

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060419\
 Data File : BE099792.D
 Acq On : 4 Jun 2019 9:04
 Operator : JU/SJ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 04 11:50:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1272	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4721	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3414	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	11581	0.40	ng	0.00
27) Chrysene-d12	21.40	240	19610	0.40	ng	-0.01
34) Perylene-d12	23.94	264	23104	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	1154	0.36	ng	0.00
5) Phenol-d6	6.97	99	1468	0.35	ng	0.00
8) Nitrobenzene-d5	8.96	82	1383	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2908	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	656	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4597	0.35	ng	0.00
25) Fluoranthene-d10	19.26	212	60593	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	12299	0.35	ng	-0.01

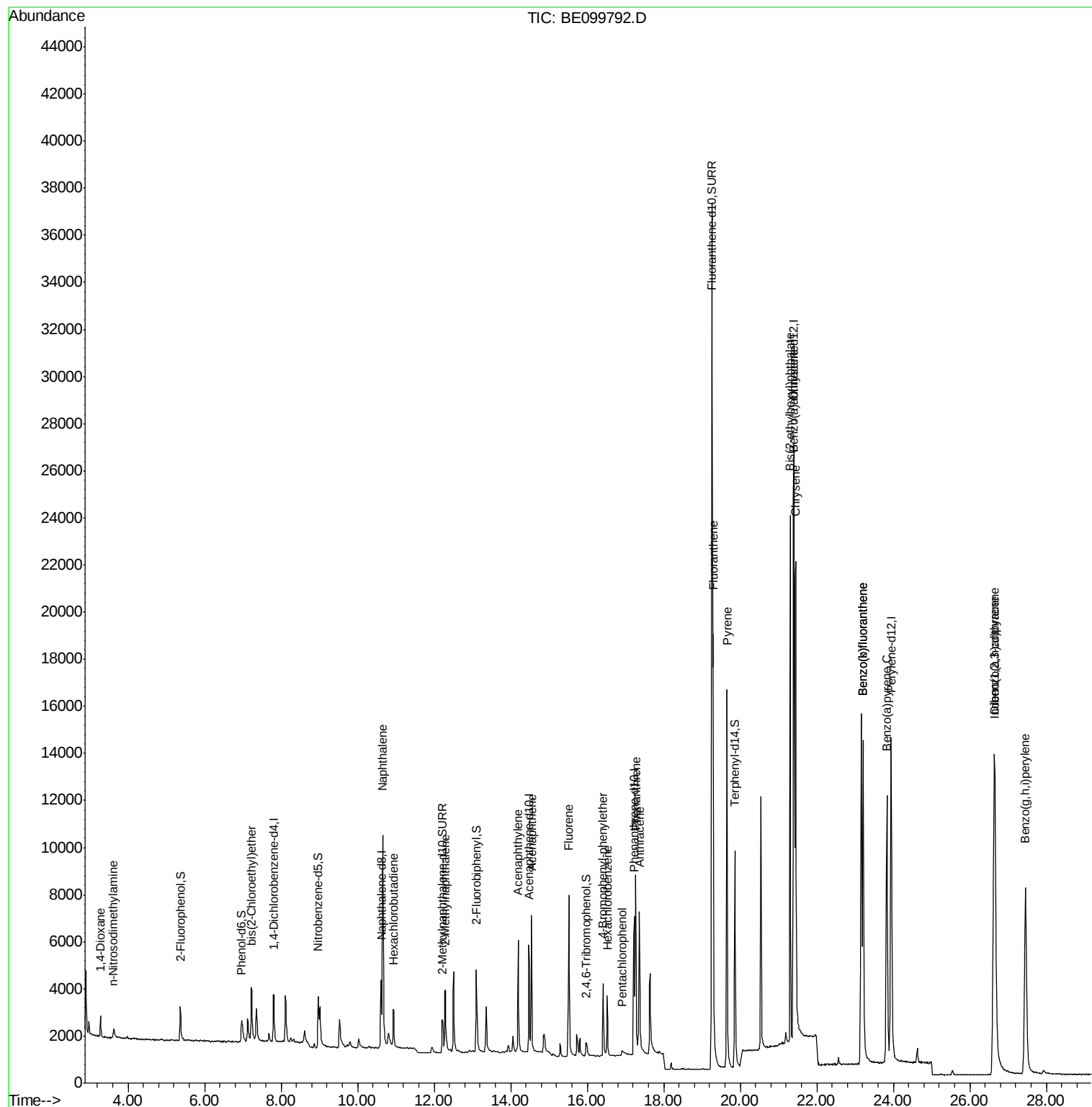
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	675	0.359	ng	# 90
3) n-Nitrosodimethylamine	3.61	42	332	0.319	ng	# 80
6) bis(2-Chloroethyl)ether	7.23	93	1372	0.363	ng	92
9) Naphthalene	10.65	128	18108	0.359	ng	99
10) Hexachlorobutadiene	10.94	225	1357	0.365	ng	97
12) 2-Methylnaphthalene	12.30	142	2798	0.340	ng	98
16) Acenaphthylene	14.20	152	5948	0.374	ng	99
17) Acenaphthene	14.54	154	3130	0.350	ng	95
18) Fluorene	15.52	166	4689	0.356	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	2130	0.319	ng	# 88
21) Hexachlorobenzene	16.52	284	2464	0.361	ng	98
22) Pentachlorophenol	16.92	266	387	0.366	ng	95
23) Phenanthrene	17.27	178	9865	0.349	ng	100
24) Anthracene	17.36	178	8505	0.331	ng	99
26) Fluoranthene	19.29	202	17416	0.389	ng	99
28) Pyrene	19.65	202	18284	0.371	ng	100
30) Benzo(a)anthracene	21.39	228	20736	0.372	ng	99
31) Chrysene	21.45	228	23472	0.394	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	23240	0.362	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	28035	0.390	ng	100
35) Benzo(b)fluoranthene	23.21	252	23592	0.373	ng	99
36) Benzo(k)fluoranthene	23.21	252	23789	0.360	ng	98
37) Benzo(a)pyrene	23.83	252	22062	0.362	ng	# 96
38) Dibenzo(a,h)anthracene	26.66	278	22536	0.352	ng	98
39) Benzo(g,h,i)perylene	27.45	276	23150	0.358	ng	100

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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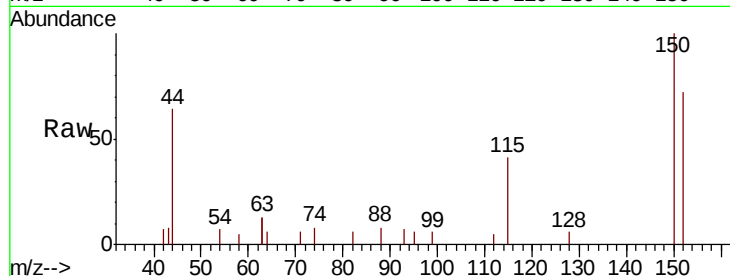


#1

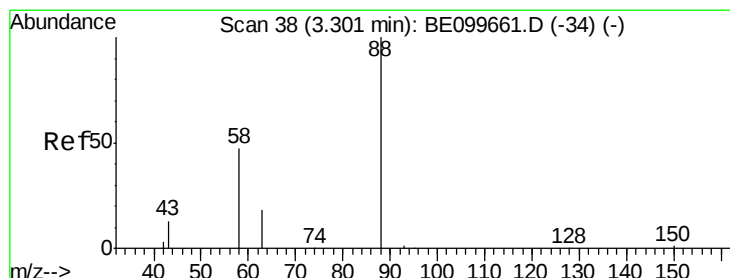
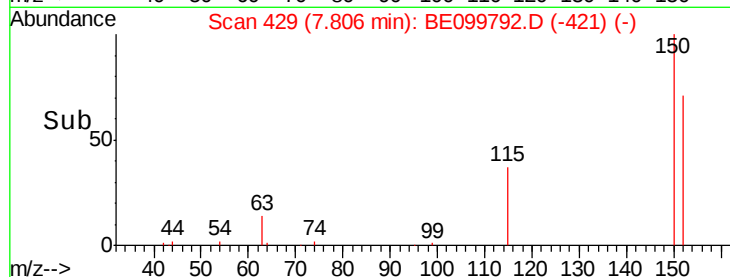
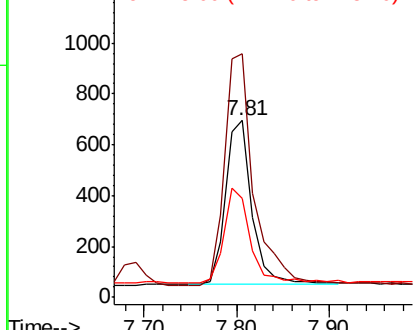
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099792.D
Acq: 4 Jun 2019 9:04

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 1272
Ion Ratio Lower Upper
152 100
150 138.0 109.2 163.8
115 56.2 43.7 65.5



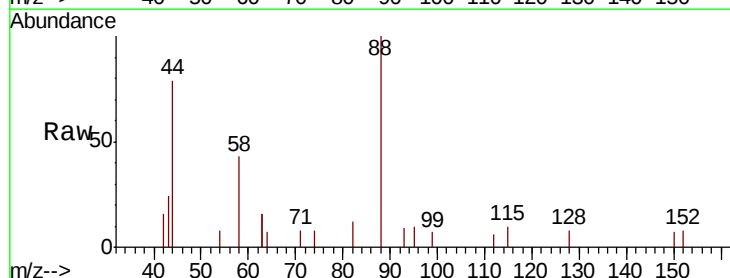
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



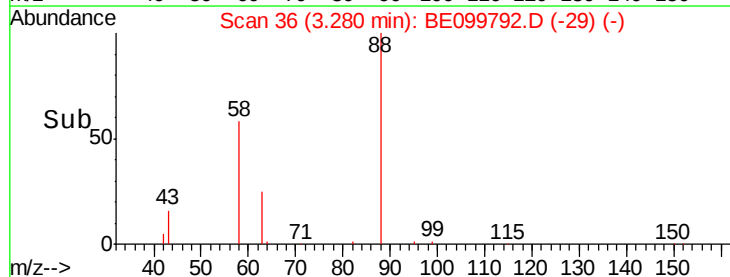
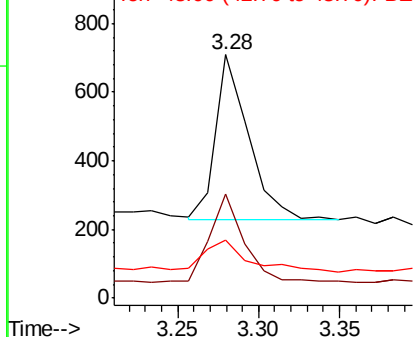
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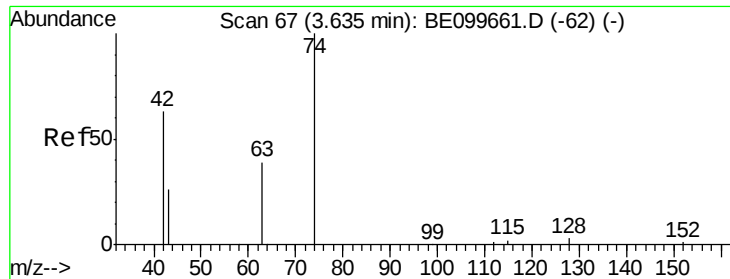
1,4-Dioxane
Concen: 0.359 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.02 min
Lab File: BE099792.D
Acq: 4 Jun 2019 9:04

Tgt Ion: 88 Resp: 675
Ion Ratio Lower Upper
88 100
58 55.1 41.8 62.8
43 30.5 15.0 22.4#



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





#3

n-Nitrosodimethylamine

Concen: 0.319 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :

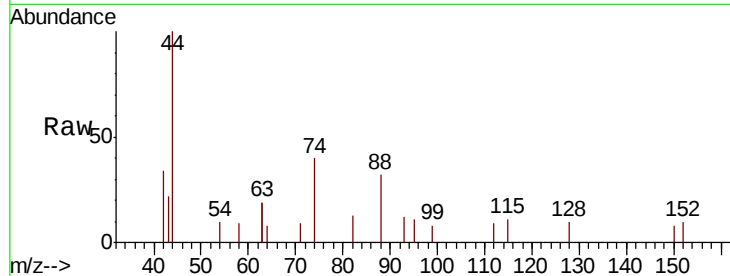
Tot Ion: 42 Resp: 332

Ion Ratio Lower Upper

42 100

74 188.3 129.2 193.8

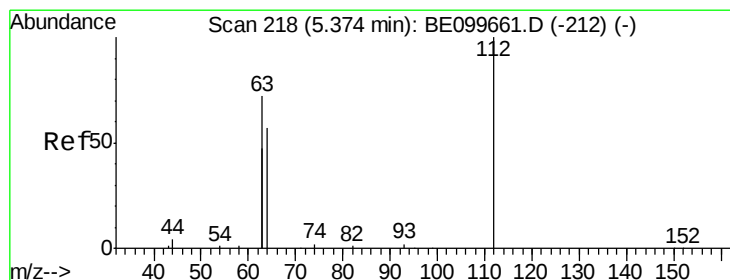
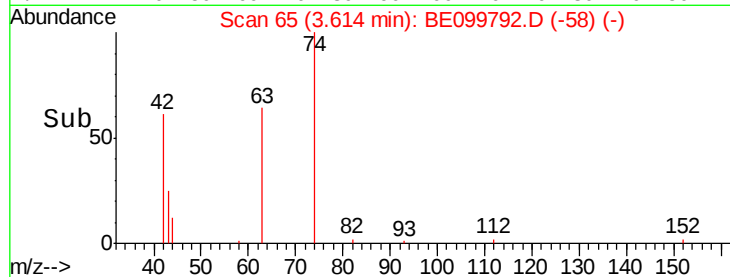
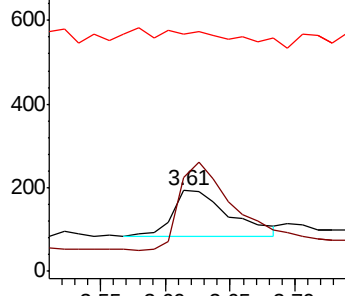
44 0.0 0.0 0.0



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: 0.359 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

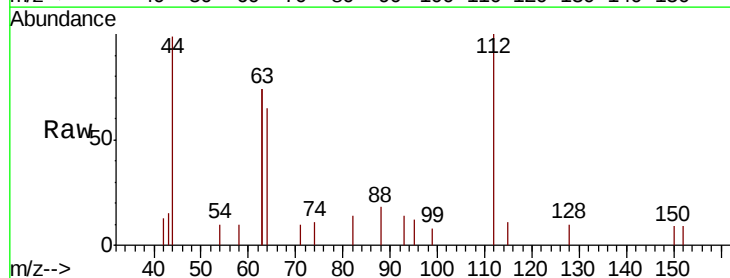
Tgt Ion: 112 Resp: 1154

Ion Ratio Lower Upper

112 100

64 54.0 43.4 65.2

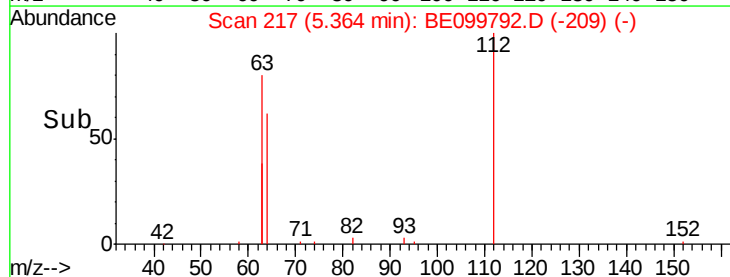
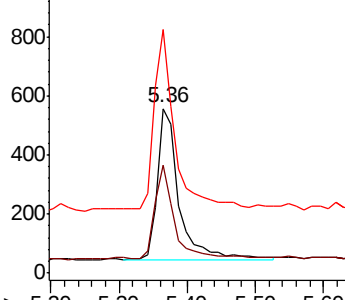
63 111.8 96.9 145.3



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: 0.345 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :

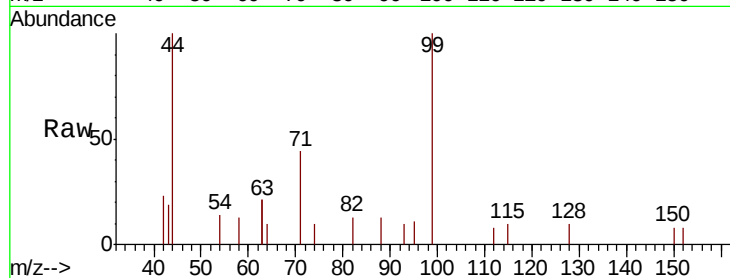
Tot Ion: 99 Resp: 1468

Ion Ratio Lower Upper

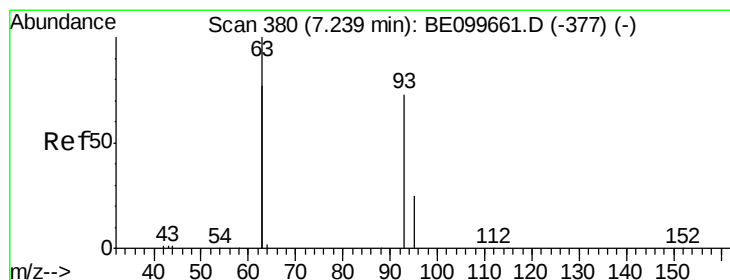
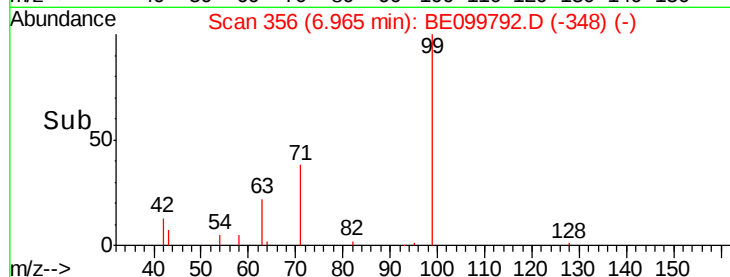
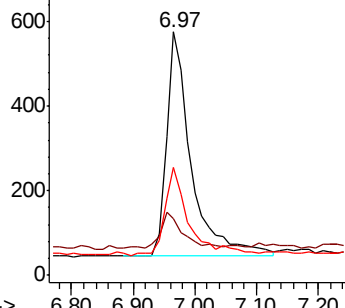
99 100

42 14.6 12.2 18.2

71 38.0 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



#6

bis(2-Chloroethyl)ether

Concen: 0.363 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

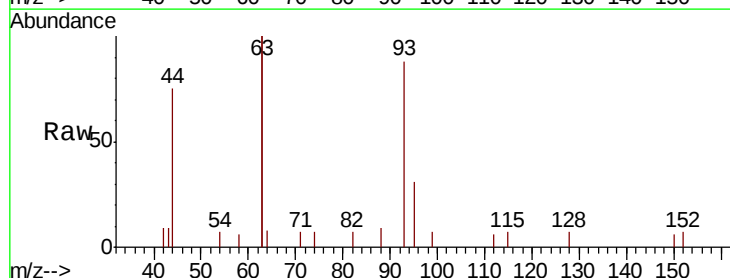
Tgt Ion: 93 Resp: 1372

Ion Ratio Lower Upper

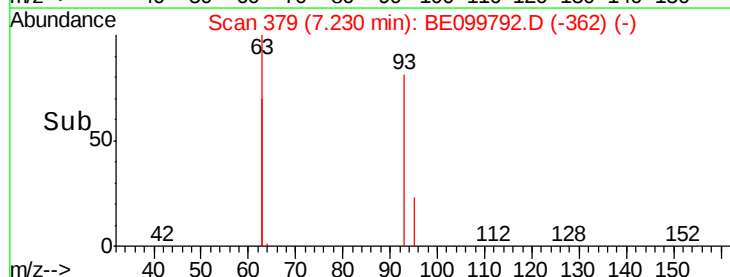
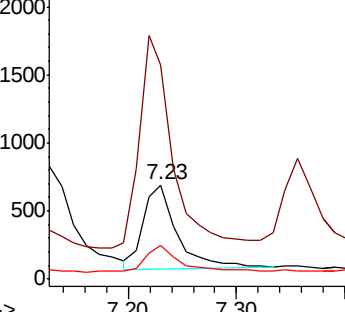
93 100

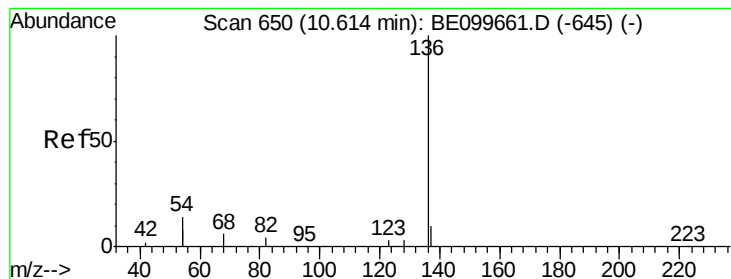
63 244.9 207.8 311.6

95 33.7 25.9 38.9



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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4721

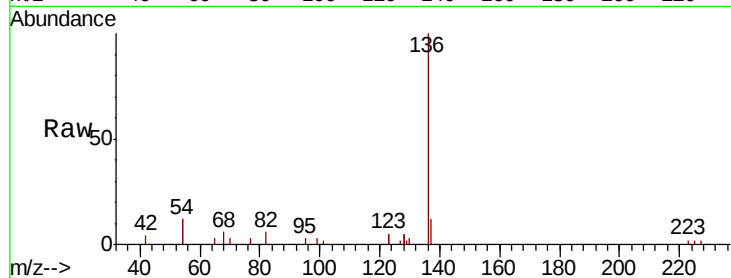
Ion Ratio Lower Upper

136 100

137 12.3 9.0 13.6

54 23.0 22.3 33.5

68 6.1 6.0 9.0

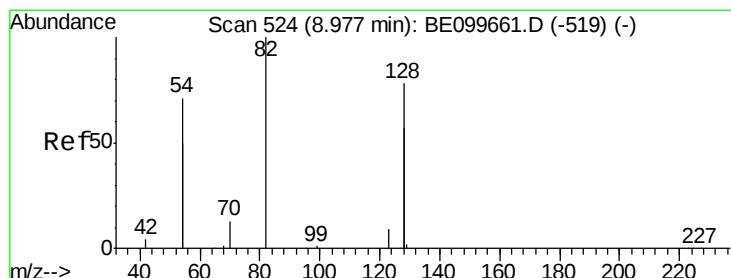
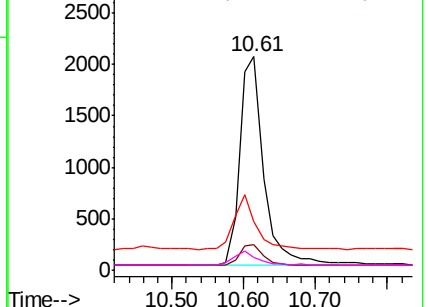
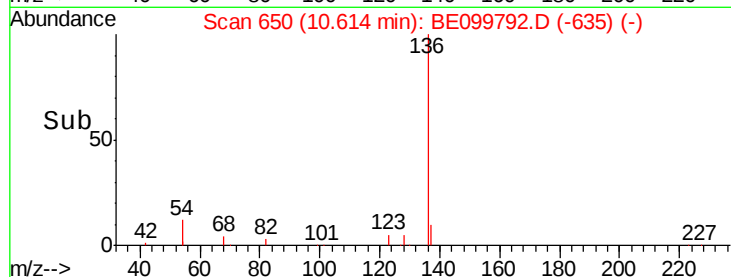


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

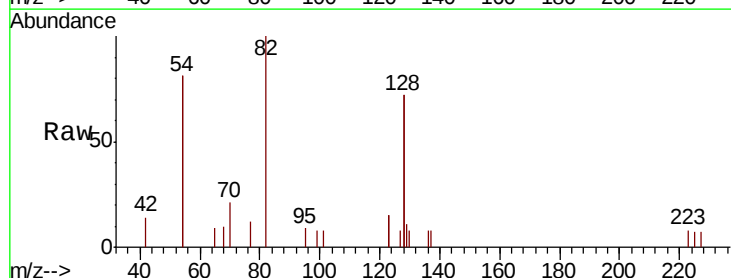
Tgt Ion: 82 Resp: 1383

Ion Ratio Lower Upper

82 100

128 144.3 117.7 176.5

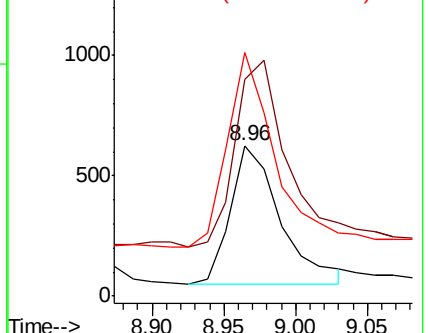
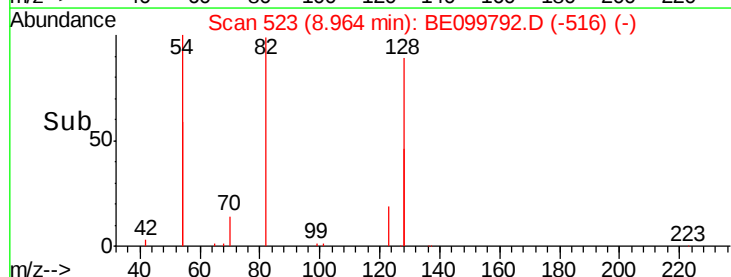
54 161.9 106.6 160.0#

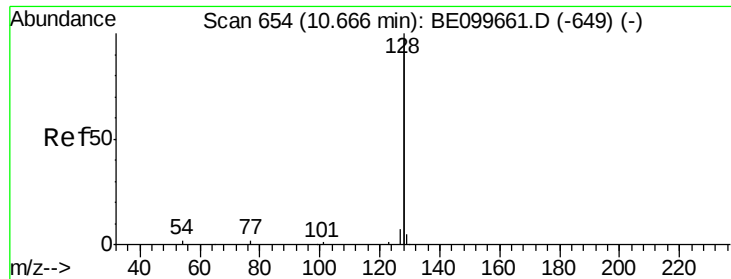


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.359 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampled :

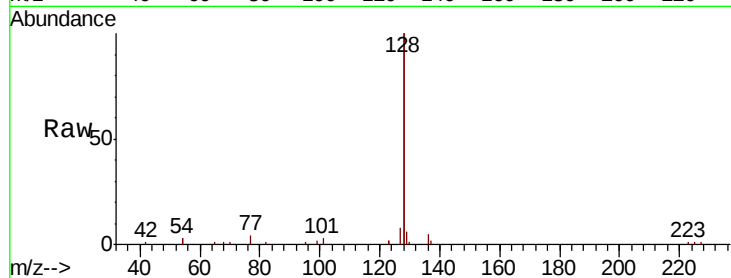
Tot Ion:128 Resp: 18108

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

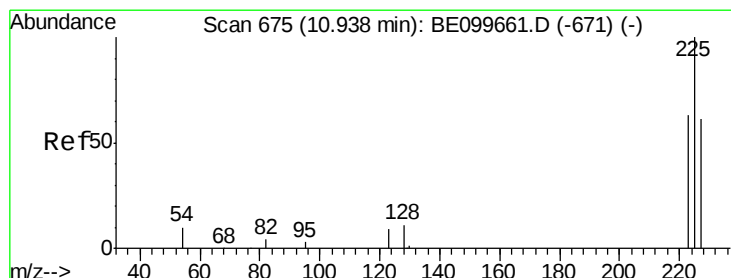
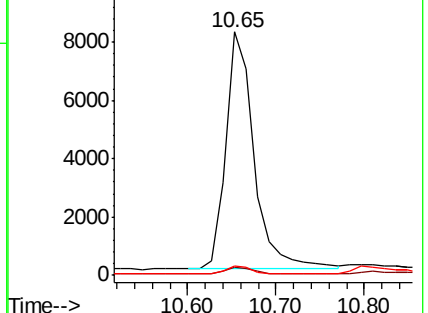
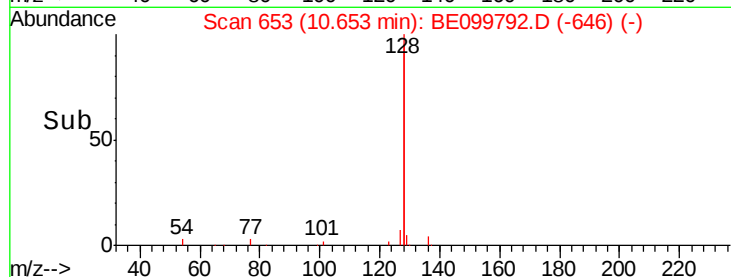
127 3.9 2.9 4.3



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: 0.365 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

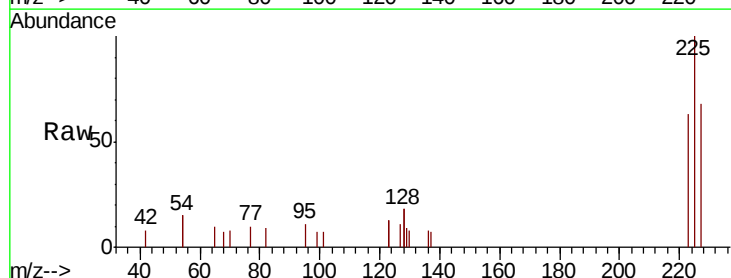
Tgt Ion:225 Resp: 1357

Ion Ratio Lower Upper

225 100

223 63.4 51.8 77.6

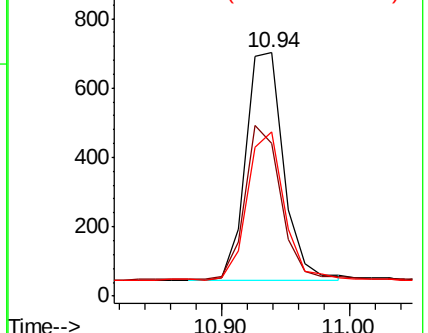
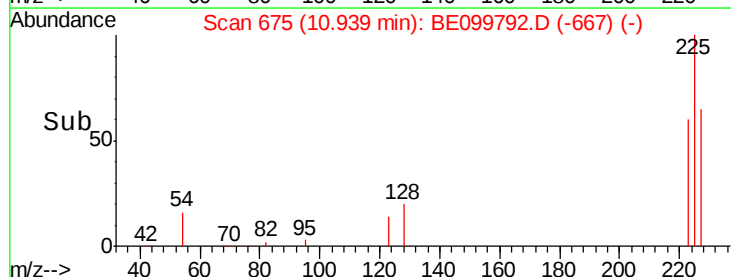
227 62.4 52.6 79.0

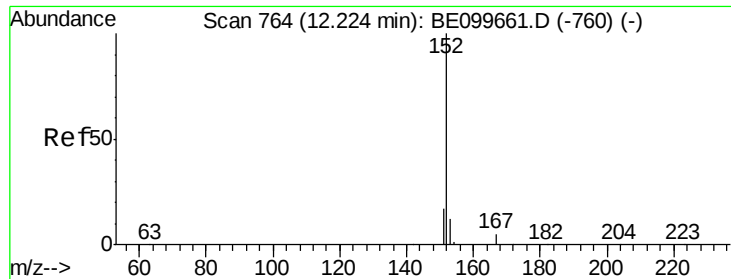


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

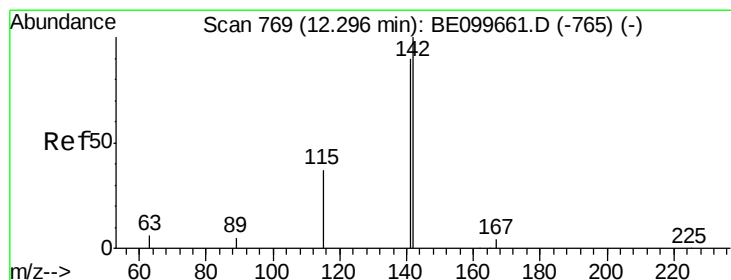
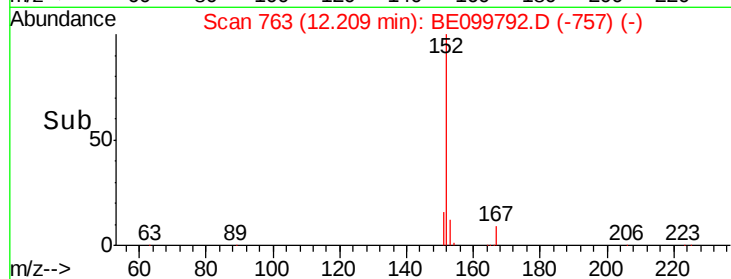
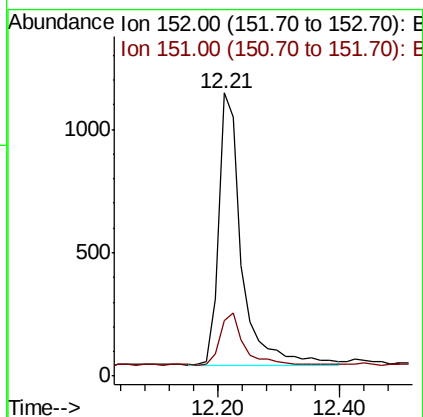
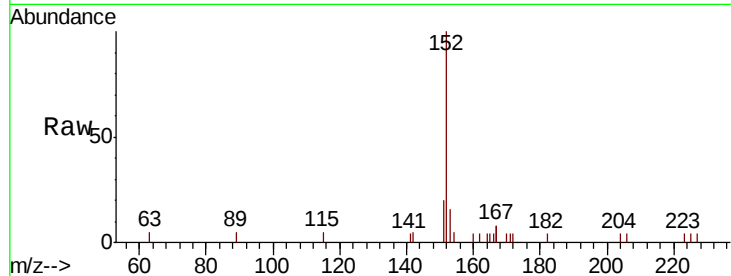




#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099792.D
 Acq: 4 Jun 2019 9:04

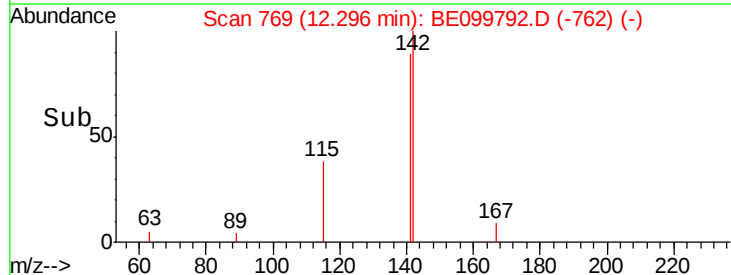
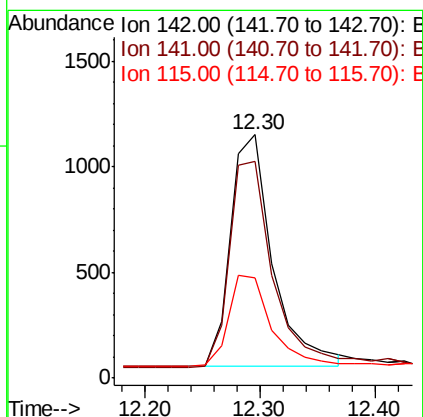
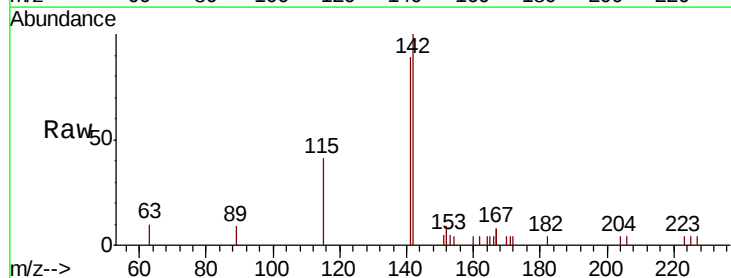
Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 2908
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.340 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099792.D
 Acq: 4 Jun 2019 9:04

Tgt Ion:142 Resp: 2798
 Ion Ratio Lower Upper
 142 100
 141 89.2 72.0 108.0
 115 41.0 31.0 46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampled :

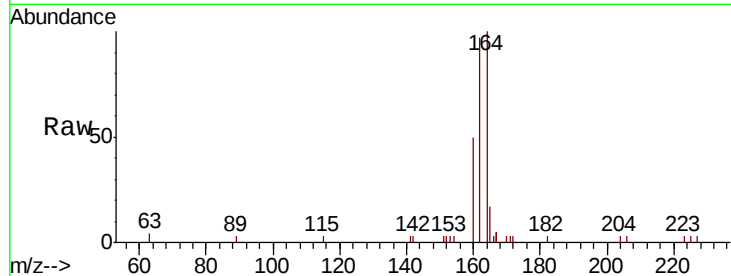
Tot Ion:164 Resp: 3414

Ion Ratio Lower Upper

164 100

162 96.8 76.5 114.7

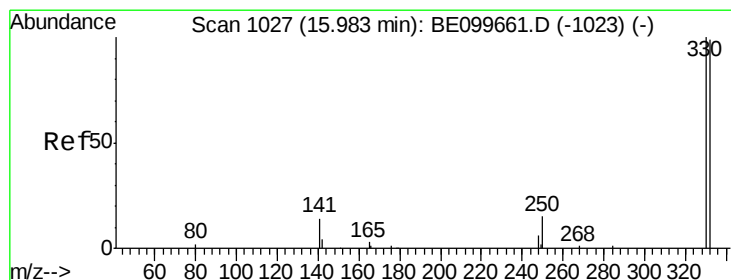
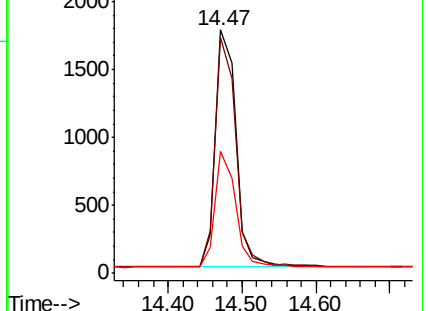
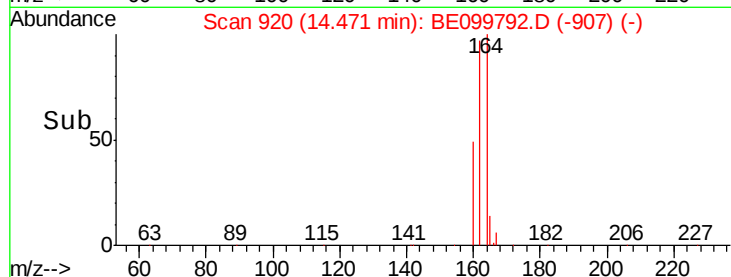
160 49.9 37.4 56.2



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: 0.384 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

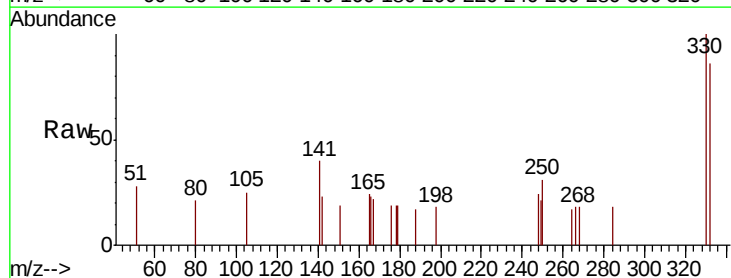
Tgt Ion:330 Resp: 656

Ion Ratio Lower Upper

330 100

332 104.3 77.3 115.9

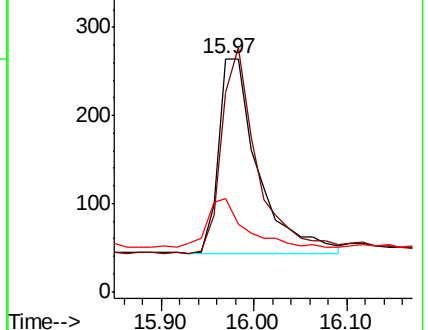
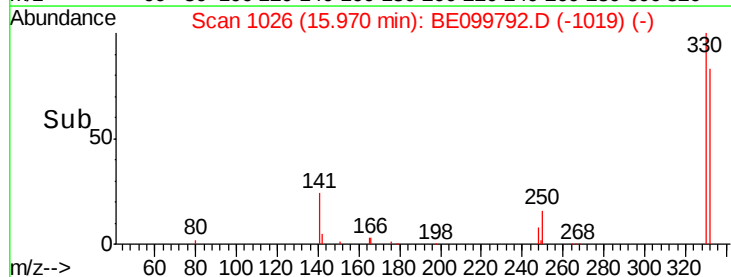
141 24.1 18.9 28.3



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

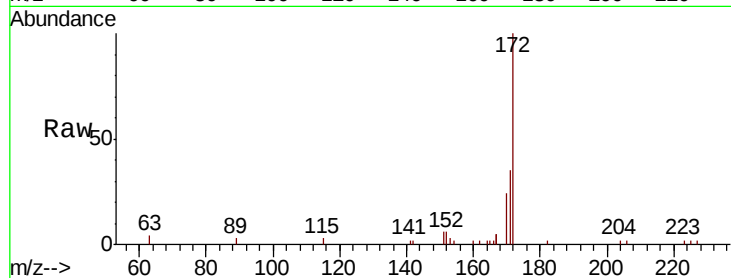




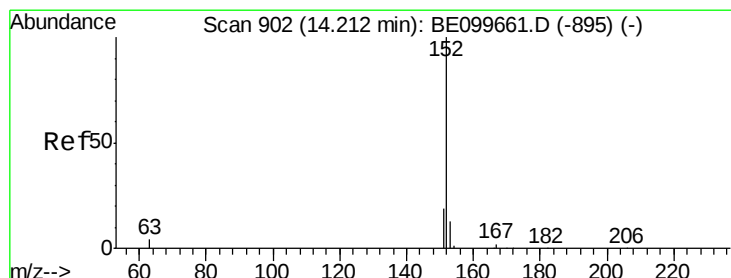
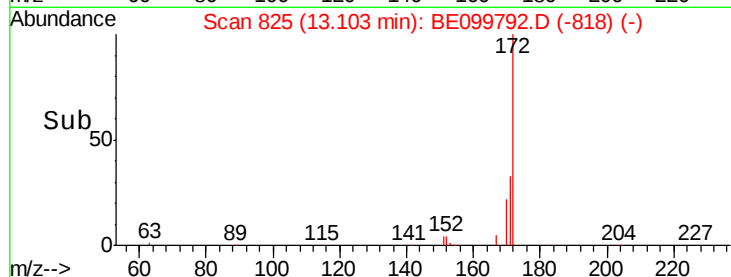
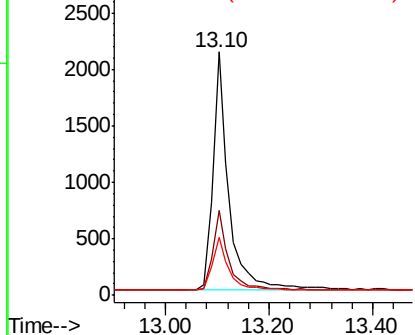
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099792.D
Acq: 4 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4597
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.8 20.9 31.3

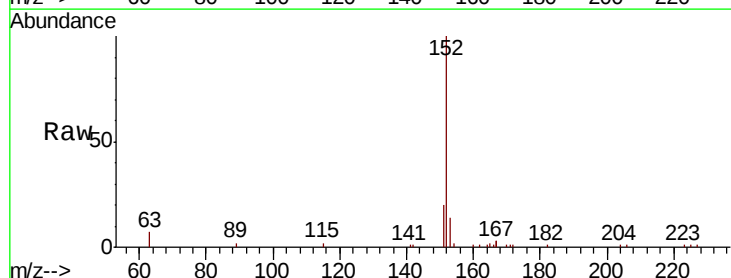


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

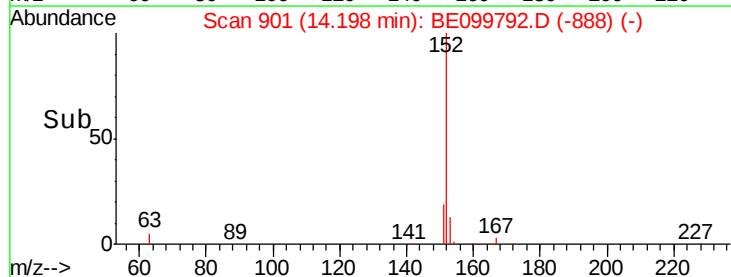
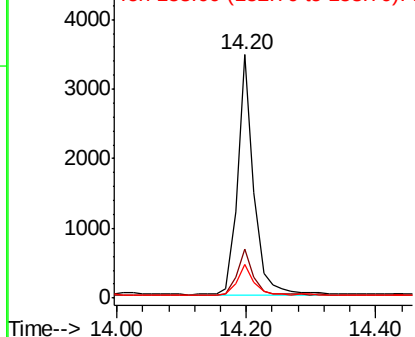


#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099792.D
Acq: 4 Jun 2019 9:04

Tgt Ion:152 Resp: 5948
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.8 10.6 16.0



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

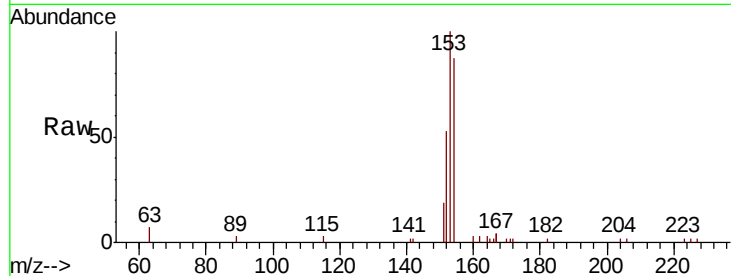




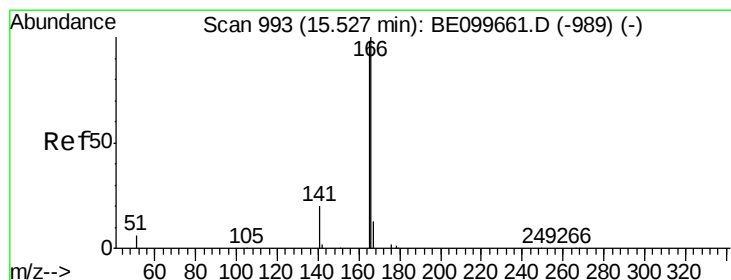
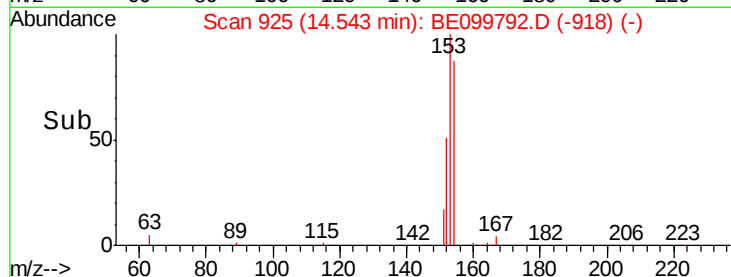
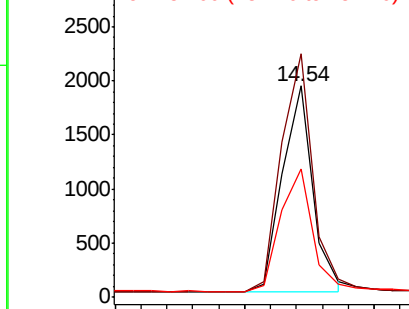
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099792.D
Acq: 4 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3130
Ion Ratio Lower Upper
154 100
153 119.4 91.8 137.6
152 62.0 46.0 69.0

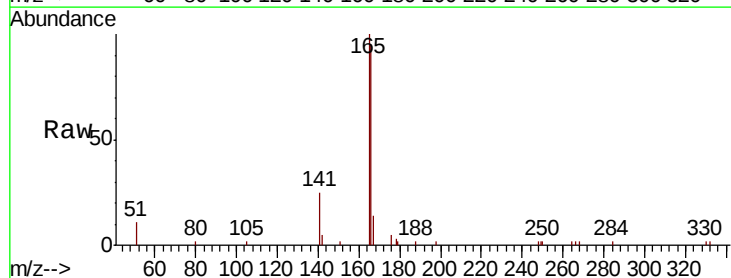


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

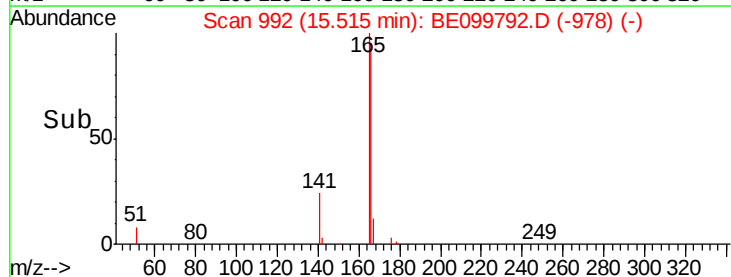
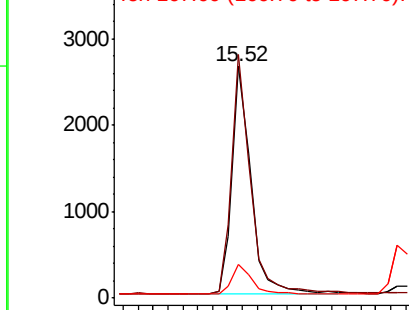


#18
Fluorene
Concen: 0.356 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099792.D
Acq: 4 Jun 2019 9:04

Tgt Ion:166 Resp: 4689
Ion Ratio Lower Upper
166 100
165 104.0 80.3 120.5
167 13.8 10.6 16.0



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

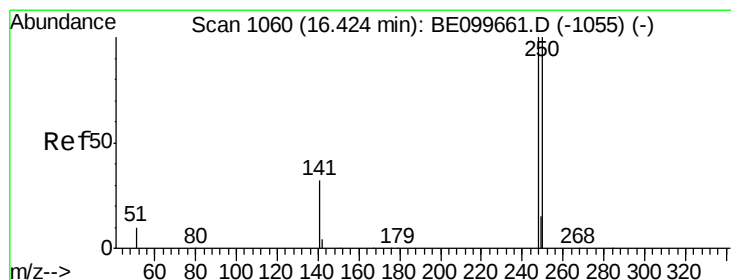
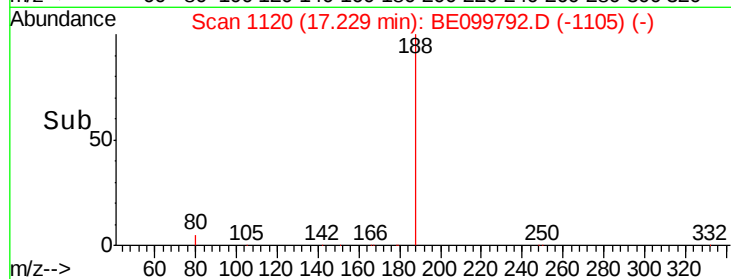
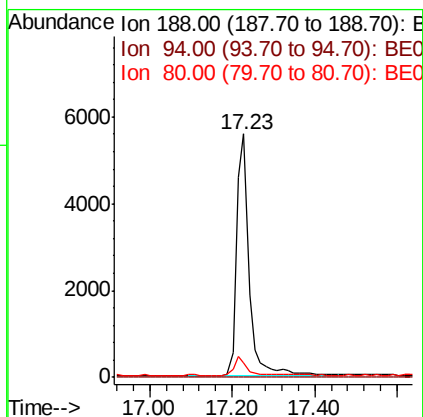
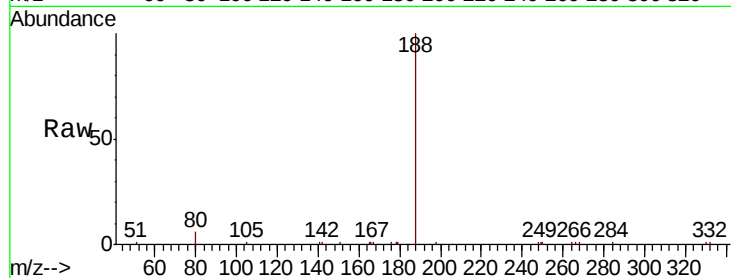




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099792.D
 Acq: 4 Jun 2019 9:04

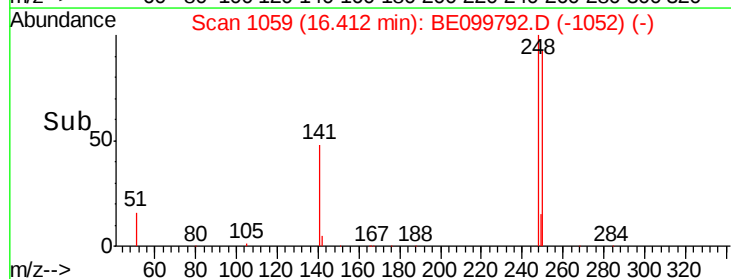
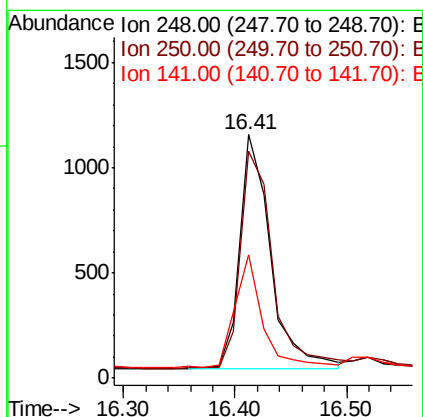
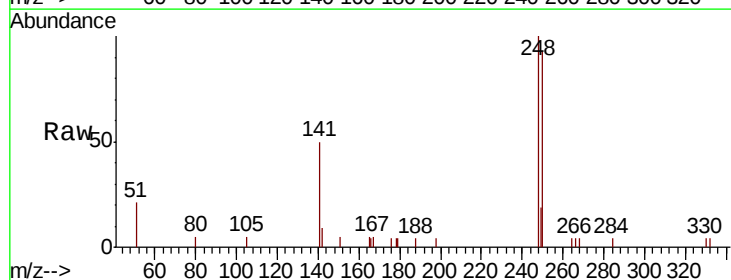
Instrument :
 BNA_E
 ClientSampleId :

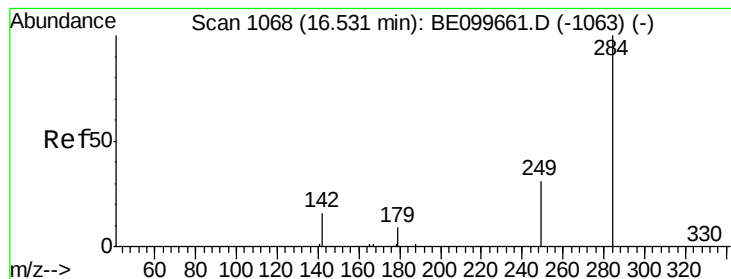
Tot Ion:188 Resp: 11581
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.1 6.7 10.1#



#20
 4-Bromophenyl-phenylether
 Concen: 0.319 ng
 RT: 16.41 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BE099792.D
 Acq: 4 Jun 2019 9:04

Tgt Ion:248 Resp: 2130
 Ion Ratio Lower Upper
 248 100
 250 93.1 79.8 119.8
 141 50.4 27.0 40.6#





#21

Hexachlorobenzene

Concen: 0.361 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :

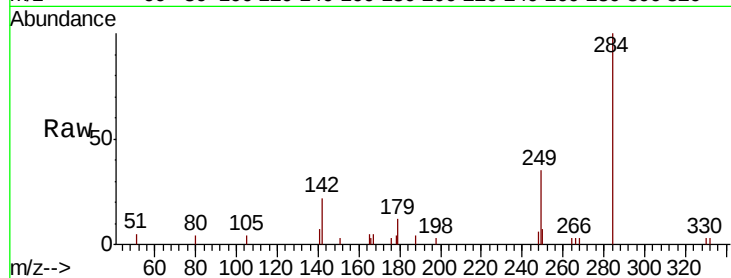
Tot Ion:284 Resp: 2464

Ion Ratio Lower Upper

284 100

142 21.6 17.8 26.6

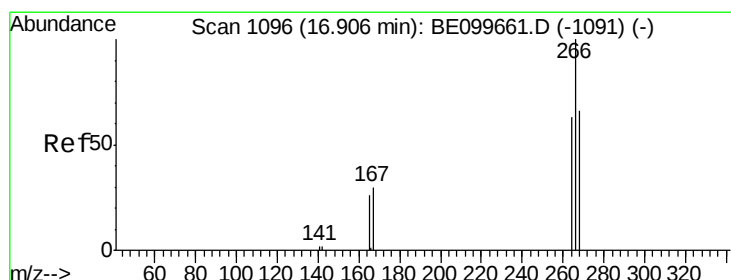
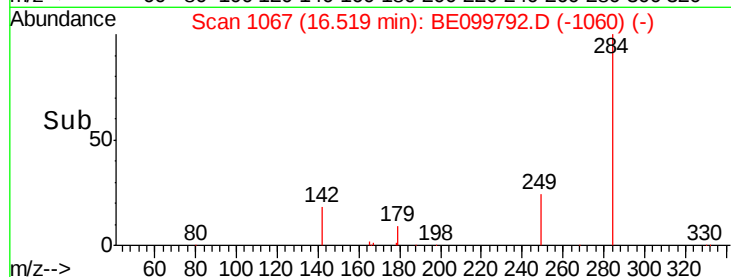
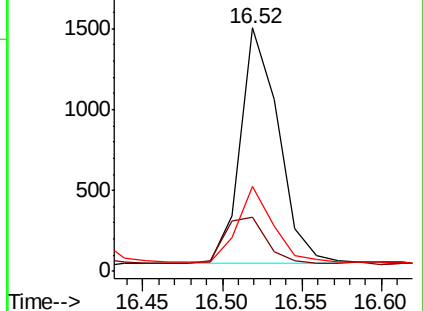
249 29.5 24.8 37.2



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: 0.366 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

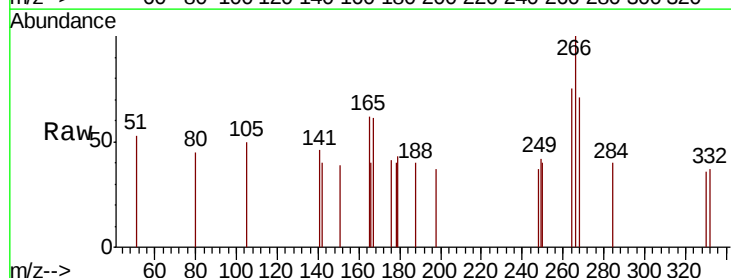
Tgt Ion:266 Resp: 387

Ion Ratio Lower Upper

266 100

264 74.8 57.2 85.8

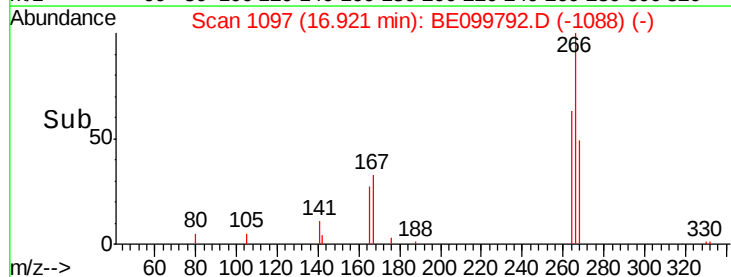
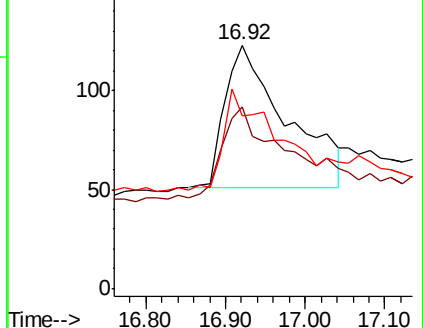
268 70.7 60.5 90.7



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





#23

Phenanthrene

Concen: 0.349 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :

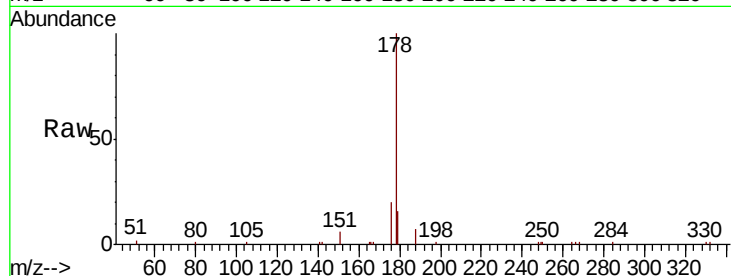
Tot Ion:178 Resp: 9865

Ion Ratio Lower Upper

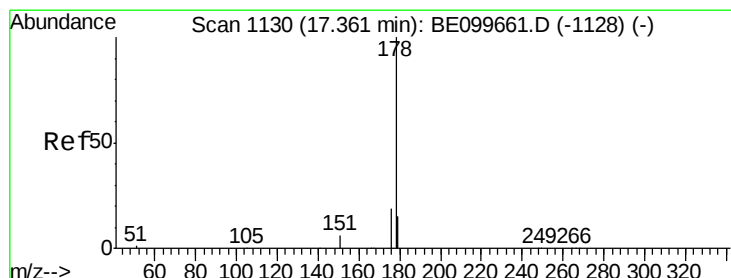
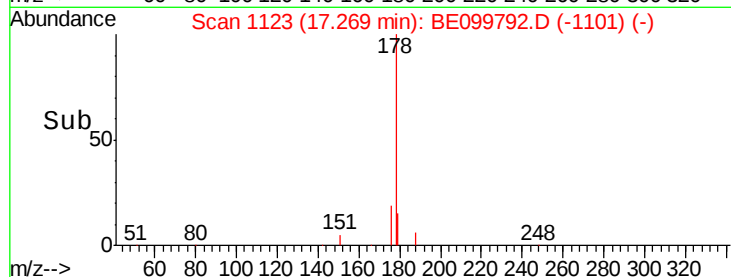
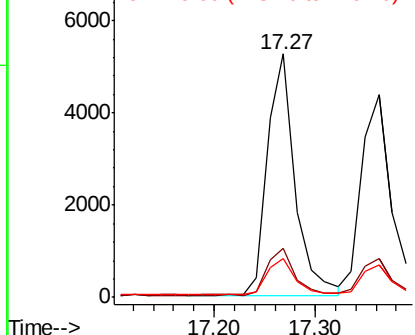
178 100

176 19.5 15.6 23.4

179 15.5 12.2 18.4



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: 0.331 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

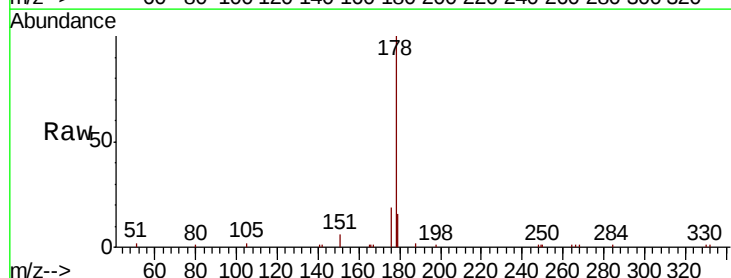
Tgt Ion:178 Resp: 8505

Ion Ratio Lower Upper

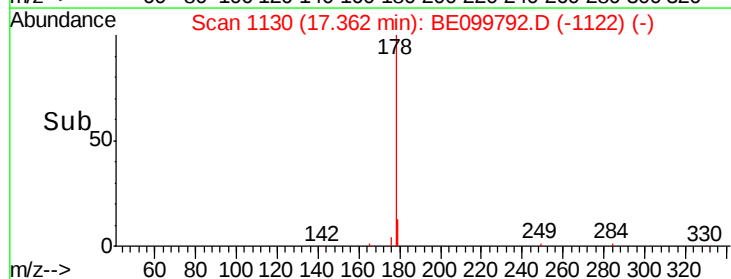
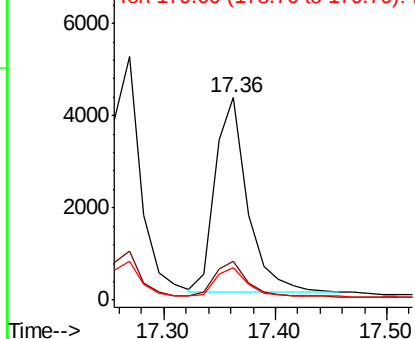
178 100

176 18.3 14.7 22.1

179 14.5 12.0 18.0



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: 0.383 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampled :

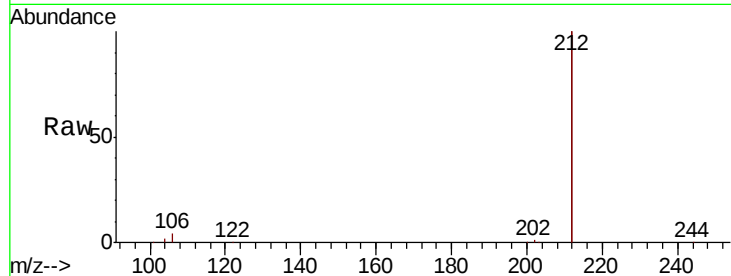
Tot Ion:212 Resp: 60593

Ion Ratio Lower Upper

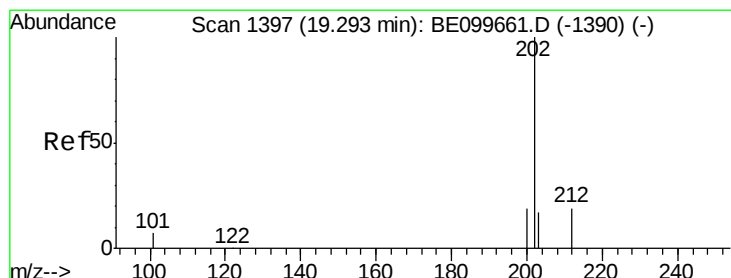
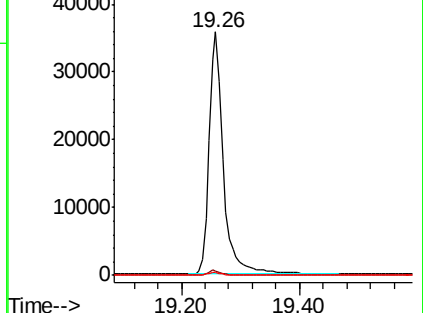
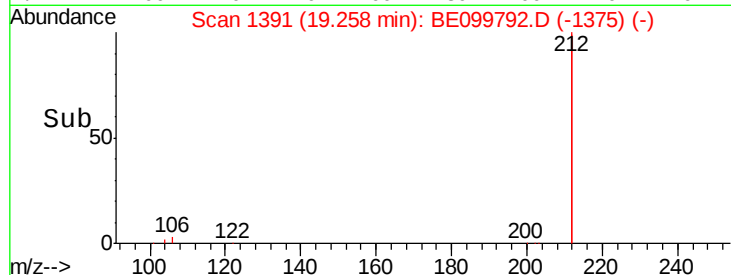
212 100

106 1.8 1.4 2.2

104 1.0 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.389 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

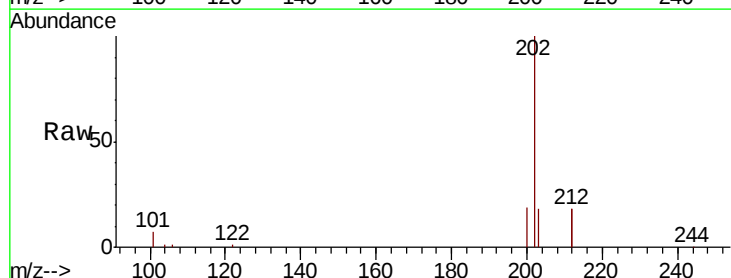
Tgt Ion:202 Resp: 17416

Ion Ratio Lower Upper

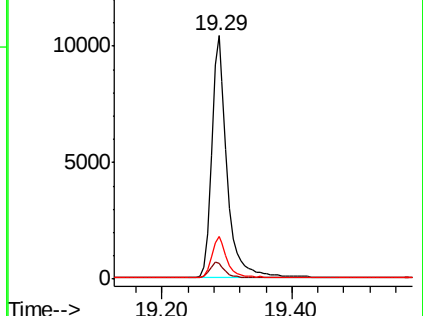
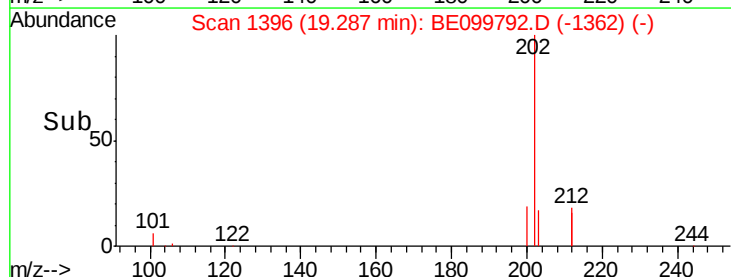
202 100

101 6.8 5.2 7.8

203 16.9 13.8 20.6



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

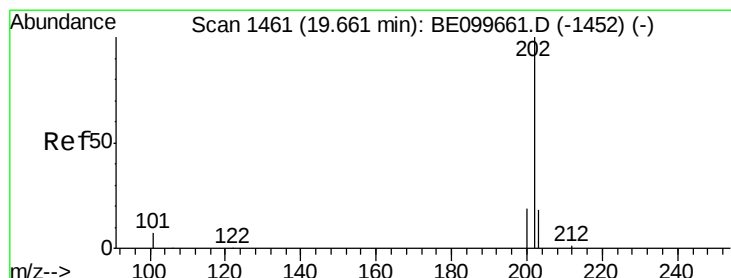
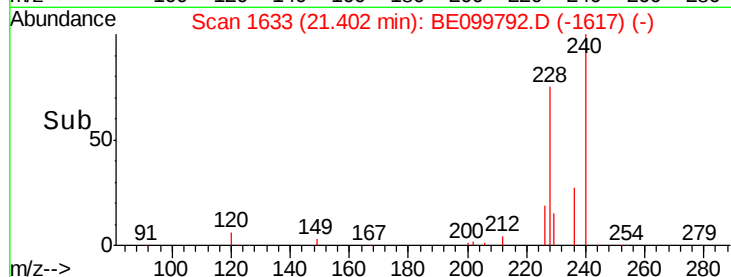
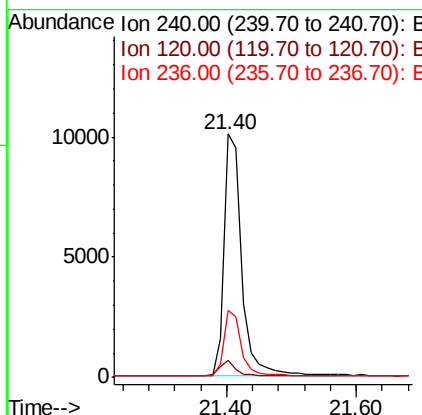
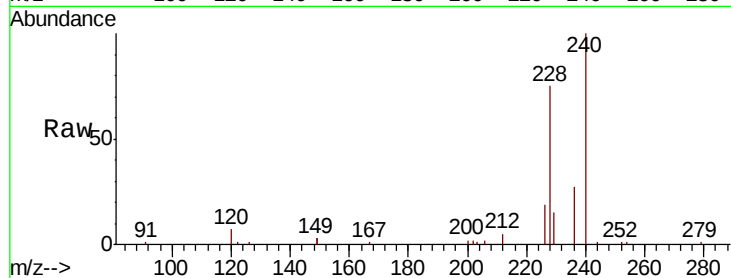




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099792.D
 Acq: 4 Jun 2019 9:04

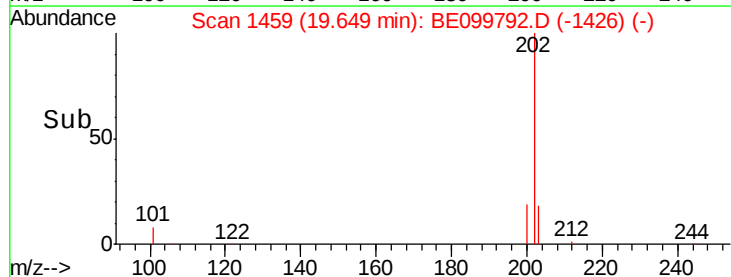
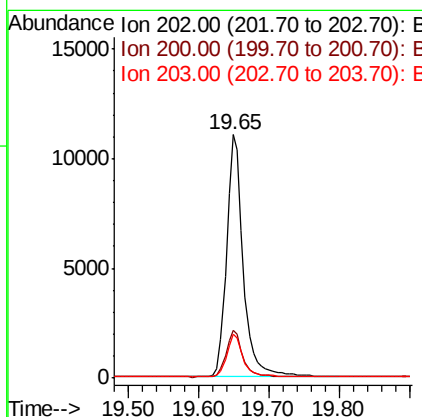
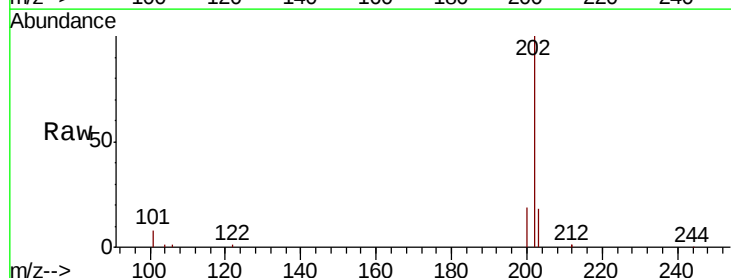
Instrument :
 BNA_E
 ClientSampleId :

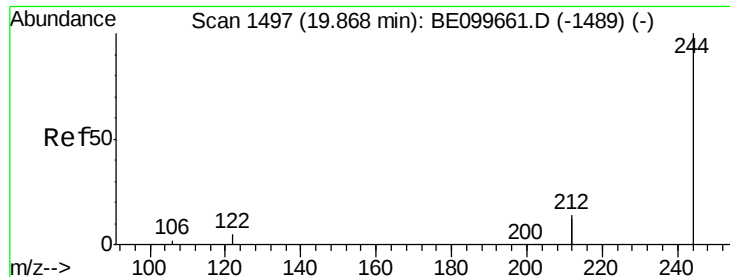
Tot Ion:240 Resp: 19610
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.4 8.0
 236 27.3 21.7 32.5



#28
 Pyrene
 Concen: 0.371 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BE099792.D
 Acq: 4 Jun 2019 9:04

Tgt Ion:202 Resp: 18284
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.4 23.2
 203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.351 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampled :

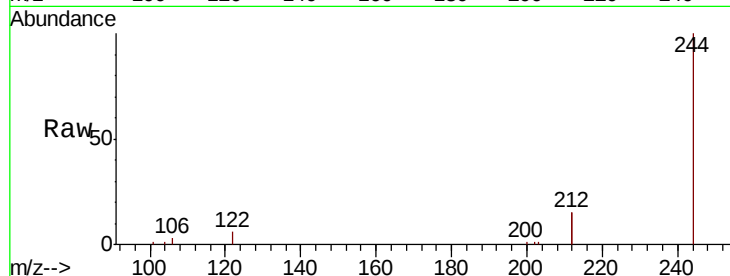
Tot Ion:244 Resp: 12299

Ion Ratio Lower Upper

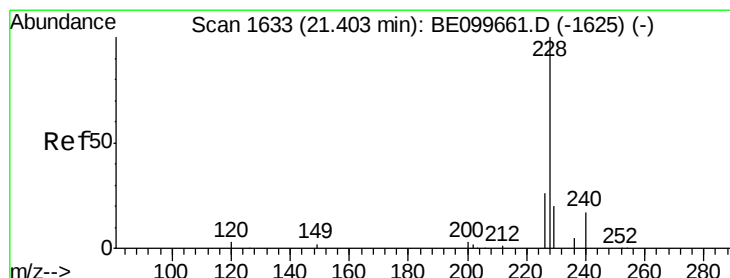
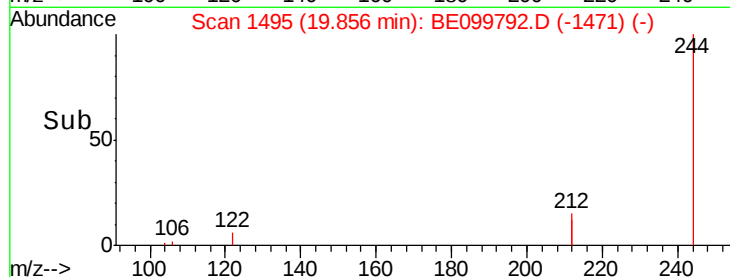
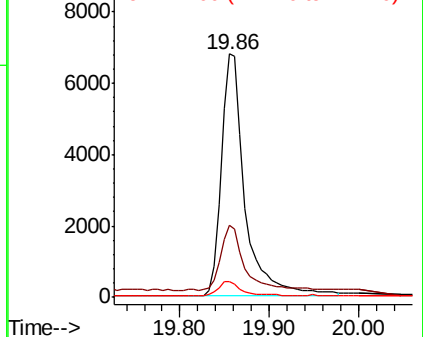
244 100

212 29.8 22.5 33.7

122 6.4 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



#30

Benzo(a)anthracene

Concen: 0.372 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

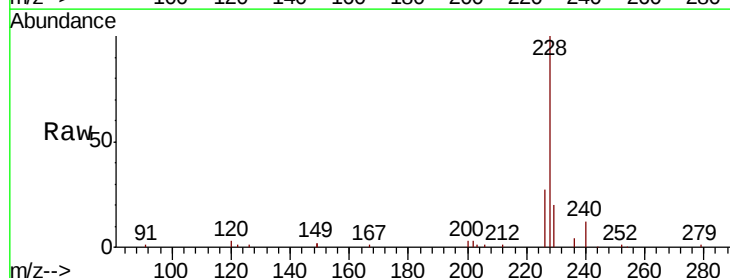
Tgt Ion:228 Resp: 20736

Ion Ratio Lower Upper

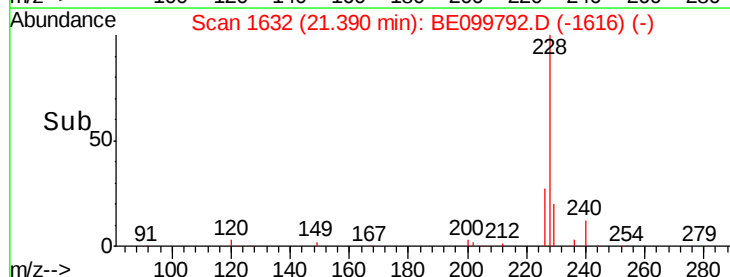
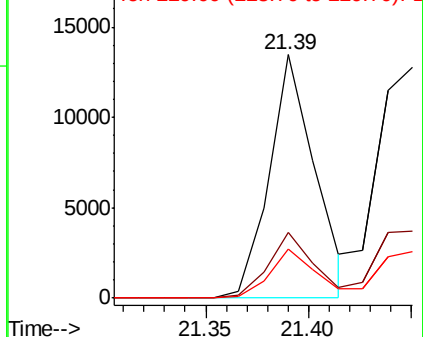
228 100

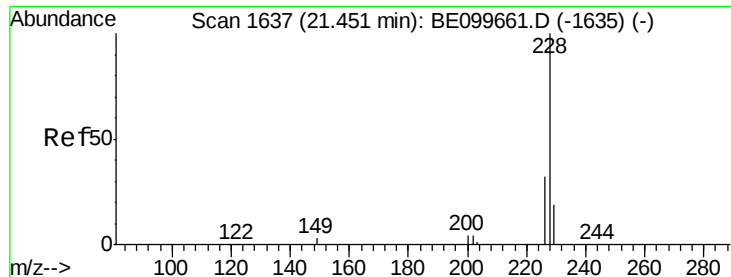
226 27.0 21.3 31.9

229 19.9 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





#31

Chrysene

Concen: 0.394 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :

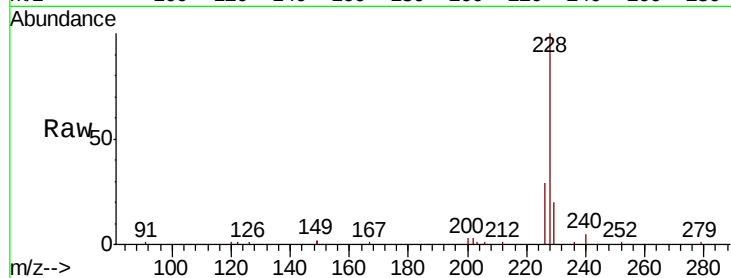
Tot Ion:228 Resp: 23472

Ion Ratio Lower Upper

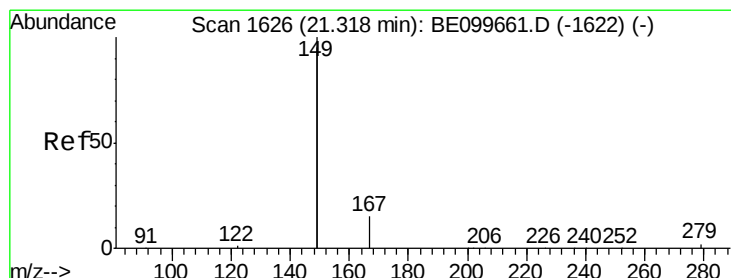
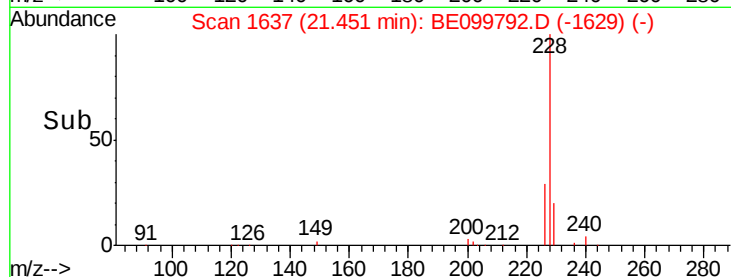
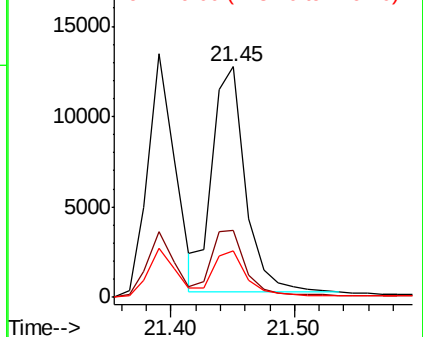
228 100

226 29.3 24.7 37.1

229 20.3 15.8 23.6



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: 0.362 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

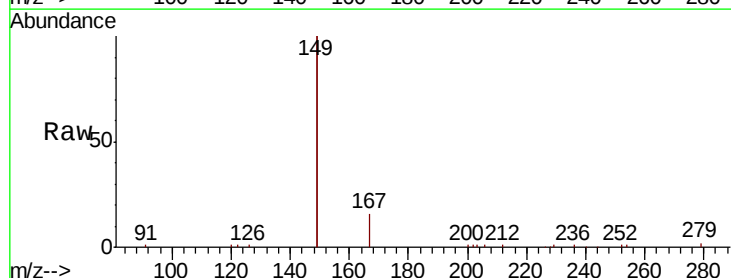
Tgt Ion:149 Resp: 23240

Ion Ratio Lower Upper

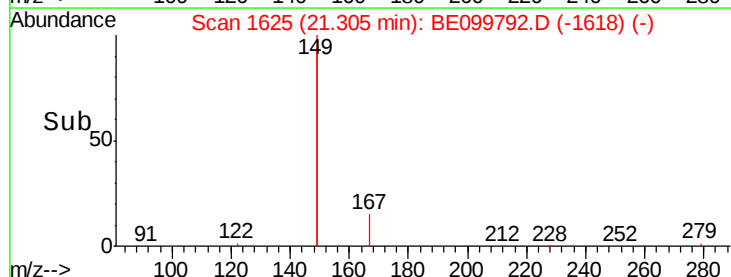
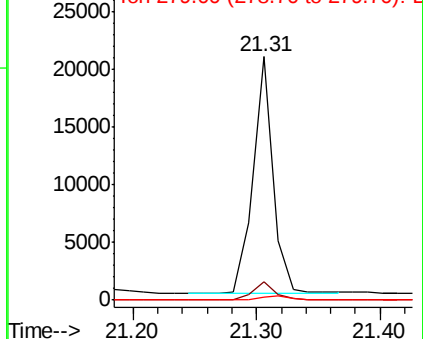
149 100

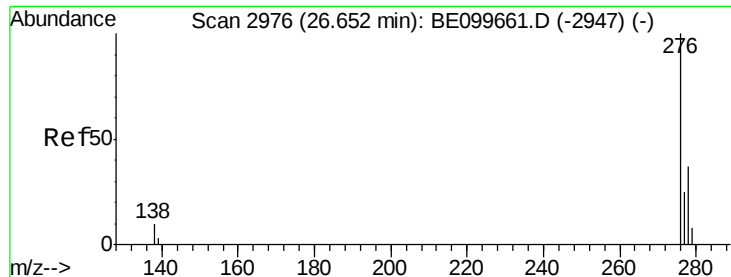
167 7.7 6.2 9.4

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

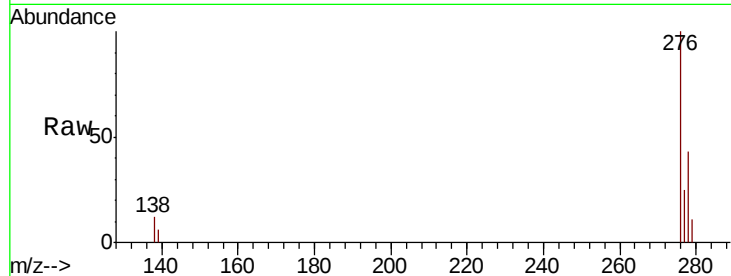




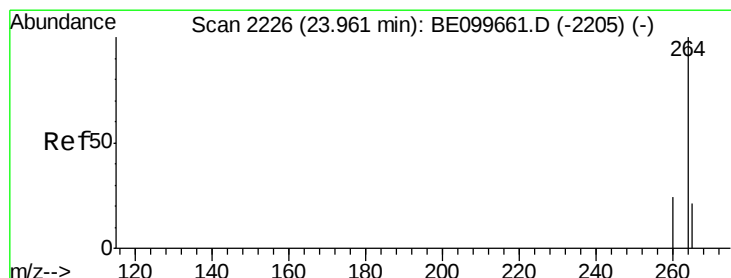
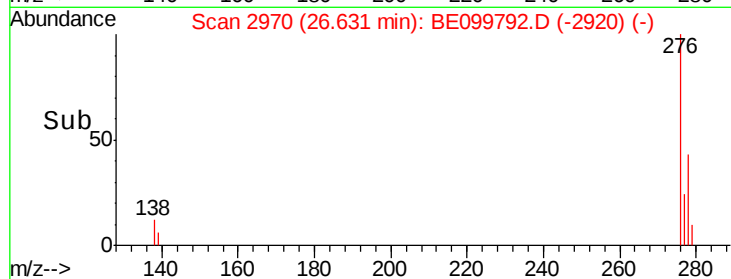
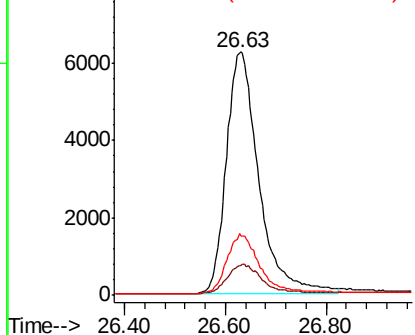
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.63 min Scan# 2970
Delta R.T. -0.02 min
Lab File: BE099792.D
Acq: 4 Jun 2019 9:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 28035
Ion Ratio Lower Upper
276 100
138 12.3 9.6 14.4
277 24.0 19.2 28.8

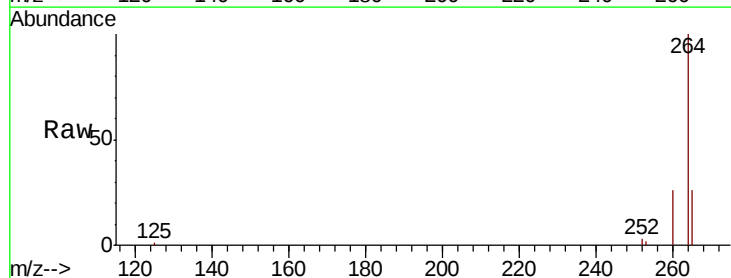


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

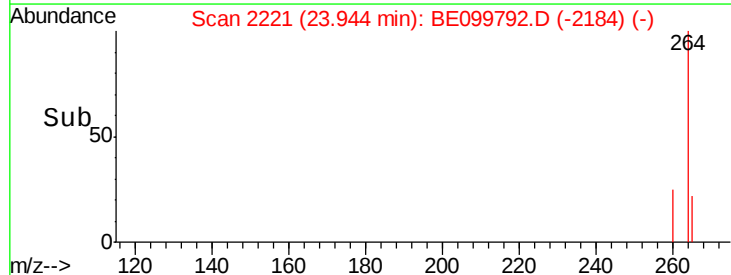
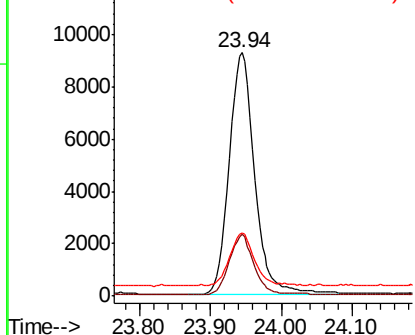


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BE099792.D
Acq: 4 Jun 2019 9:04

Tgt Ion:264 Resp: 23104
Ion Ratio Lower Upper
264 100
260 25.6 19.6 29.4
265 25.8 19.1 28.7



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: 0.373 ng

RT: 23.21 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :

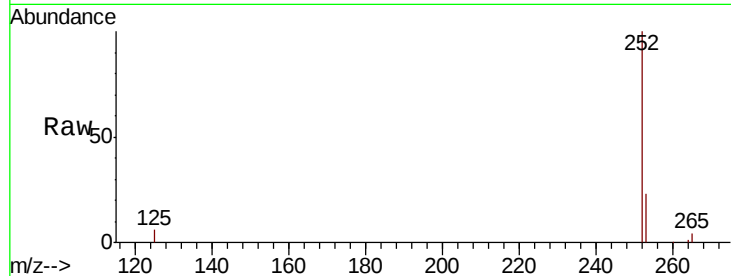
Tot Ion:252 Resp: 23592

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

125 5.6 4.5 6.7

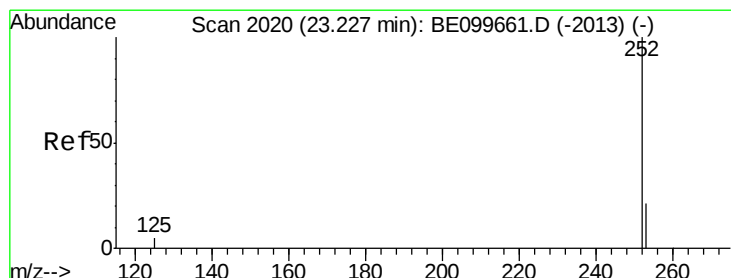
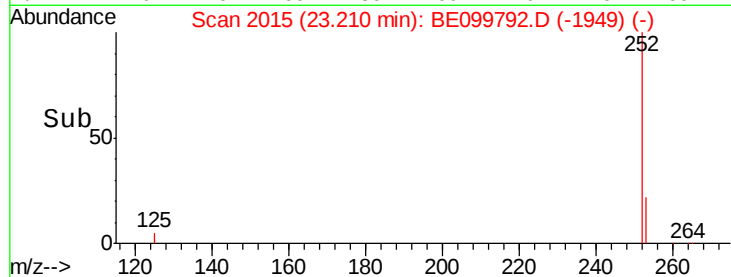
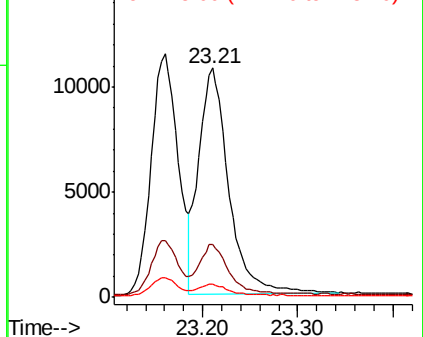


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.360 ng

RT: 23.21 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

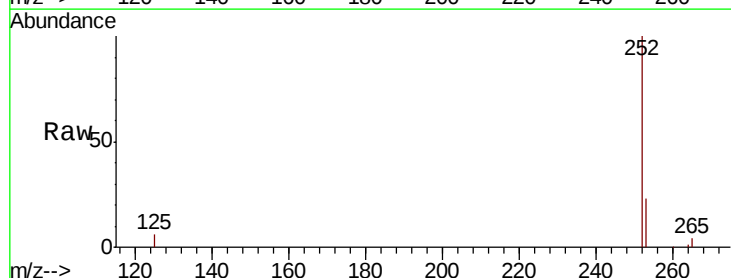
Tgt Ion:252 Resp: 23789

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 5.6 4.6 6.8

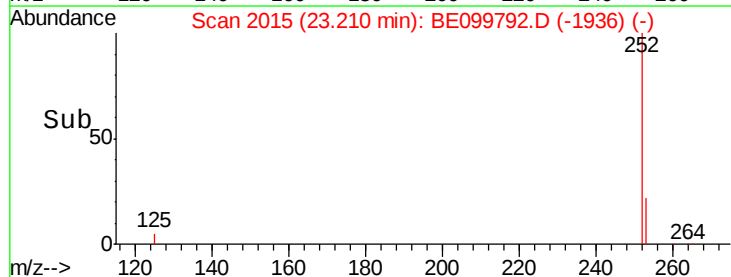
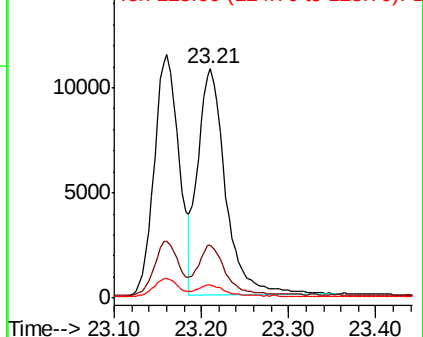


Abundance

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





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :

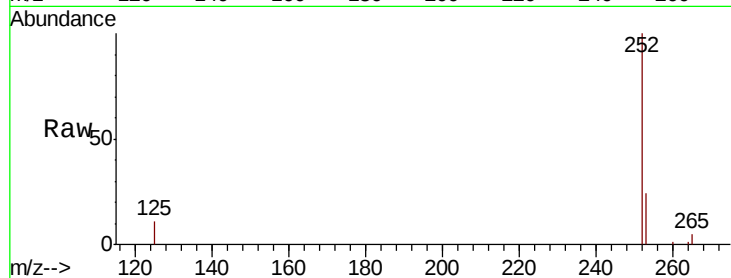
Tot Ion:252 Resp: 22062

Ion Ratio Lower Upper

252 100

253 24.2 18.9 28.3

125 10.8 5.4 8.0#

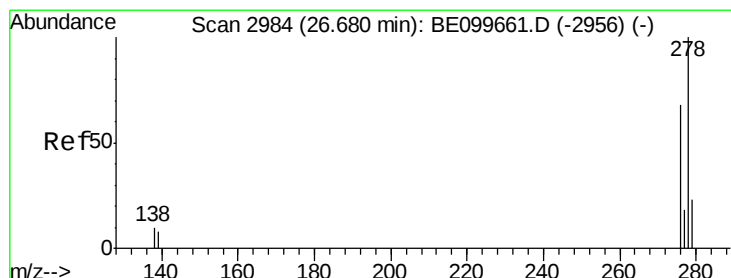
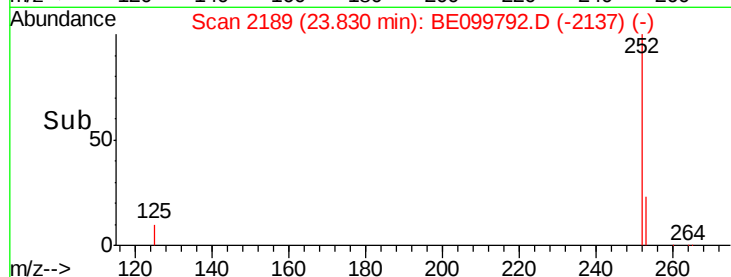
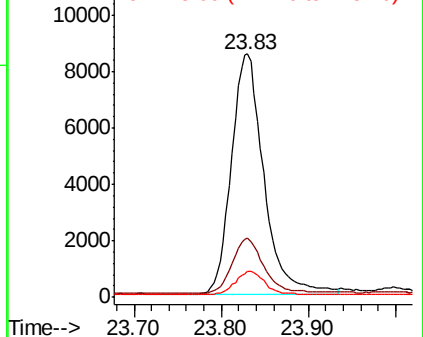


Abundance

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: 0.352 ng

RT: 26.66 min Scan# 2978

Delta R.T. -0.02 min

Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

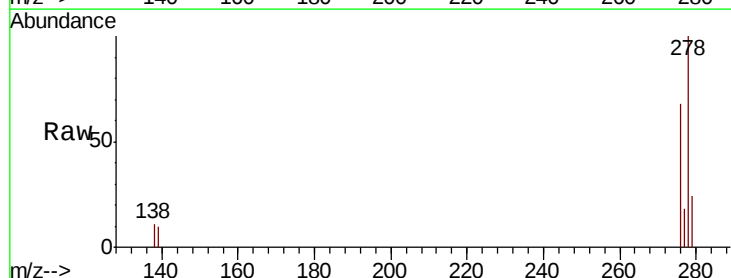
Tgt Ion:278 Resp: 22536

Ion Ratio Lower Upper

278 100

139 10.2 6.9 10.3

279 24.2 19.2 28.8

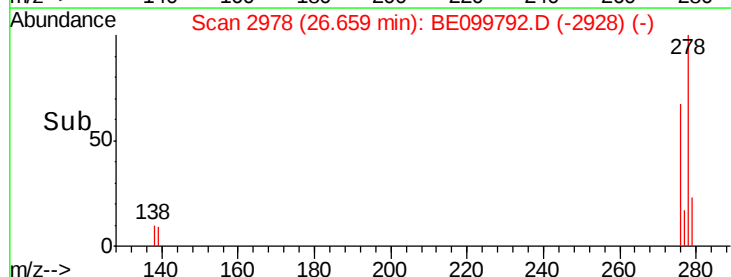
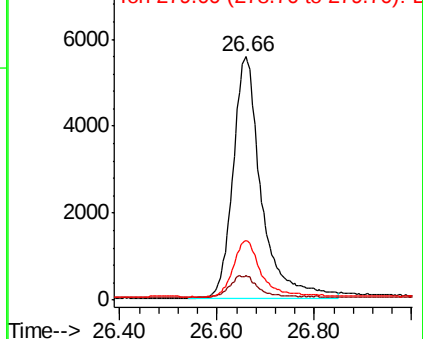


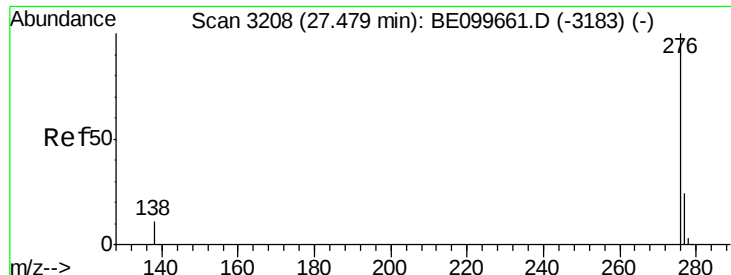
Abundance

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(a,h,i)perylene

Concen: 0.358 ng

RT: 27.45 min Scan# 3200

Delta R.T. -0.03 min

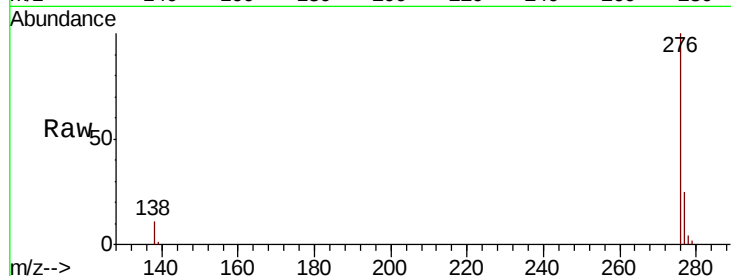
Lab File: BE099792.D

Acq: 4 Jun 2019 9:04

Instrument :

BNA_E

ClientSampleId :



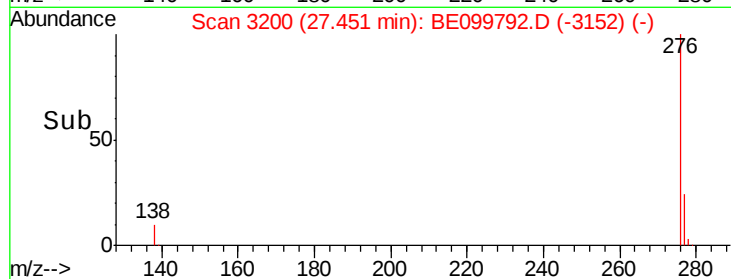
Tot Ion: 276 Resp: 23150

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.6

138 11.3 9.2 13.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

