

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
 Data File : BE099601.D
 Acq On : 10 May 2019 16:31
 Operator : JU/SJ
 Sample : K2736-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 11 01:01:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 13:32:58 2019
 Response via : Initial Calibration

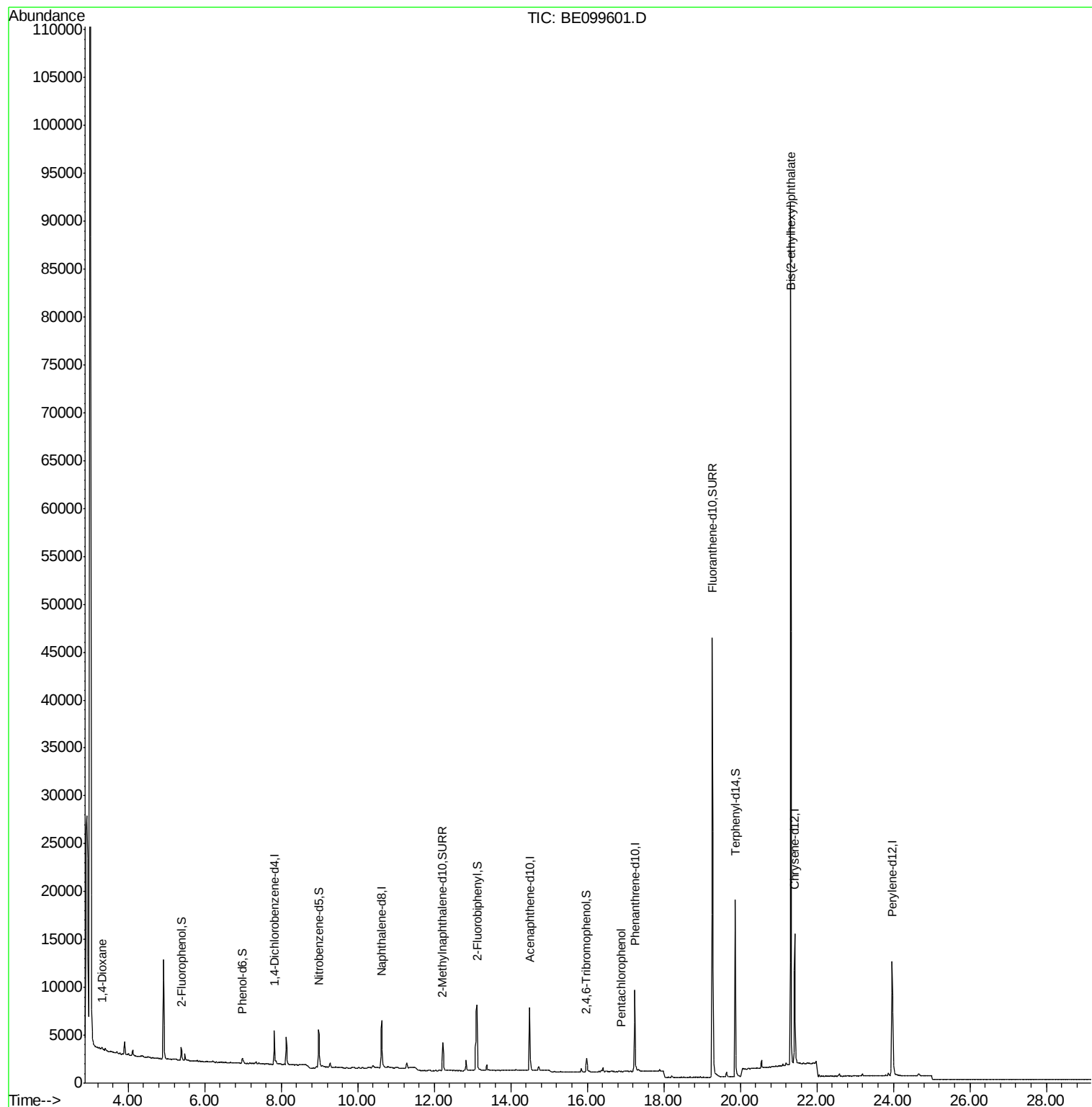
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1925	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6873	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4749	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13633	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16712	0.40	ng	0.00
34) Perylene-d12	23.97	264	19423	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	904	0.17	ng	0.00
5) Phenol-d6	6.99	99	658	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	2189	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4190	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1059	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	7878	0.43	ng	0.00
25) Fluoranthene-d10	19.27	212	67123	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	17460	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	198	0.073	ng	# 58
22) Pentachlorophenol	16.88	266	36	0.257	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.32	149	98991	1.350	ng	100

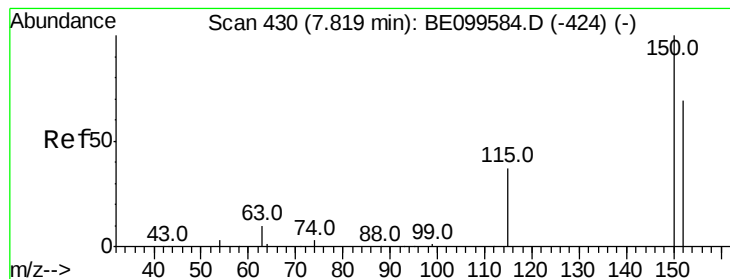
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

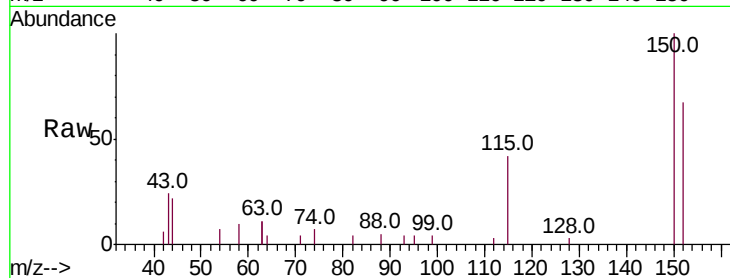
Tot Ion:152 Resp: 1925

Ion Ratio Lower Upper

152 100

150 148.4 114.2 171.4

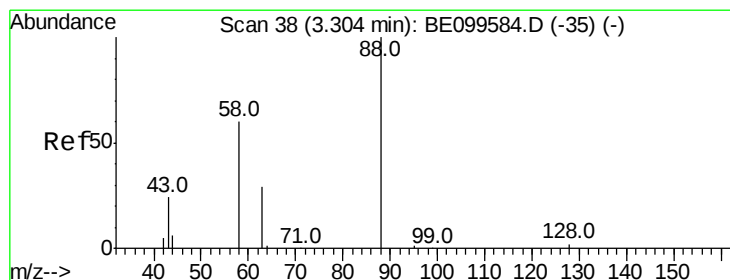
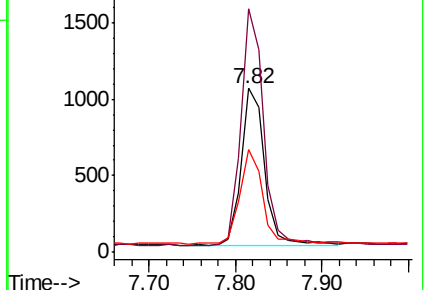
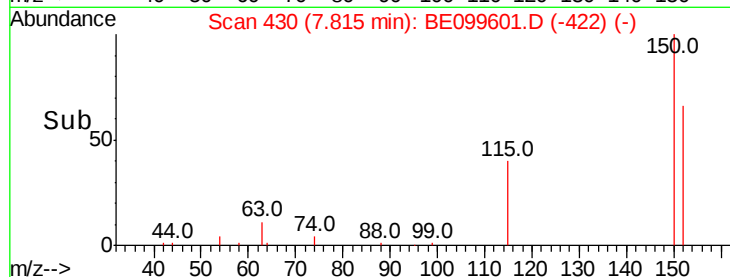
115 62.8 45.4 68.0



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: 0.073 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

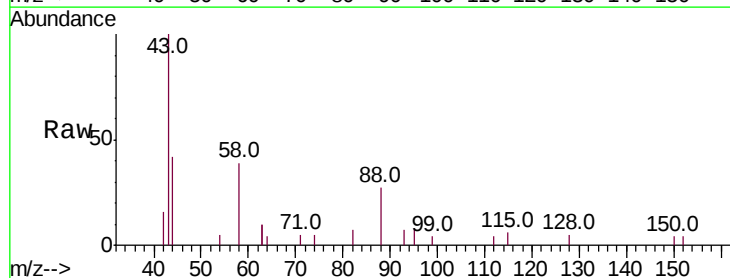
Tgt Ion: 88 Resp: 198

Ion Ratio Lower Upper

88 100

58 77.3 41.3 61.9#

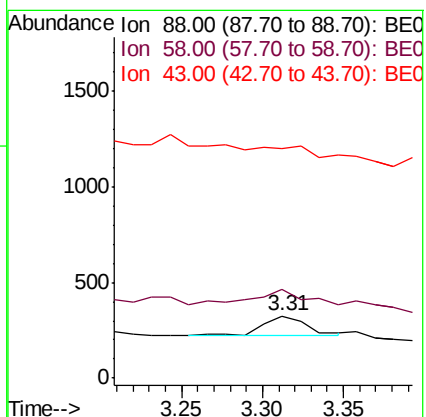
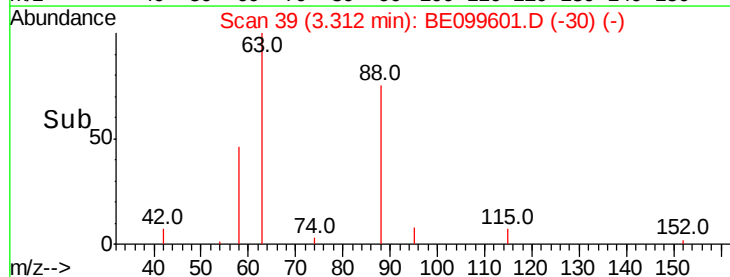
43 0.0 21.0 31.6#

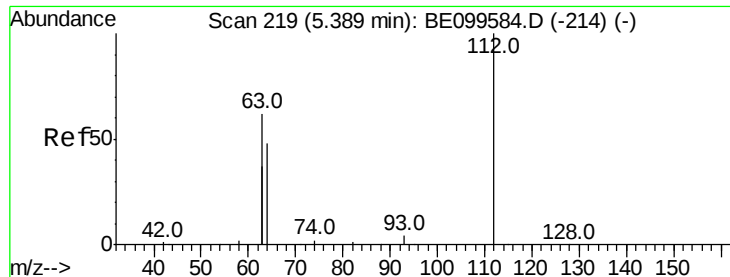


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

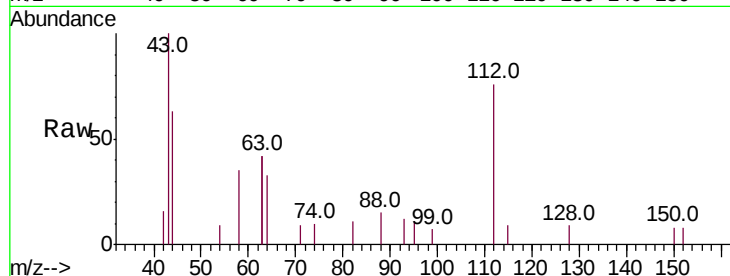
Tot Ion:112 Resp: 904

Ion Ratio Lower Upper

112 100

64 55.1 46.2 69.4

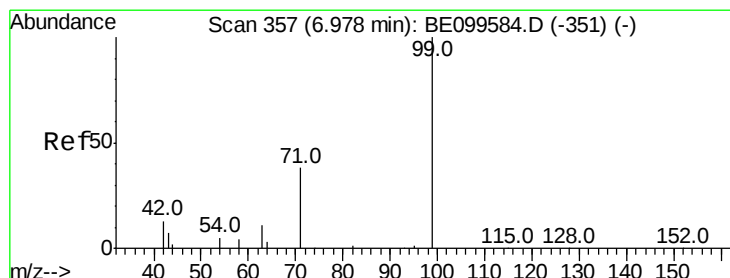
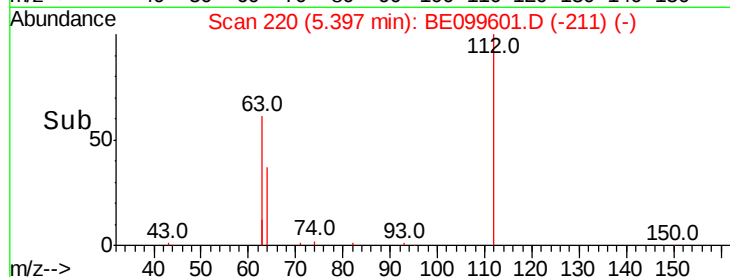
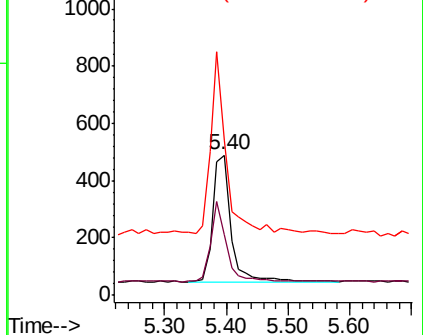
63 116.9 100.2 150.4



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



#5

Phenol-d6

Concen: 0.095 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

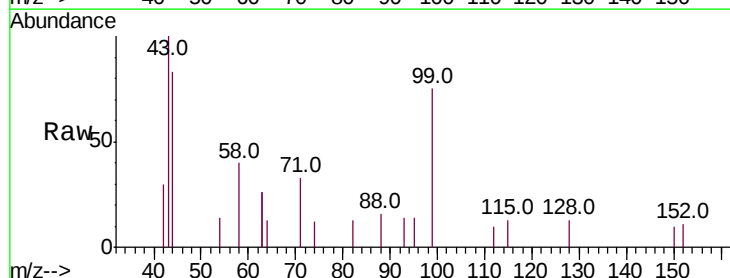
Tgt Ion: 99 Resp: 658

Ion Ratio Lower Upper

99 100

42 24.6 13.8 20.8#

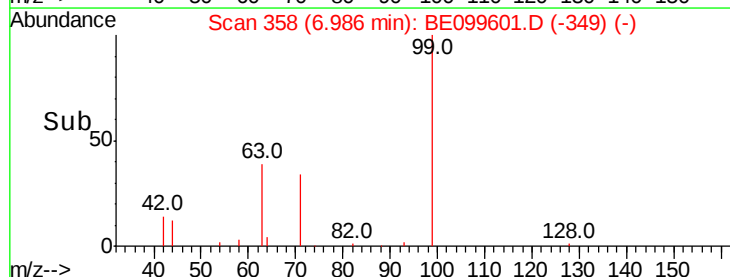
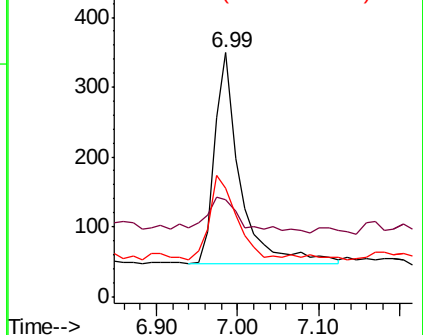
71 42.7 32.2 48.4

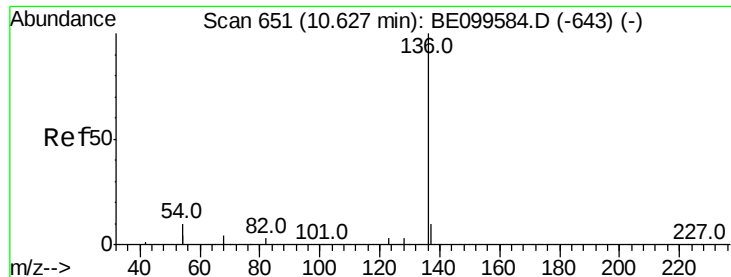


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 6873

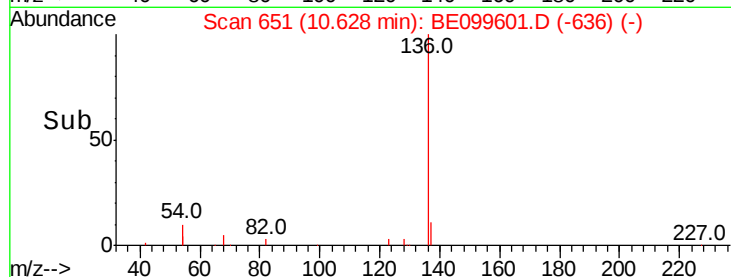
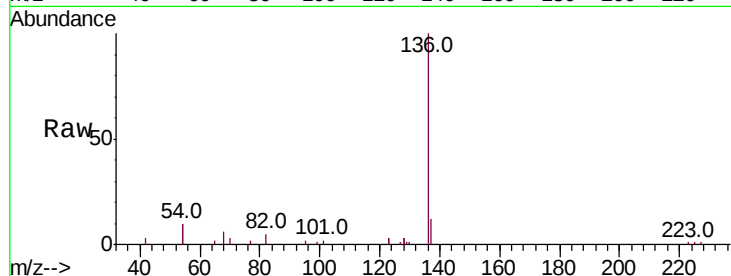
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 20.0 16.5 24.7

68 6.0 4.5 6.7

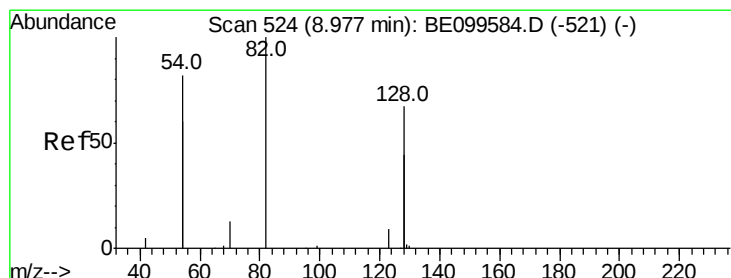
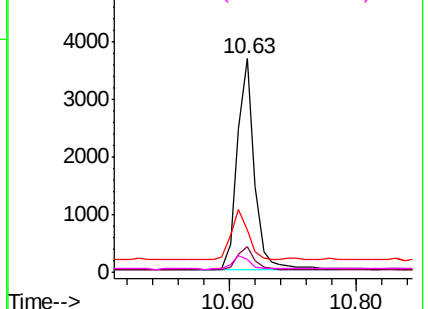


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.339 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

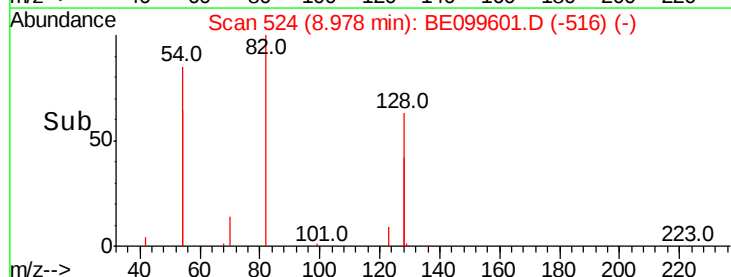
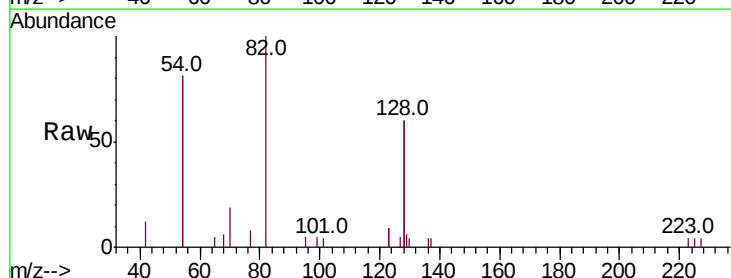
Tgt Ion: 82 Resp: 2189

Ion Ratio Lower Upper

82 100

128 120.2 101.5 152.3

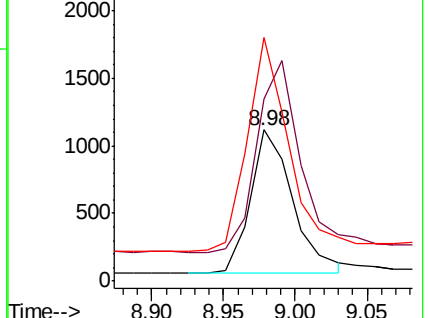
54 161.0 123.8 185.6

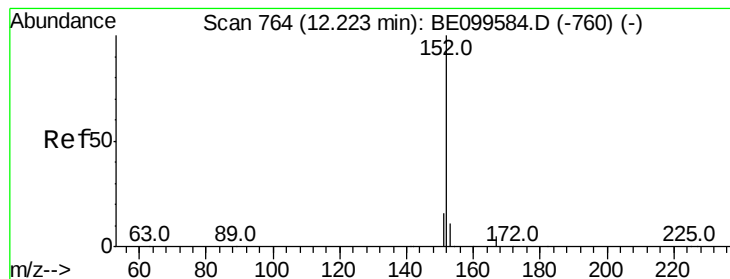


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.364 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

Instrument :

BNA_E

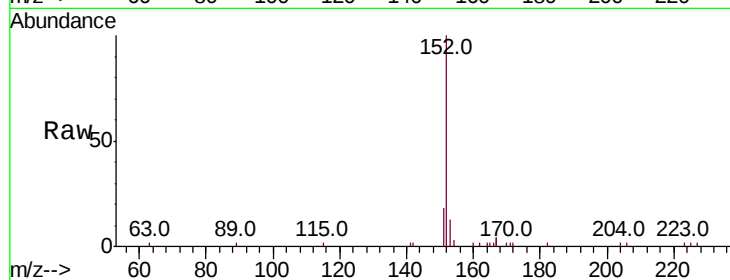
ClientSampleId :

Tot Ion:152 Resp: 4190

Ion Ratio Lower Upper

152 100

151 18.7 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

2500

2000

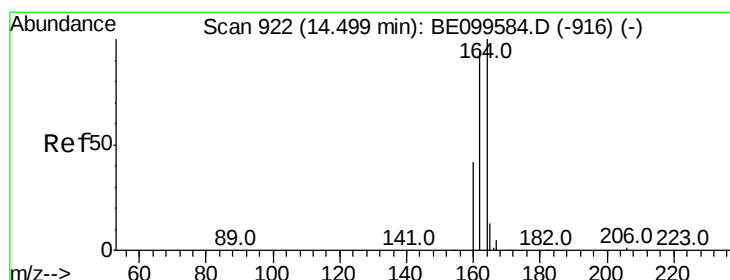
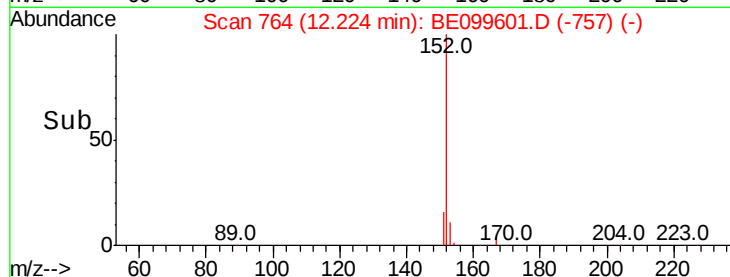
1500

1000

500

0

Time--> 12.10 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

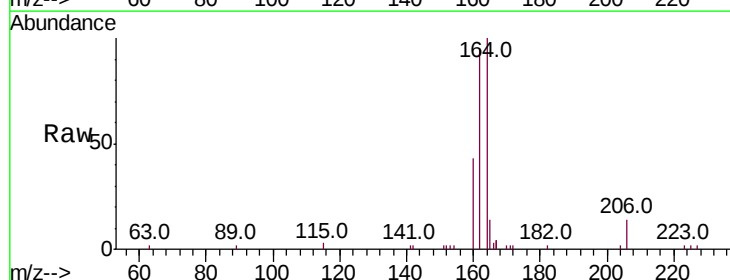
Tgt Ion:164 Resp: 4749

Ion Ratio Lower Upper

164 100

162 94.8 75.3 112.9

160 42.6 34.7 52.1



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

14.50

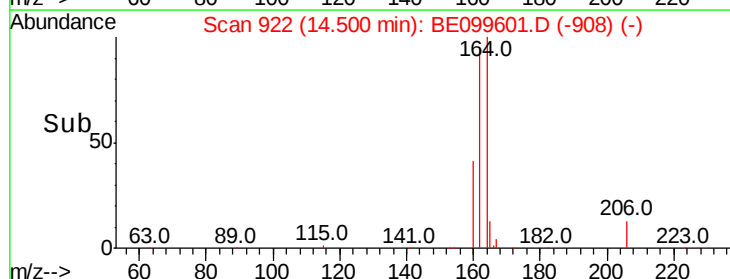
3000

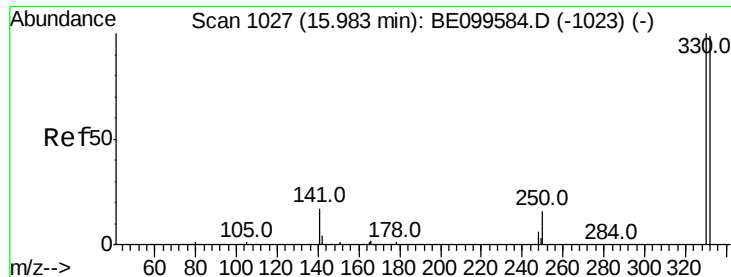
2000

1000

0

Time--> 14.40 14.50 14.60 14.70

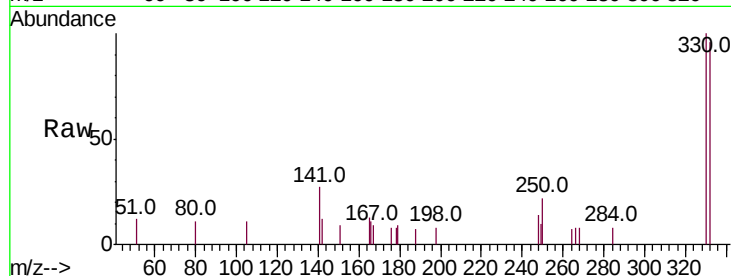




#14
 2,4,6-Tribromophenol
 Concen: 0.376 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE099601.D
 Acq: 10 May 2019 16:31

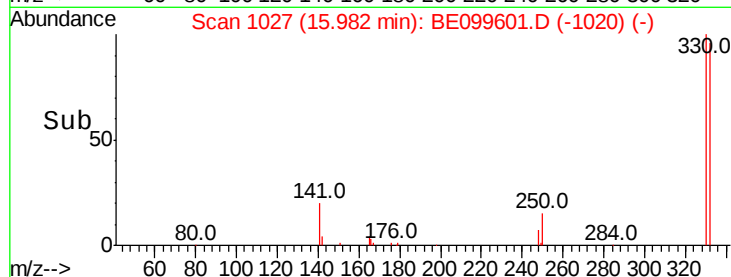
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1059
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.7 118.1
 141 30.8 22.3 33.5

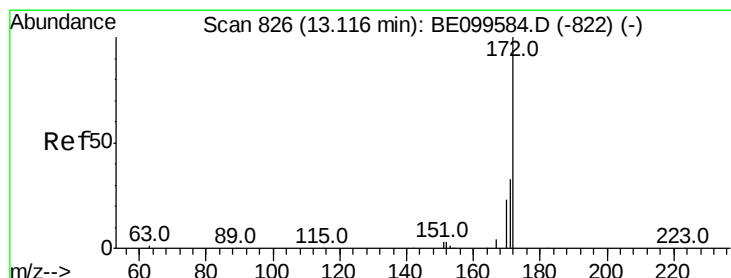


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

15.98

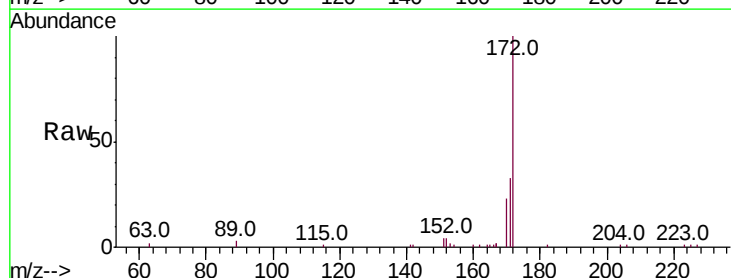


Time-->



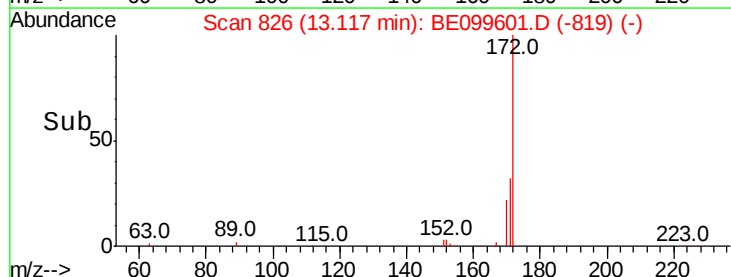
#15
 2-Fluorobiphenyl
 Concen: 0.428 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099601.D
 Acq: 10 May 2019 16:31

Tgt Ion:172 Resp: 7878
 Ion Ratio Lower Upper
 172 100
 171 32.9 27.5 41.3
 170 23.3 19.1 28.7

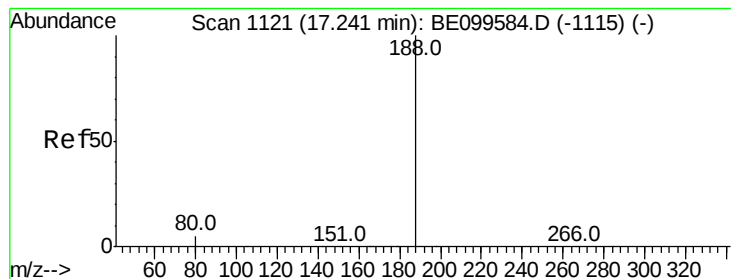


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

13.12



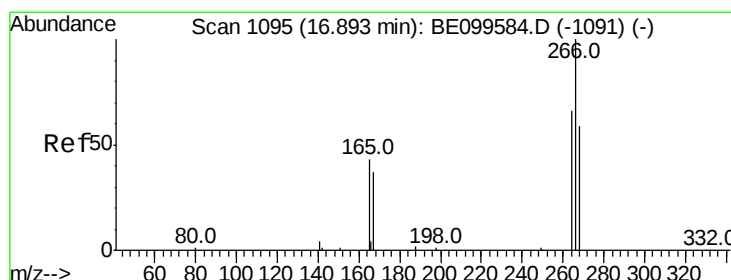
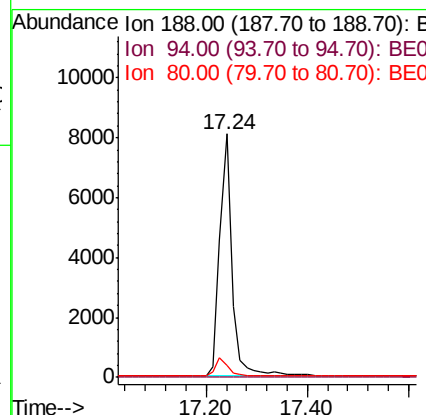
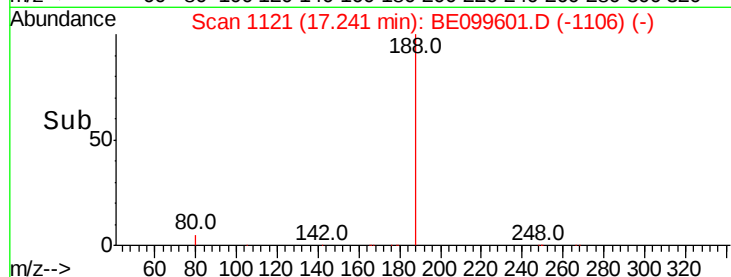
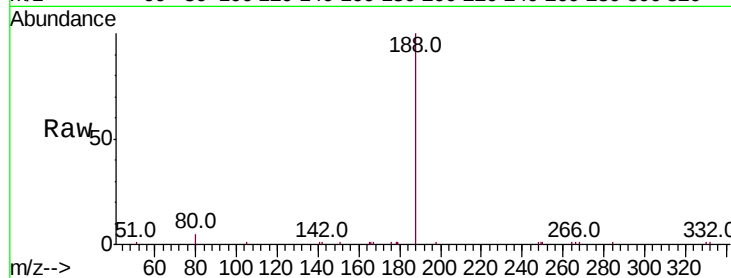
Time-->



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099601.D
Acq: 10 May 2019 16:31

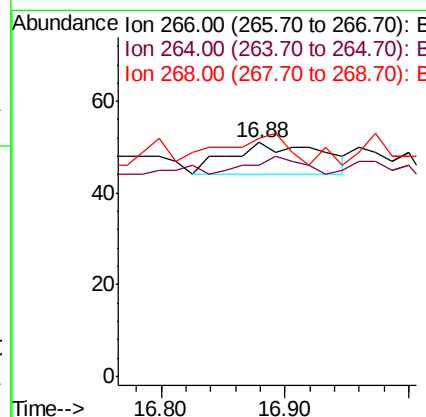
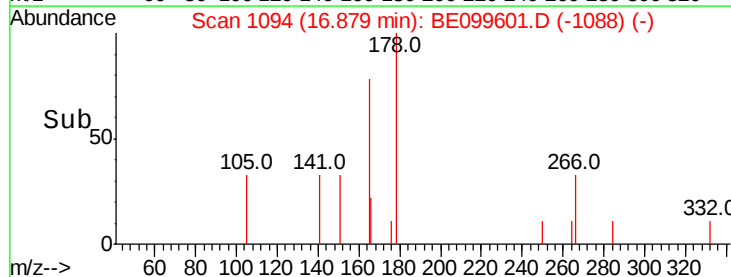
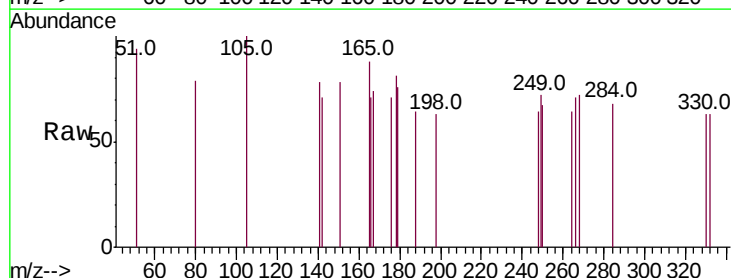
Instrument :
BNA_E
ClientSampled :

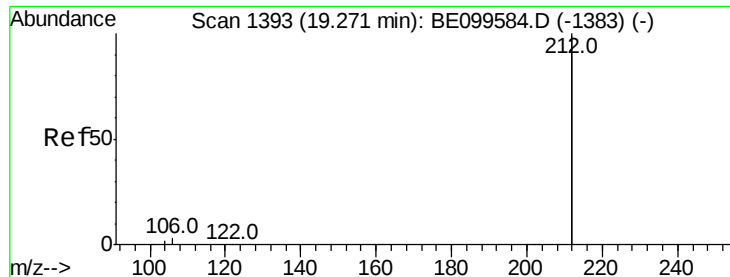
Tot Ion:188 Resp: 13633
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.1 4.4 6.6



#22
Pentachlorophenol
Concen: 0.257 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE099601.D
Acq: 10 May 2019 16:31

Tgt Ion:266 Resp: 36
Ion Ratio Lower Upper
266 100
264 90.2 57.3 85.9#
268 102.0 53.5 80.3#





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

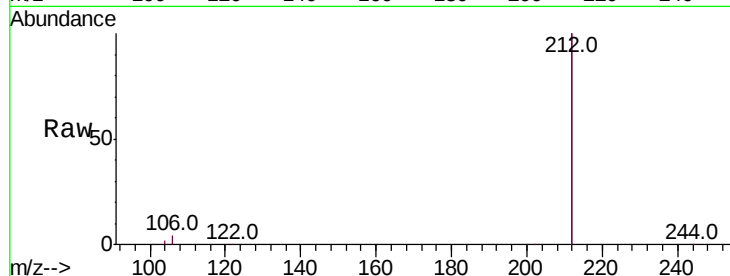
Tot Ion:212 Resp: 67123

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

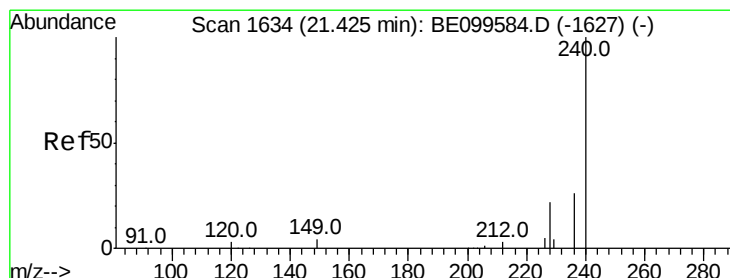
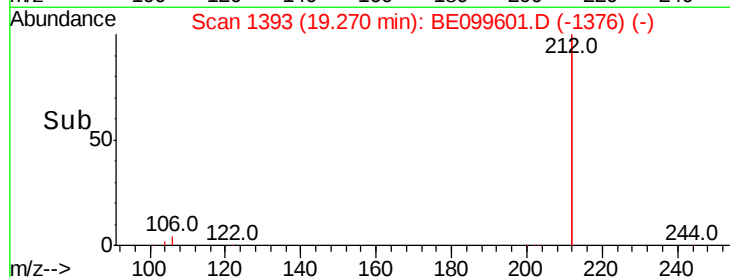
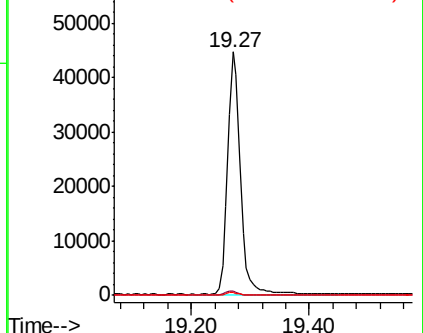
104 1.1 0.9 1.3



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: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

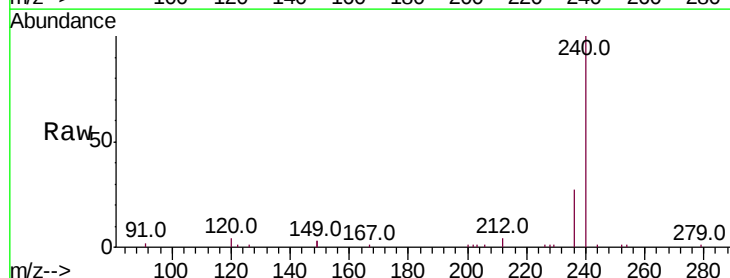
Tgt Ion:240 Resp: 16712

Ion Ratio Lower Upper

240 100

120 4.0 3.2 4.8

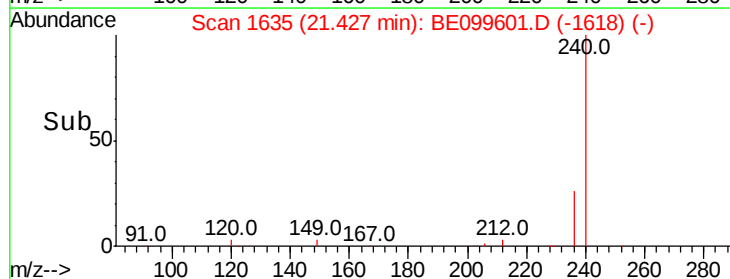
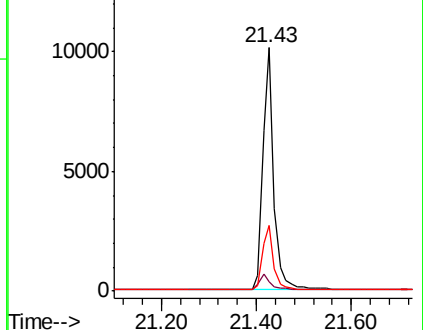
236 26.9 21.0 31.6

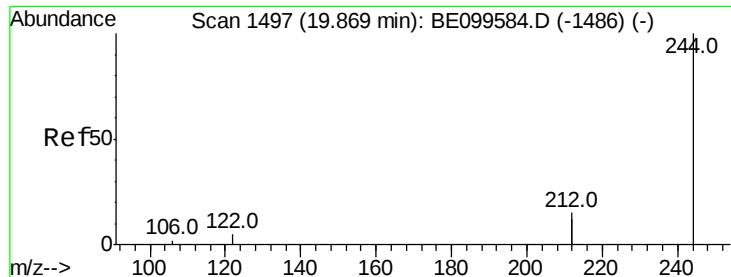


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.588 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

Instrument :

BNA_E

ClientSampleId :

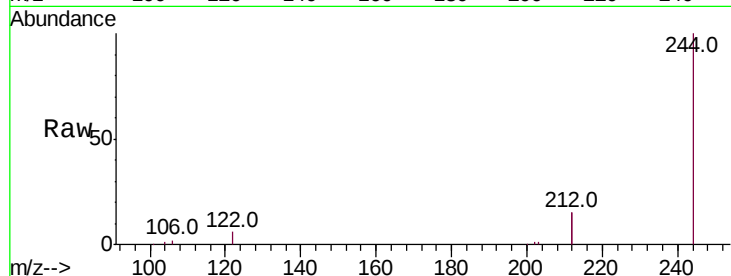
Tot Ion:244 Resp: 17460

Ion Ratio Lower Upper

244 100

212 29.6 24.4 36.6

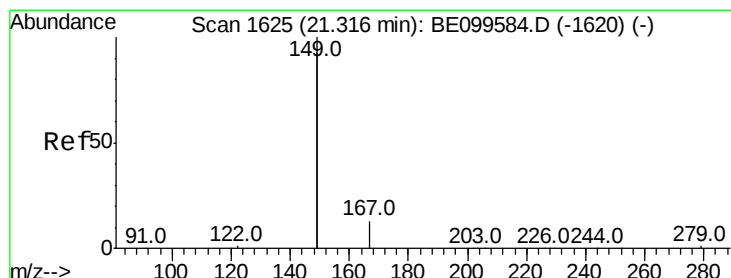
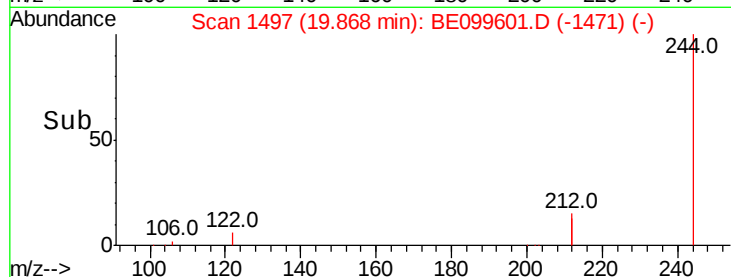
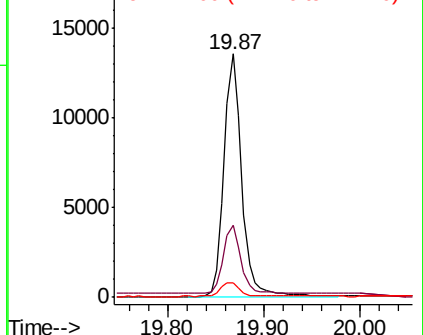
122 6.1 4.6 6.8



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: 1.350 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099601.D

Acq: 10 May 2019 16:31

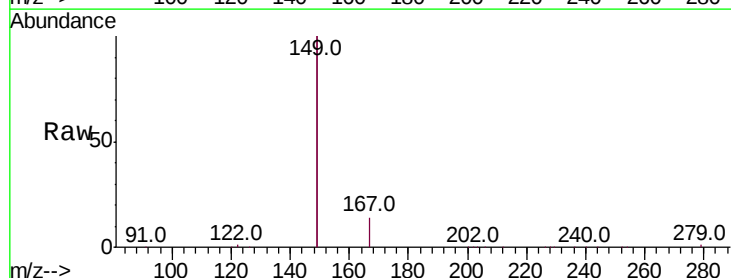
Tgt Ion:149 Resp: 98991

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

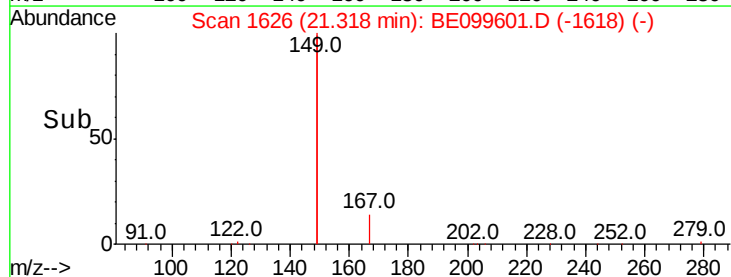
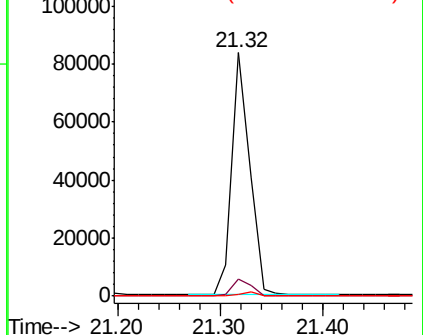
279 1.3 1.1 1.7

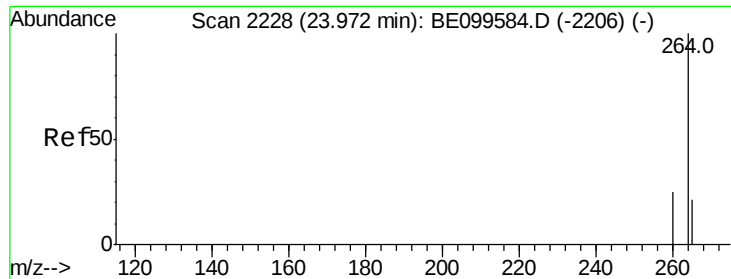


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlène-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BE099601.D
Acq: 10 May 2019 16:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 264 Resp: 19423
Ion Ratio Lower Upper
264 100
260 25.0 20.3 30.5
265 25.4 20.9 31.3

