

Data File : BE098640.D
Acq On : 16 Jan 2019 20:16
Operator : SJ/JU
Sample : K1150-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190114

Quant Time: Jan 17 00:17:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	884	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3907	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2688	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6377	0.40	ng	0.00
27) Chrysene-d12	21.41	240	7173	0.40	ng	0.00
34) Perylene-d12	23.92	264	7144	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	428	0.18	ng	0.00
5) Phenol-d6	7.00	99	313	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1347	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2503	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	518	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5222	0.47	ng	0.00
25) Fluoranthene-d10	19.26	212	31964	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	7600	0.48	ng	0.00

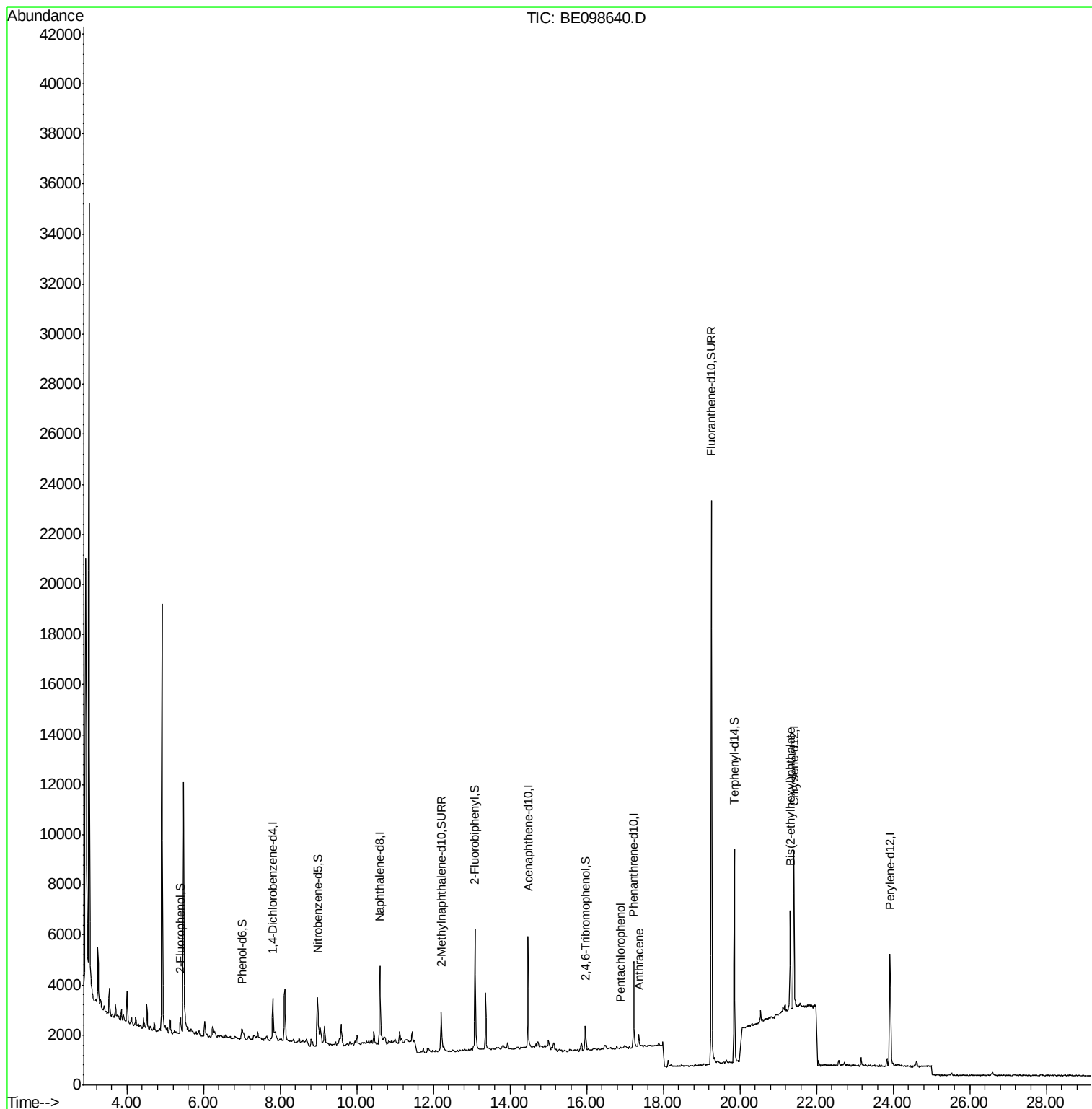
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	82	Below Cal	#	1
22) Pentachlorophenol	16.89	266	83	0.253 ng	#	82
24) Anthracene	17.36	178	687	0.053 ng	#	91
32) Bis(2-ethylhexyl)phthalate	21.32	149	4816	0.118 ng		97

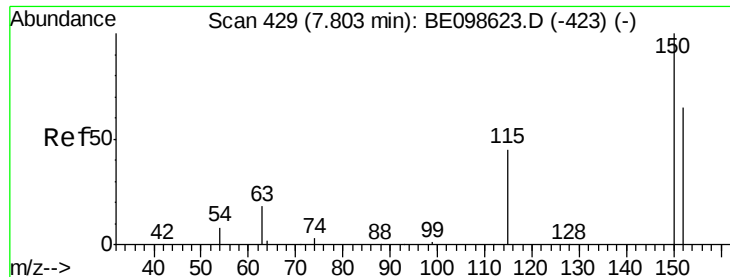
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

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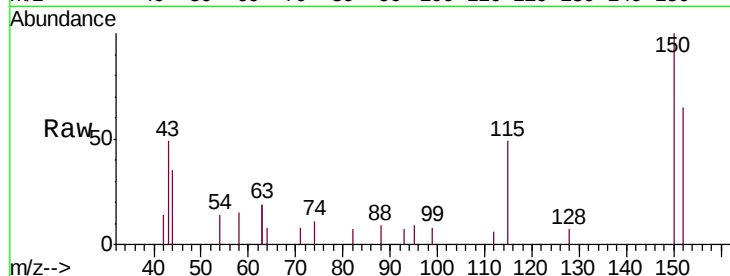
Tgt Ion:152 Resp: 884

Ion Ratio Lower Upper

152 100

150 153.2 121.4 182.2

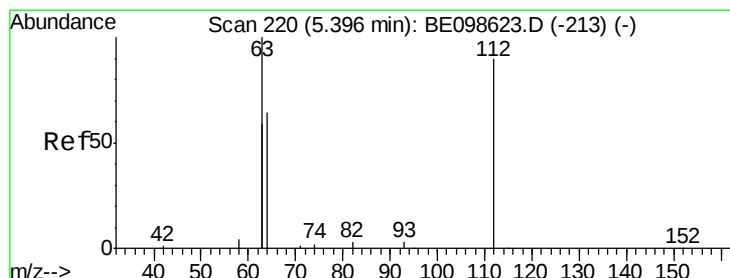
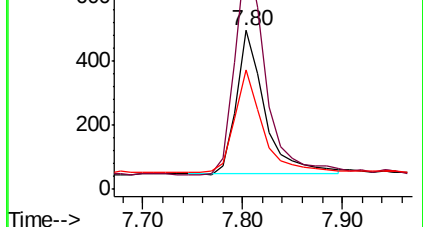
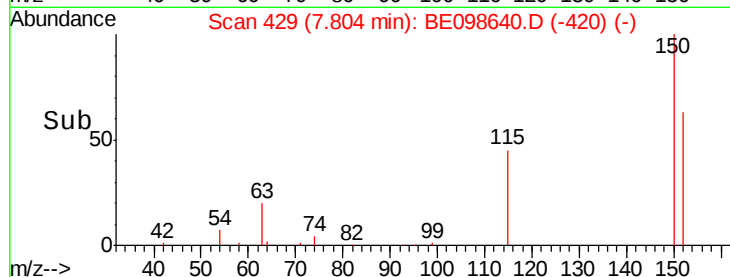
115 74.9 59.1 88.7



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: 0.182 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

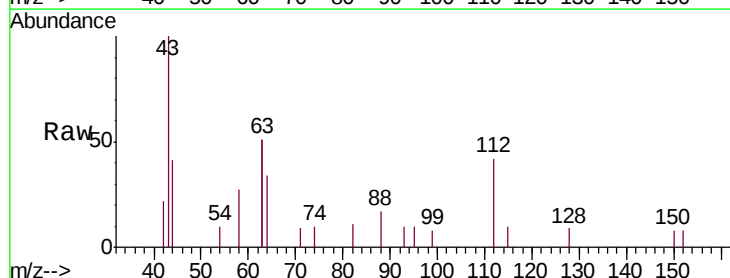
Tgt Ion:112 Resp: 428

Ion Ratio Lower Upper

112 100

64 76.9 62.9 94.3

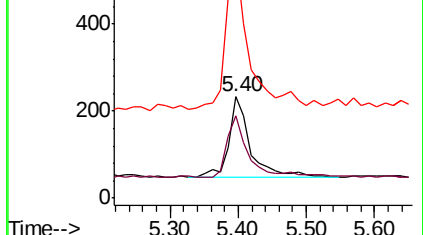
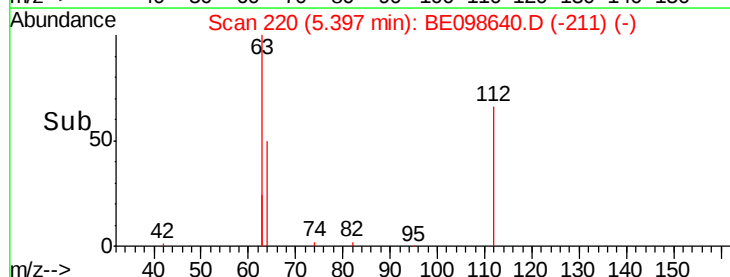
63 177.6 152.2 228.4

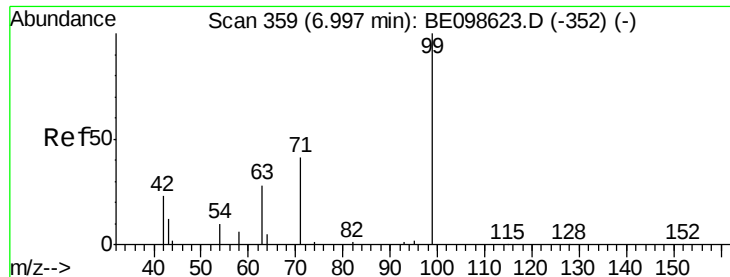


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.093 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

Instrument :

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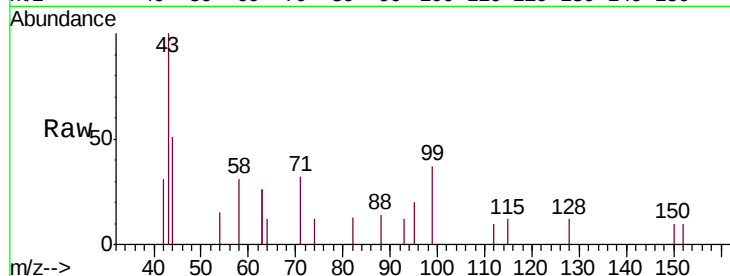
Tgt Ion: 99 Resp: 313

Ion Ratio Lower Upper

99 100

42 51.8 24.6 37.0#

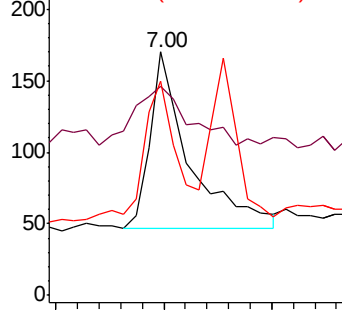
71 67.7 35.1 52.7#



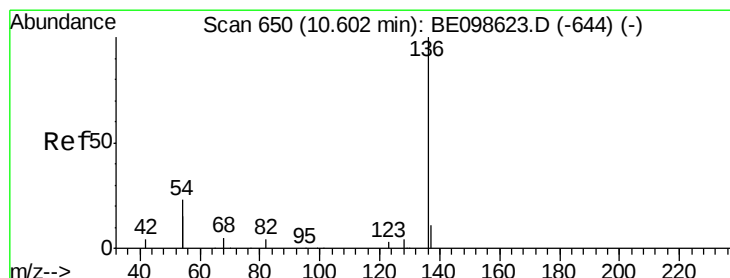
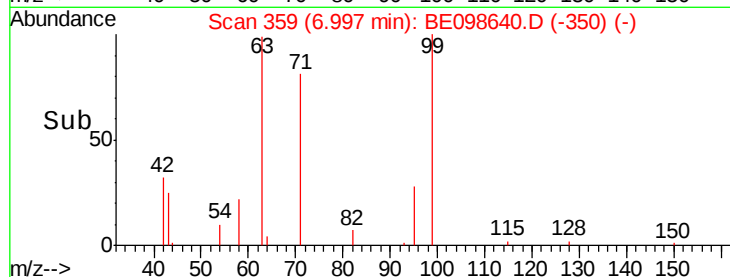
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 7.00 7.10



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

Tgt Ion: 136 Resp: 3907

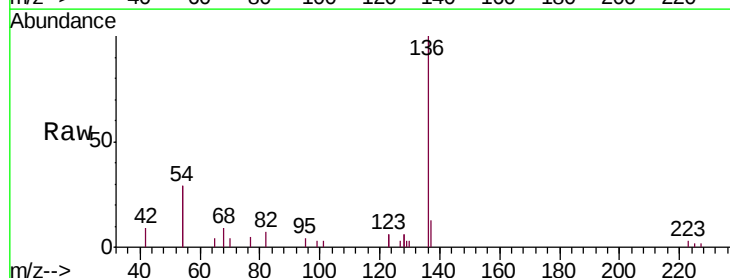
Ion Ratio Lower Upper

136 100

137 13.2 9.7 14.5

54 57.7 35.5 53.3#

68 8.7 5.0 7.6#

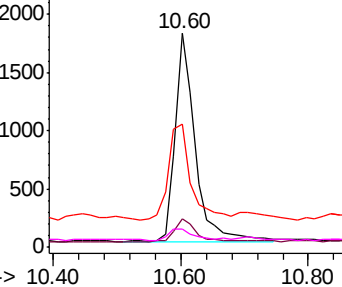


Abundance Ion 136.00 (135.70 to 136.70): E

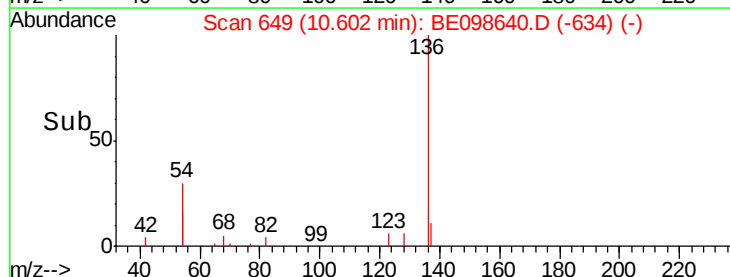
Ion 137.00 (136.70 to 137.70): E

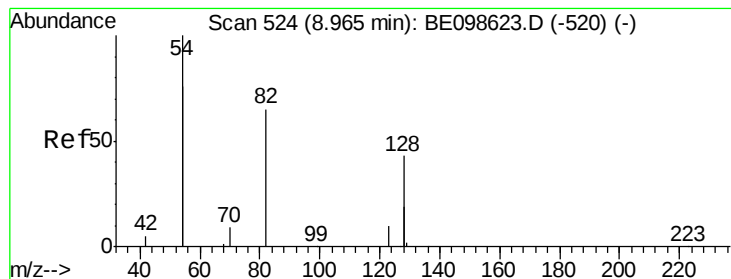
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.60 10.80





#8

Nitrobenzene-d5

Concen: 0.435 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

Instrument :

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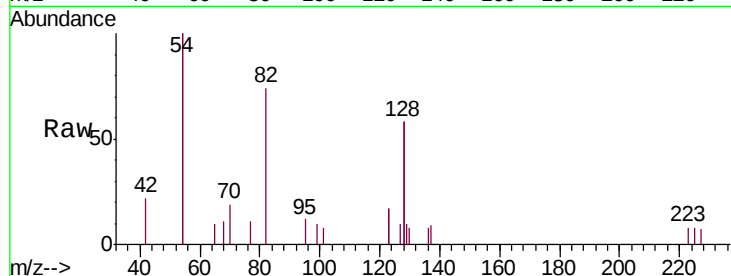
Tgt Ion: 82 Resp: 1347

Ion Ratio Lower Upper

82 100

128 158.9 96.5 144.7#

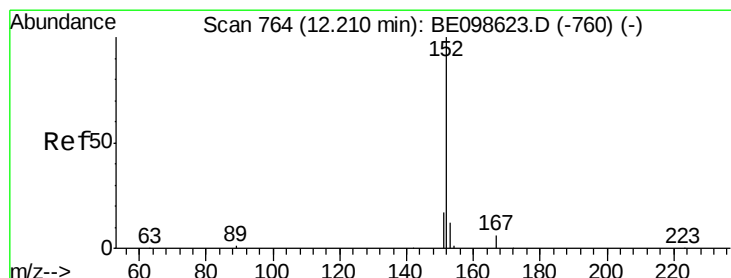
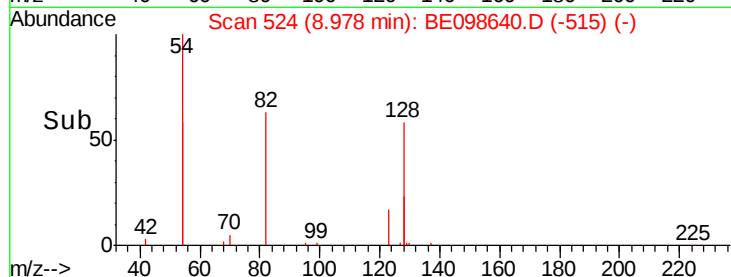
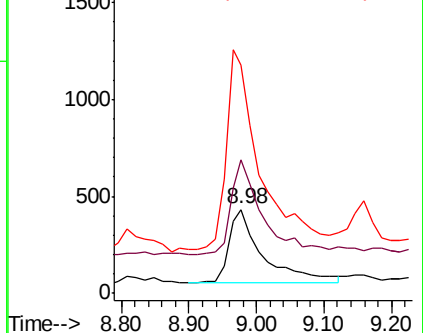
54 272.1 224.7 337.1



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.389 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098640.D

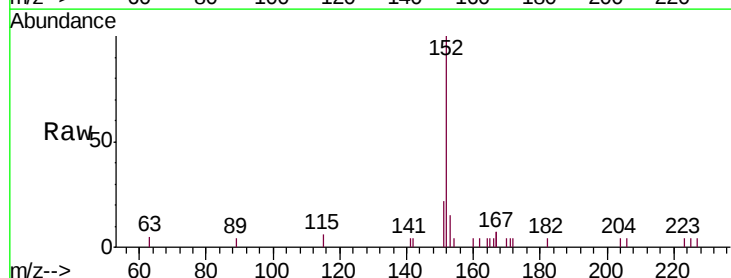
Acq: 16 Jan 2019 20:16

Tgt Ion: 152 Resp: 2503

Ion Ratio Lower Upper

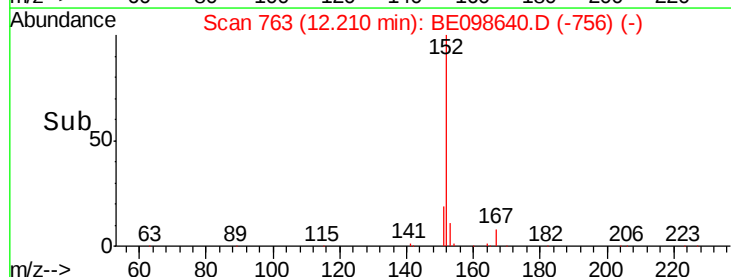
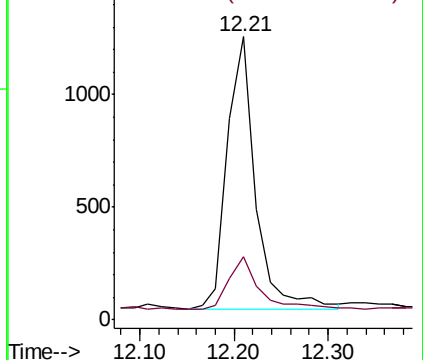
152 100

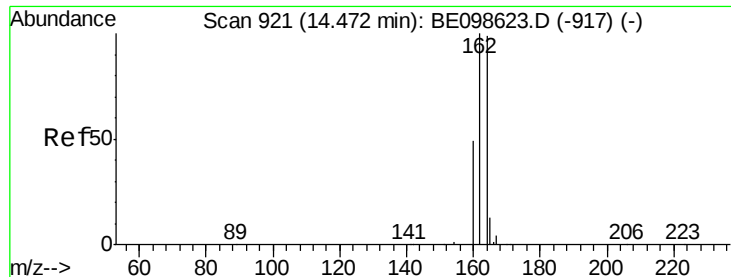
151 20.9 16.2 24.4



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: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

Instrument :

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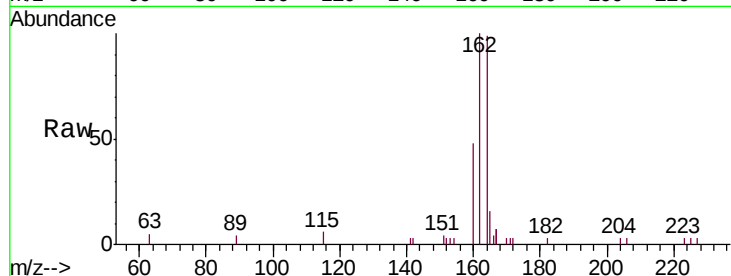
Tgt Ion:164 Resp: 2688

Ion Ratio Lower Upper

164 100

162 101.3 80.5 120.7

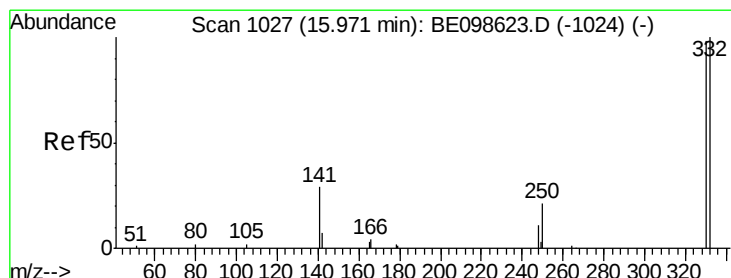
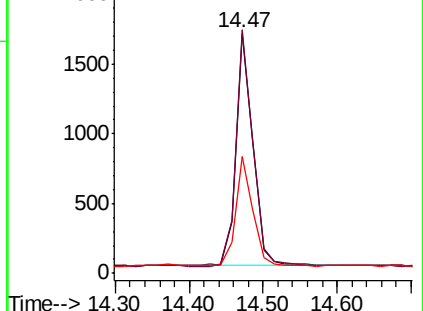
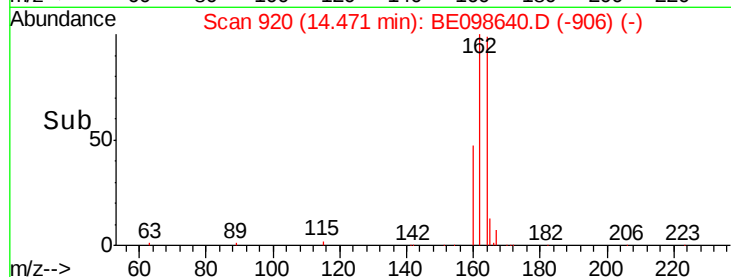
160 48.7 40.1 60.1



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: 0.443 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

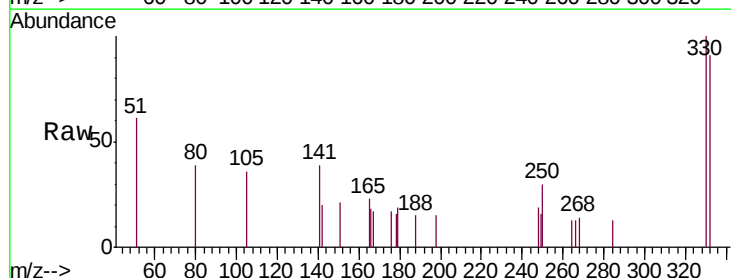
Tgt Ion:330 Resp: 518

Ion Ratio Lower Upper

330 100

332 93.1 73.3 109.9

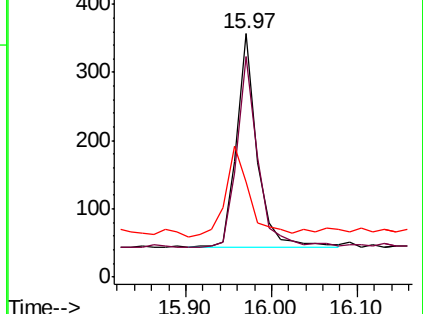
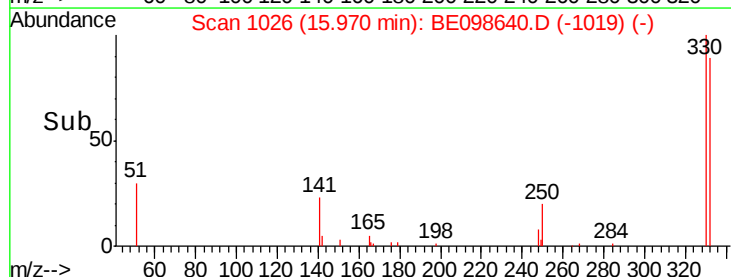
141 50.0 33.1 49.7#

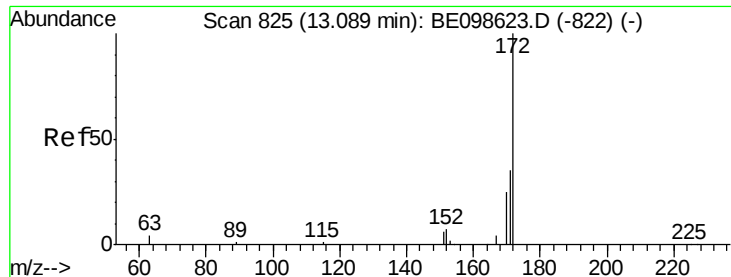


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

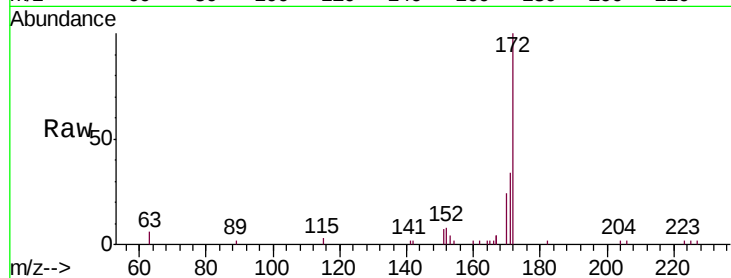




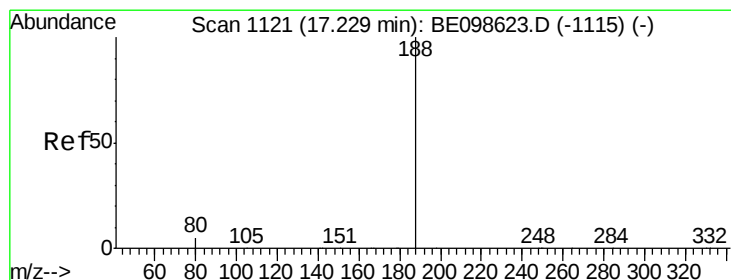
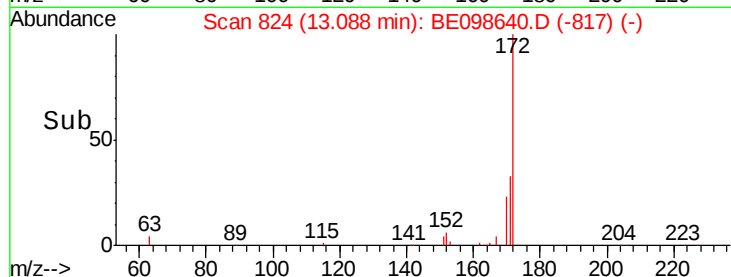
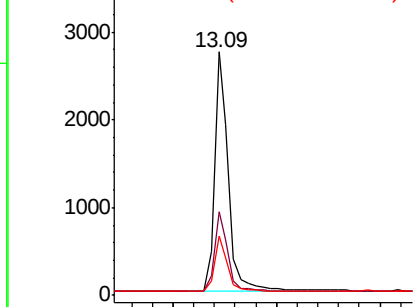
#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098640.D
Acq: 16 Jan 2019 20:16

Instrument :
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Tgt Ion:172 Resp: 5222
Ion Ratio Lower Upper
172 100
171 34.3 29.0 43.4
170 24.2 20.8 31.2

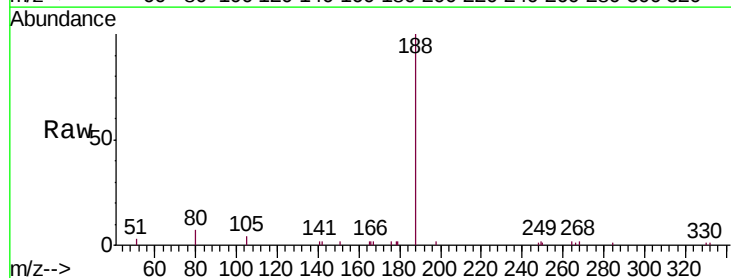


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

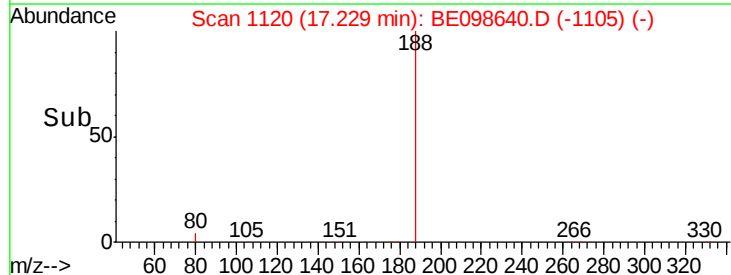
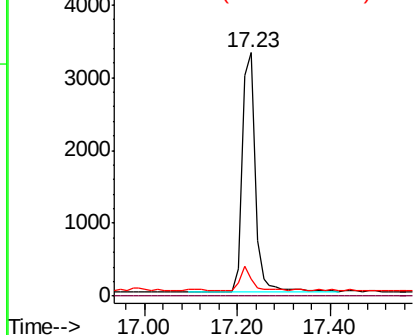


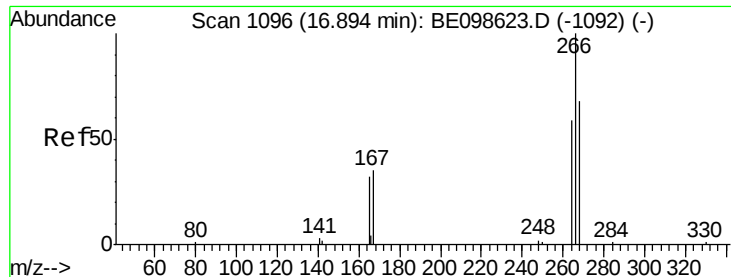
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098640.D
Acq: 16 Jan 2019 20:16

Tgt Ion:188 Resp: 6377
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 4.7 7.1



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: 0.253 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190114

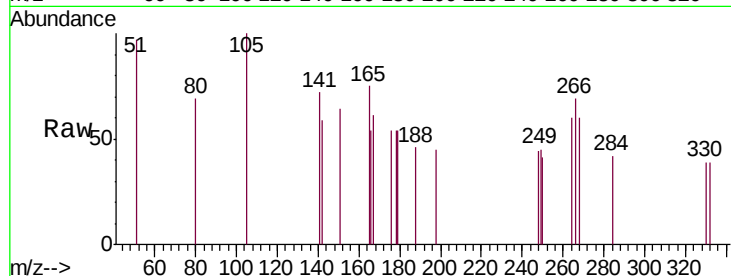
Tgt Ion:266 Resp: 83

Ion Ratio Lower Upper

266 100

264 86.1 53.7 80.5#

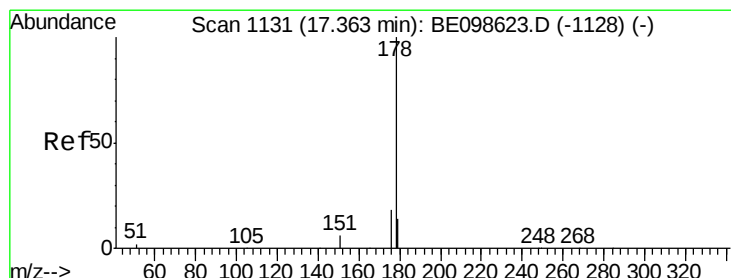
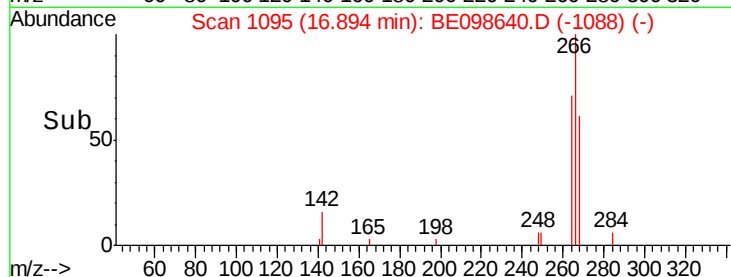
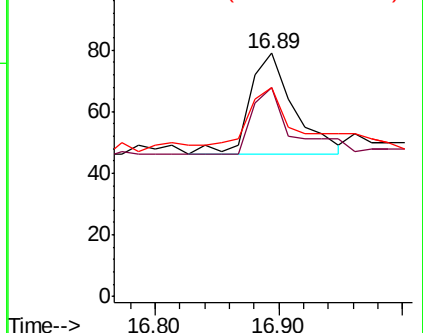
268 86.1 59.8 89.8



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



#24

Anthracene

Concen: 0.053 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

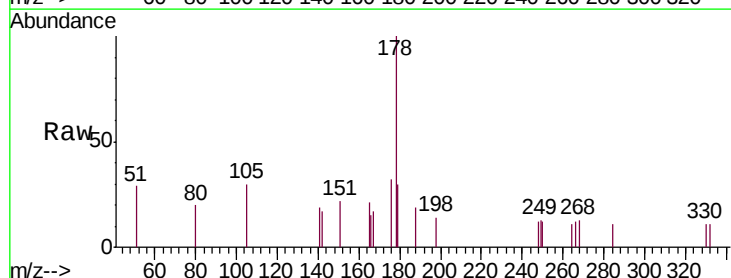
Tgt Ion:178 Resp: 687

Ion Ratio Lower Upper

178 100

176 25.2 14.9 22.3#

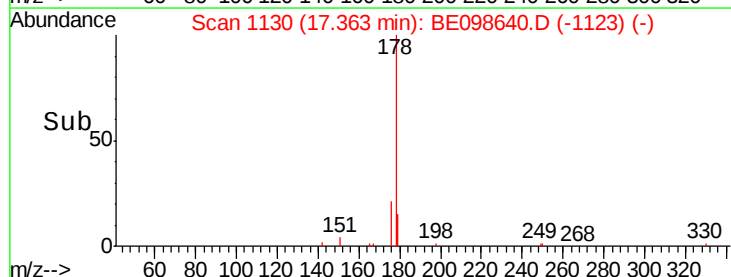
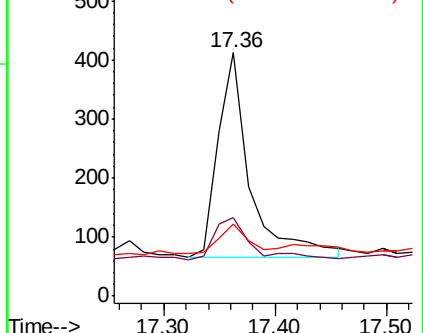
179 14.0 11.8 17.8

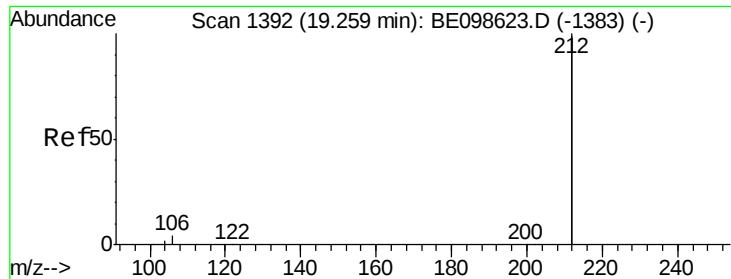


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

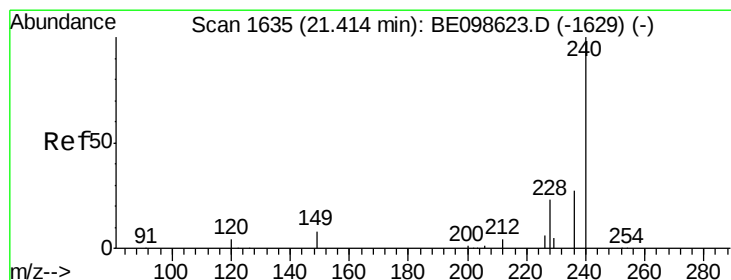
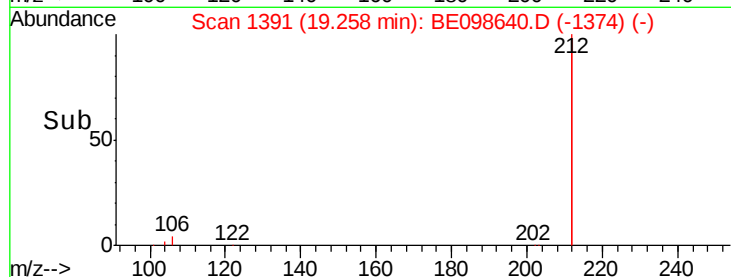
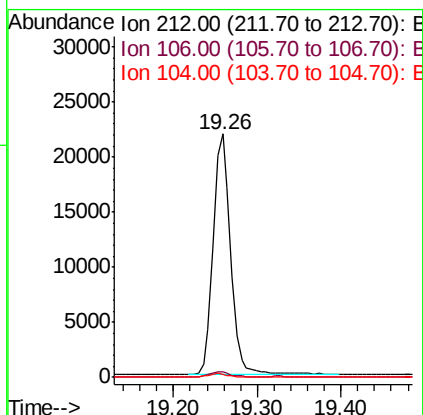
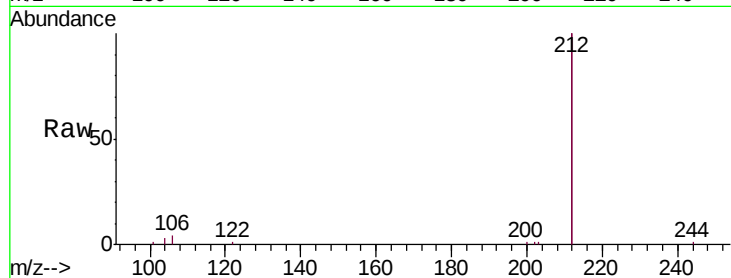




#25
 Fluoranthene-d10
 Concen: 0.405 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BE098640.D
 Acq: 16 Jan 2019 20:16

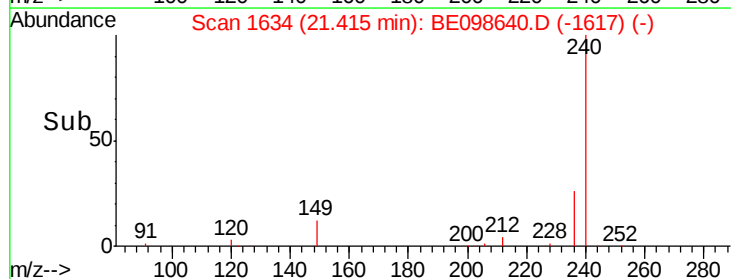
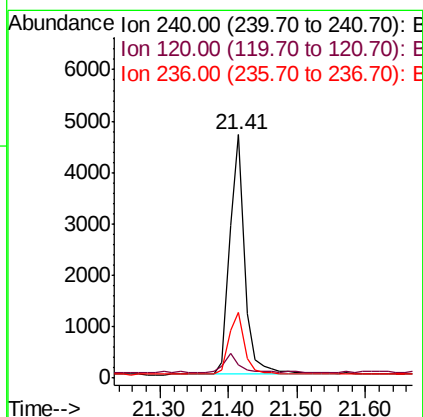
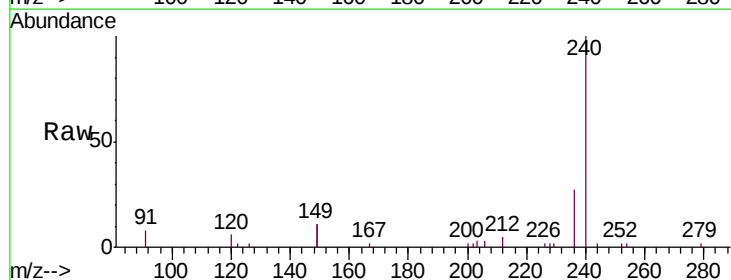
Instrument :
 BNA_E
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 KY038PS027-190114

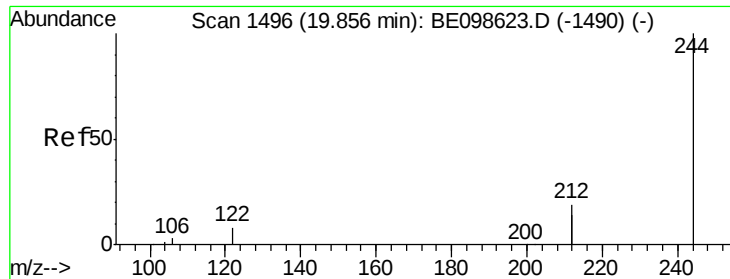
Tgt Ion:212 Resp: 31964
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.7 2.5
 104 1.2 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE098640.D
 Acq: 16 Jan 2019 20:16

Tgt Ion:240 Resp: 7173
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.7 7.1
 236 27.0 21.9 32.9





#29

Terphenyl-d14

Concen: 0.479 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190114

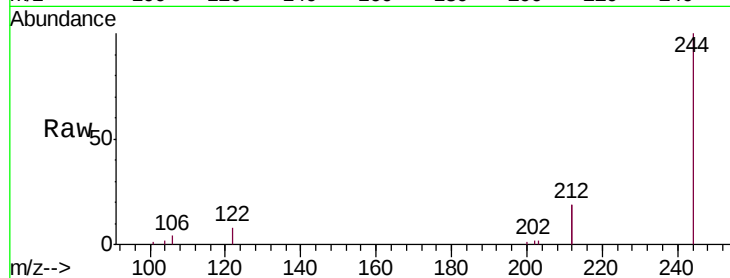
Tgt Ion:244 Resp: 7600

Ion Ratio Lower Upper

244 100

212 37.5 29.4 44.2

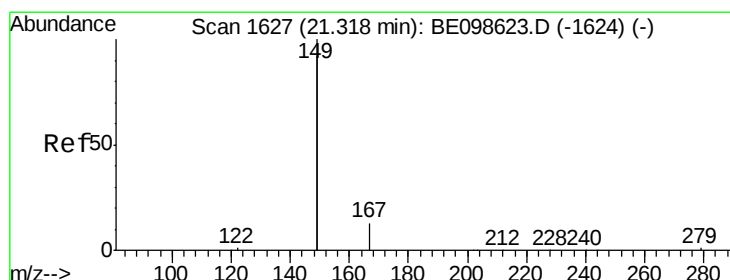
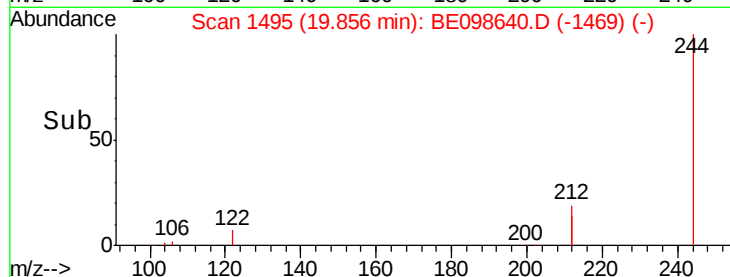
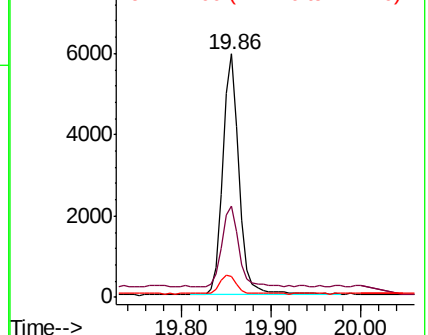
122 8.5 7.1 10.7



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: 0.118 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

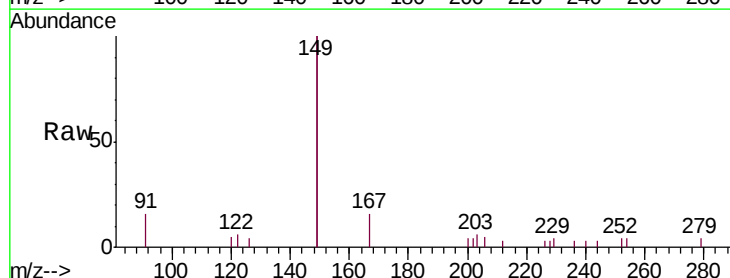
Tgt Ion:149 Resp: 4816

Ion Ratio Lower Upper

149 100

167 7.8 5.4 8.2

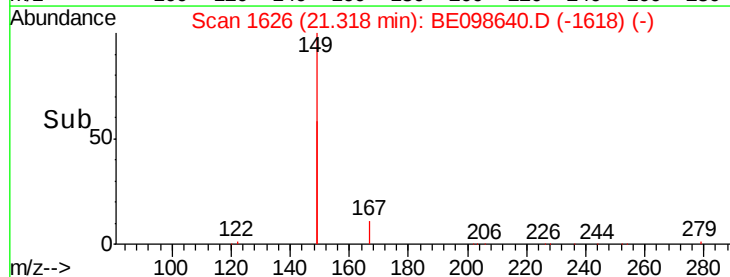
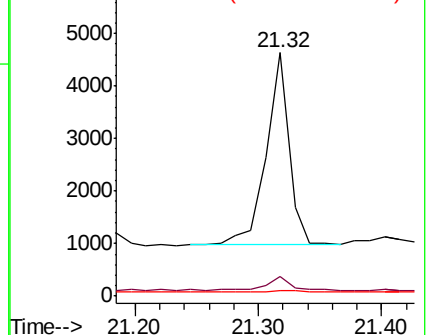
279 1.0 1.0 1.4

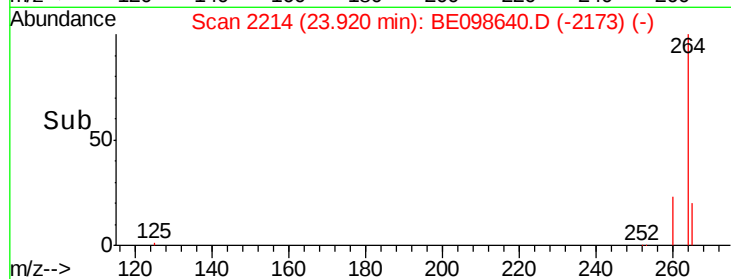
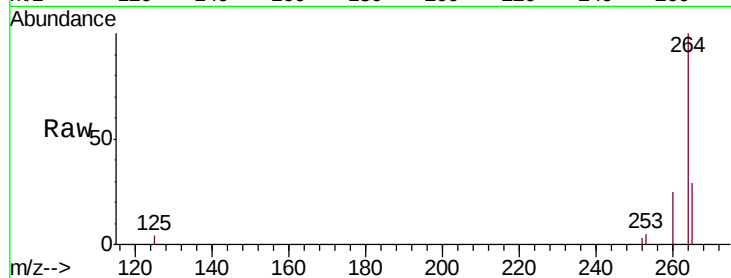
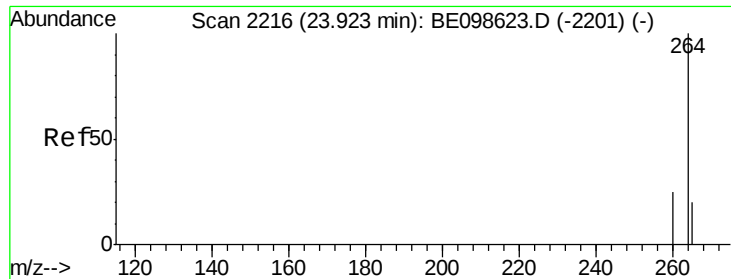


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BE098640.D

Acq: 16 Jan 2019 20:16

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190114

Tgt Ion: 264 Resp: 7144

Ion Ratio Lower Upper

264 100

260 25.0 20.5 30.7

265 28.8 22.3 33.5

