

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
 Data File : BE098808.D
 Acq On : 6 Mar 2019 21:16
 Operator : JU/SJ
 Sample : K1655-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWP

Quant Time: Mar 07 01:47:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	872	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3529	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2318	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6146	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7778	0.40	ng	0.00
34) Perylene-d12	23.90	264	7646	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	312	0.12	ng	0.00
5) Phenol-d6	6.98	99	334	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	1145	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2520	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	419	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	5041	0.53	ng	-0.01
25) Fluoranthene-d10	19.24	212	39310	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9995	0.53	ng	0.00

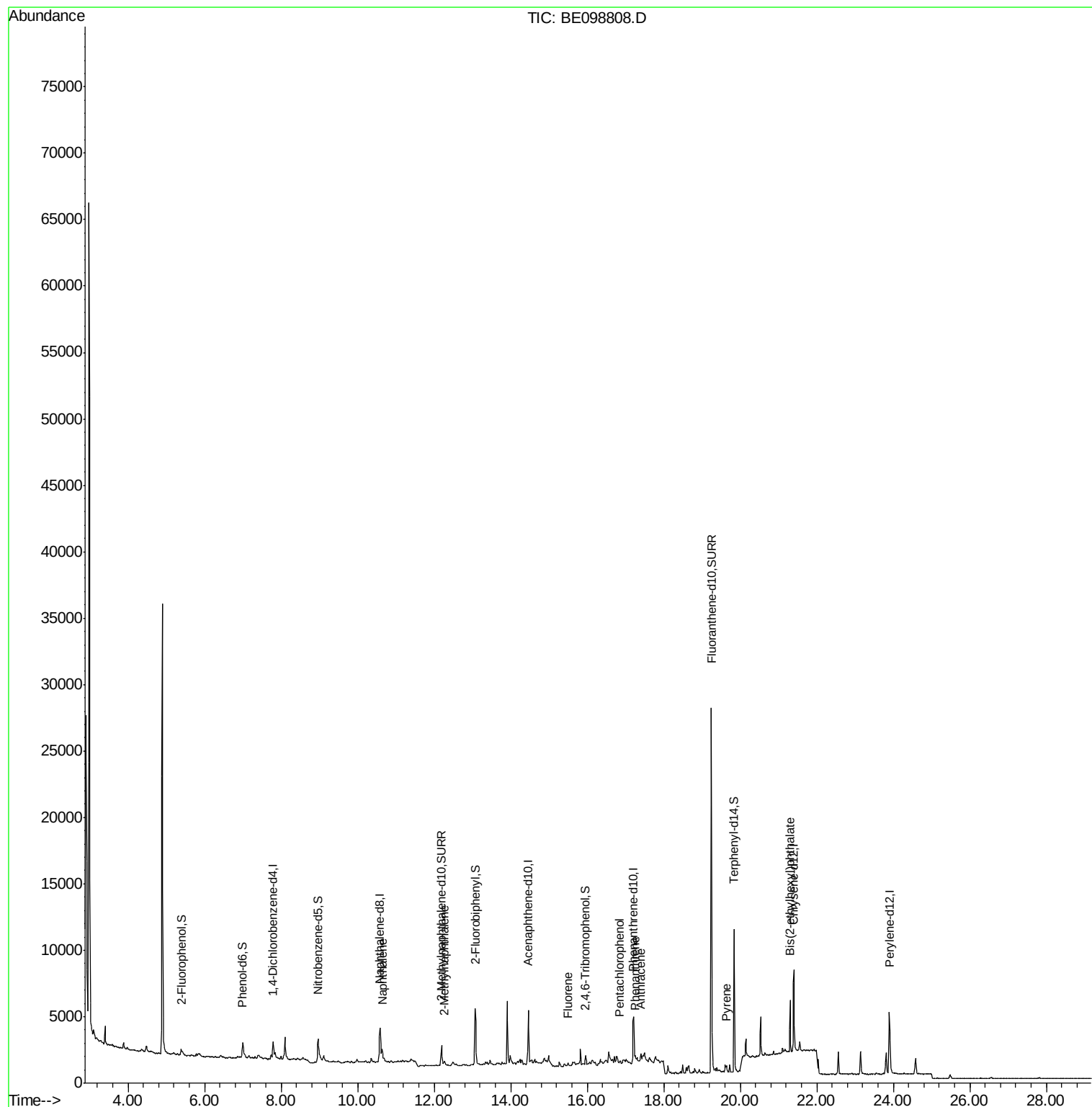
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	29	Below Cal		# 52
9) Naphthalene	10.64	128	1626	0.040	ng	# 84
12) 2-Methylnaphthalene	12.27	142	303	0.046	ng	# 82
18) Fluorene	15.50	166	207	0.020	ng	# 70
22) Pentachlorophenol	16.85	266	5	0.268	ng	# 91
23) Phenanthrene	17.26	178	691	0.040	ng	# 80
24) Anthracene	17.40	178	373	0.025	ng	# 1
28) Pyrene	19.64	202	551	0.023	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.30	149	4196	0.081	ng	# 99

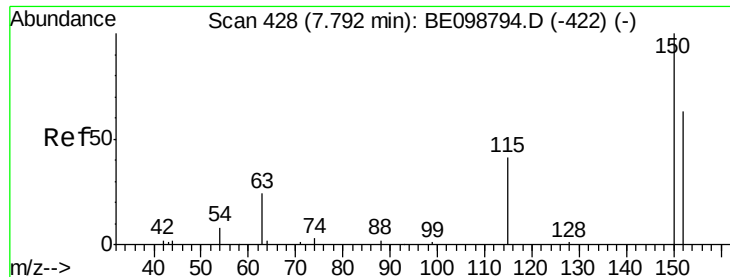
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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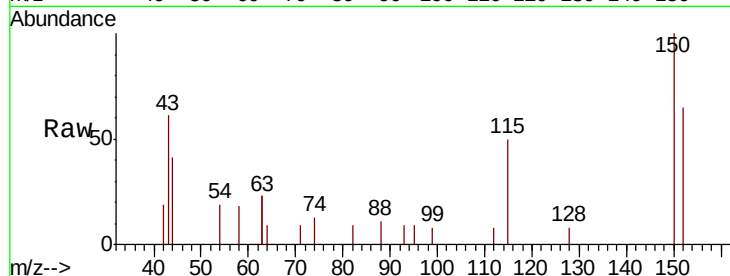


#1

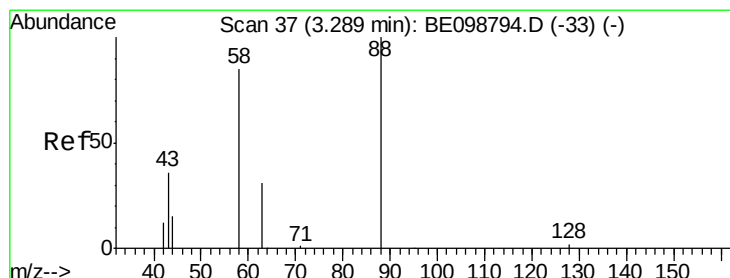
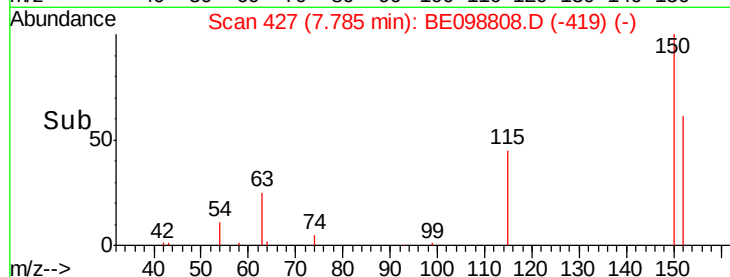
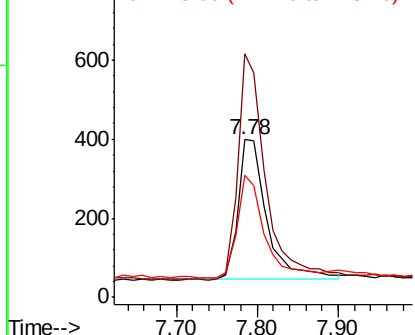
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098808.D
Acq: 6 Mar 2019 21:16

Instrument :
BNA_E
ClientSampleId :
A0C1-TWP

Tgt Ion: 152 Resp: 872
Ion Ratio Lower Upper
152 100
150 154.8 122.5 183.7
115 77.6 57.4 86.2



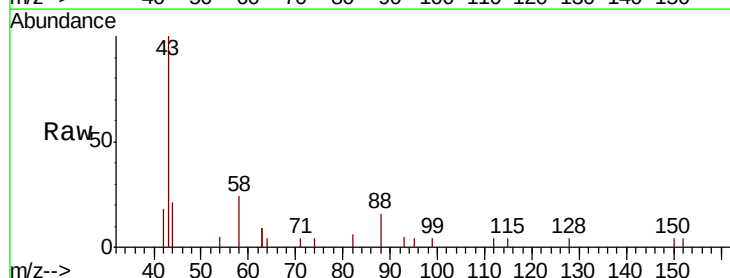
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



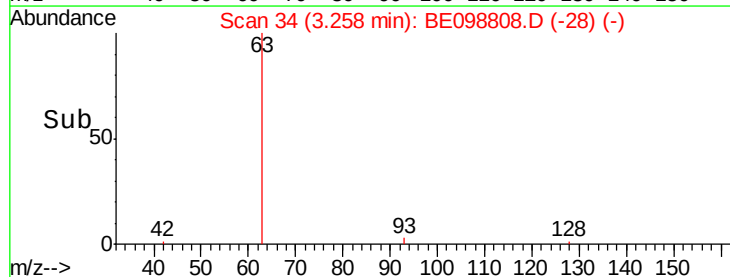
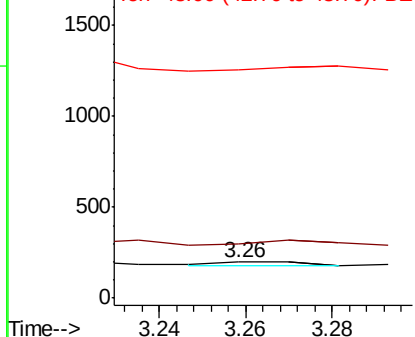
#2

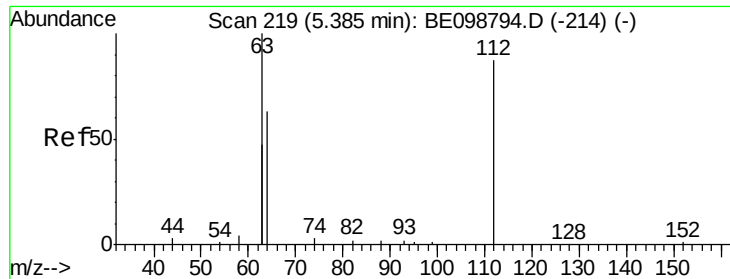
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 34
Delta R.T. -0.03 min
Lab File: BE098808.D
Acq: 6 Mar 2019 21:16

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
58 127.6 75.8 113.6#
43 0.0 41.8 62.8#



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: 0.120 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

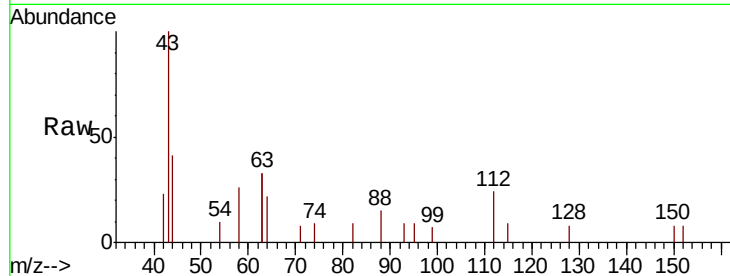
Tgt Ion: 112 Resp: 312

Ion Ratio Lower Upper

112 100

64 95.2 57.9 86.9#

63 131.1 158.3 237.5#

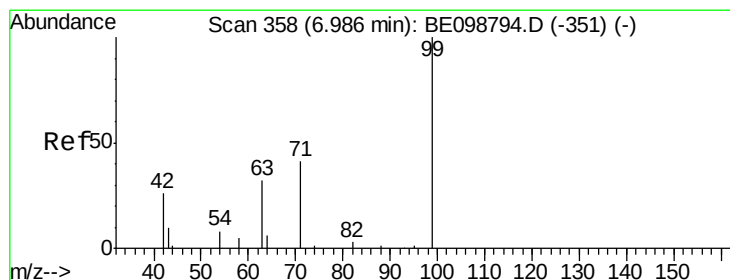
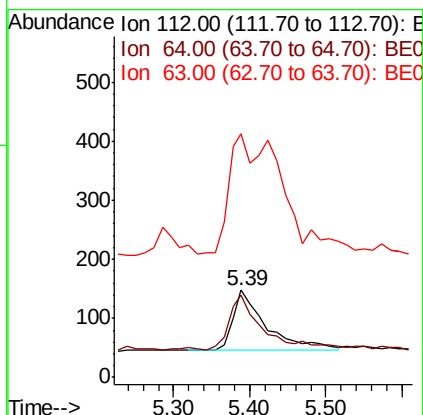
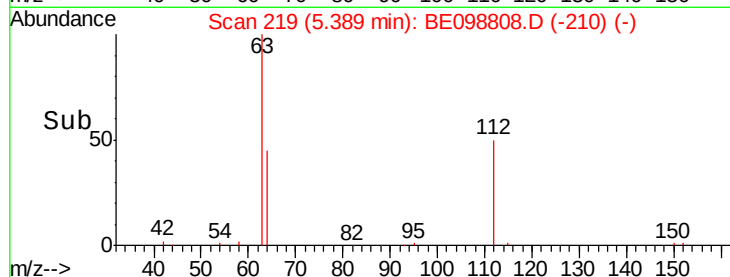


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.091 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

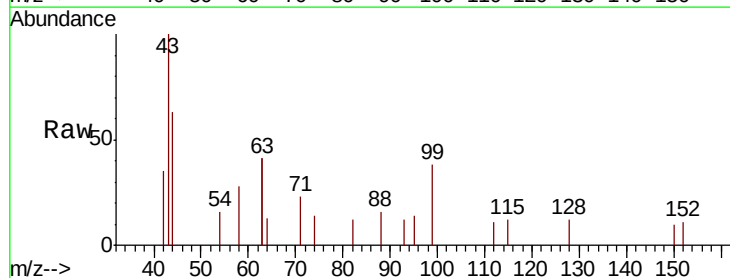
Tgt Ion: 99 Resp: 334

Ion Ratio Lower Upper

99 100

42 65.3 24.2 36.2#

71 45.2 35.7 53.5

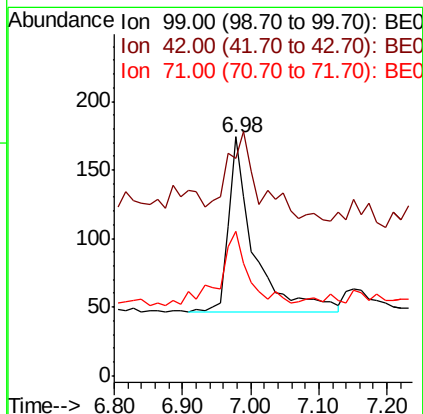
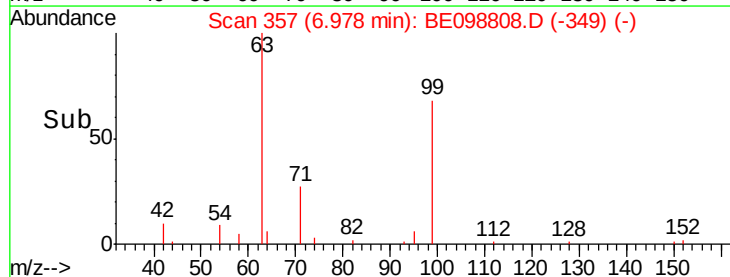


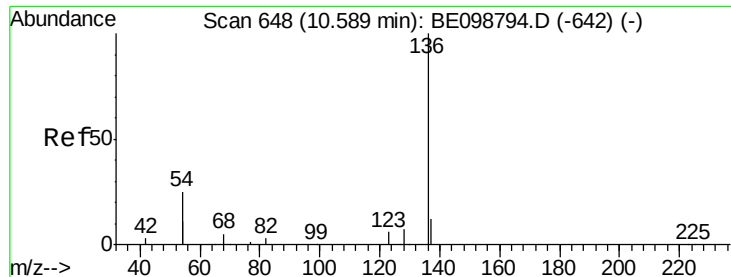
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

Tgt Ion: 136 Resp: 3529

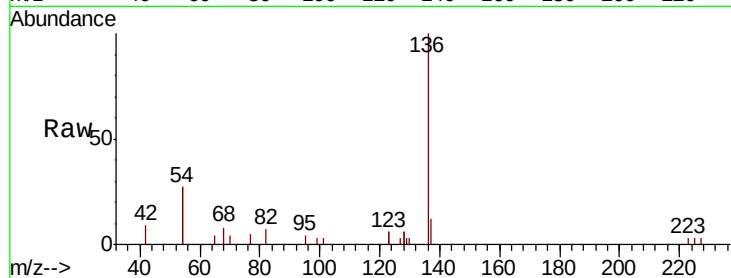
Ion Ratio Lower Upper

136 100

137 12.1 11.4 17.0

54 54.2 39.3 58.9

68 8.1 6.7 10.1

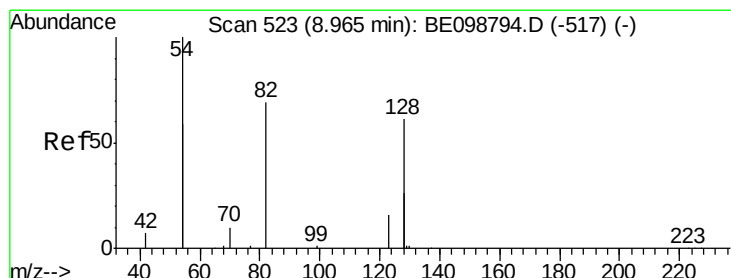
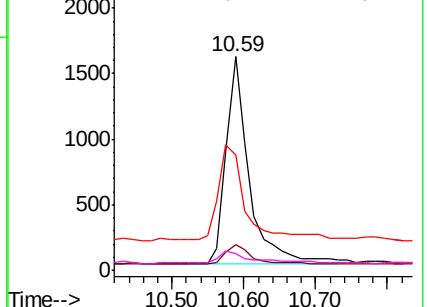
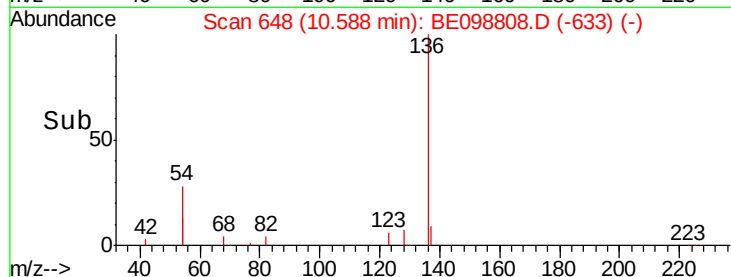


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.309 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

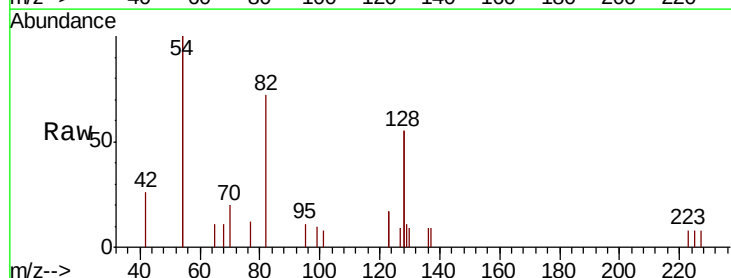
Tgt Ion: 82 Resp: 1145

Ion Ratio Lower Upper

82 100

128 152.9 123.8 185.8

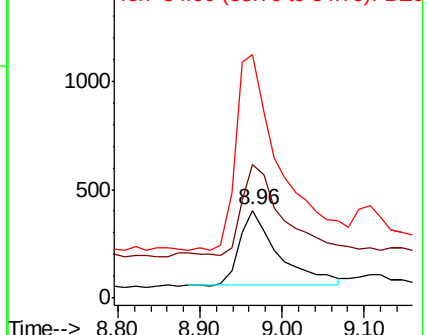
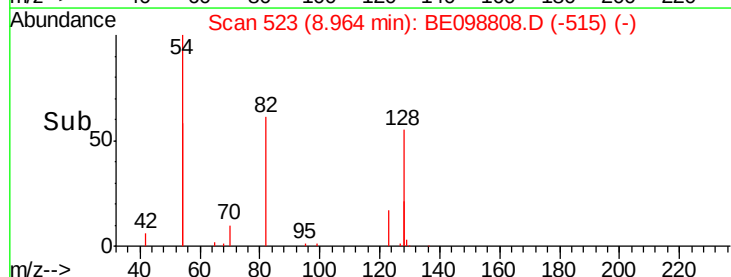
54 278.4 203.4 305.2

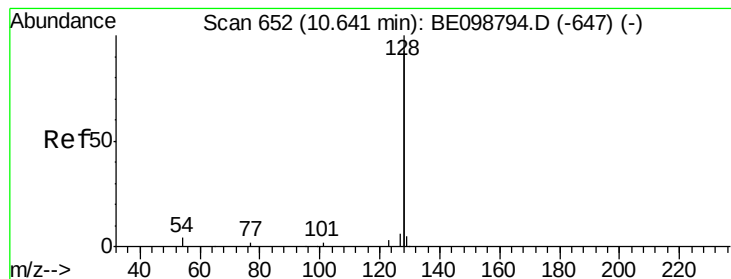


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.040 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

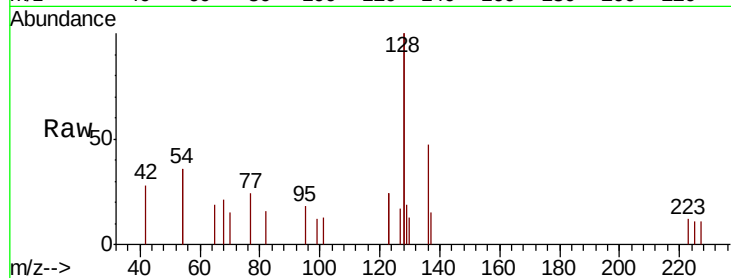
Tgt Ion:128 Resp: 1626

Ion Ratio Lower Upper

128 100

129 9.4 2.6 4.0#

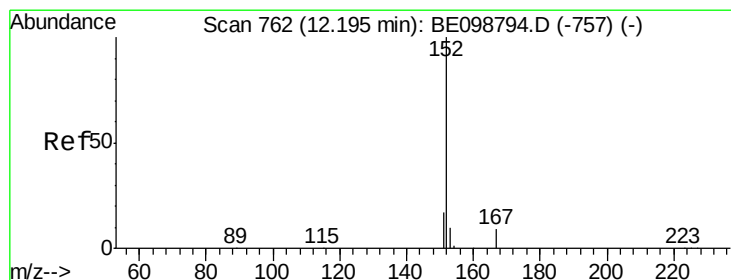
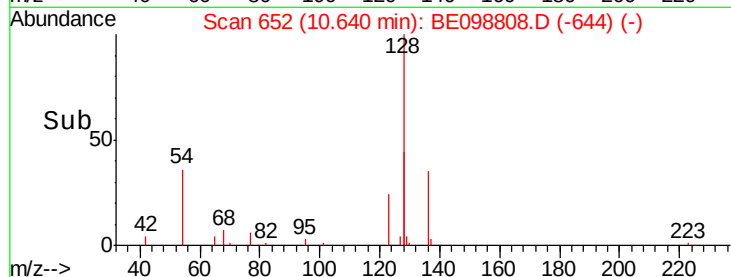
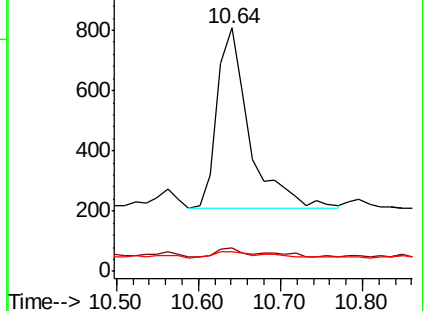
127 8.3 3.1 4.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098808.D

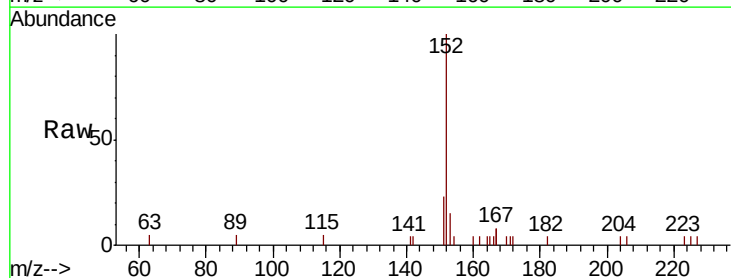
Acq: 6 Mar 2019 21:16

Tgt Ion:152 Resp: 2520

Ion Ratio Lower Upper

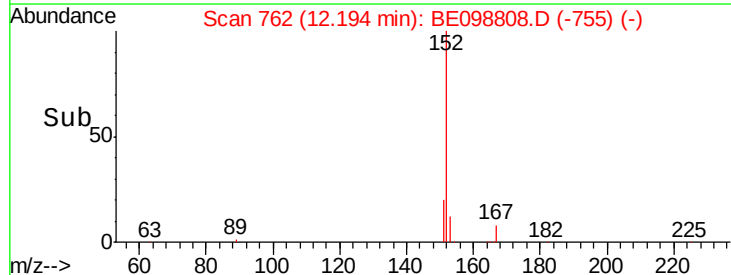
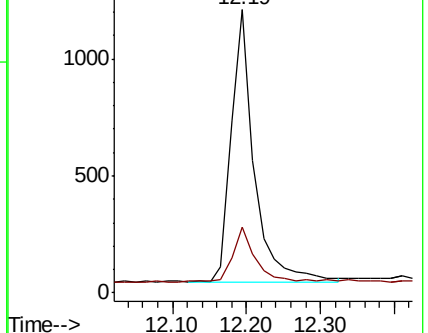
152 100

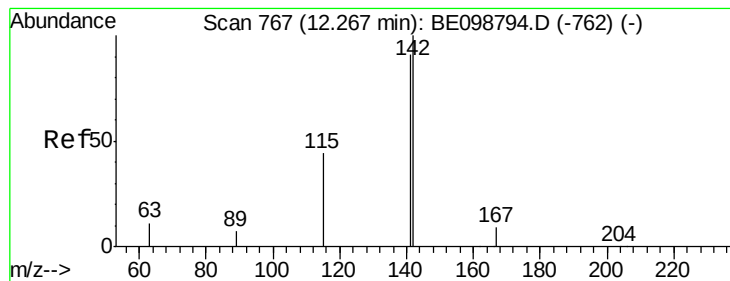
151 19.2 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.046 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

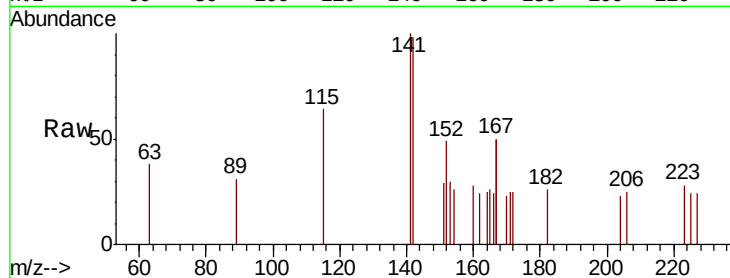
Tgt Ion:142 Resp: 303

Ion Ratio Lower Upper

142 100

141 102.2 72.6 108.8

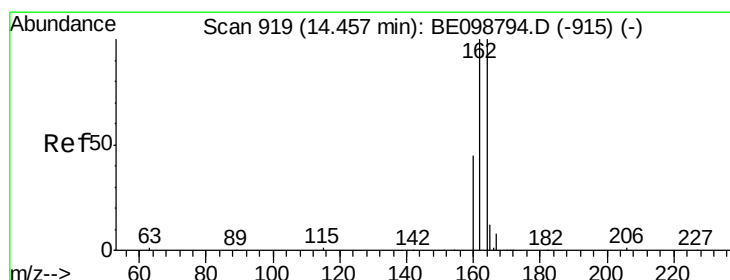
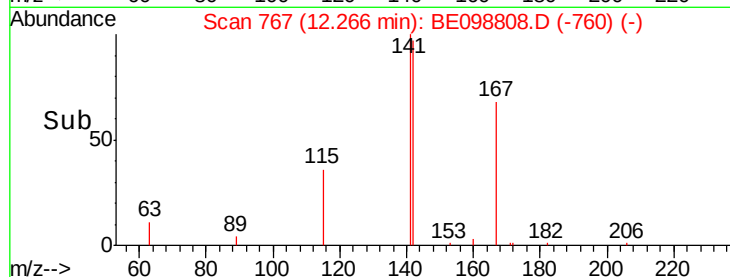
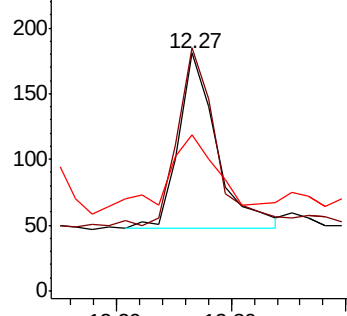
115 65.7 37.4 56.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

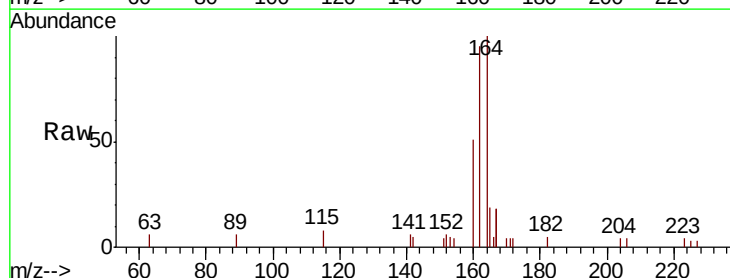
Tgt Ion:164 Resp: 2318

Ion Ratio Lower Upper

164 100

162 95.5 80.2 120.2

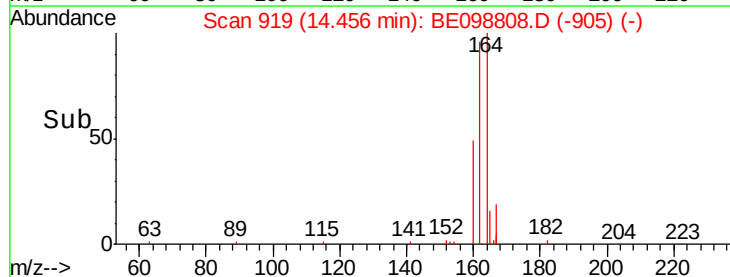
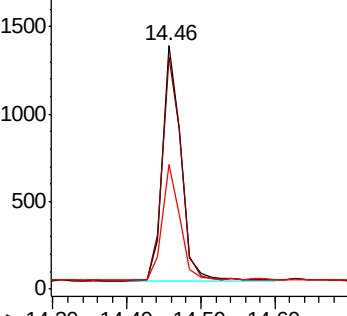
160 51.4 37.8 56.8

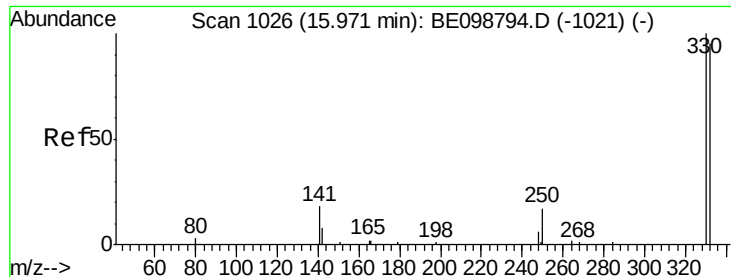


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

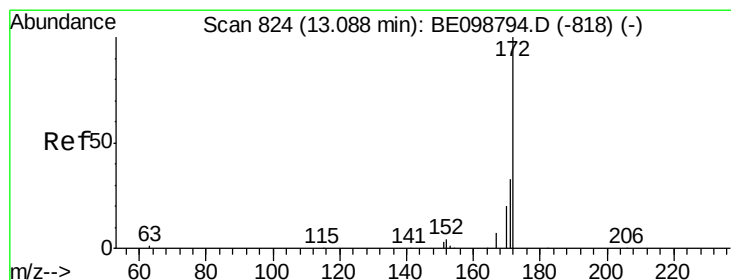
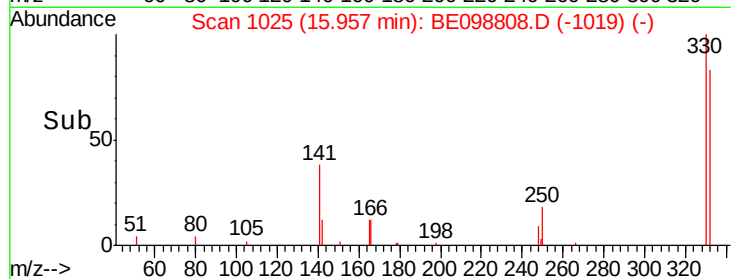
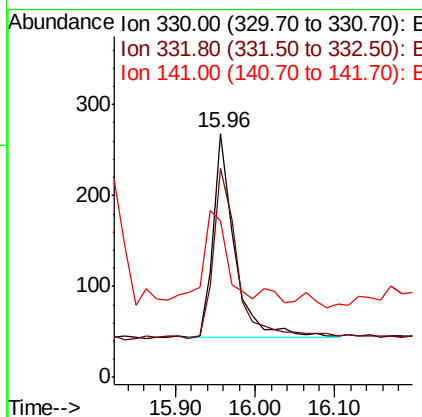
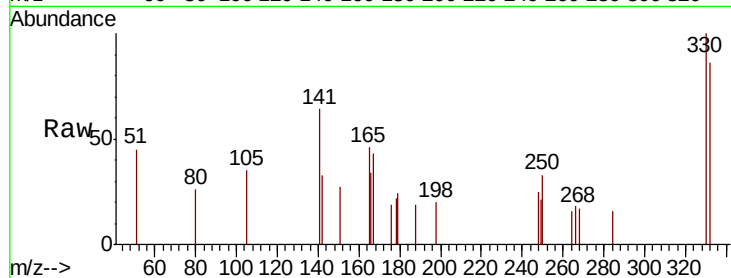




#14
 2,4,6-Tribromophenol
 Concen: 0.358 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

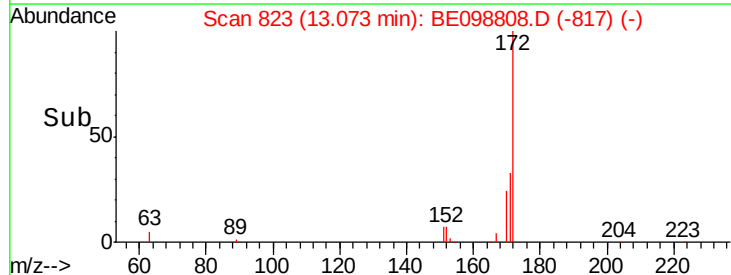
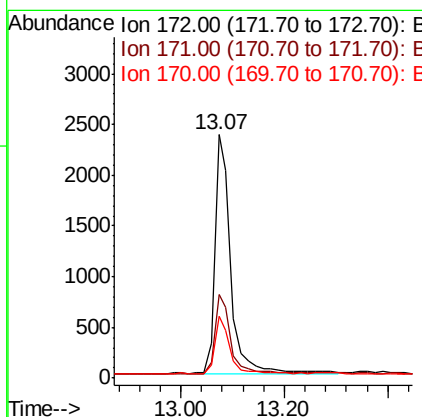
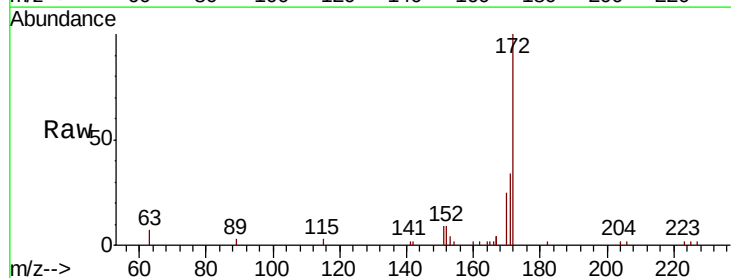
Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWP

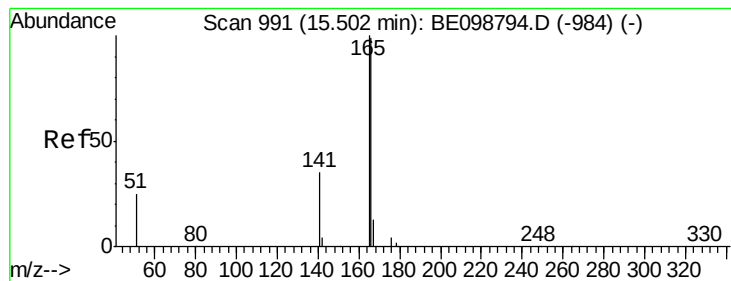
Tgt Ion: 330 Resp: 419
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.6 116.4
 141 43.0 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.525 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

Tgt Ion: 172 Resp: 5041
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.0 42.0
 170 25.3 17.7 26.5





#18

Fluorene

Concen: 0.020 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

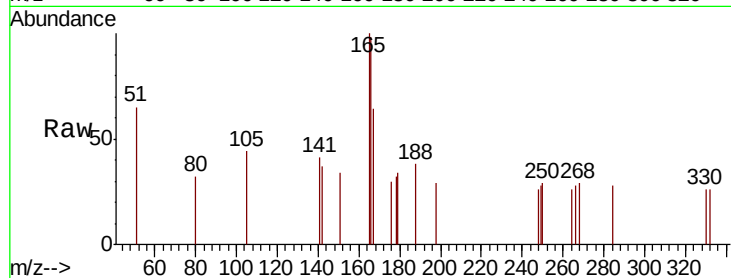
Tgt Ion:166 Resp: 207

Ion Ratio Lower Upper

166 100

165 121.7 79.3 118.9#

167 46.4 10.5 15.7#

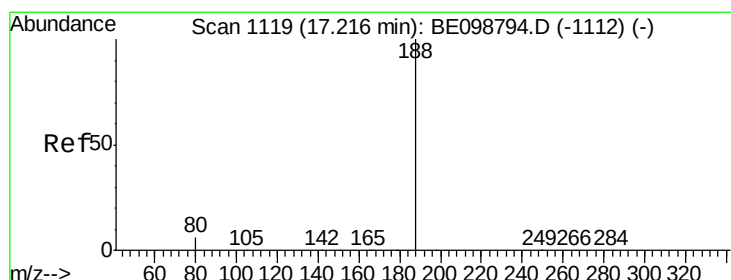
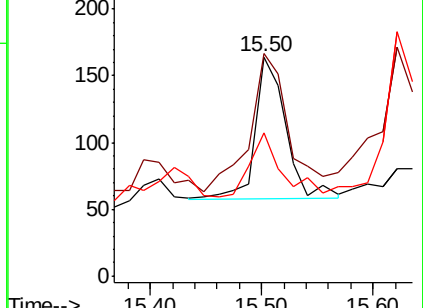
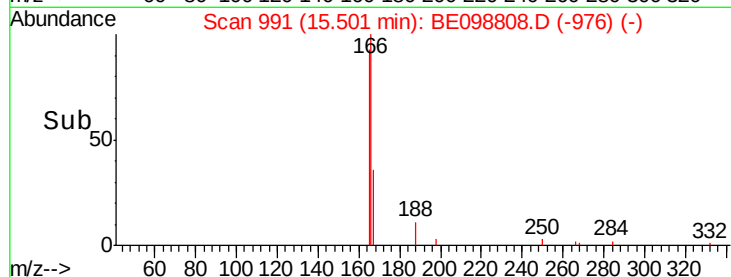


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

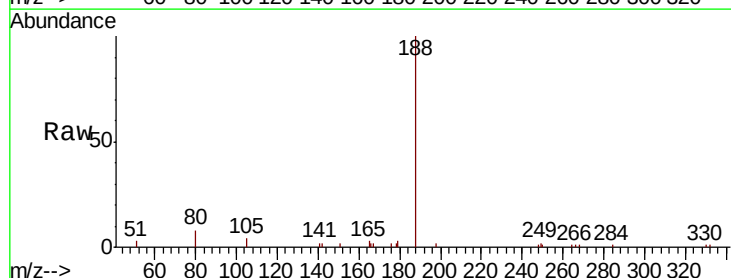
Tgt Ion:188 Resp: 6146

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.7 6.3 9.5

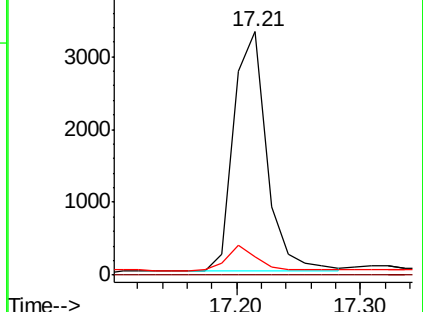
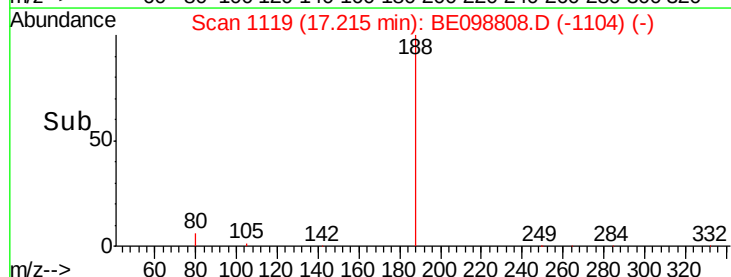


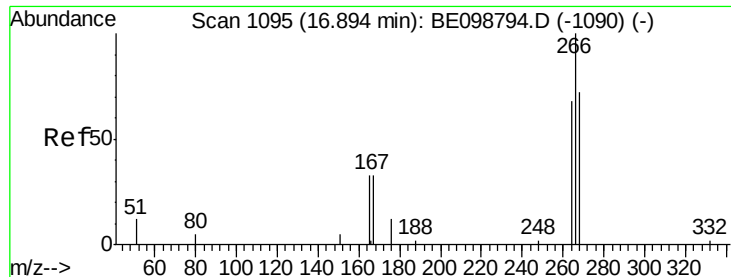
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time-->





#22

Pentachlorophenol

Concen: 0.268 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

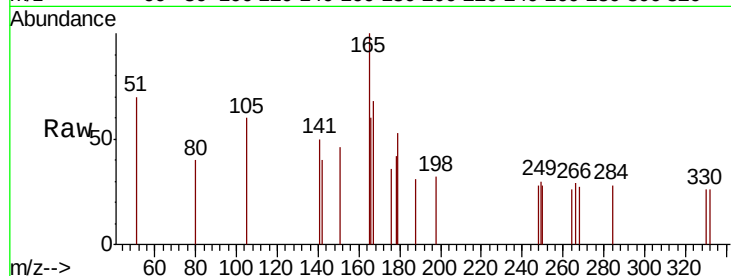
Instrument :

BNA_E

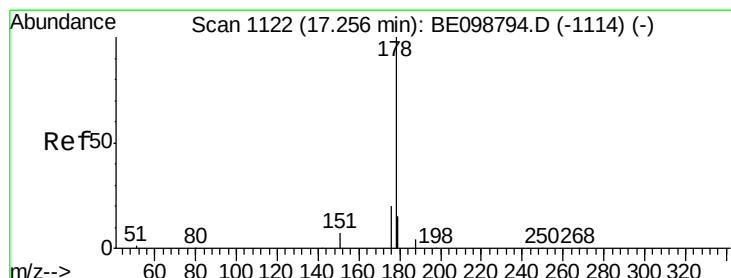
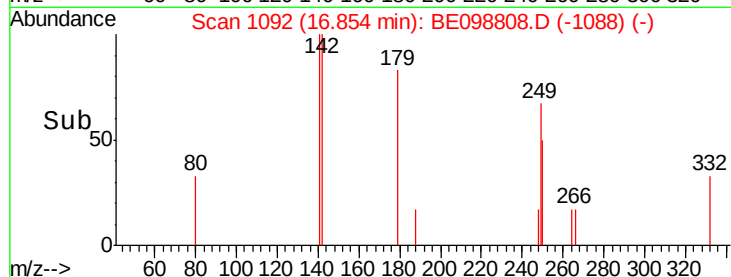
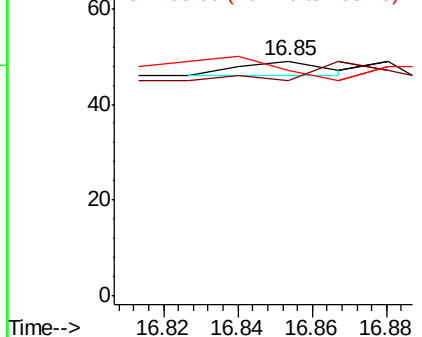
ClientSampleId :

A0C1-TWP

Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	91.8	66.6	100.0
268	95.9	69.8	104.8



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



#23

Phenanthrene

Concen: 0.040 ng

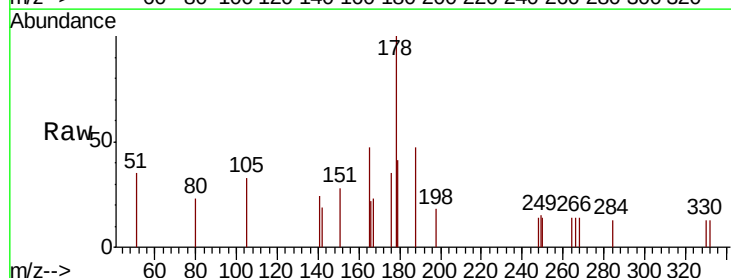
RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

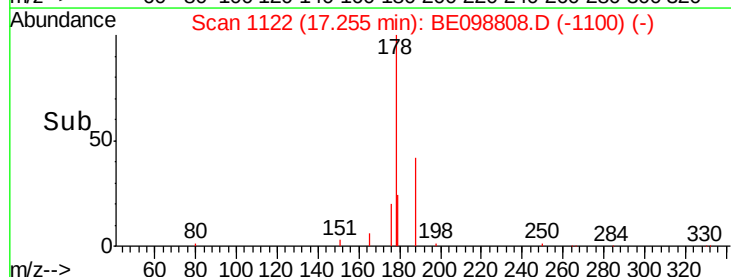
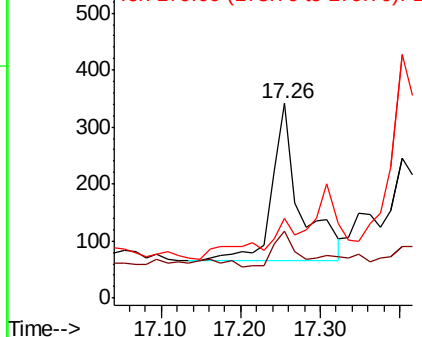
Lab File: BE098808.D

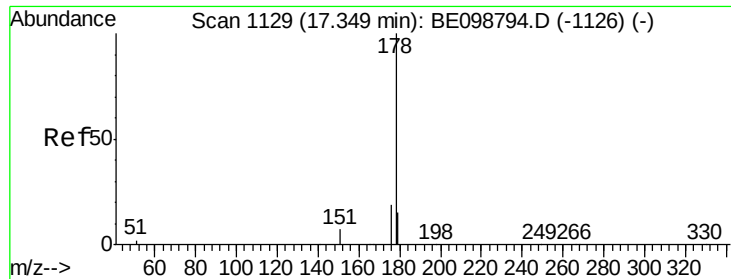
Acq: 6 Mar 2019 21:16

Tgt Ion:	178	Resp:	691
Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	32.6	12.1	18.1#



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





#24

Anthracene

Concen: 0.025 ng

RT: 17.40 min Scan# 1133

Delta R.T. 0.05 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

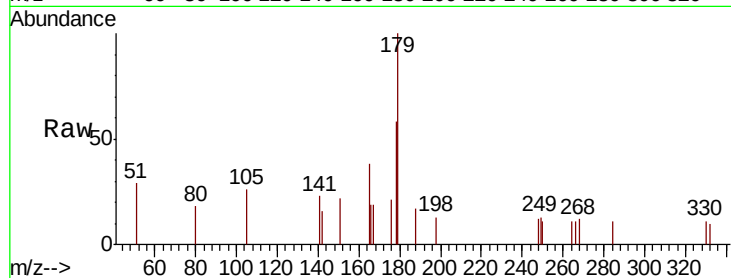
Tgt Ion:178 Resp: 373

Ion Ratio Lower Upper

178 100

176 16.9 15.4 23.0

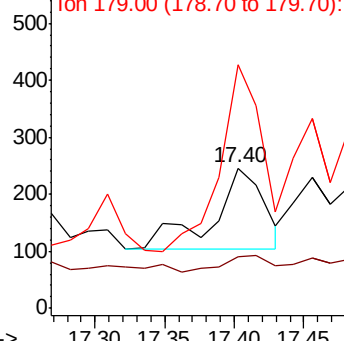
179 186.6 12.2 18.4#



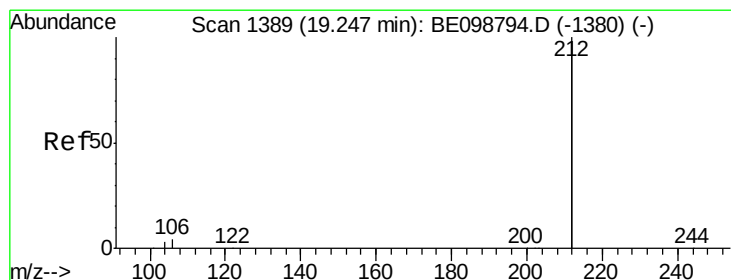
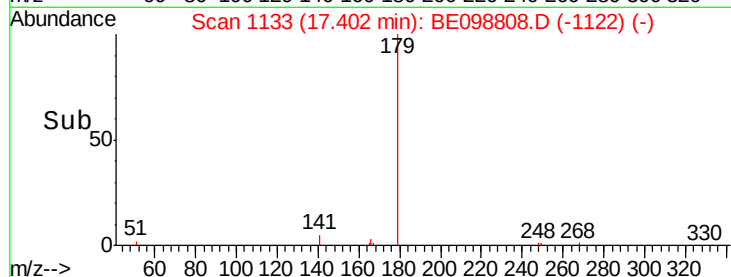
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

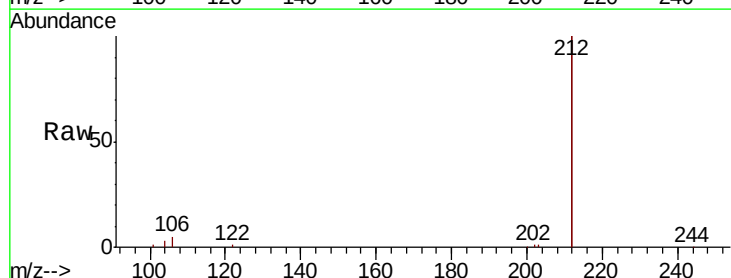
Tgt Ion:212 Resp: 39310

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

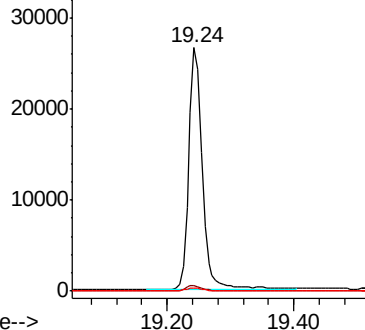
104 1.4 1.0 1.6



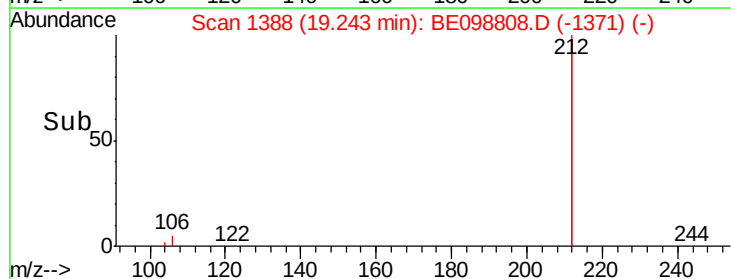
Abundance Ion 212.00 (211.70 to 212.70): E

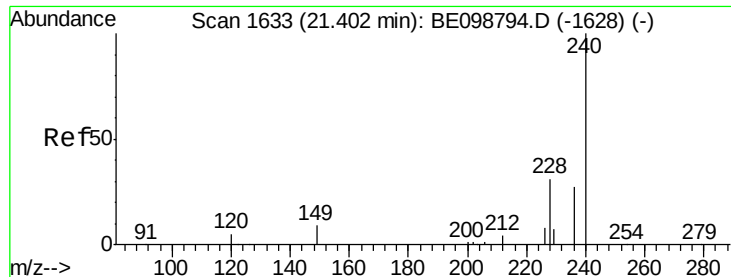
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

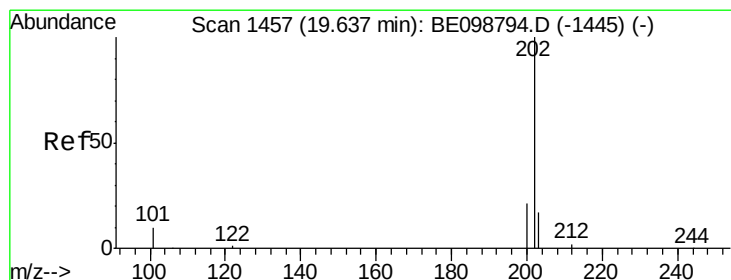
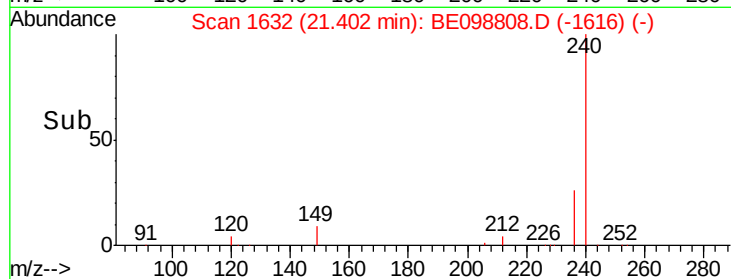
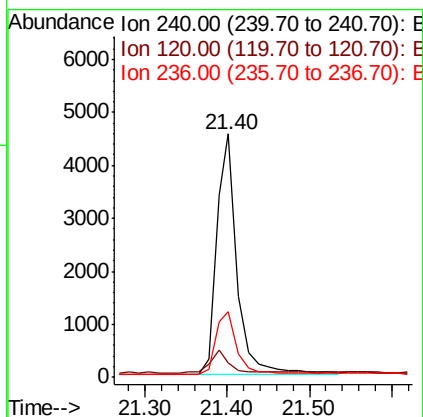
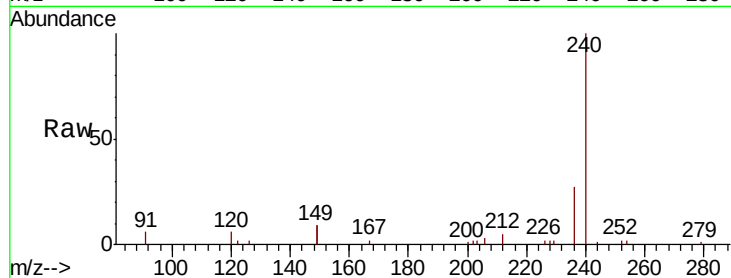




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

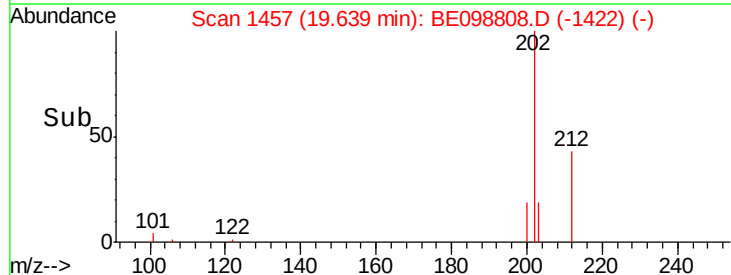
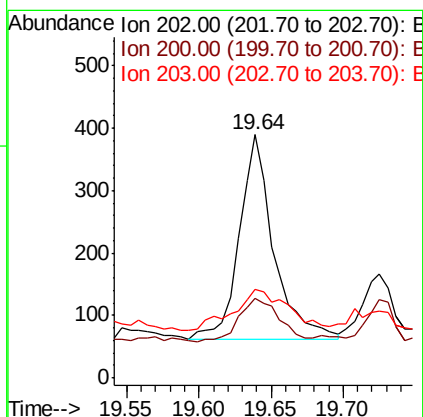
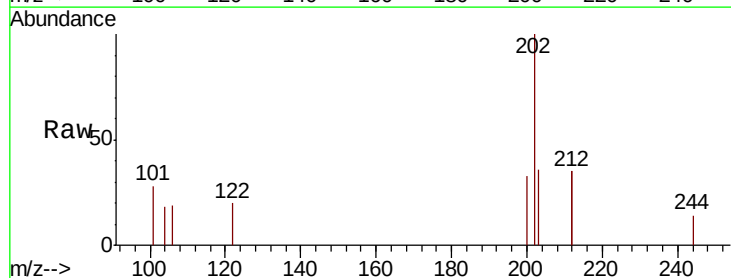
Instrument :
 BNA_E
 ClientSampleId :
 A0C1-TWP

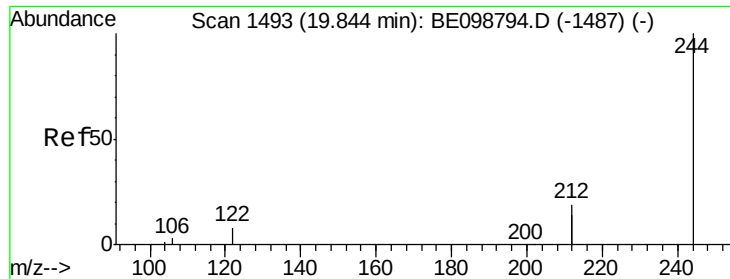
Tgt Ion:240 Resp: 7778
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.0 7.4
 236 27.1 22.7 34.1



#28
 Pyrene
 Concen: 0.023 ng
 RT: 19.64 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BE098808.D
 Acq: 6 Mar 2019 21:16

Tgt Ion:202 Resp: 551
 Ion Ratio Lower Upper
 202 100
 200 25.8 17.0 25.6#
 203 31.9 14.2 21.2#





#29

Terphenyl-d14

Concen: 0.529 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

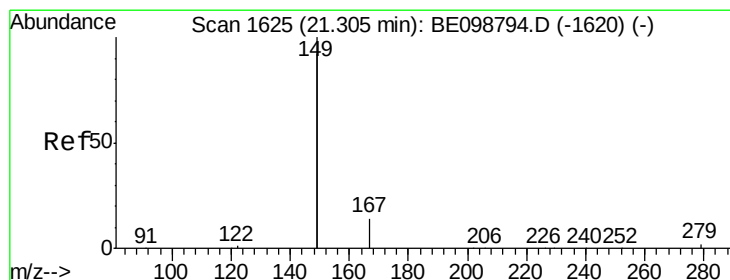
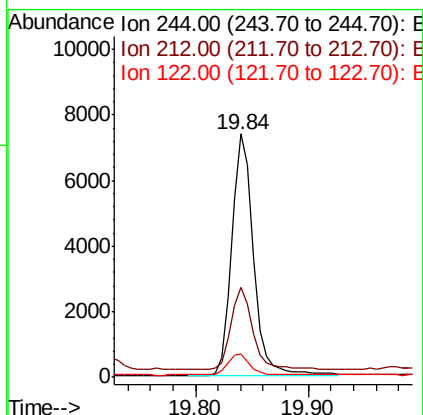
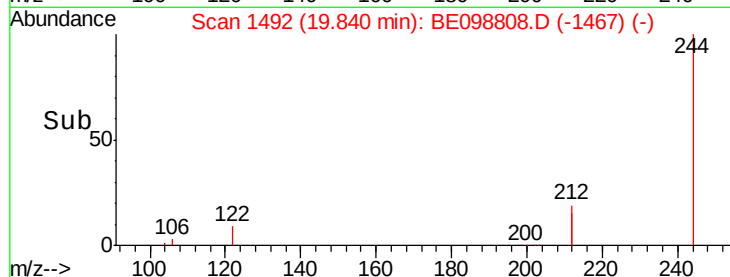
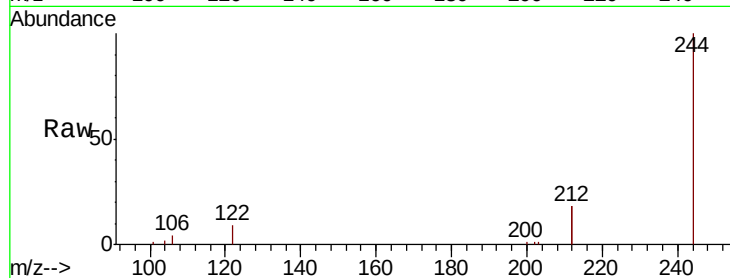
Tgt Ion:244 Resp: 9995

Ion Ratio Lower Upper

244 100

212 36.9 29.4 44.2

122 9.4 7.1 10.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

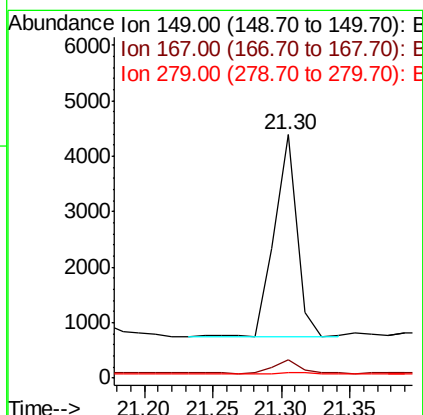
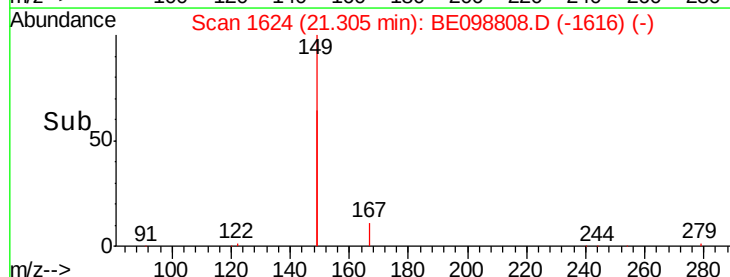
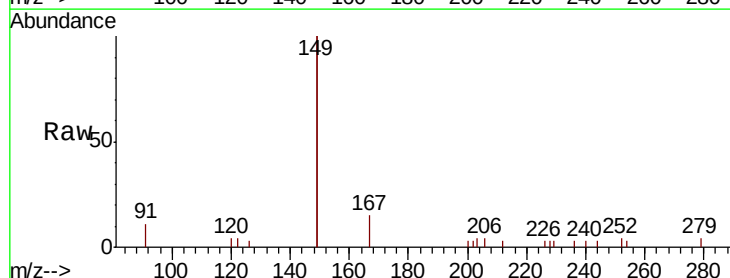
Tgt Ion:149 Resp: 4196

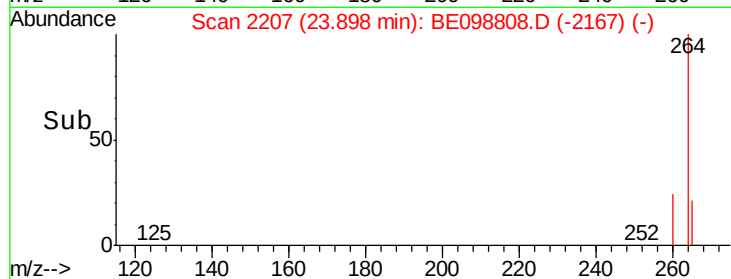
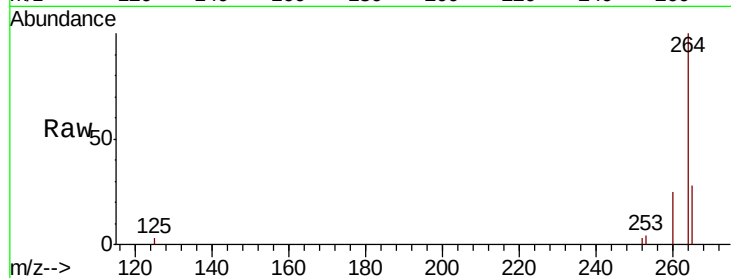
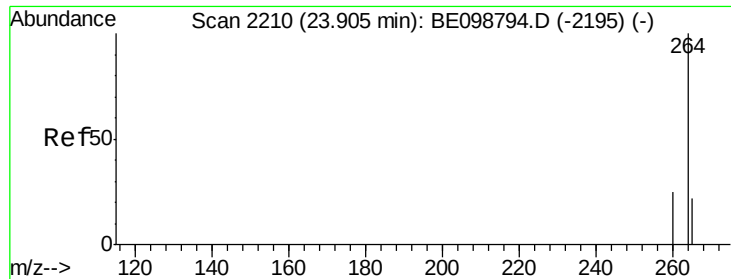
Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

279 1.5 1.0 1.4#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098808.D

Acq: 6 Mar 2019 21:16

Instrument :

BNA_E

ClientSampleId :

A0C1-TWP

Tgt Ion: 264 Resp: 7646

Ion Ratio Lower Upper

264 100

260 25.2 21.2 31.8

265 27.8 24.6 36.8

