

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100824.D
 Acq On : 10 Dec 2019 23:53
 Operator : JU
 Sample : K6184-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D3-20191203

Quant Time: Dec 11 05:42:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

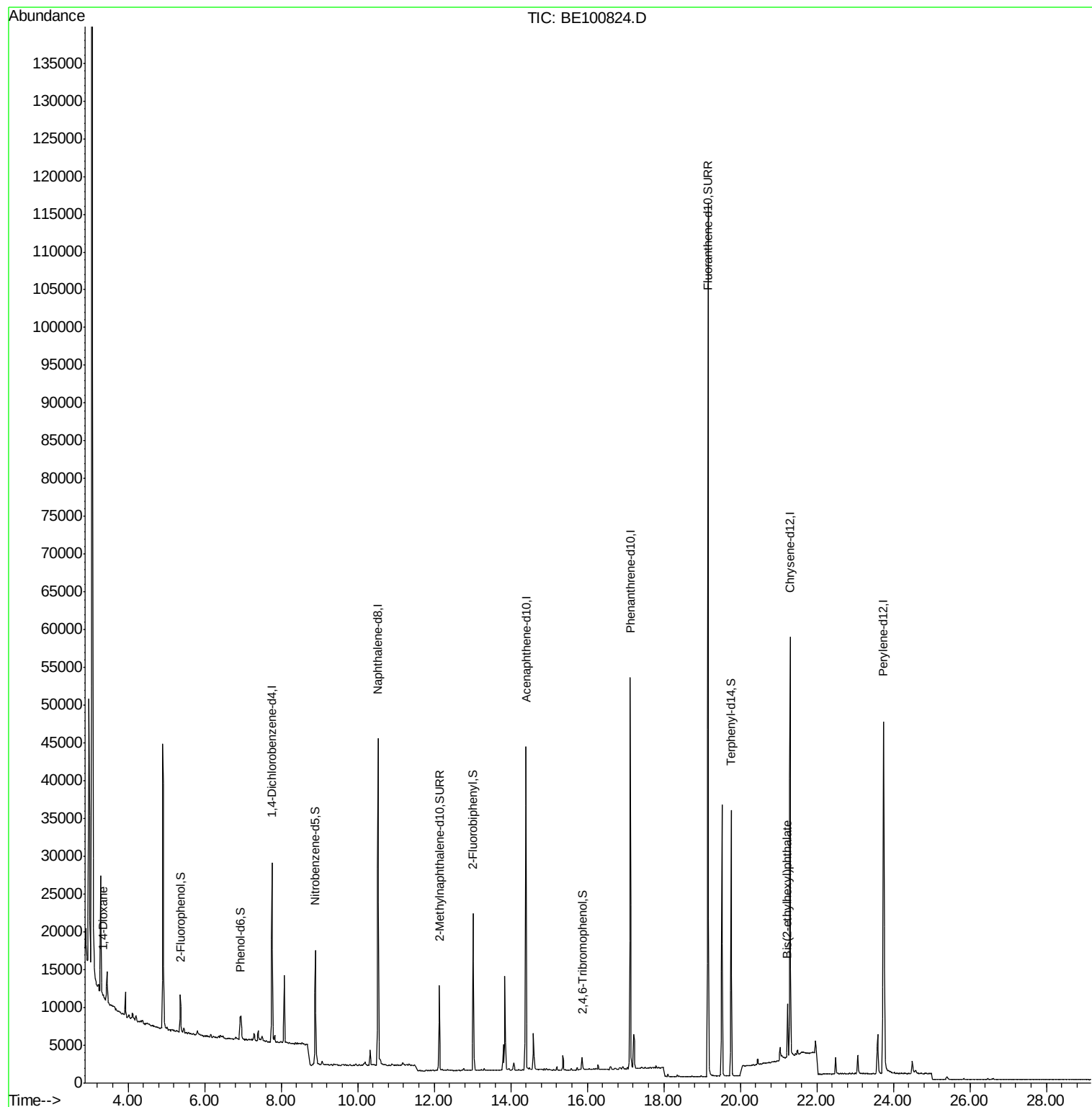
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	10308	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	48037	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	28314	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	66040	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	55649	0.40	ng	0.00
34) Perylene-d12	23.75	264	68863	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2494	0.10	ng	0.00
5) Phenol-d6	6.93	99	2490	0.07	ng	0.00
8) Nitrobenzene-d5	8.90	82	6047	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14395	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1044	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	19916	0.18	ng	-0.01
25) Fluoranthene-d10	19.15	212	150898	0.19	ng	0.00
29) Terphenyl-d14	19.76	244	28460	0.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	447	0.024	ng	# 26
32) Bis(2-ethylhexyl)phthalate	21.23	149	9985	0.021	ng	# 99

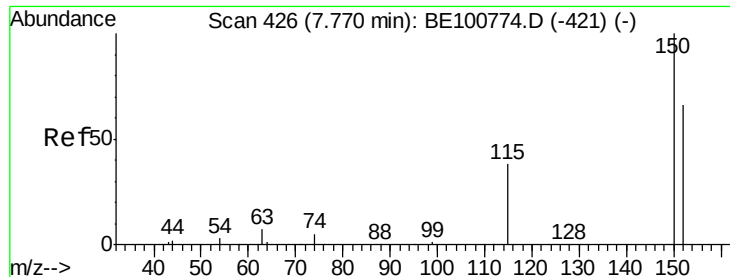
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 04 17:18:11 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100824.D

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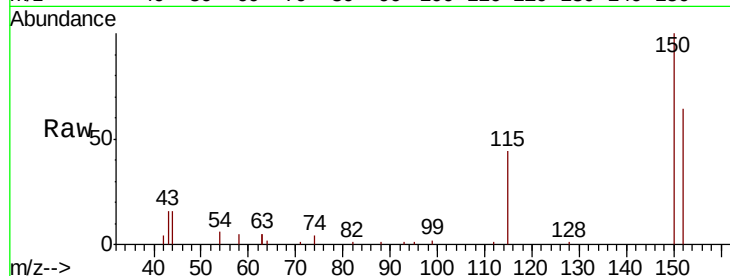
Tot Ion:152 Resp: 10308

Ion Ratio Lower Upper

152 100

150 156.4 120.6 181.0

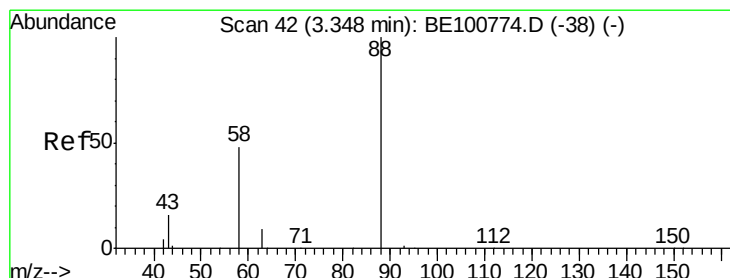
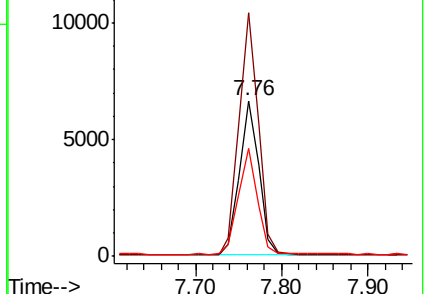
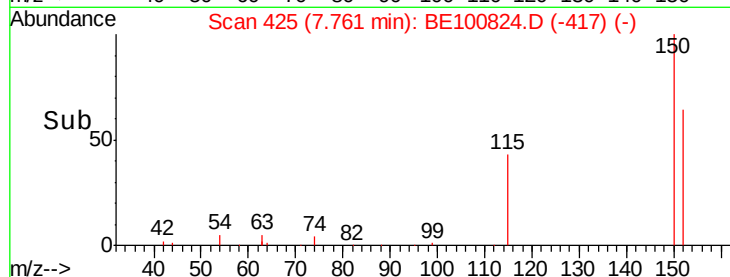
115 69.0 47.4 71.2



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: 0.024 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

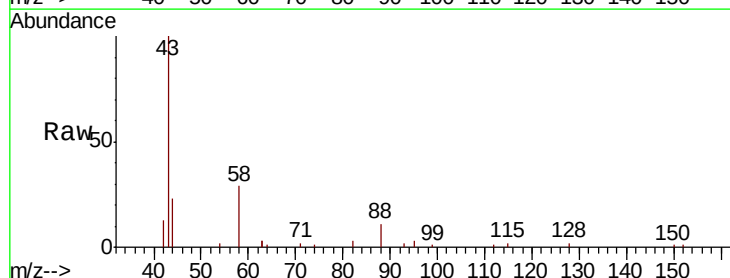
Tgt Ion: 88 Resp: 447

Ion Ratio Lower Upper

88 100

58 0.0 52.5 78.7#

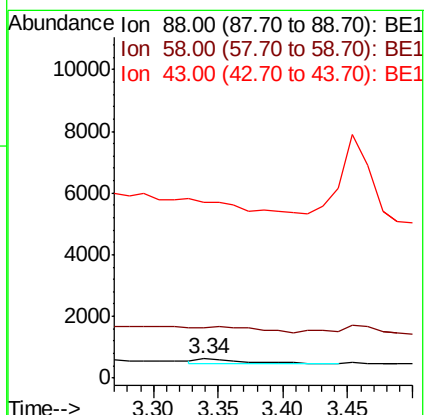
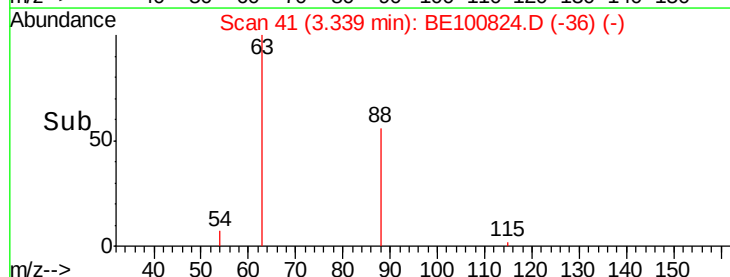
43 0.0 23.0 34.6#

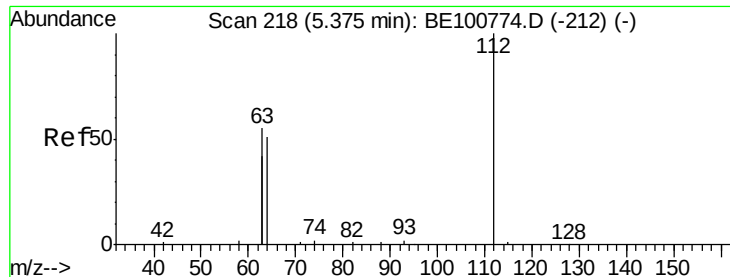


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.102 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

Instrument :

BNA_E

ClientSampleId :

RE122D3-20191203

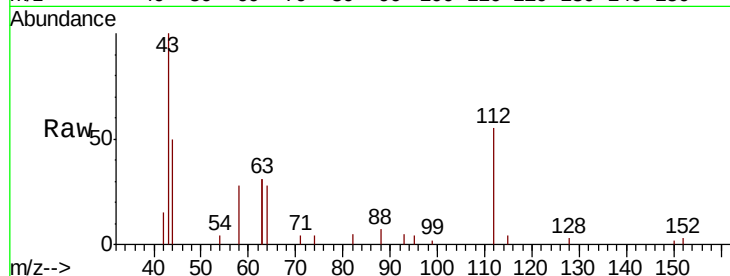
Tot Ion:112 Resp: 2494

Ion Ratio Lower Upper

112 100

64 69.6 54.1 81.1

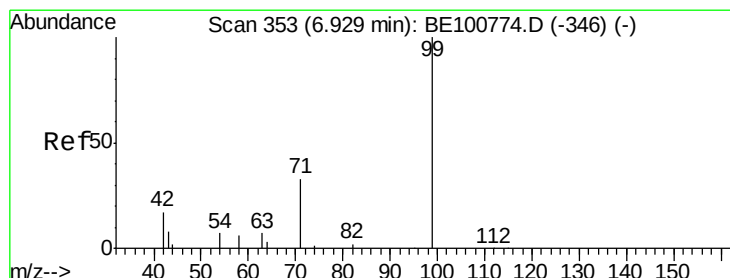
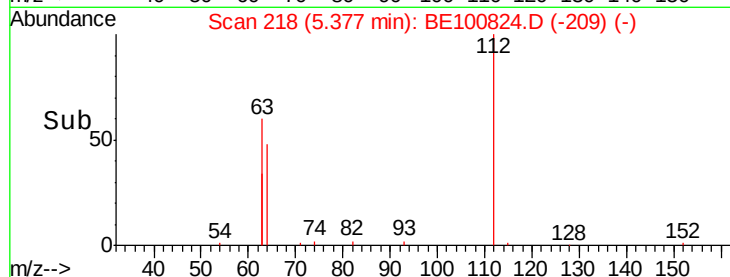
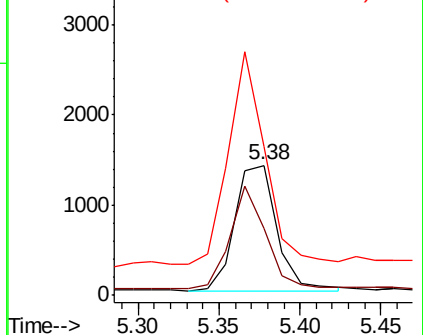
63 143.0 113.2 169.8



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: 0.067 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

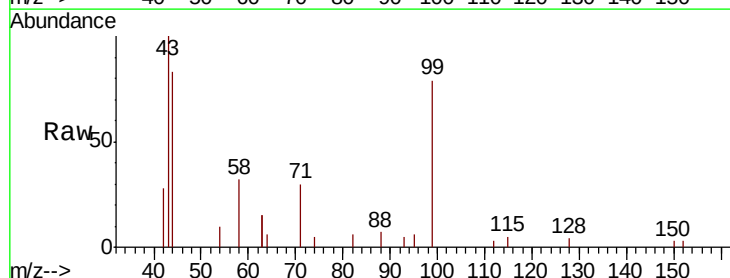
Tgt Ion: 99 Resp: 2490

Ion Ratio Lower Upper

99 100

42 23.7 19.1 28.7

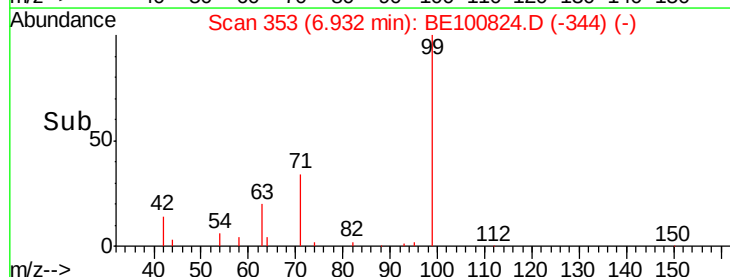
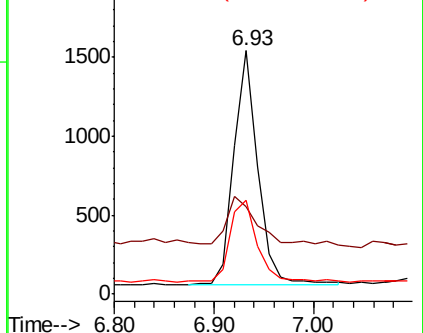
71 40.5 27.7 41.5

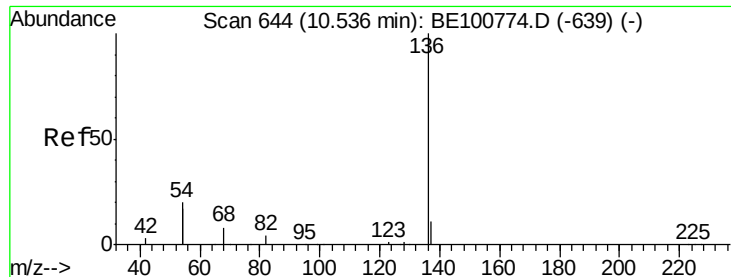


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

Instrument :

BNA_E

ClientSampleId :

RE122D3-20191203

Tot Ion:136 Resp: 48037

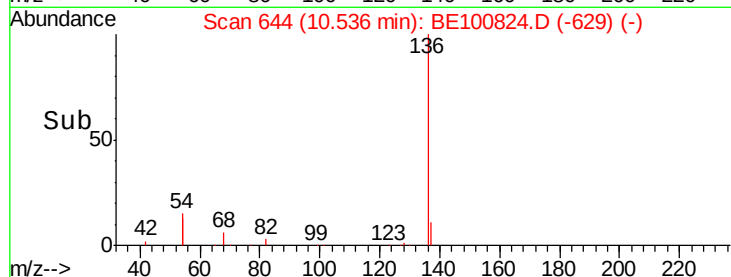
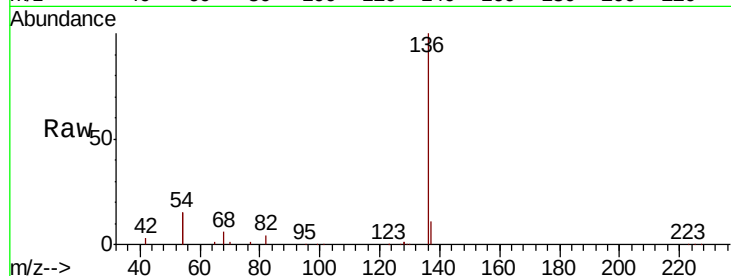
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 29.8 31.1 46.7#

68 6.5 6.6 10.0#

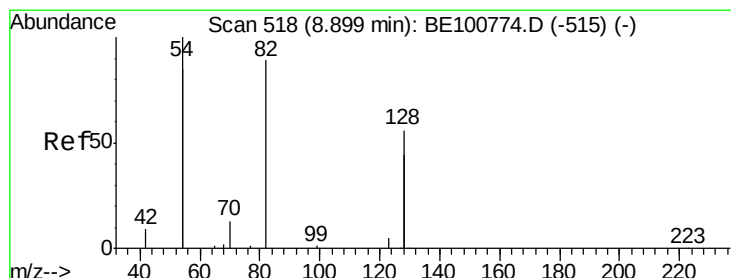
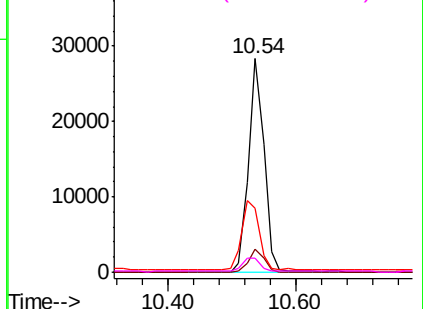


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.264 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

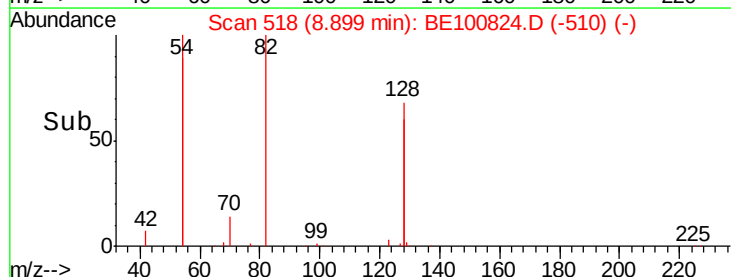
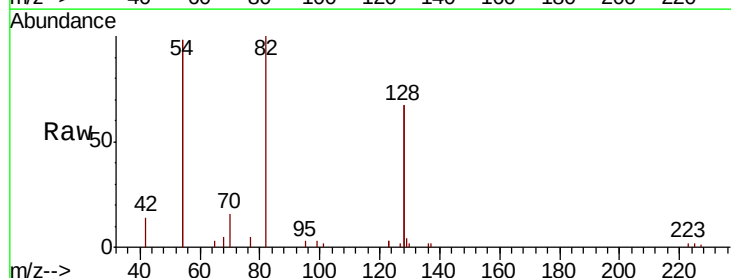
Tgt Ion: 82 Resp: 6047

Ion Ratio Lower Upper

82 100

128 133.2 97.0 145.4

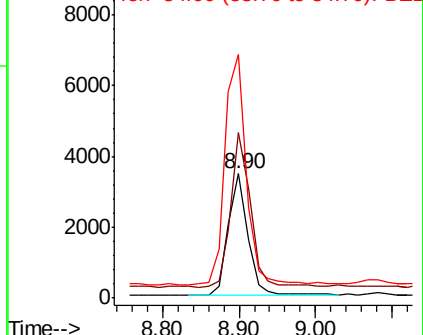
54 195.6 171.8 257.6

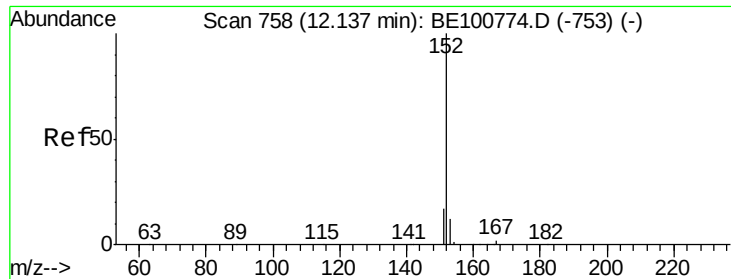


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

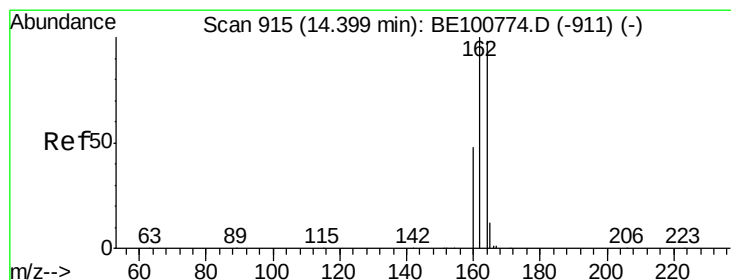
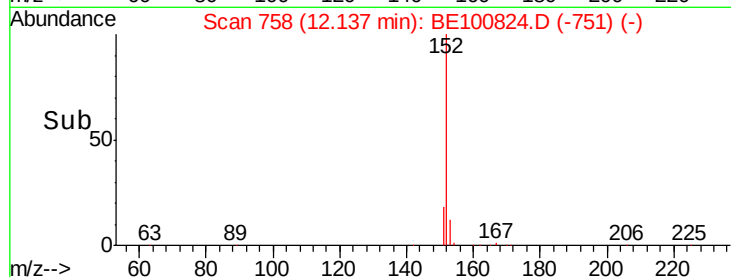
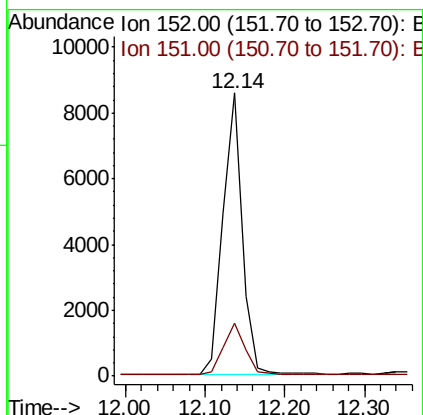
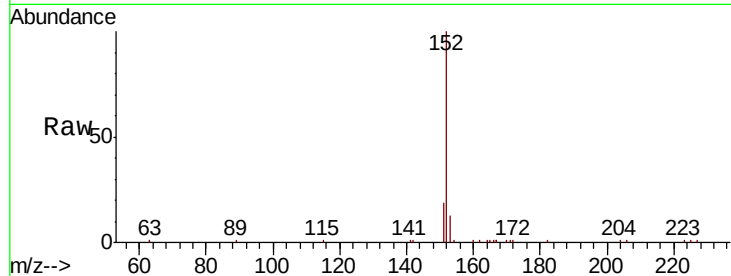




#11
 2-Methylnaphthalene-d10
 Concen: 0.207 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100824.D
 Acq: 10 Dec 2019 23:53

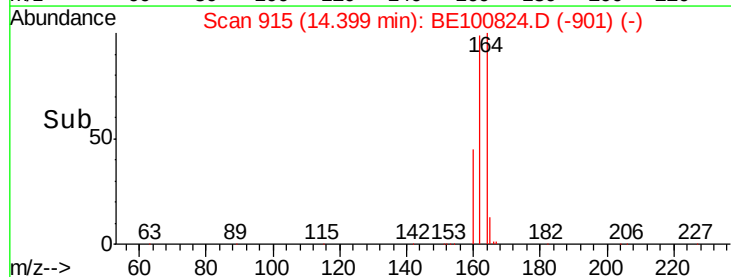
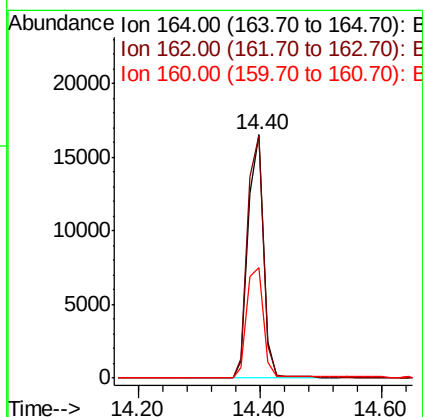
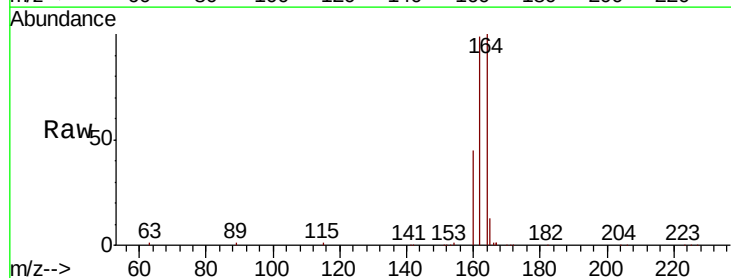
Instrument :
 BNA_E
 ClientSampleId :
 RE122D3-20191203

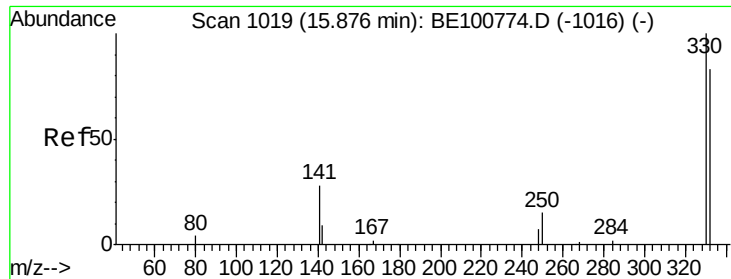
Tot Ion:152 Resp: 14395
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100824.D
 Acq: 10 Dec 2019 23:53

Tgt Ion:164 Resp: 28314
 Ion Ratio Lower Upper
 164 100
 162 99.4 81.4 122.0
 160 45.4 39.4 59.0

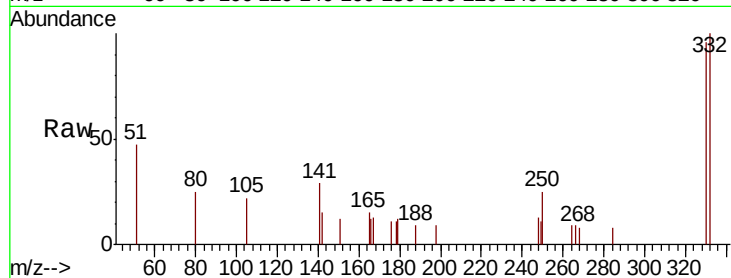




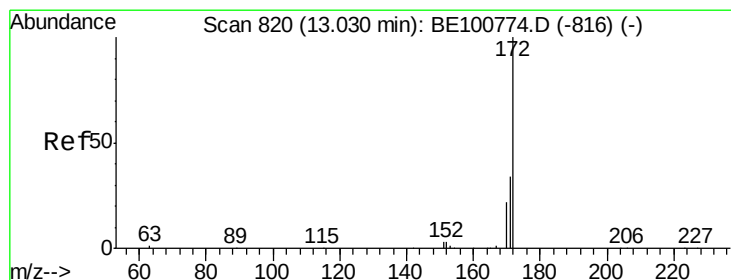
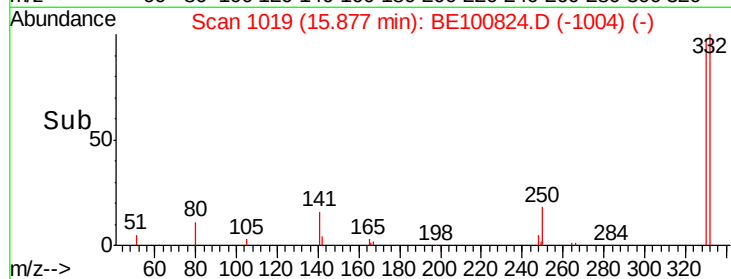
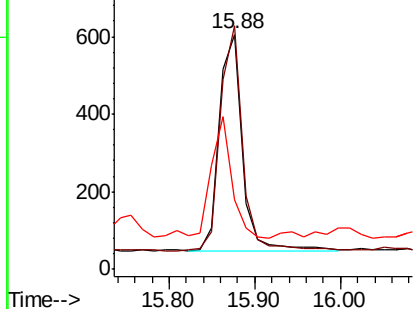
#14
 2,4,6-Tribromophenol
 Concen: 0.332 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100824.D
 Acq: 10 Dec 2019 23:53

Instrument :
 BNA_E
 ClientSampleId :
 RE122D3-20191203

Tot Ion:330 Resp: 1044
 Ion Ratio Lower Upper
 330 100
 332 100.5 69.4 104.2
 141 51.8 51.1 76.7

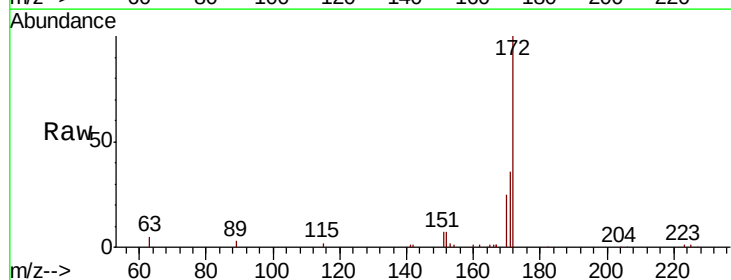


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

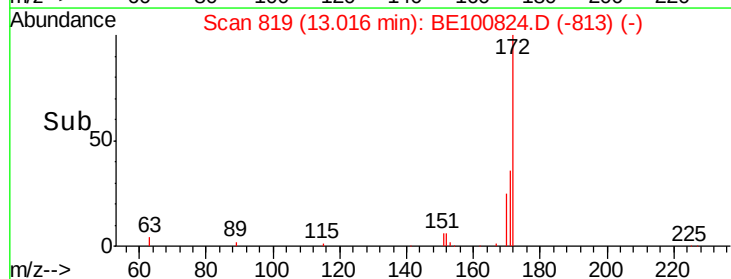
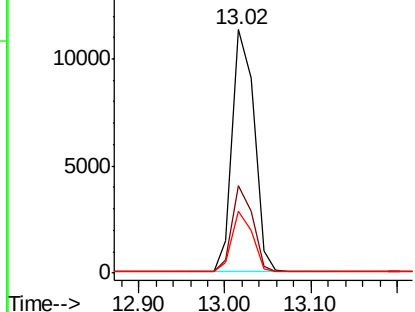


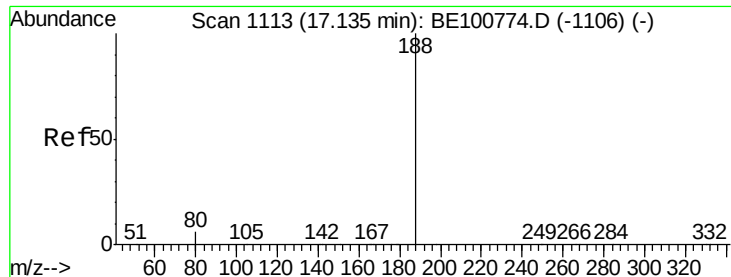
#15
 2-Fluorobiphenyl
 Concen: 0.177 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100824.D
 Acq: 10 Dec 2019 23:53

Tgt Ion:172 Resp: 19916
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.2 40.8
 170 25.3 18.0 27.0



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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

Instrument :

BNA_E

ClientSampleId :

RE122D3-20191203

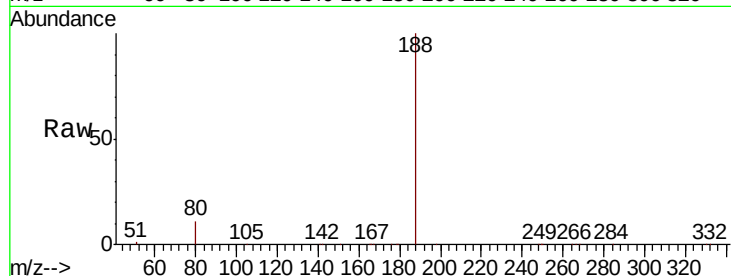
Tot Ion:188 Resp: 66040

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

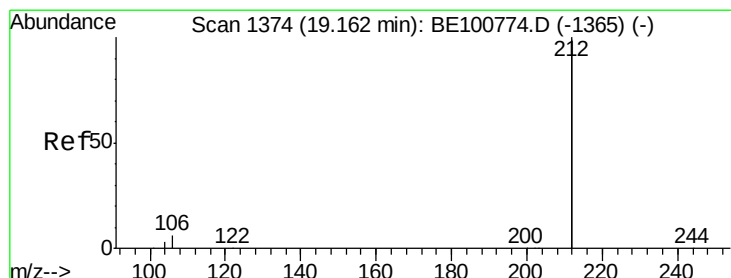
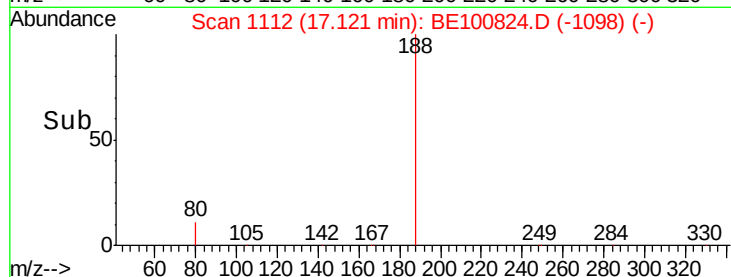
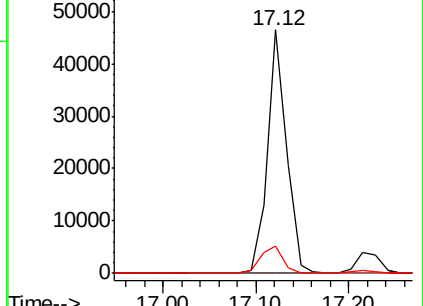
80 11.3 5.2 7.8#



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



#25

Fluoranthene-d10

Concen: 0.193 ng

RT: 19.15 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

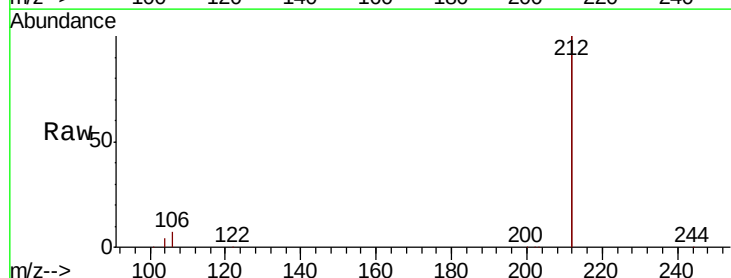
Tgt Ion:212 Resp: 150898

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

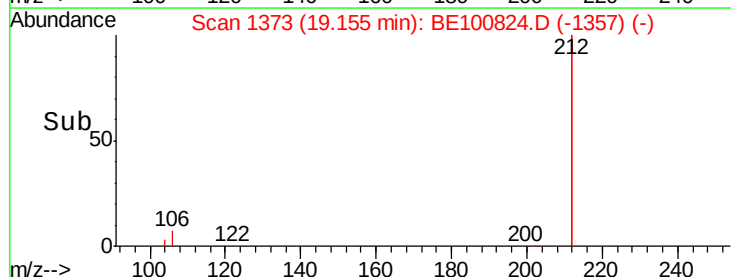
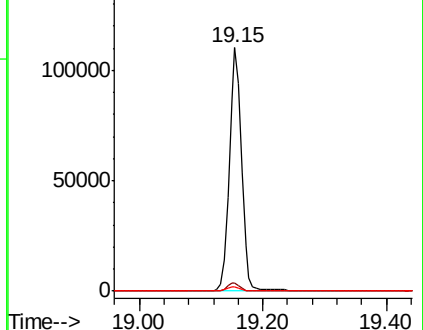
104 1.9 1.4 2.2

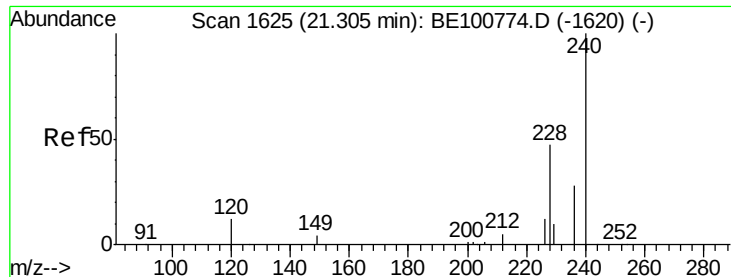


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

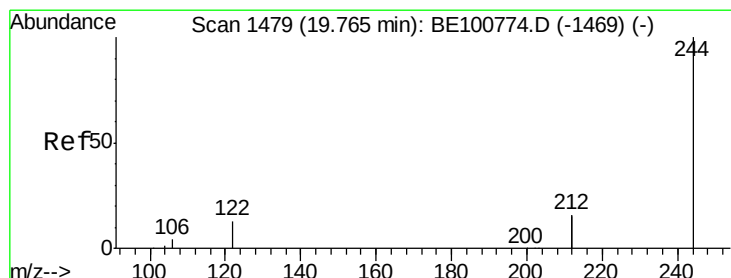
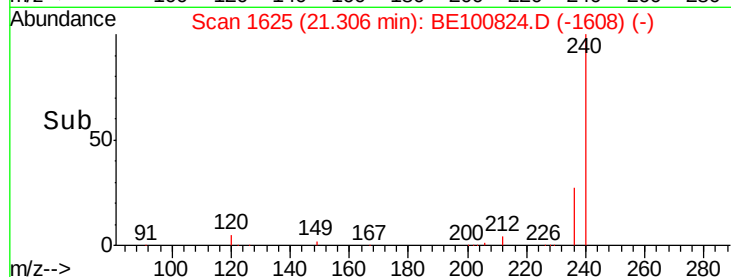
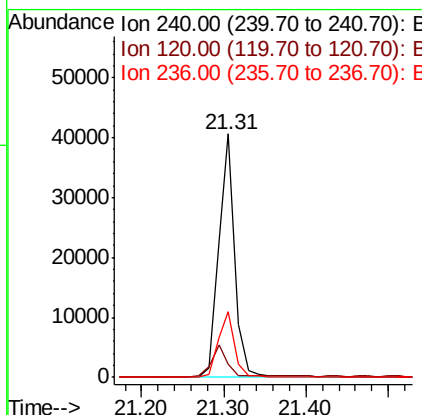
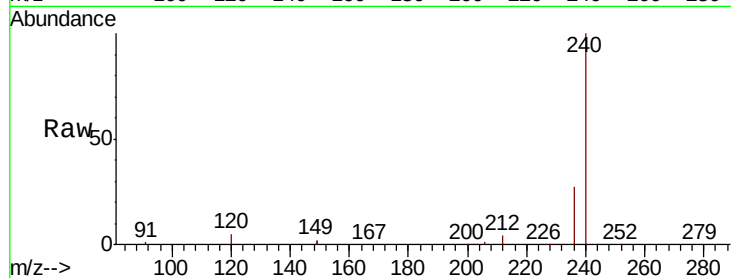




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100824.D
Acq: 10 Dec 2019 23:53

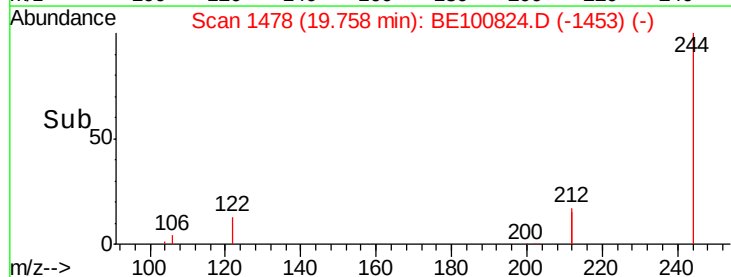
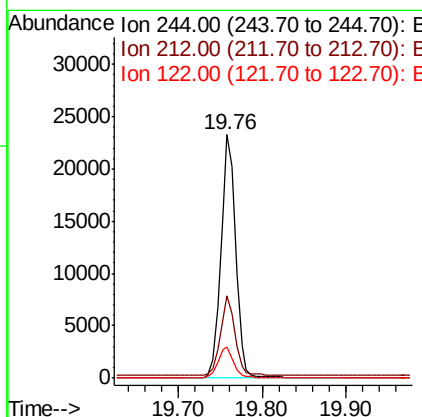
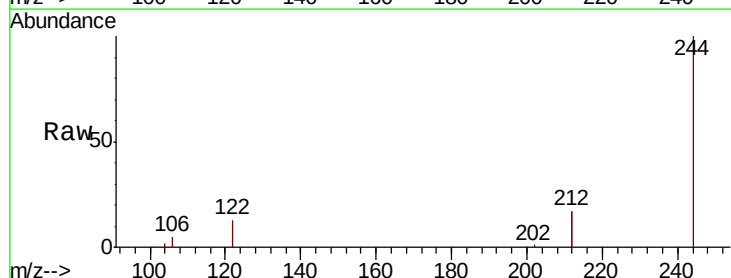
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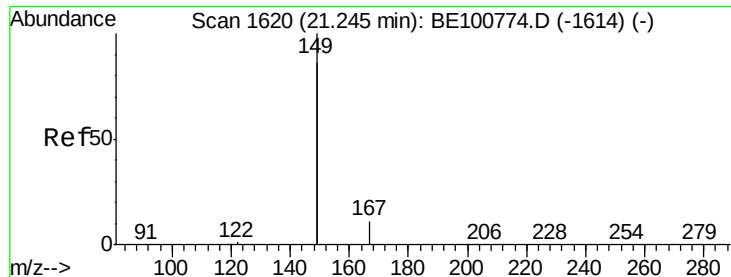
Tot Ion:240 Resp: 55649
Ion Ratio Lower Upper
240 100
120 5.3 10.2 15.2#
236 26.8 22.3 33.5



#29
Terphenyl-d14
Concen: 0.213 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100824.D
Acq: 10 Dec 2019 23:53

Tgt Ion:244 Resp: 28460
Ion Ratio Lower Upper
244 100
212 33.6 26.2 39.4
122 13.0 10.2 15.4





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

Instrument :

BNA_E

ClientSampleId :

RE122D3-20191203

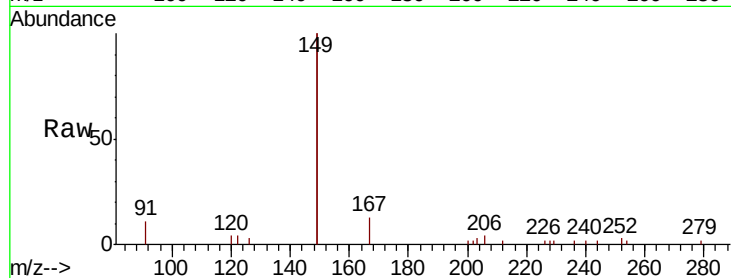
Tot Ion:149 Resp: 9985

Ion Ratio Lower Upper

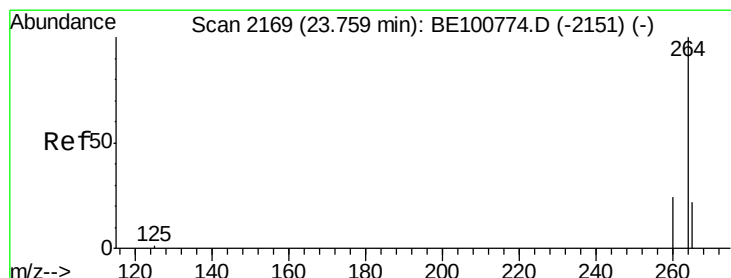
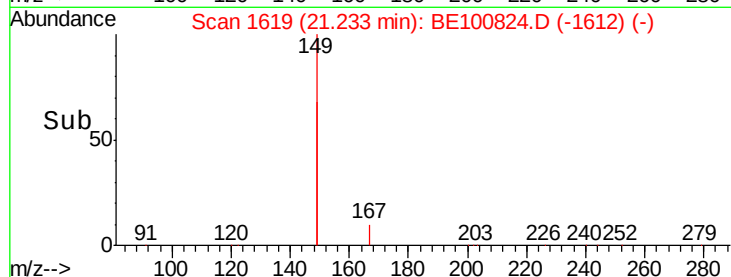
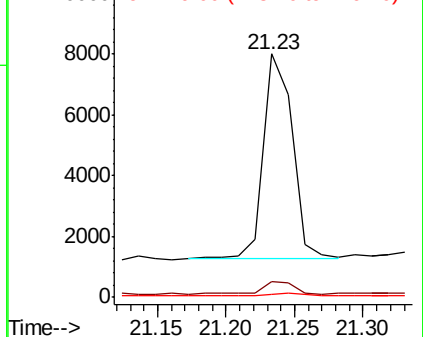
149 100

167 6.6 5.0 7.6

279 1.1 0.7 1.1#



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: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE100824.D

Acq: 10 Dec 2019 23:53

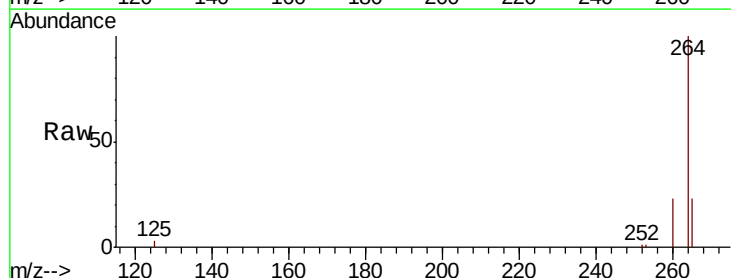
Tgt Ion:264 Resp: 68863

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 23.0 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

