

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099745.D
 Acq On : 24 May 2019 16:46
 Operator : JU/SJ
 Sample : K3036-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 24 21:34:14 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

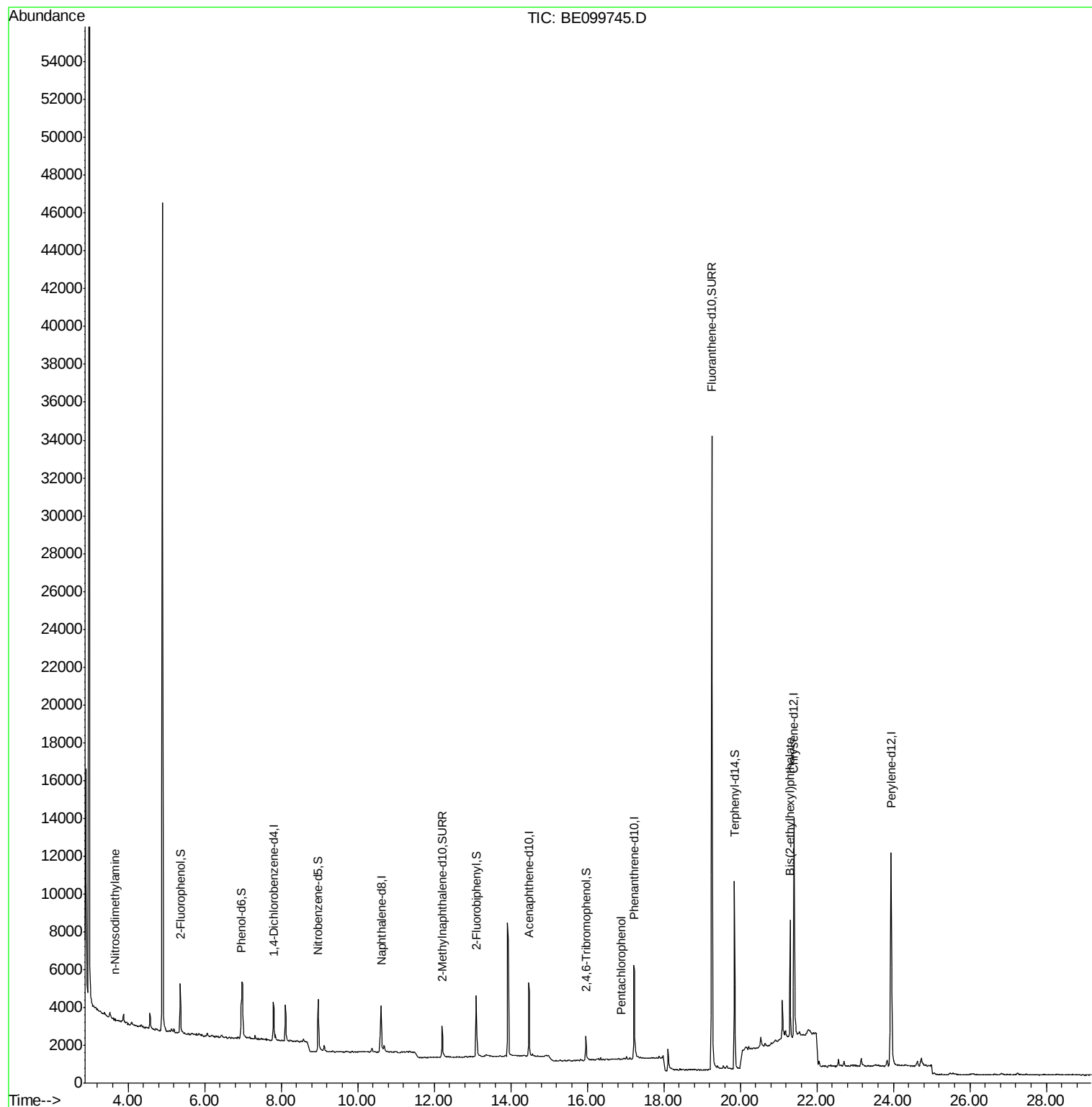
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1117	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	3848	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2845	0.40	ng	-0.02
19) Phenanthrene-d10	17.22	188	9422	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	14967	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17935	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1499	0.53	ng	0.00
5) Phenol-d6	6.97	99	2032	0.54	ng	0.00
8) Nitrobenzene-d5	8.96	82	1493	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2645	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	998	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3976	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	48453	0.38	ng	-0.01
29) Terphenyl-d14	19.85	244	9604	0.36	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.65	42	48	0.053	ng	# 1
22) Pentachlorophenol	16.88	266	8	0.185	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.31	149	6616	0.135	ng	# 100

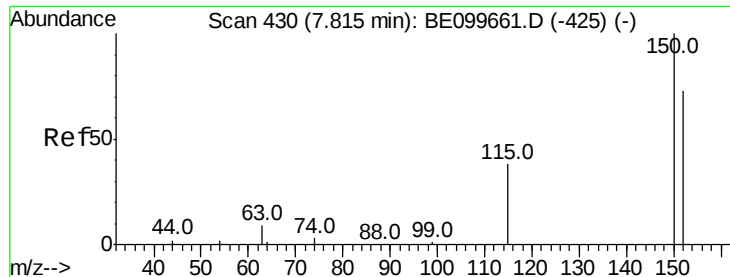
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.02 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

Instrument :

BNA_E

ClientSampleId :

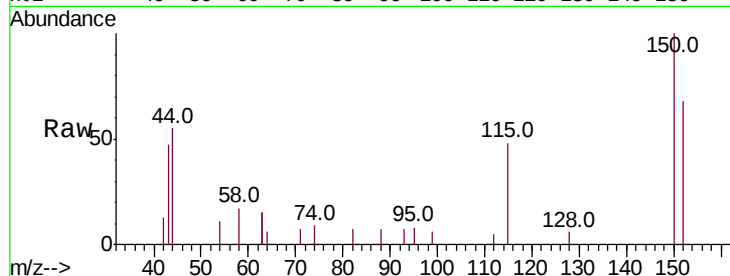
Tot Ion:152 Resp: 1117

Ion Ratio Lower Upper

152 100

150 148.0 109.2 163.8

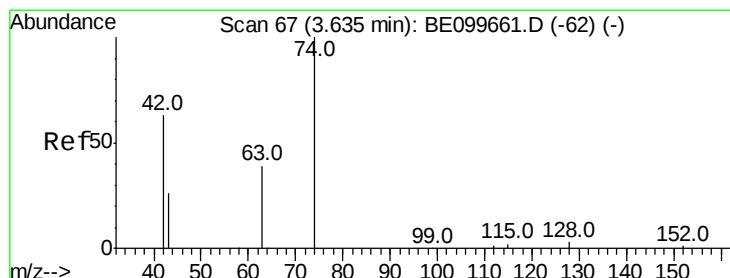
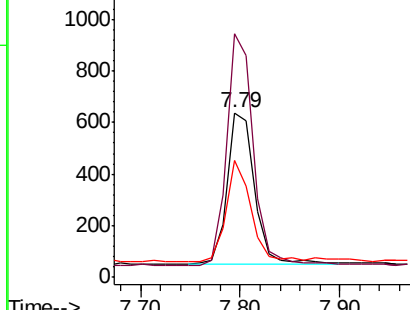
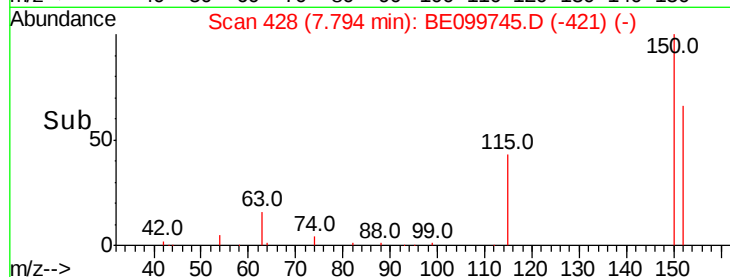
115 70.8 43.7 65.5#



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: 0.053 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.01 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

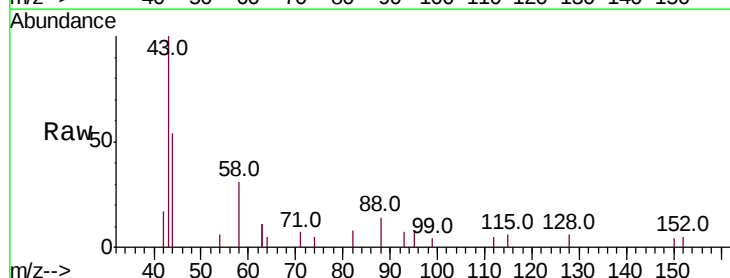
Tgt Ion: 42 Resp: 48

Ion Ratio Lower Upper

42 100

74 18.8 129.2 193.8#

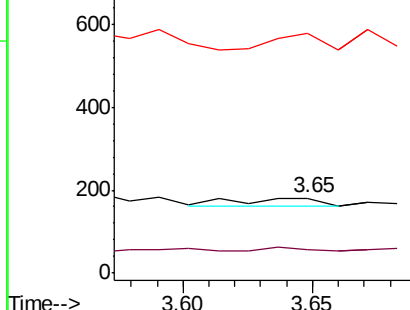
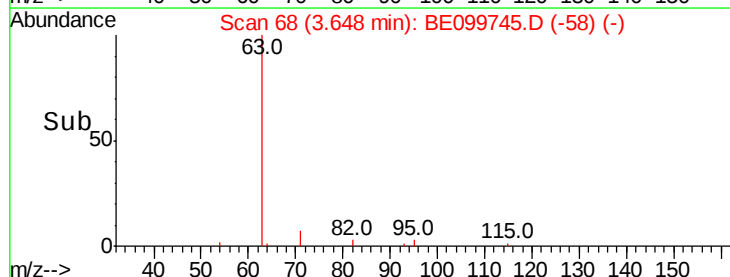
44 95.8 0.0 0.0#

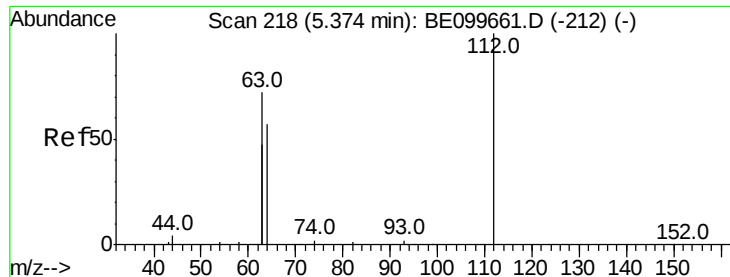


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.531 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

Instrument :

BNA_E

ClientSampleId :

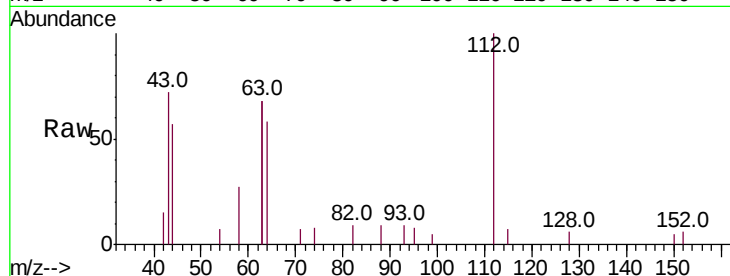
Tot Ion:112 Resp: 1499

Ion Ratio Lower Upper

112 100

64 54.5 43.4 65.2

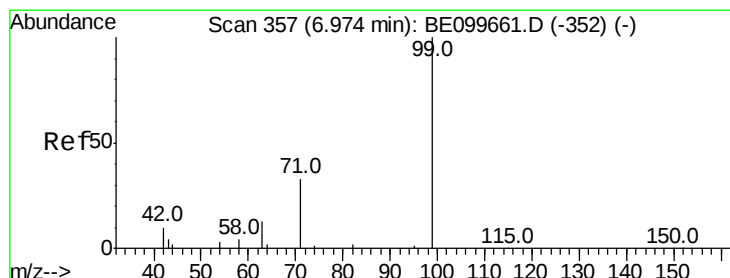
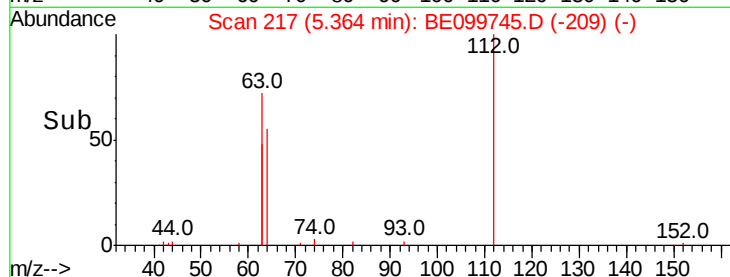
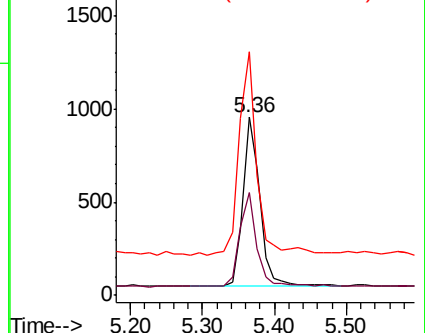
63 129.4 96.9 145.3



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: 0.544 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

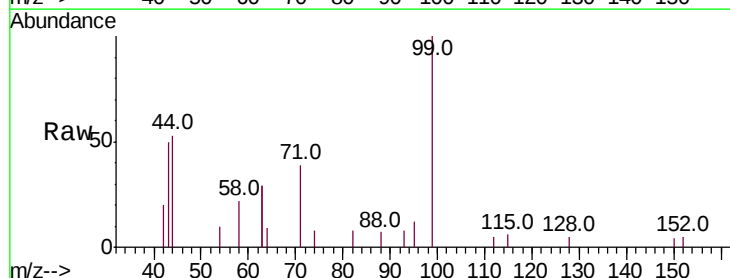
Tgt Ion: 99 Resp: 2032

Ion Ratio Lower Upper

99 100

42 22.5 12.2 18.2#

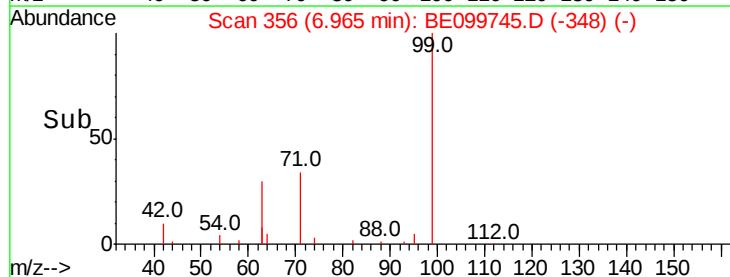
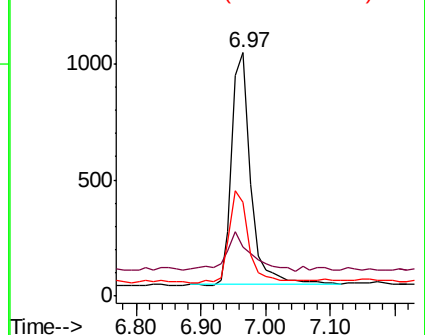
71 41.7 28.9 43.3

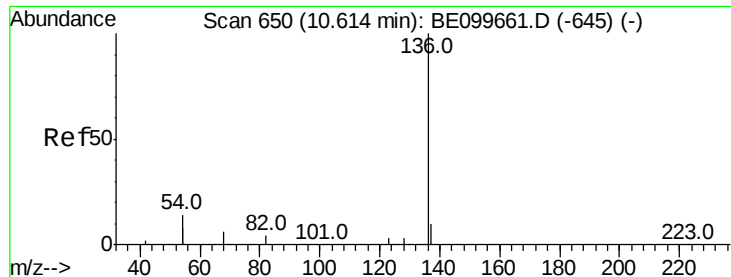


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099745.D

Acq: 24 May 2019 16:46

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 3848

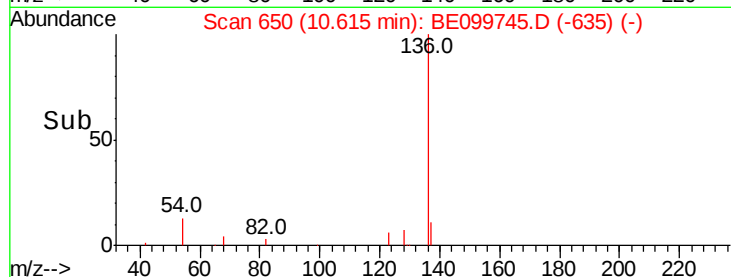
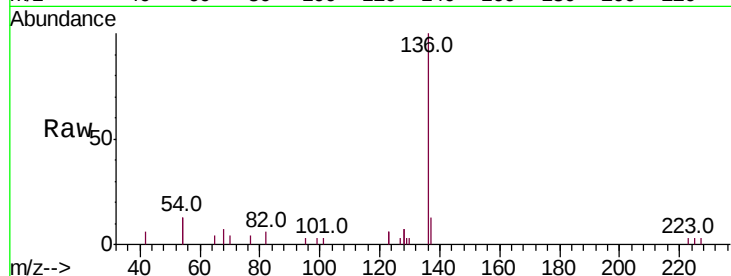
Ion Ratio Lower Upper

136 100

137 12.9 9.0 13.6

54 25.7 22.3 33.5

68 7.1 6.0 9.0

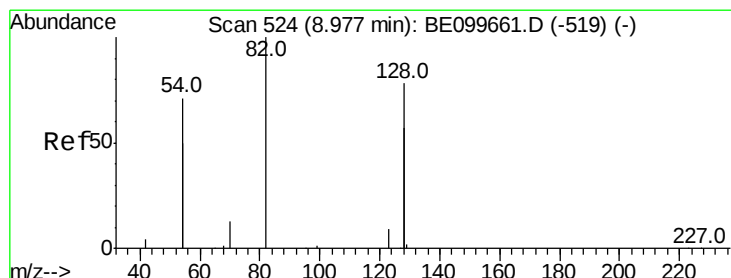
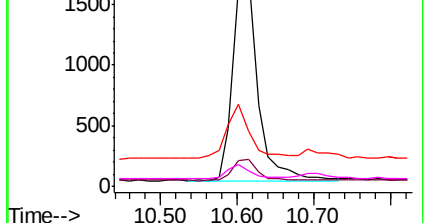


Abundance Ion 136.00 (135.70 to 136.70): E

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: BE099745.D

Acq: 24 May 2019 16:46

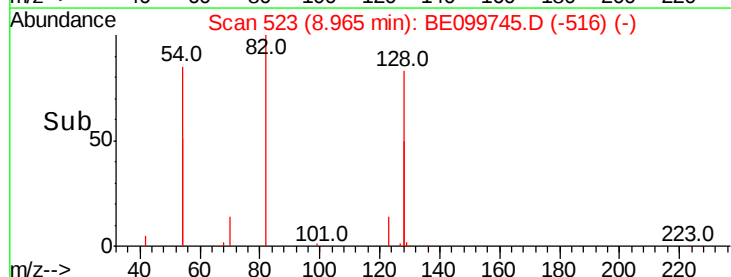
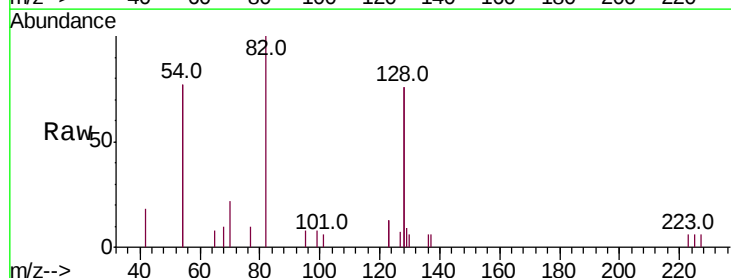
Tgt Ion: 82 Resp: 1493

Ion Ratio Lower Upper

82 100

128 151.3 117.7 176.5

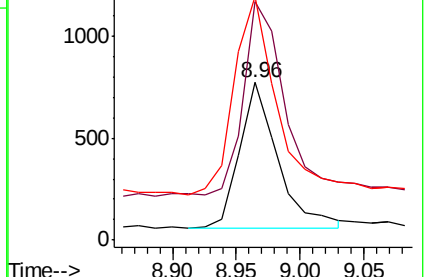
54 154.7 106.6 160.0

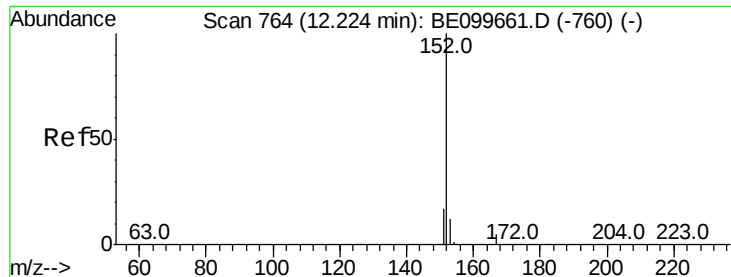


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

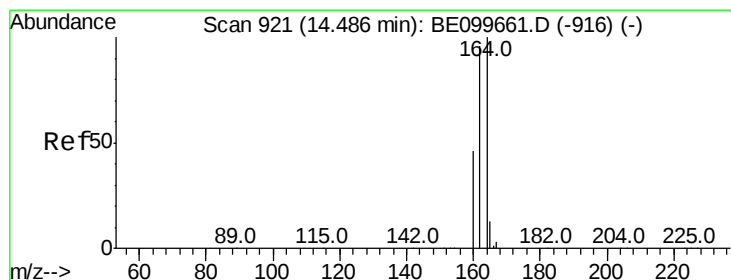
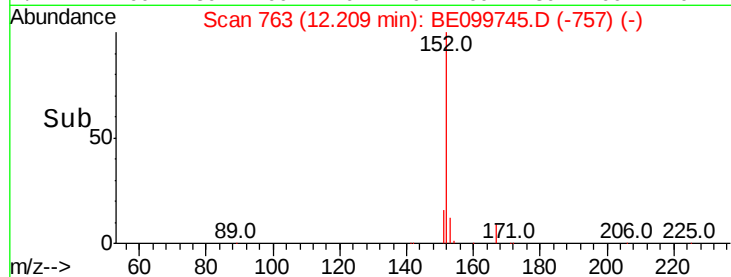
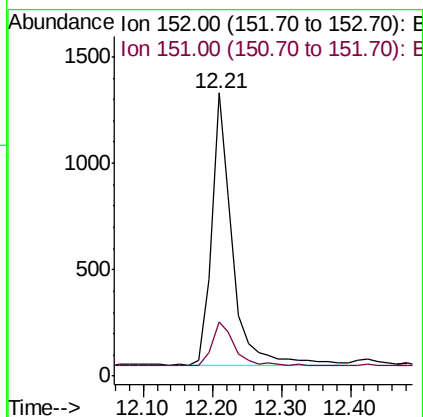
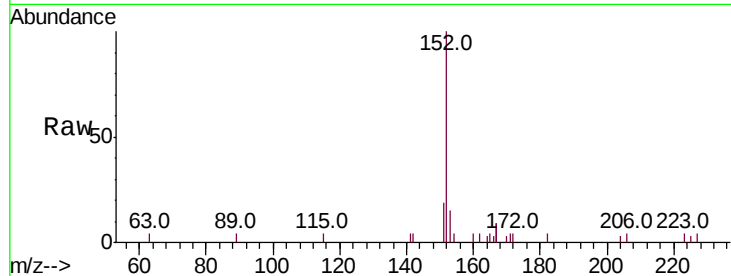




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099745.D
 Acq: 24 May 2019 16:46

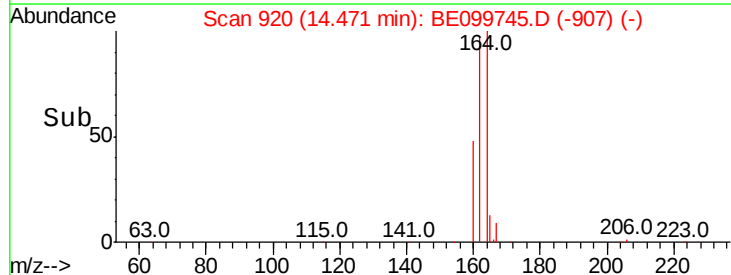
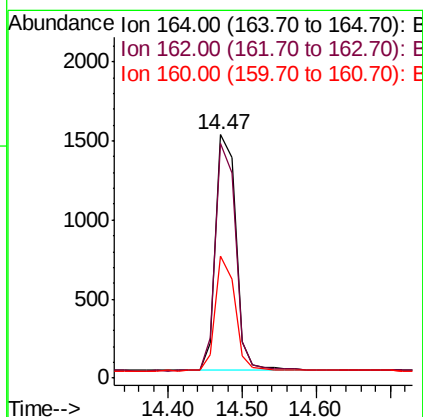
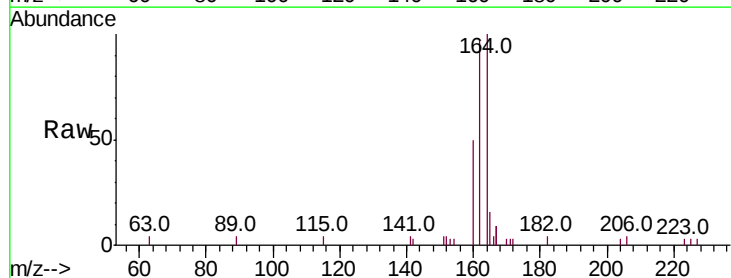
Instrument :
 BNA_E
 ClientSampleId :

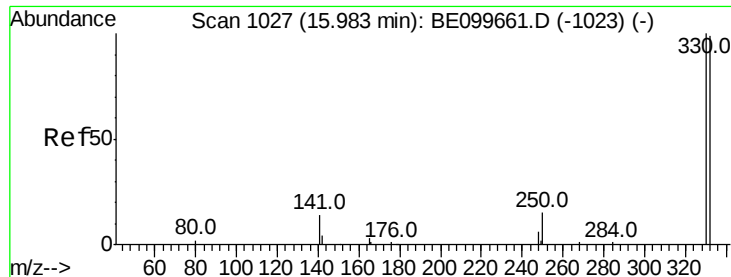
Tot Ion:152 Resp: 2645
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BE099745.D
 Acq: 24 May 2019 16:46

Tgt Ion:164 Resp: 2845
 Ion Ratio Lower Upper
 164 100
 162 96.6 76.5 114.7
 160 49.9 37.4 56.2





#14

2,4,6-Tribromophenol

Concen: 0.583 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

Instrument :

BNA_E

ClientSampleId :

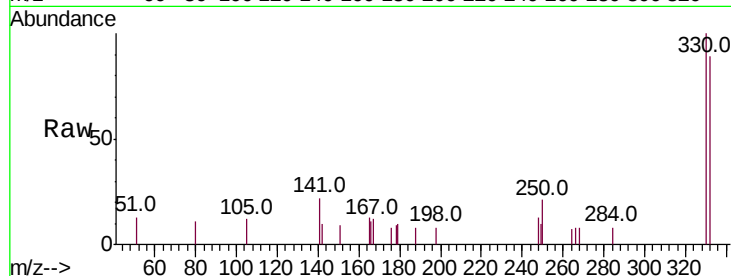
Tot Ion:330 Resp: 998

Ion Ratio Lower Upper

330 100

332 89.1 77.3 115.9

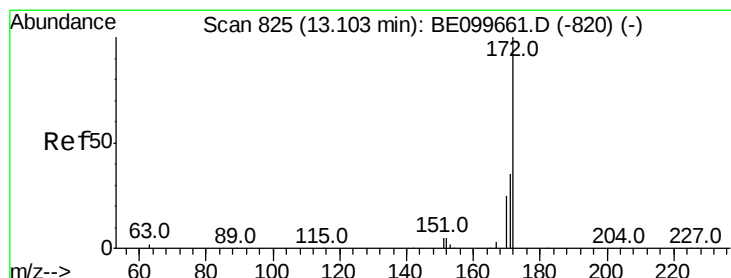
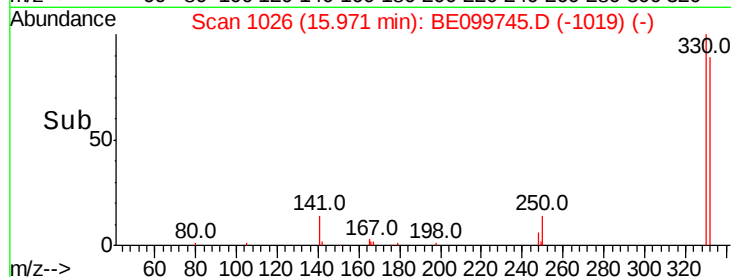
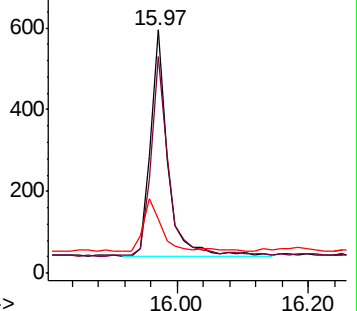
141 24.3 18.9 28.3



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: 0.368 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

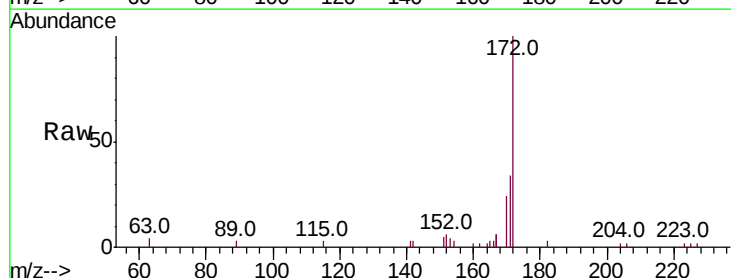
Tgt Ion:172 Resp: 3976

Ion Ratio Lower Upper

172 100

171 34.2 28.7 43.1

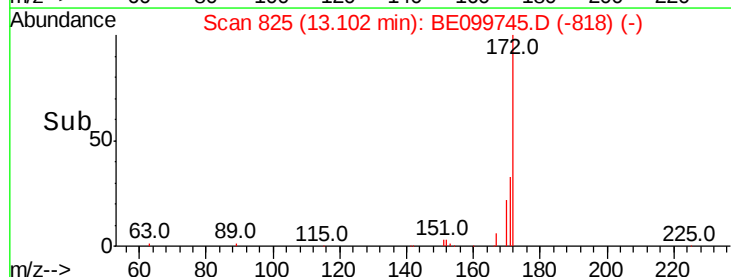
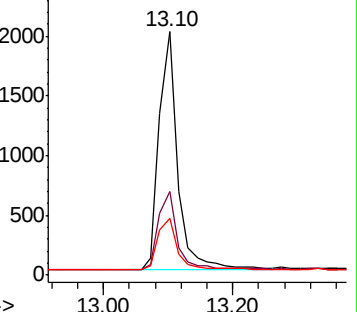
170 23.6 20.9 31.3

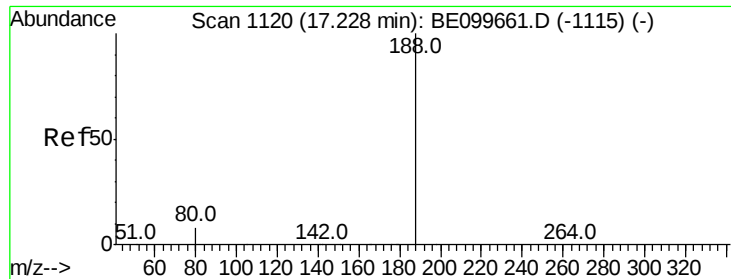


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

Instrument :

BNA_E

ClientSampleId :

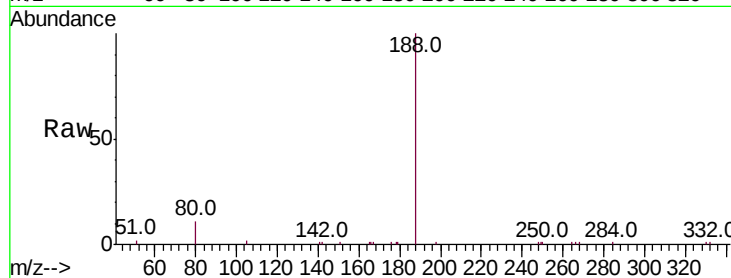
Tot Ion:188 Resp: 9422

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

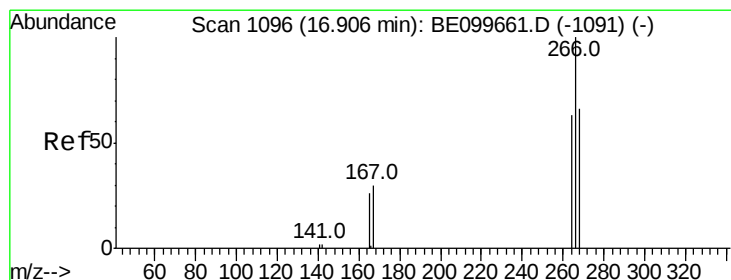
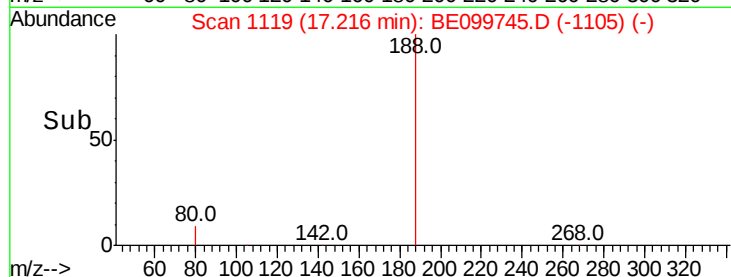
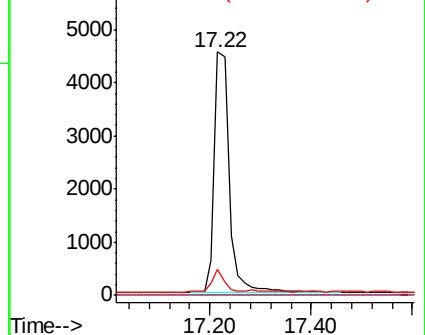
80 10.8 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.185 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

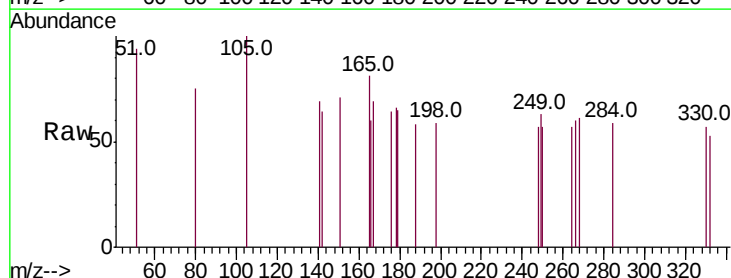
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 94.0 57.2 85.8#

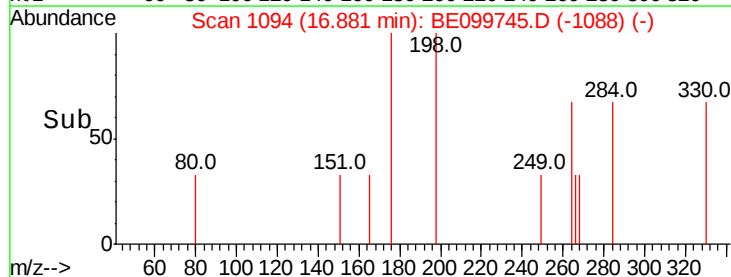
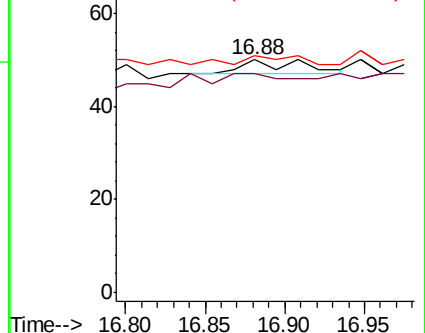
268 102.0 60.5 90.7#

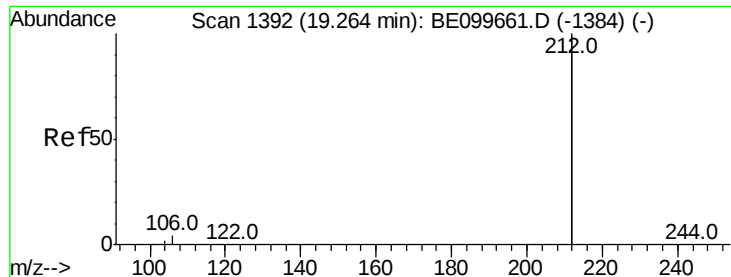


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

Instrument :

BNA_E

ClientSampleId :

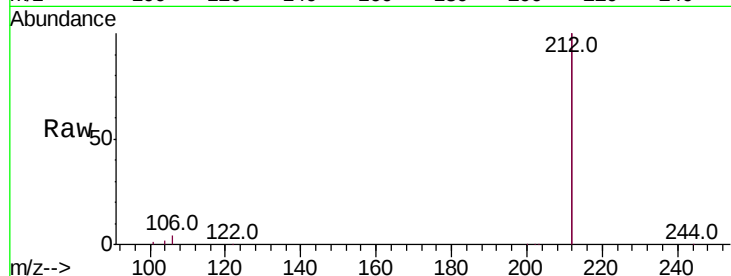
Tot Ion:212 Resp: 48453

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

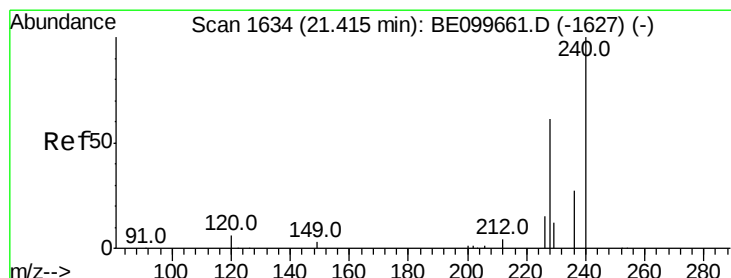
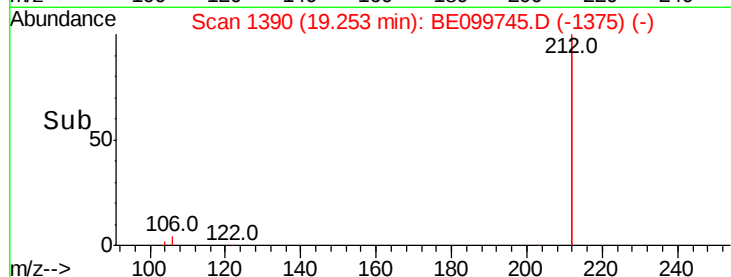
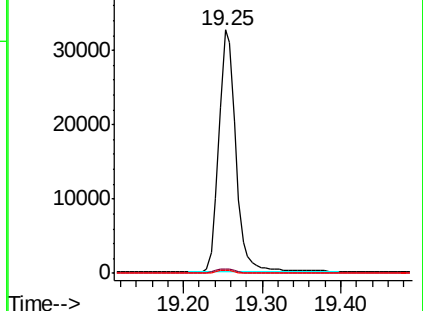
104 1.0 0.8 1.2



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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

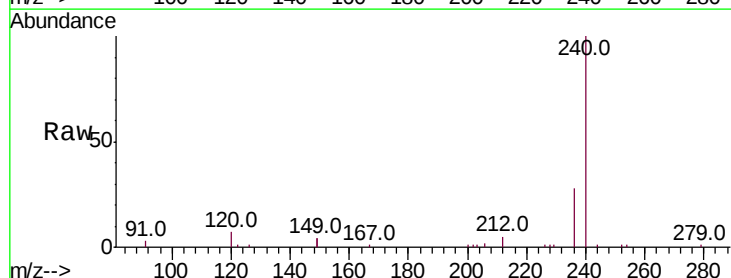
Tgt Ion:240 Resp: 14967

Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.0

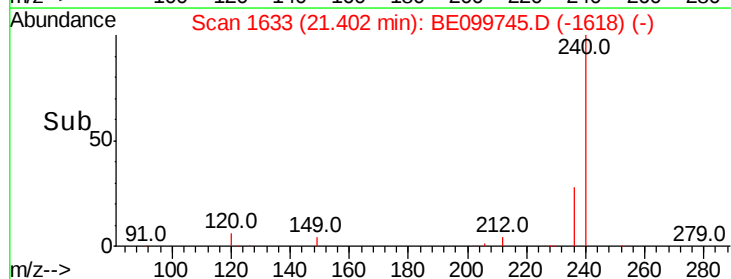
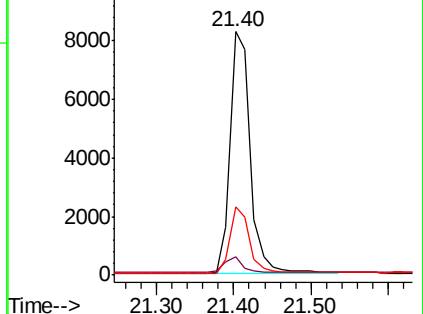
236 28.3 21.7 32.5

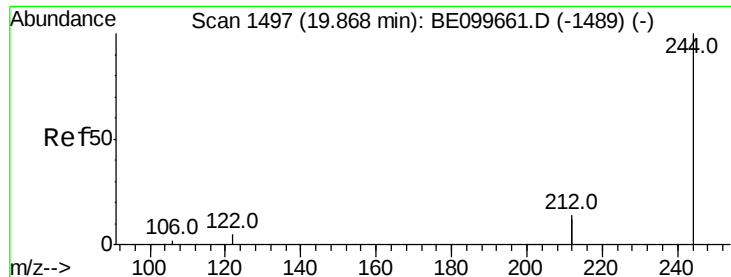


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.359 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

Instrument :

BNA_E

ClientSampleId :

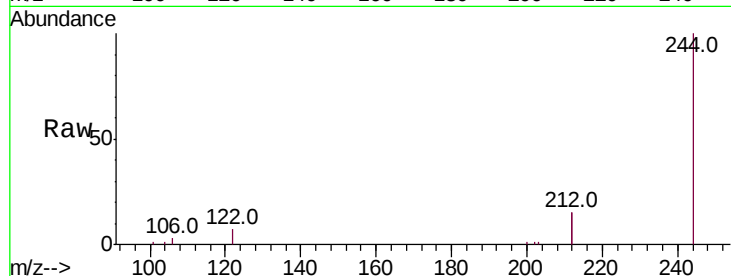
Tot Ion:244 Resp: 9604

Ion Ratio Lower Upper

244 100

212 30.6 22.5 33.7

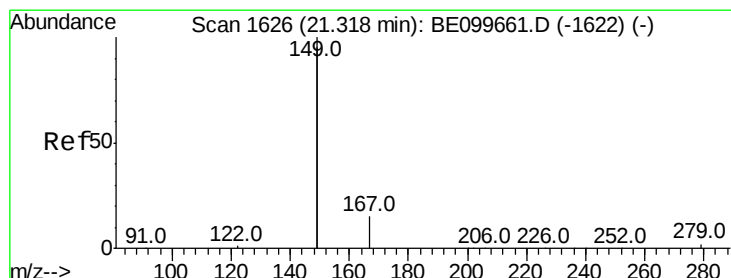
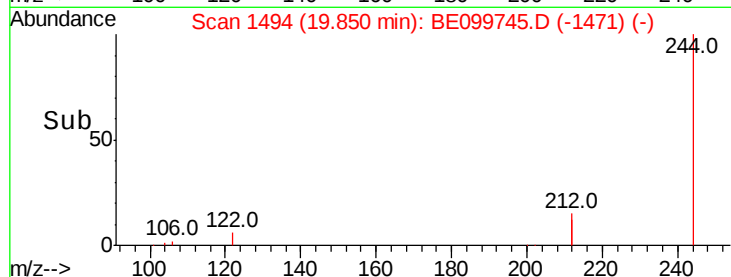
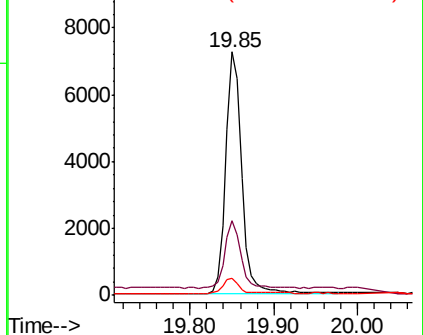
122 7.0 4.3 6.5#



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: 0.135 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099745.D

Acq: 24 May 2019 16:46

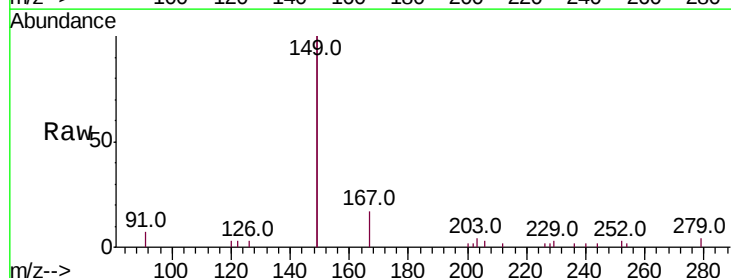
Tgt Ion:149 Resp: 6616

Ion Ratio Lower Upper

149 100

167 7.9 6.2 9.4

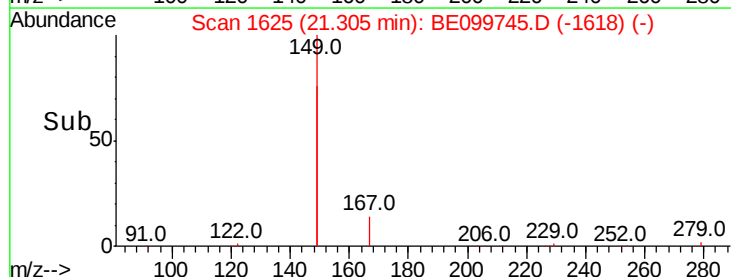
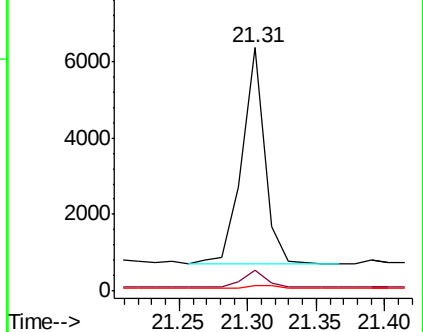
279 1.9 1.2 1.8#

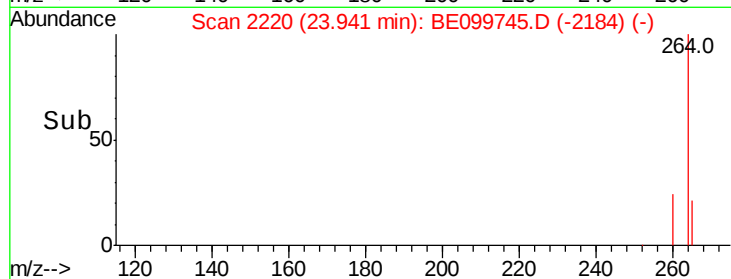
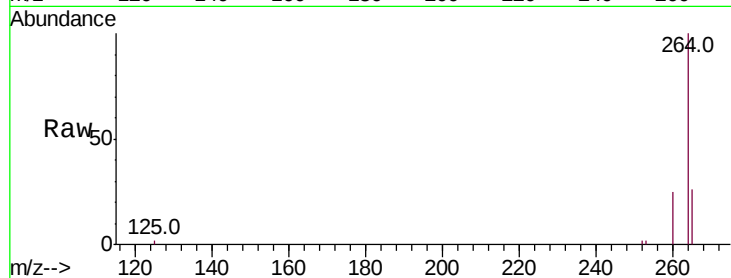
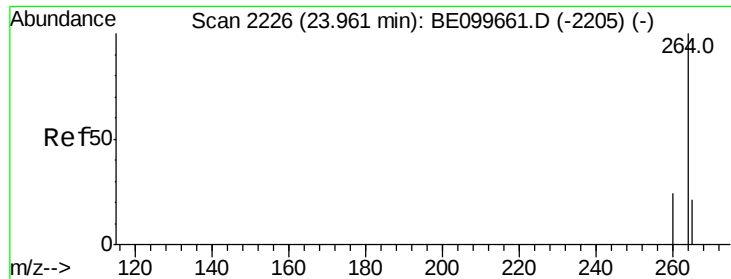


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2220
 Delta R.T. -0.02 min
 Lab File: BE099745.D
 Acq: 24 May 2019 16:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	25.8	19.1	28.7

