

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100684.D
 Acq On : 28 Oct 2019 21:33
 Operator : JU
 Sample : K5546-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:53:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

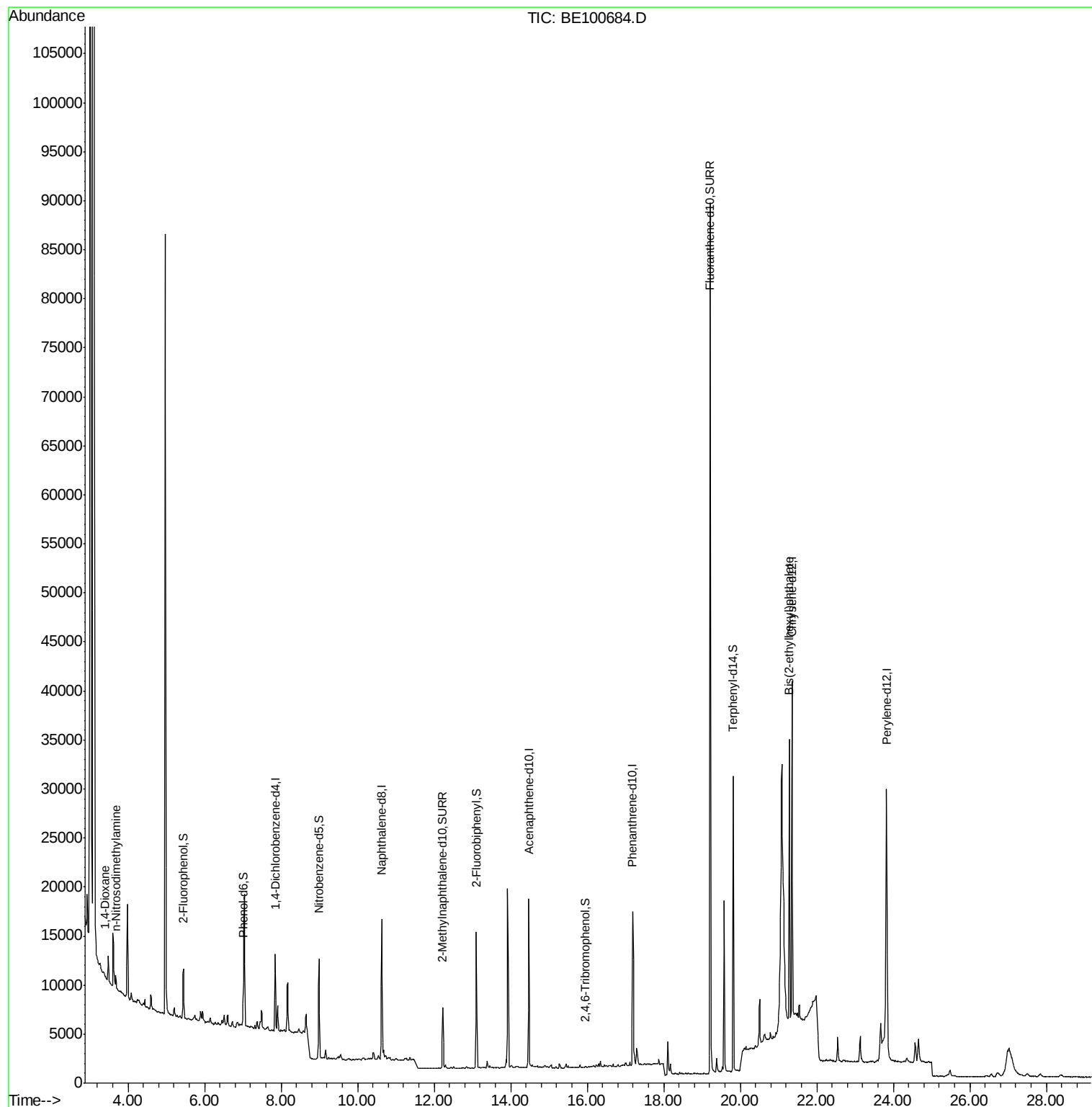
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3648	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15501	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9796	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	23012	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	34210	0.40	ng	0.00
34) Perylene-d12	23.82	264	40145	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2746	0.24	ng	0.00
5) Phenol-d6	7.01	99	2658	0.17	ng	0.00
8) Nitrobenzene-d5	8.99	82	4236	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8054	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	59	0.02	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	12222	0.34	ng	0.00
25) Fluoranthene-d10	19.21	212	120011	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	27547	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	241	0.037	ng	Qvalue # 21
3) n-Nitrosodimethylamine	3.68	42	285	0.041	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.28	149	33418	0.143	ng	100

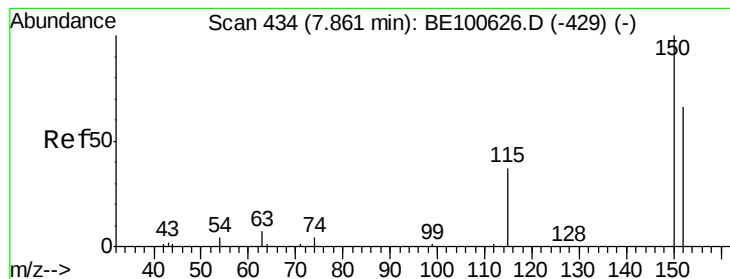
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 16:49:33 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

Instrument :

BNA_E

ClientSampleId :

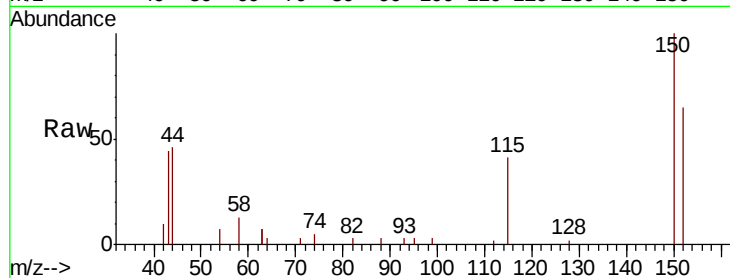
Tot Ion:152 Resp: 3648

Ion Ratio Lower Upper

152 100

150 152.9 123.3 184.9

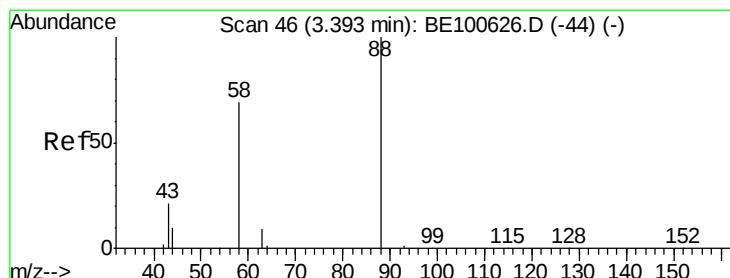
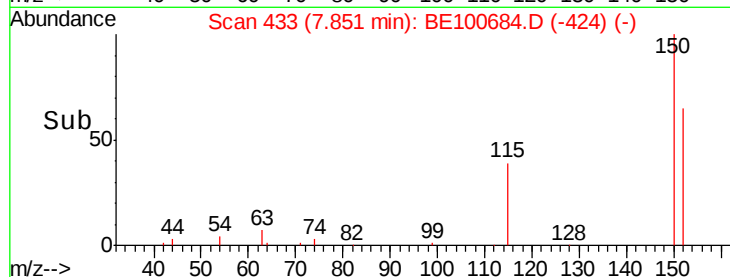
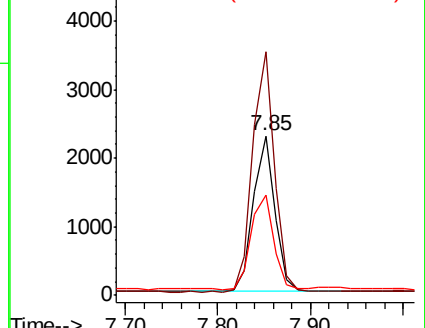
115 63.1 51.9 77.9



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: 0.037 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

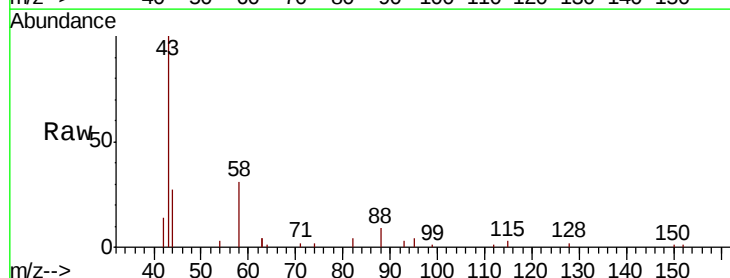
Tgt Ion: 88 Resp: 241

Ion Ratio Lower Upper

88 100

58 0.0 59.8 89.6#

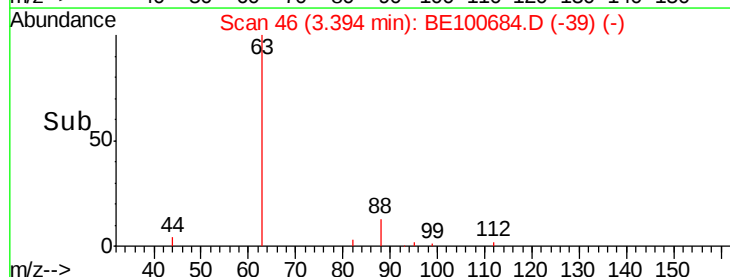
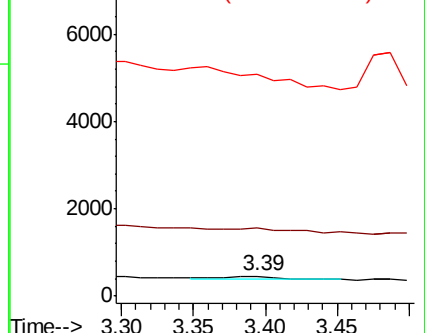
43 0.0 24.6 36.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.041 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

Instrument :

BNA_E

ClientSampleId :

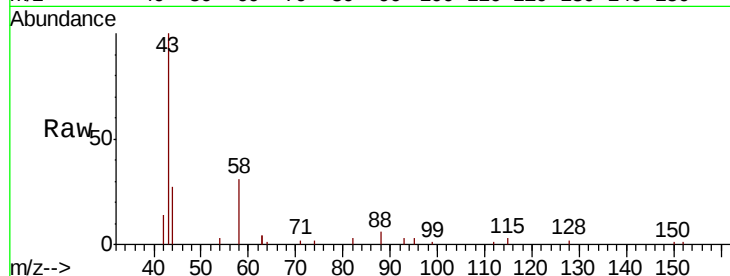
Tot Ion: 42 Resp: 285

Ion Ratio Lower Upper

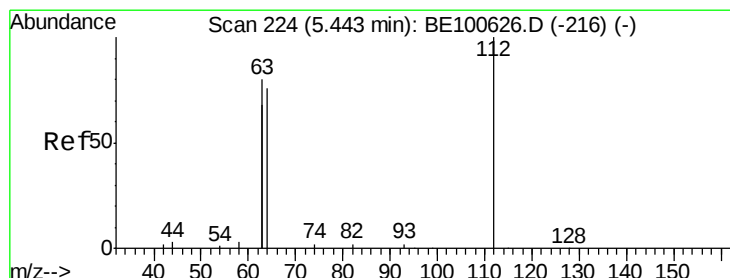
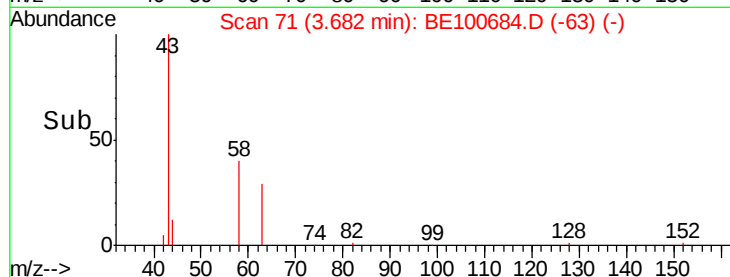
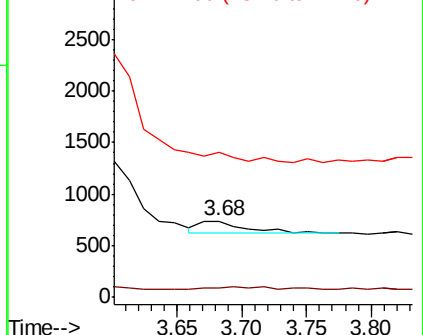
42 100

74 0.0 97.2 145.8#

44 0.0 16.6 24.8#



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: 0.244 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

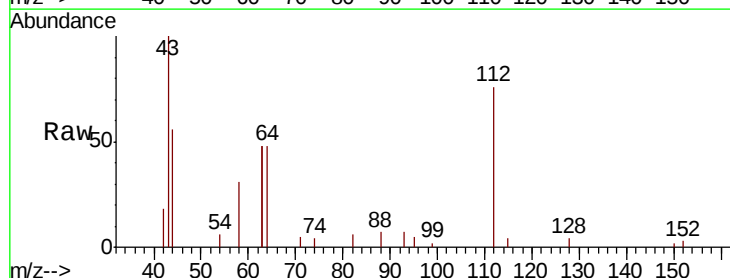
Tgt Ion: 112 Resp: 2746

Ion Ratio Lower Upper

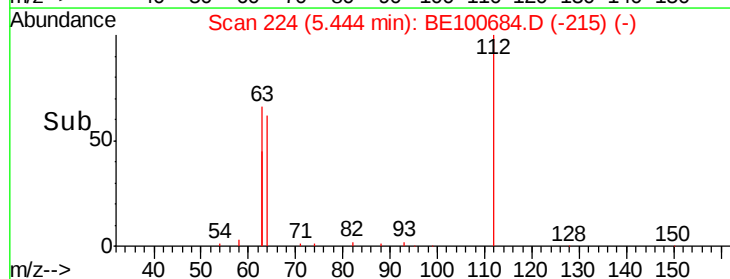
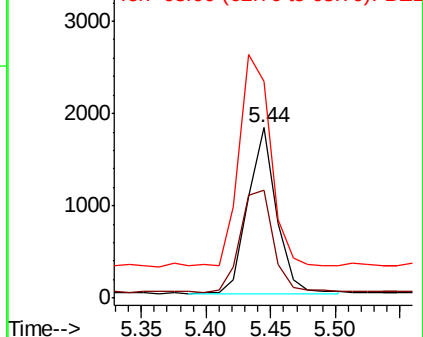
112 100

64 71.7 55.4 83.2

63 139.9 114.2 171.4



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: 0.167 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

Instrument :

BNA_E

ClientSampleId :

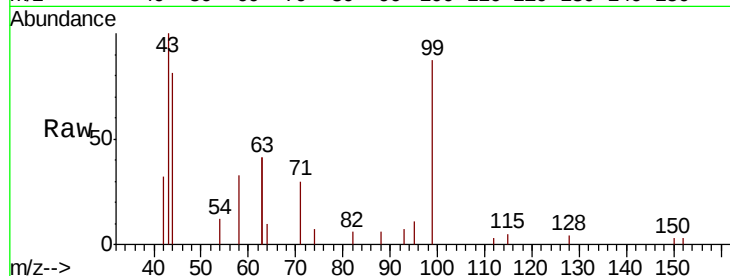
Tot Ion: 99 Resp: 2658

Ion Ratio Lower Upper

99 100

42 46.9 17.7 26.5#

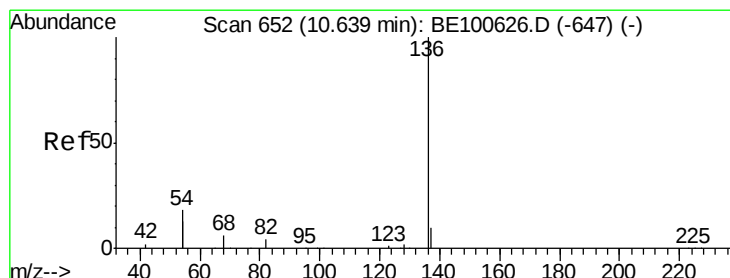
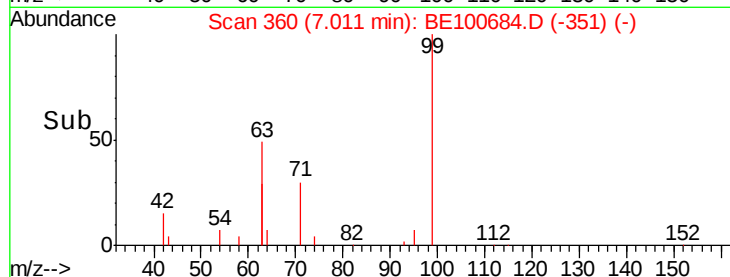
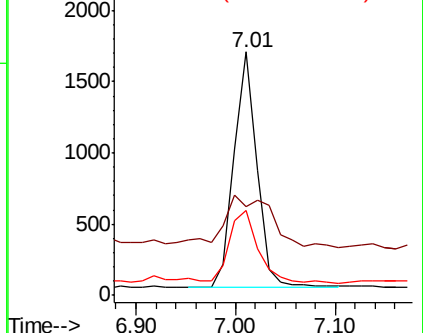
71 38.6 27.4 41.0



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

Tgt Ion: 136 Resp: 15501

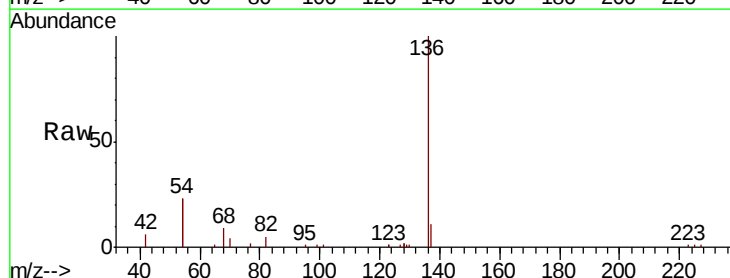
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 45.9 39.4 59.2

68 9.3 8.0 12.0

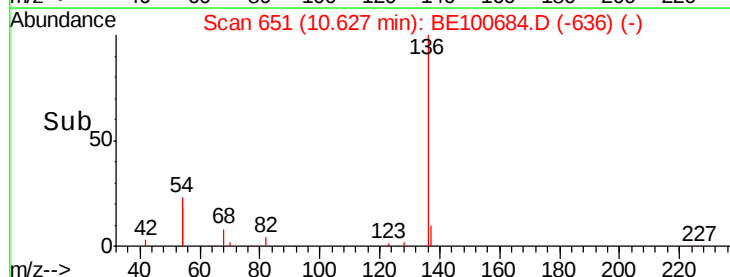
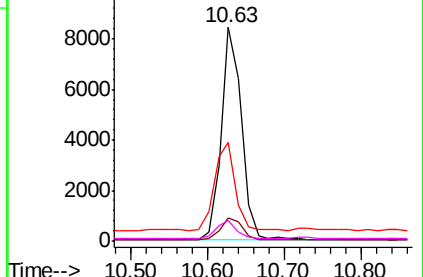


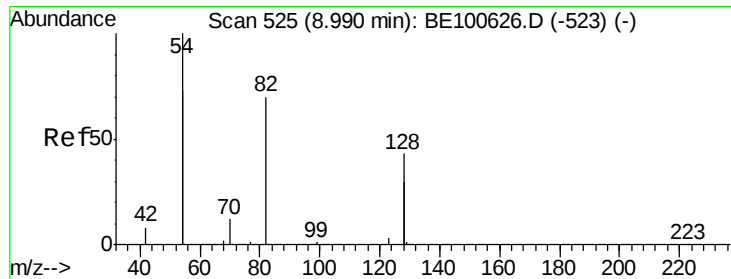
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.441 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

Instrument :

BNA_E

ClientSampleId :

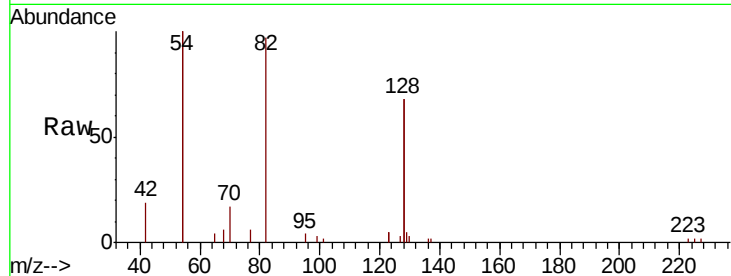
Tot Ion: 82 Resp: 4236

Ion Ratio Lower Upper

82 100

128 139.8 107.8 161.8

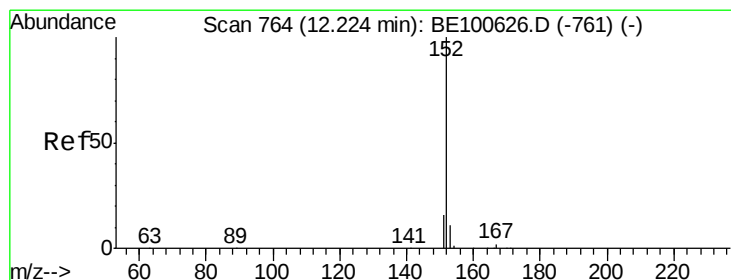
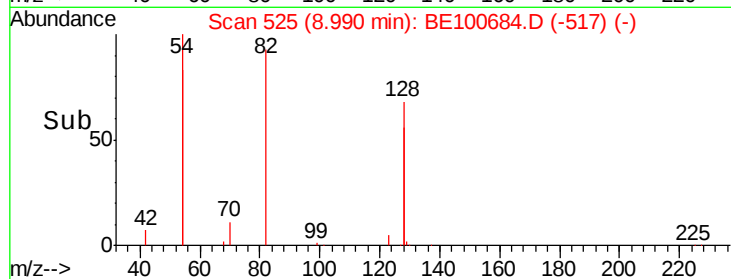
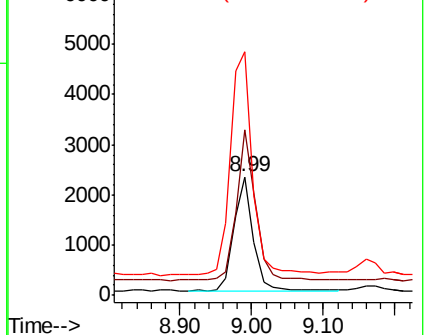
54 205.7 166.1 249.1



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100684.D

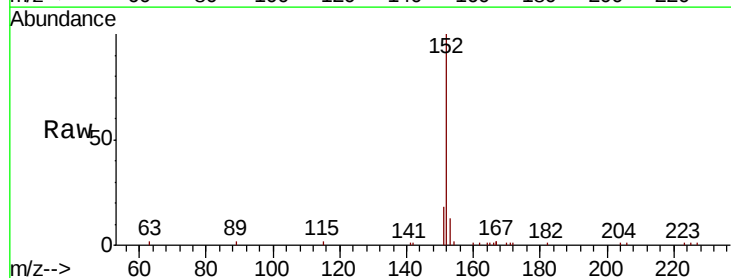
Acq: 28 Oct 2019 21:33

Tgt Ion: 152 Resp: 8054

Ion Ratio Lower Upper

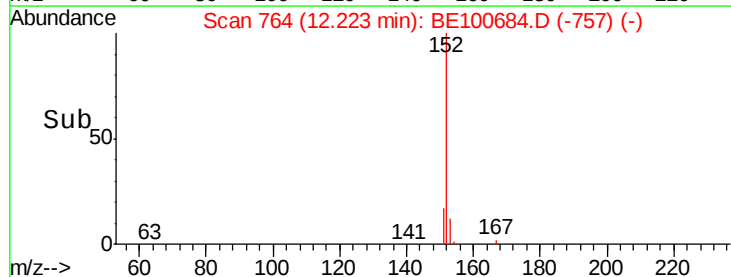
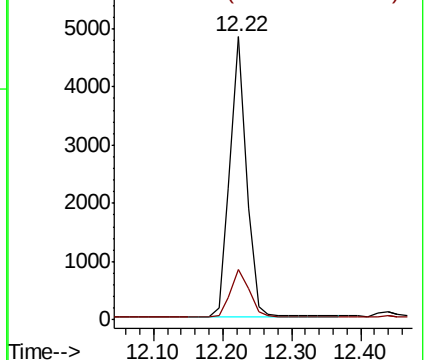
152 100

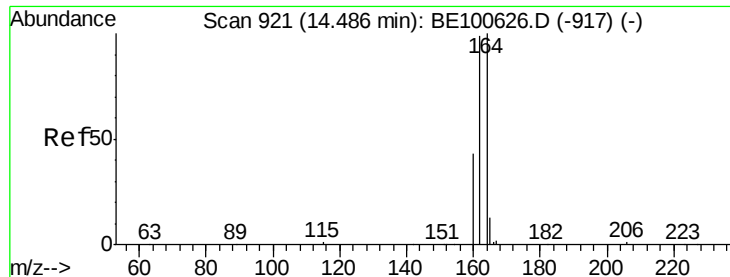
151 19.1 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

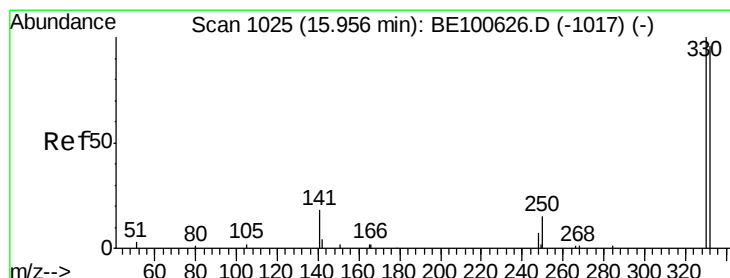
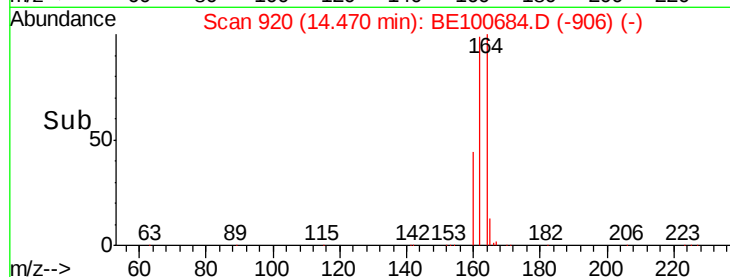
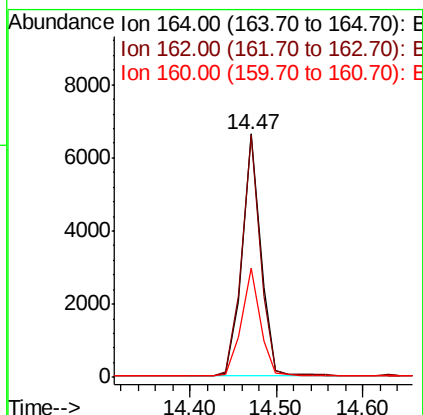
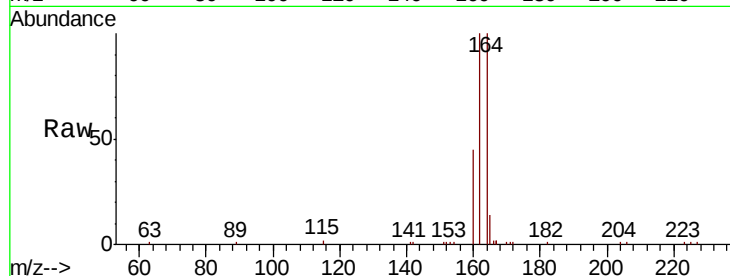




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100684.D
Acq: 28 Oct 2019 21:33

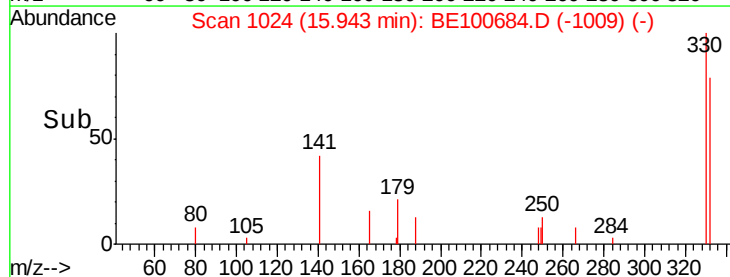
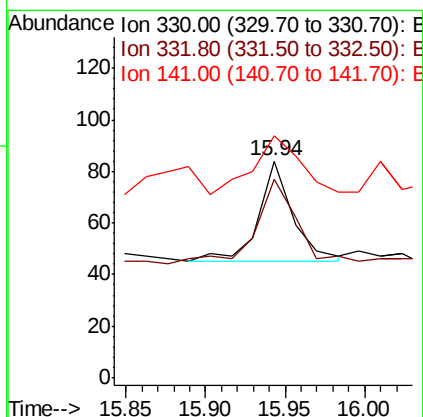
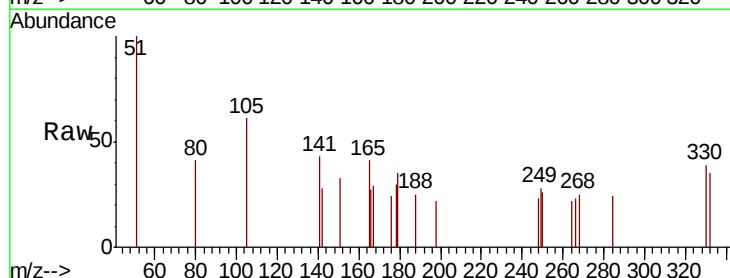
Instrument :
BNA_E
ClientSampleId :

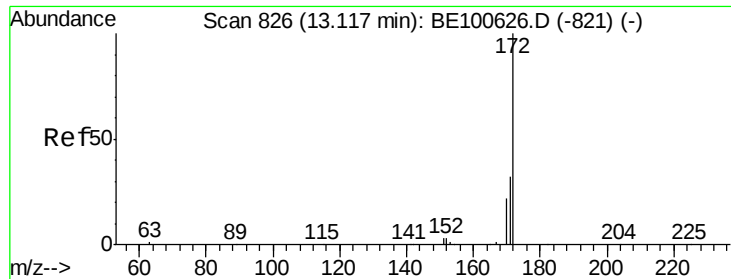
Tot Ion:164 Resp: 9796
Ion Ratio Lower Upper
164 100
162 99.5 82.0 123.0
160 44.8 37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.023 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100684.D
Acq: 28 Oct 2019 21:33

Tgt Ion:330 Resp: 59
Ion Ratio Lower Upper
330 100
332 100.0 77.9 116.9
141 79.7 33.0 49.6#

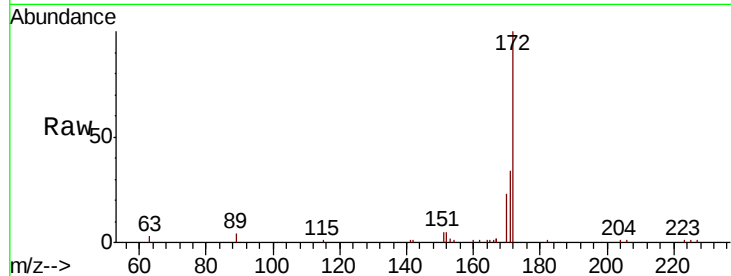




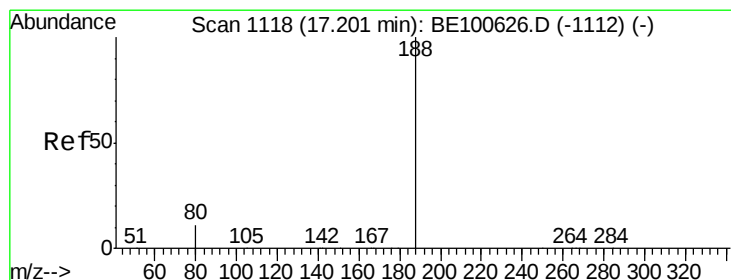
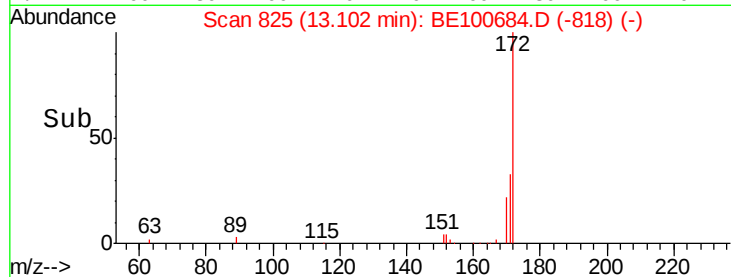
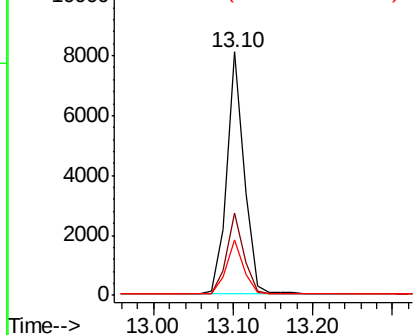
#15
 2-Fluorobiphenyl
 Concen: 0.342 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE100684.D
 Acq: 28 Oct 2019 21:33

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:172 Resp: 12222
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.5 39.7
 170 22.9 19.0 28.4

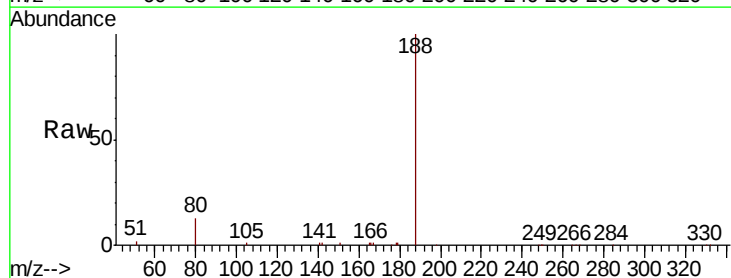


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

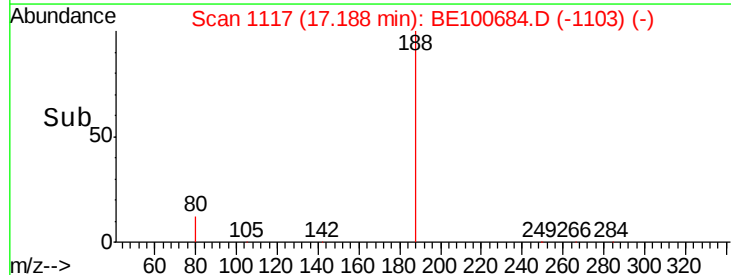
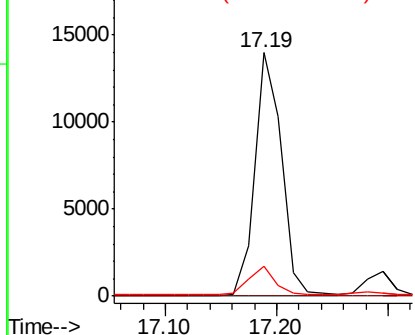


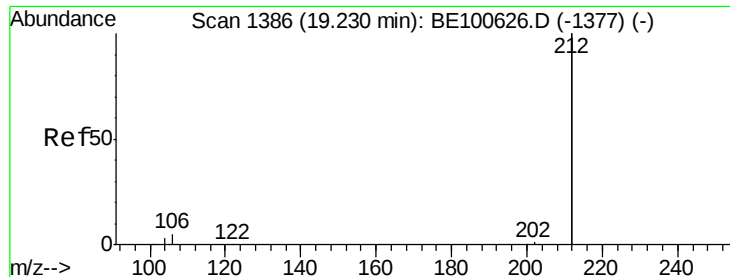
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BE100684.D
 Acq: 28 Oct 2019 21:33

Tgt Ion:188 Resp: 23012
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.5 5.4 8.0#



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: 0.404 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

Instrument :

BNA_E

ClientSampleId :

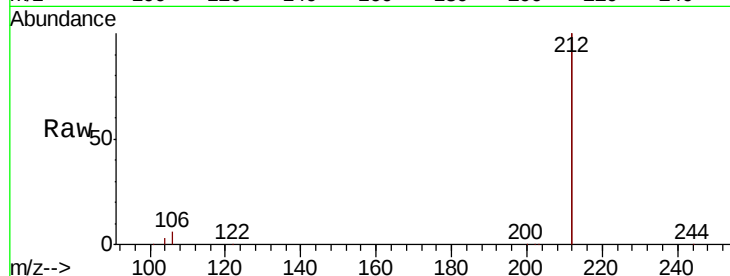
Tot Ion:212 Resp: 120011

Ion Ratio Lower Upper

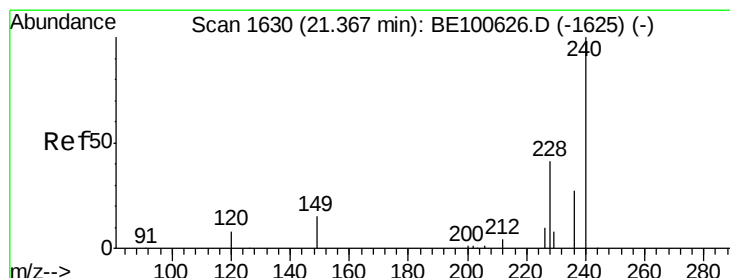
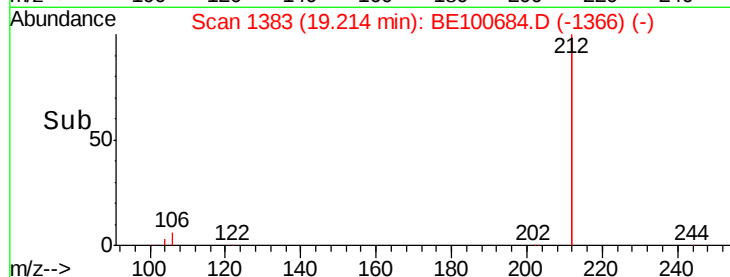
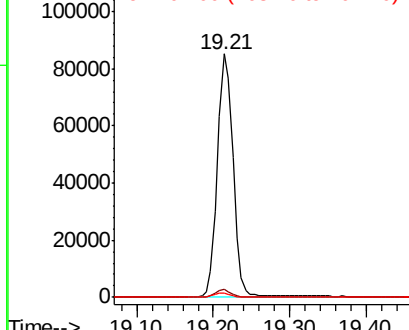
212 100

106 3.0 2.3 3.5

104 1.6 1.3 1.9



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: 21.35 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

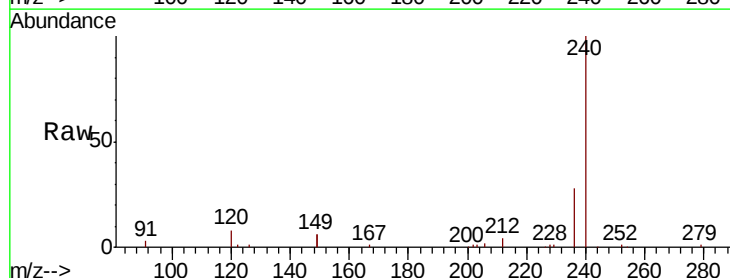
Tgt Ion:240 Resp: 34210

Ion Ratio Lower Upper

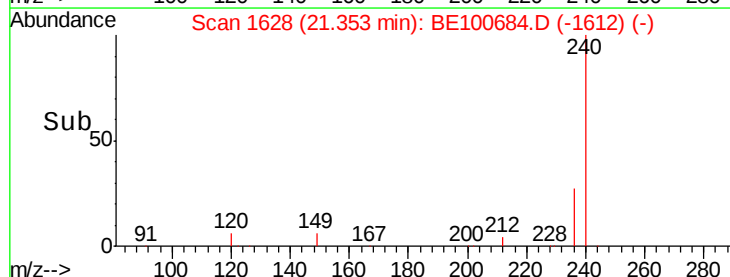
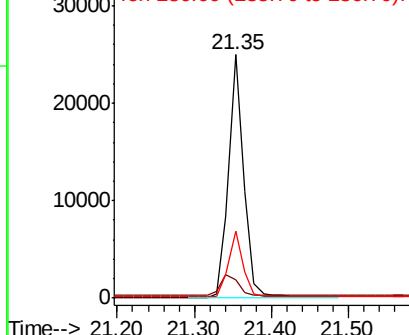
240 100

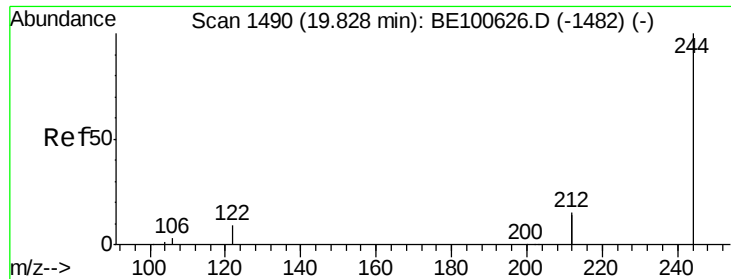
120 7.5 7.6 11.4#

236 27.5 22.1 33.1



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: 0.368 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

Instrument :

BNA_E

ClientSampled :

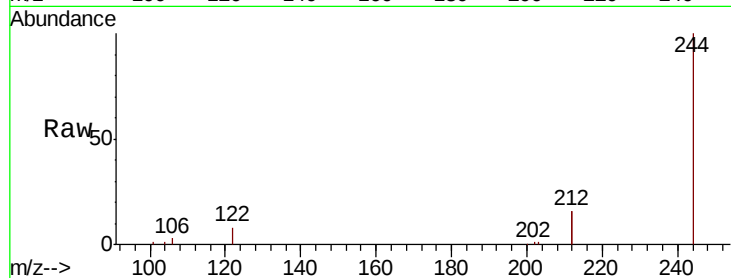
Tot Ion:244 Resp: 27547

Ion Ratio Lower Upper

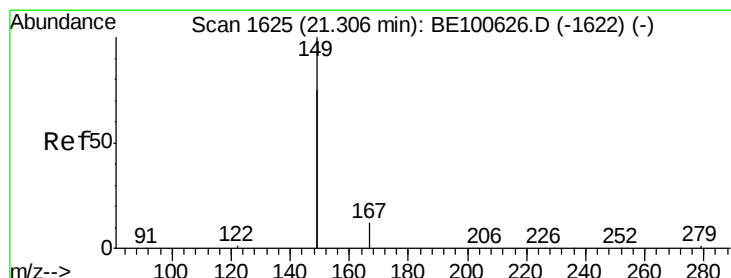
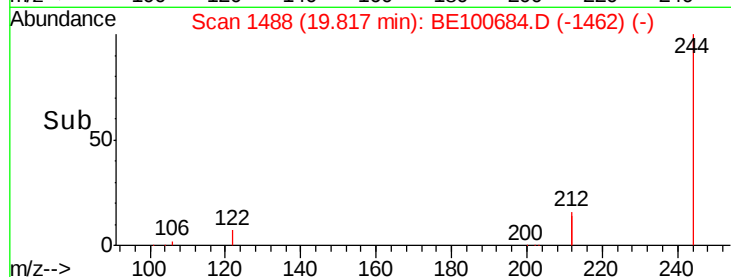
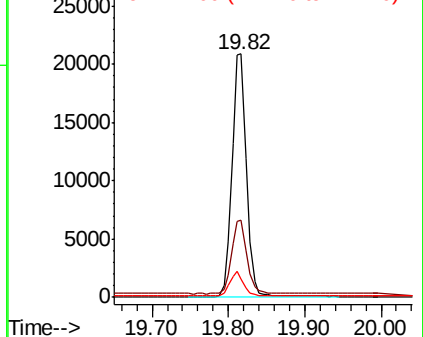
244 100

212 31.9 23.7 35.5

122 7.7 7.9 11.9#



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: 0.143 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

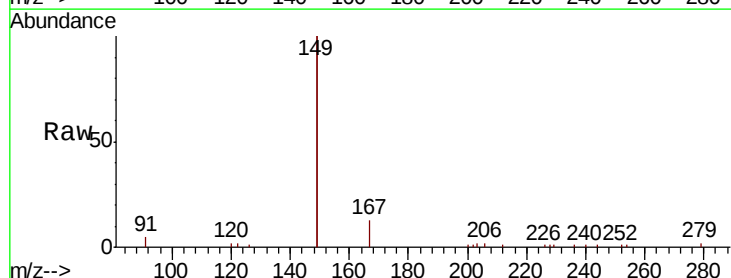
Tgt Ion:149 Resp: 33418

Ion Ratio Lower Upper

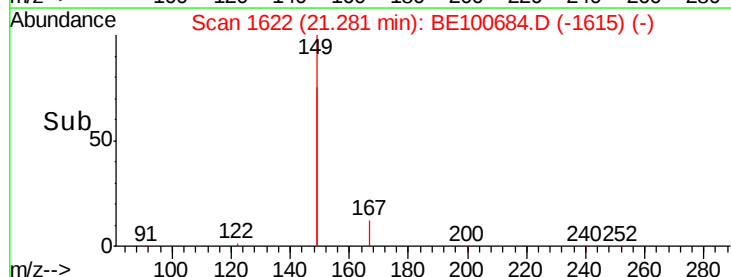
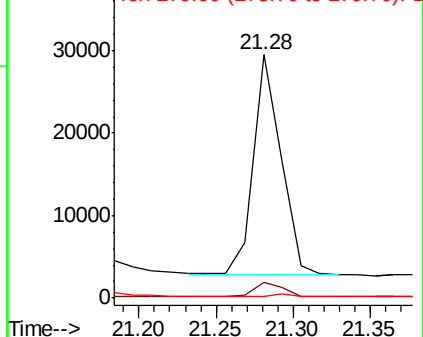
149 100

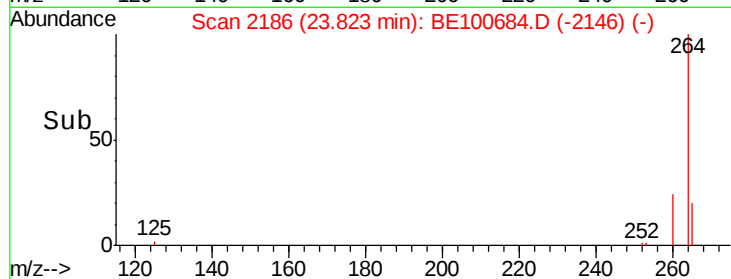
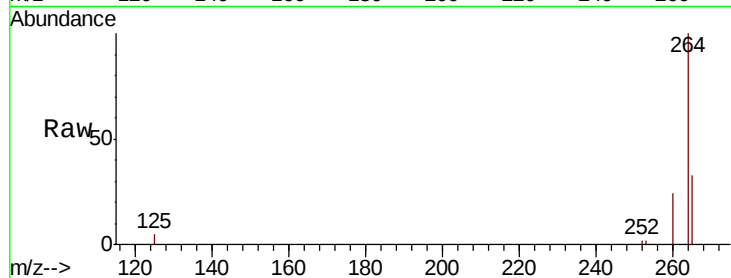
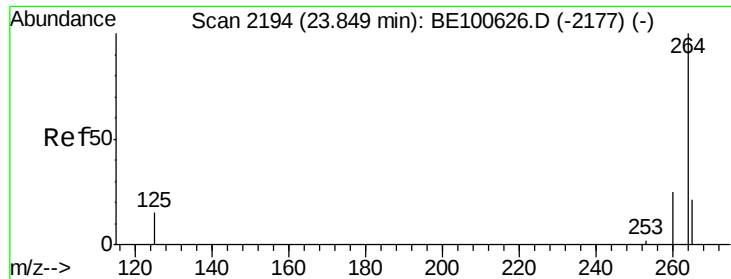
167 7.0 5.5 8.3

279 1.1 0.9 1.3



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: 23.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BE100684.D

Acq: 28 Oct 2019 21:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 40145

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 32.6 21.7 32.5

