

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099761.D
 Acq On : 28 May 2019 17:41
 Operator : JU/SJ
 Sample : K3037-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 28 18:21:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

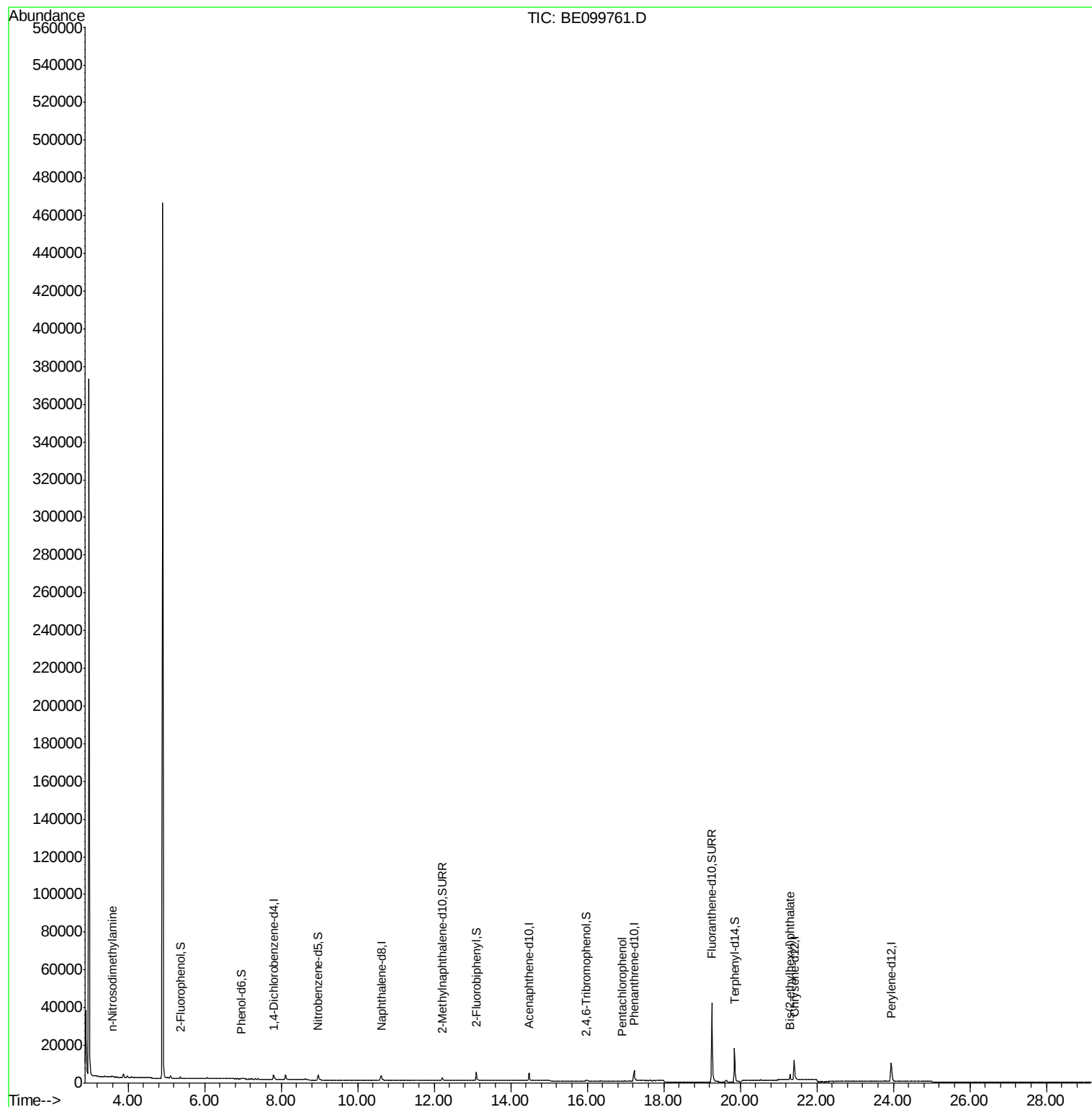
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1266	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4367	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	3219	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10698	0.40	ng	0.00
27) Chrysene-d12	21.42	240	15264	0.40	ng	0.00
34) Perylene-d12	23.94	264	17716	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	460	0.14	ng	0.00
5) Phenol-d6	6.97	99	403	0.10	ng	0.00
8) Nitrobenzene-d5	8.96	82	1695	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3155	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.98	330	414	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6172	0.51	ng	0.00
25) Fluoranthene-d10	19.26	212	67010	0.46	ng	0.00
29) Terphenyl-d14	19.85	244	20333	0.75	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.58	42	107	0.103	ng	# 1
22) Pentachlorophenol	16.92	266	13	0.187	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.31	149	3195	0.064	ng	# 99

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

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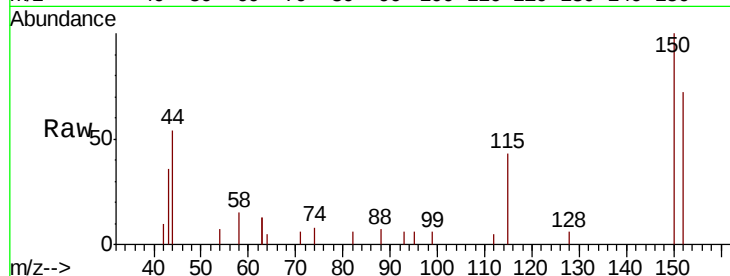


#1

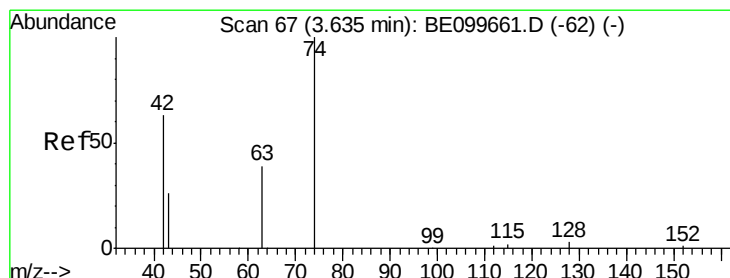
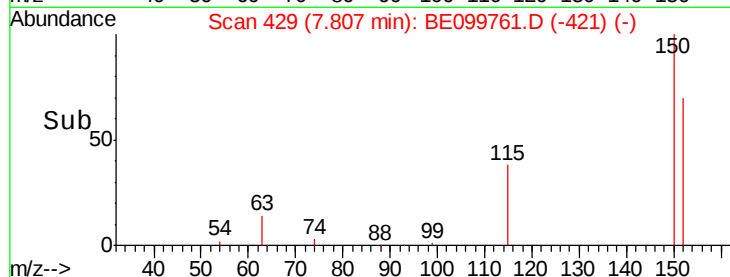
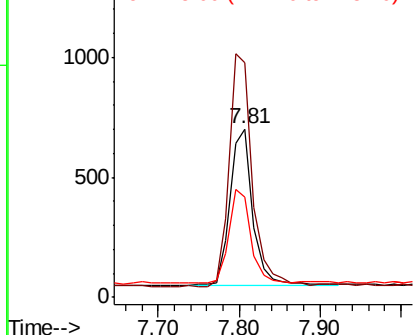
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099761.D
Acq: 28 May 2019 17:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1266
Ion Ratio Lower Upper
152 100
150 139.5 109.2 163.8
115 59.7 43.7 65.5



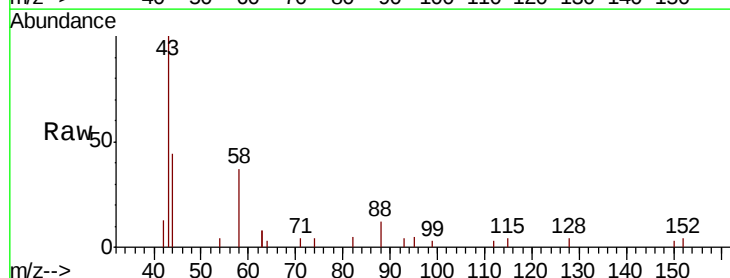
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



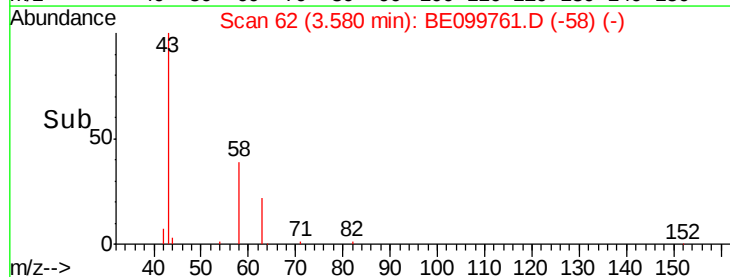
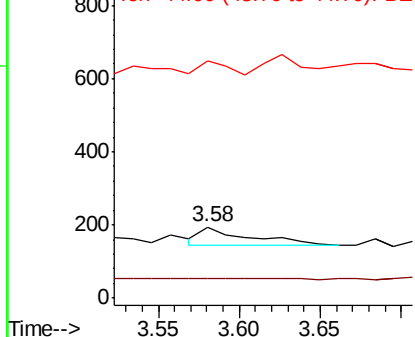
#3

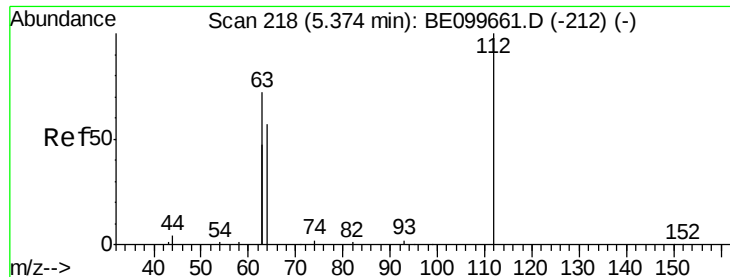
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.05 min
Lab File: BE099761.D
Acq: 28 May 2019 17:41

Tgt Ion: 42 Resp: 107
Ion Ratio Lower Upper
42 100
74 0.0 129.2 193.8#
44 42.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

Instrument :

BNA_E

ClientSampleId :

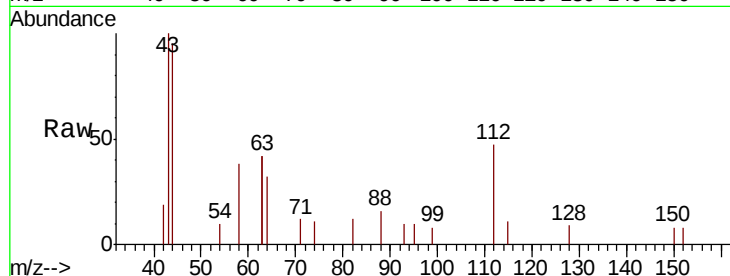
Tot Ion: 112 Resp: 460

Ion Ratio Lower Upper

112 100

64 59.3 43.4 65.2

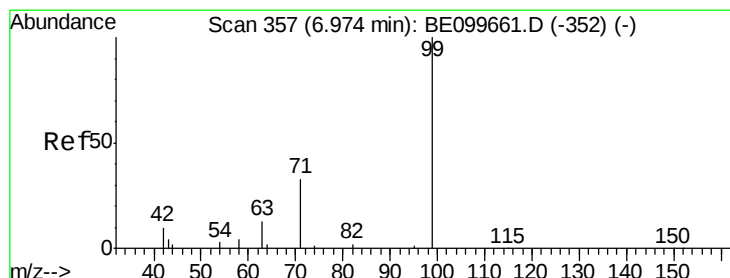
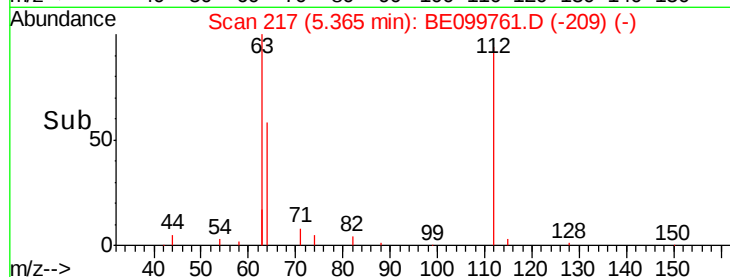
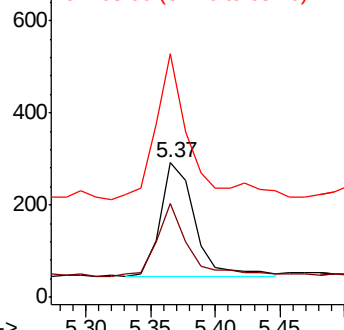
63 115.4 96.9 145.3



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: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

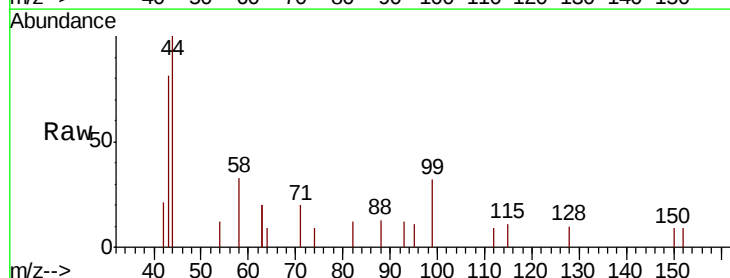
Tgt Ion: 99 Resp: 403

Ion Ratio Lower Upper

99 100

42 23.6 12.2 18.2#

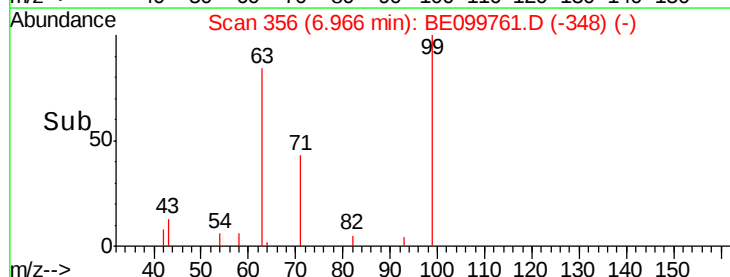
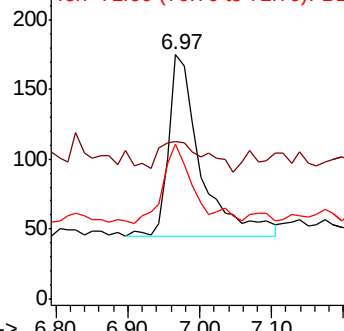
71 41.7 28.9 43.3

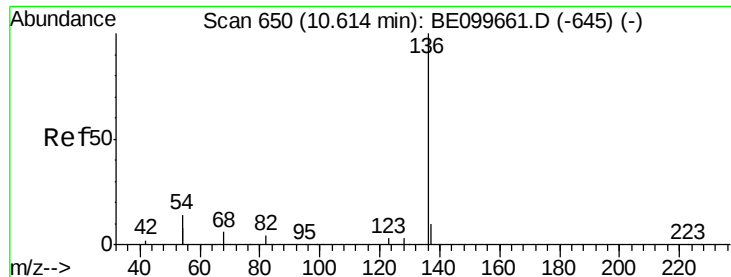


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4367

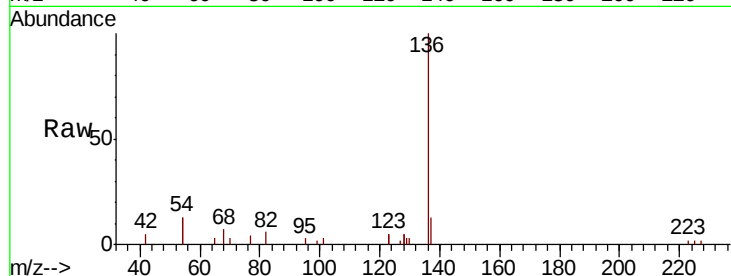
Ion Ratio Lower Upper

136 100

137 13.2 9.0 13.6

54 25.2 22.3 33.5

68 7.0 6.0 9.0

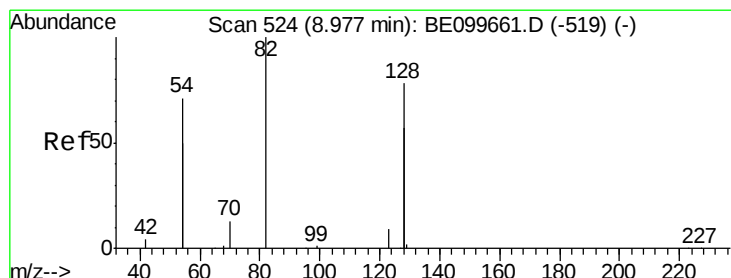
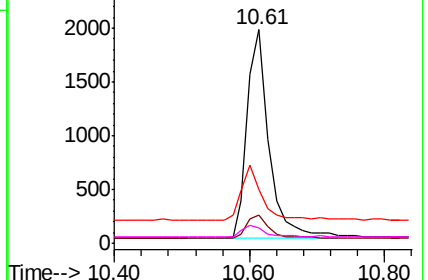
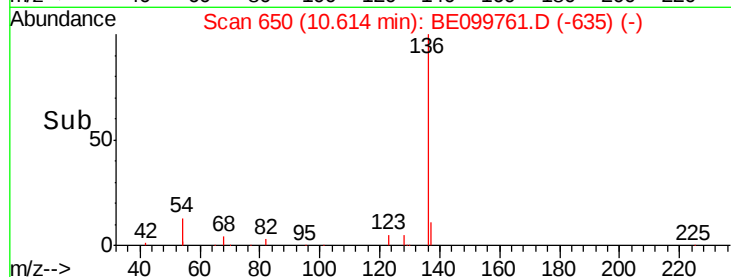


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.448 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

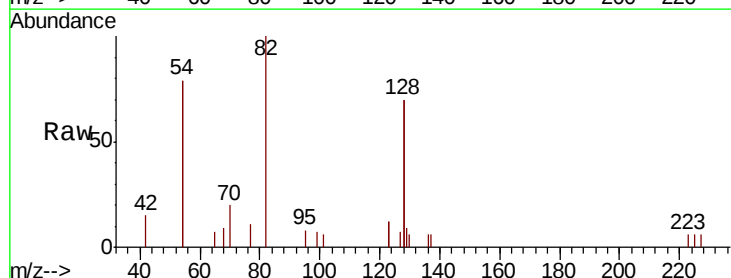
Tgt Ion: 82 Resp: 1695

Ion Ratio Lower Upper

82 100

128 139.4 117.7 176.5

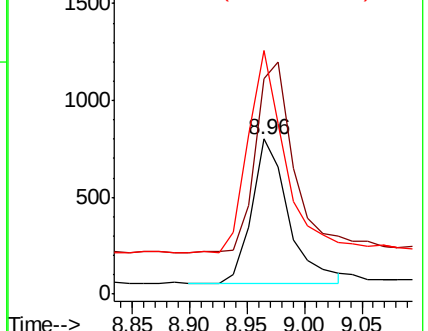
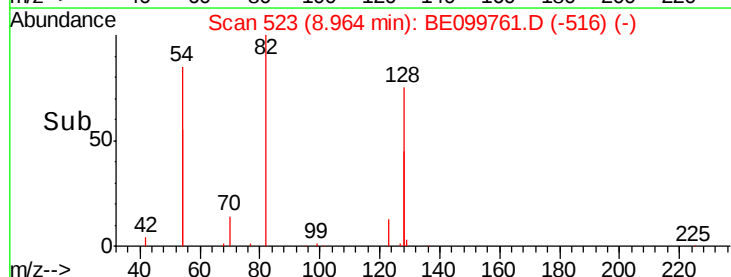
54 157.4 106.6 160.0

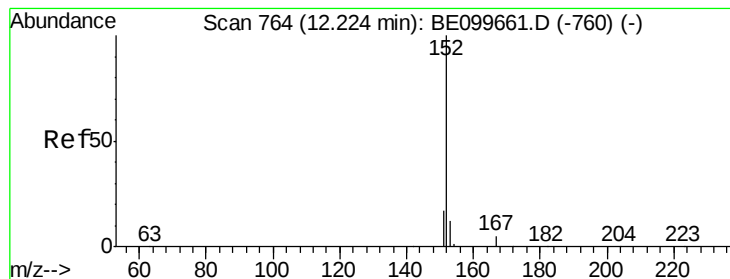


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

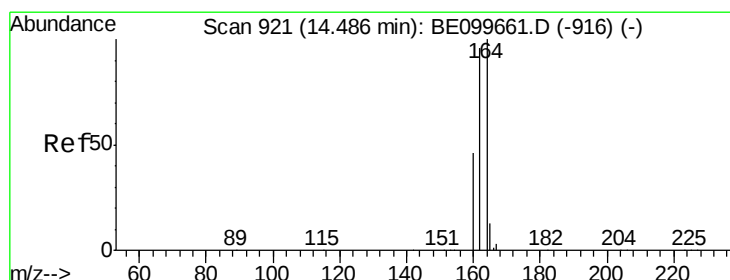
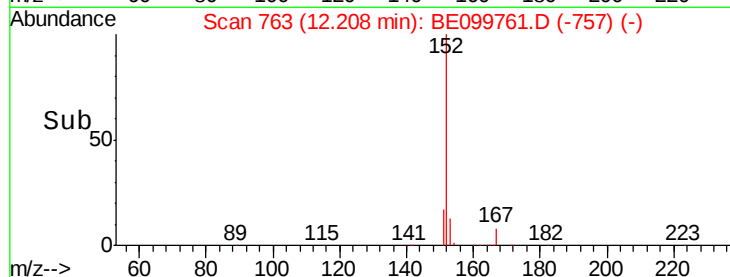
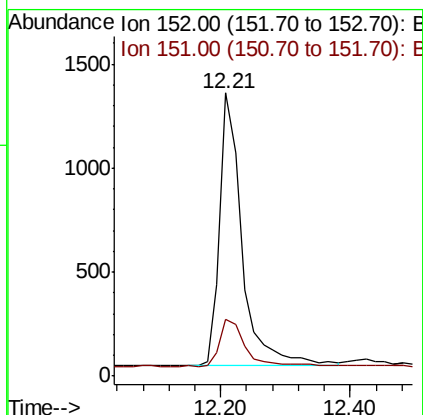
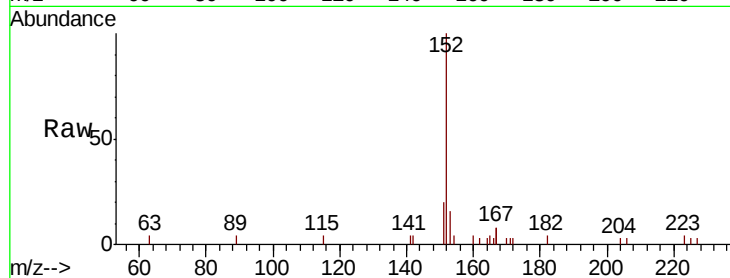




#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099761.D
 Acq: 28 May 2019 17:41

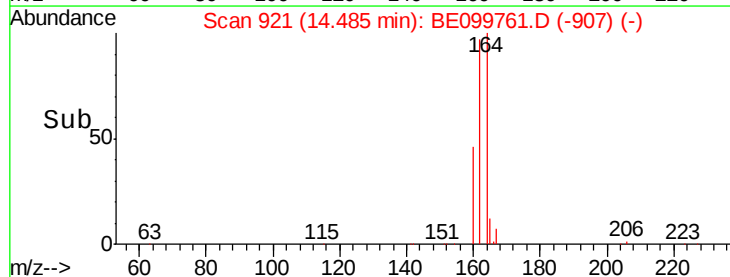
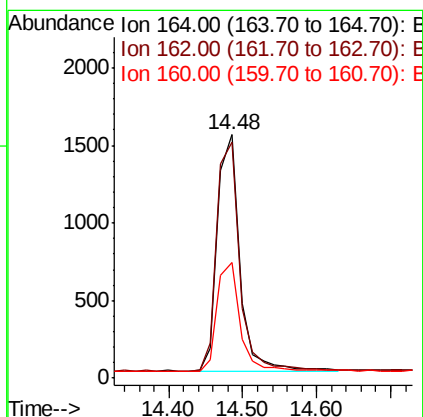
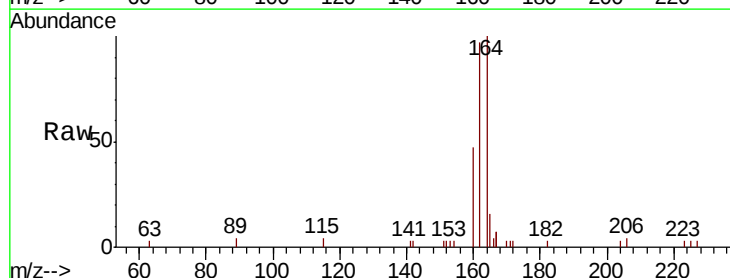
Instrument :
 BNA_E
 ClientSampleId :

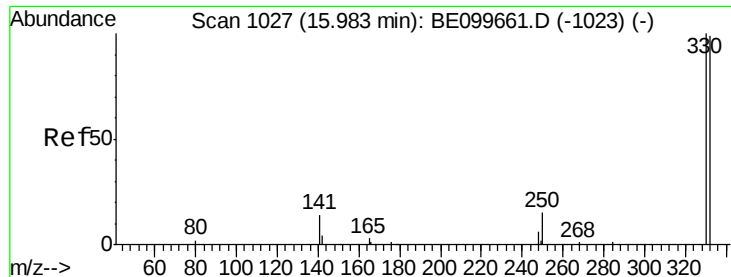
Tot Ion:152 Resp: 3155
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099761.D
 Acq: 28 May 2019 17:41

Tgt Ion:164 Resp: 3219
 Ion Ratio Lower Upper
 164 100
 162 97.1 76.5 114.7
 160 47.4 37.4 56.2





#14

2,4,6-Tribromophenol

Concen: 0.305 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

Instrument :

BNA_E

ClientSampled :

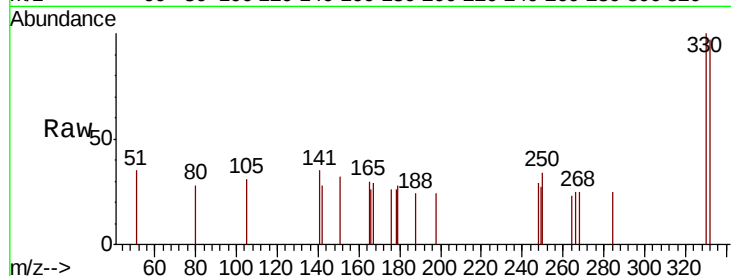
Tot Ion:330 Resp: 414

Ion Ratio Lower Upper

330 100

332 100.2 77.3 115.9

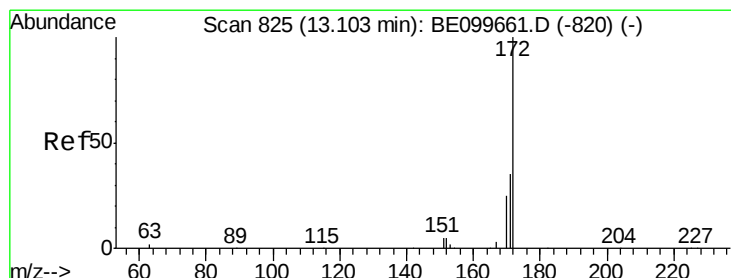
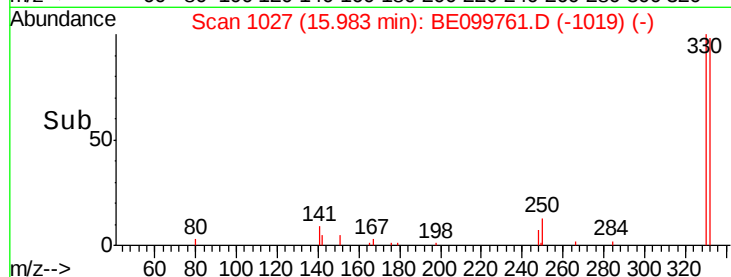
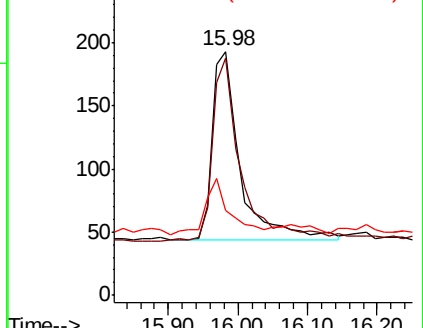
141 26.1 18.9 28.3



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: 0.505 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

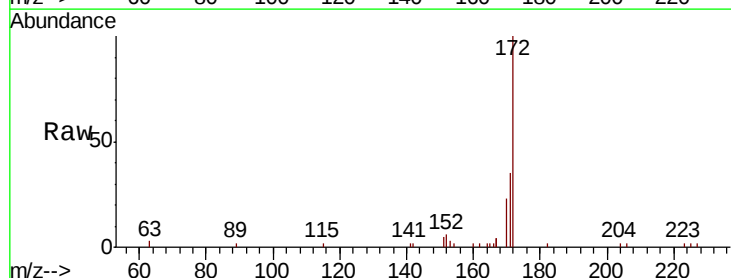
Tgt Ion:172 Resp: 6172

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

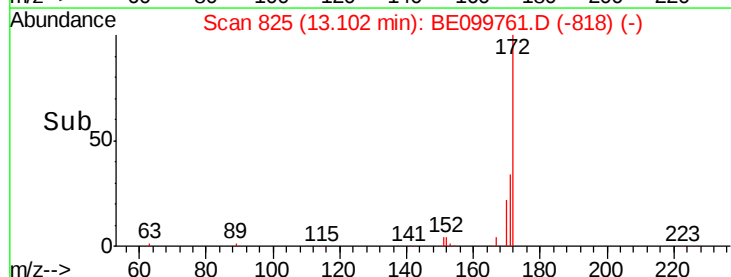
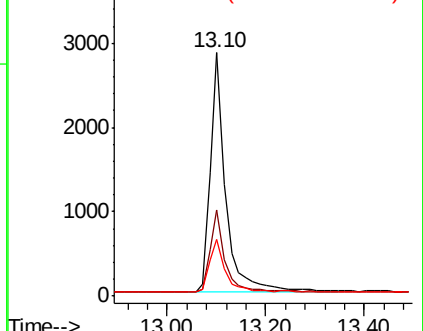
170 23.4 20.9 31.3

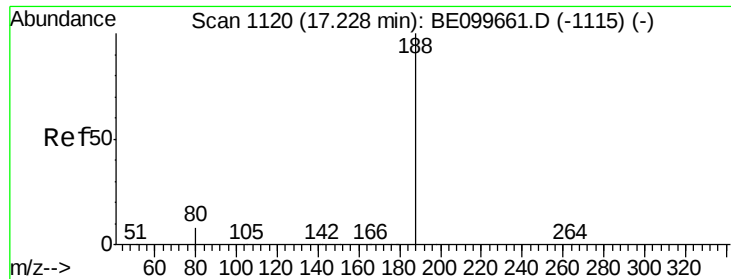


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

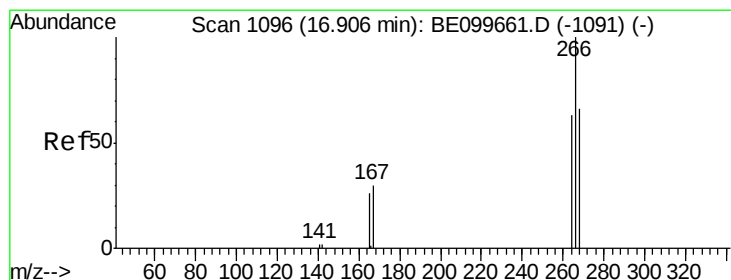
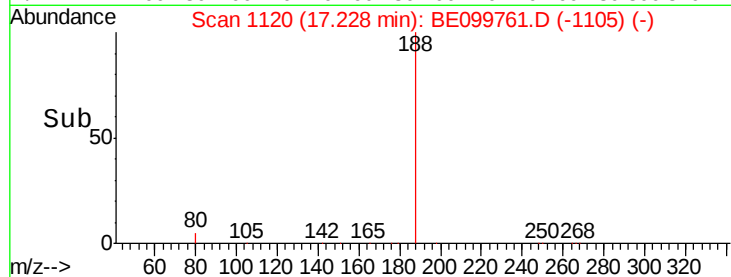
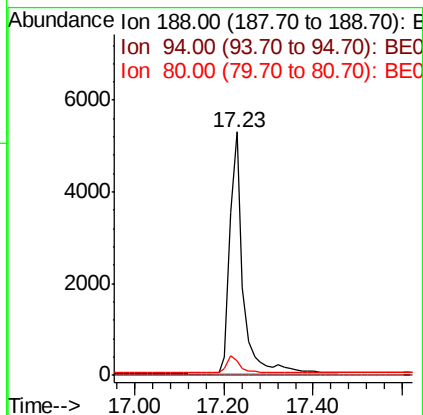
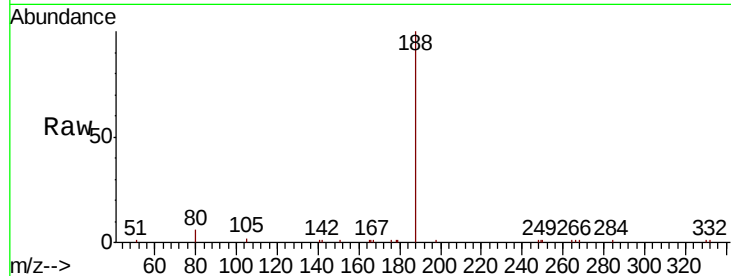




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099761.D
Acq: 28 May 2019 17:41

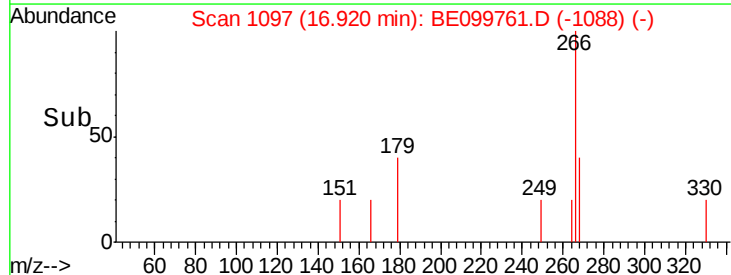
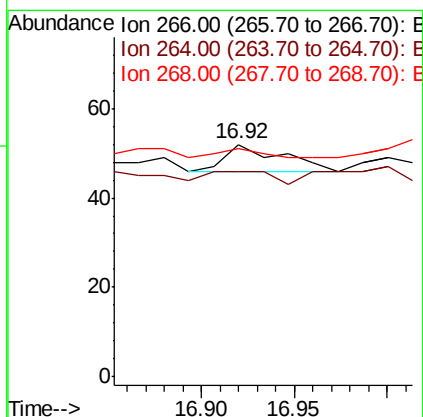
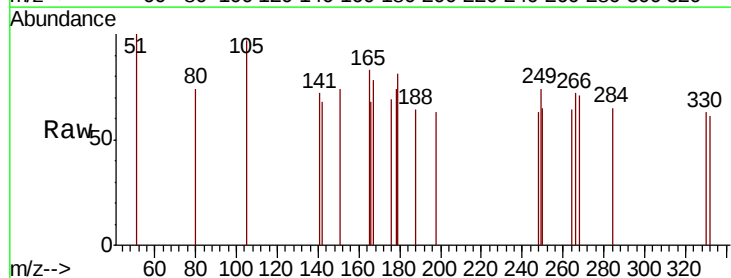
Instrument :
BNA_E
ClientSampleId :

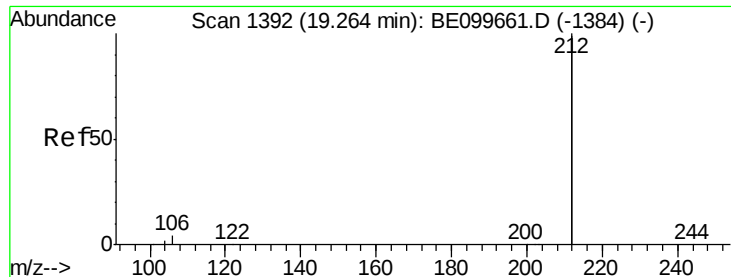
Tot Ion:188 Resp: 10698
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 6.7 10.1#



#22
Pentachlorophenol
Concen: 0.187 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BE099761.D
Acq: 28 May 2019 17:41

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 88.5 57.2 85.8#
268 98.1 60.5 90.7#





#25

Fluoranthene-d10

Concen: 0.458 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

Instrument :

BNA_E

ClientSampled :

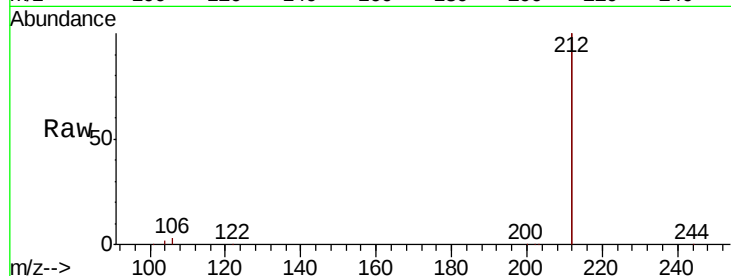
Tot Ion:212 Resp: 67010

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

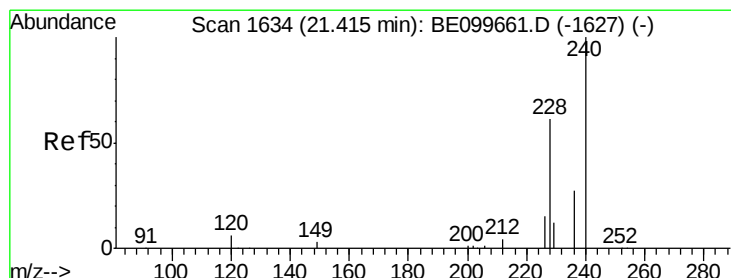
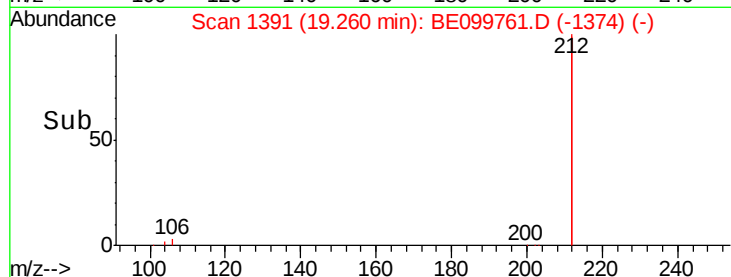
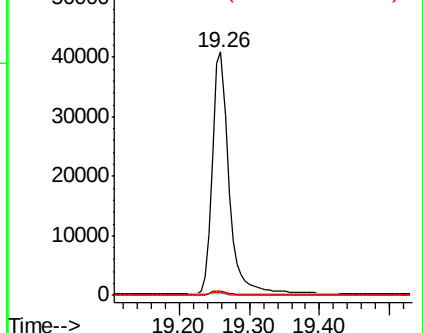
104 1.0 0.8 1.2



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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

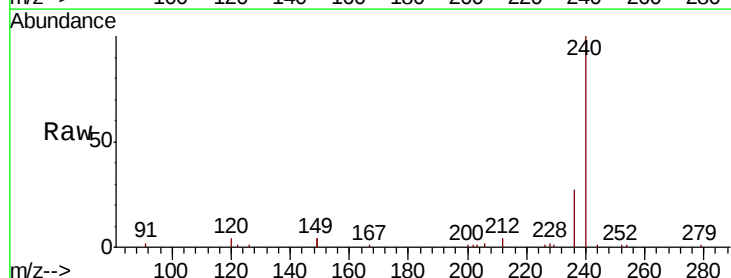
Tgt Ion:240 Resp: 15264

Ion Ratio Lower Upper

240 100

120 3.9 5.4 8.0#

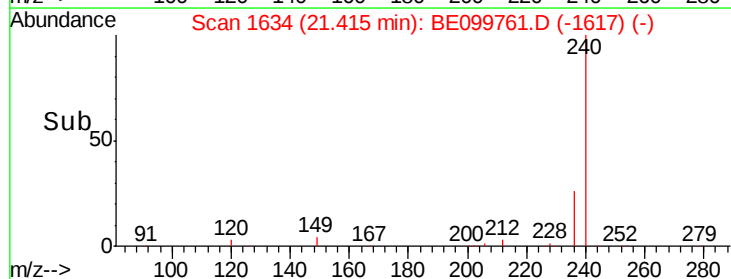
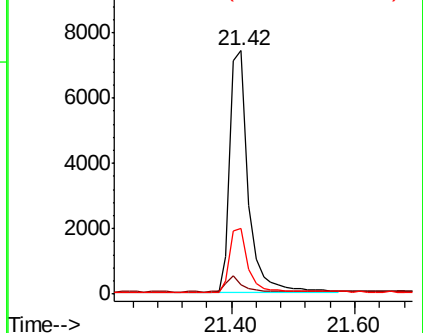
236 26.7 21.7 32.5

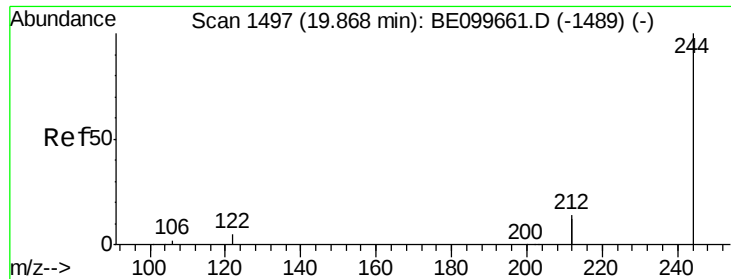


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.746 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

Instrument :

BNA_E

ClientSampleId :

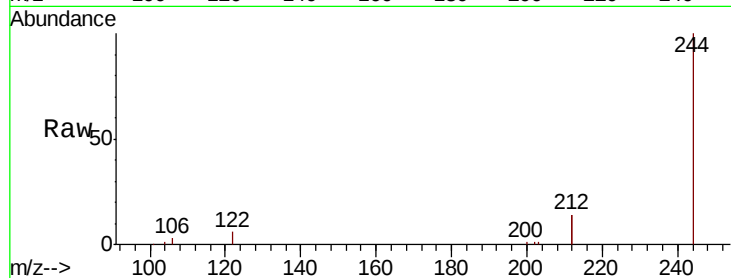
Tot Ion:244 Resp: 20333

Ion Ratio Lower Upper

244 100

212 28.7 22.5 33.7

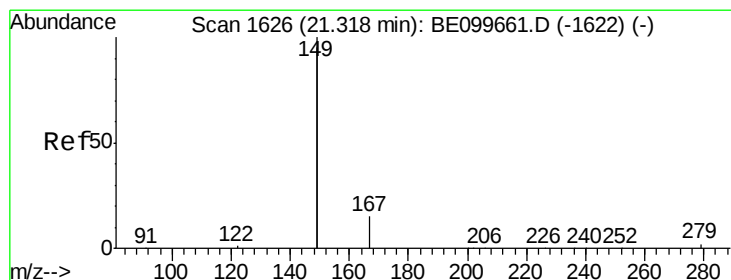
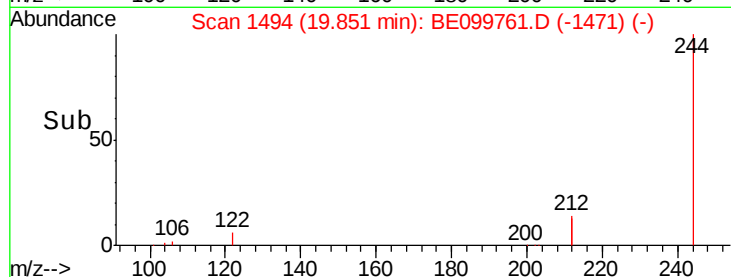
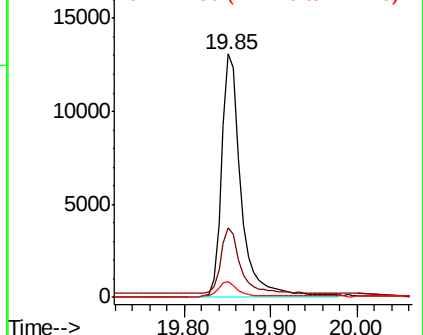
122 6.2 4.3 6.5



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: 0.064 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

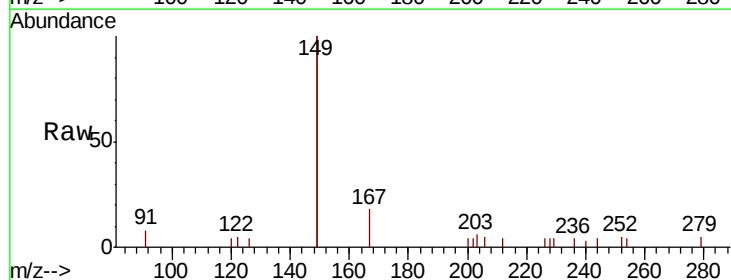
Tgt Ion:149 Resp: 3195

Ion Ratio Lower Upper

149 100

167 8.2 6.2 9.4

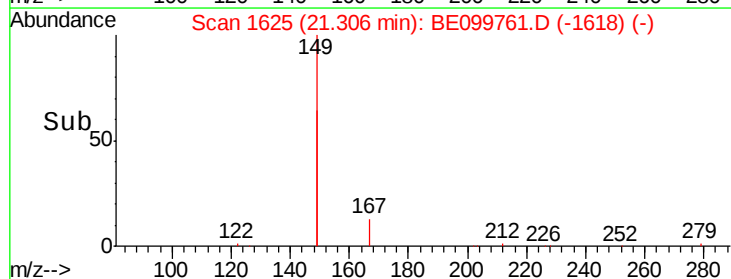
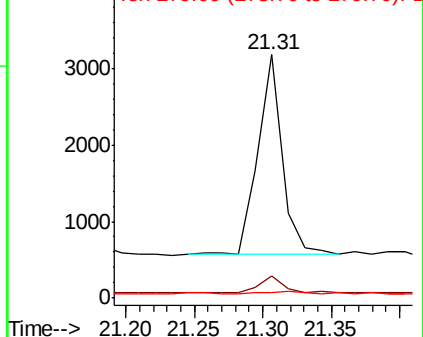
279 2.4 1.2 1.8#

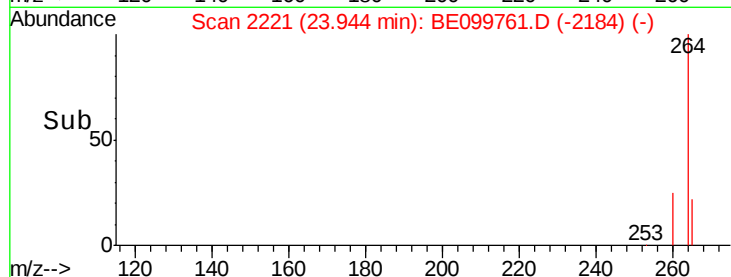
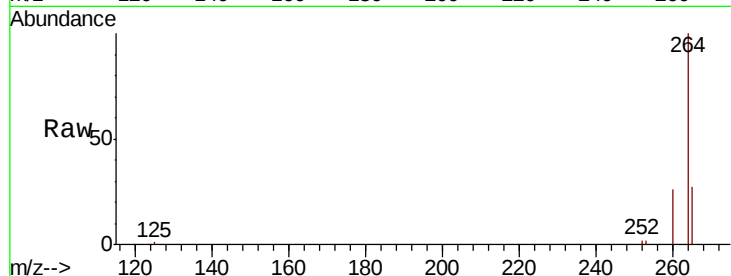
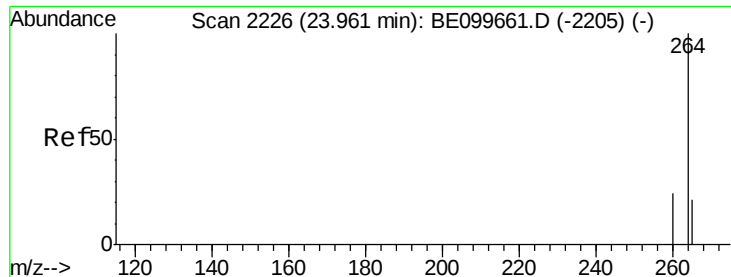


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BE099761.D

Acq: 28 May 2019 17:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 17716

Ion Ratio Lower Upper

264 100

260 25.6 19.6 29.4

265 27.0 19.1 28.7

