

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099195.D
 Acq On : 26 Mar 2019 00:37
 Operator : JU/SJ
 Sample : K2073-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-03

Quant Time: Mar 26 07:10:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

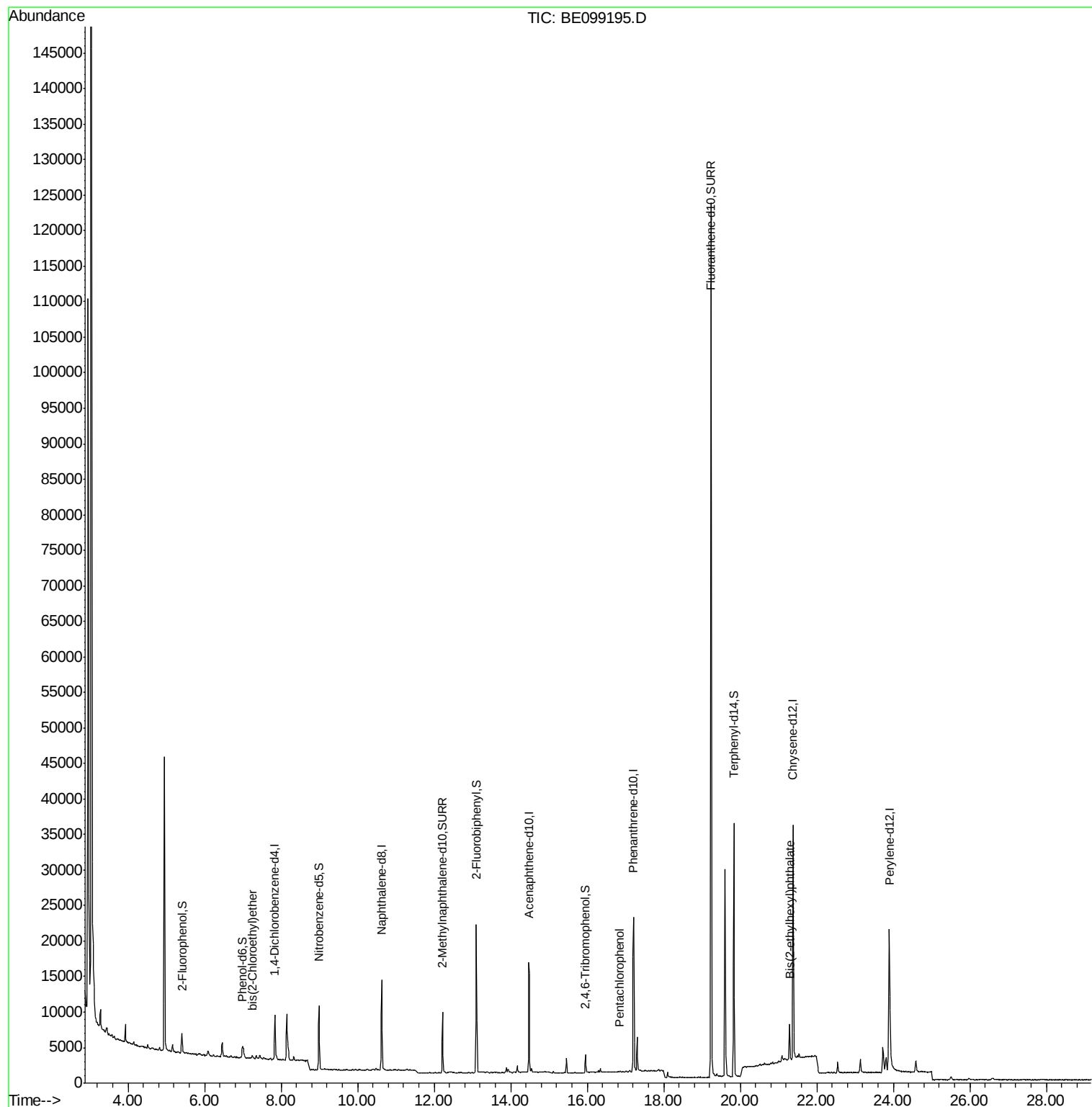
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3342	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14752	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10953	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	32272	0.40	ng	0.00
27) Chrysene-d12	21.38	240	35980	0.40	ng	-0.01
34) Perylene-d12	23.89	264	34691	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1754	0.18	ng	0.00
5) Phenol-d6	6.99	99	1542	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	4143	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10506	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1596	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18153	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	156428	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	31813	0.41	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.24	93	321	0.027	ng	Qvalue # 1
22) Pentachlorophenol	16.85	266	156	0.293	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	7679	0.054	ng	100

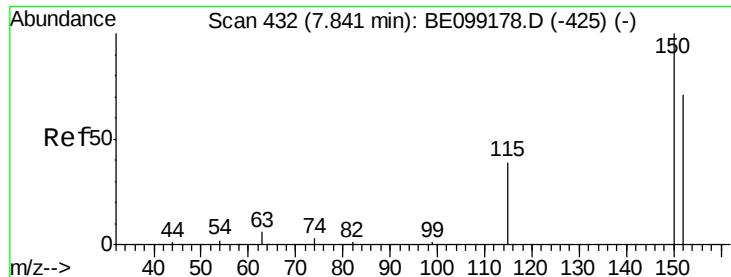
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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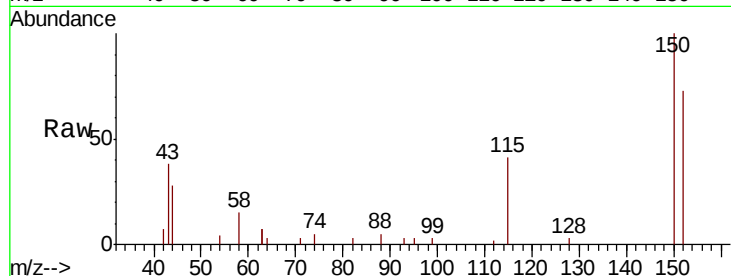


#1

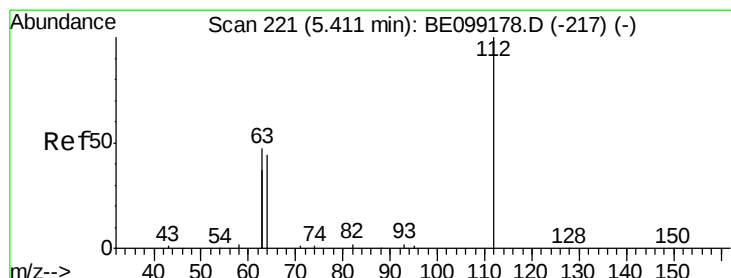
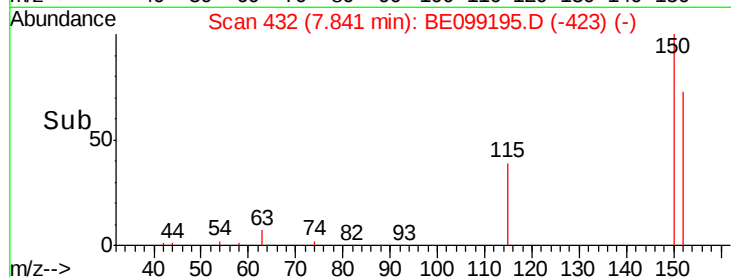
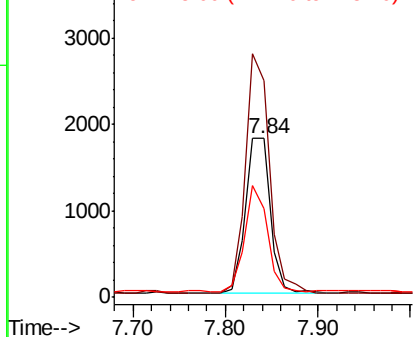
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099195.D
Acq: 26 Mar 2019 00:37

Instrument :
BNA_E
ClientSampleId :
P001-TW001-03

Tot Ion:152 Resp: 3342
Ion Ratio Lower Upper
152 100
150 136.8 112.8 169.2
115 56.1 45.1 67.7



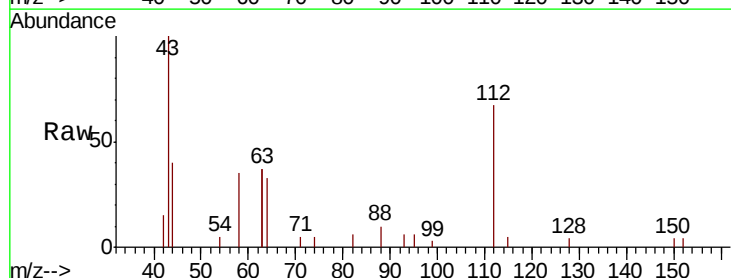
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



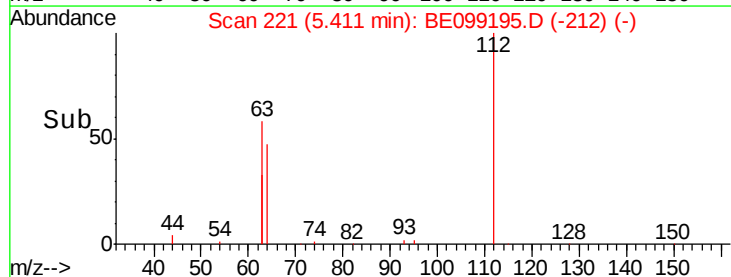
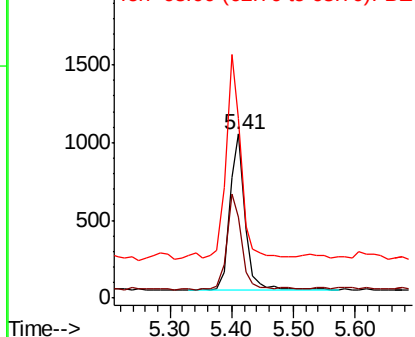
#4

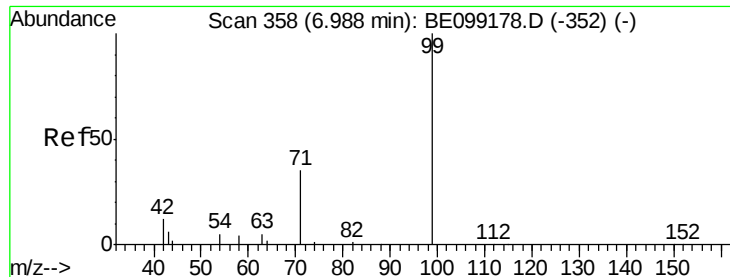
2-Fluorophenol
Concen: 0.176 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099195.D
Acq: 26 Mar 2019 00:37

Tgt Ion:112 Resp: 1754
Ion Ratio Lower Upper
112 100
64 57.5 46.2 69.2
63 121.7 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.101 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

P001-TW001-03

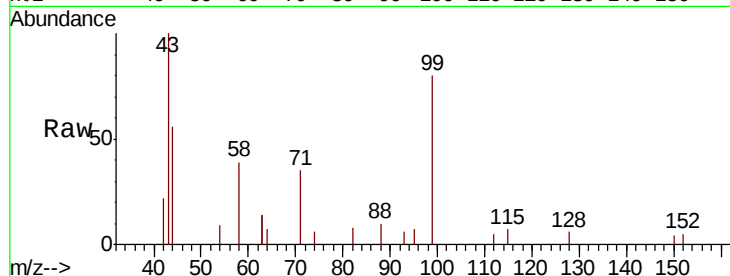
Tot Ion: 99 Resp: 1542

Ion Ratio Lower Upper

99 100

42 15.0 12.4 18.6

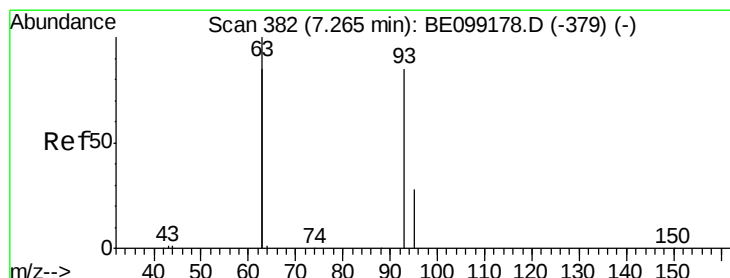
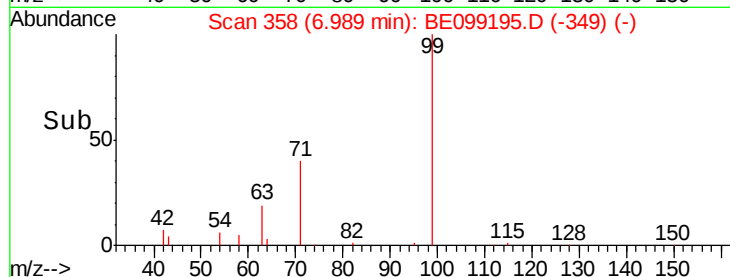
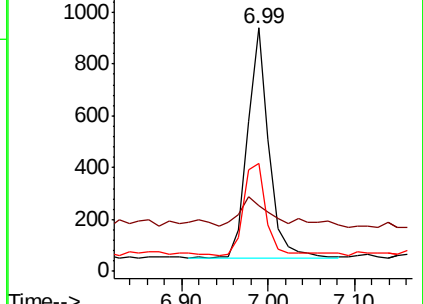
71 41.2 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.027 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

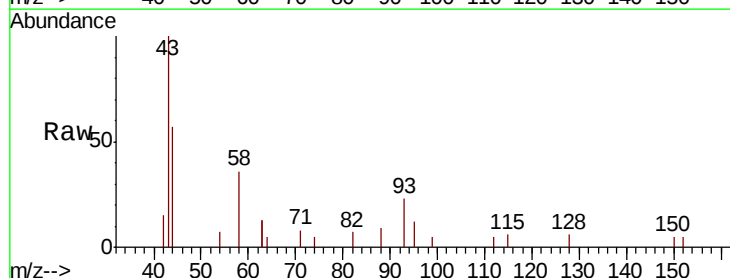
Tgt Ion: 93 Resp: 321

Ion Ratio Lower Upper

93 100

63 65.7 221.4 332.0#

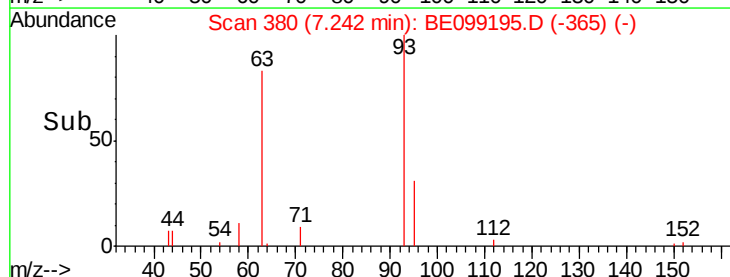
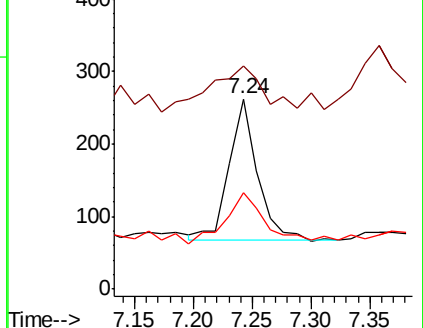
95 53.6 25.8 38.8#

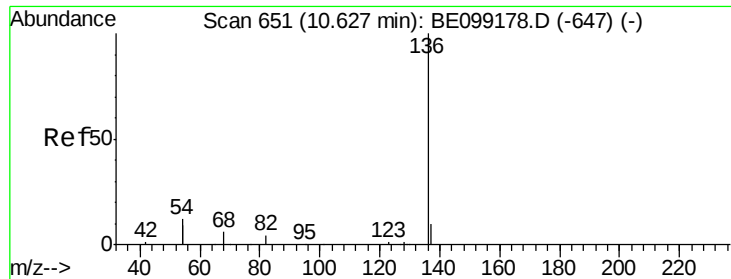


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

P001-TW001-03

Tot Ion:136 Resp: 14752

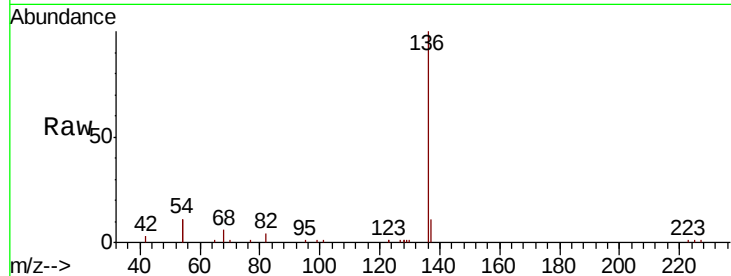
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 22.0 18.7 28.1

68 6.2 5.2 7.8

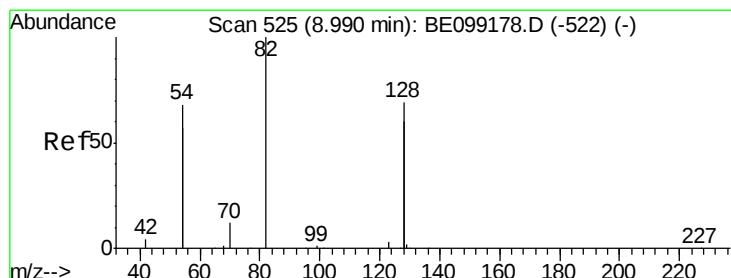
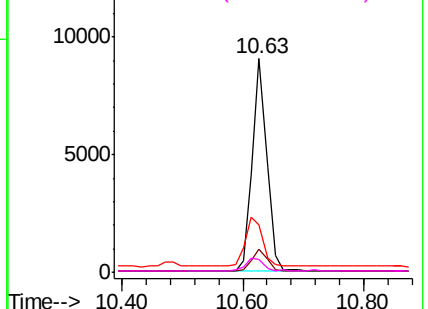
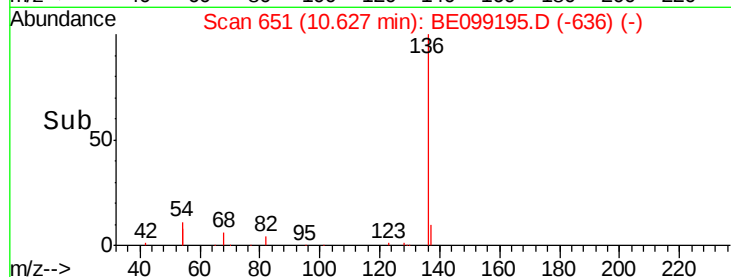


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

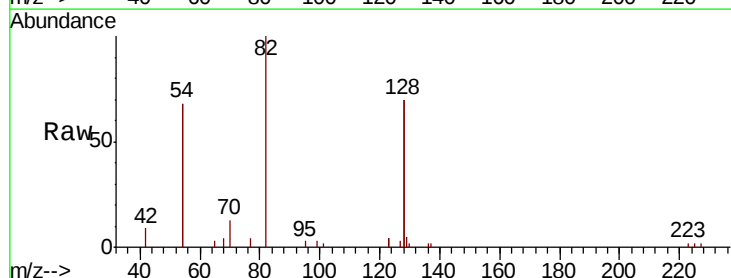
Tgt Ion: 82 Resp: 4143

Ion Ratio Lower Upper

82 100

128 140.9 107.5 161.3

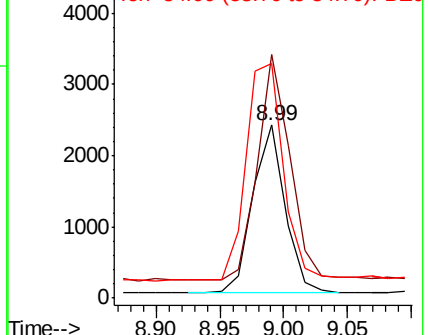
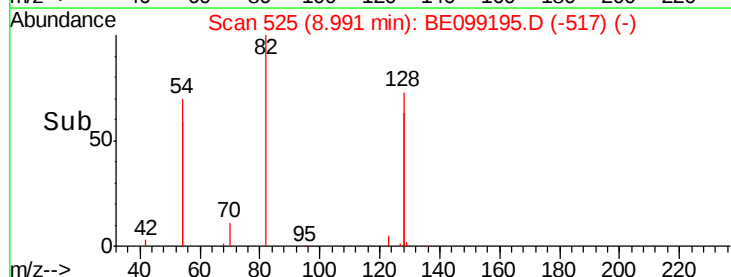
54 136.1 106.3 159.5

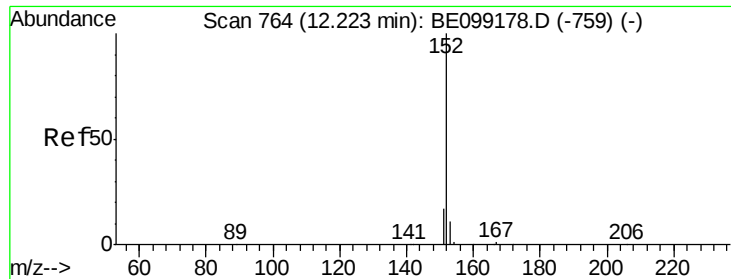


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

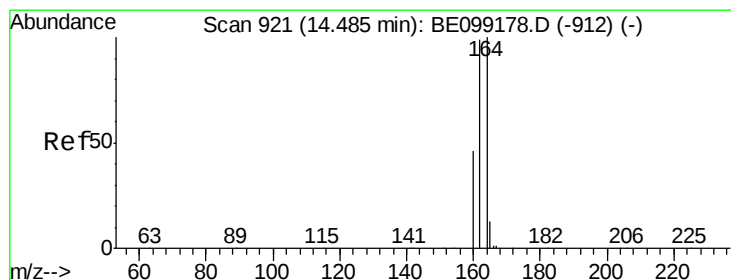
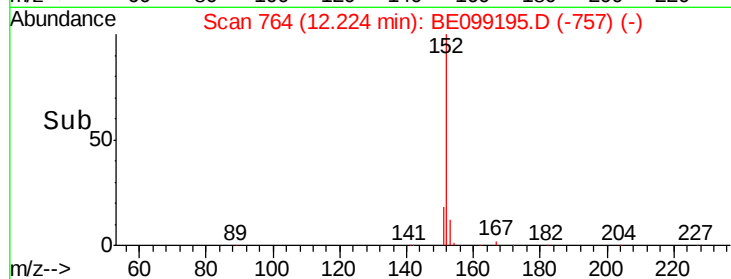
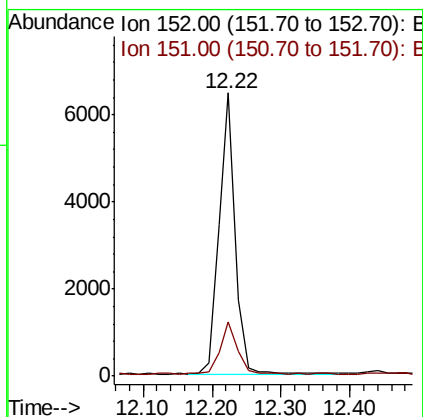
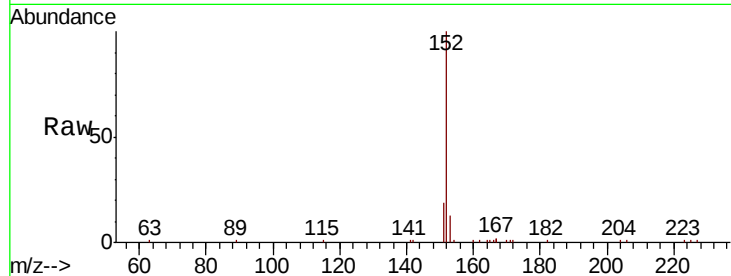




#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099195.D
 Acq: 26 Mar 2019 00:37

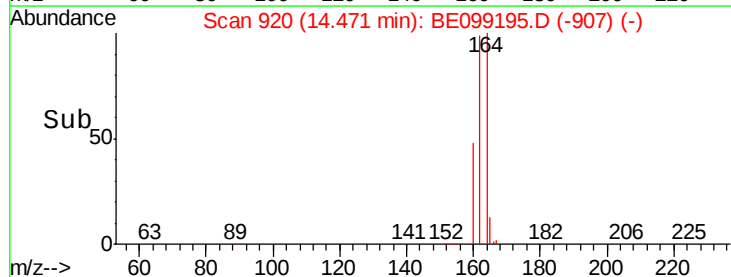
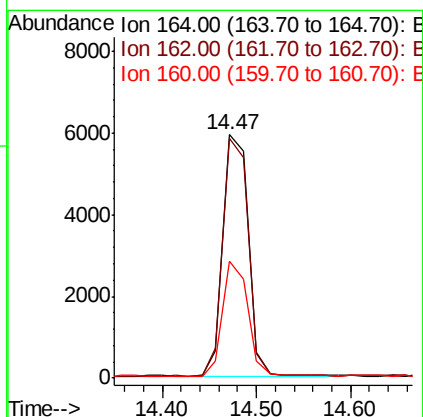
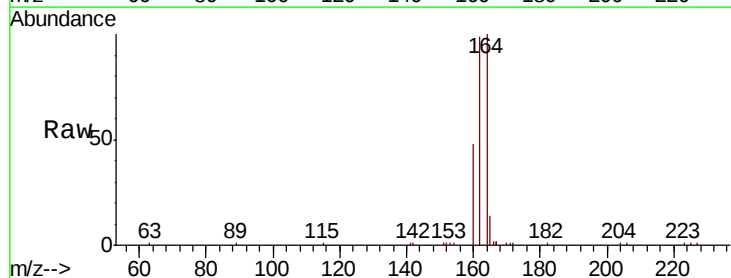
Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-03

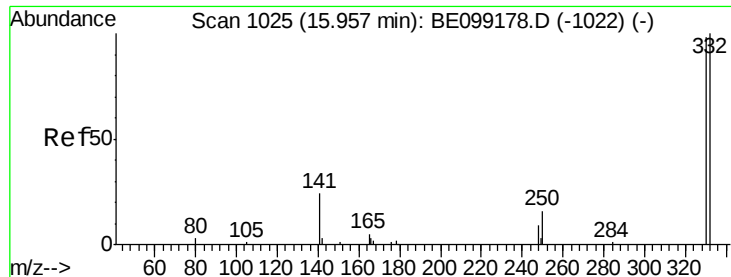
Tot Ion:152 Resp: 10506
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099195.D
 Acq: 26 Mar 2019 00:37

Tgt Ion:164 Resp: 10953
 Ion Ratio Lower Upper
 164 100
 162 98.7 79.2 118.8
 160 48.1 36.7 55.1

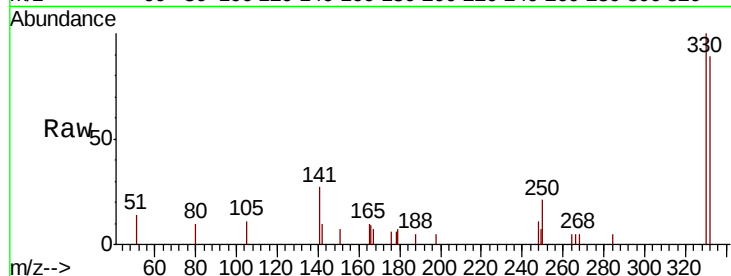




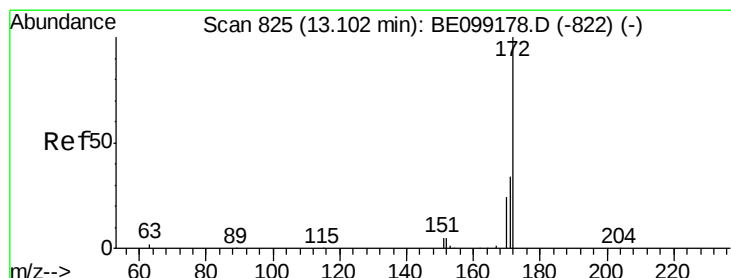
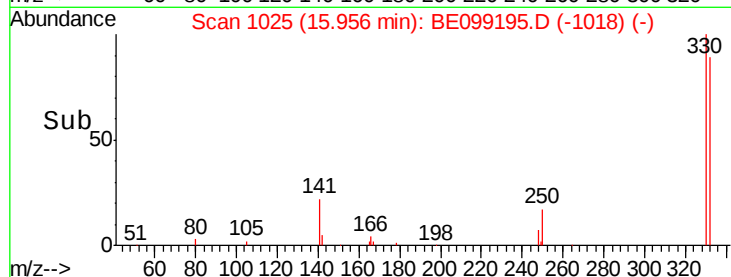
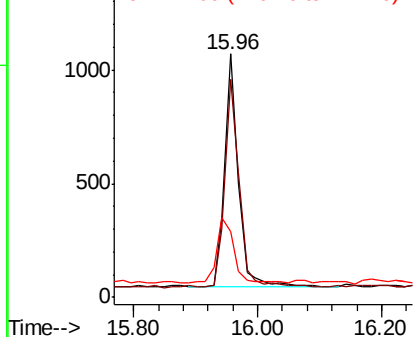
#14
 2,4,6-Tribromophenol
 Concen: 0.485 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099195.D
 Acq: 26 Mar 2019 00:37

Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-03

Tot Ion:330 Resp: 1596
 Ion Ratio Lower Upper
 330 100
 332 93.9 71.3 106.9
 141 34.5 21.7 32.5#

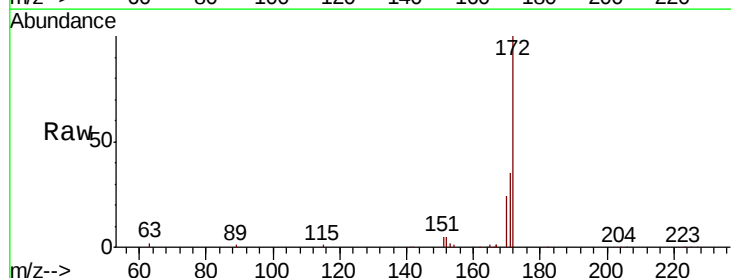


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

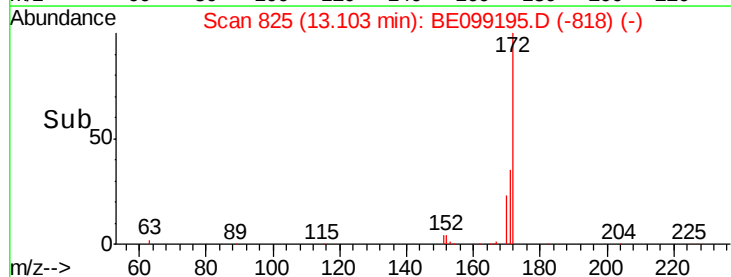
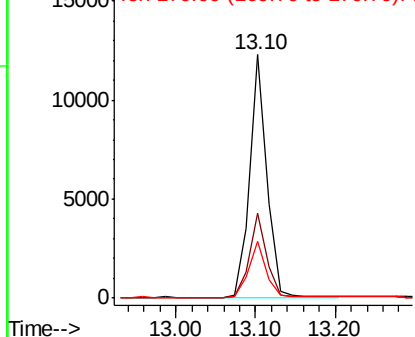


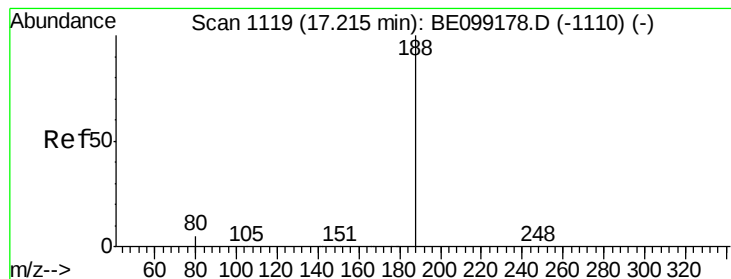
#15
 2-Fluorobiphenyl
 Concen: 0.407 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099195.D
 Acq: 26 Mar 2019 00:37

Tgt Ion:172 Resp: 18153
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.4 41.0
 170 23.5 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

P001-TW001-03

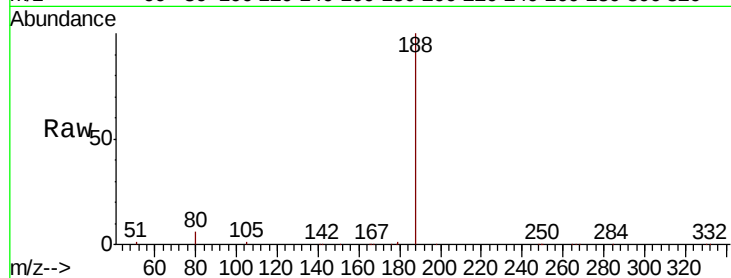
Tot Ion:188 Resp: 32272

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

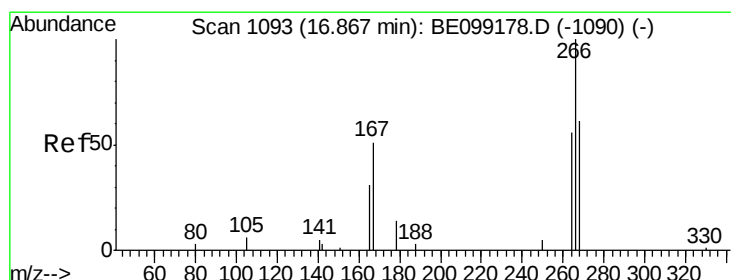
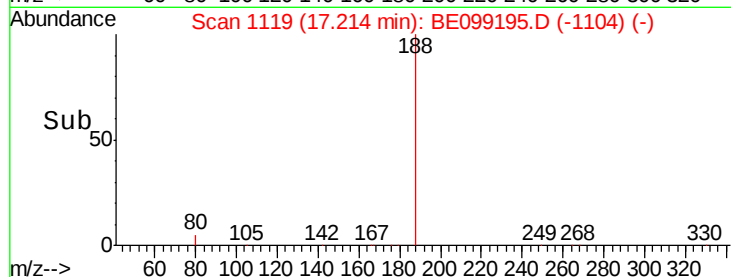
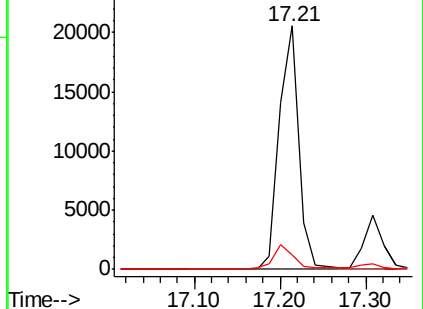
80 5.7 4.5 6.7



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: 0.293 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

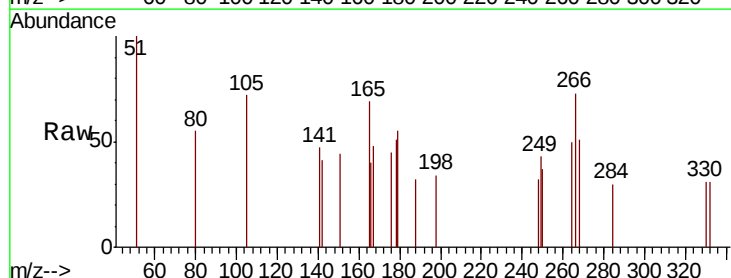
Tgt Ion:266 Resp: 156

Ion Ratio Lower Upper

266 100

264 68.8 54.4 81.6

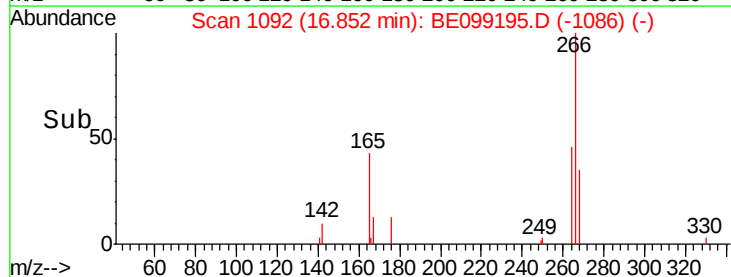
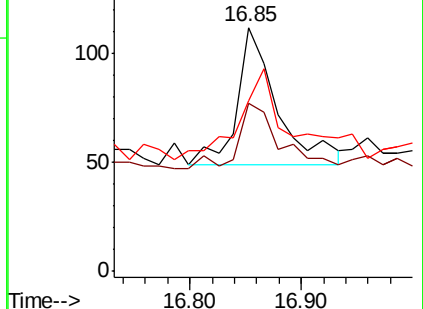
268 69.6 61.3 91.9

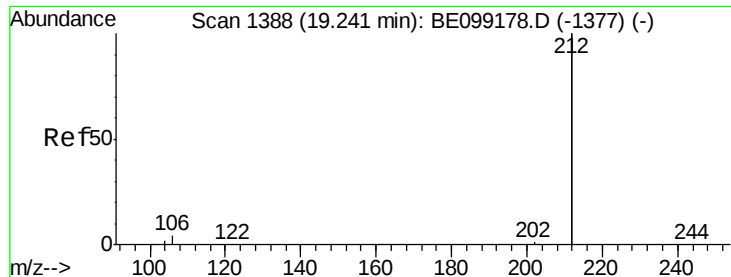


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

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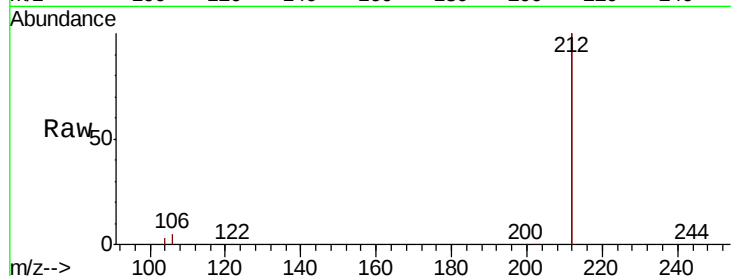
Tot Ion:212 Resp: 156428

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

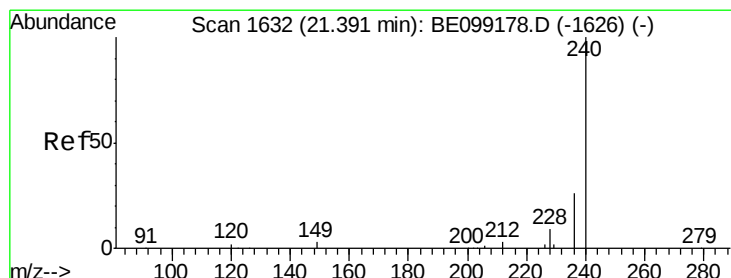
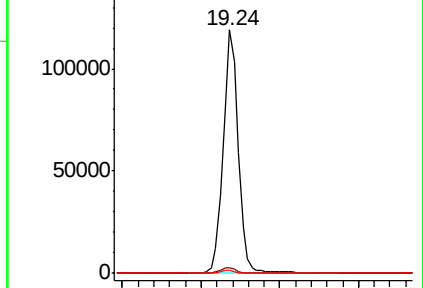
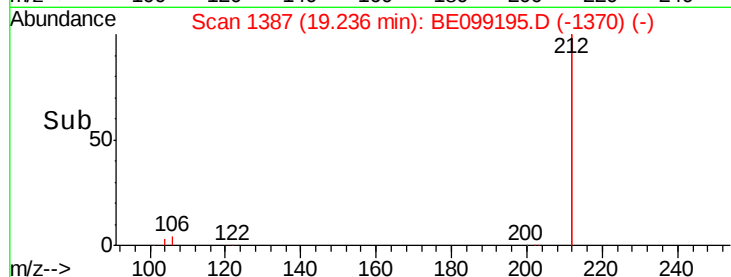
104 1.3 1.1 1.7



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

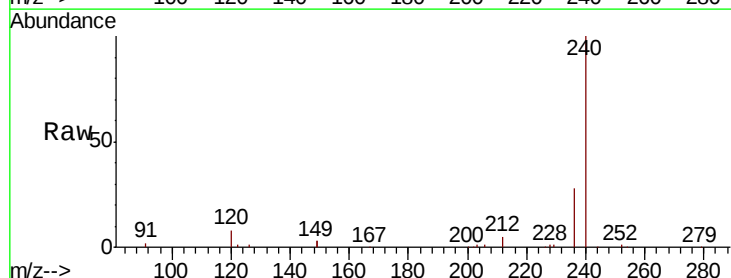
Tgt Ion:240 Resp: 35980

Ion Ratio Lower Upper

240 100

120 8.5 2.6 3.8#

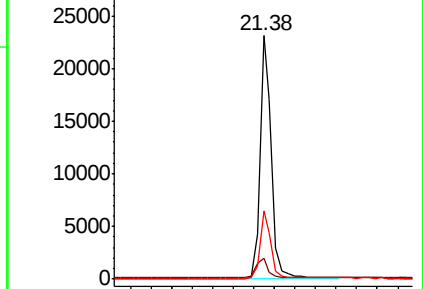
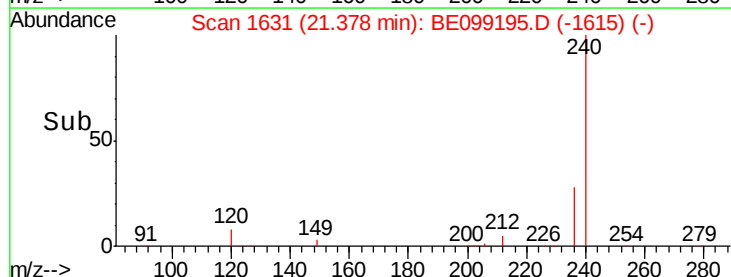
236 28.1 20.9 31.3

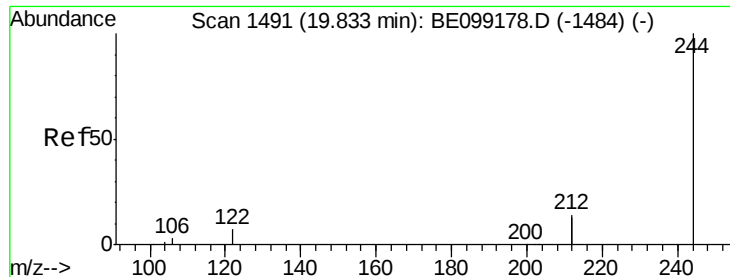


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

Instrument :

BNA_E

ClientSampleId :

P001-TW001-03

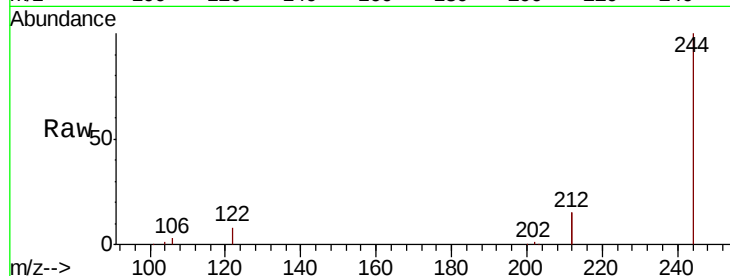
Tot Ion:244 Resp: 31813

Ion Ratio Lower Upper

244 100

212 29.3 22.7 34.1

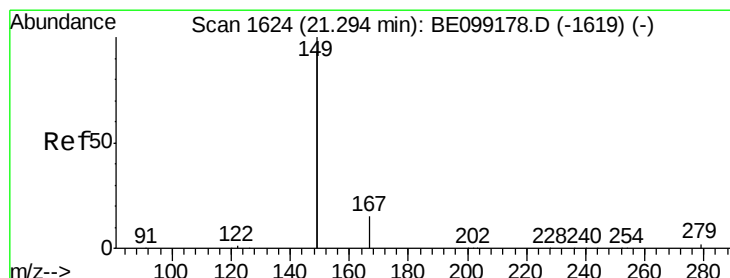
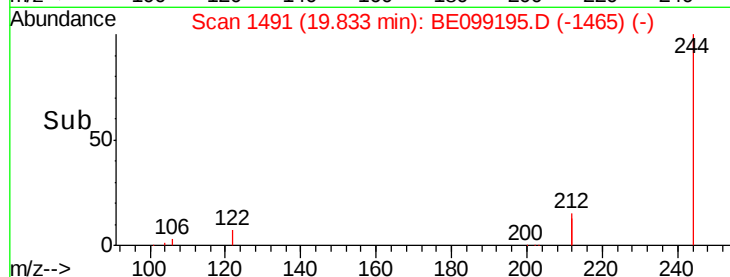
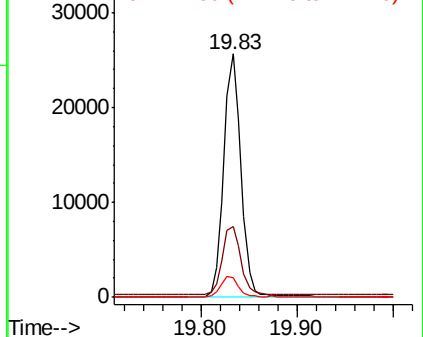
122 7.8 5.8 8.6



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: 0.054 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099195.D

Acq: 26 Mar 2019 00:37

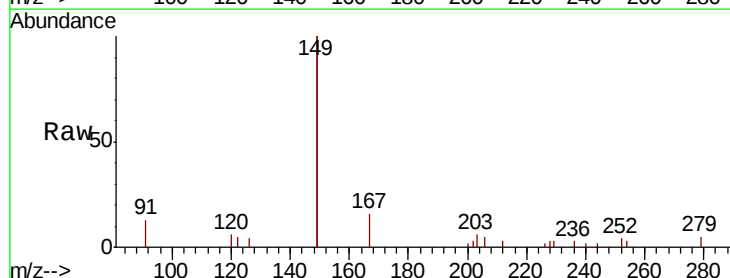
Tgt Ion:149 Resp: 7679

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

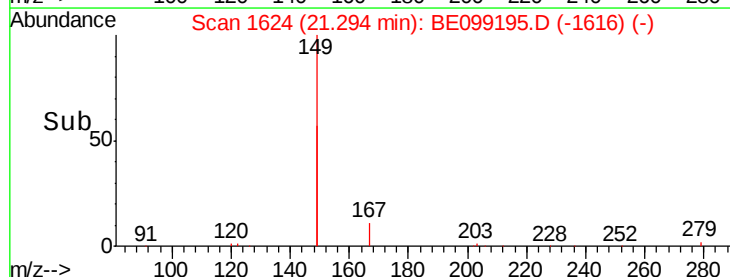
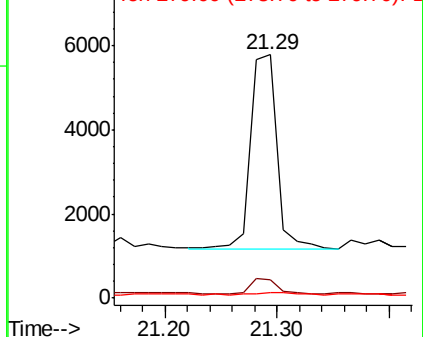
279 1.2 1.0 1.6

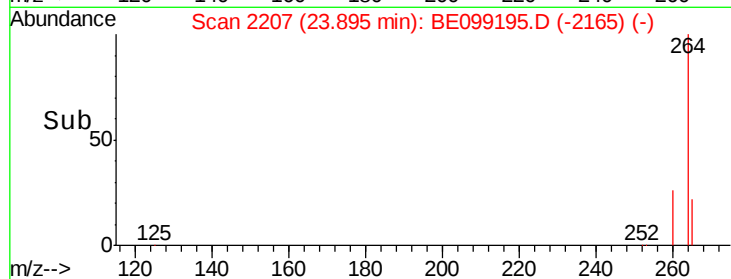
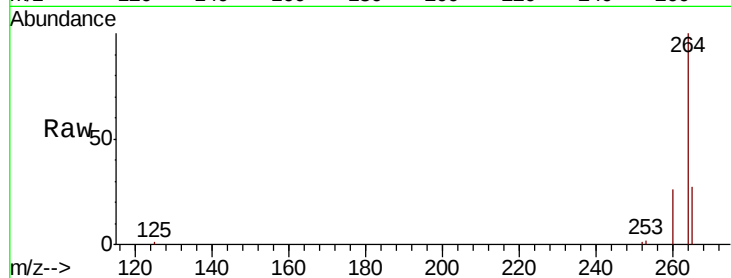
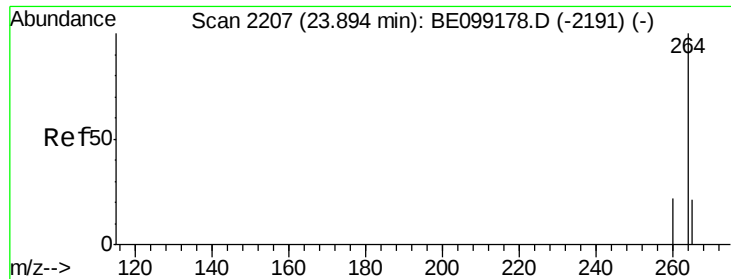


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE099195.D
 Acq: 26 Mar 2019 00:37

Instrument :
 BNA_E
 ClientSampleId :
 P001-TW001-03

Tot Ion:264 Resp: 34691
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.2 27.2
 265 27.0 21.8 32.8

