

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE011320\
 Data File : BE101042.D
 Acq On : 13 Jan 2020 17:36
 Operator : JU
 Sample : L1055-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-200107

Quant Time: Jan 14 09:53:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

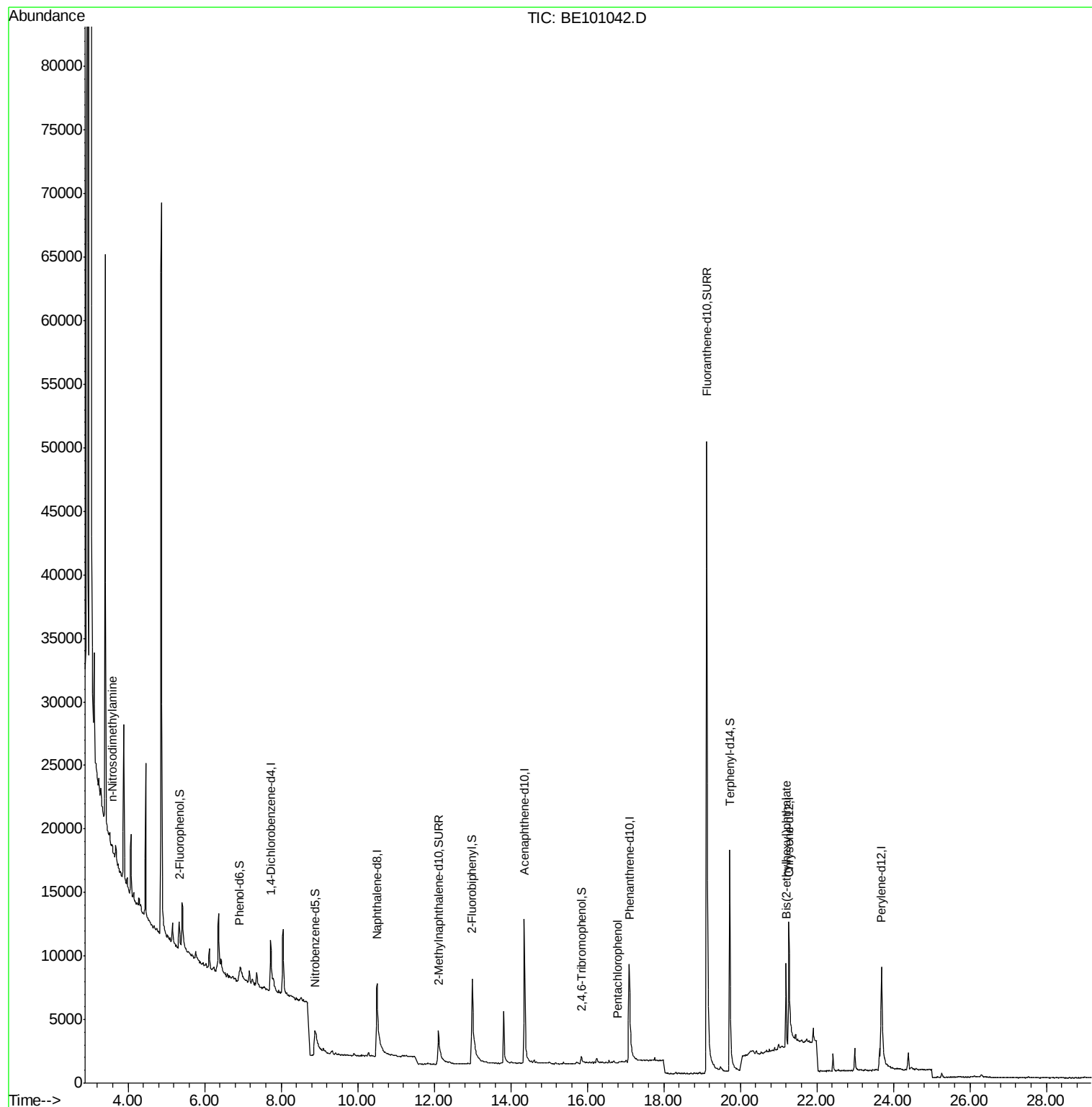
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3173	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13152	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8672	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	20171	0.40	ng	0.00
27) Chrysene-d12	21.27	240	17036	0.40	ng	-0.01
34) Perylene-d12	23.69	264	17901	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1493	0.21	ng	0.00
5) Phenol-d6	6.92	99	1238	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	2639	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	12.11	152	8629	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	652	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	15599	0.47	ng	-0.01
25) Fluoranthene-d10	19.12	212	102089	0.36	ng	-0.01
29) Terphenyl-d14	19.73	244	22490	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	907	Below Cal	Qvalue #	79
3) n-Nitrosodimethylamine	3.59	42	251	0.057 ng	#	1
22) Pentachlorophenol	16.79	266	27	0.257 ng	#	80
32) Bis(2-ethylhexyl)phthalate	21.20	149	9037	0.112 ng	#	98

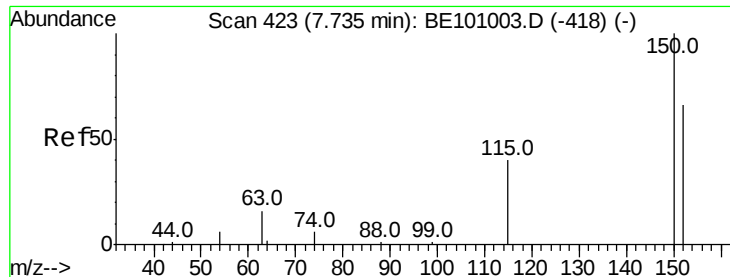
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

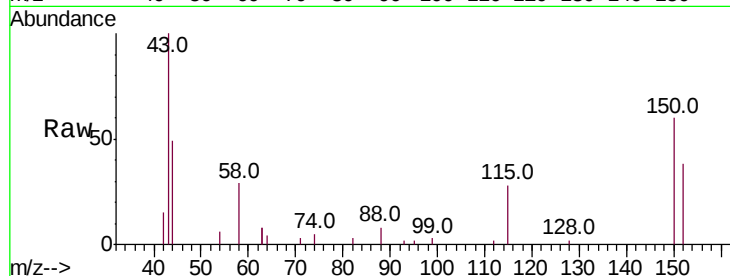
Tot Ion:152 Resp: 3173

Ion Ratio Lower Upper

152 100

150 159.4 120.3 180.5

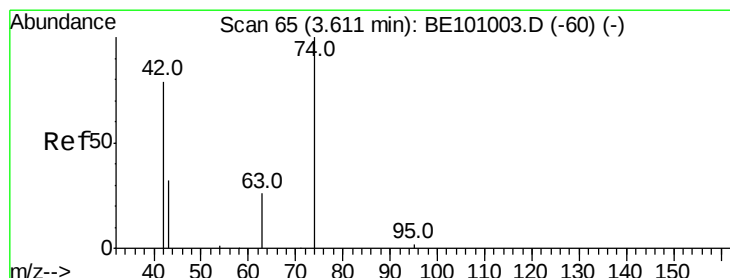
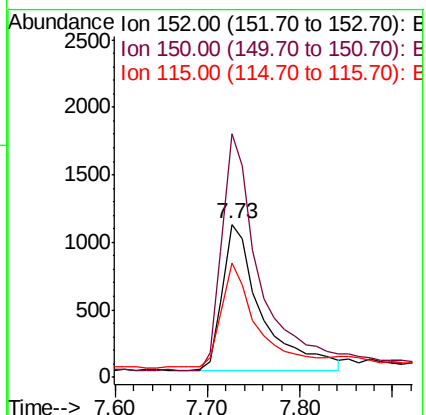
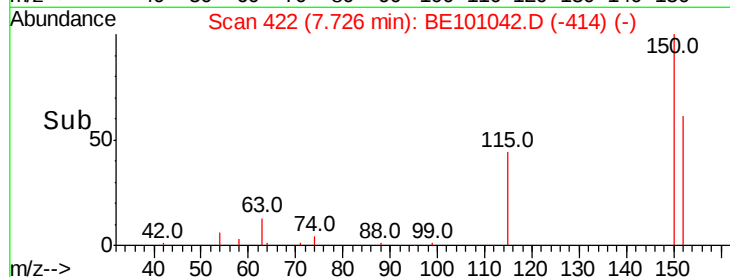
115 74.6 51.7 77.5



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: 0.057 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

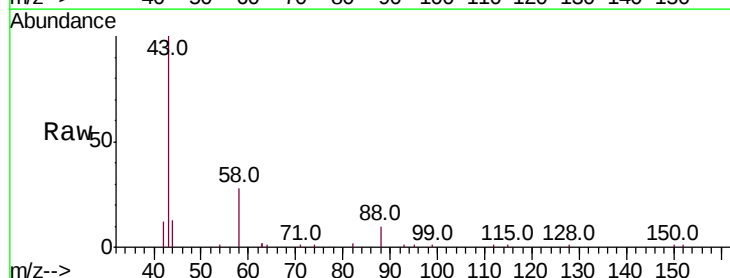
Tgt Ion: 42 Resp: 251

Ion Ratio Lower Upper

42 100

74 0.0 105.7 158.5#

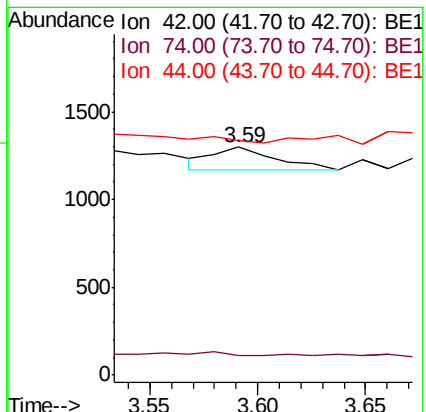
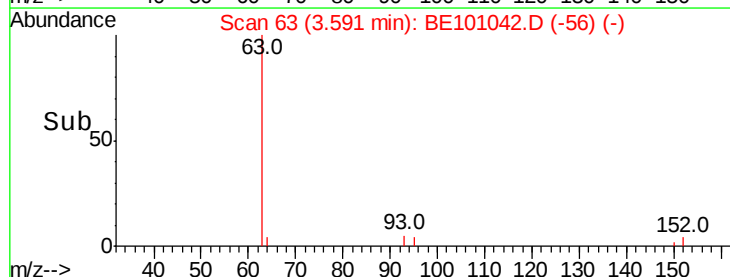
44 0.0 10.0 15.0#

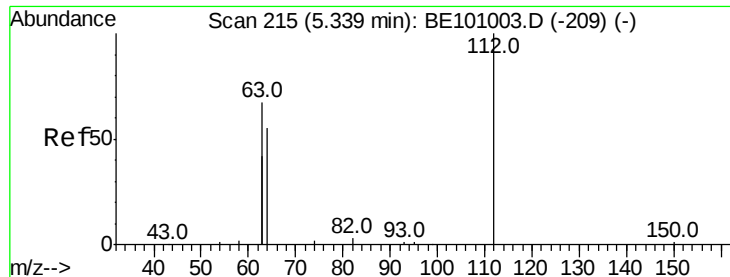


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.209 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

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OUTFALL001-200107

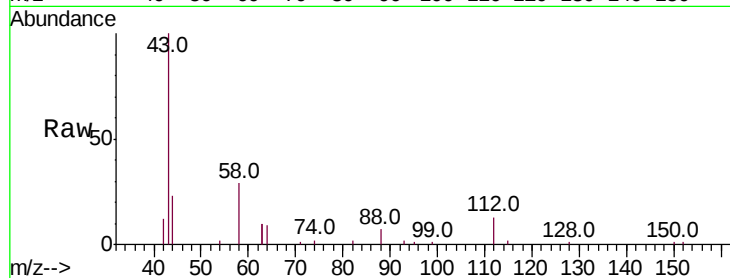
Tot Ion:112 Resp: 1493

Ion Ratio Lower Upper

112 100

64 69.7 53.6 80.4

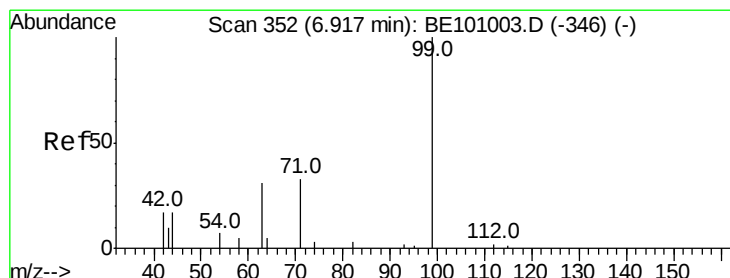
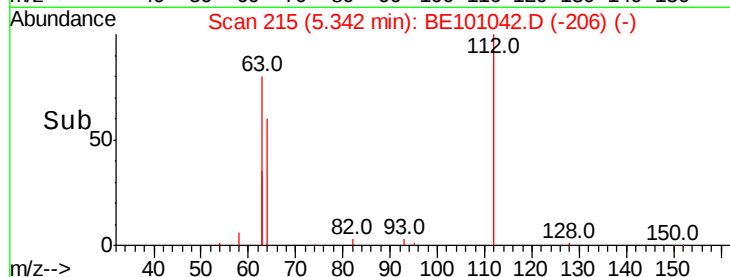
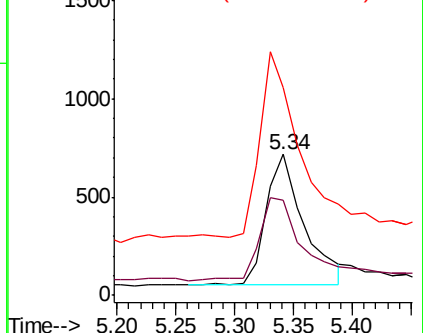
63 147.4 114.6 172.0



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.137 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

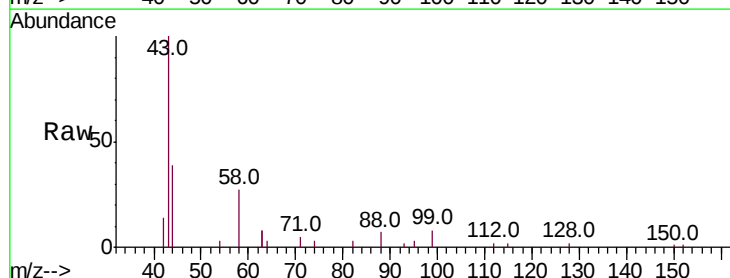
Tgt Ion: 99 Resp: 1238

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

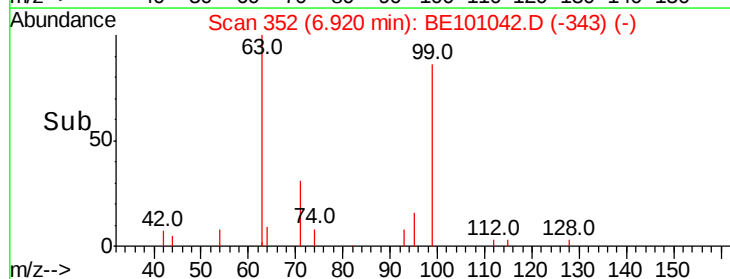
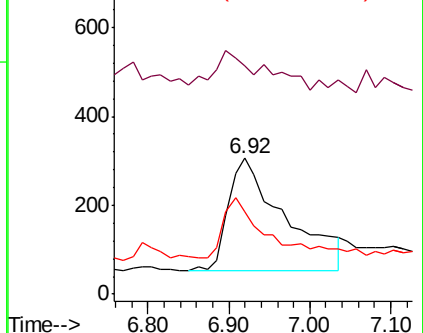
71 39.4 28.0 42.0

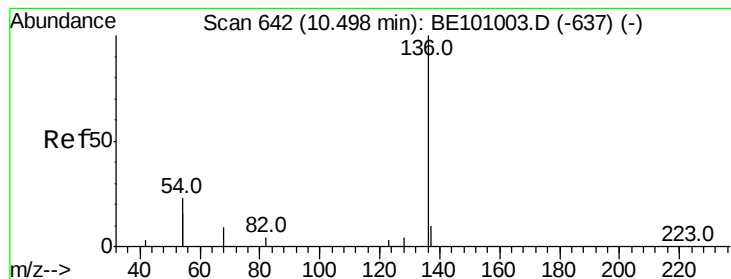


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

Tot Ion:136 Resp: 13152

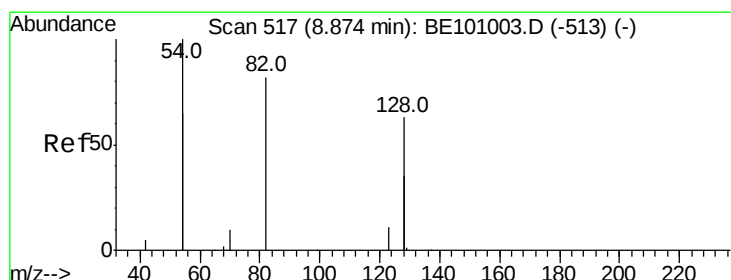
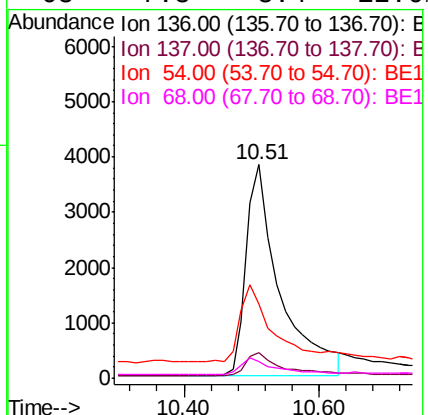
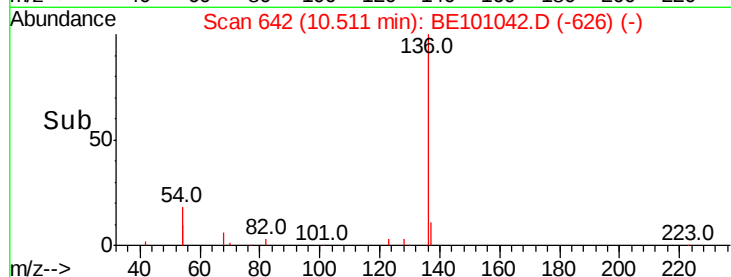
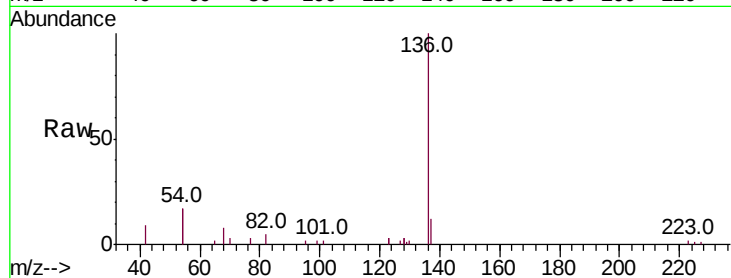
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 34.7 36.8 55.2#

68 7.8 8.4 12.6#



#8

Nitrobenzene-d5

Concen: 0.281 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.03 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

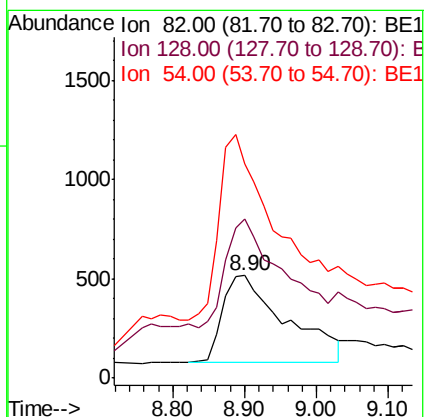
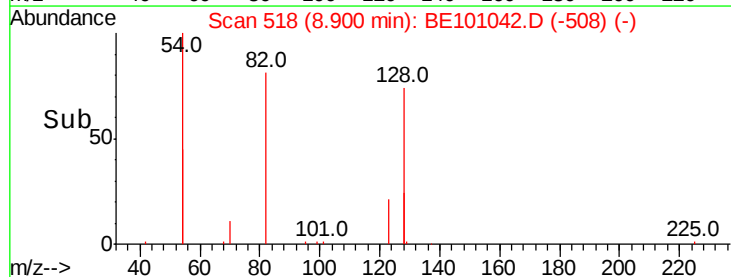
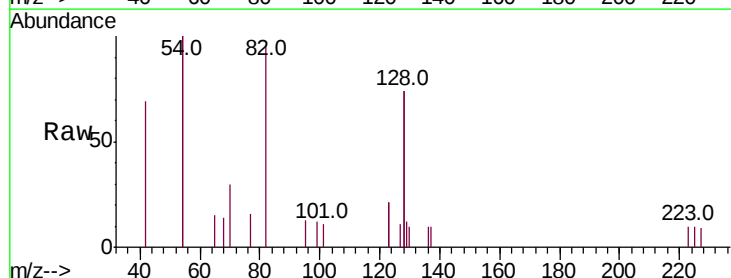
Tgt Ion: 82 Resp: 2639

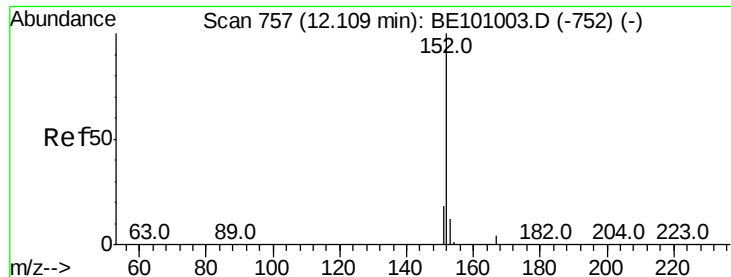
Ion Ratio Lower Upper

82 100

128 154.7 109.8 164.6

54 208.5 174.5 261.7

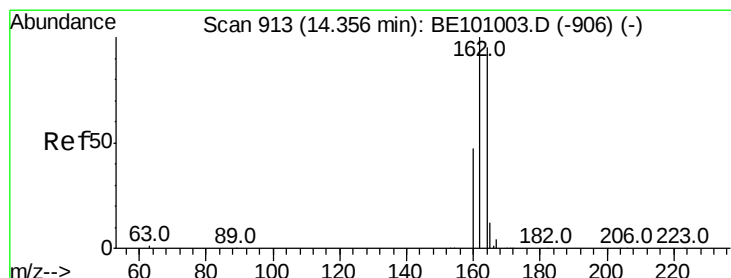
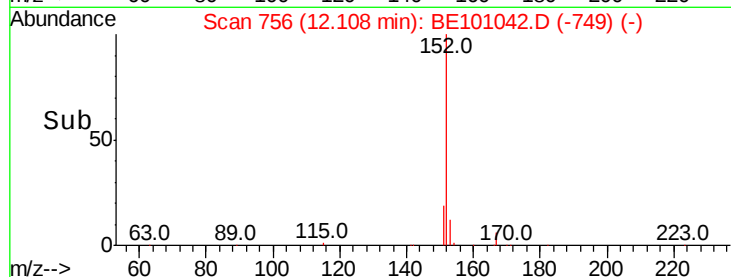
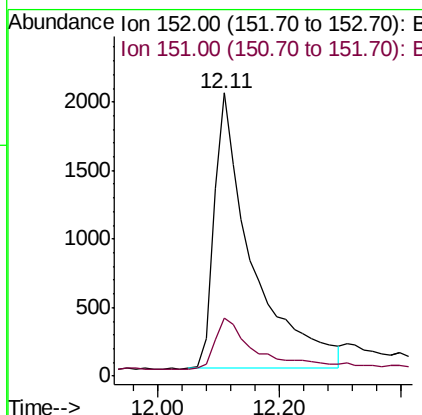
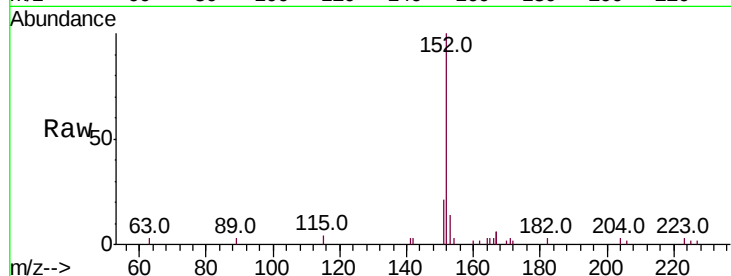




#11
 2-Methylnaphthalene-d10
 Concen: 0.344 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

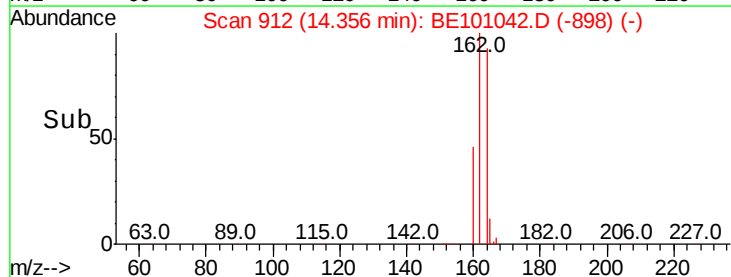
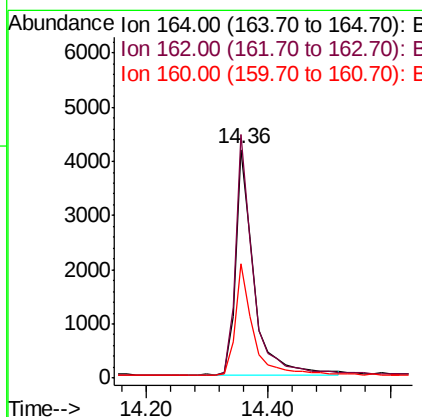
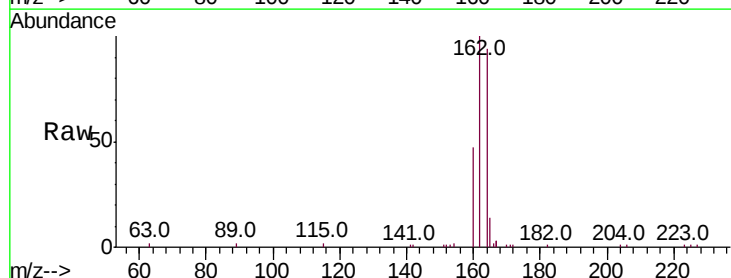
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-200107

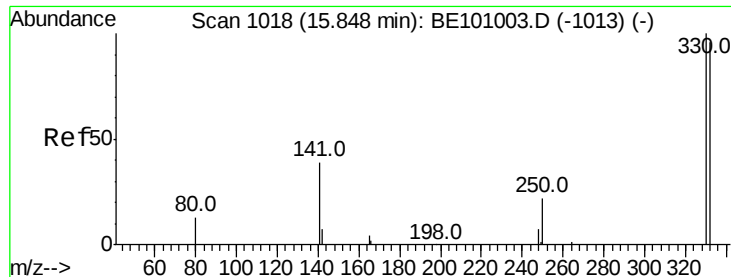
Tot Ion:152 Resp: 8629
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

Tgt Ion:164 Resp: 8672
 Ion Ratio Lower Upper
 164 100
 162 106.5 84.1 126.1
 160 50.0 40.4 60.6

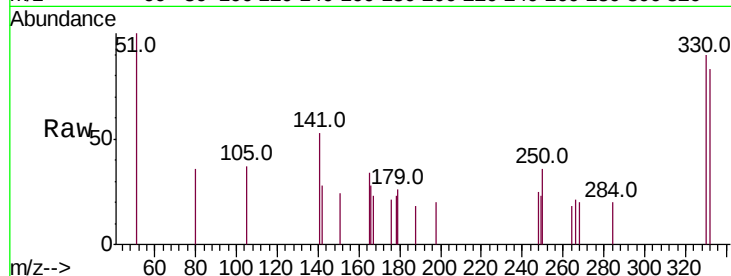




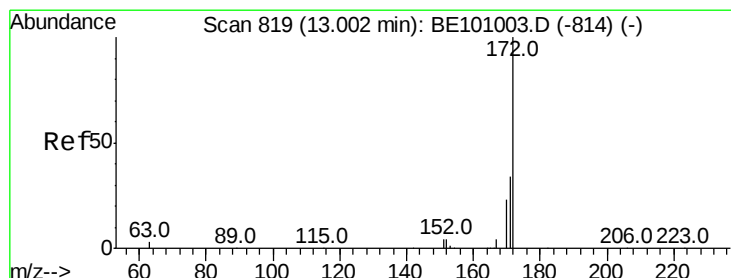
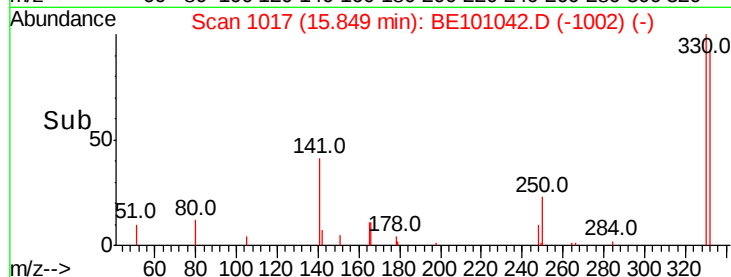
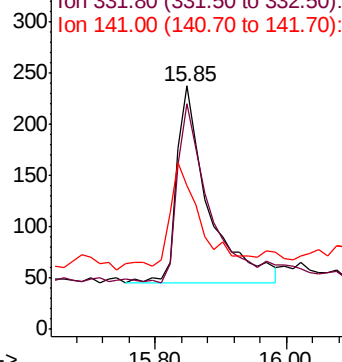
#14
 2,4,6-Tribromophenol
 Concen: 0.266 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-200107

Tot Ion:330 Resp: 652
 Ion Ratio Lower Upper
 330 100
 332 86.5 78.4 117.6
 141 47.2 37.0 55.4

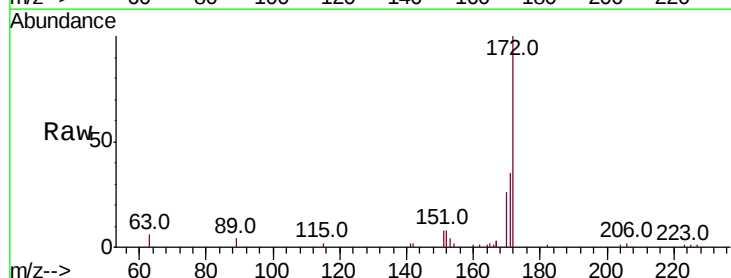


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

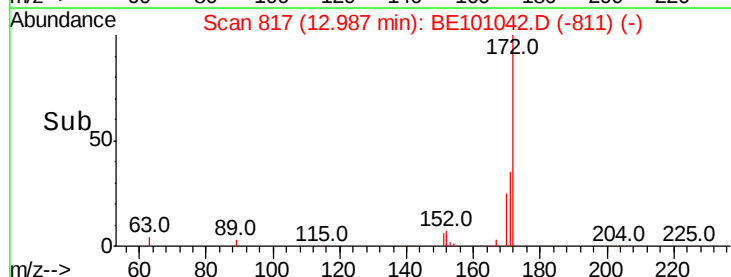
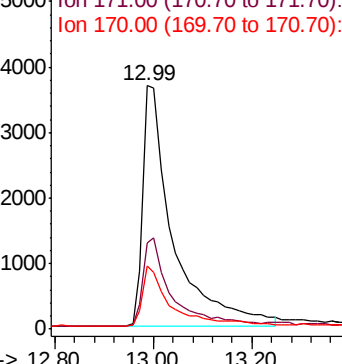


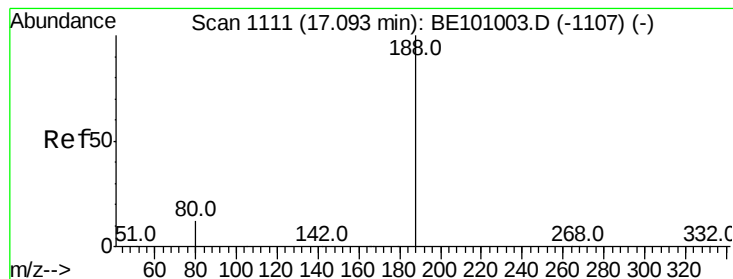
#15
 2-Fluorobiphenyl
 Concen: 0.474 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

Tgt Ion:172 Resp: 15599
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 25.9 18.9 28.3



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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

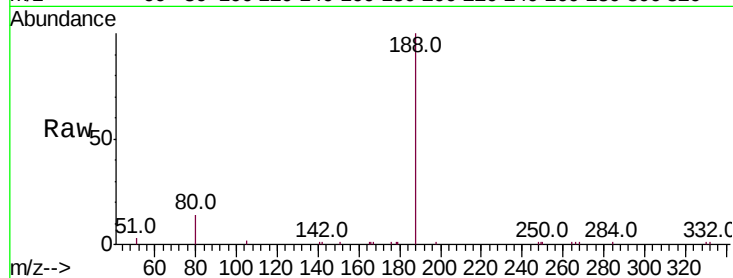
Tot Ion:188 Resp: 20171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

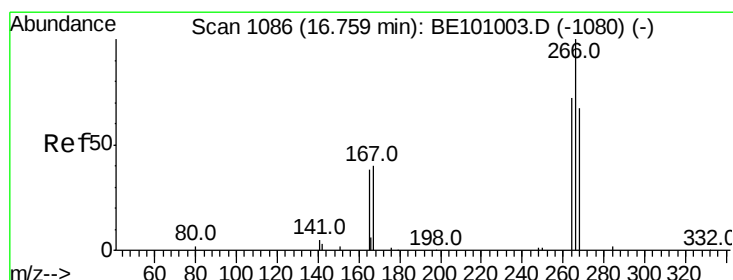
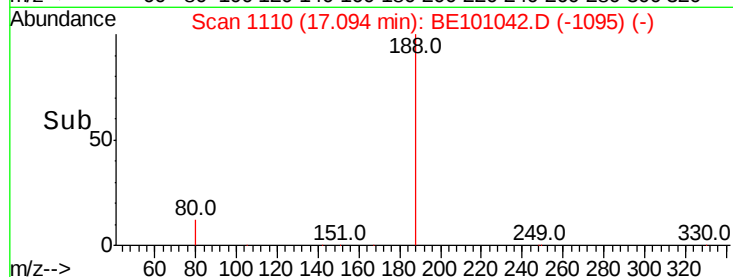
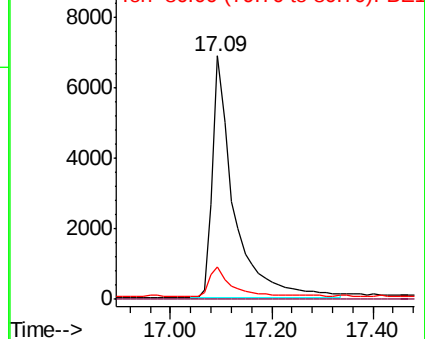
80 13.5 10.8 16.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.257 ng

RT: 16.79 min Scan# 1087

Delta R.T. 0.03 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

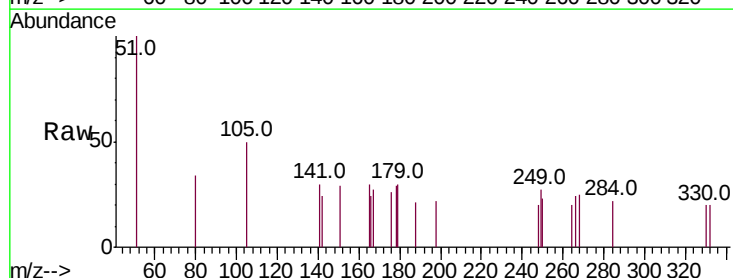
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 81.0 61.0 91.4

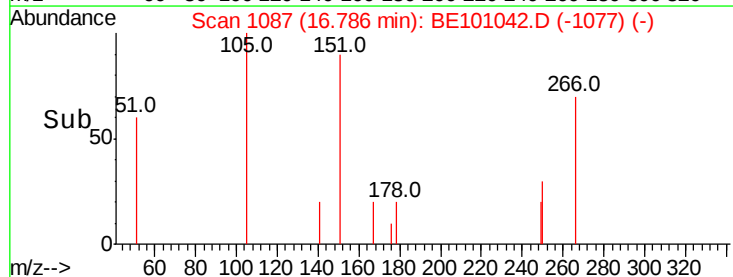
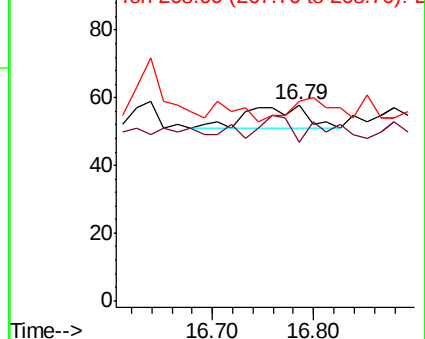
268 101.7 58.5 87.7#

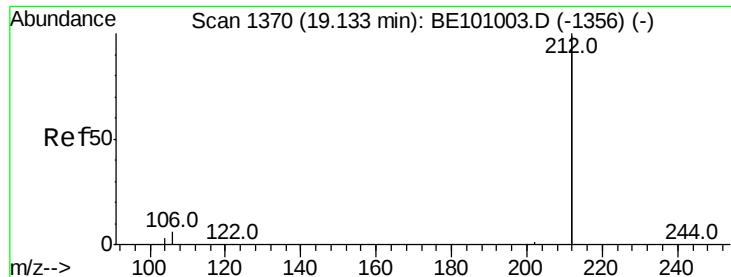


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

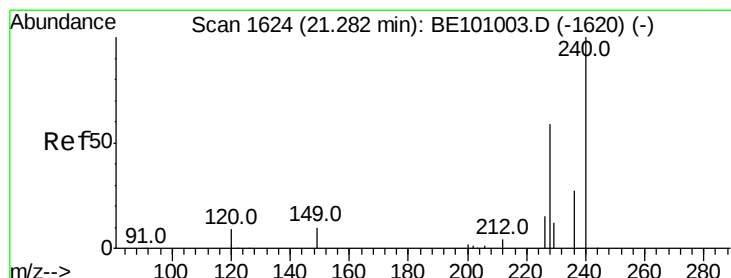
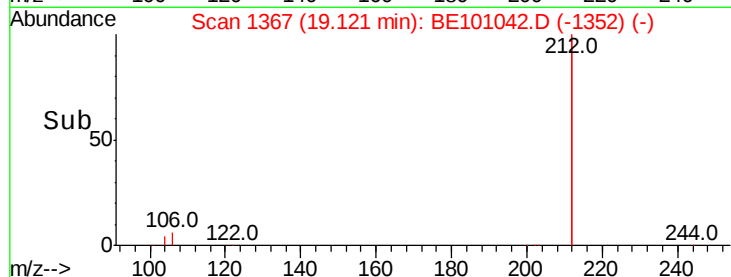
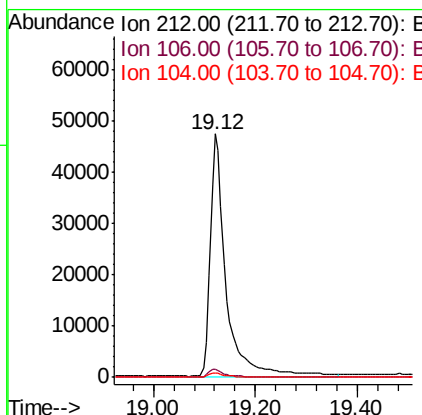
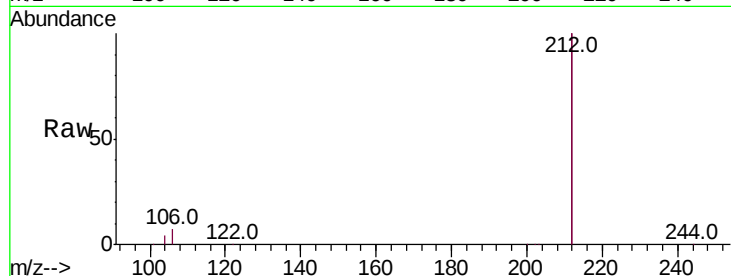




#25
 Fluoranthene-d10
 Concen: 0.364 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

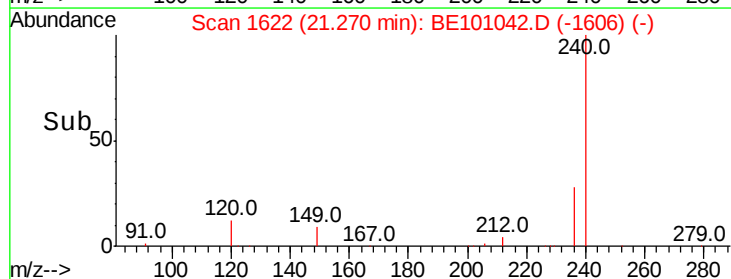
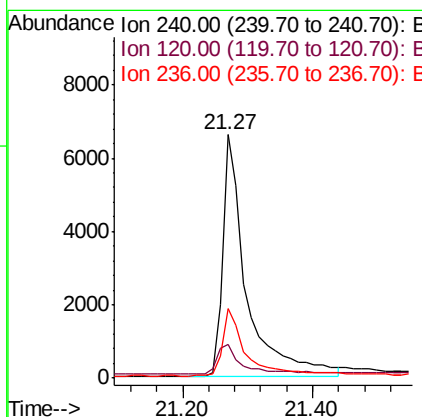
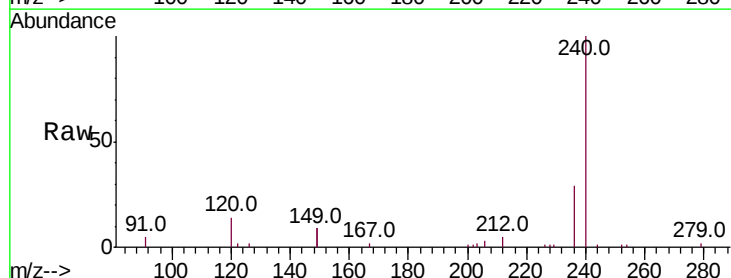
Instrument :
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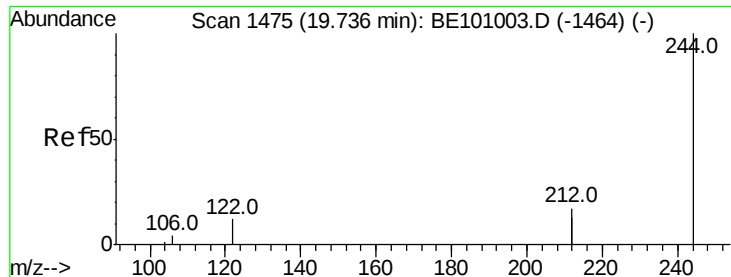
Tot Ion:212 Resp: 102089
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.6 3.8
 104 1.8 1.4 2.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

Tgt Ion:240 Resp: 17036
 Ion Ratio Lower Upper
 240 100
 120 13.9 8.6 13.0#
 236 28.7 22.2 33.4





#29

Terphenyl-d14

Concen: 0.538 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

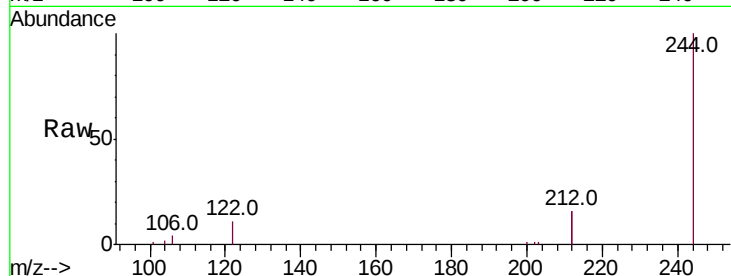
Tot Ion:244 Resp: 22490

Ion Ratio Lower Upper

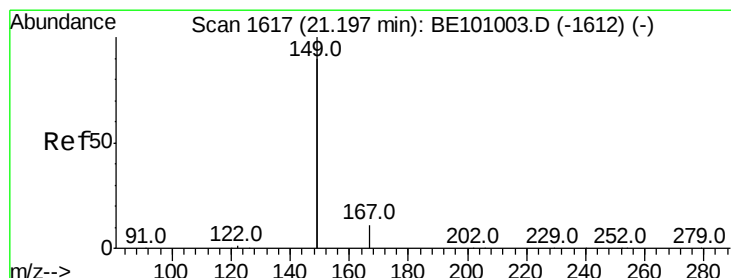
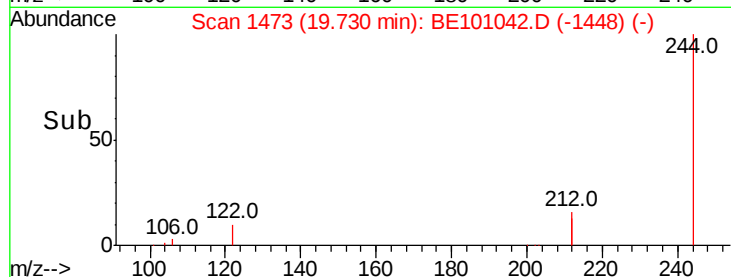
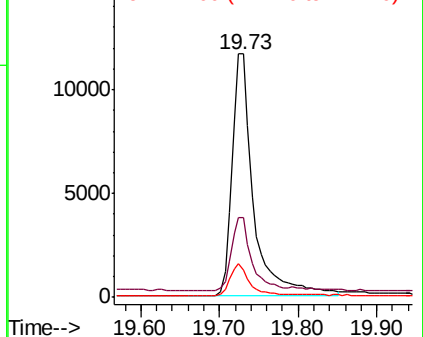
244 100

212 32.8 27.2 40.8

122 11.0 9.8 14.8



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: 0.112 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

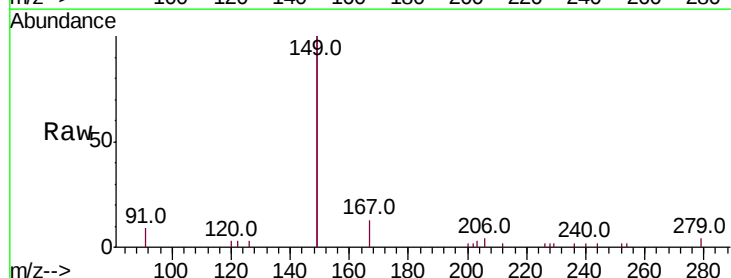
Tgt Ion:149 Resp: 9037

Ion Ratio Lower Upper

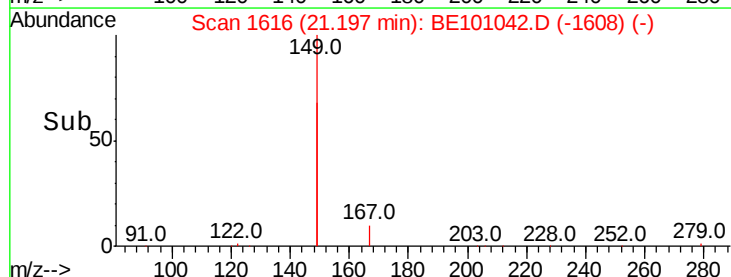
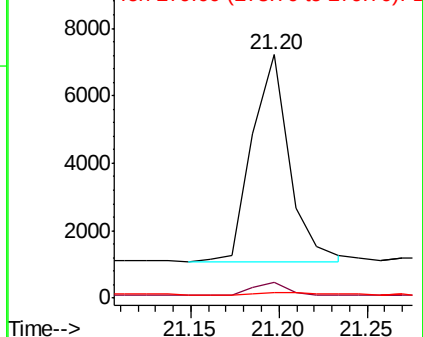
149 100

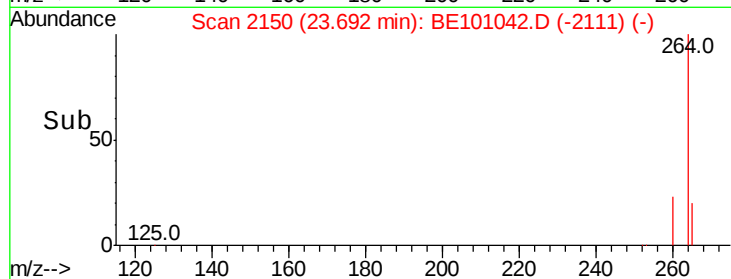
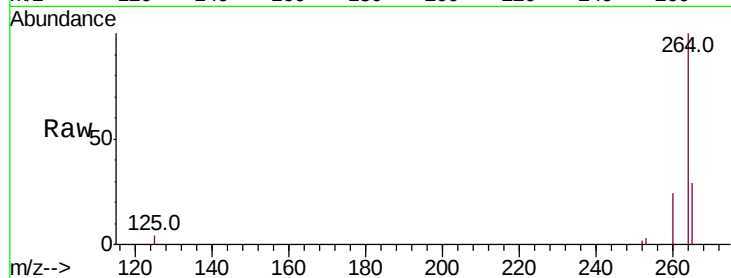
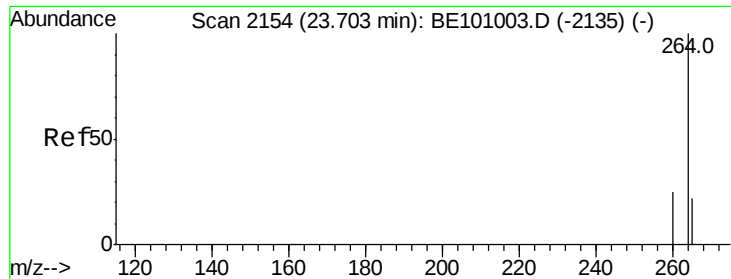
167 5.6 5.2 7.8

279 1.3 0.8 1.2#



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: 23.69 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

Tot Ion:264 Resp: 17901

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 28.8 27.0 40.4

