

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100094.D
 Acq On : 19 Jun 2019 22:16
 Operator : JU/SJ
 Sample : K3309-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW001-190610

Quant Time: Jun 20 04:05:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

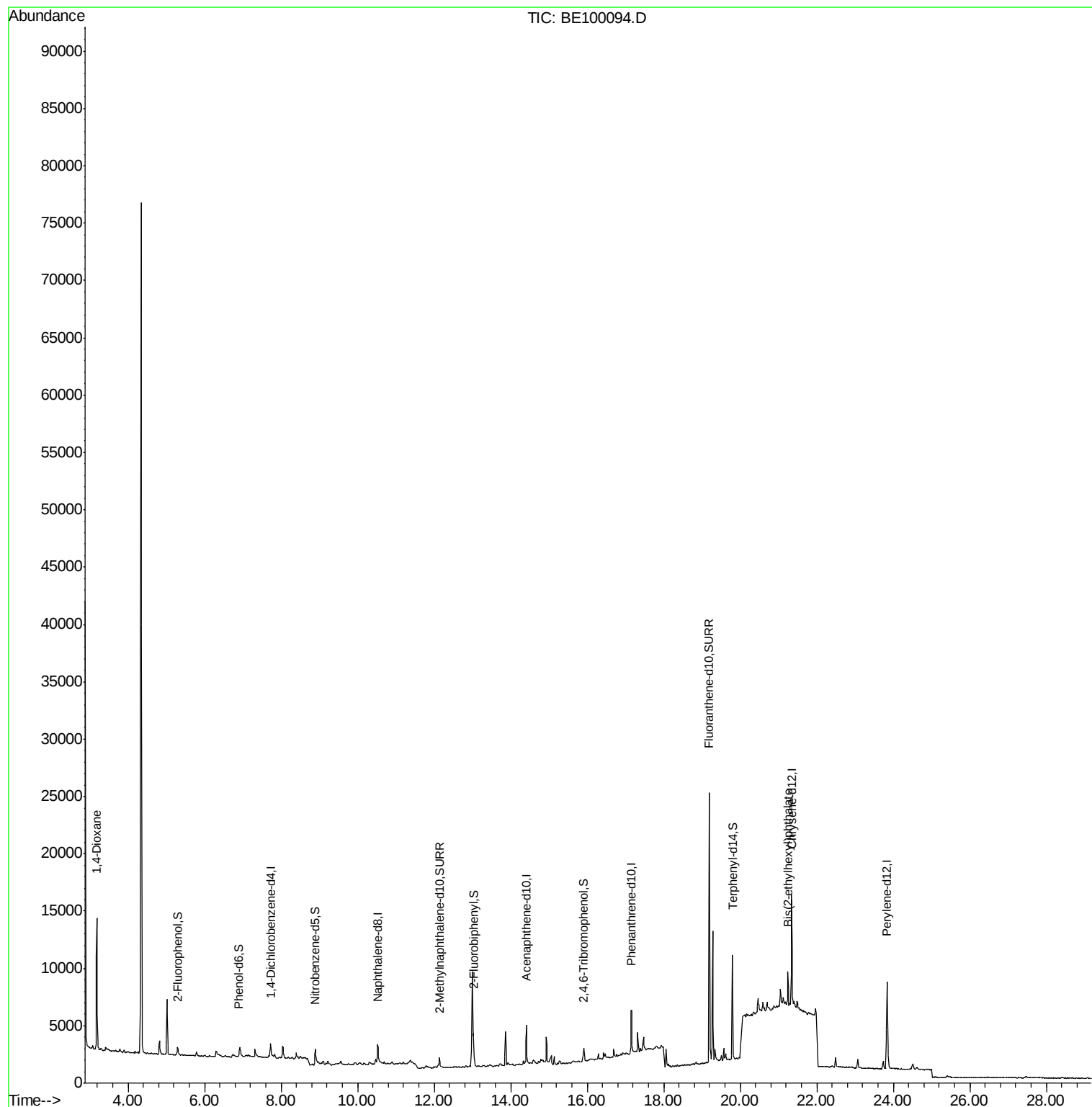
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	752	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	2599	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	2166	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	6830	0.40	ng	0.00
27) Chrysene-d12	21.34	240	10146	0.40	ng	0.00
34) Perylene-d12	23.84	264	11694	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	278	0.18	ng	0.00
5) Phenol-d6	6.90	99	253	0.12	ng	-0.03
8) Nitrobenzene-d5	8.90	82	889	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	1411	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	544	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2961	0.35	ng	-0.01
25) Fluoranthene-d10	19.19	212	30931	0.32	ng	0.00
29) Terphenyl-d14	19.79	244	8612	0.42	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.19	88	8782	7.278	ng	Qvalue 93
32) Bis(2-ethylhexyl)phthalate	21.24	149	3357	0.118	ng	# 96

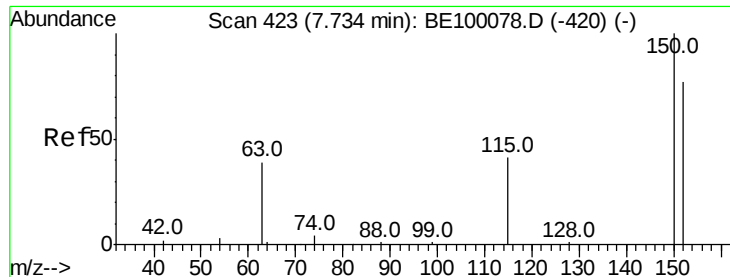
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100094.D

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Instrument :

BNA_E

ClientSampleId :

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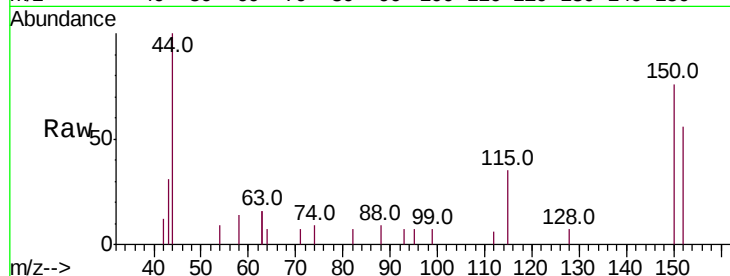
Tot Ion:152 Resp: 752

Ion Ratio Lower Upper

152 100

150 135.9 99.8 149.8

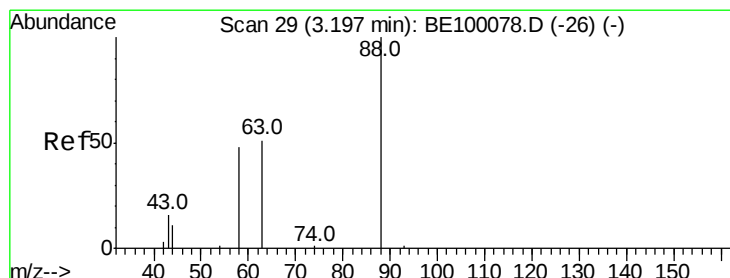
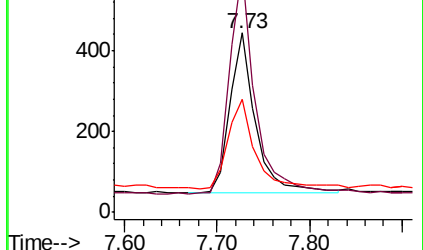
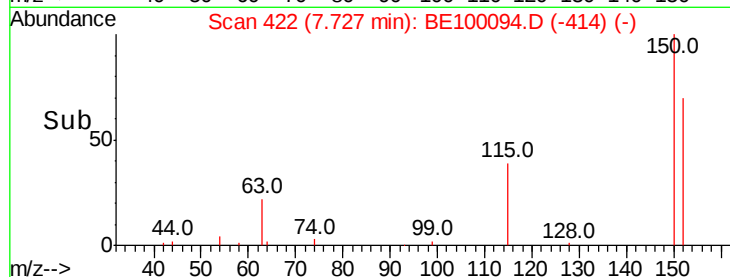
115 63.2 51.3 76.9



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: 7.278 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

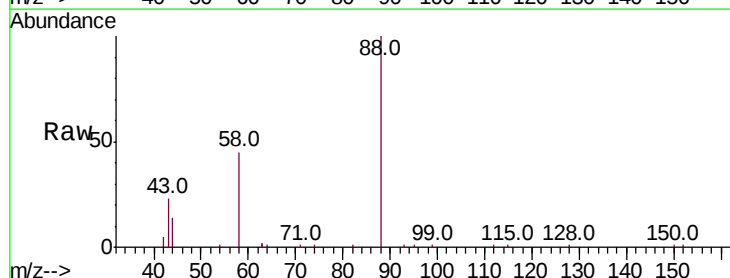
Tgt Ion: 88 Resp: 8782

Ion Ratio Lower Upper

88 100

58 56.1 51.1 76.7

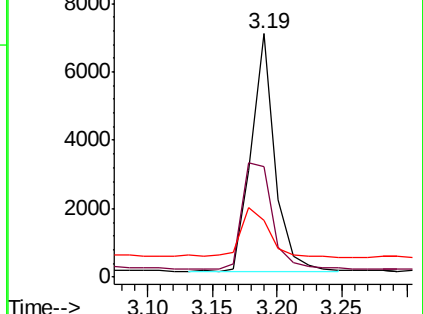
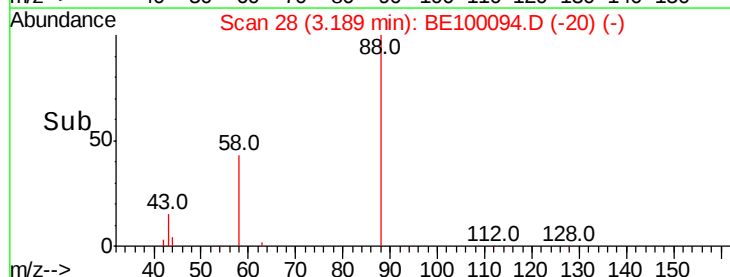
43 26.2 21.7 32.5

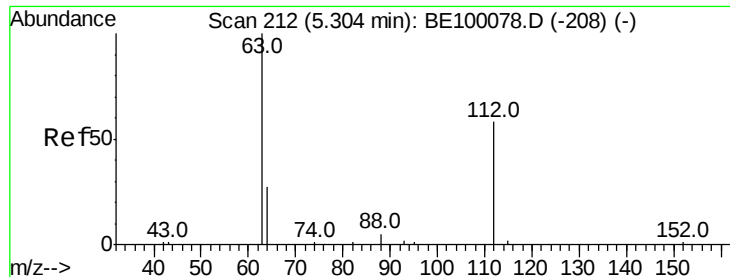


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

Instrument :

BNA_E

ClientSampleId :

LF017MW001-190610

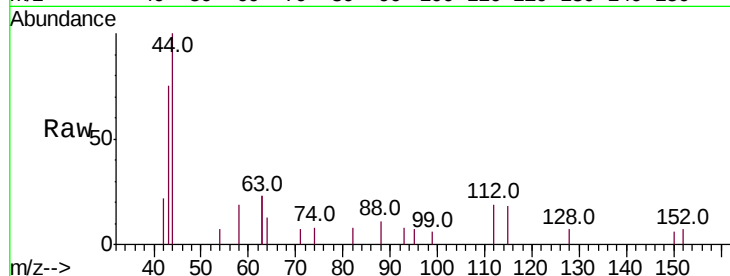
Tot Ion:112 Resp: 278

Ion Ratio Lower Upper

112 100

64 62.6 22.0 33.0#

63 151.8 121.8 182.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

500

400

300

200

100

0

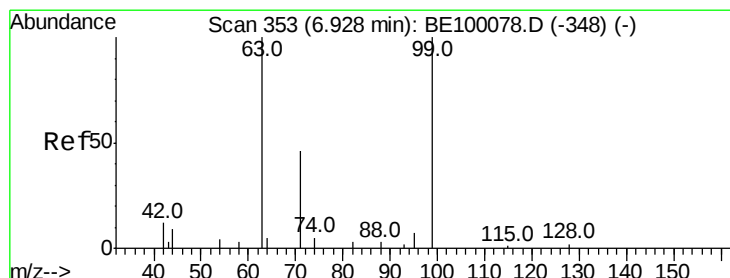
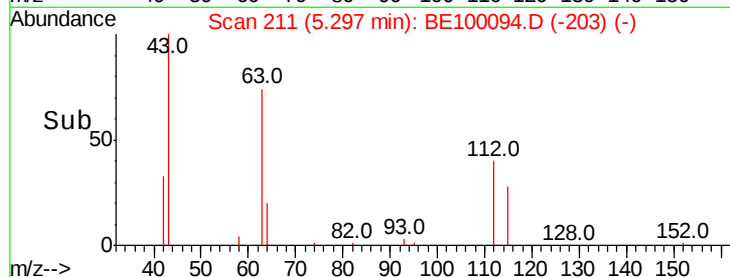
5.20

5.30

5.40

5.50

Time-->



#5

Phenol-d6

Concen: 0.118 ng

RT: 6.90 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

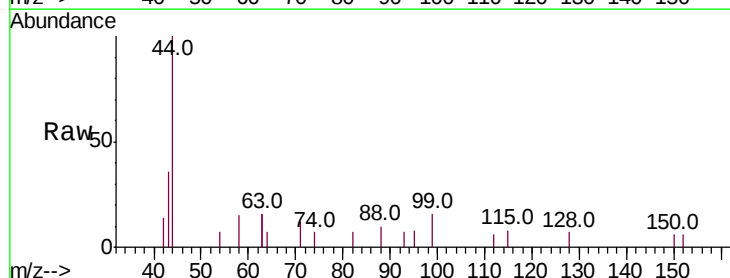
Tgt Ion: 99 Resp: 253

Ion Ratio Lower Upper

99 100

42 36.0 0.0 0.0#

71 56.9 37.6 56.4#



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

150

100

50

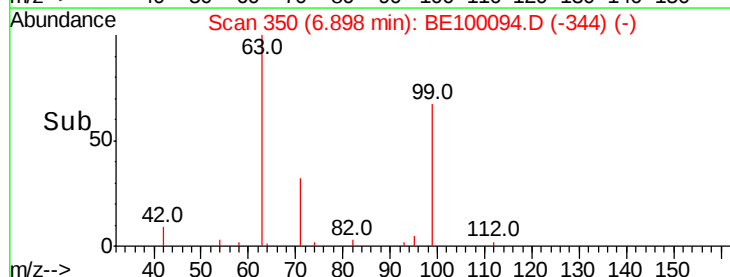
0

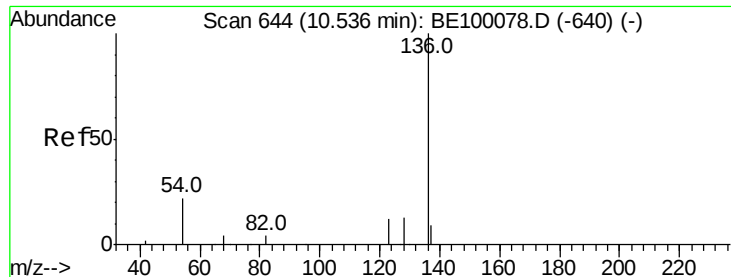
6.80

6.90

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

Instrument :

BNA_E

ClientSampleId :

LF017MW001-190610

Tot Ion:136 Resp: 2599

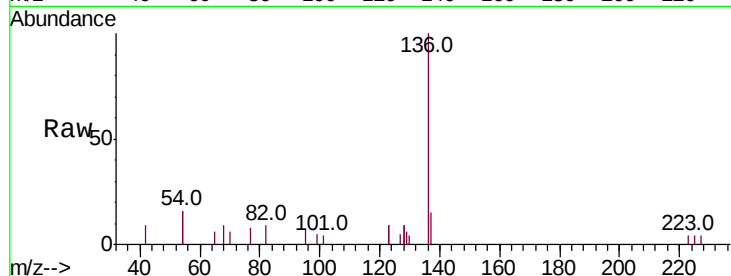
Ion Ratio Lower Upper

136 100

137 14.9 11.6 17.4

54 32.0 33.9 50.9#

68 8.7 7.8 11.8

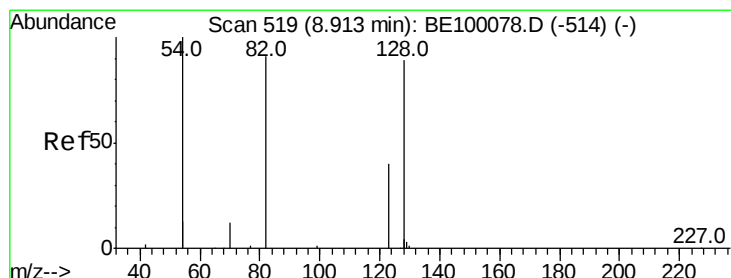
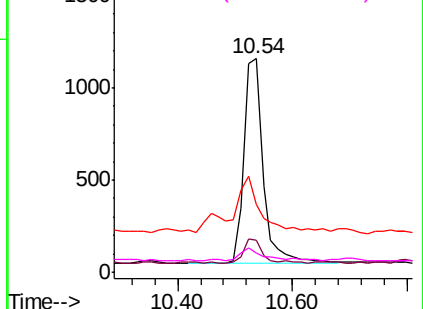
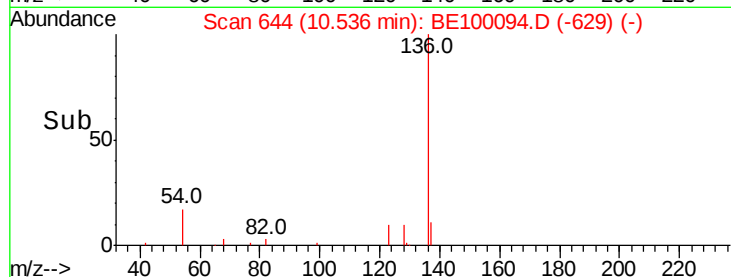


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.353 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

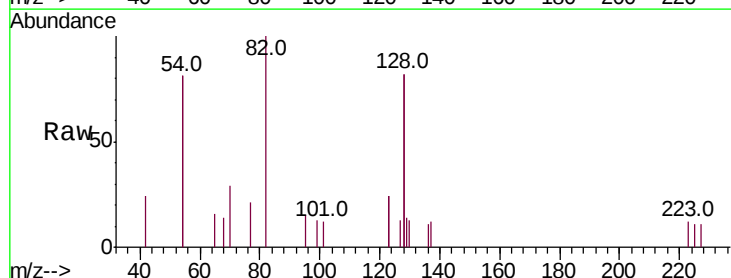
Tgt Ion: 82 Resp: 889

Ion Ratio Lower Upper

82 100

128 163.5 128.0 192.0

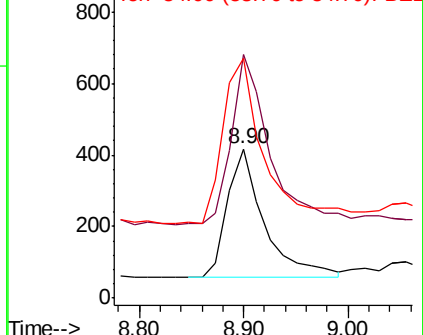
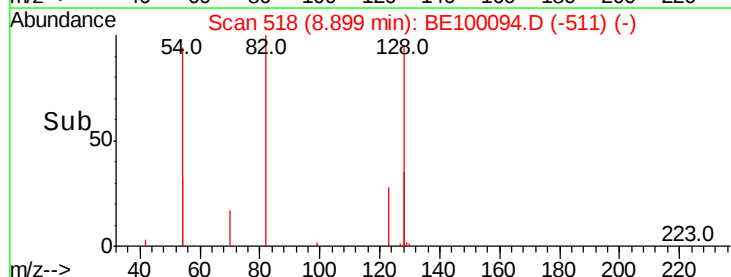
54 161.1 143.4 215.0

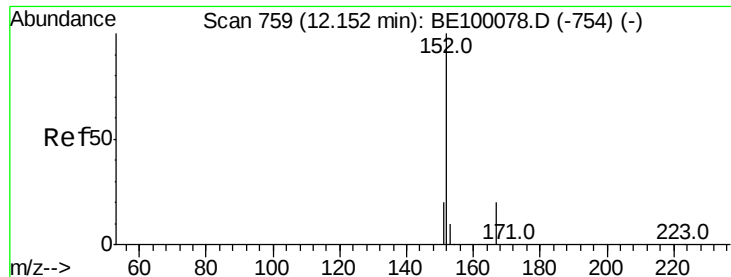


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

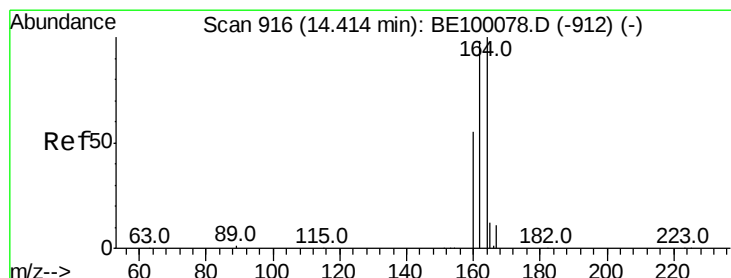
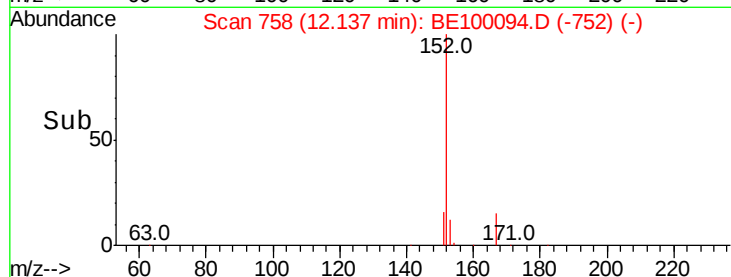
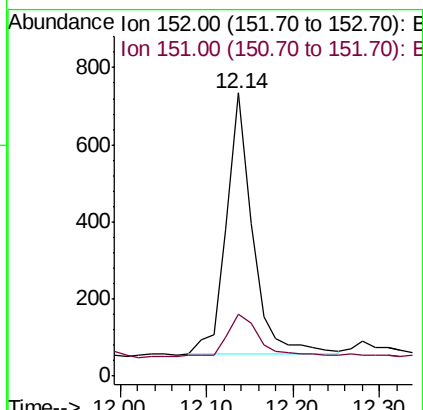
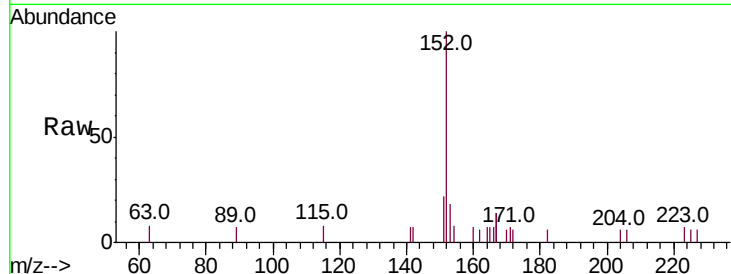




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100094.D
Acq: 19 Jun 2019 22:16

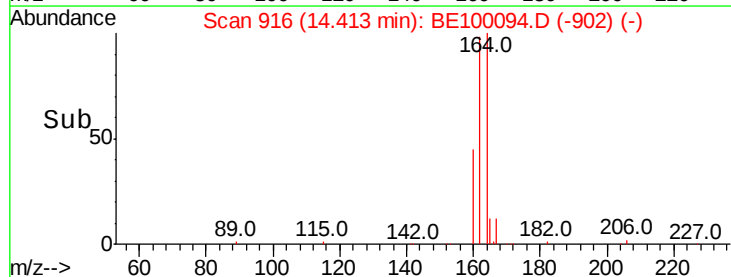
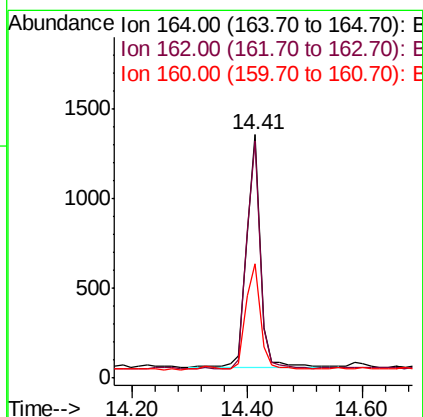
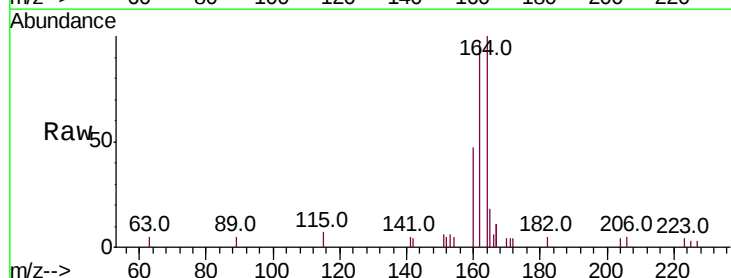
Instrument :
BNA_E
ClientSampleId :
LF017MW001-190610

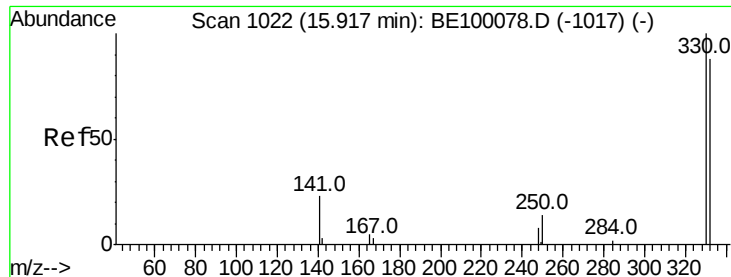
Tot Ion:152 Resp: 1411
Ion Ratio Lower Upper
152 100
151 18.7 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100094.D
Acq: 19 Jun 2019 22:16

Tgt Ion:164 Resp: 2166
Ion Ratio Lower Upper
164 100
162 97.2 78.2 117.2
160 46.8 45.6 68.4





#14

2,4,6-Tribromophenol

Concen: 0.455 ng

RT: 15.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

Instrument :

BNA_E

ClientSampleId :

LF017MW001-190610

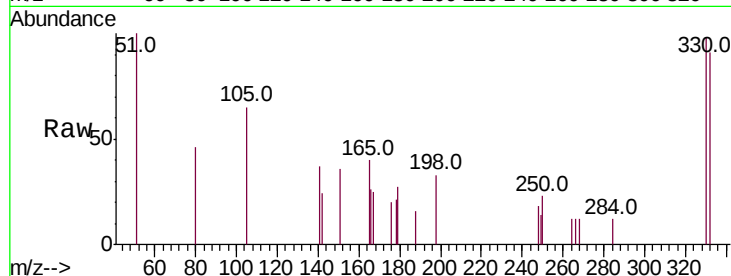
Tot Ion:330 Resp: 544

Ion Ratio Lower Upper

330 100

332 96.7 73.3 109.9

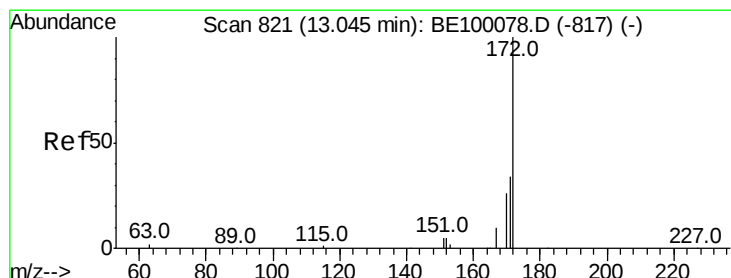
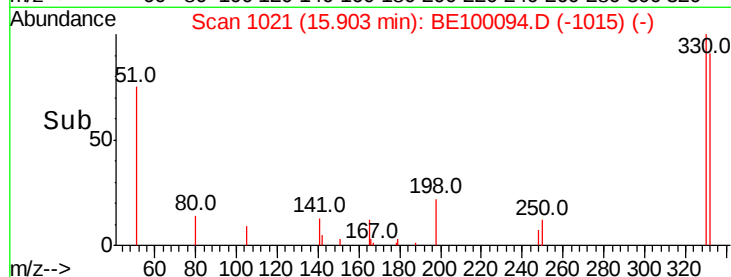
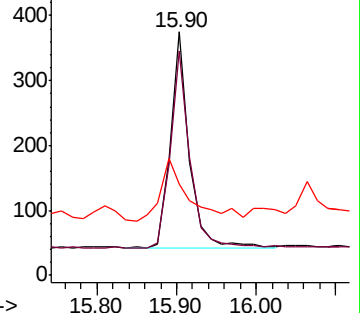
141 41.4 22.2 33.2#



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: 0.348 ng

RT: 13.03 min Scan# 820

Delta R.T. -0.01 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

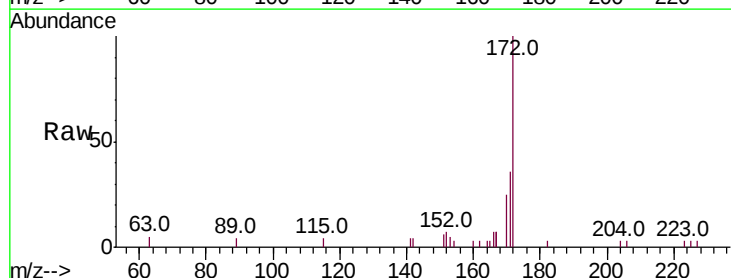
Tgt Ion:172 Resp: 2961

Ion Ratio Lower Upper

172 100

171 36.1 29.8 44.8

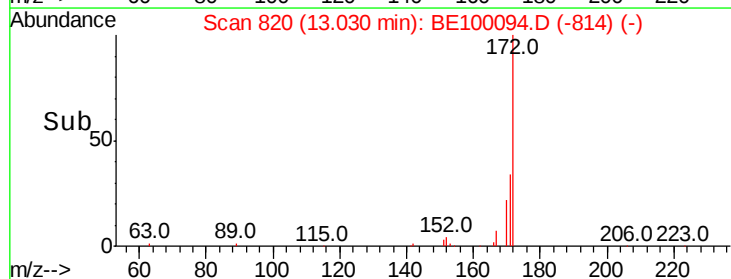
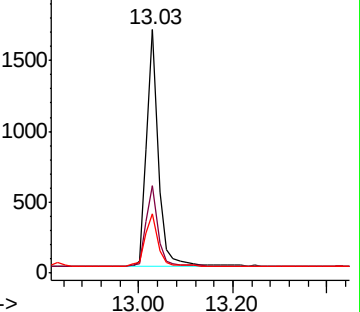
170 24.5 23.2 34.8

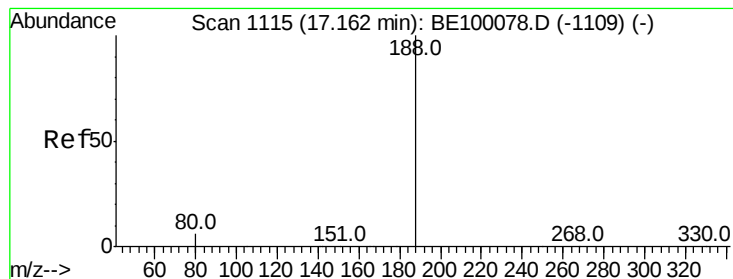


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

Instrument :

BNA_E

ClientSampleId :

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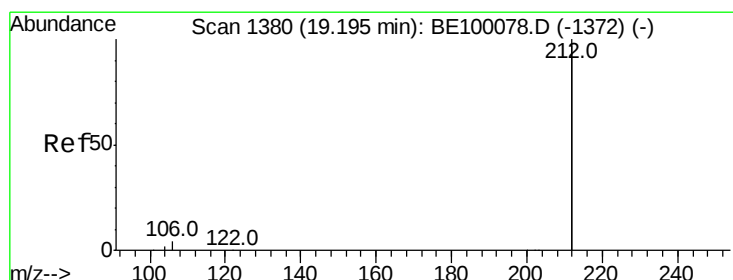
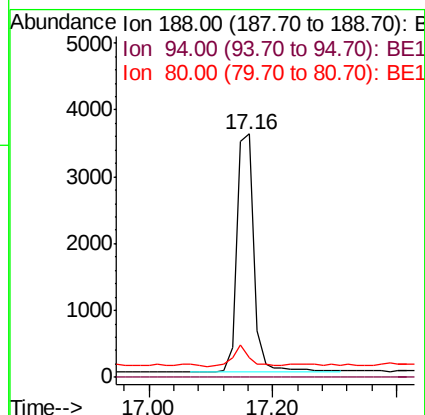
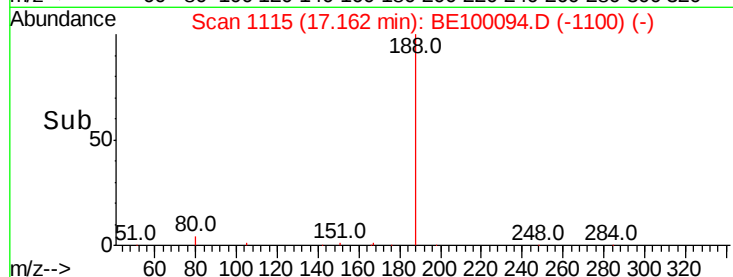
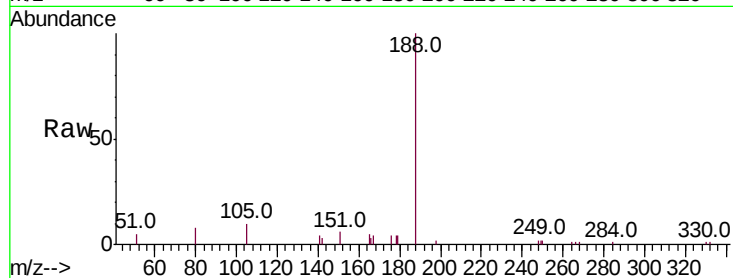
Tot Ion:188 Resp: 6830

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.3 9.5



#25

Fluoranthene-d10

Concen: 0.317 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100094.D

Acq: 19 Jun 2019 22:16

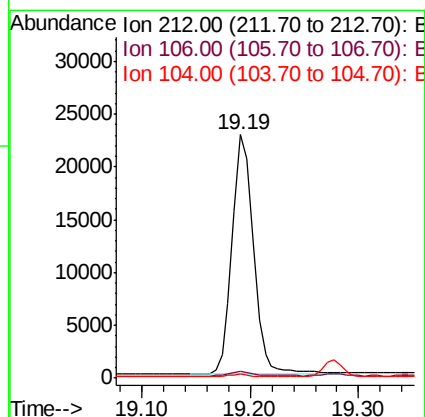
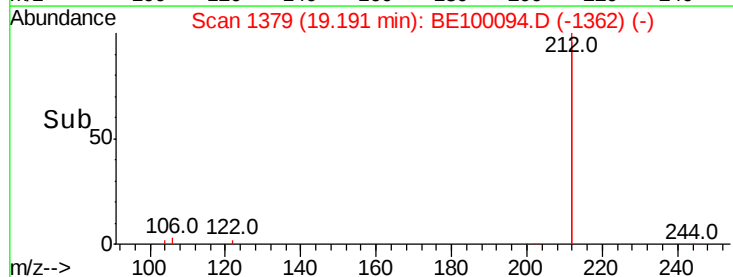
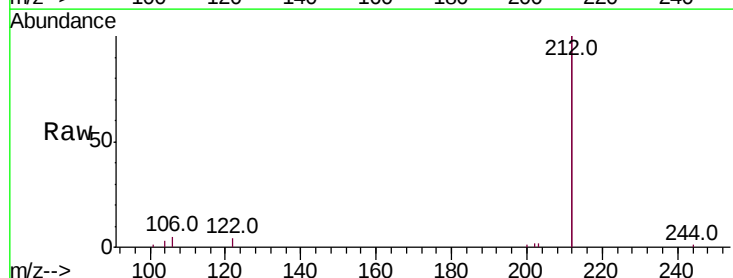
Tgt Ion:212 Resp: 30931

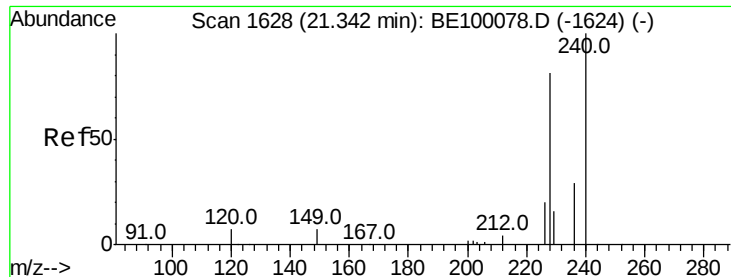
Ion Ratio Lower Upper

212 100

106 2.1 1.4 2.0#

104 1.2 0.8 1.2

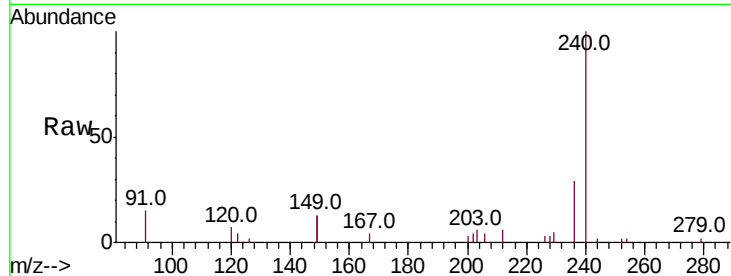




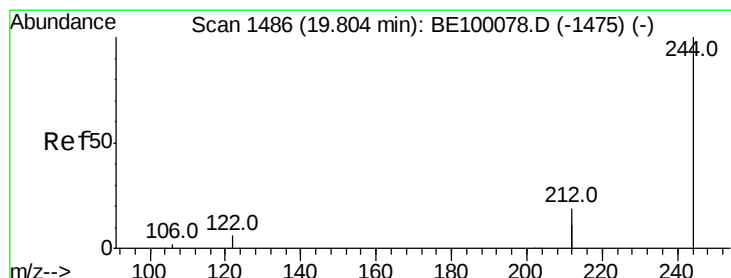
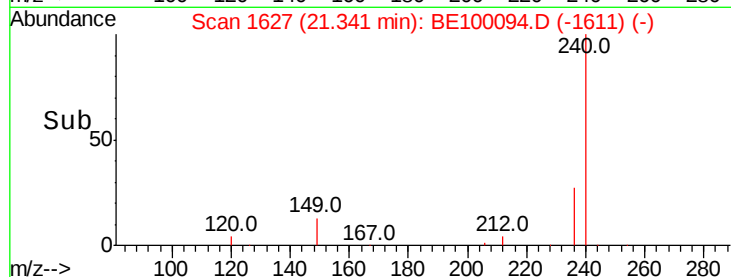
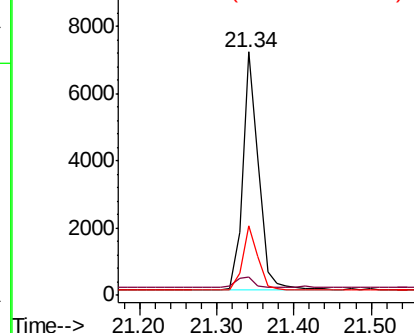
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BE100094.D
 Acq: 19 Jun 2019 22:16

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW001-190610

Tot Ion:240 Resp: 10146
 Ion Ratio Lower Upper
 240 100
 120 7.4 6.6 10.0
 236 28.8 23.8 35.6

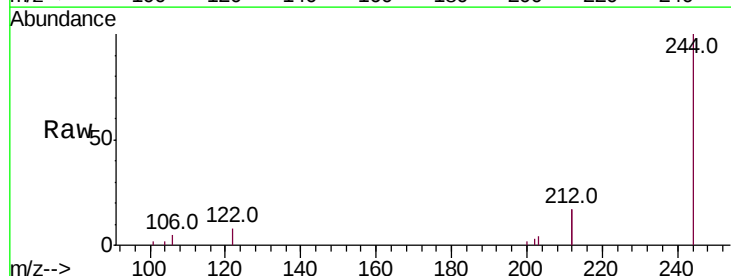


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

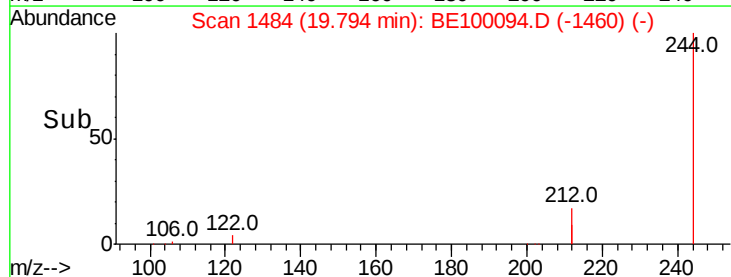
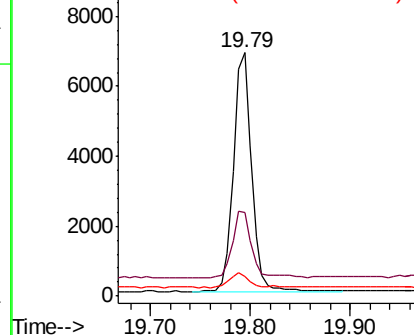


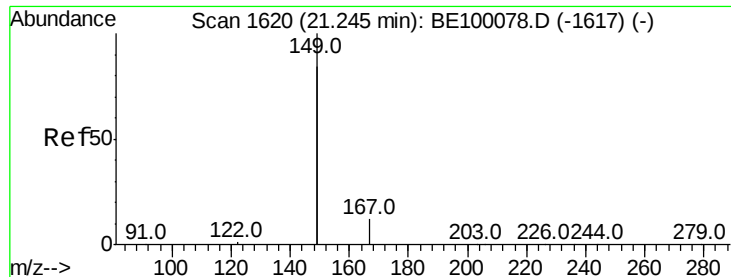
#29
 Terphenyl-d14
 Concen: 0.425 ng
 RT: 19.79 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE100094.D
 Acq: 19 Jun 2019 22:16

Tgt Ion:244 Resp: 8612
 Ion Ratio Lower Upper
 244 100
 212 34.1 29.8 44.8
 122 8.1 6.1 9.1



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

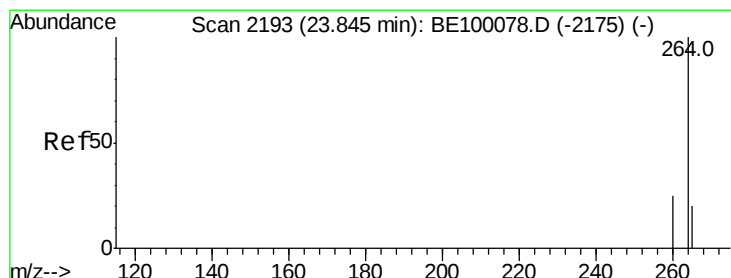
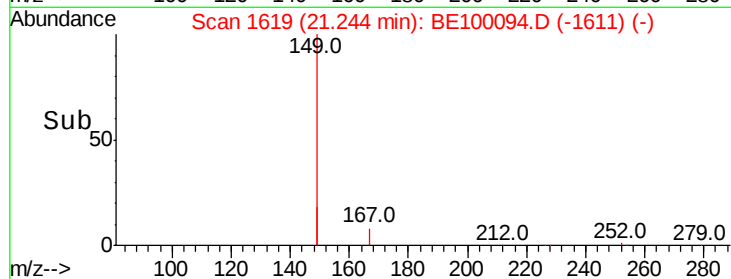
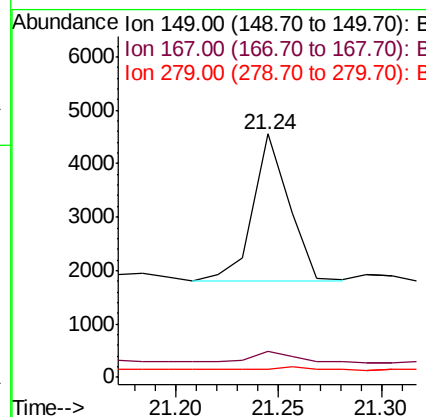
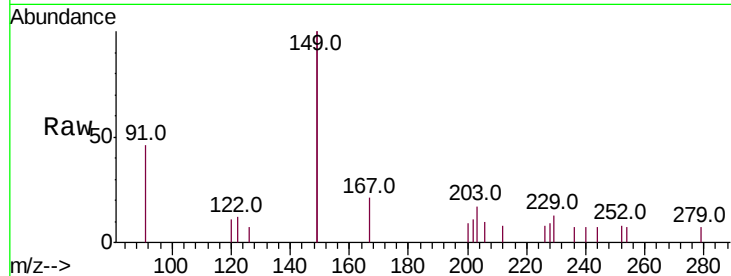




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.118 ng
 RT: 21.24 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100094.D
 Acq: 19 Jun 2019 22:16

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW001-190610

Tot Ion:149 Resp: 3357
 Ion Ratio Lower Upper
 149 100
 167 8.6 5.8 8.6
 279 2.1 1.1 1.7#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BE100094.D
 Acq: 19 Jun 2019 22:16

Tgt Ion:264 Resp: 11694
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.8 31.2
 265 30.4 23.2 34.8

