

Data File : BE098641.D
Acq On : 16 Jan 2019 20:52
Operator : SJ/JU
Sample : K1150-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS035-190114

Quant Time: Jan 17 00:17:29 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	7.81	152	976	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4198	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2784	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6907	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8090	0.40	ng	0.00
34) Perylene-d12	23.92	264	7537	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	405	0.16	ng	0.00
5) Phenol-d6	7.00	99	312	0.08	ng	0.00
8) Nitrobenzene-d5	8.98	82	1531	0.46	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2760	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	505	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4714	0.41	ng	0.00
25) Fluoranthene-d10	19.26	212	35661	0.42	ng	0.00
29) Terphenyl-d14	19.86	244	8499	0.47	ng	0.00

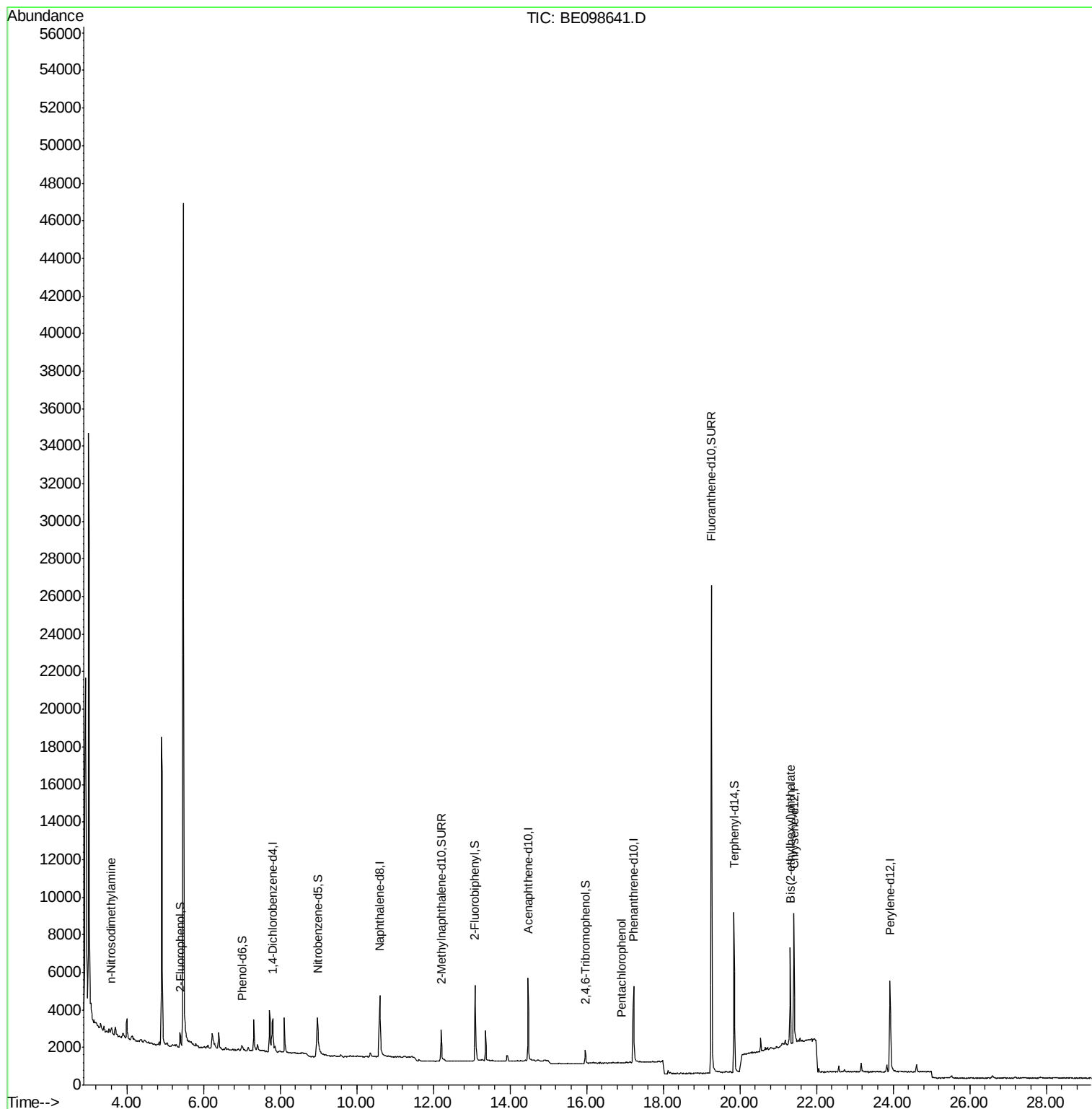
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.59	42	102	0.177	ng	# 24
22) Pentachlorophenol	16.92	266	23	0.216	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.32	149	6145	0.133	ng	100

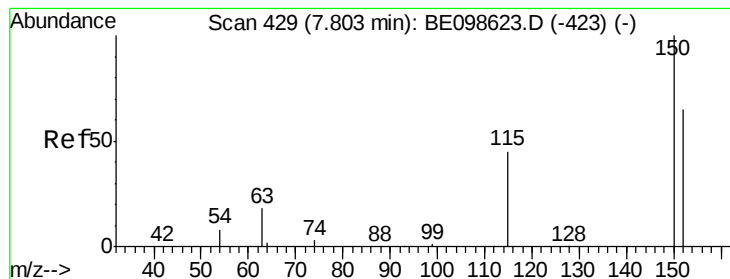
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

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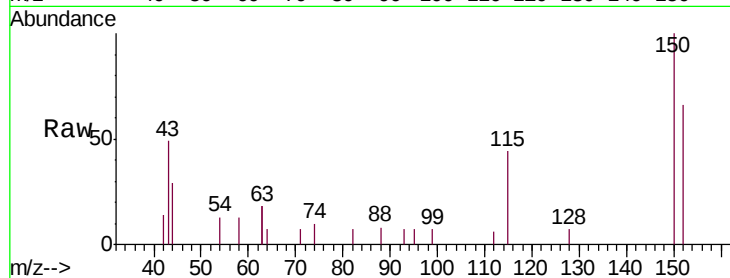
Tgt Ion:152 Resp: 976

Ion Ratio Lower Upper

152 100

150 151.0 121.4 182.2

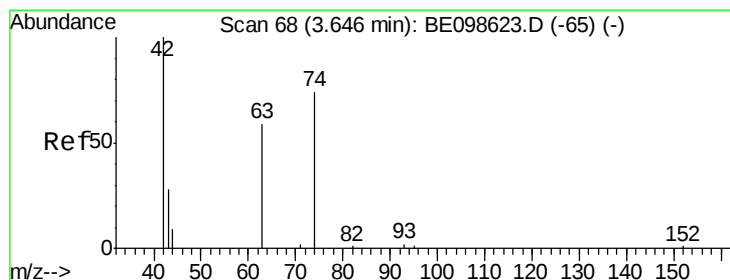
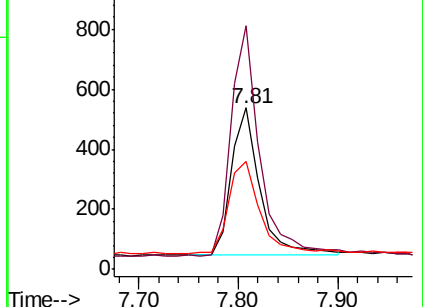
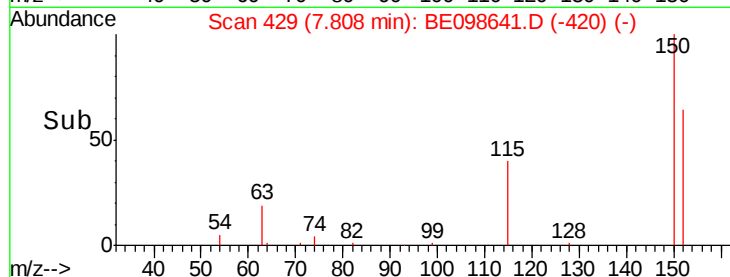
115 67.0 59.1 88.7



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



#3

n-Nitrosodimethylamine

Concen: 0.177 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.05 min

Lab File: BE098641.D

Acq: 16 Jan 2019 20:52

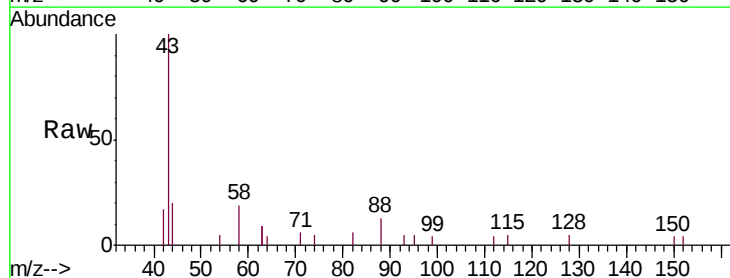
Tgt Ion: 42 Resp: 102

Ion Ratio Lower Upper

42 100

74 9.8 58.9 88.3#

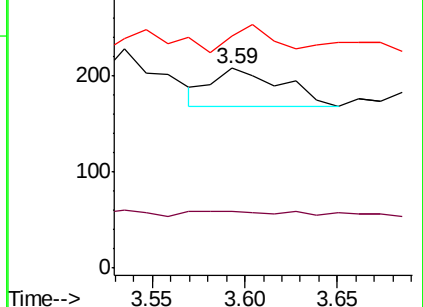
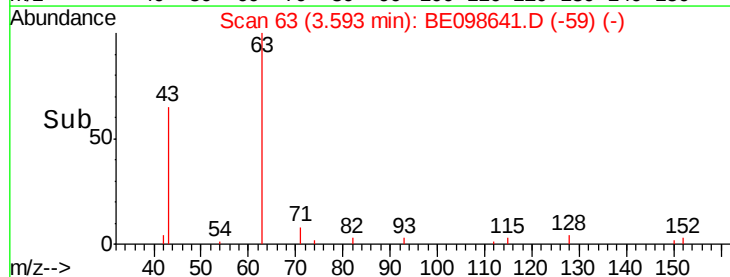
44 44.1 0.0 0.0#

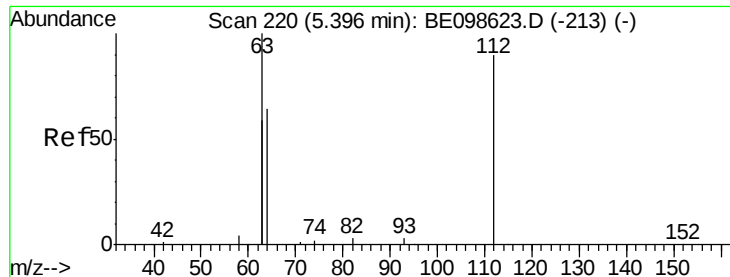


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

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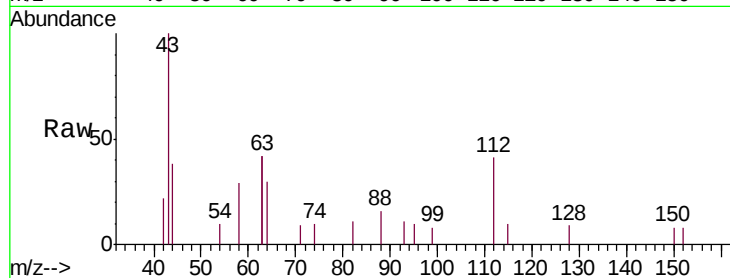
Tgt Ion: 112 Resp: 405

Ion Ratio Lower Upper

112 100

64 76.5 62.9 94.3

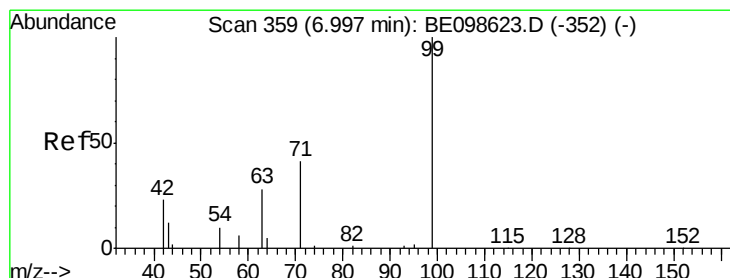
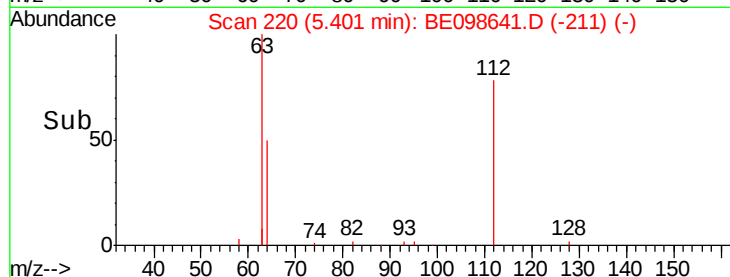
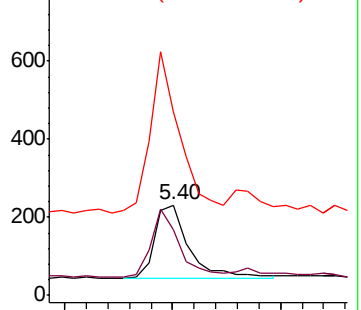
63 194.6 152.2 228.4



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: 0.084 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.00 min

Lab File: BE098641.D

Acq: 16 Jan 2019 20:52

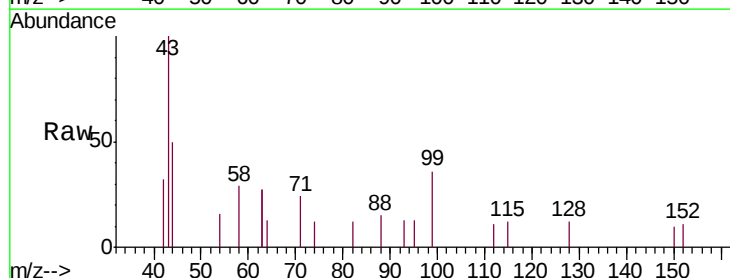
Tgt Ion: 99 Resp: 312

Ion Ratio Lower Upper

99 100

42 43.3 24.6 37.0#

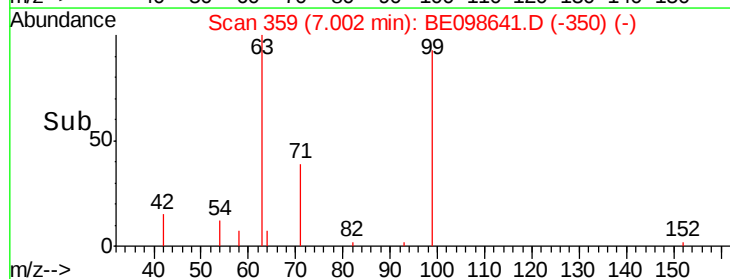
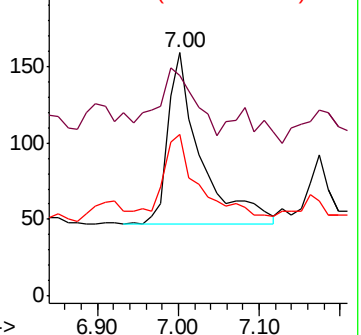
71 49.0 35.1 52.7

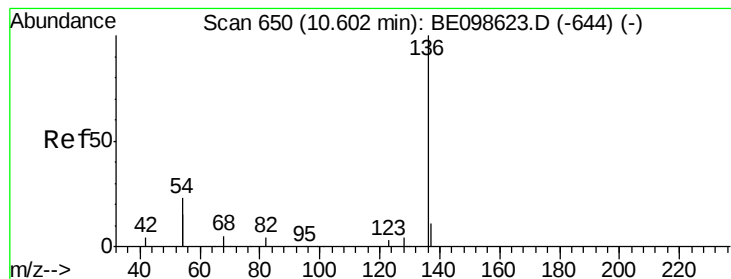


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

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Acq: 16 Jan 2019 20:52

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Tgt Ion:136 Resp: 4198

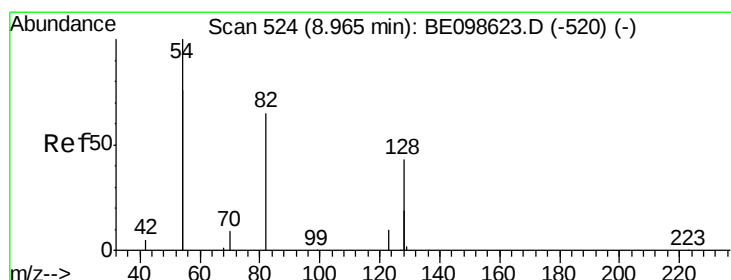
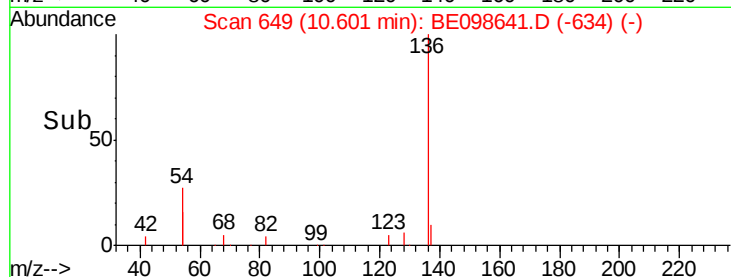
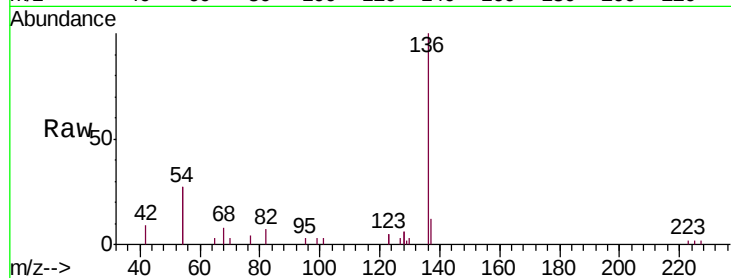
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 53.1 35.5 53.3

68 7.7 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 0.460 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098641.D

Acq: 16 Jan 2019 20:52

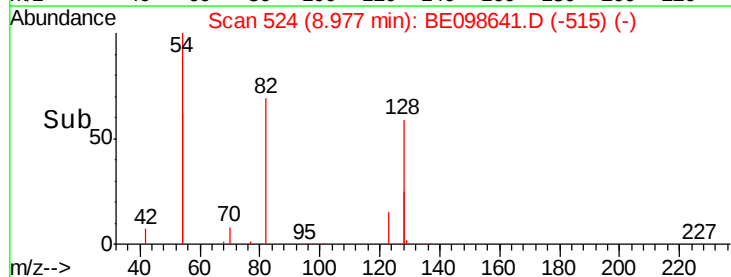
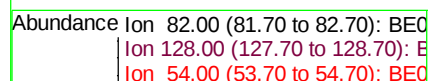
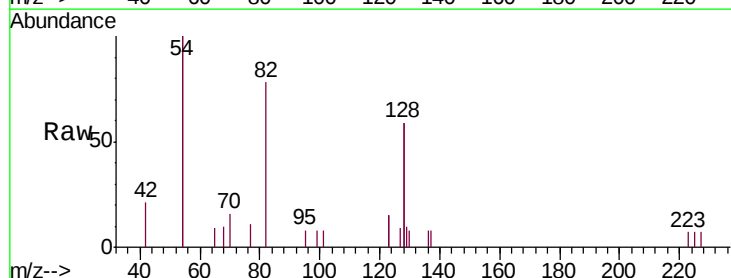
Tgt Ion: 82 Resp: 1531

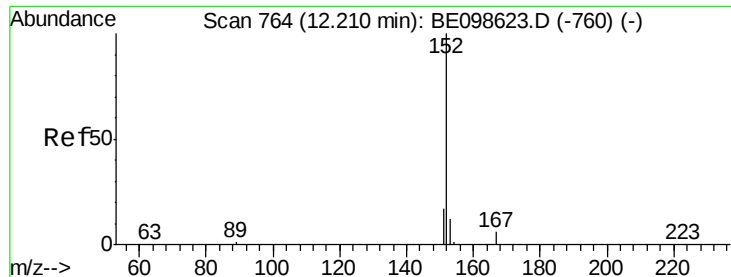
Ion Ratio Lower Upper

82 100

128 152.7 96.5 144.7#

54 257.7 224.7 337.1

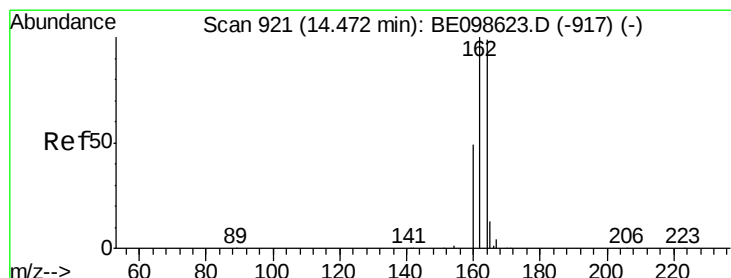
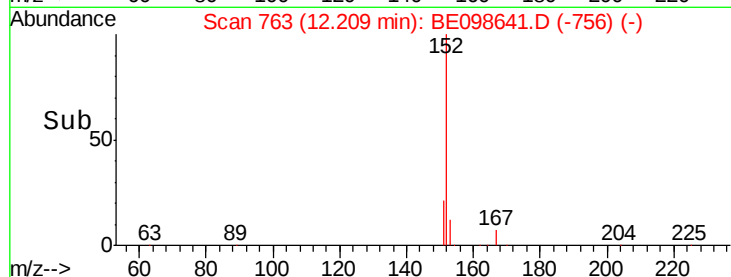
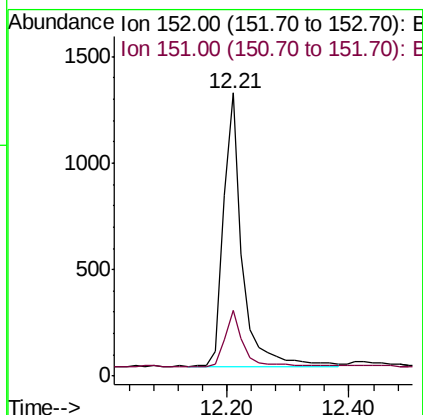
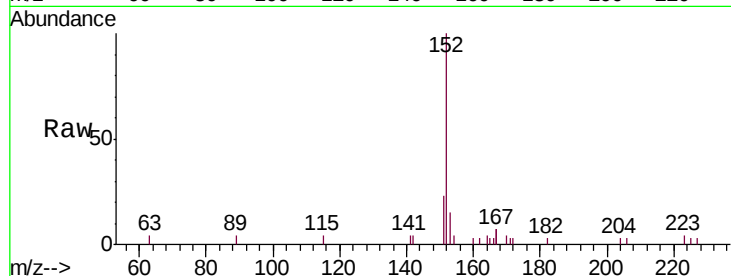




#11
 2-Methylnaphthalene-d10
 Concen: 0.400 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098641.D
 Acq: 16 Jan 2019 20:52

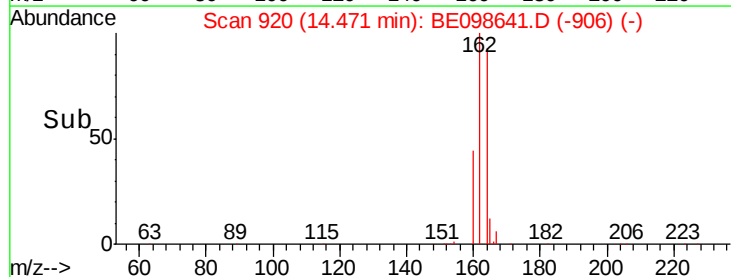
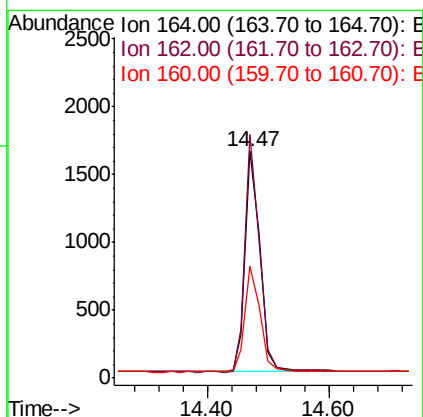
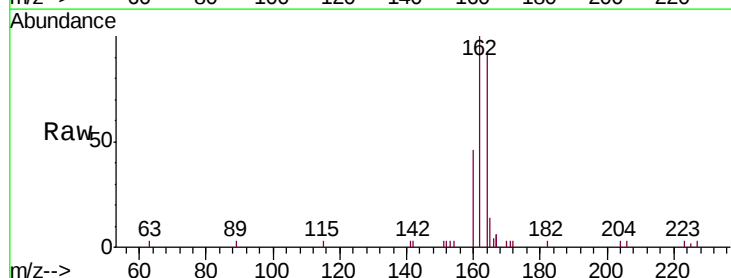
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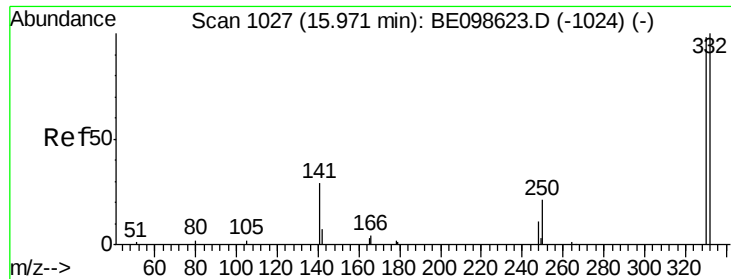
Tgt Ion:152 Resp: 2760
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE098641.D
 Acq: 16 Jan 2019 20:52

Tgt Ion:164 Resp: 2784
 Ion Ratio Lower Upper
 164 100
 162 107.4 80.5 120.7
 160 49.3 40.1 60.1

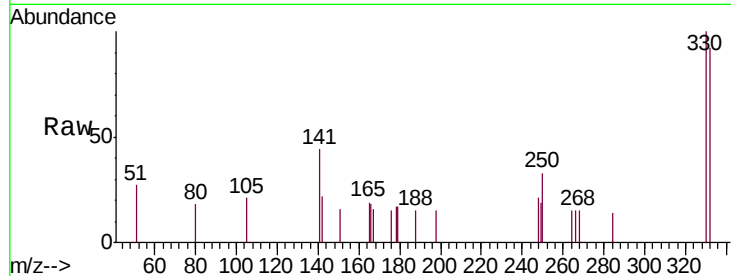




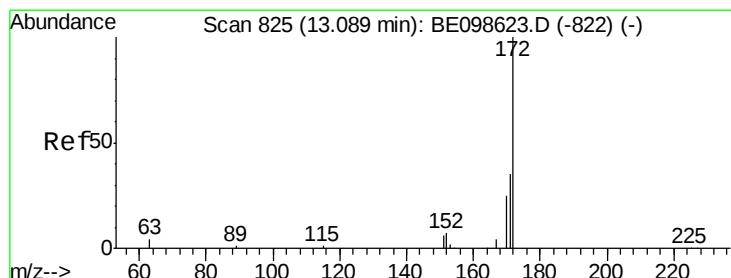
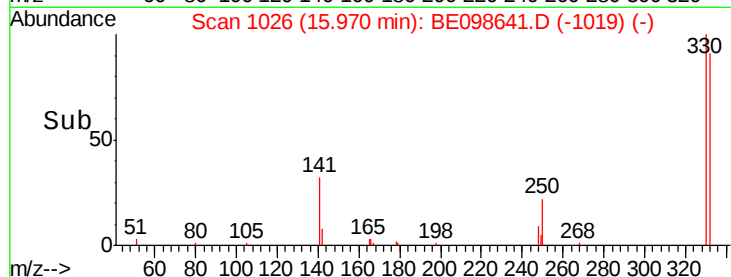
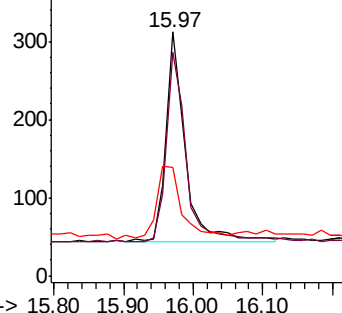
#14
 2,4,6-Tribromophenol
 Concen: 0.417 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098641.D
 Acq: 16 Jan 2019 20:52

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-190114

Tgt Ion:330 Resp: 505
 Ion Ratio Lower Upper
 330 100
 332 95.4 73.3 109.9
 141 43.6 33.1 49.7

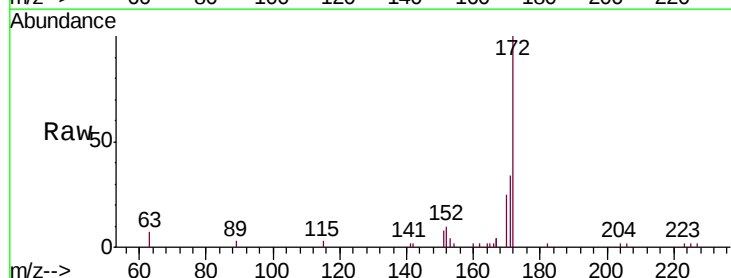


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

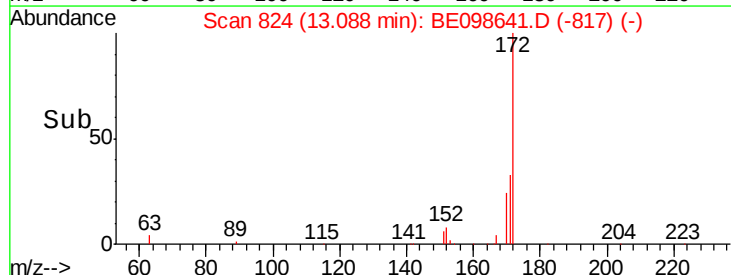
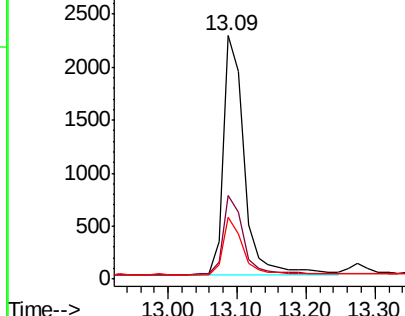


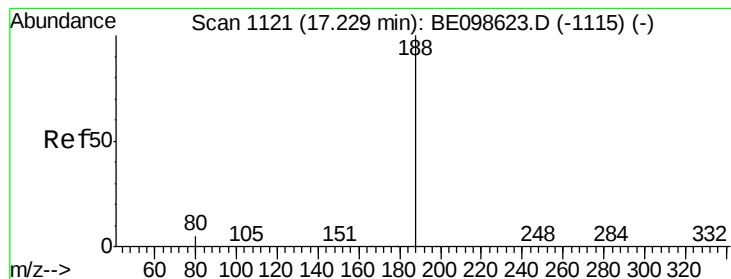
#15
 2-Fluorobiphenyl
 Concen: 0.413 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098641.D
 Acq: 16 Jan 2019 20:52

Tgt Ion:172 Resp: 4714
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.0 43.4
 170 25.3 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

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Instrument :

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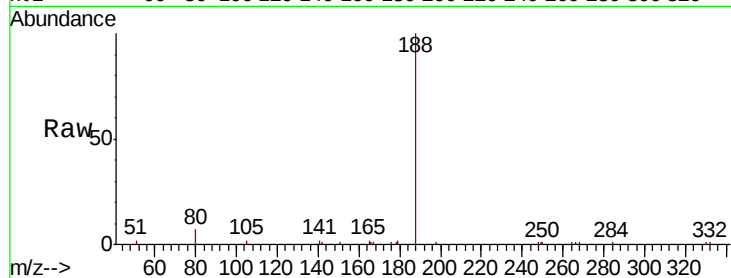
Tgt Ion:188 Resp: 6907

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

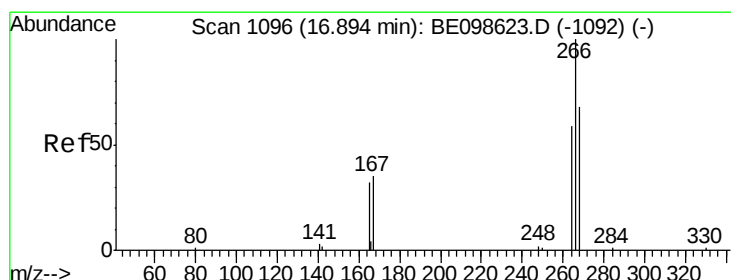
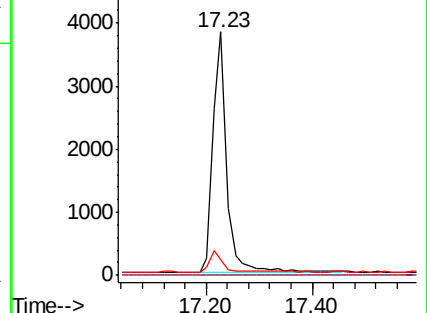
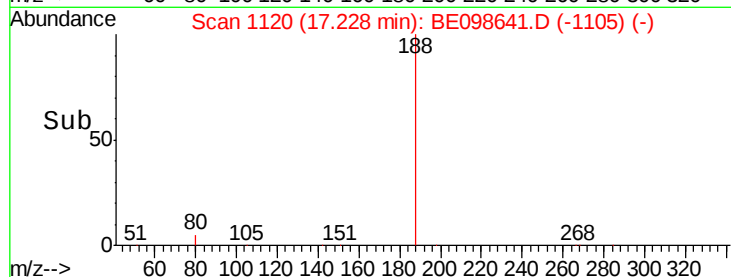
80 6.7 4.7 7.1



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: 0.216 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098641.D

Acq: 16 Jan 2019 20:52

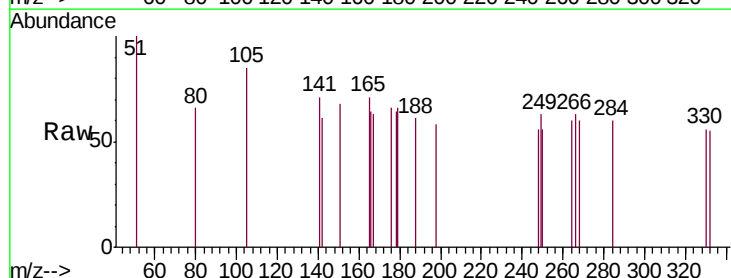
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 96.0 53.7 80.5#

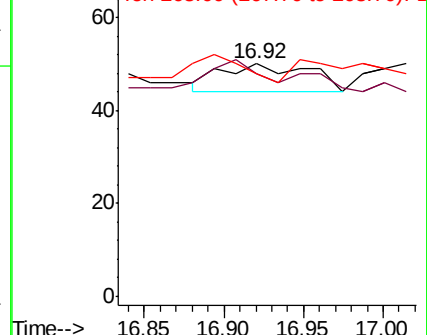
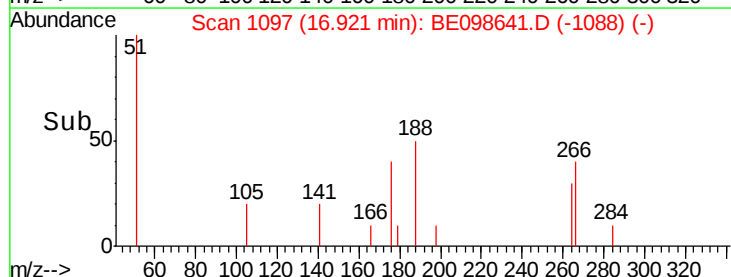
268 96.0 59.8 89.8#

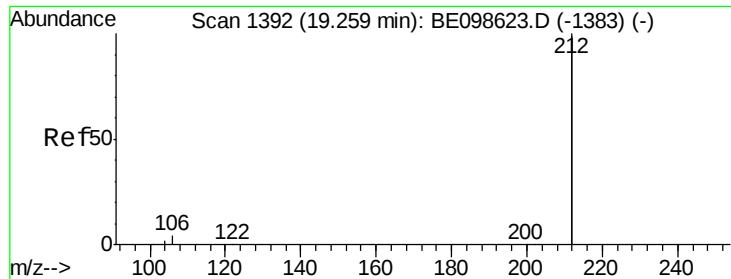


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

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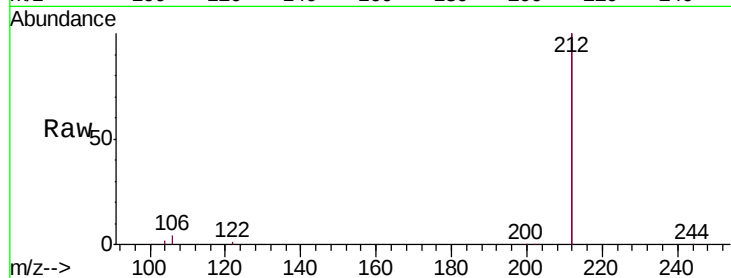
Tgt Ion:212 Resp: 35661

Ion Ratio Lower Upper

212 100

106 2.0 1.7 2.5

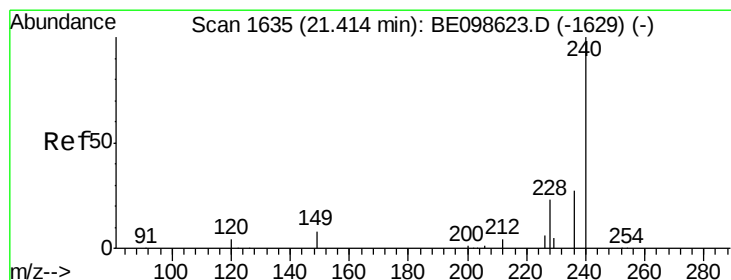
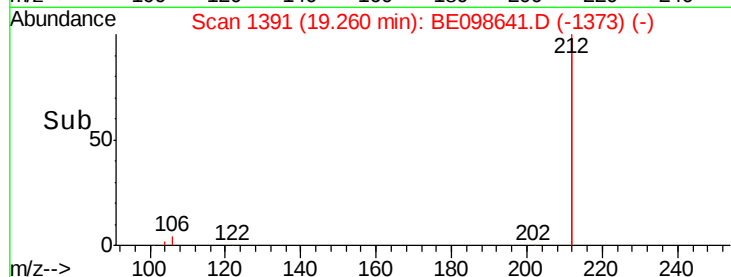
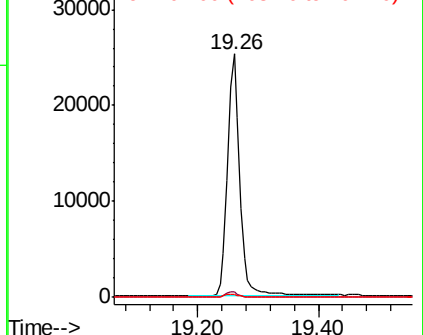
104 1.2 1.0 1.6



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: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098641.D

Acq: 16 Jan 2019 20:52

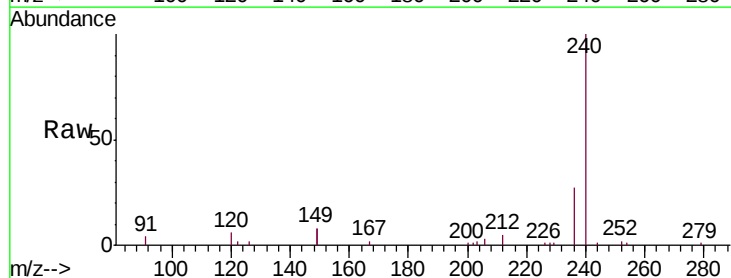
Tgt Ion:240 Resp: 8090

Ion Ratio Lower Upper

240 100

120 5.5 4.7 7.1

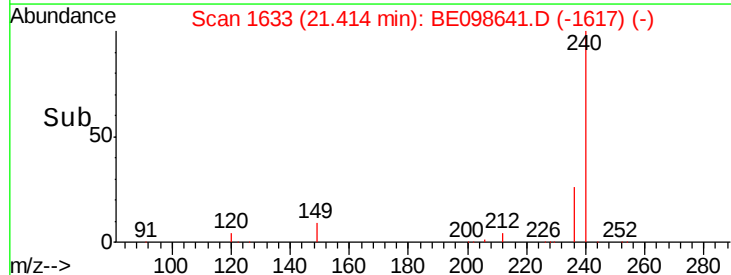
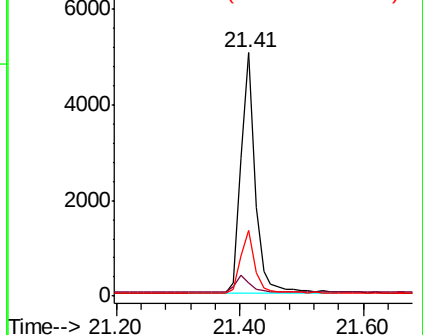
236 26.8 21.9 32.9

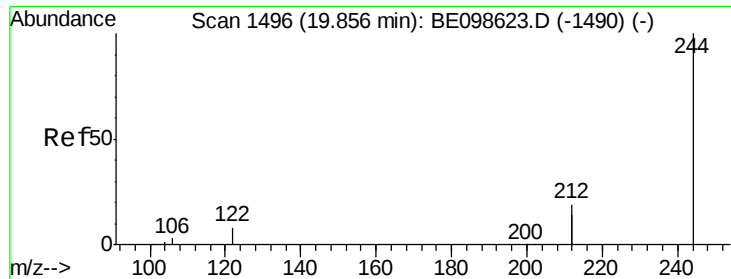


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.475 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098641.D

Acq: 16 Jan 2019 20:52

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190114

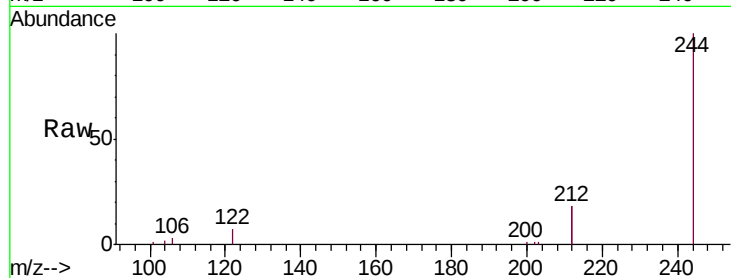
Tgt Ion:244 Resp: 8499

Ion Ratio Lower Upper

244 100

212 35.4 29.4 44.2

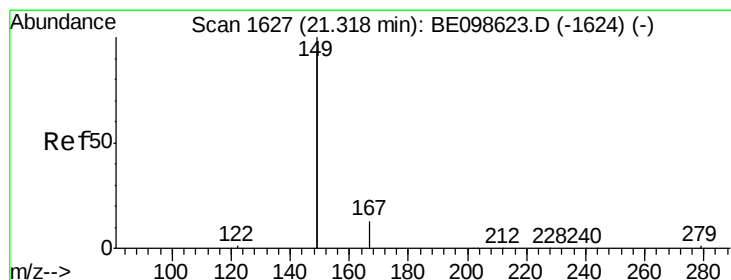
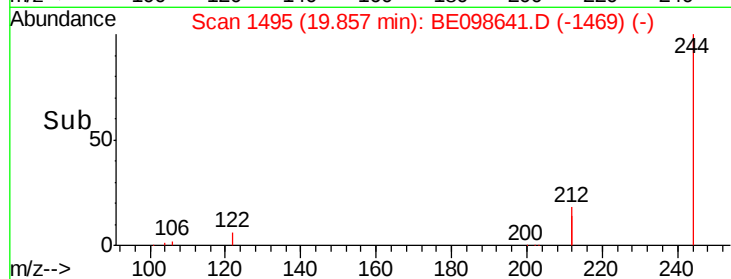
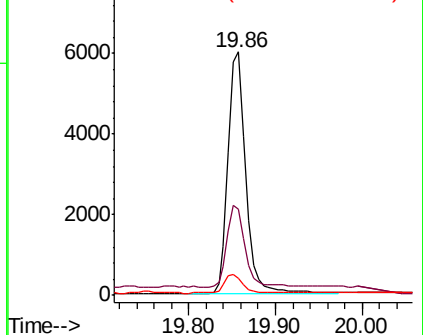
122 6.9 7.1 10.7#



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: 0.133 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098641.D

Acq: 16 Jan 2019 20:52

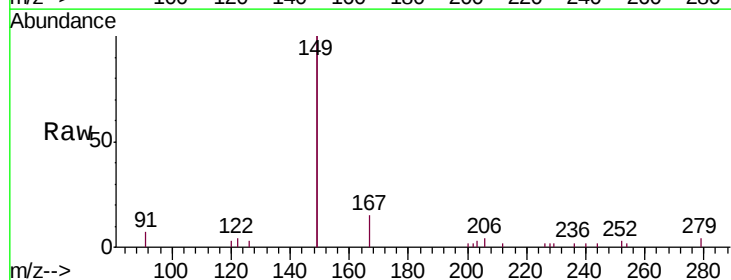
Tgt Ion:149 Resp: 6145

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.2

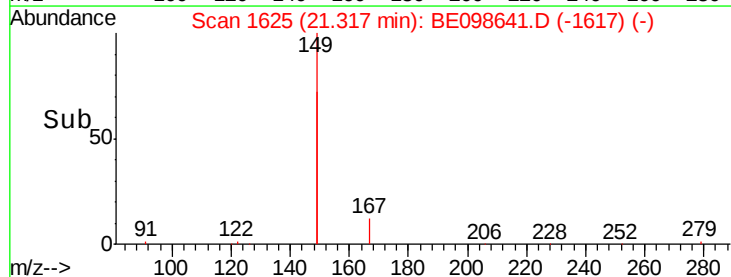
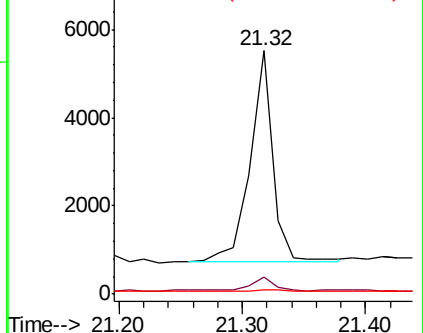
279 1.2 1.0 1.4

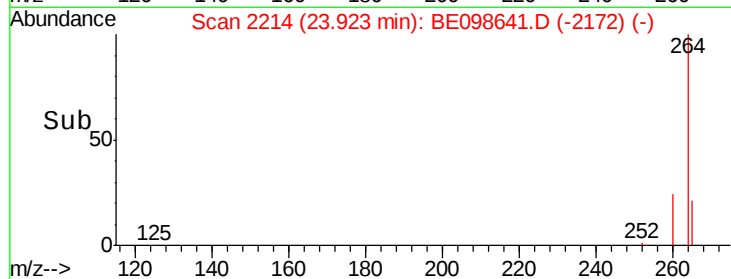
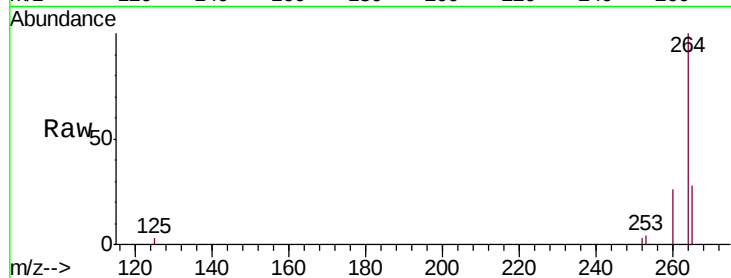
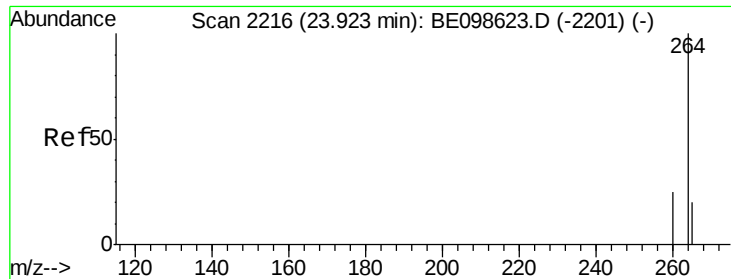


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098641.D

Acq: 16 Jan 2019 20:52

Instrument :

BNA_E

ClientSampleId :

KY038PS035-190114

Tgt Ion: 264 Resp: 7537

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 27.7 22.3 33.5

