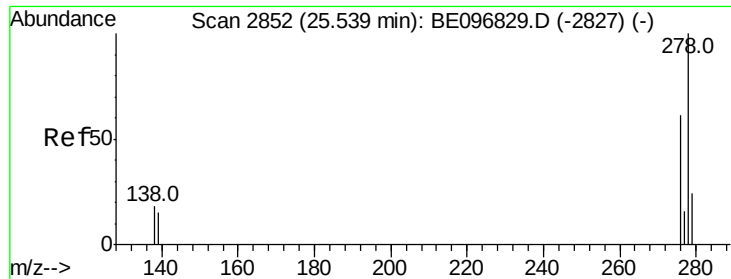
Tot Ion:264 Resp: 13508
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 24.6 22.8 34.2



#36
 Benzo(k)fluoranthene
 Concen: 0.083 ng
 RT: 22.58 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BE096927.D
 Acq: 14 Jul 2018 6:17

Tgt Ion:252 Resp: 7
 Ion Ratio Lower Upper
 252 100
 253 107.1 16.0 24.0#
 125 120.0 8.0 12.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.109 ng

RT: 25.53 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE096927.D

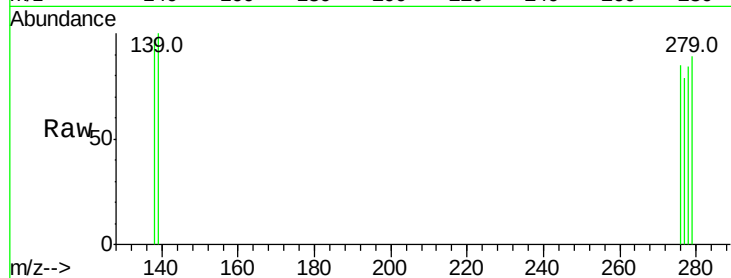
Acq: 14 Jul 2018 6:17

Instrument :

BNA_E

ClientSampleId :

RE131D2-071018DL



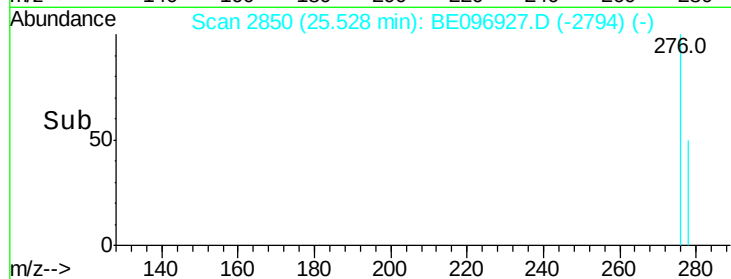
Tot Ion: 278 Resp: 2

Ion Ratio Lower Upper

278 100

139 119.6 16.0 24.0#

279 105.9 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

