

Data File : BE098642.D
Acq On : 16 Jan 2019 21:28
Operator : SJ/JU
Sample : K1150-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS036-190114

Quant Time: Jan 17 00:17:46 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	922	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3738	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2522	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6186	0.40	ng	0.00
27) Chrysene-d12	21.41	240	7144	0.40	ng	0.00
34) Perylene-d12	23.92	264	7040	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	441	0.18	ng	0.00
5) Phenol-d6	6.99	99	368	0.11	ng	0.00
8) Nitrobenzene-d5	8.98	82	1347	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2478	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	476	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4046	0.39	ng	0.01
25) Fluoranthene-d10	19.26	212	32575	0.43	ng	0.00
29) Terphenyl-d14	19.86	244	7498	0.47	ng	0.00

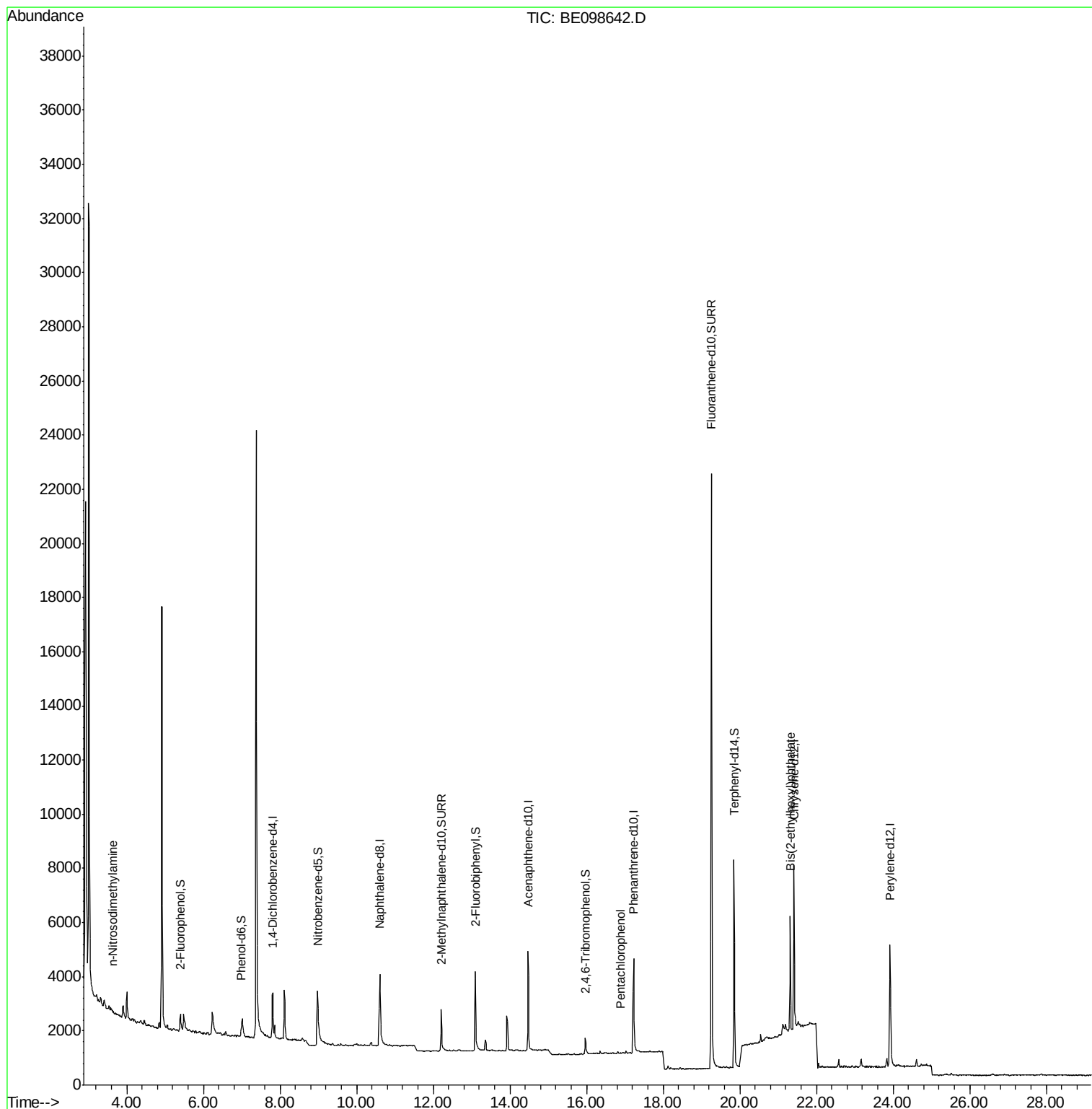
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.63	42	31	0.143	ng	# 13
22) Pentachlorophenol	16.88	266	3	0.206	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.32	149	5006	0.123	ng	# 99

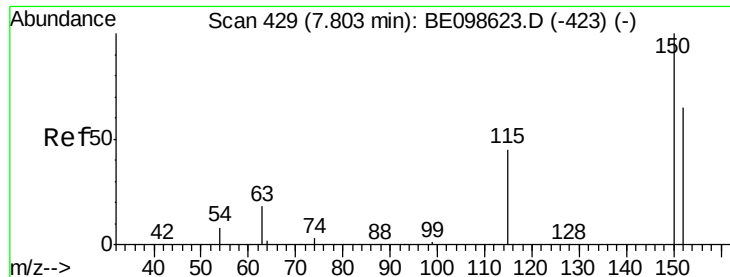
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.00 min

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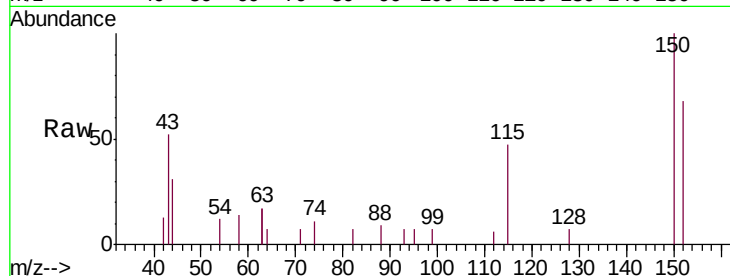
Tgt Ion: 152 Resp: 922

Ion Ratio Lower Upper

152 100

150 146.8 121.4 182.2

115 68.5 59.1 88.7

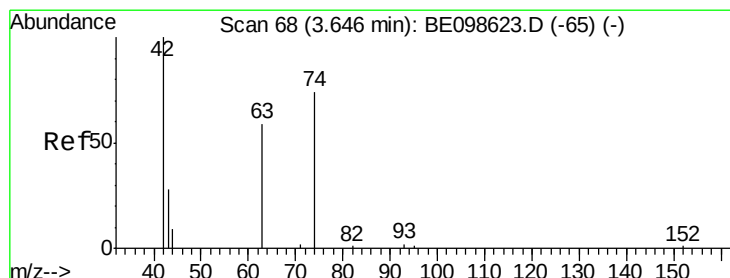
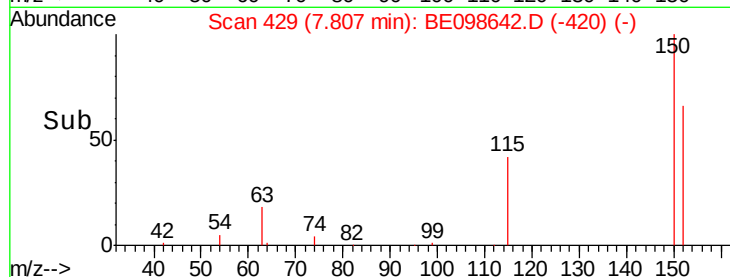
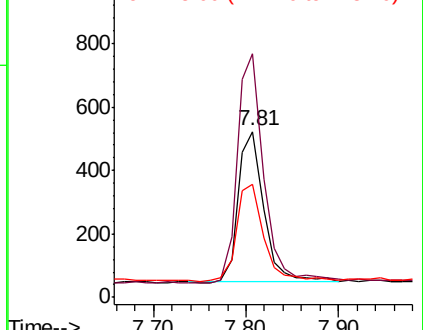


Abundance

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: 0.143 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE098642.D

Acq: 16 Jan 2019 21:28

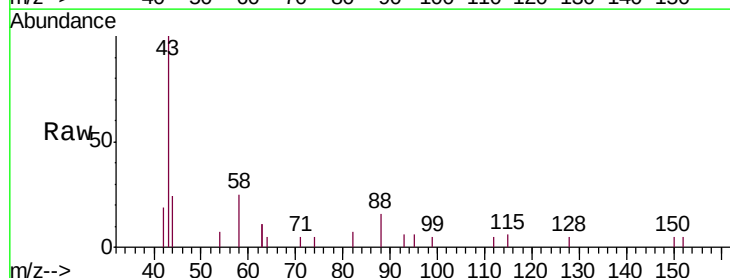
Tgt Ion: 42 Resp: 31

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

44 0.0 0.0 0.0

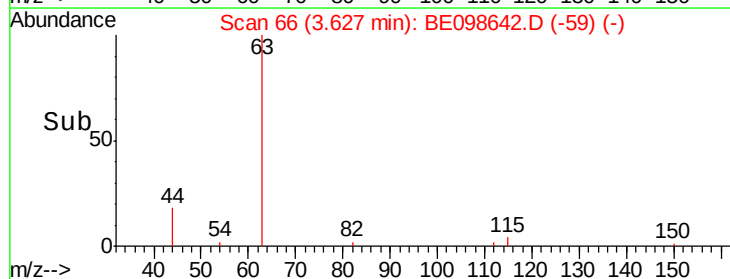
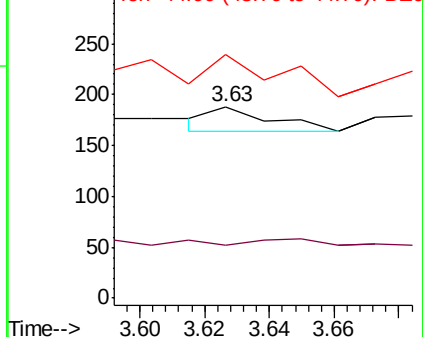


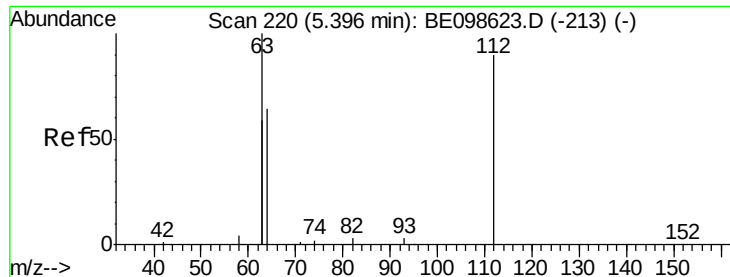
Abundance

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: 0.179 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

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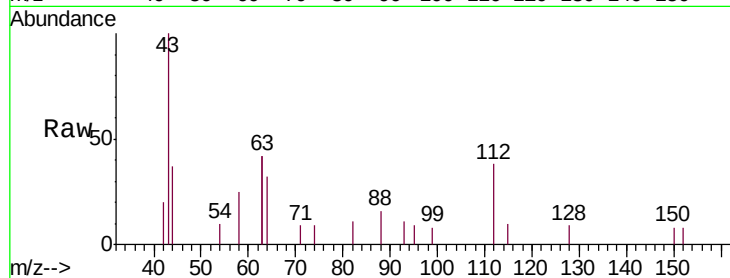
Tgt Ion: 112 Resp: 441

Ion Ratio Lower Upper

112 100

64 76.0 62.9 94.3

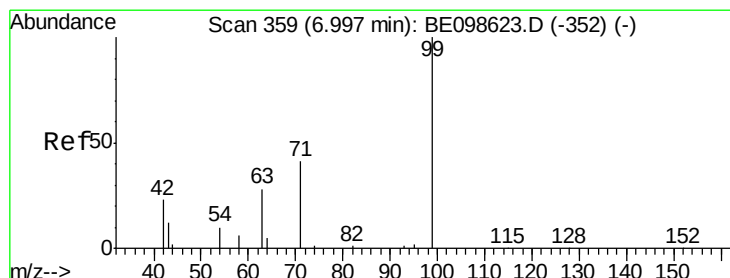
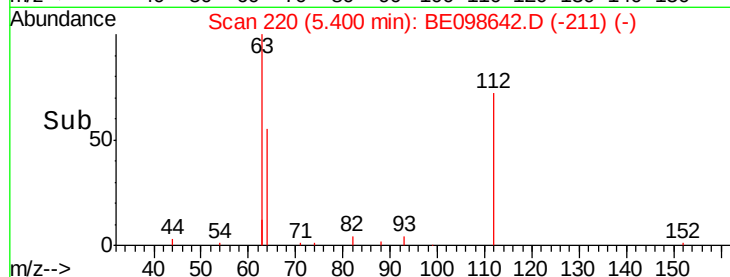
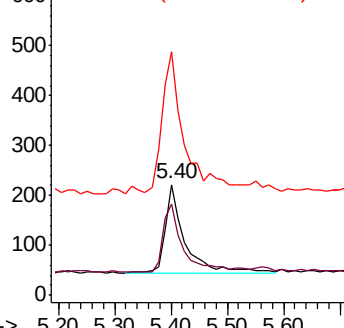
63 178.5 152.2 228.4



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: 0.105 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.01 min

Lab File: BE098642.D

Acq: 16 Jan 2019 21:28

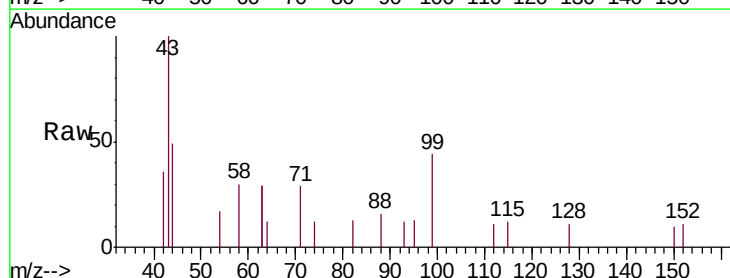
Tgt Ion: 99 Resp: 368

Ion Ratio Lower Upper

99 100

42 49.2 24.6 37.0#

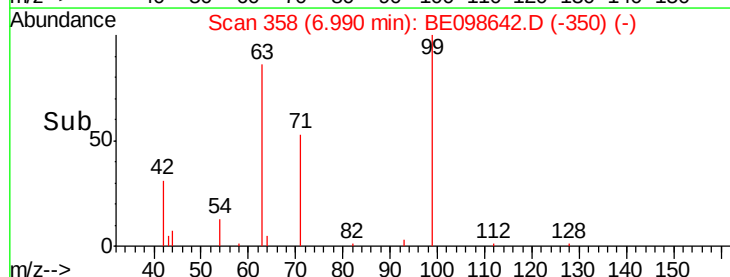
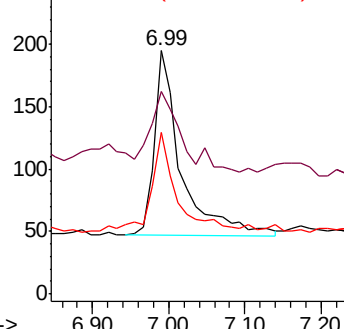
71 46.7 35.1 52.7

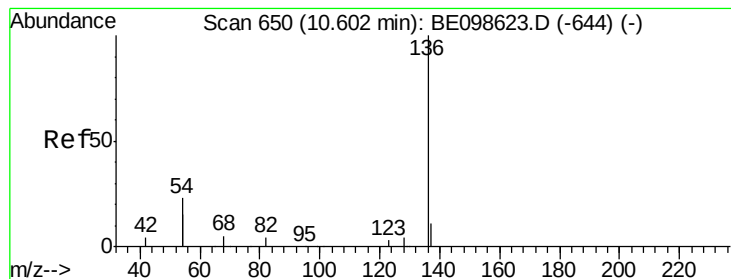


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098642.D

Acq: 16 Jan 2019 21:28

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190114

Tgt Ion: 136 Resp: 3738

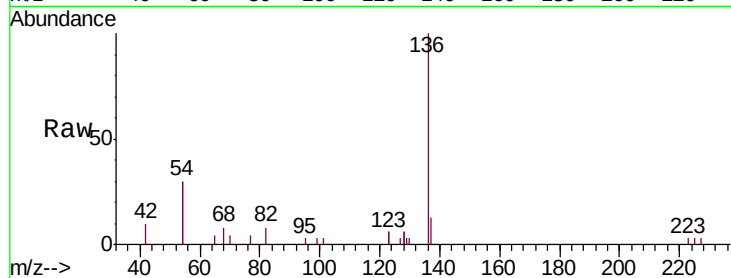
Ion Ratio Lower Upper

136 100

137 13.1 9.7 14.5

54 60.1 35.5 53.3#

68 8.2 5.0 7.6#

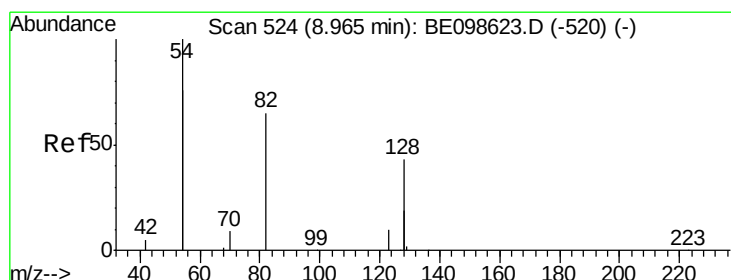
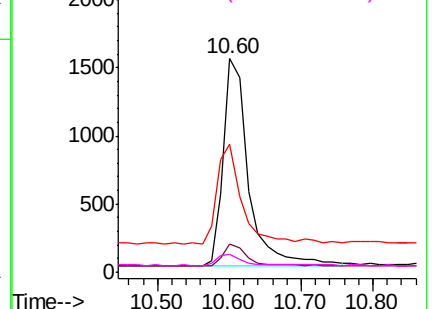
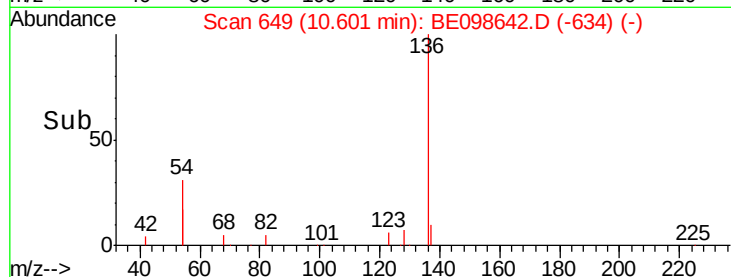


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.454 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098642.D

Acq: 16 Jan 2019 21:28

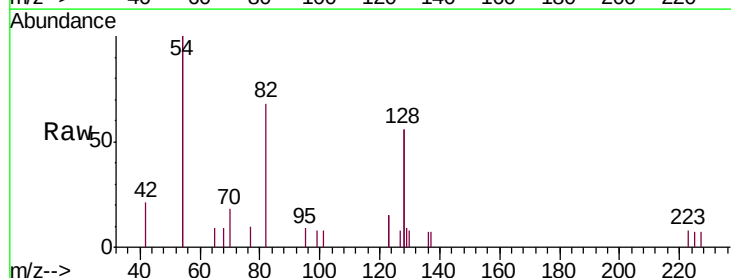
Tgt Ion: 82 Resp: 1347

Ion Ratio Lower Upper

82 100

128 165.1 96.5 144.7#

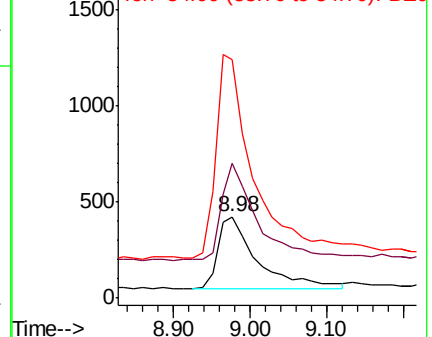
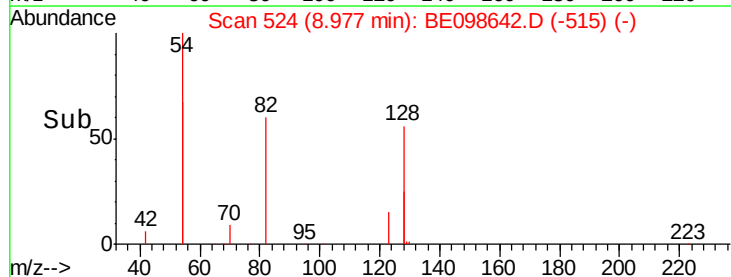
54 292.9 224.7 337.1

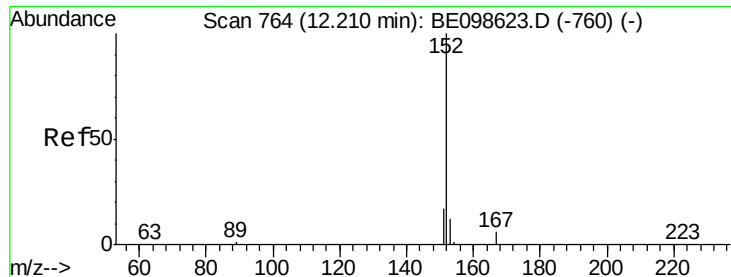


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

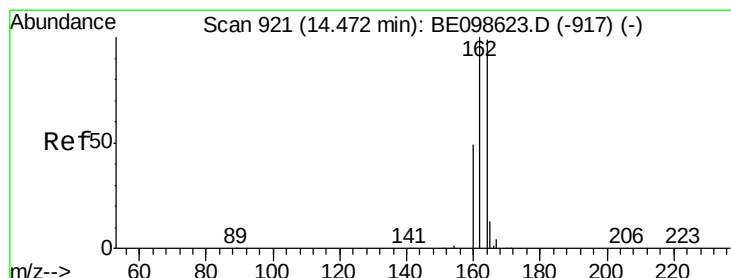
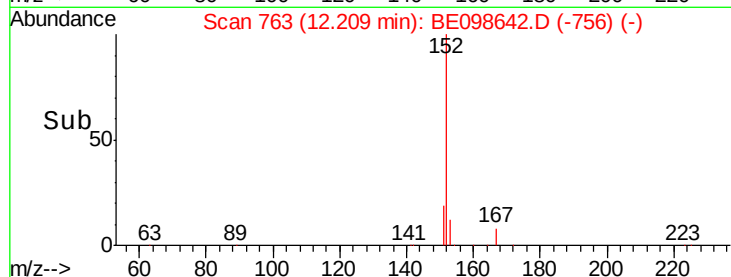
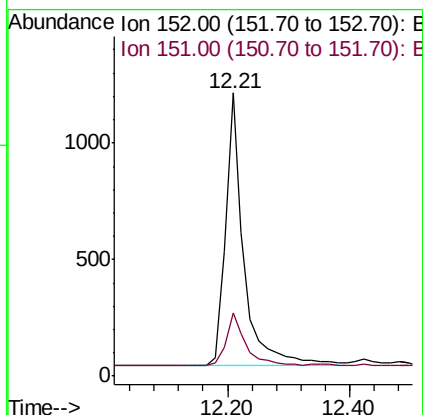
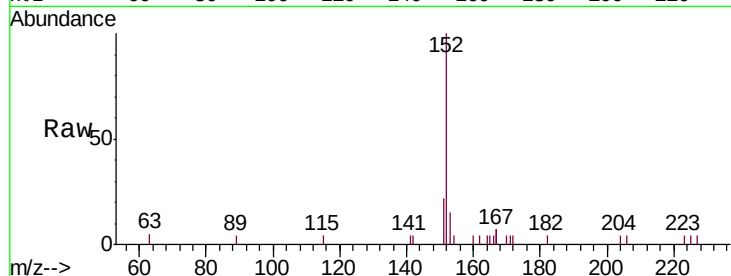




#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098642.D
 Acq: 16 Jan 2019 21:28

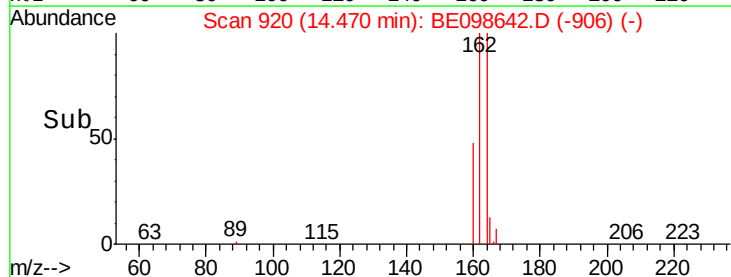
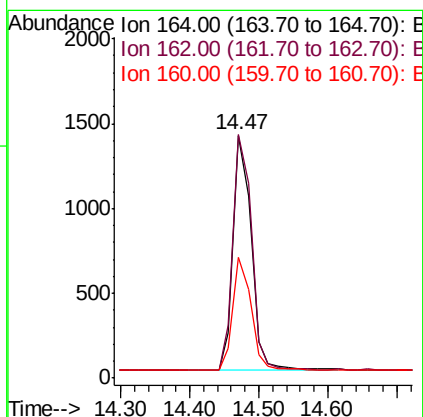
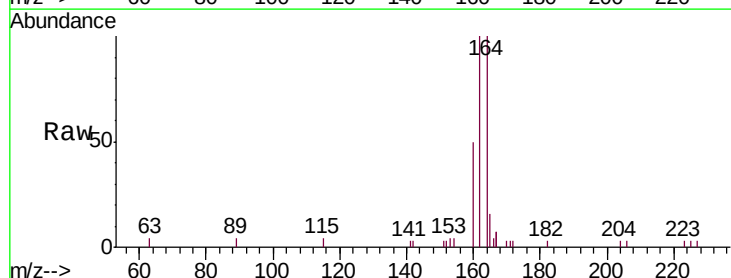
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190114

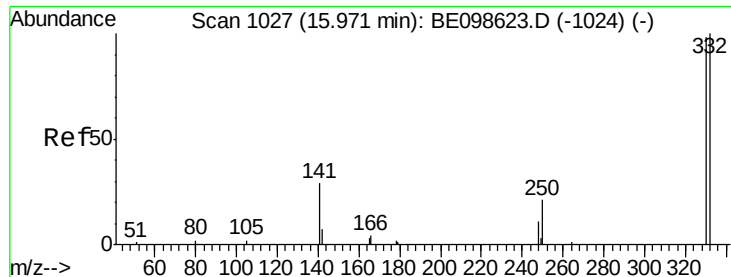
Tgt Ion:152 Resp: 2478
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE098642.D
 Acq: 16 Jan 2019 21:28

Tgt Ion:164 Resp: 2522
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.5 120.7
 160 49.9 40.1 60.1

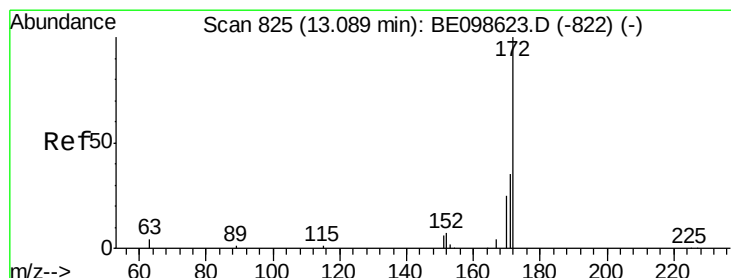
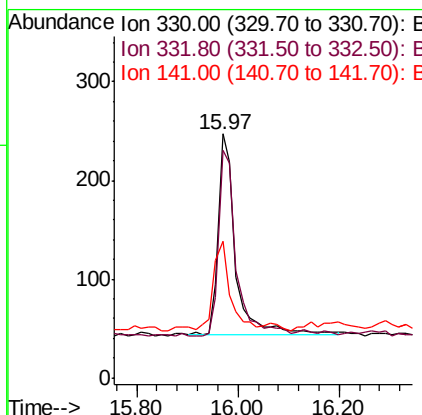
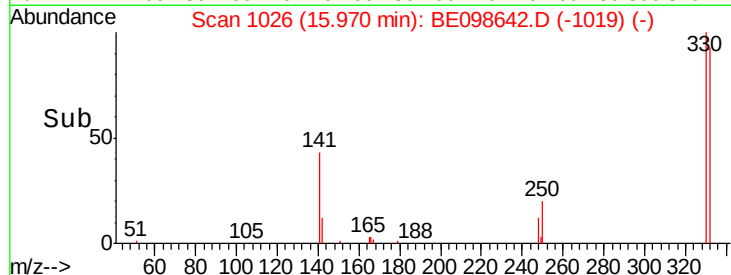
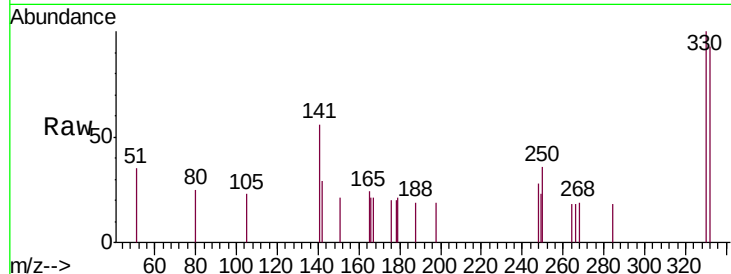




#14
 2,4,6-Tribromophenol
 Concen: 0.434 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098642.D
 Acq: 16 Jan 2019 21:28

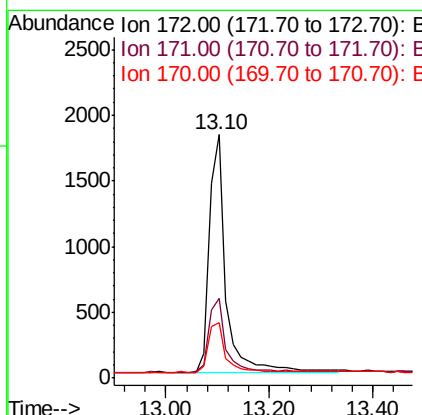
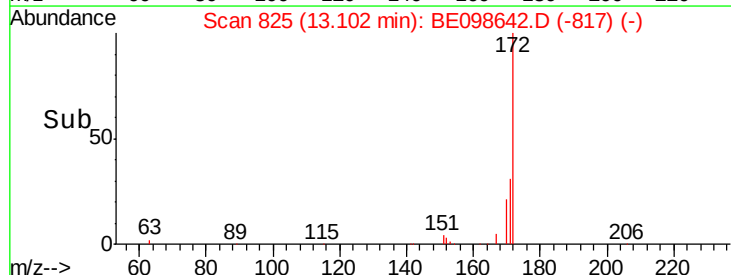
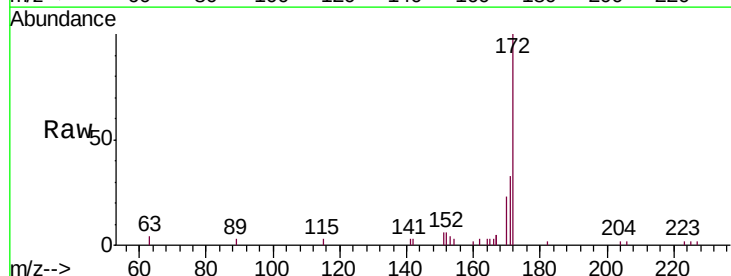
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-190114

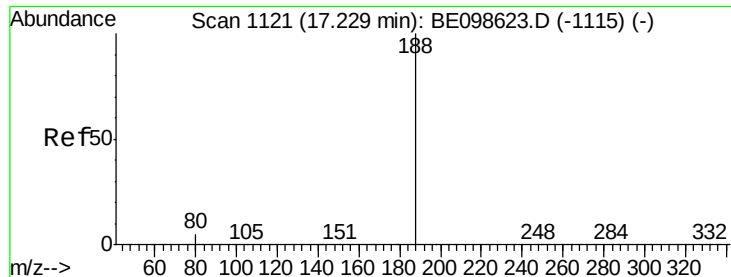
Tgt Ion:	330	Resp:	476
Ion	Ratio	Lower	Upper
330	100		
332	95.2	73.3	109.9
141	42.0	33.1	49.7



#15
 2-Fluorobiphenyl
 Concen: 0.392 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098642.D
 Acq: 16 Jan 2019 21:28

Tgt Ion:	172	Resp:	4046
Ion	Ratio	Lower	Upper
172	100		
171	32.8	29.0	43.4
170	22.8	20.8	31.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098642.D

Acq: 16 Jan 2019 21:28

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190114

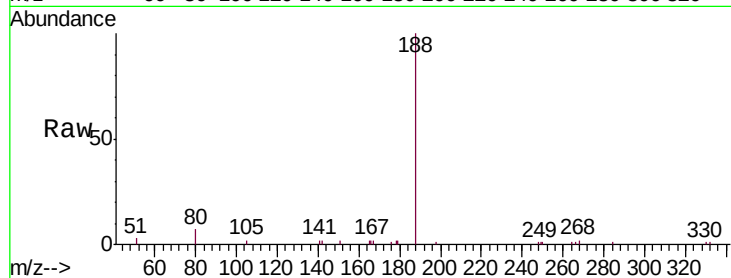
Tgt Ion:188 Resp: 6186

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

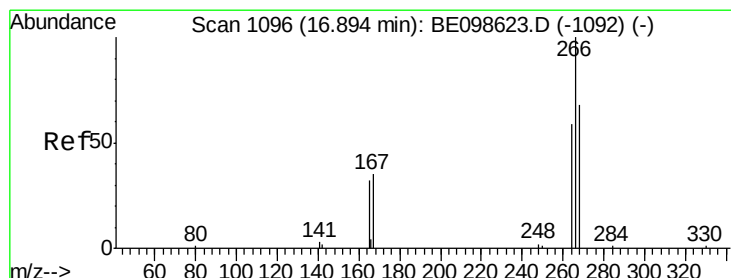
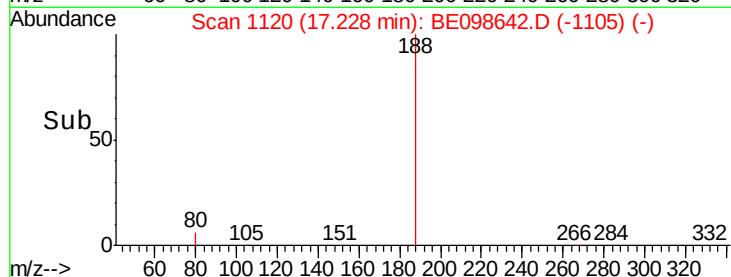
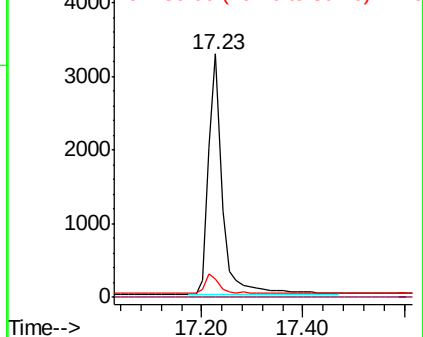
80 7.4 4.7 7.1#



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: 0.206 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098642.D

Acq: 16 Jan 2019 21:28

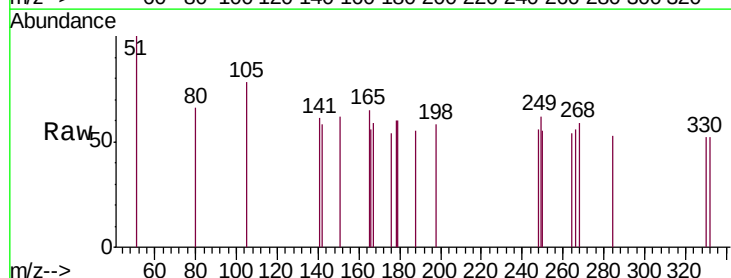
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.8 53.7 80.5#

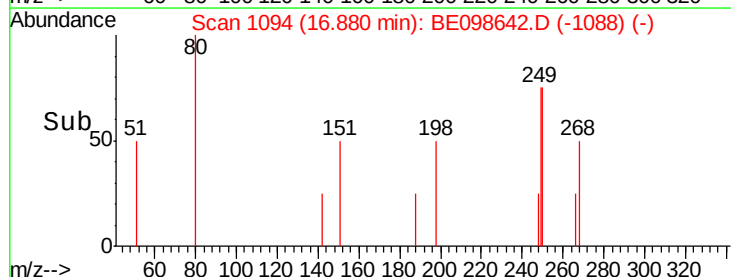
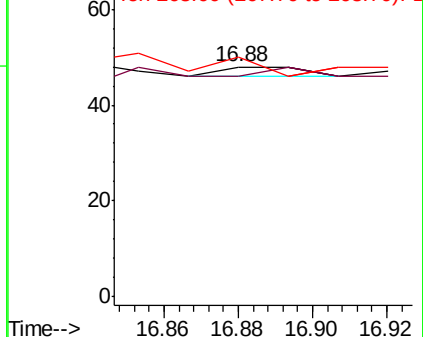
268 104.2 59.8 89.8#

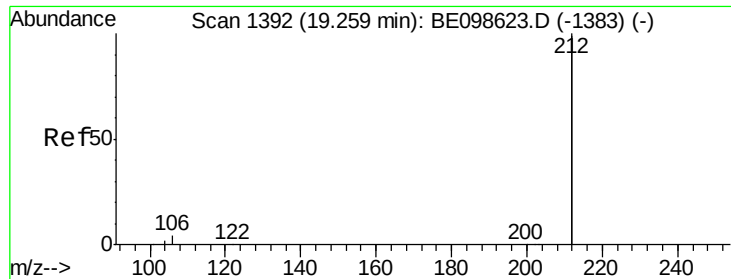


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

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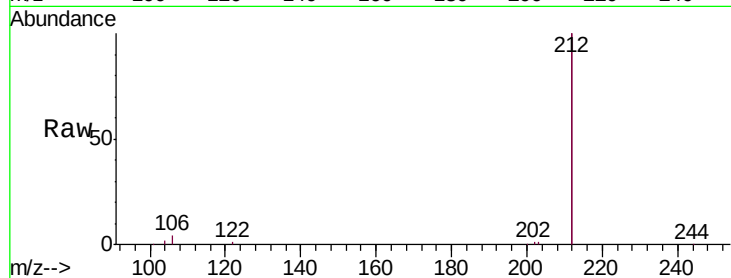
Tgt Ion:212 Resp: 32575

Ion Ratio Lower Upper

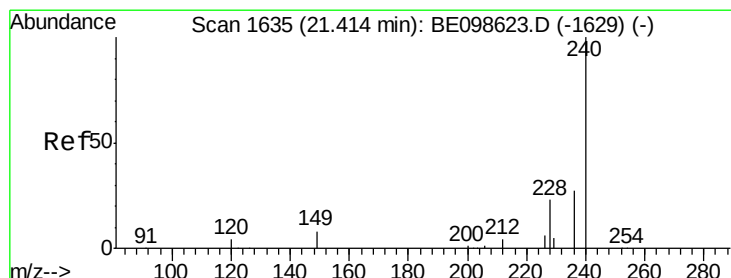
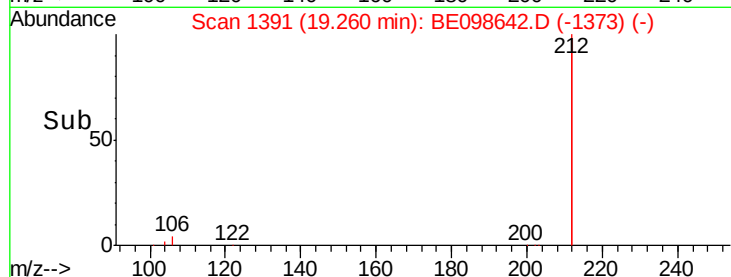
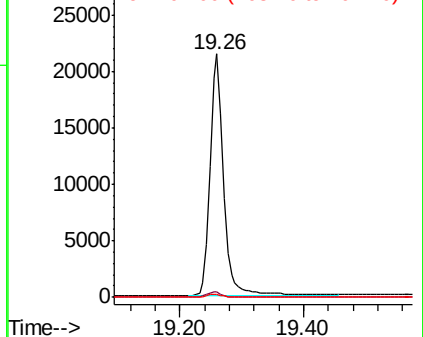
212 100

106 1.9 1.7 2.5

104 1.1 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: BE098642.D

Acq: 16 Jan 2019 21:28

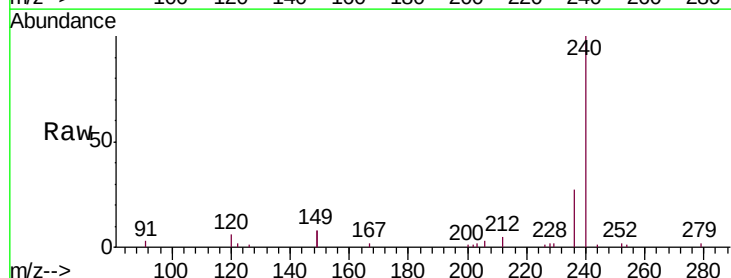
Tgt Ion:240 Resp: 7144

Ion Ratio Lower Upper

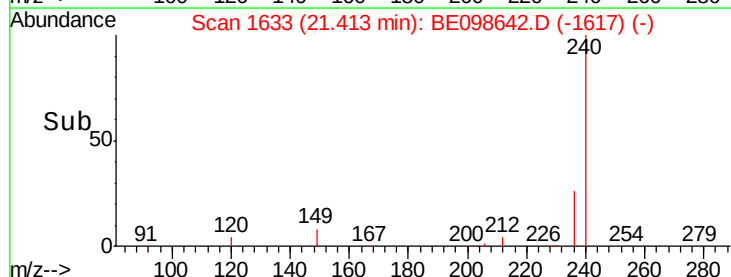
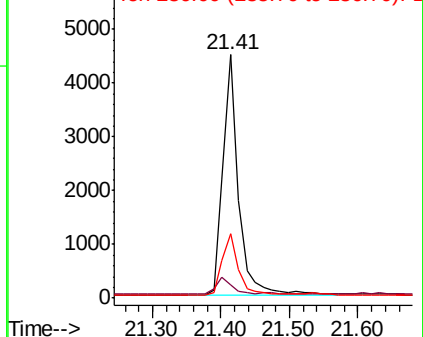
240 100

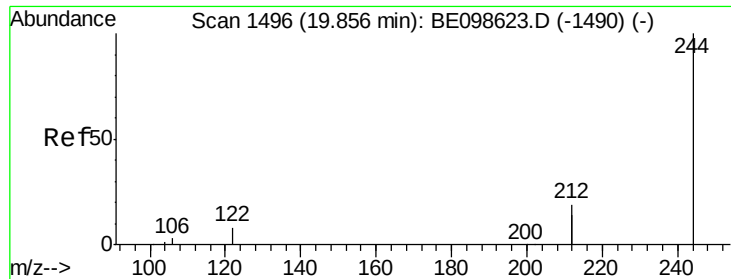
120 5.7 4.7 7.1

236 26.5 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: 0.474 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098642.D

Acq: 16 Jan 2019 21:28

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190114

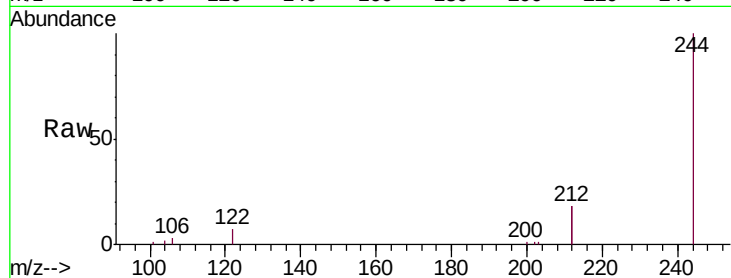
Tgt Ion:244 Resp: 7498

Ion Ratio Lower Upper

244 100

212 36.4 29.4 44.2

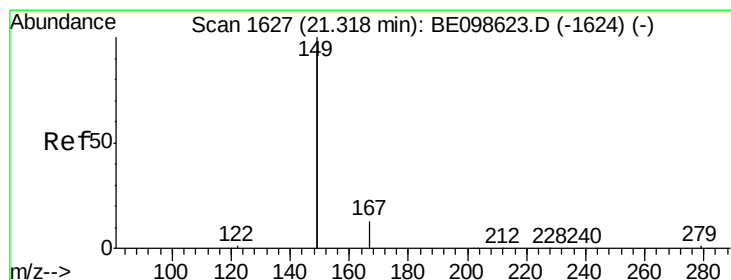
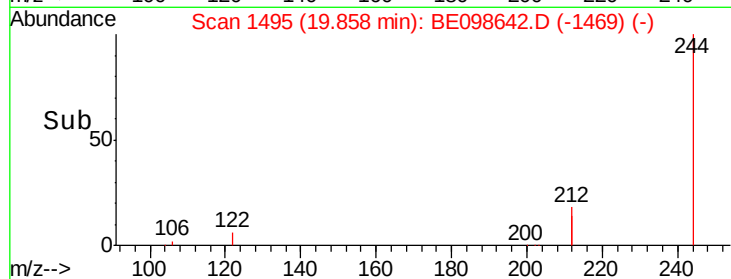
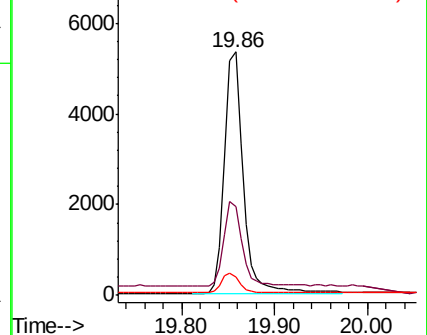
122 7.3 7.1 10.7



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: 0.123 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098642.D

Acq: 16 Jan 2019 21:28

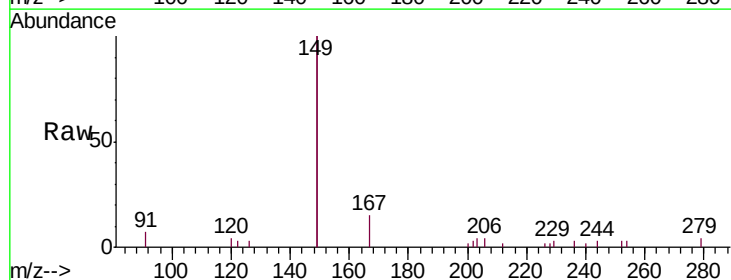
Tgt Ion:149 Resp: 5006

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.2

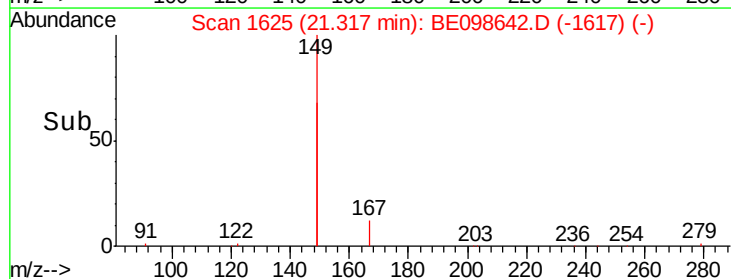
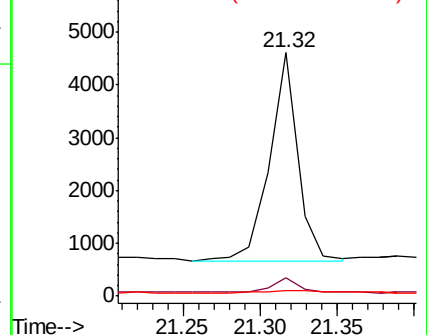
279 1.5 1.0 1.4#

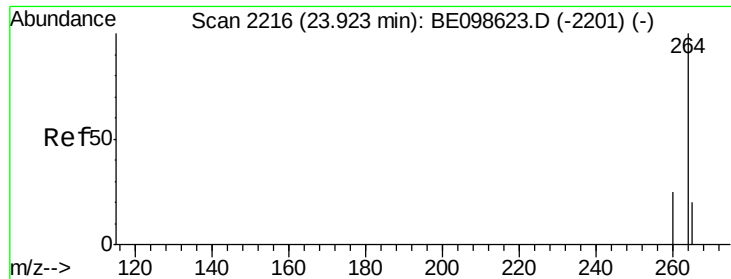


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098642.D

Acq: 16 Jan 2019 21:28

Instrument :

BNA_E

ClientSampleId :

KY038PS036-190114

Tgt Ion: 264 Resp: 7040

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

265 29.9 22.3 33.5

