

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099915.D
 Acq On : 11 Jun 2019 9:42
 Operator : JU/SJ
 Sample : PB120391BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120391BSD

Quant Time: Jun 12 03:41:25 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	7.79	152	881	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3012	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2038	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6892	0.40	ng	0.00
27) Chrysene-d12	21.40	240	11427	0.40	ng	0.00
34) Perylene-d12	23.93	264	12946	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	757	0.32	ng	0.00
5) Phenol-d6	6.96	99	954	0.31	ng	0.00
8) Nitrobenzene-d5	8.96	82	934	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2476	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	345	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2664	0.34	ng	-0.01
25) Fluoranthene-d10	19.25	212	35227	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	7640	0.37	ng	0.00

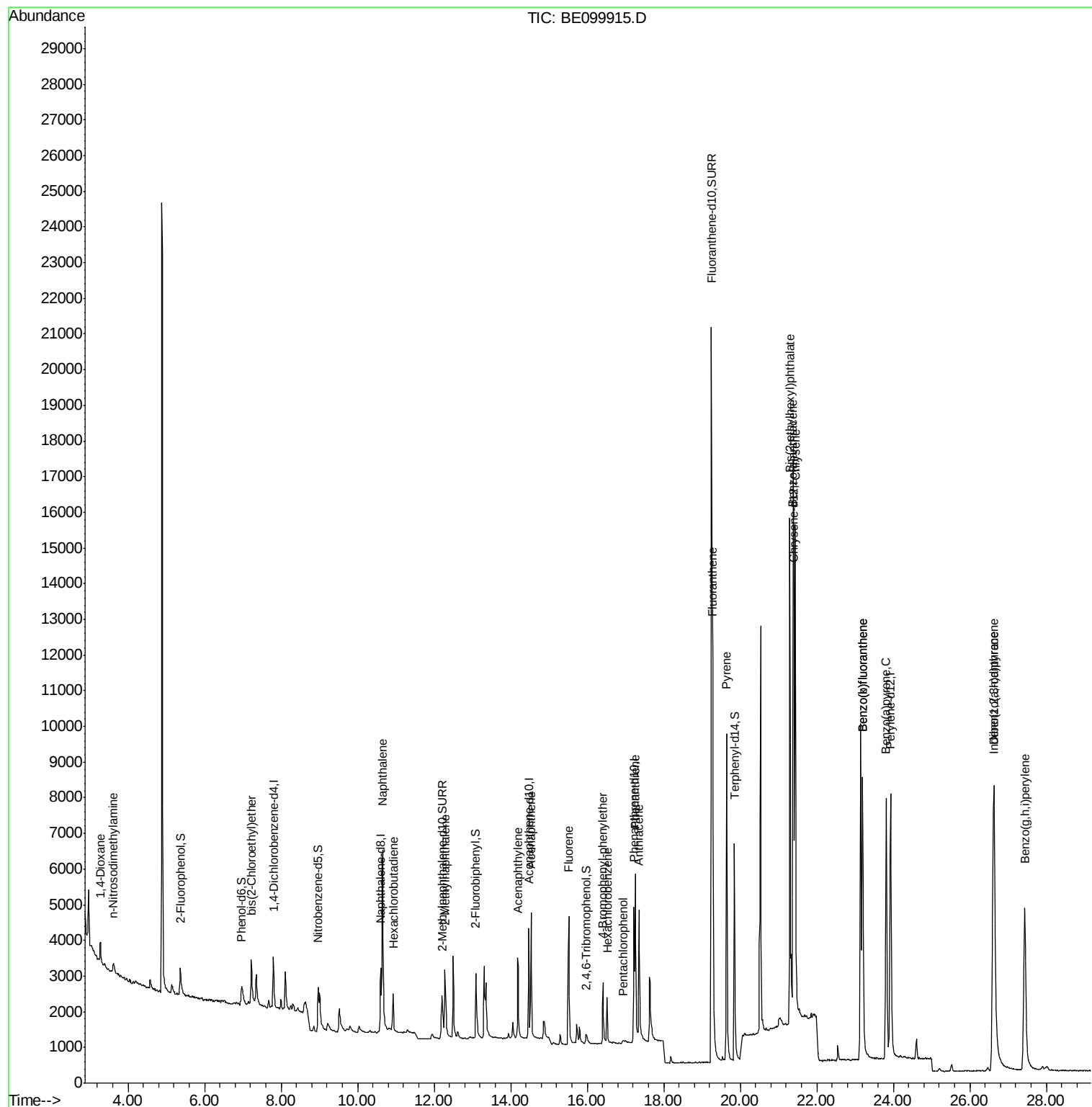
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	452	0.347	ng	# 59
3) n-Nitrosodimethylamine	3.61	42	234	0.311	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	766	0.306	ng	95
9) Naphthalene	10.65	128	11679	0.359	ng	100
10) Hexachlorobutadiene	10.93	225	898	0.362	ng	98
12) 2-Methylnaphthalene	12.28	142	1839	0.348	ng	98
16) Acenaphthylene	14.18	152	3448	0.340	ng	98
17) Acenaphthene	14.53	154	1904	0.345	ng	100
18) Fluorene	15.51	166	2786	0.336	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1333	0.341	ng	97
21) Hexachlorobenzene	16.52	284	1356	0.340	ng	99
22) Pentachlorophenol	16.95	266	125	0.365	ng	97
23) Phenanthrene	17.26	178	5753	0.344	ng	98
24) Anthracene	17.35	178	4870	0.318	ng	98
26) Fluoranthene	19.28	202	10353	0.364	ng	99
28) Pyrene	19.64	202	11017	0.367	ng	99
30) Benzo(a)anthracene	21.38	228	13618	0.399	ng	100
31) Chrysene	21.44	228	13748	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16842	0.344	ng	99
33) Indeno(1,2,3-cd)pyrene	26.61	276	16435	0.392	ng	99
35) Benzo(b)fluoranthene	23.20	252	14422	0.398	ng	100
36) Benzo(k)fluoranthene	23.20	252	14681	0.387	ng	100
37) Benzo(a)pyrene	23.81	252	13812	0.386	ng	# 94
38) Dibenzo(a,h)anthracene	26.64	278	13191	0.366	ng	99
39) Benzo(g,h,i)perylene	27.43	276	14154	0.381	ng	99

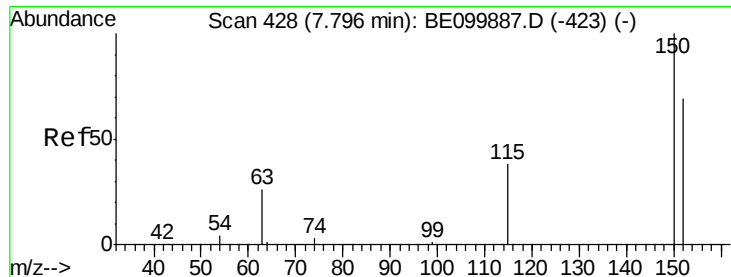
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 03:41:25 2019
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QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

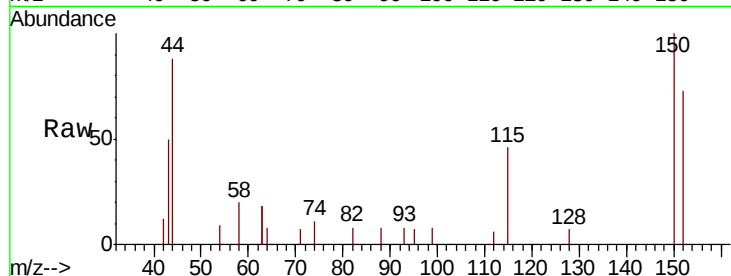
Tgt Ion: 152 Resp: 881

Ion Ratio Lower Upper

152 100

150 137.5 111.0 166.6

115 63.5 50.7 76.1

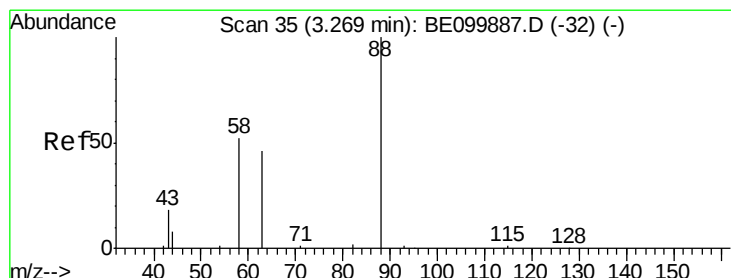
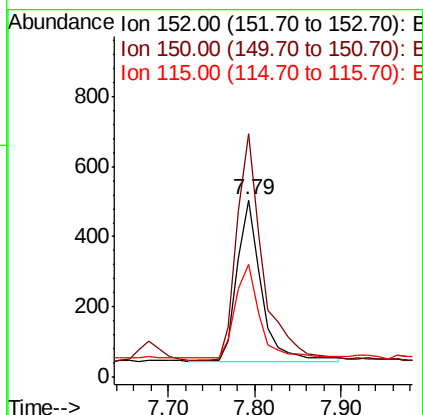
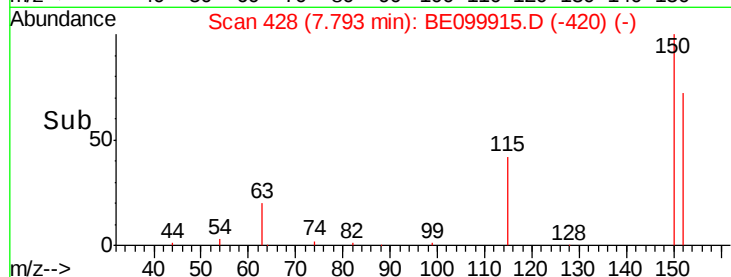


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 0.347 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.01 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

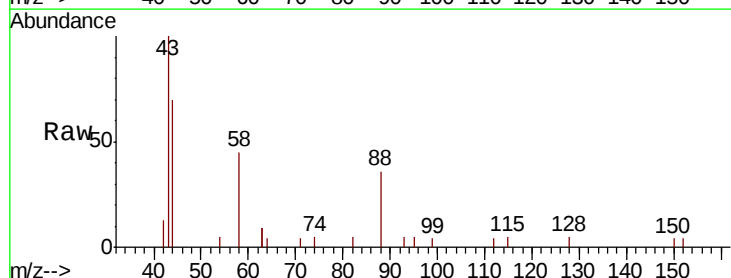
Tgt Ion: 88 Resp: 452

Ion Ratio Lower Upper

88 100

58 76.8 48.8 73.2#

43 69.7 19.0 28.6#

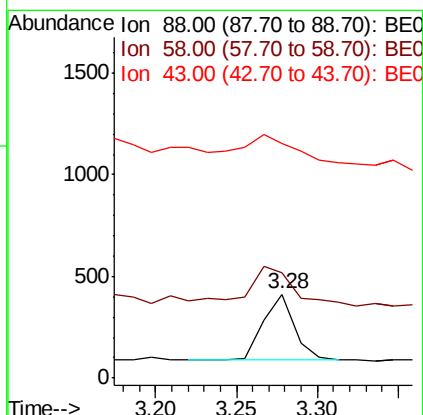
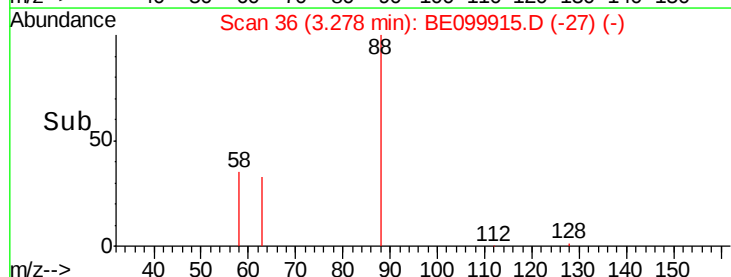


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.311 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

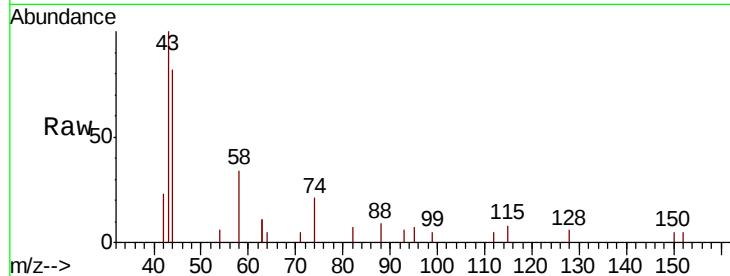
Tgt Ion: 42 Resp: 234

Ion Ratio Lower Upper

42 100

74 162.4 0.0 0.0#

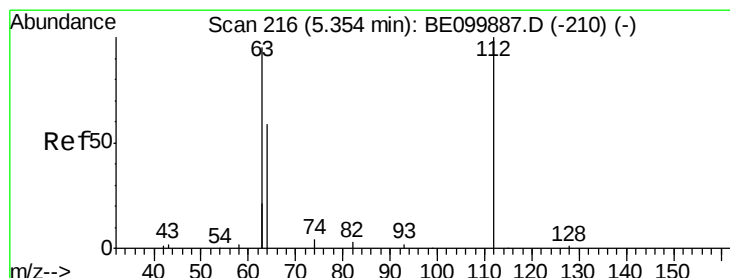
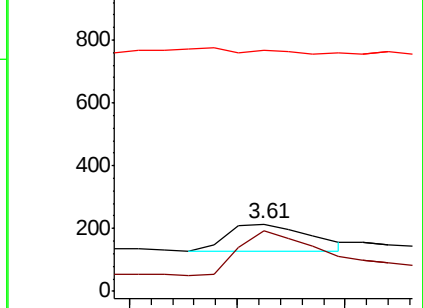
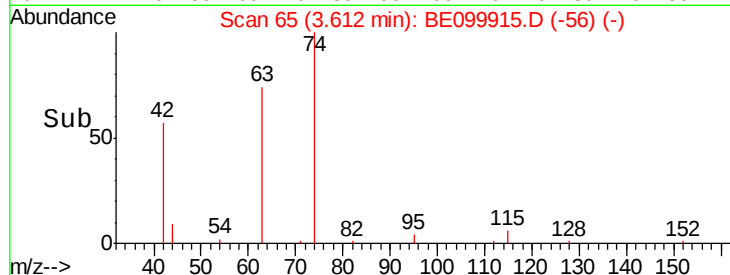
44 0.0 0.0 0.0



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: 0.318 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

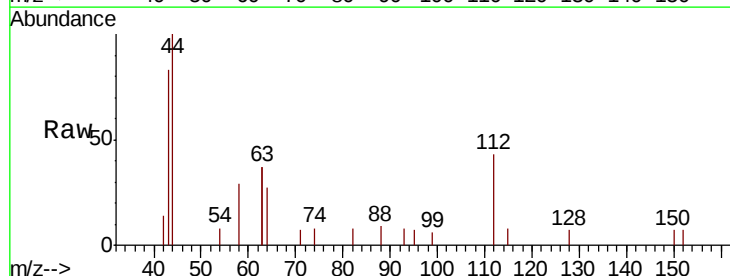
Tgt Ion: 112 Resp: 757

Ion Ratio Lower Upper

112 100

64 55.9 44.1 66.1

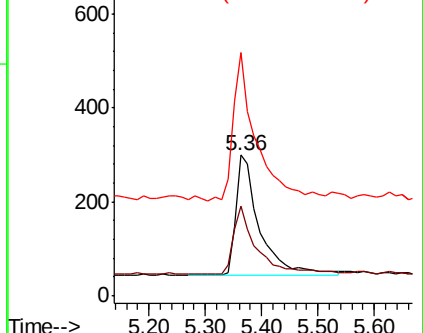
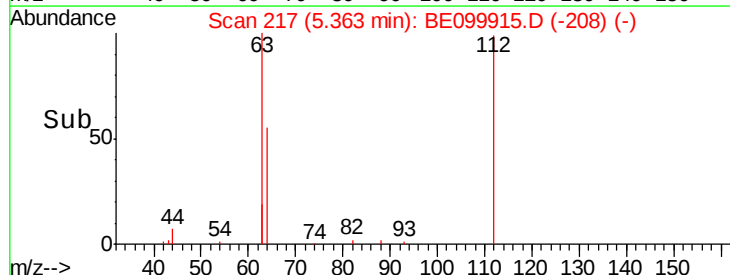
63 121.4 87.8 131.6



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: 0.311 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

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ClientSampleId :

PB120391BSD

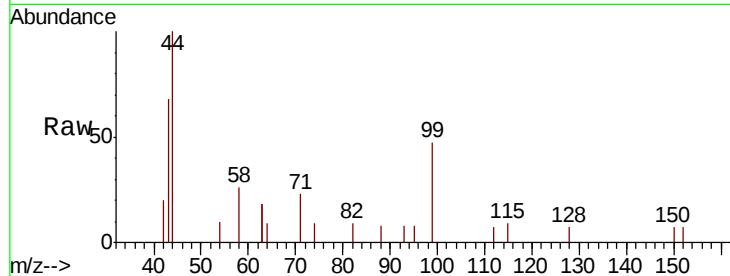
Tgt Ion: 99 Resp: 954

Ion Ratio Lower Upper

99 100

42 16.6 15.9 23.9

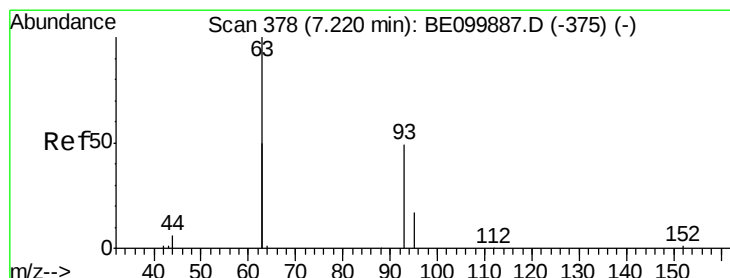
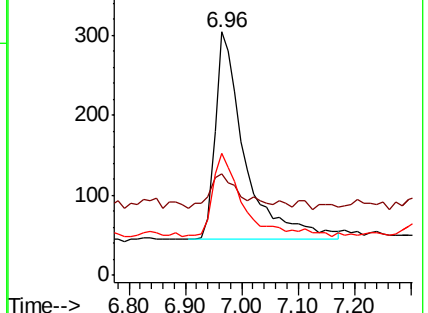
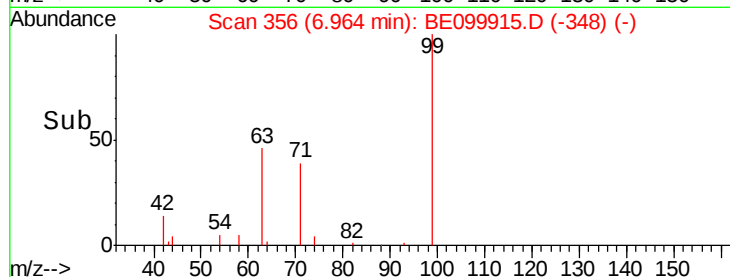
71 36.5 34.6 52.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.306 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

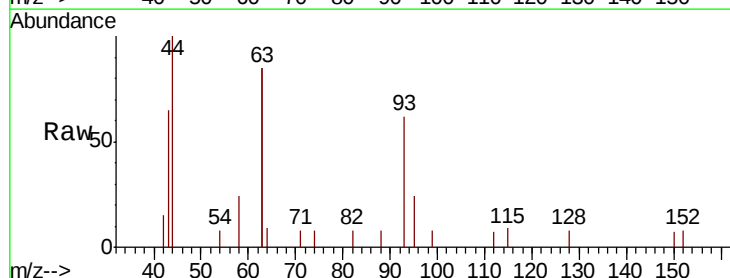
Tgt Ion: 93 Resp: 766

Ion Ratio Lower Upper

93 100

63 261.6 202.8 304.2

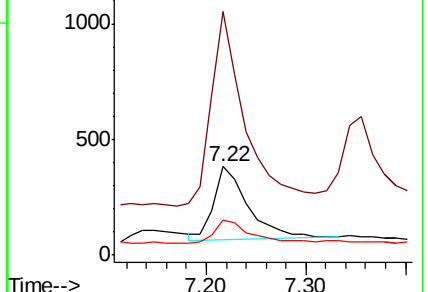
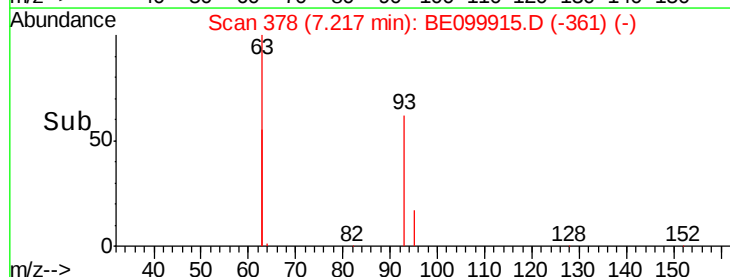
95 33.4 23.7 35.5



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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

Tgt Ion: 136 Resp: 3012

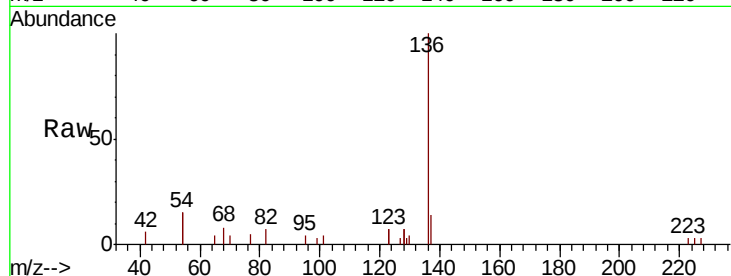
Ion Ratio Lower Upper

136 100

137 13.8 12.3 18.5

54 29.5 28.2 42.4

68 8.1 7.8 11.8

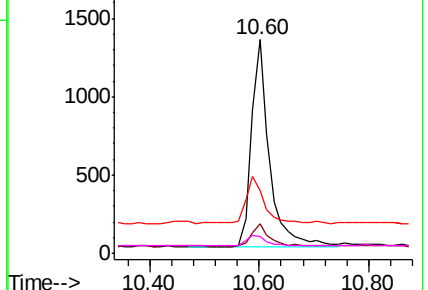
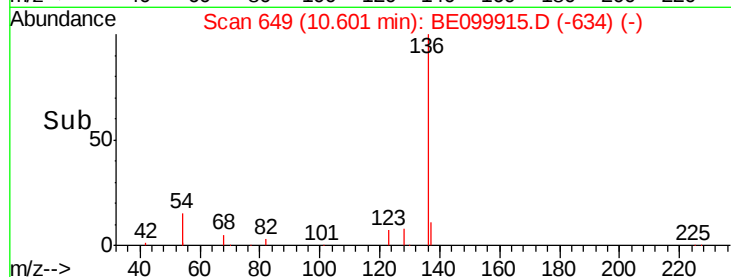


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

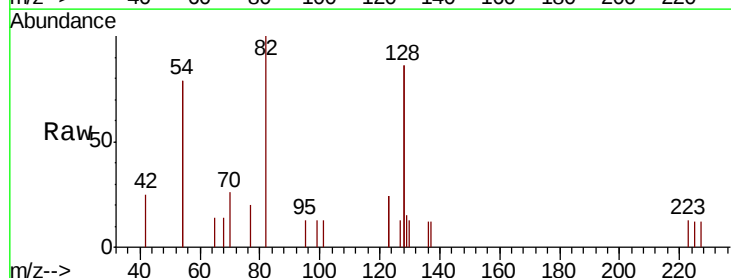
Tgt Ion: 82 Resp: 934

Ion Ratio Lower Upper

82 100

128 172.3 137.3 205.9

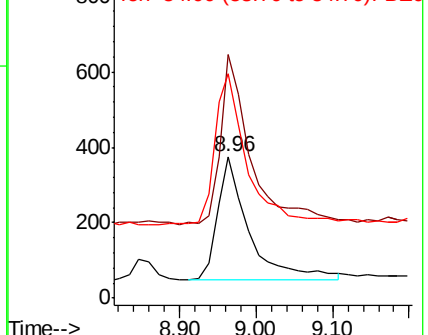
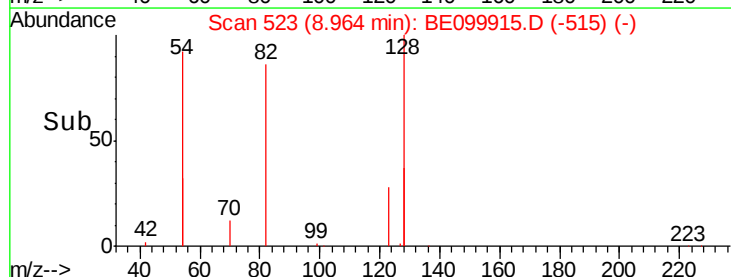
54 158.9 129.7 194.5

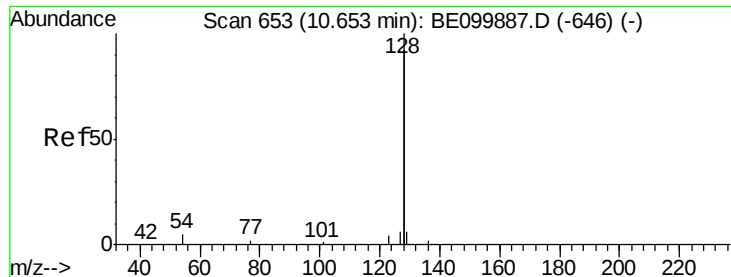


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.359 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

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ClientSampleId :

PB120391BSD

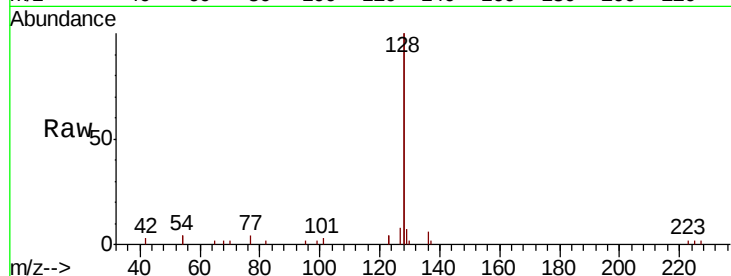
Tgt Ion:128 Resp: 11679

Ion Ratio Lower Upper

128 100

129 3.7 3.0 4.6

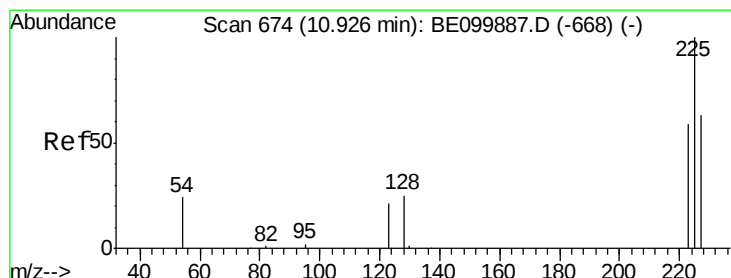
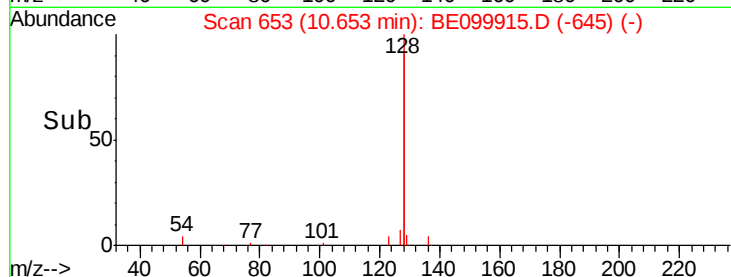
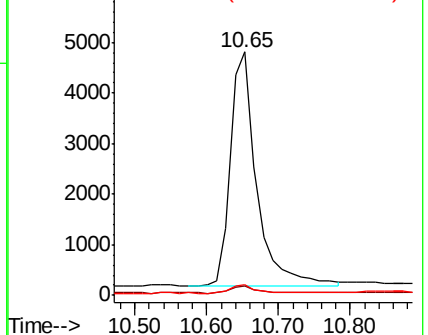
127 4.2 3.4 5.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.362 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

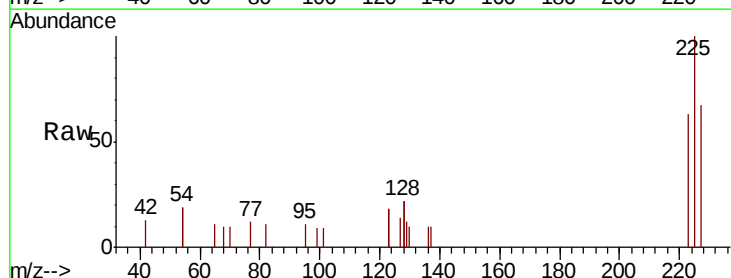
Tgt Ion:225 Resp: 898

Ion Ratio Lower Upper

225 100

223 61.6 51.6 77.4

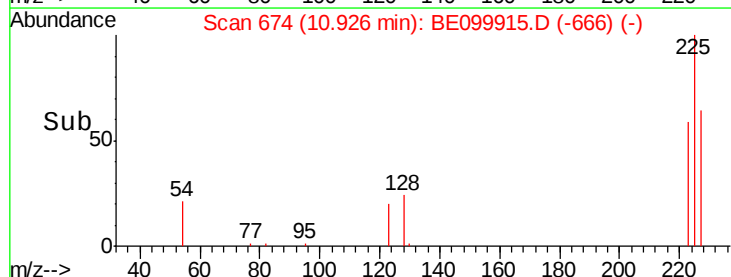
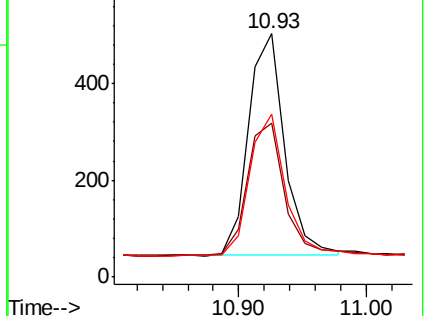
227 63.5 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.471 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

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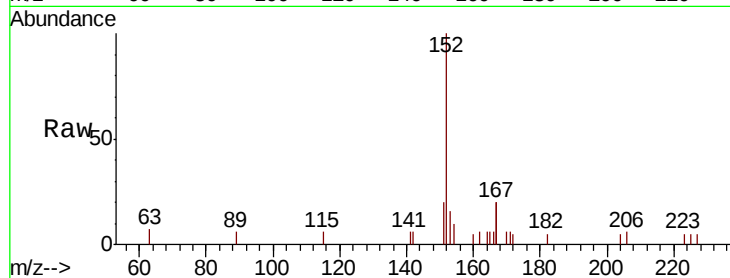
PB120391BSD

Tgt Ion:152 Resp: 2476

Ion Ratio Lower Upper

152 100

151 13.6 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

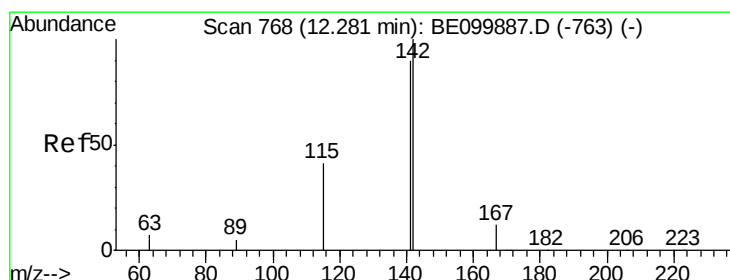
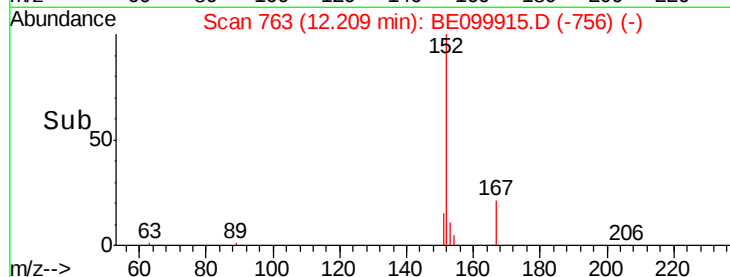
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.348 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

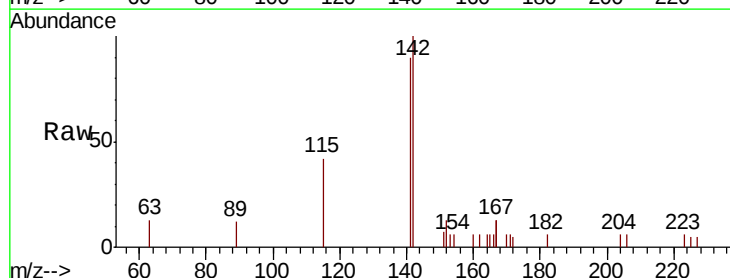
Tgt Ion:142 Resp: 1839

Ion Ratio Lower Upper

142 100

141 89.6 72.3 108.5

115 41.9 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.28

1000

800

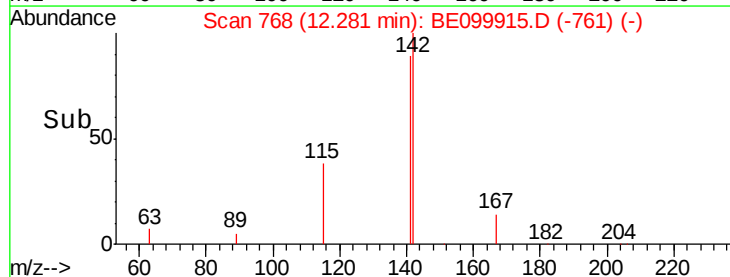
600

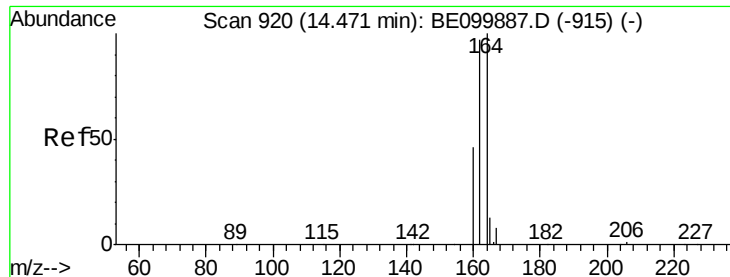
400

200

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

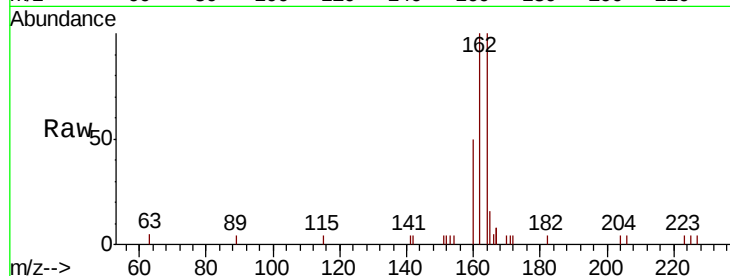
Tgt Ion:164 Resp: 2038

Ion Ratio Lower Upper

164 100

162 99.6 77.8 116.8

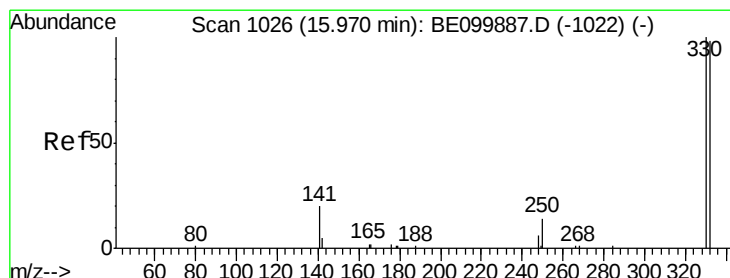
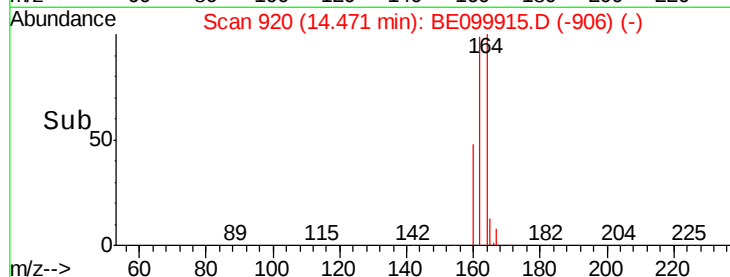
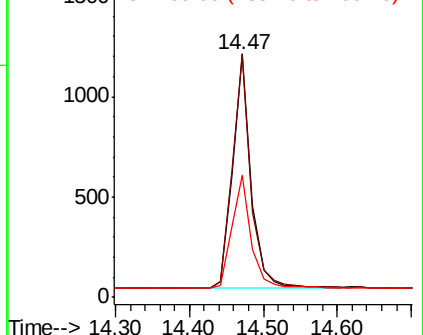
160 50.2 38.2 57.4



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



#14

2,4,6-Tribromophenol

Concen: 0.229 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

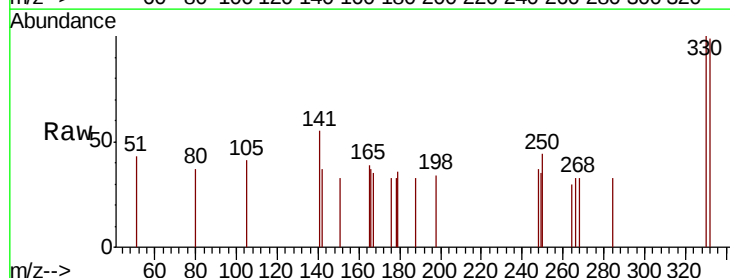
Tgt Ion:330 Resp: 345

Ion Ratio Lower Upper

330 100

332 102.9 76.7 115.1

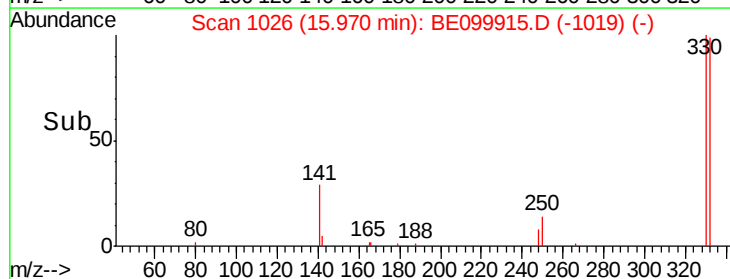
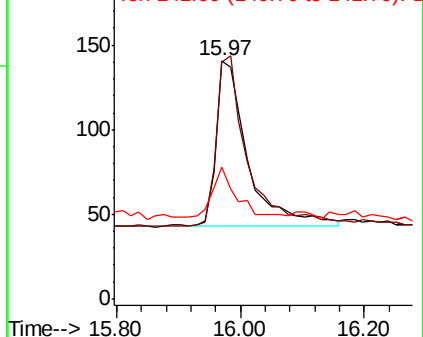
141 23.2 21.0 31.6



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

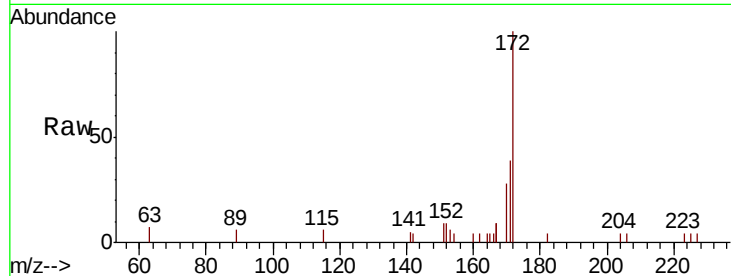




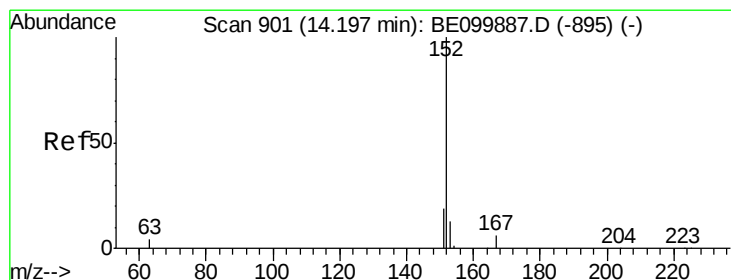
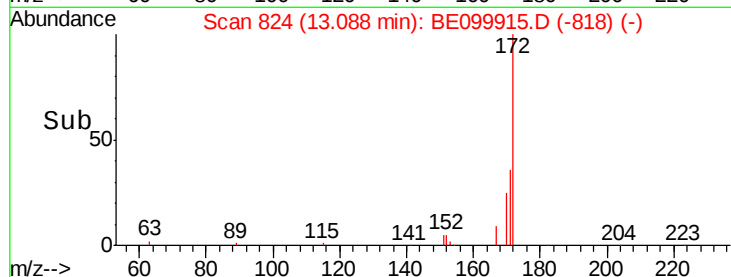
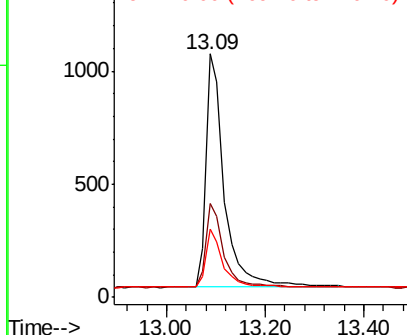
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tgt Ion:172 Resp: 2664
Ion Ratio Lower Upper
172 100
171 38.8 29.2 43.8
170 28.0 21.2 31.8

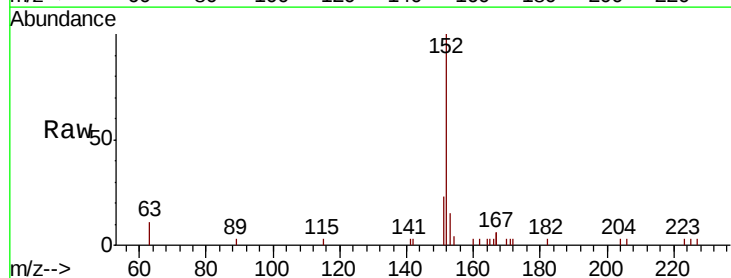


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

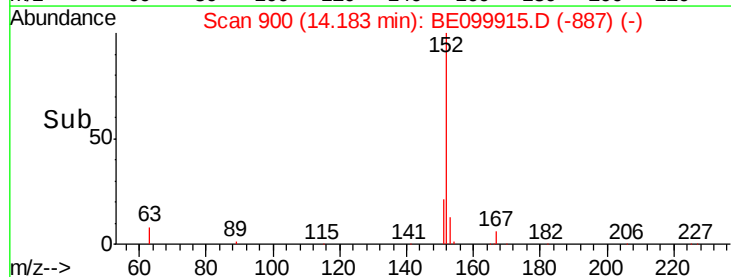
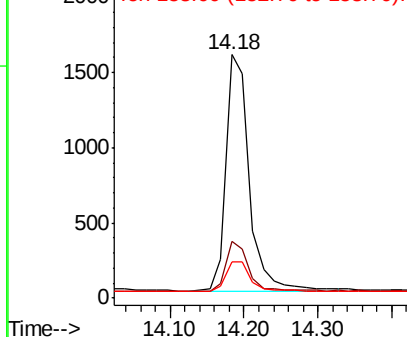


#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Tgt Ion:152 Resp: 3448
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 13.3 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.345 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

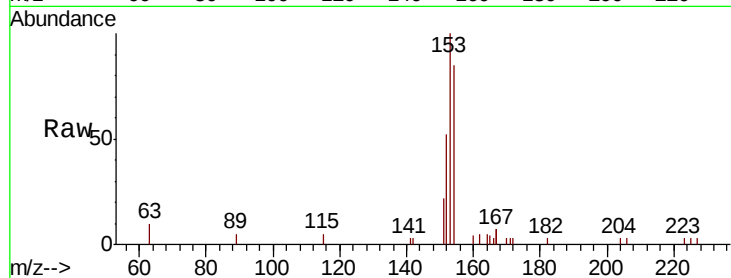
Tgt Ion:154 Resp: 1904

Ion Ratio Lower Upper

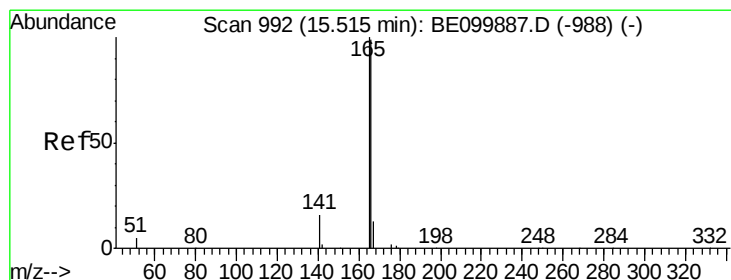
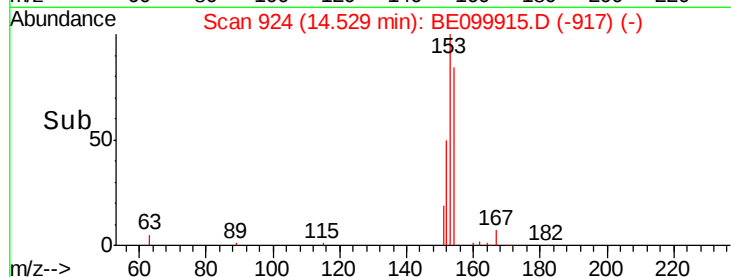
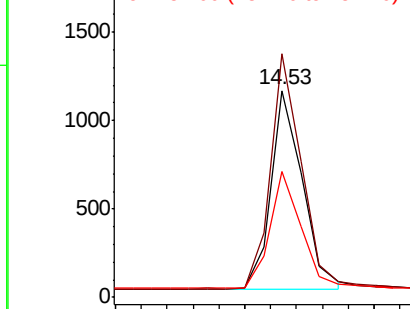
154 100

153 116.6 93.1 139.7

152 58.6 47.0 70.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.336 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

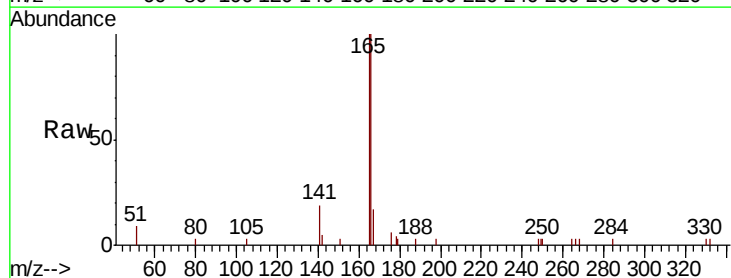
Tgt Ion:166 Resp: 2786

Ion Ratio Lower Upper

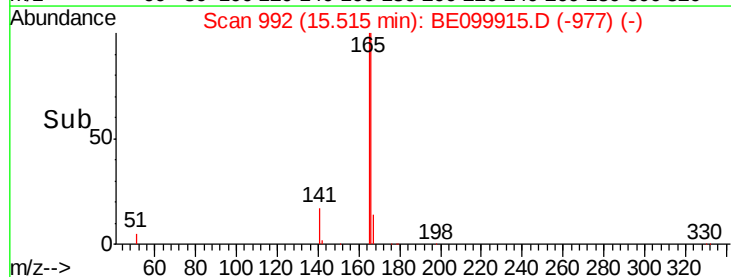
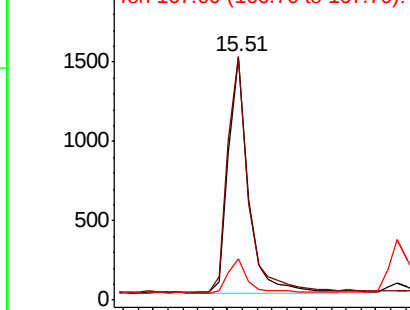
166 100

165 103.4 81.8 122.8

167 14.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

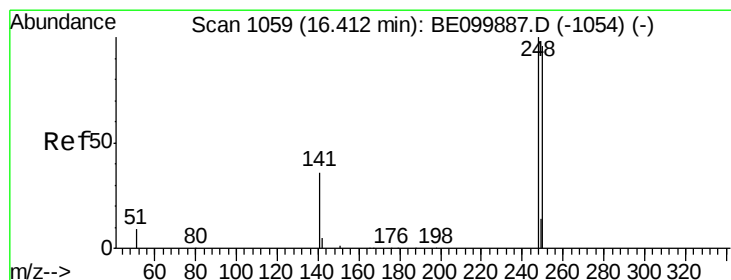
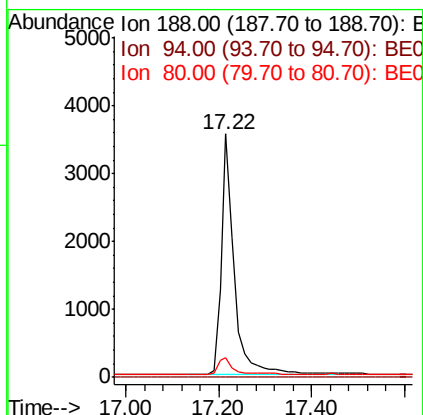
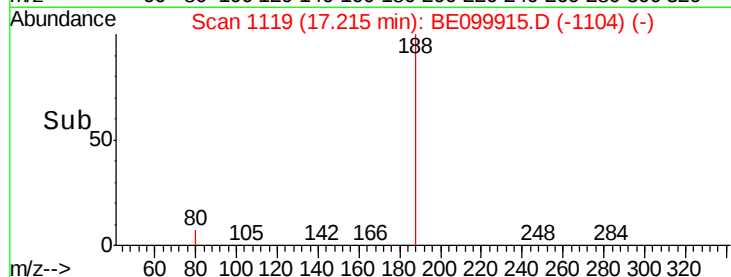
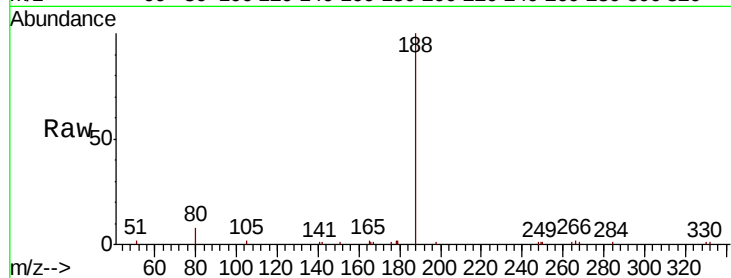
Tgt Ion:188 Resp: 6892

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.341 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

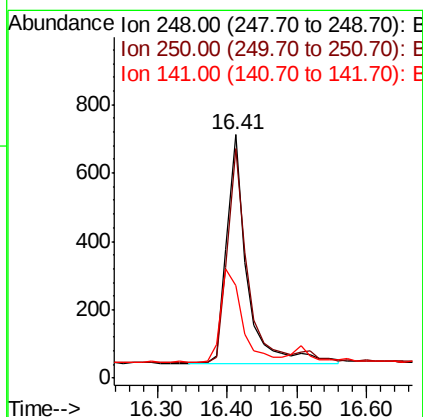
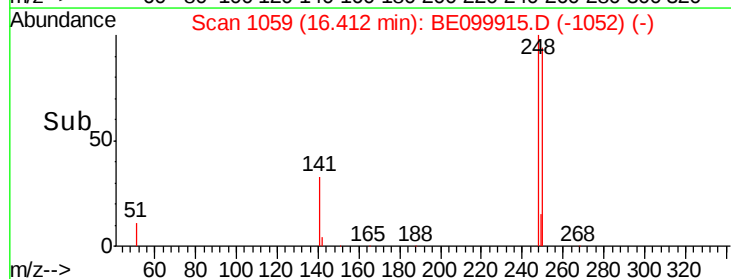
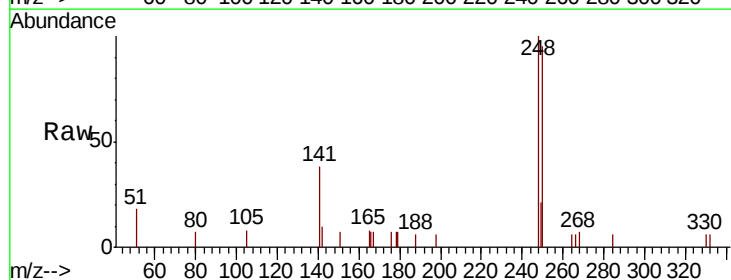
Tgt Ion:248 Resp: 1333

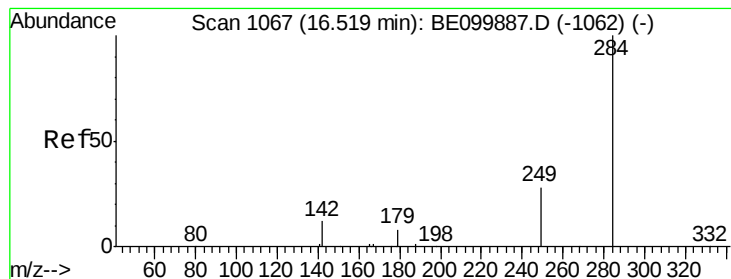
Ion Ratio Lower Upper

248 100

250 94.5 77.5 116.3

141 37.9 31.8 47.8





#21

Hexachlorobenzene

Concen: 0.340 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

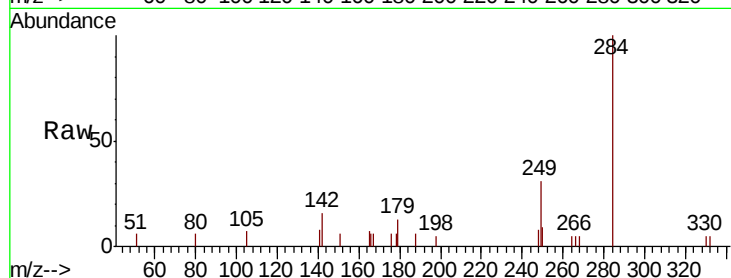
Tgt Ion:284 Resp: 1356

Ion Ratio Lower Upper

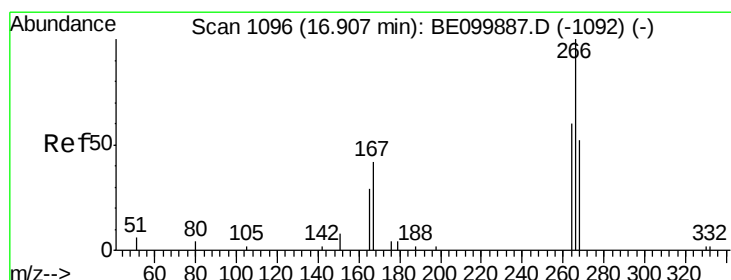
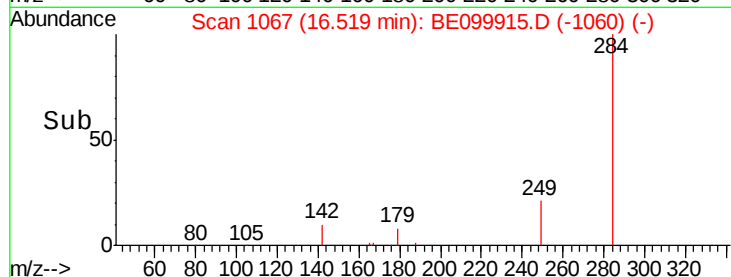
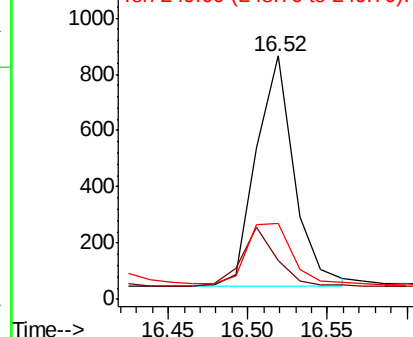
284 100

142 23.6 18.2 27.4

249 30.8 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.365 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.04 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

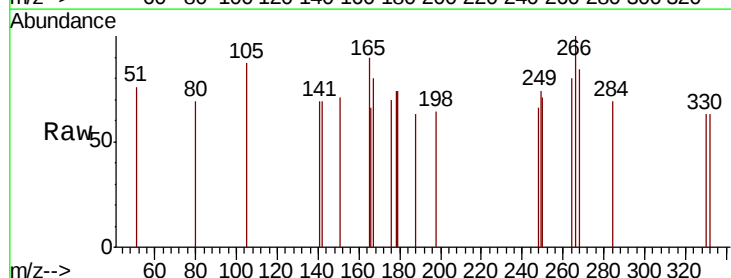
Tgt Ion:266 Resp: 125

Ion Ratio Lower Upper

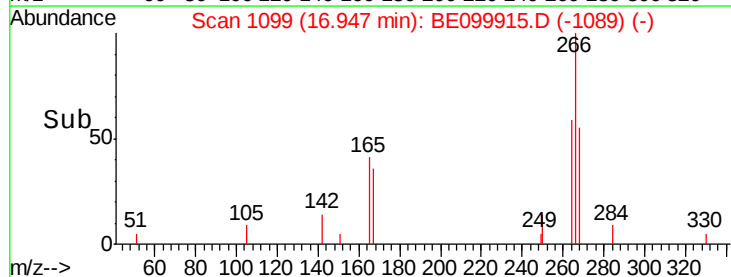
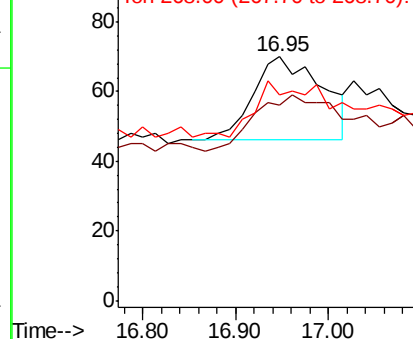
266 100

264 80.0 62.2 93.2

268 84.3 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





#23

Phenanthrene

Concen: 0.344 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

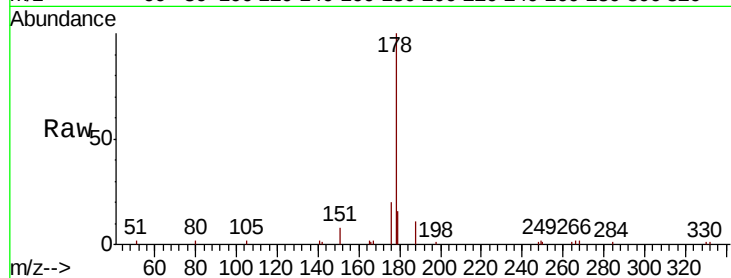
Tgt Ion:178 Resp: 5753

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

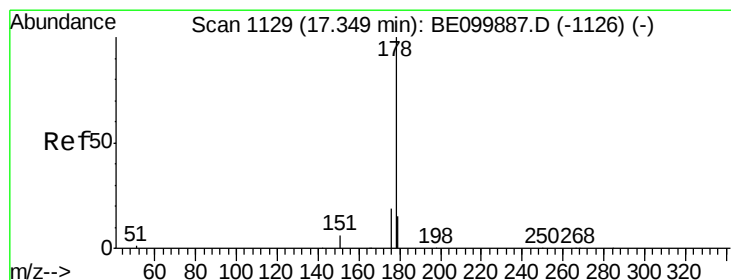
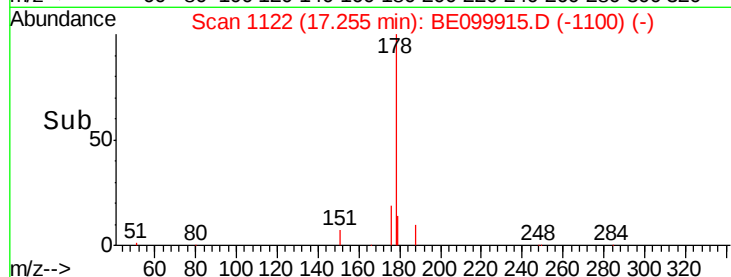
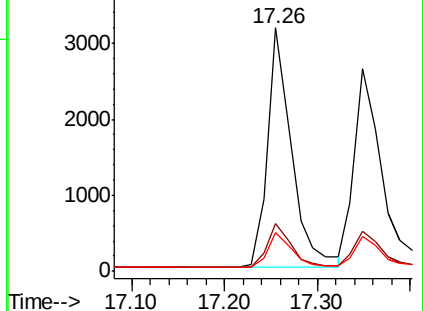
179 14.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.318 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

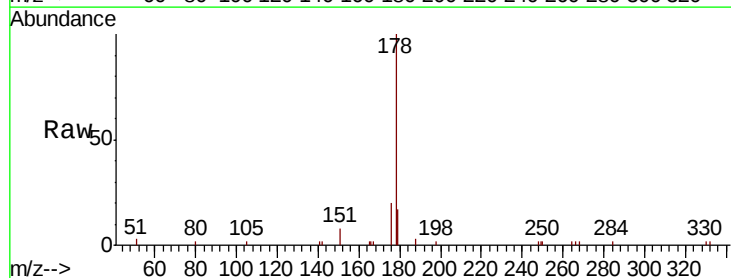
Tgt Ion:178 Resp: 4870

Ion Ratio Lower Upper

178 100

176 19.8 14.6 22.0

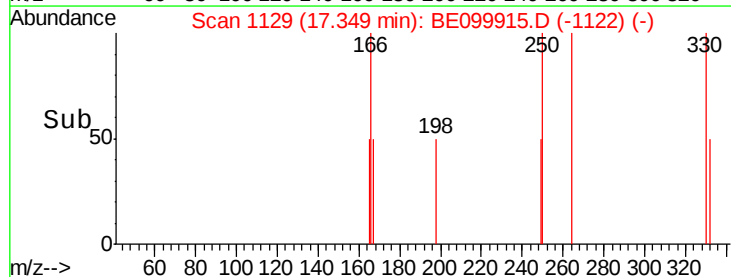
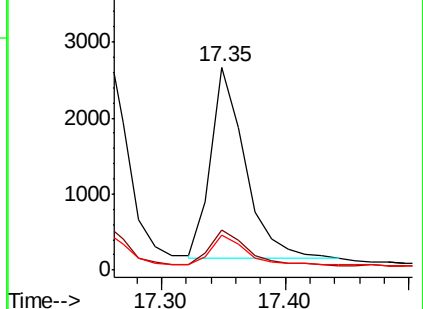
179 15.3 12.3 18.5

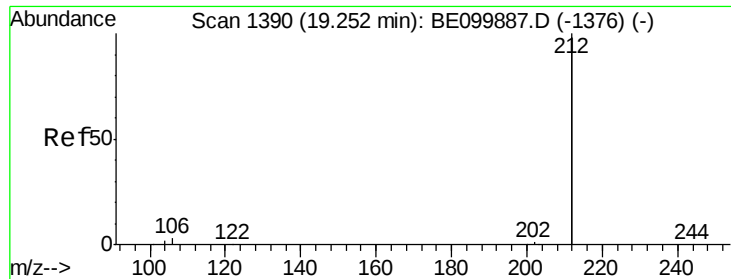


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.351 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

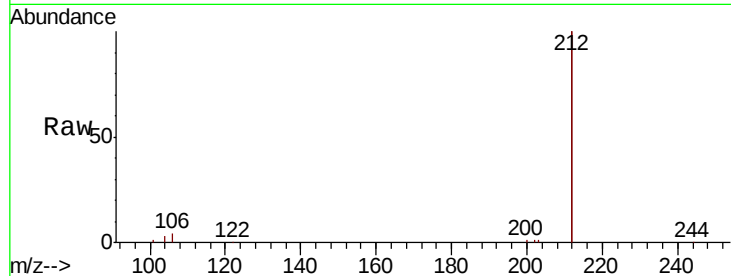
Tgt Ion:212 Resp: 35227

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

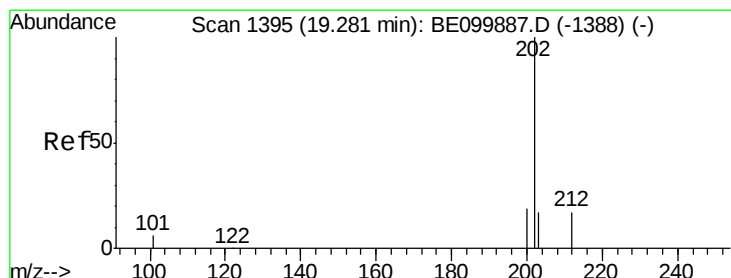
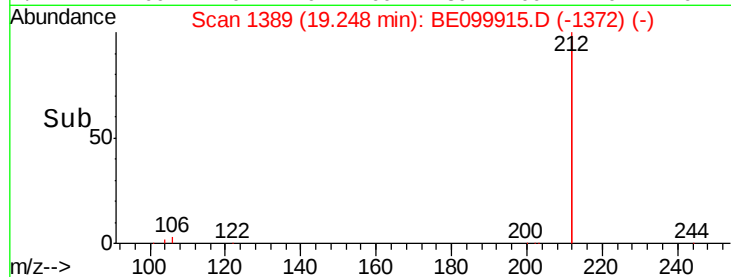
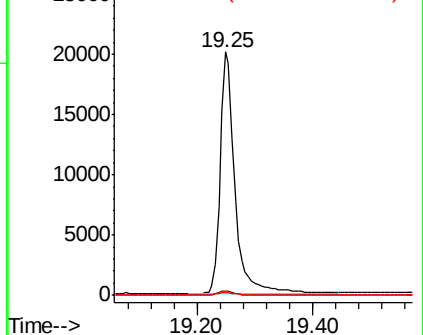
104 1.1 0.9 1.3



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



#26

Fluoranthene

Concen: 0.364 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

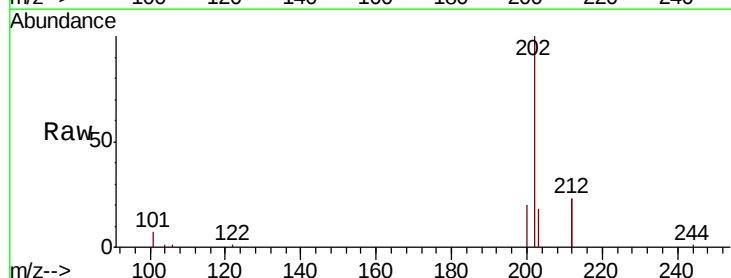
Tgt Ion:202 Resp: 10353

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.0

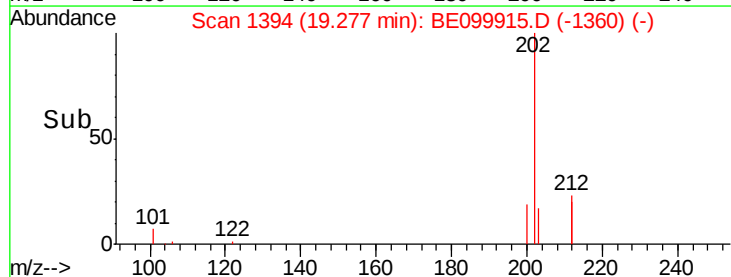
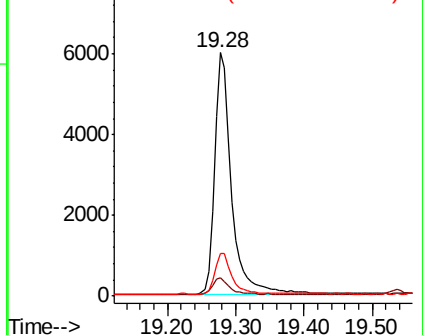
203 17.3 13.2 19.8

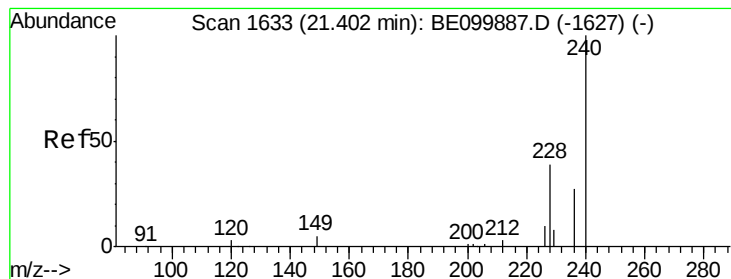


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

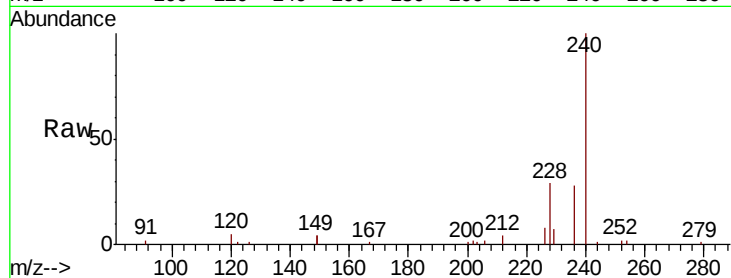
Tgt Ion:240 Resp: 11427

Ion Ratio Lower Upper

240 100

120 4.5 3.8 5.6

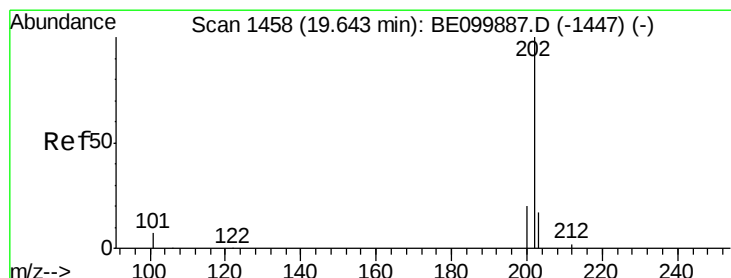
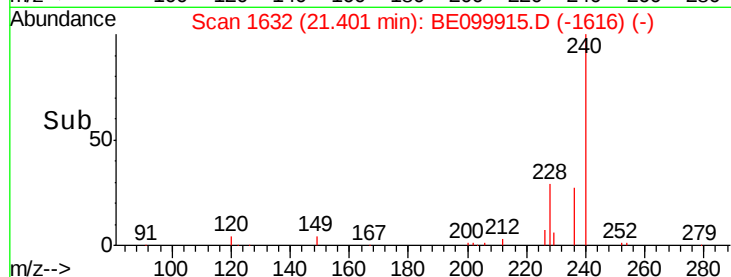
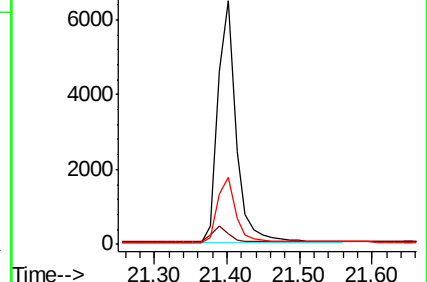
236 27.7 22.0 33.0



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



#28

Pyrene

Concen: 0.367 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

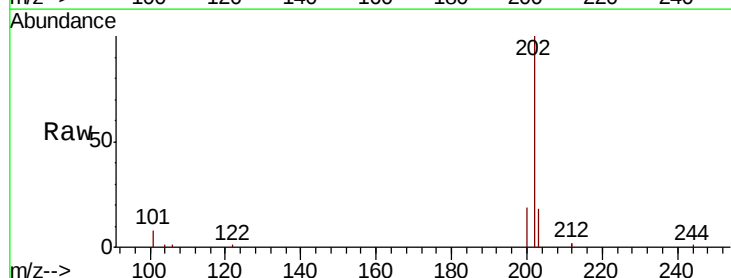
Tgt Ion:202 Resp: 11017

Ion Ratio Lower Upper

202 100

200 19.5 15.5 23.3

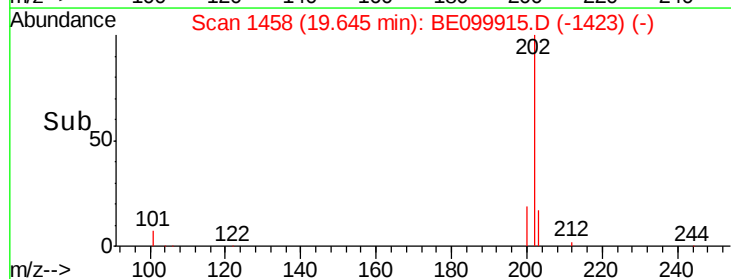
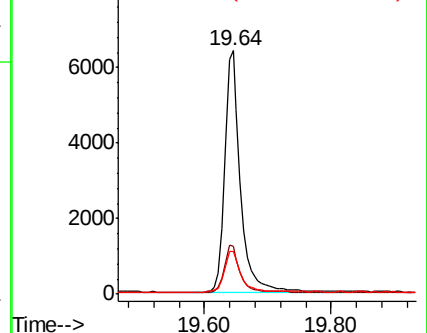
203 18.0 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.371 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

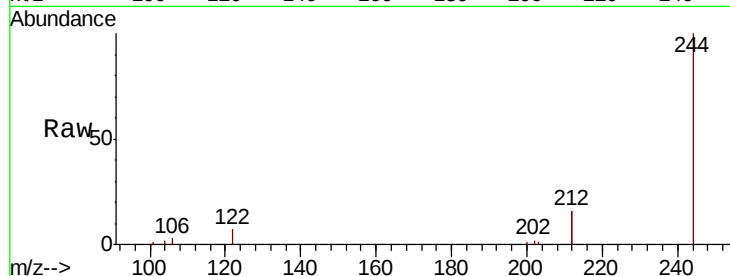
Tgt Ion:244 Resp: 7640

Ion Ratio Lower Upper

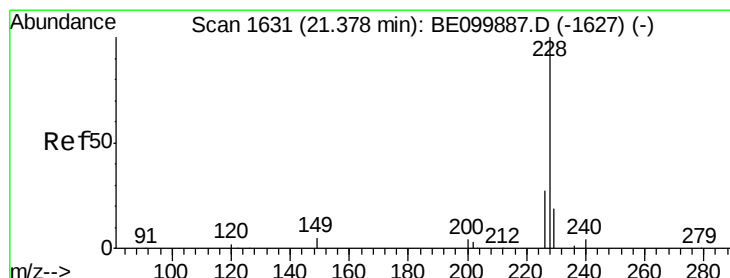
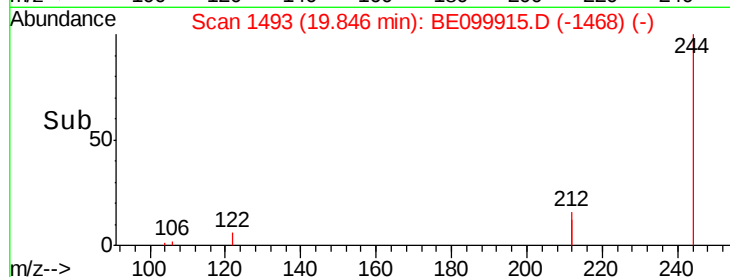
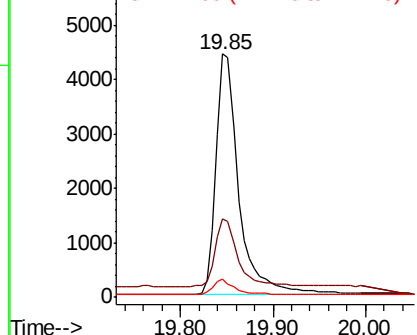
244 100

212 32.0 25.7 38.5

122 7.3 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



#30

Benzo(a)anthracene

Concen: 0.399 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

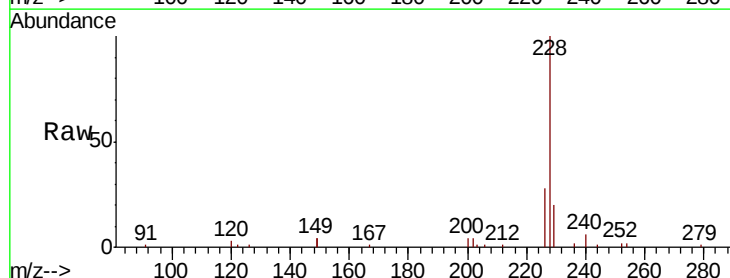
Tgt Ion:228 Resp: 13618

Ion Ratio Lower Upper

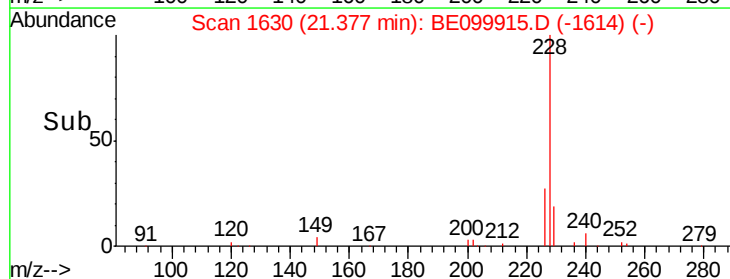
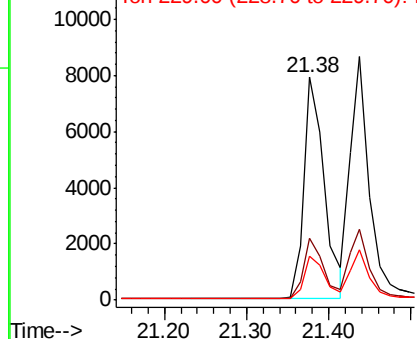
228 100

226 27.8 22.5 33.7

229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

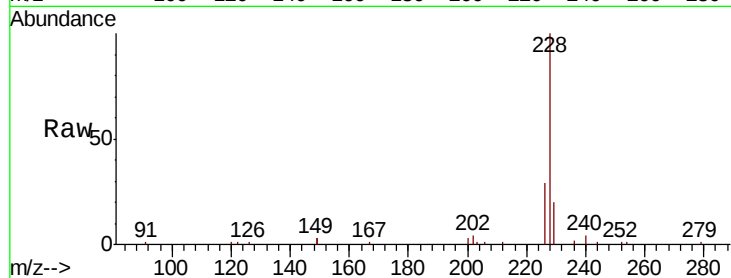
Tgt Ion:228 Resp: 13748

Ion Ratio Lower Upper

228 100

226 29.1 24.1 36.1

229 20.4 16.1 24.1

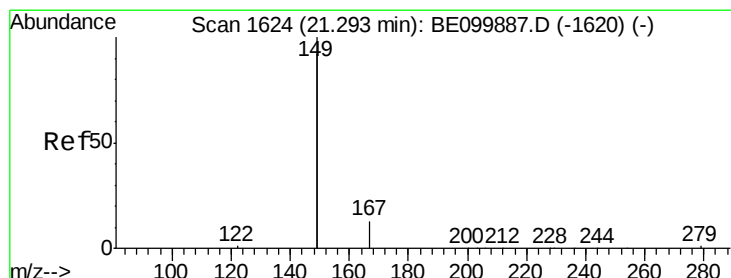
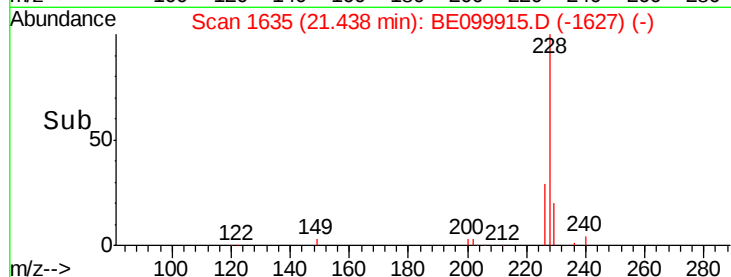
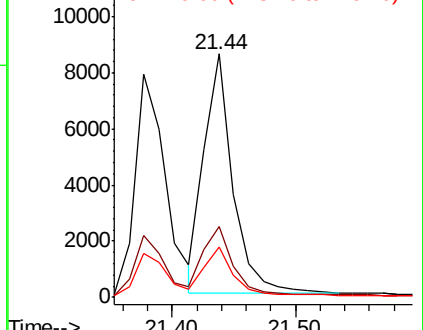


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.344 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

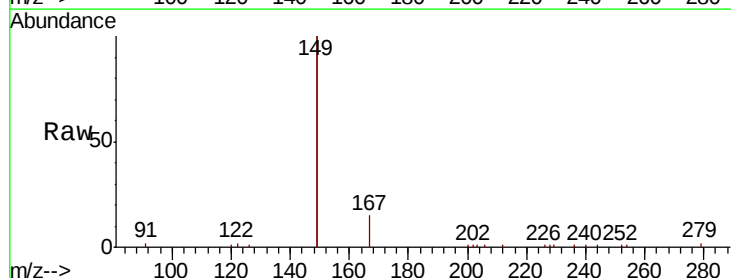
Tgt Ion:149 Resp: 16842

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

279 1.2 1.2 1.8

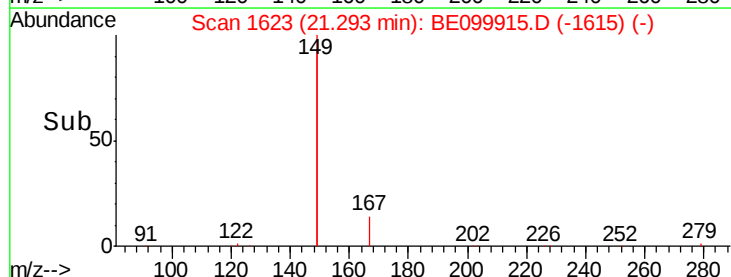
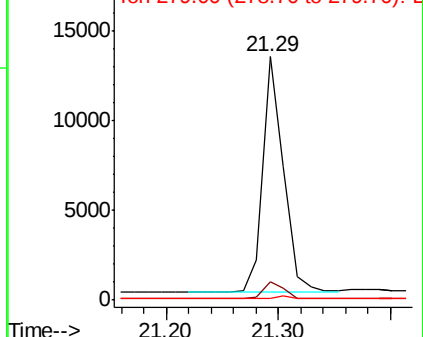


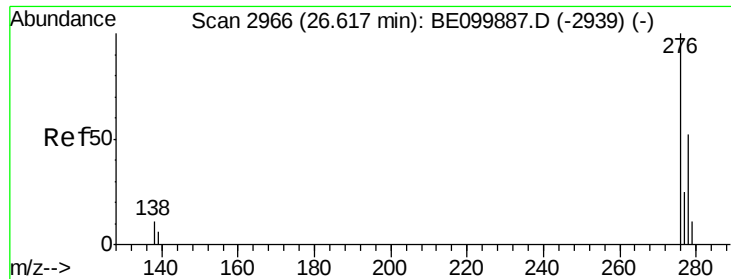
Abundance

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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng

RT: 26.61 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

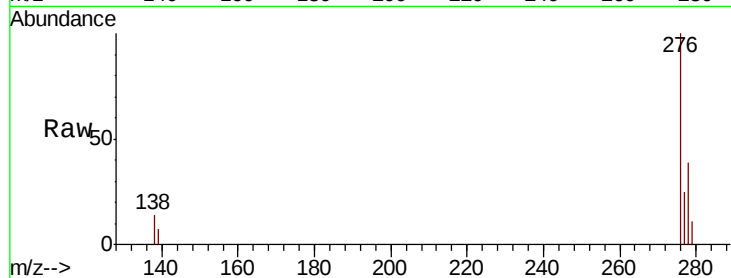
Tgt Ion:276 Resp: 16435

Ion Ratio Lower Upper

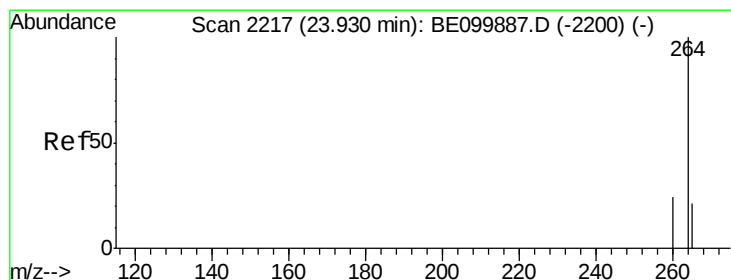
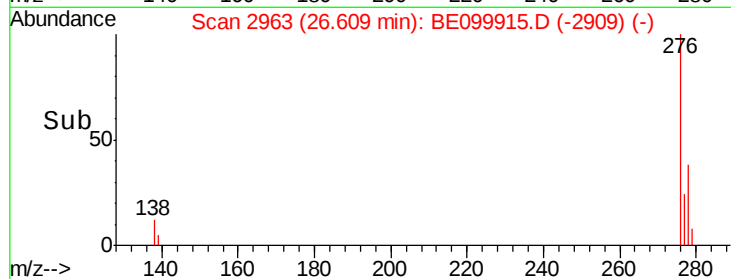
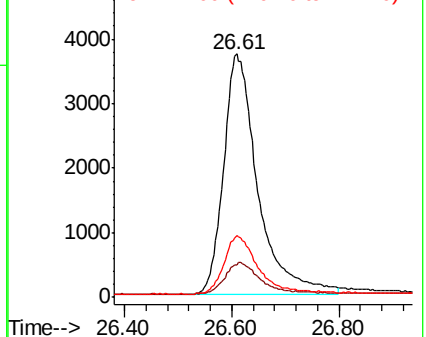
276 100

138 13.2 10.1 15.1

277 23.8 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

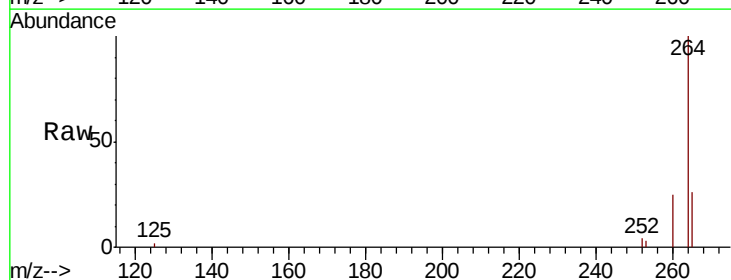
Tgt Ion:264 Resp: 12946

Ion Ratio Lower Upper

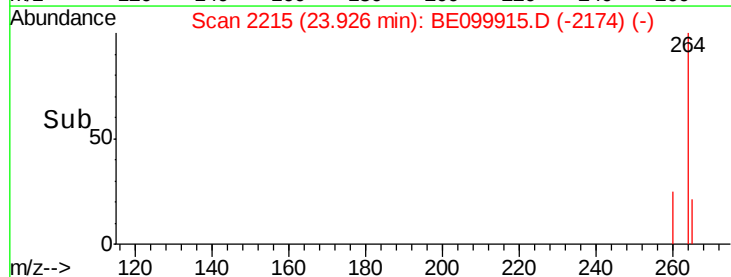
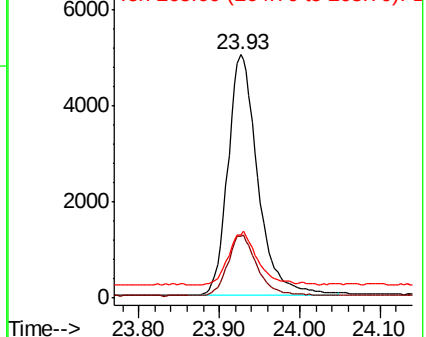
264 100

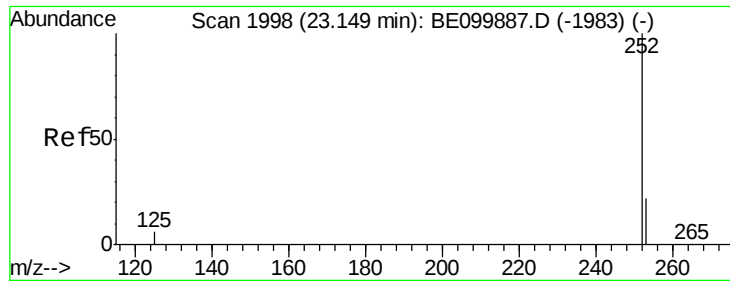
260 25.4 20.2 30.2

265 25.8 22.0 33.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

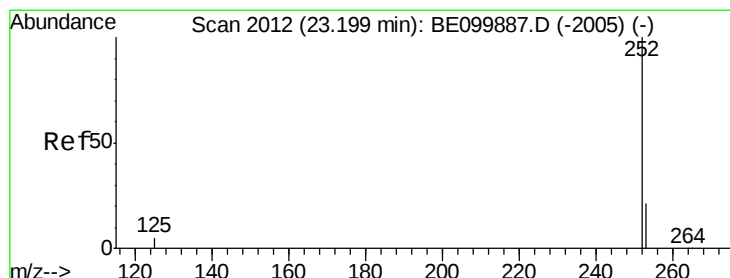
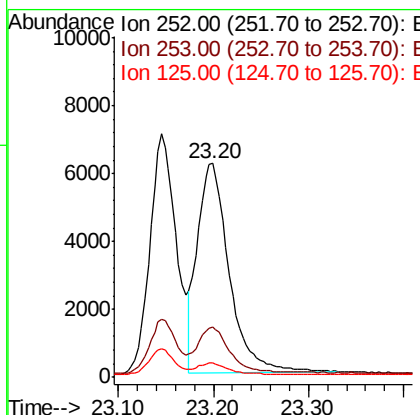
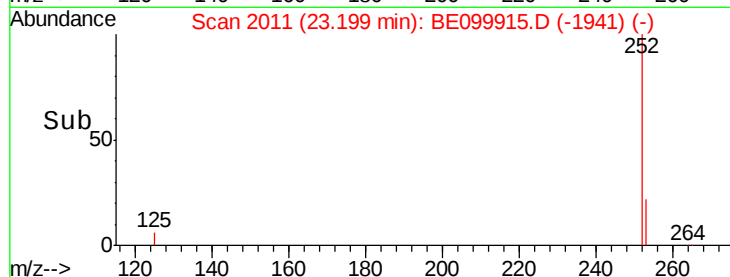
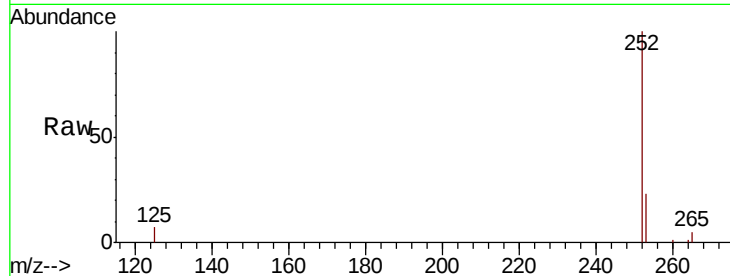




#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.20 min Scan# 2011
Delta R.T. 0.05 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

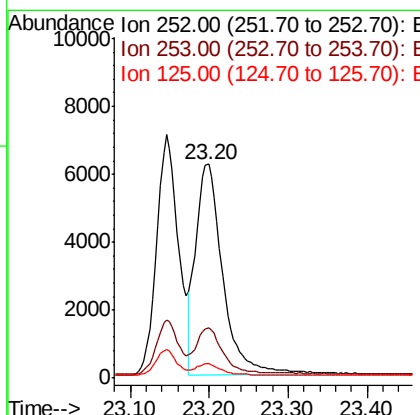
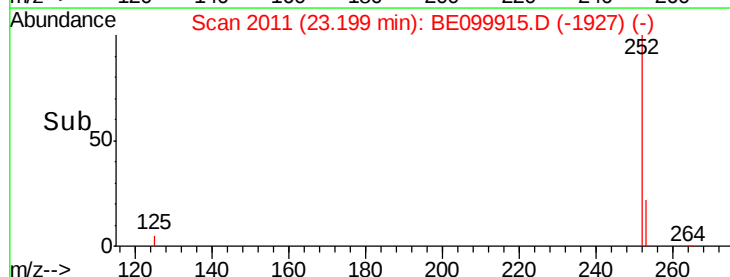
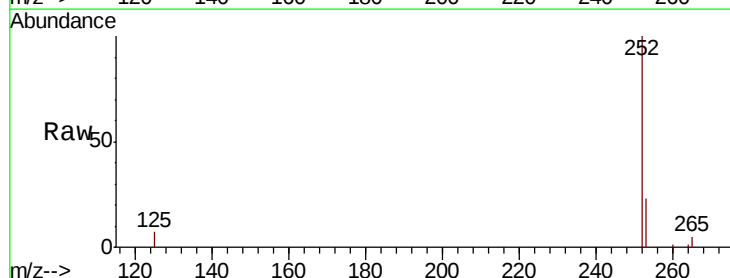
Instrument :
BNA_E
ClientSampleId :
PB120391BSD

Tgt Ion:252 Resp: 14422
Ion Ratio Lower Upper
252 100
253 23.3 18.7 28.1
125 6.8 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE099915.D
Acq: 11 Jun 2019 9:42

Tgt Ion:252 Resp: 14681
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 6.8 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD

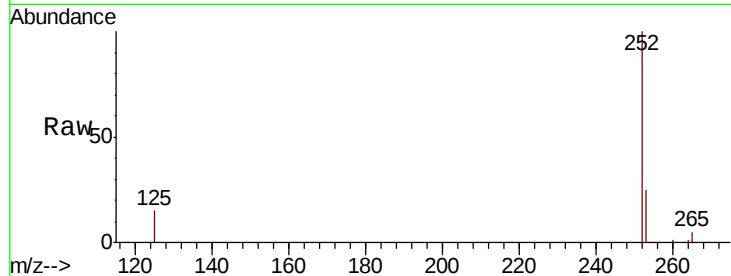
Tgt Ion:252 Resp: 13812

Ion Ratio Lower Upper

252 100

253 24.9 19.6 29.4

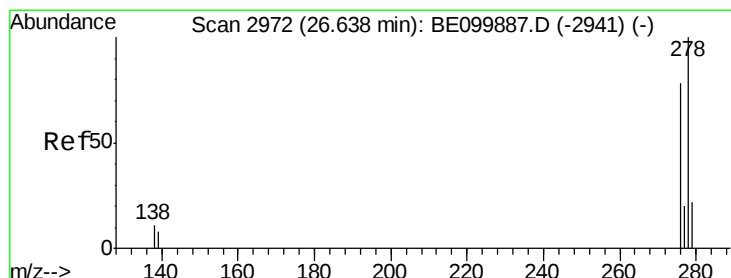
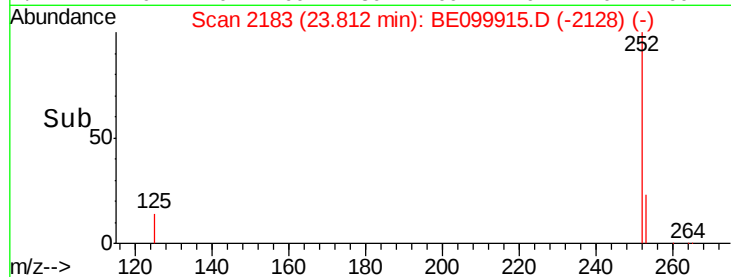
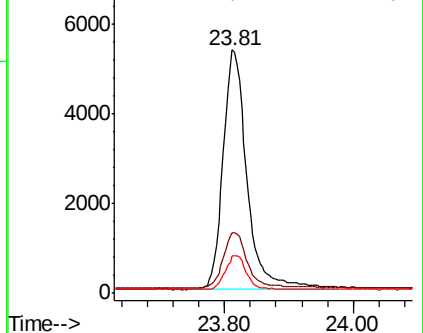
125 15.3 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.366 ng

RT: 26.64 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BE099915.D

Acq: 11 Jun 2019 9:42

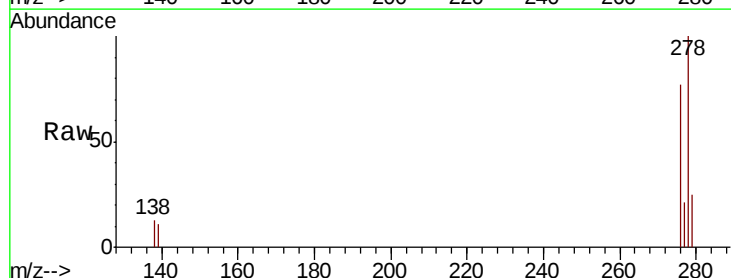
Tgt Ion:278 Resp: 13191

Ion Ratio Lower Upper

278 100

139 10.8 7.8 11.8

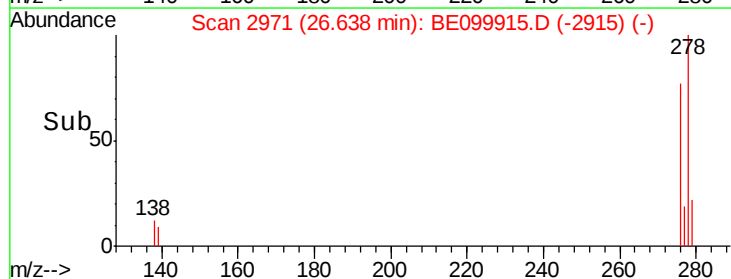
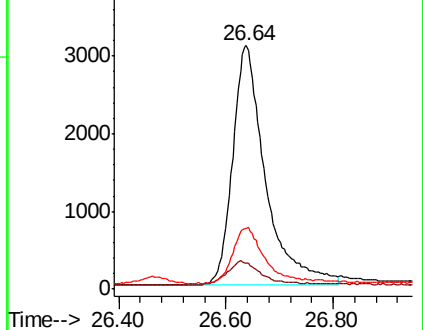
279 25.1 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.381 ng

RT: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE099915.D

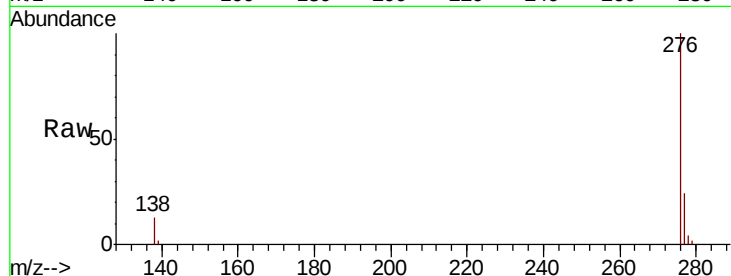
Acq: 11 Jun 2019 9:42

Instrument :

BNA_E

ClientSampleId :

PB120391BSD



Tgt Ion: 276 Resp: 14154

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 12.6 9.5 14.3

