

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099909.D
 Acq On : 11 Jun 2019 2:33
 Operator : JU/SJ
 Sample : K3257-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190606

Quant Time: Jun 11 07:44:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

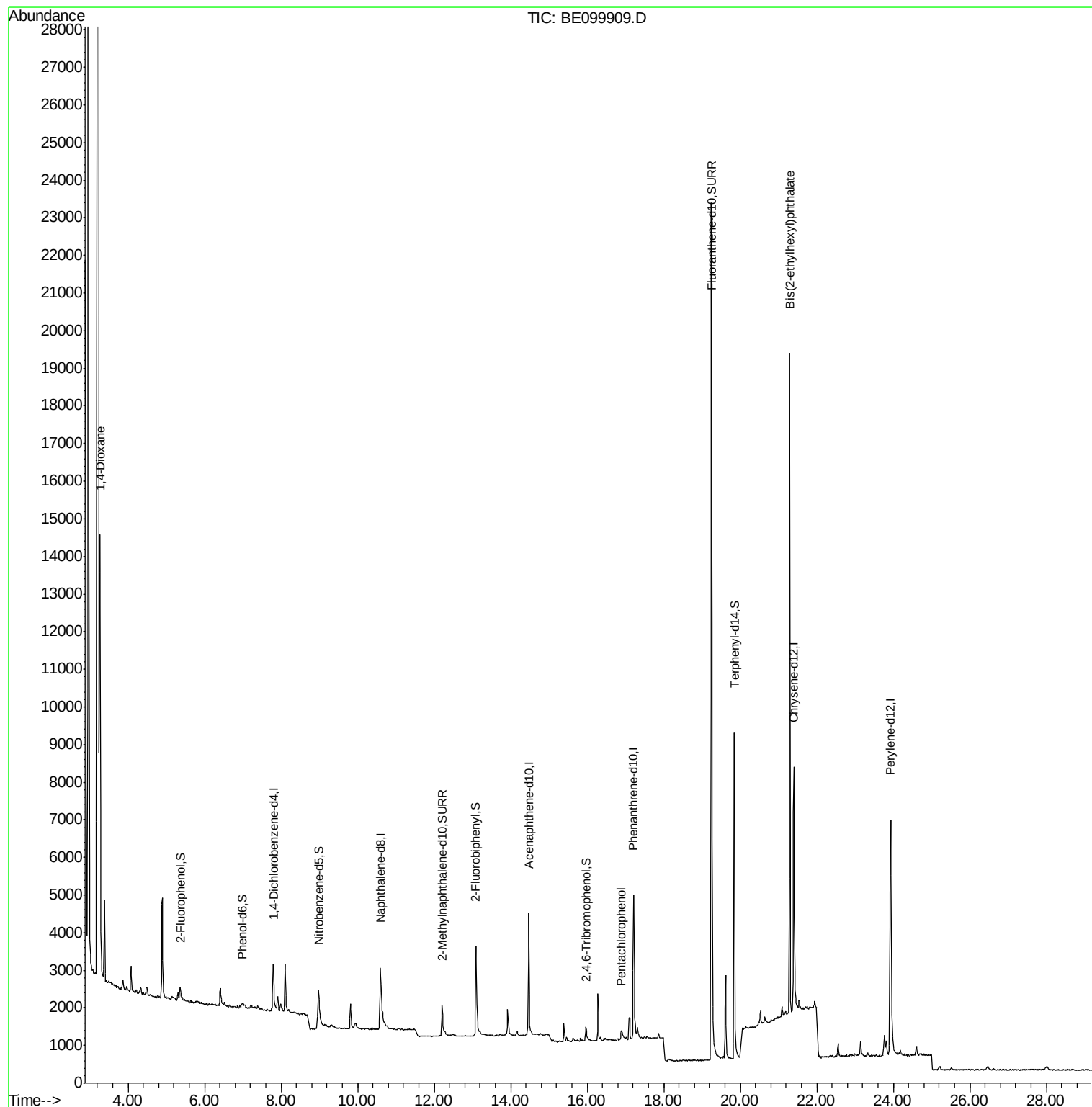
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	889	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3039	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2276	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6426	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9574	0.40	ng	0.00
34) Perylene-d12	23.93	264	11260	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	338	0.14	ng	0.01
5) Phenol-d6	6.98	99	240	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	1011	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1801	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	386	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3614	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	35863	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	9539	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	9845	7.482	ng	95
22) Pentachlorophenol	16.89	266	369	0.506	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	17700	0.431	ng	100

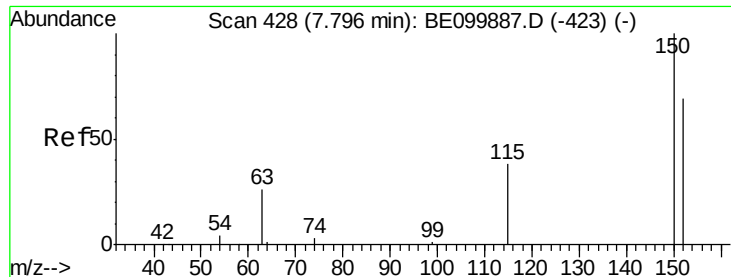
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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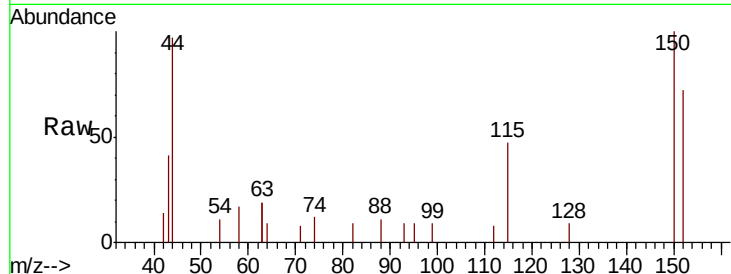


#1

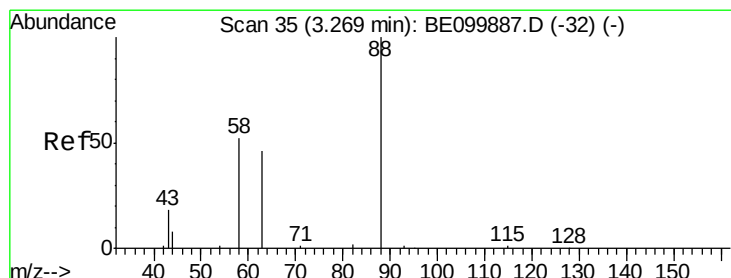
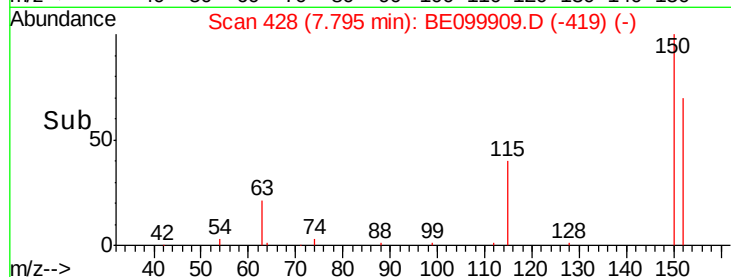
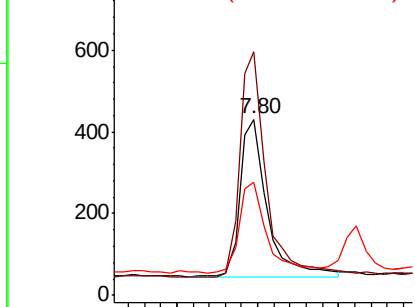
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tot Ion:152 Resp: 889
Ion Ratio Lower Upper
152 100
150 138.3 111.0 166.6
115 64.5 50.7 76.1



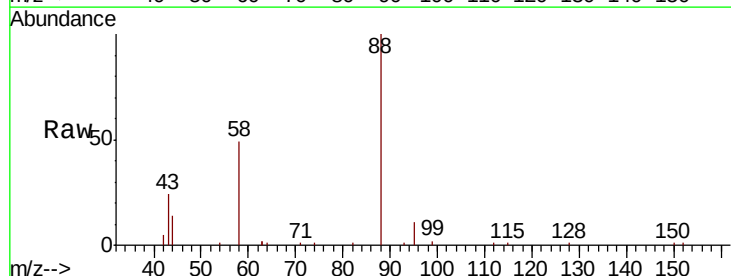
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



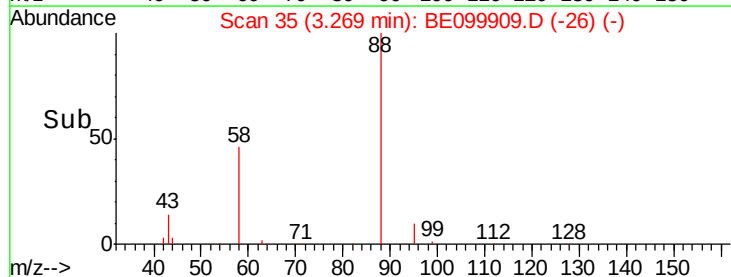
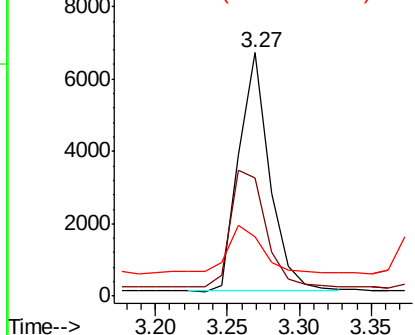
#2

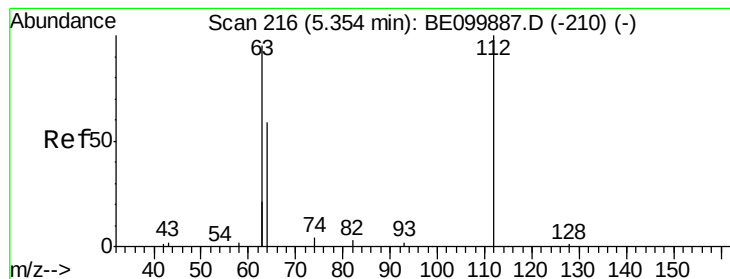
1,4-Dioxane
Concen: 7.482 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion: 88 Resp: 9845
Ion Ratio Lower Upper
88 100
58 55.9 48.8 73.2
43 23.7 19.0 28.6



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: 0.141 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

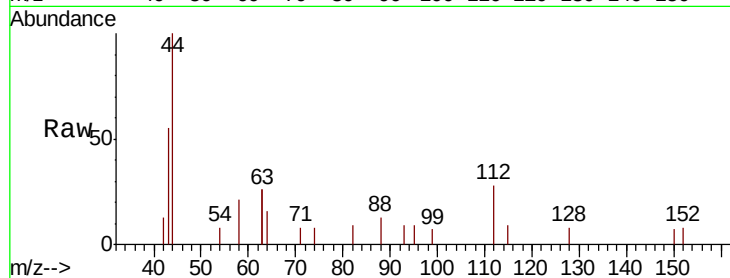
Tot Ion:112 Resp: 338

Ion Ratio Lower Upper

112 100

64 53.0 44.1 66.1

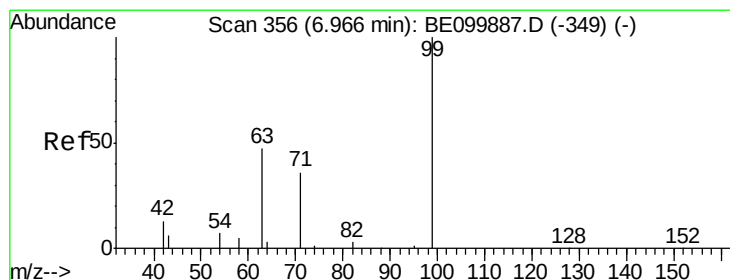
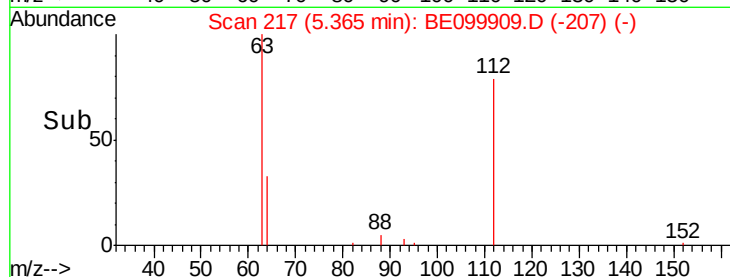
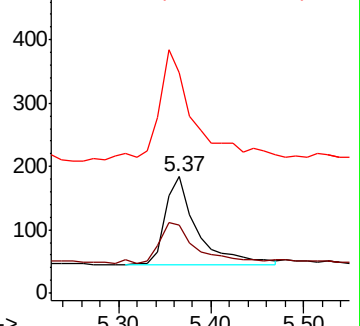
63 136.1 87.8 131.6#



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: 0.078 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

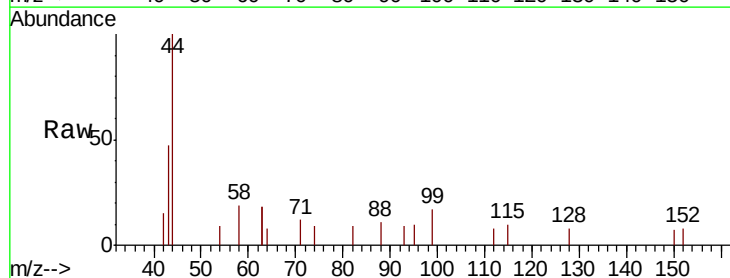
Tgt Ion: 99 Resp: 240

Ion Ratio Lower Upper

99 100

42 14.6 15.9 23.9#

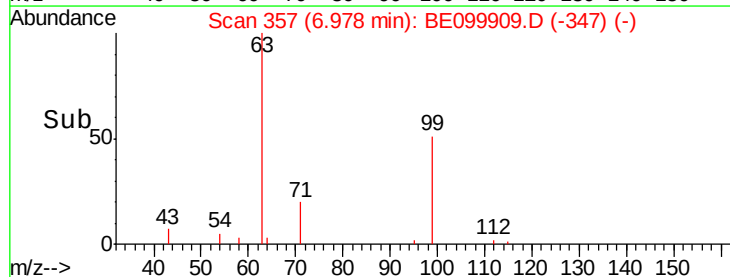
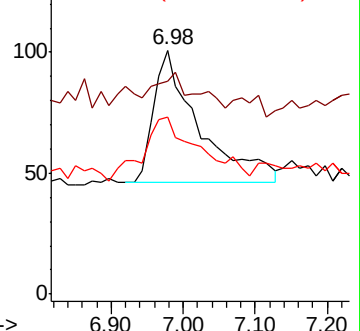
71 58.8 34.6 52.0#

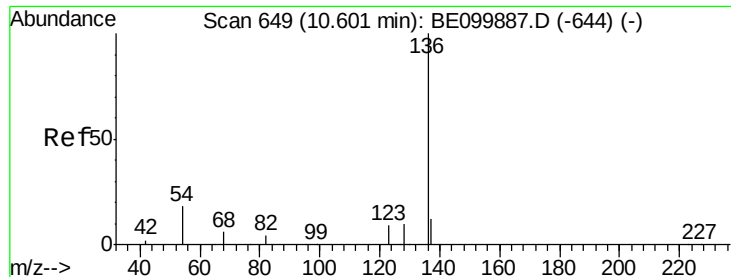


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

Tot Ion:136 Resp: 3039

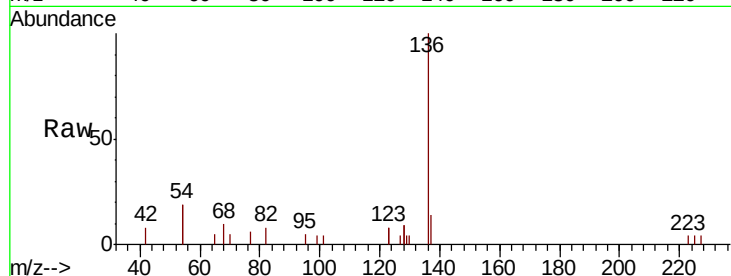
Ion Ratio Lower Upper

136 100

137 14.2 12.3 18.5

54 37.3 28.2 42.4

68 9.9 7.8 11.8

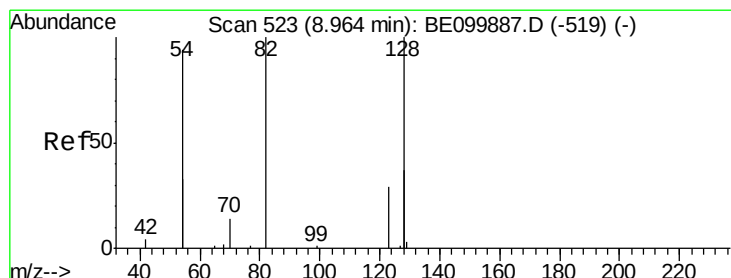
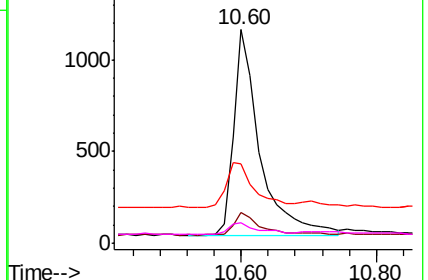
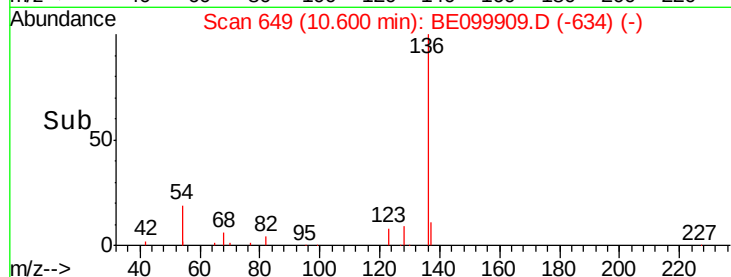


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.351 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

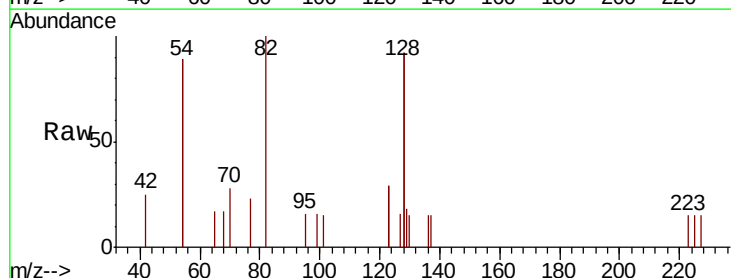
Tgt Ion: 82 Resp: 1011

Ion Ratio Lower Upper

82 100

128 183.9 137.3 205.9

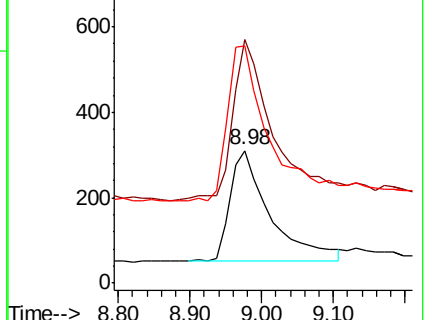
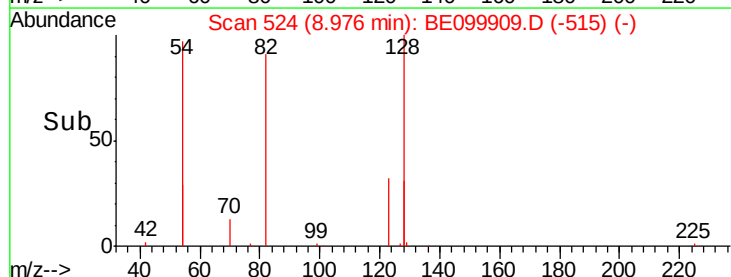
54 178.7 129.7 194.5

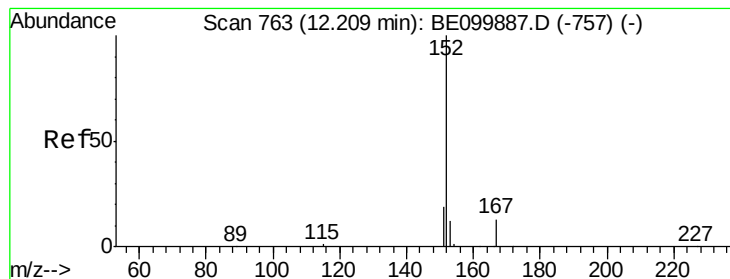


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.340 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

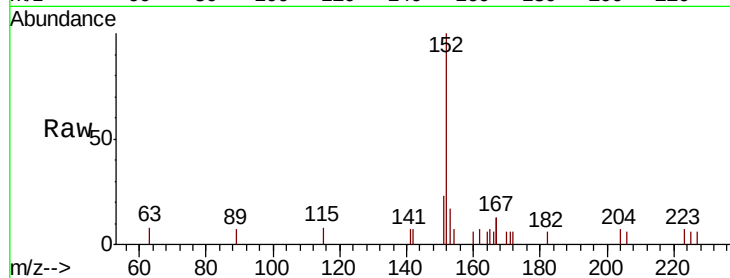
RE120D1-20190606

Tot Ion:152 Resp: 1801

Ion Ratio Lower Upper

152 100

151 19.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

400

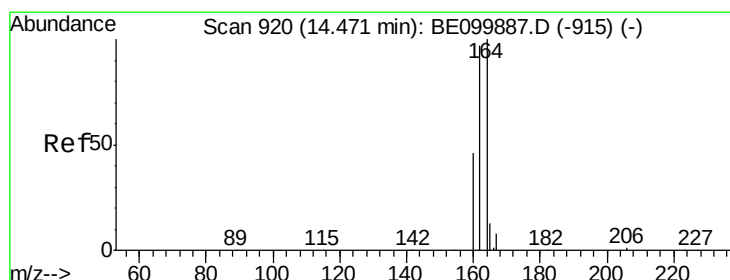
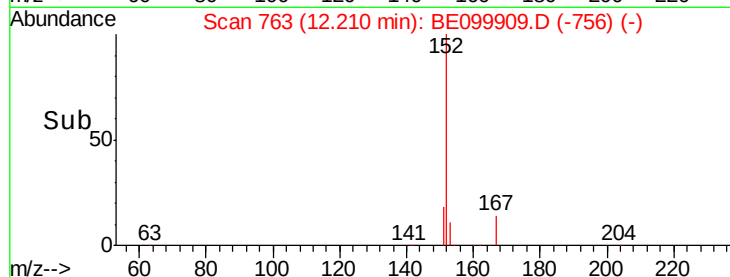
200

0

12.20

12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

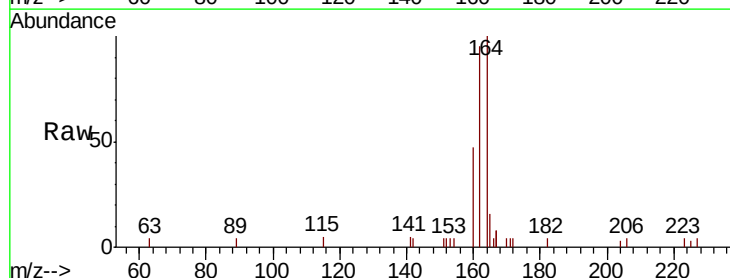
Tgt Ion:164 Resp: 2276

Ion Ratio Lower Upper

164 100

162 95.1 77.8 116.8

160 47.3 38.2 57.4



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

1500

1000

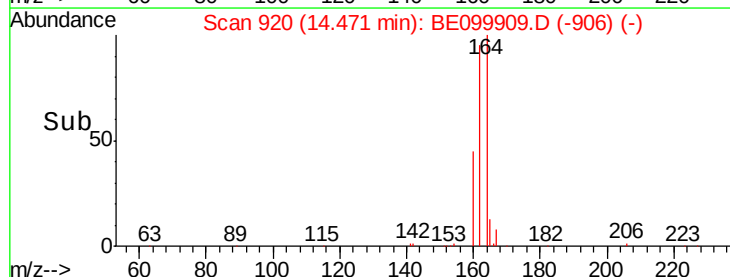
500

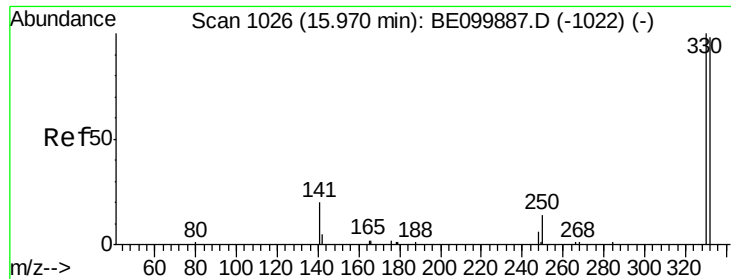
0

14.47

14.60

Time-->

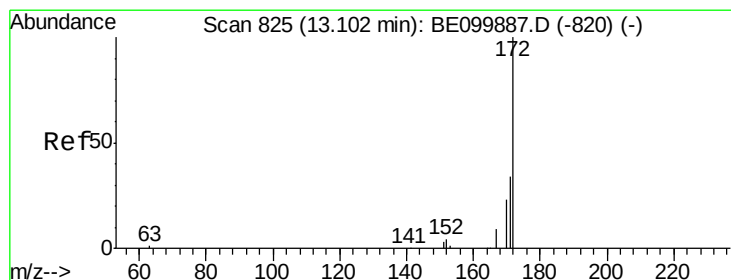
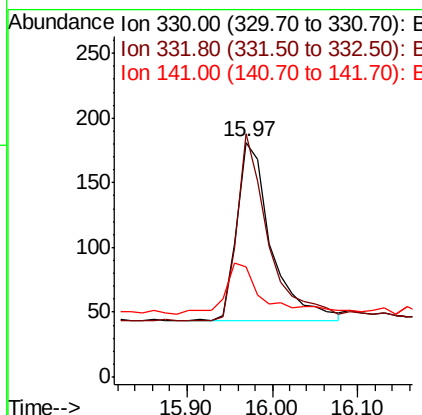
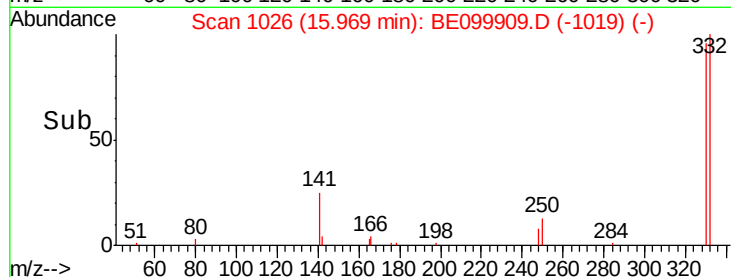
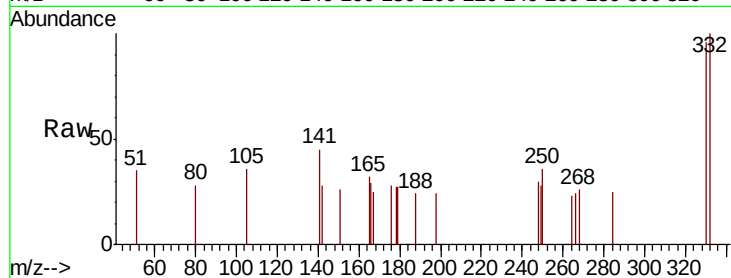




#14
 2,4,6-Tribromophenol
 Concen: 0.229 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099909.D
 Acq: 11 Jun 2019 2:33

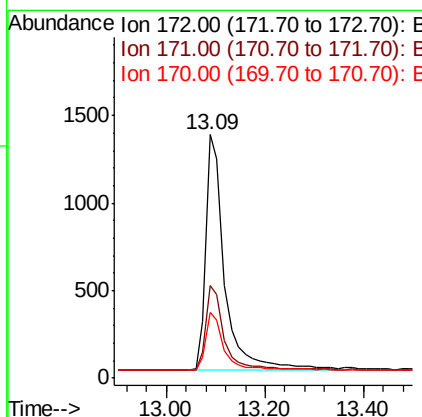
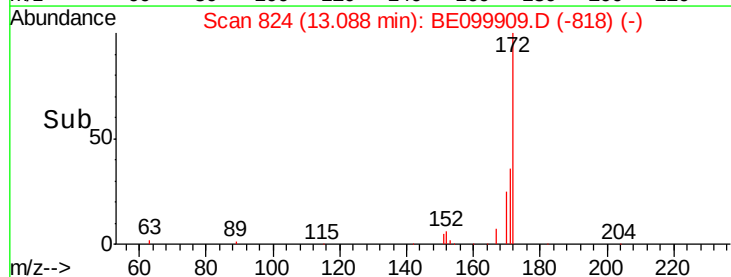
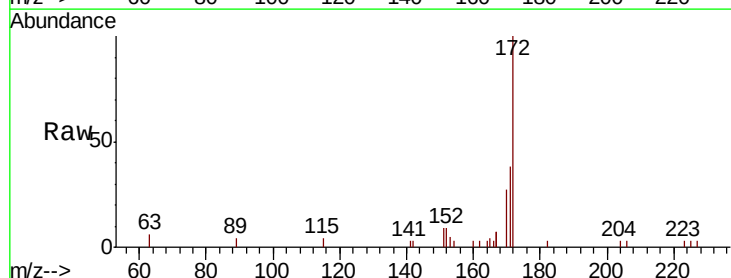
Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190606

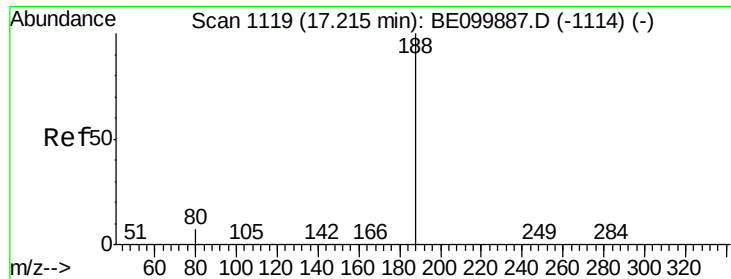
Tot Ion:330 Resp: 386
 Ion Ratio Lower Upper
 330 100
 332 105.2 76.7 115.1
 141 25.9 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.419 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099909.D
 Acq: 11 Jun 2019 2:33

Tgt Ion:172 Resp: 3614
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.2 43.8
 170 27.1 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

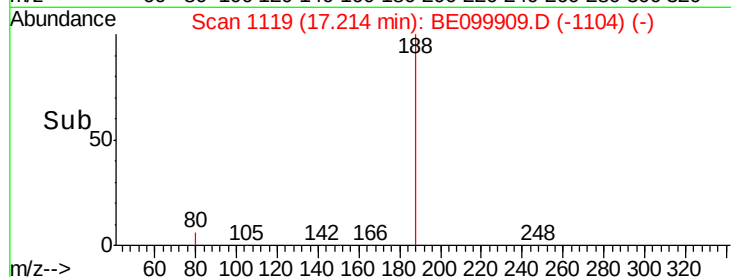
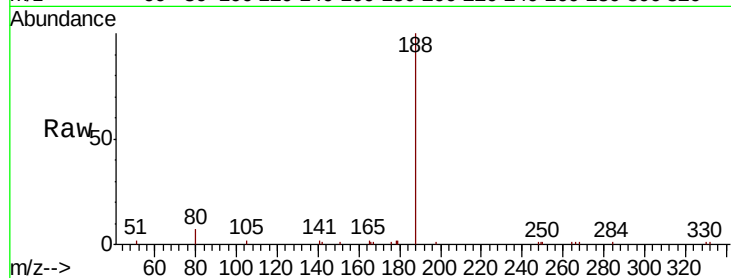
Tot Ion:188 Resp: 6426

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

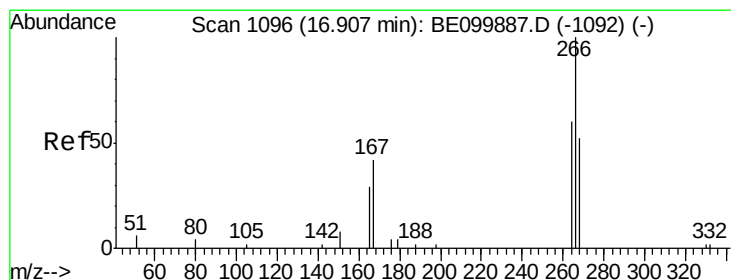
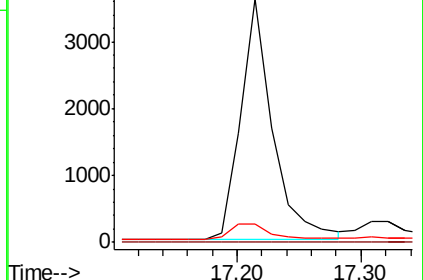
80 7.5 6.4 9.6



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: 0.506 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

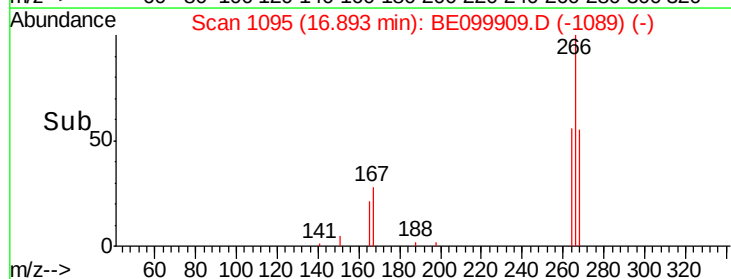
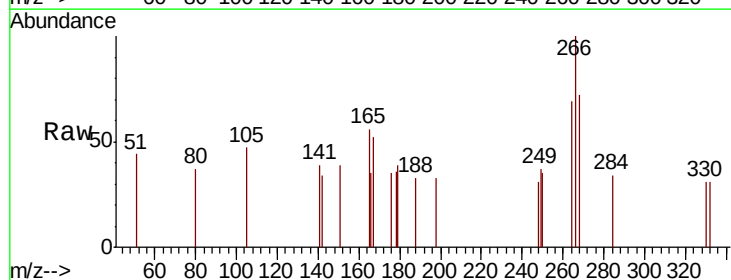
Tgt Ion:266 Resp: 369

Ion Ratio Lower Upper

266 100

264 69.3 62.2 93.2

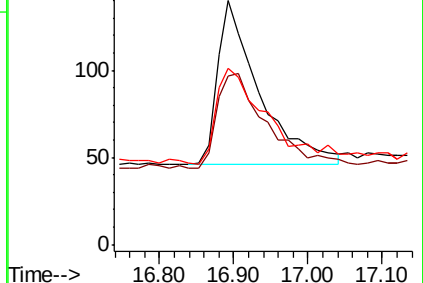
268 72.1 65.5 98.3

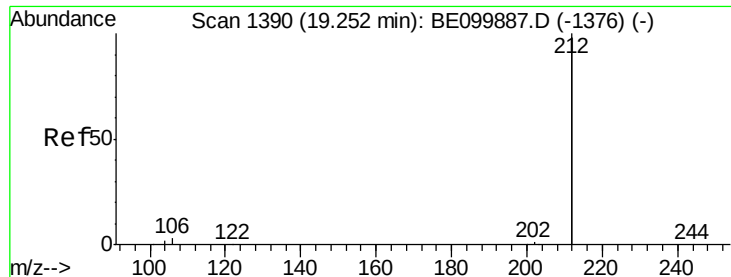


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

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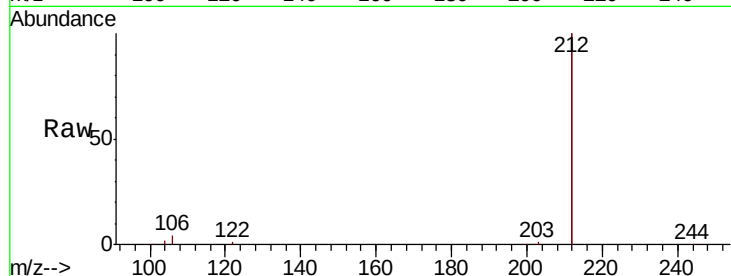
Tot Ion:212 Resp: 35863

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

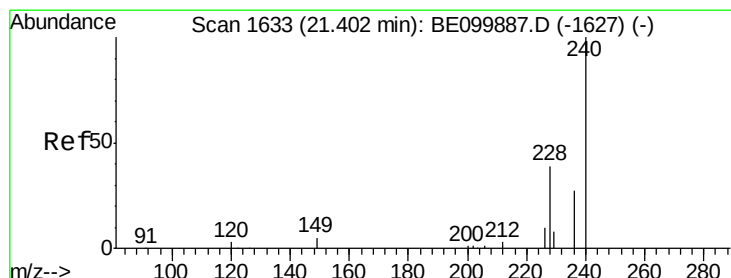
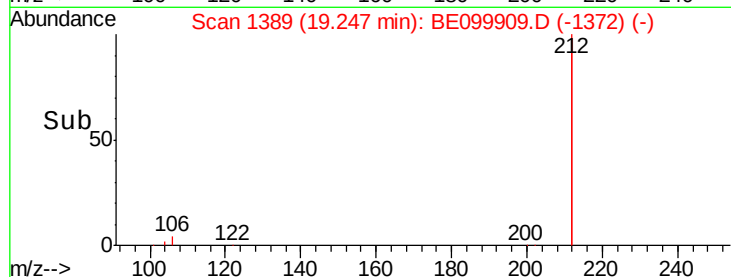
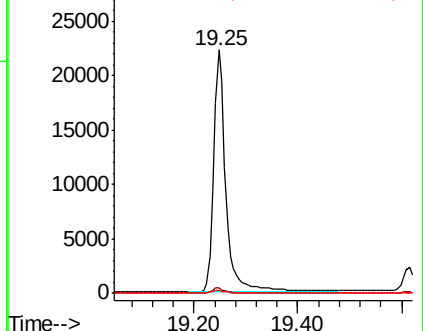
104 1.0 0.9 1.3



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

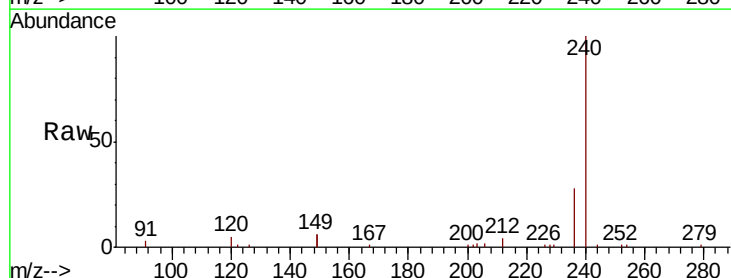
Tgt Ion:240 Resp: 9574

Ion Ratio Lower Upper

240 100

120 5.1 3.8 5.6

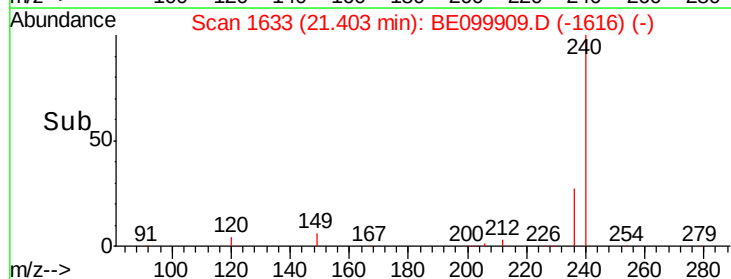
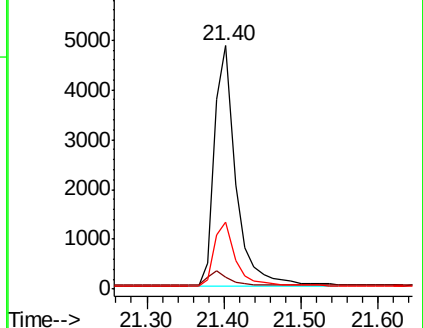
236 27.8 22.0 33.0

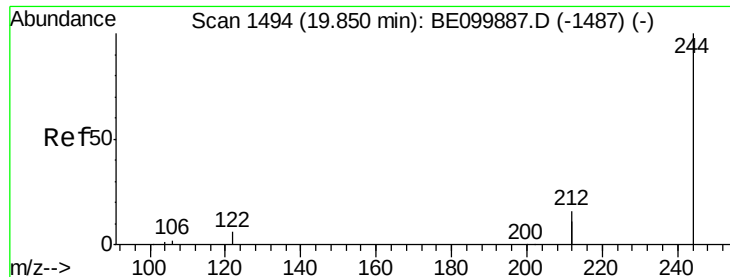


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.553 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

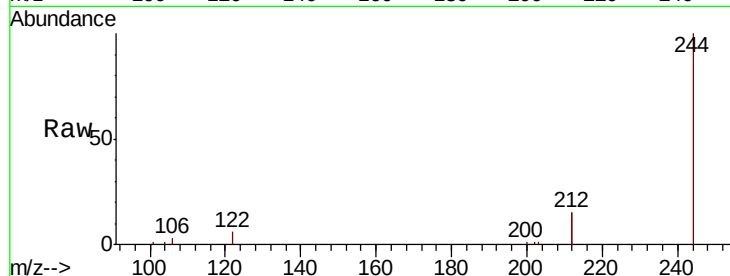
Tot Ion:244 Resp: 9539

Ion Ratio Lower Upper

244 100

212 30.7 25.7 38.5

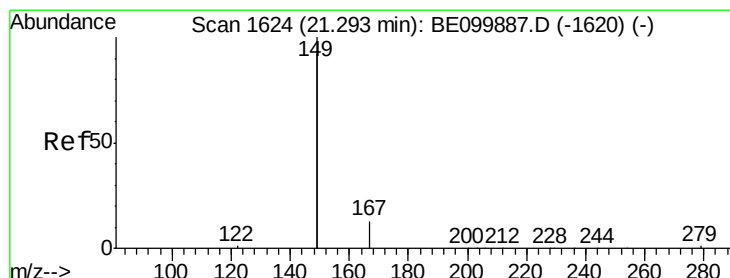
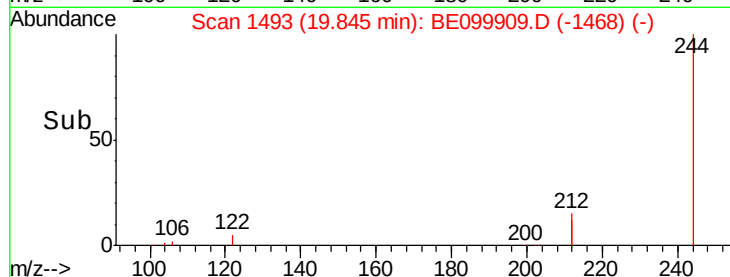
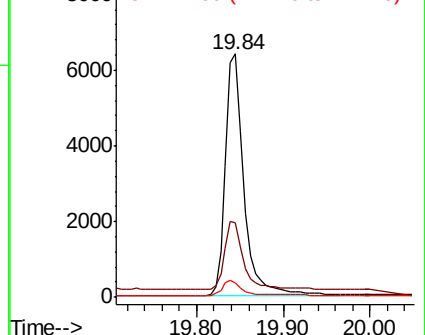
122 6.0 5.5 8.3



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: 0.431 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

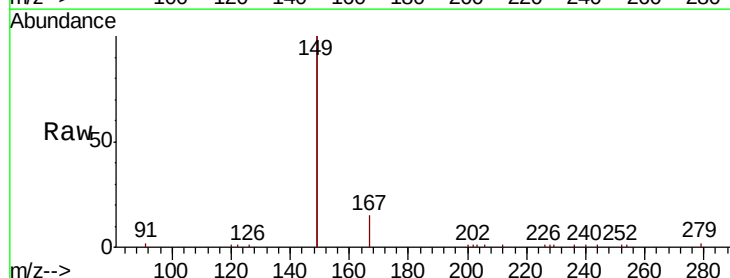
Tgt Ion:149 Resp: 17700

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

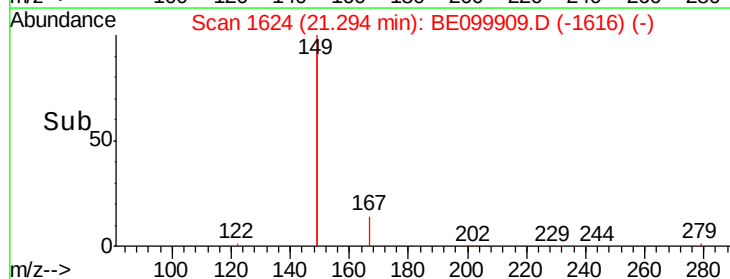
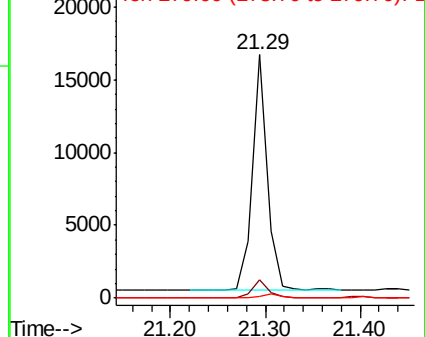
279 1.5 1.2 1.8

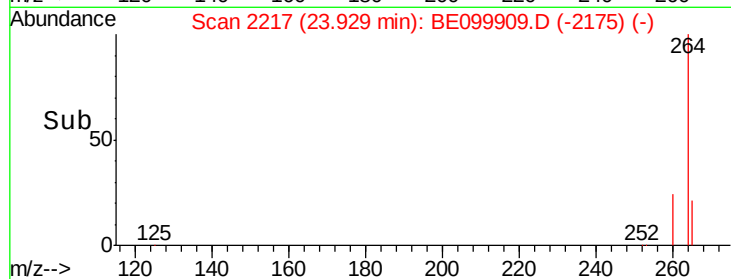
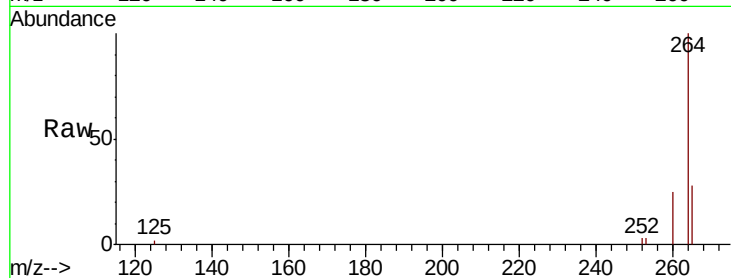
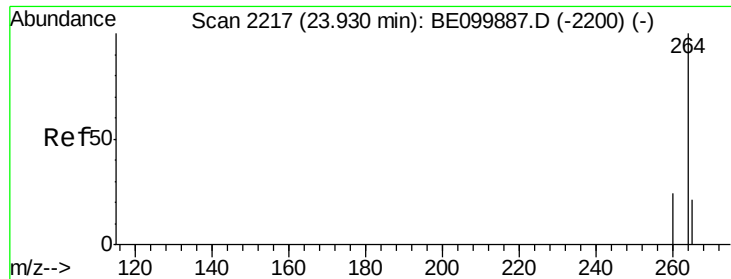


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE099909.D

Acq: 11 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190606

Tot Ion:264 Resp: 11260

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 28.1 22.0 33.0

