

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099991.D
 Acq On : 13 Jun 2019 15:59
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 14 03:25:03 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	7.78	152	786	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2869	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2265	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7629	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10082	0.40	ng	0.00
34) Perylene-d12	23.92	264	11709	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	840	0.40	ng	0.00
5) Phenol-d6	6.96	99	1135	0.42	ng	0.00
8) Nitrobenzene-d5	8.96	82	1128	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2184	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	669	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3527	0.41	ng	-0.01
25) Fluoranthene-d10	19.25	212	41891	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	8376	0.46	ng	0.00

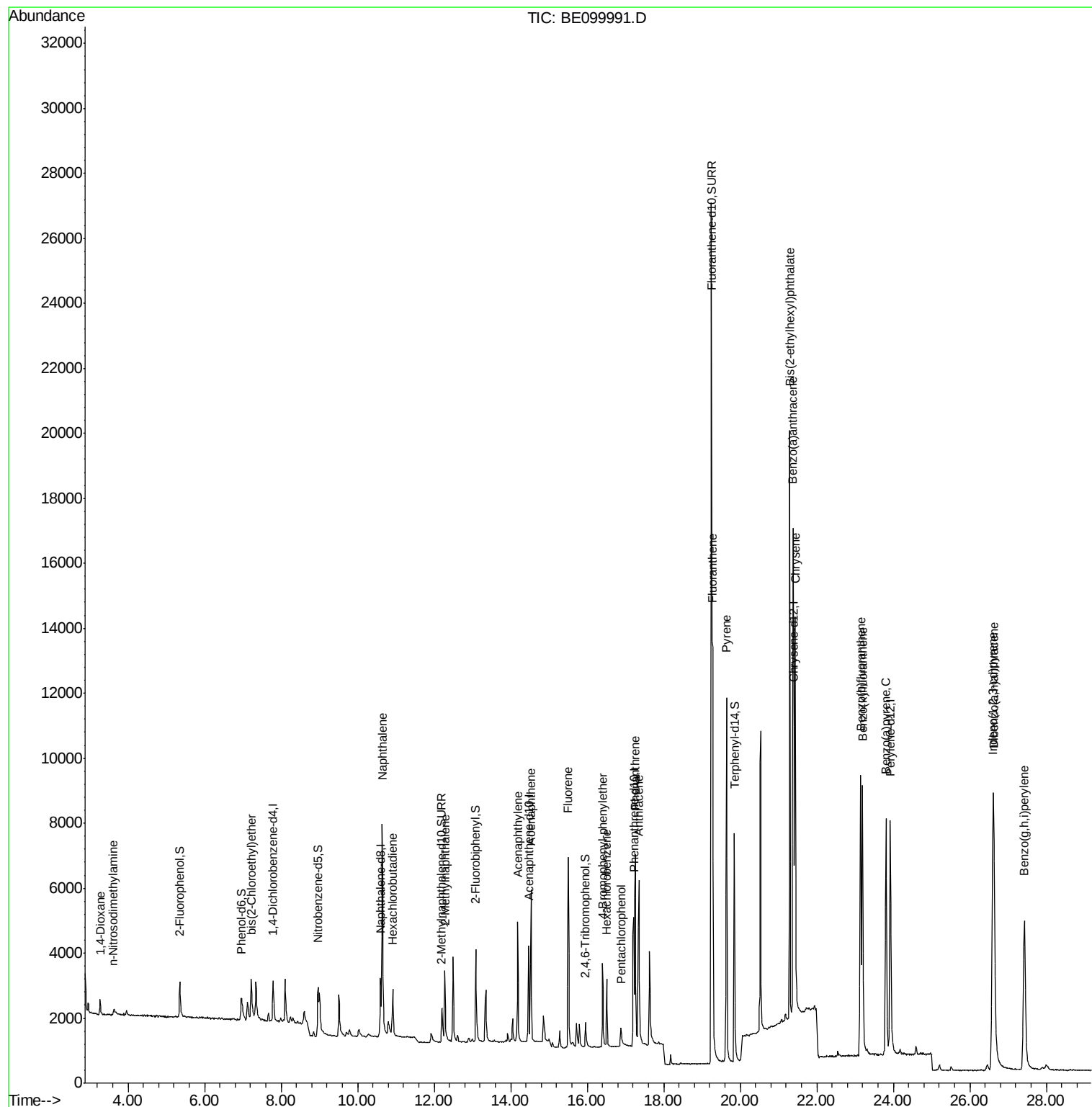
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	399	0.343	ng	97
3) n-Nitrosodimethylamine	3.61	42	149	0.222	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	887	0.397	ng	83
9) Naphthalene	10.64	128	13153	0.425	ng	99
10) Hexachlorobutadiene	10.91	225	1093	0.463	ng	97
12) 2-Methylnaphthalene	12.28	142	2158	0.429	ng	98
16) Acenaphthylene	14.18	152	4590	0.407	ng	99
17) Acenaphthene	14.53	154	2430	0.396	ng	98
18) Fluorene	15.50	166	3823	0.415	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1721	0.398	ng	# 90
21) Hexachlorobenzene	16.51	284	1885	0.427	ng	99
22) Pentachlorophenol	16.88	266	658	0.609	ng	89
23) Phenanthrene	17.26	178	7356	0.397	ng	99
24) Anthracene	17.35	178	6670	0.393	ng	98
26) Fluoranthene	19.28	202	11927	0.379	ng	99
28) Pyrene	19.64	202	12314	0.465	ng	99
30) Benzo(a)anthracene	21.38	228	13254	0.440	ng	99
31) Chrysene	21.44	228	14568	0.468	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	18840	0.436	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	17147	0.464	ng	99
35) Benzo(b)fluoranthene	23.14	252	13364	0.407	ng	99
36) Benzo(k)fluoranthene	23.19	252	14036	0.409	ng	99
37) Benzo(a)pyrene	23.81	252	13186	0.408	ng	# 98
38) Dibenzo(a,h)anthracene	26.63	278	13714	0.421	ng	100
39) Benzo(g,h,i)perylene	27.43	276	13952	0.415	ng	98

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

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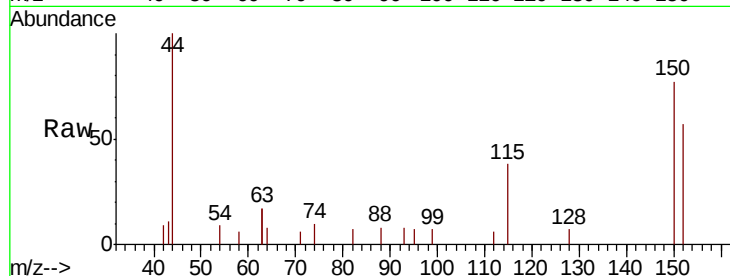


#1

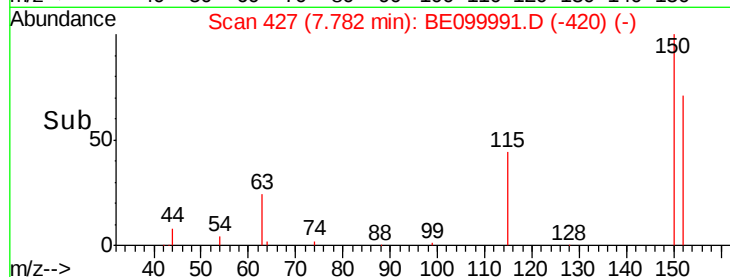
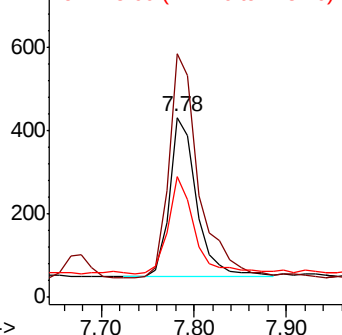
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099991.D
Acq: 13 Jun 2019 15:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 786
Ion Ratio Lower Upper
152 100
150 135.6 111.0 166.6
115 67.4 50.7 76.1



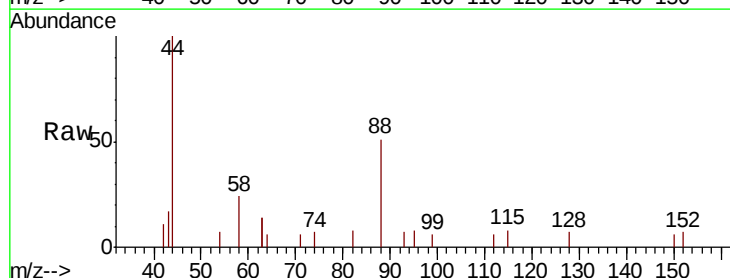
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



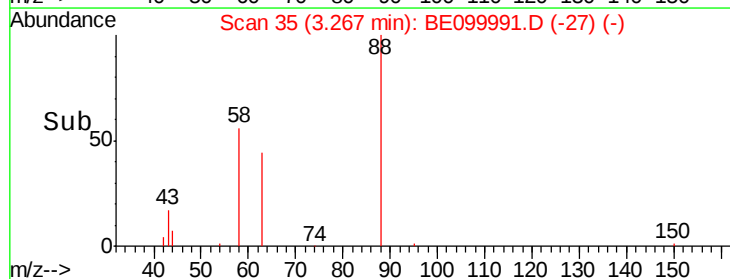
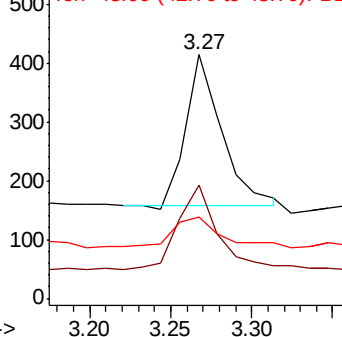
#2

1,4-Dioxane
Concen: 0.343 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099991.D
Acq: 13 Jun 2019 15:59

Tgt Ion: 88 Resp: 399
Ion Ratio Lower Upper
88 100
58 58.9 48.8 73.2
43 22.1 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





#3

n-Nitrosodimethylamine

Concen: 0.222 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

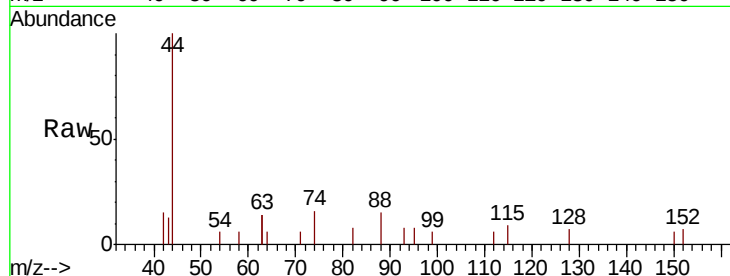
Tgt Ion: 42 Resp: 149

Ion Ratio Lower Upper

42 100

74 147.7 0.0 0.0#

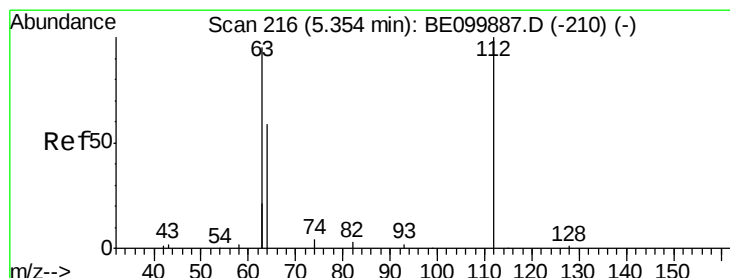
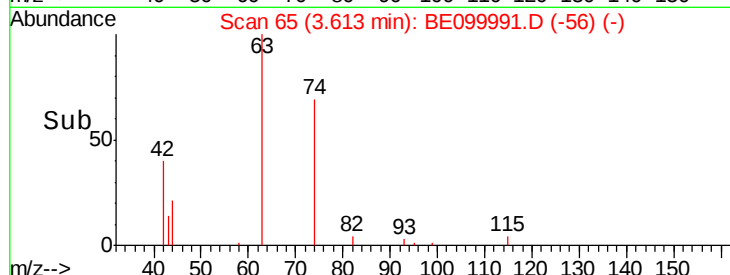
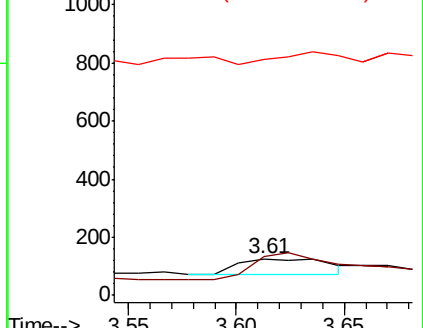
44 0.0 0.0 0.0



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: 0.396 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

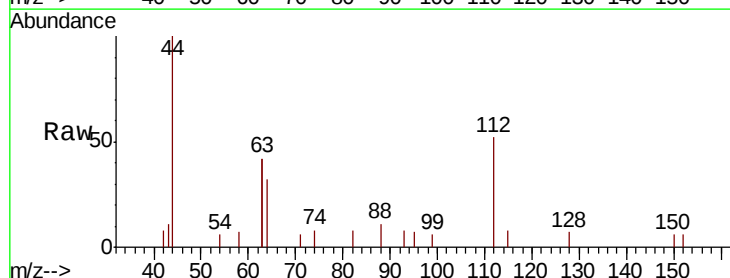
Tgt Ion: 112 Resp: 840

Ion Ratio Lower Upper

112 100

64 57.5 44.1 66.1

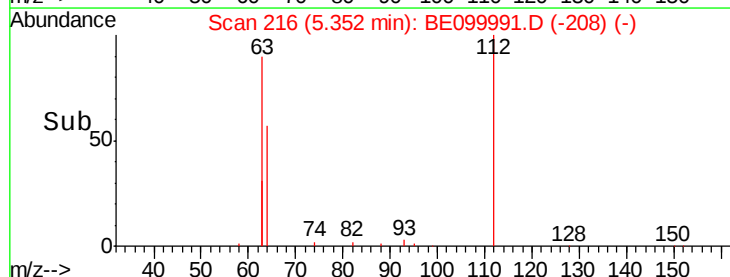
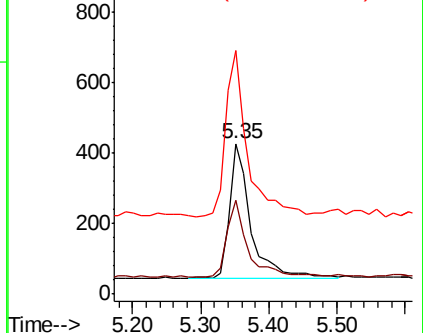
63 125.4 87.8 131.6



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: 0.415 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

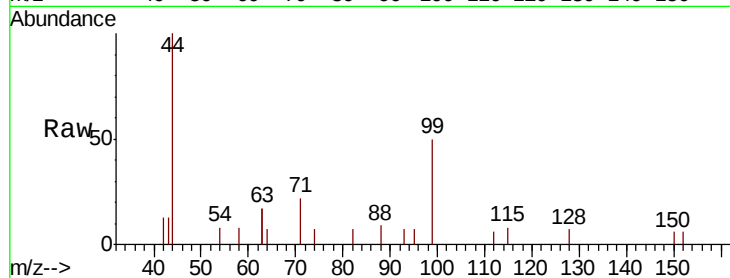
Tgt Ion: 99 Resp: 1135

Ion Ratio Lower Upper

99 100

42 18.9 15.9 23.9

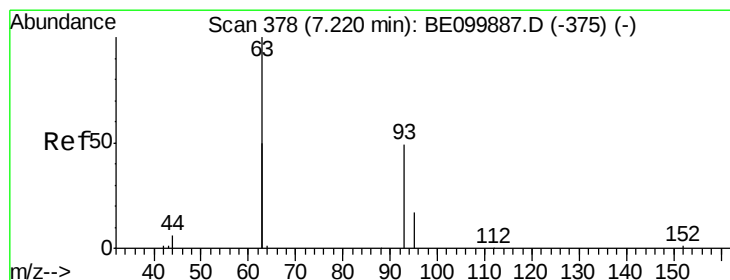
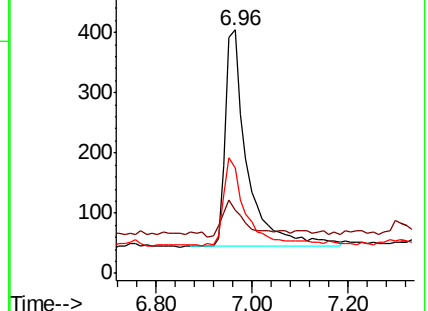
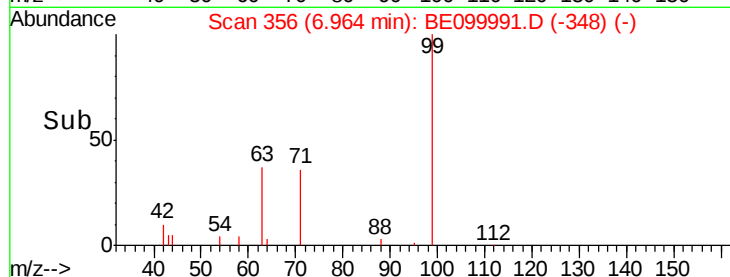
71 41.4 34.6 52.0



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: 0.397 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

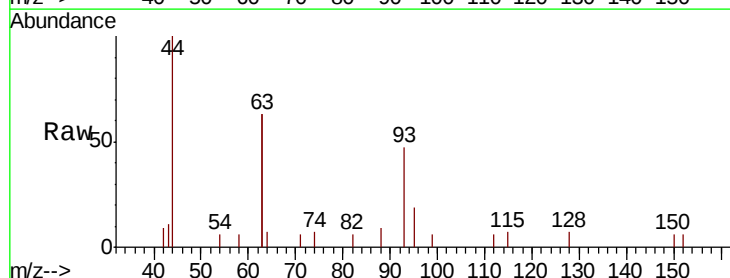
Tgt Ion: 93 Resp: 887

Ion Ratio Lower Upper

93 100

63 219.5 202.8 304.2

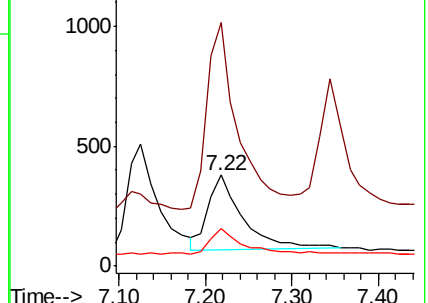
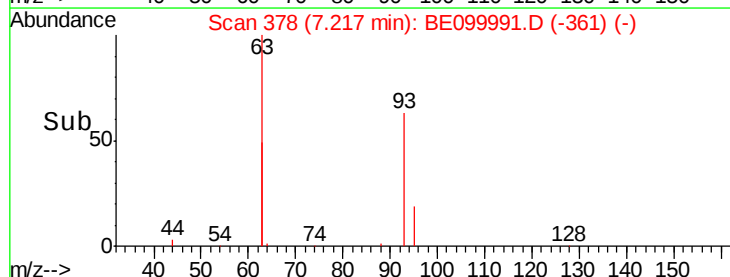
95 29.9 23.7 35.5



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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 2869

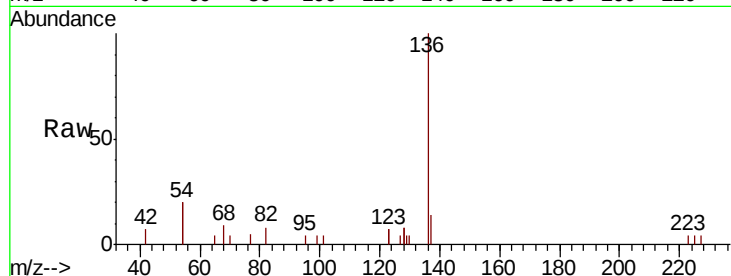
Ion Ratio Lower Upper

136 100

137 14.3 12.3 18.5

54 40.0 28.2 42.4

68 9.3 7.8 11.8

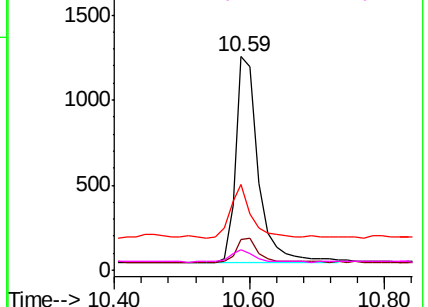
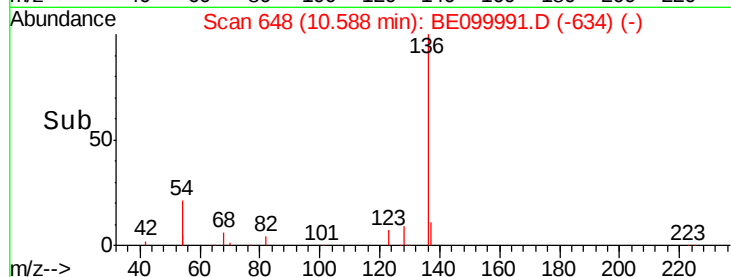


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

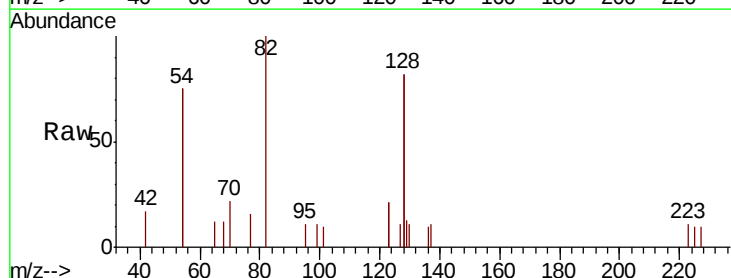
Tgt Ion: 82 Resp: 1128

Ion Ratio Lower Upper

82 100

128 163.3 137.3 205.9

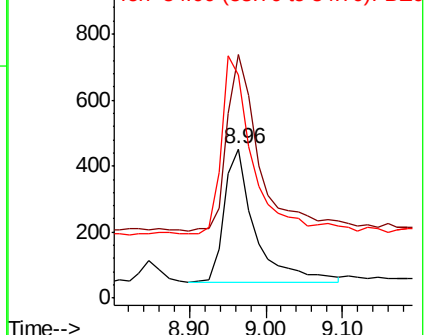
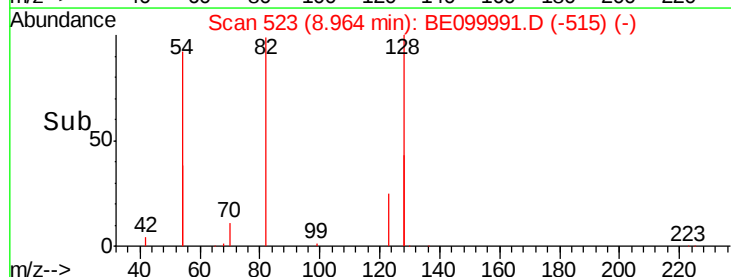
54 149.6 129.7 194.5



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: 0.425 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

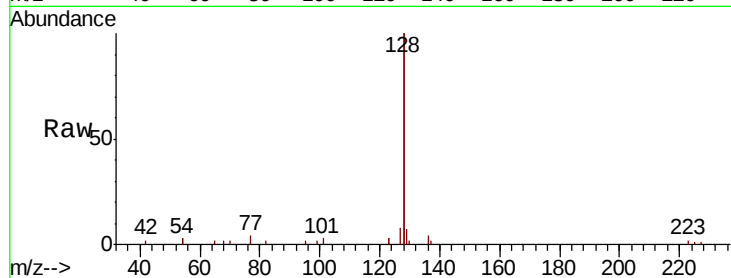
Tgt Ion:128 Resp: 13153

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

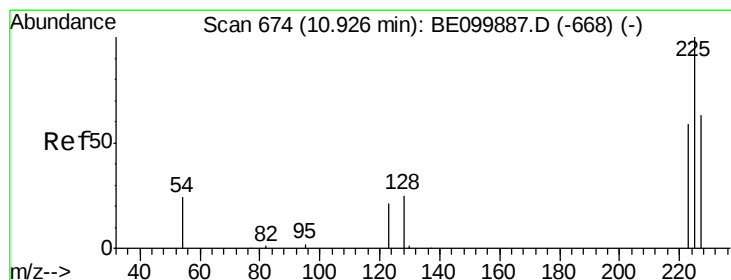
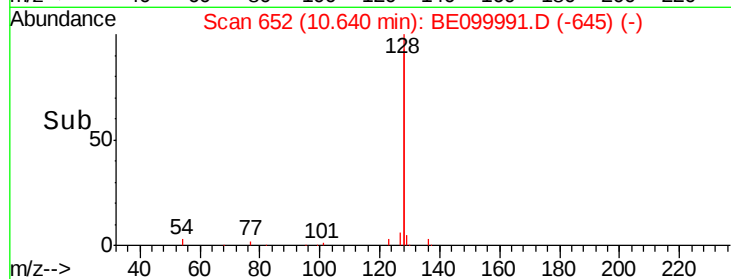
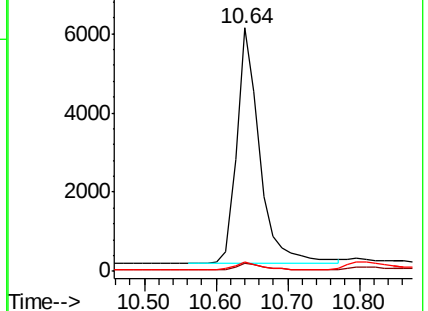
127 4.0 3.4 5.0



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: 0.463 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

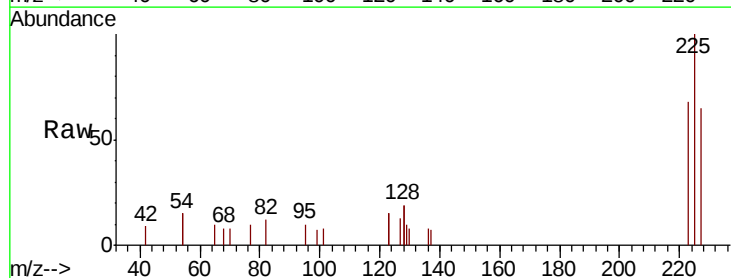
Tgt Ion:225 Resp: 1093

Ion Ratio Lower Upper

225 100

223 61.9 51.6 77.4

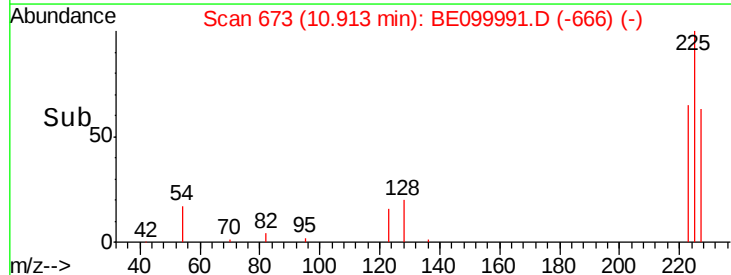
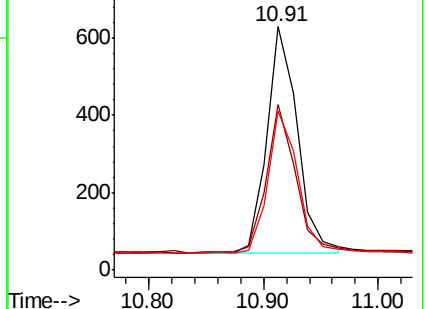
227 60.7 50.6 76.0

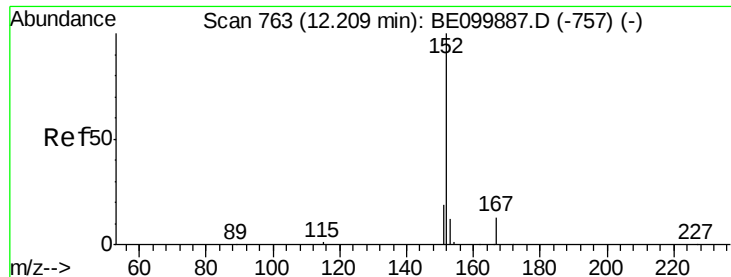


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

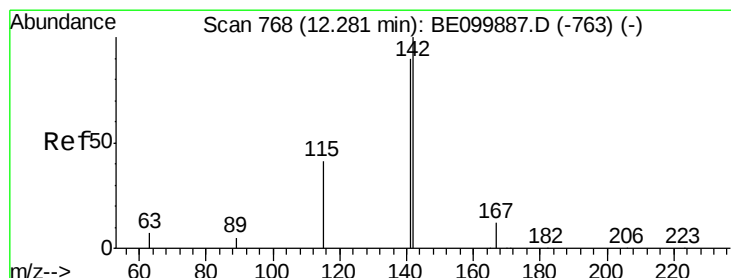
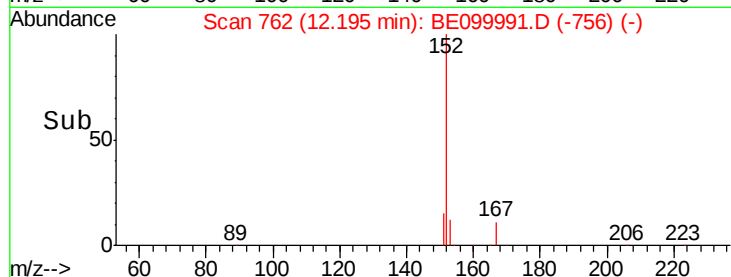
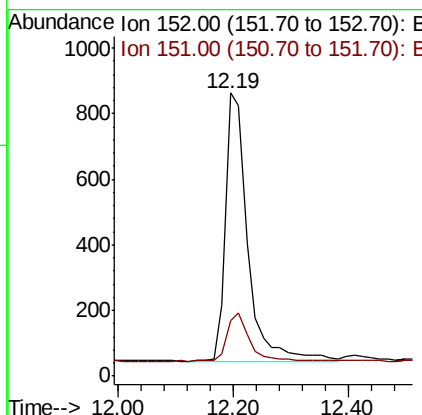
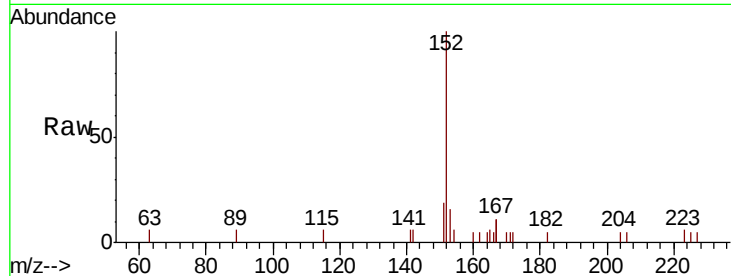




#11
 2-Methylnaphthalene-d10
 Concen: 0.437 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BE099991.D
 Acq: 13 Jun 2019 15:59

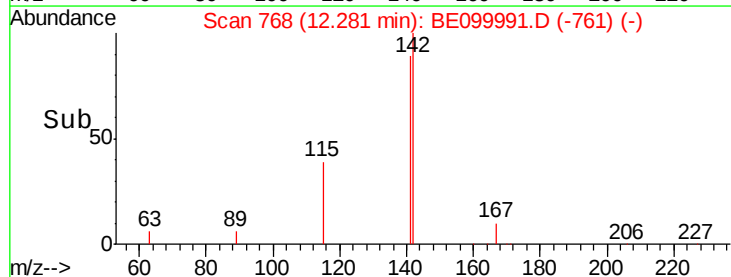
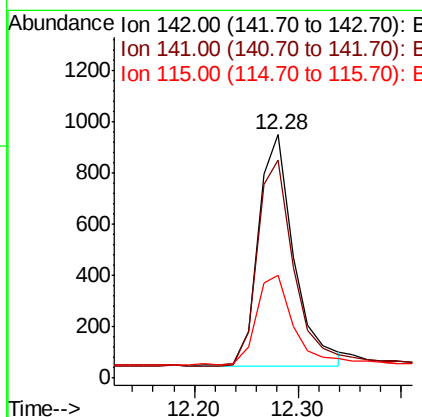
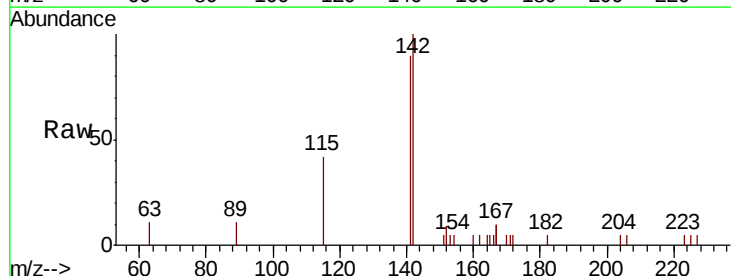
Instrument :
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 SSTDCCC0.4EC

Tgt Ion:152 Resp: 2184
 Ion Ratio Lower Upper
 152 100
 151 17.7 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.429 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099991.D
 Acq: 13 Jun 2019 15:59

Tgt Ion:142 Resp: 2158
 Ion Ratio Lower Upper
 142 100
 141 89.7 72.3 108.5
 115 42.3 36.4 54.6

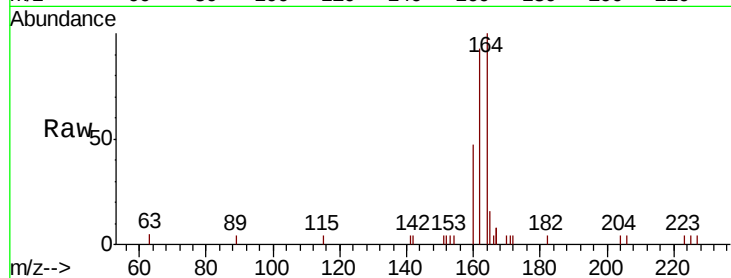




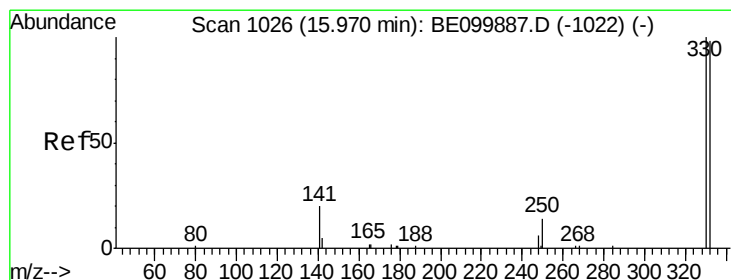
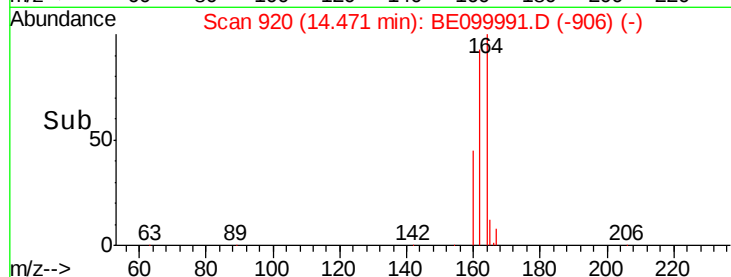
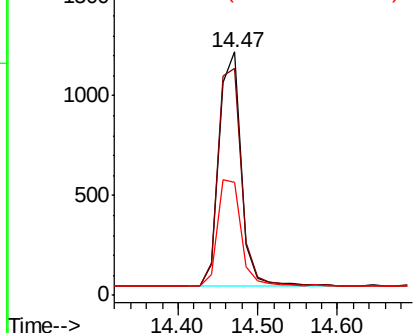
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099991.D
 Acq: 13 Jun 2019 15:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 2265
 Ion Ratio Lower Upper
 164 100
 162 93.3 77.8 116.8
 160 46.6 38.2 57.4

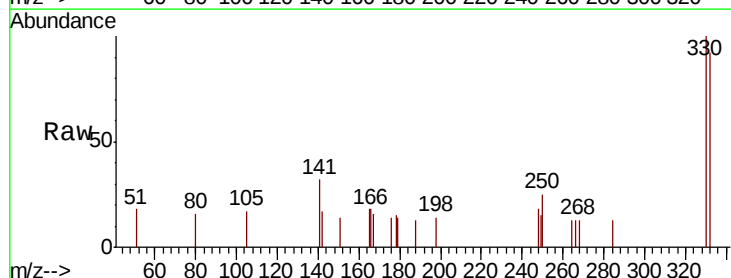


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

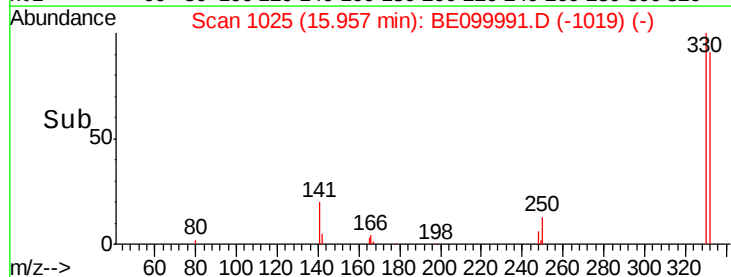
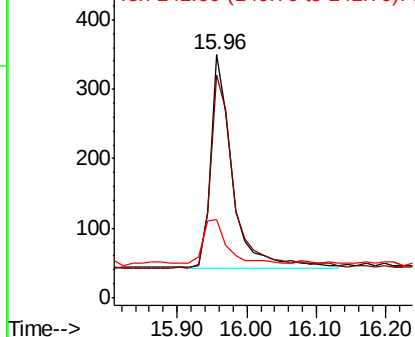


#14
 2,4,6-Tribromophenol
 Concen: 0.400 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099991.D
 Acq: 13 Jun 2019 15:59

Tgt Ion:330 Resp: 669
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.7 115.1
 141 21.5 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

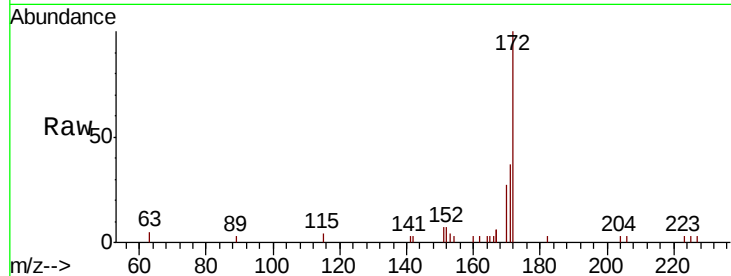




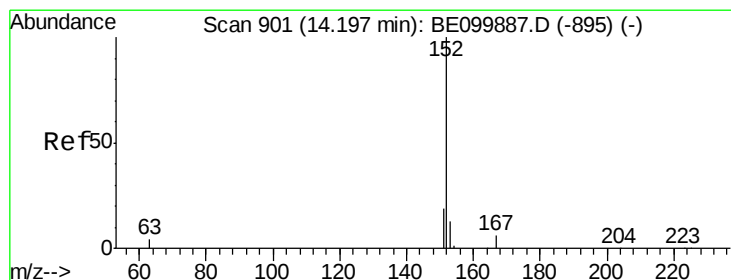
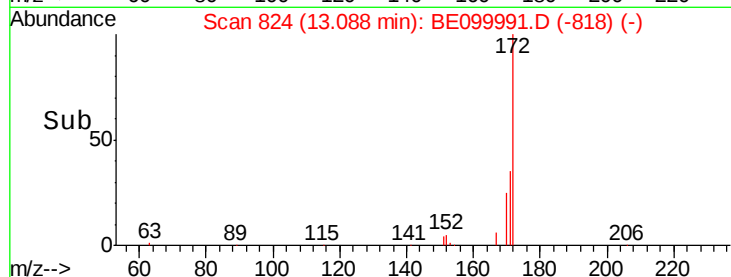
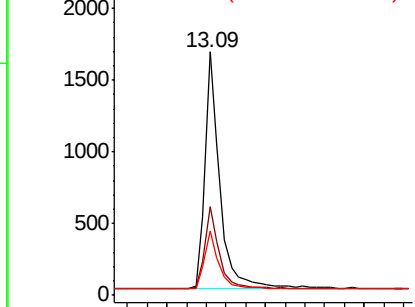
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099991.D
Acq: 13 Jun 2019 15:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3527
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 26.6 21.2 31.8

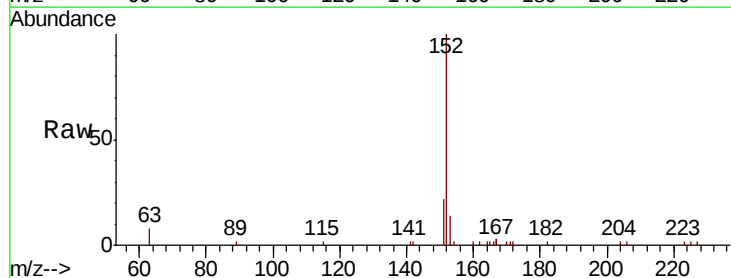


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

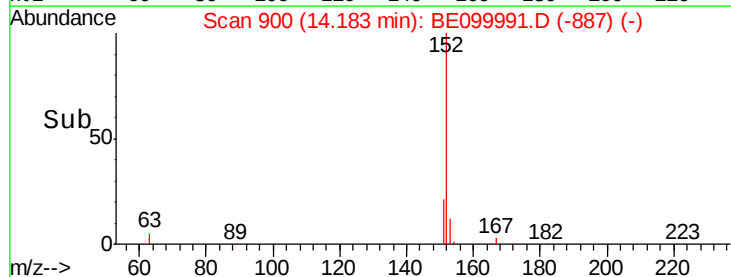
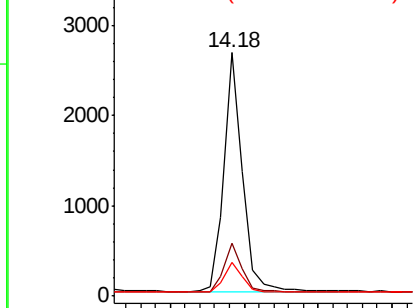


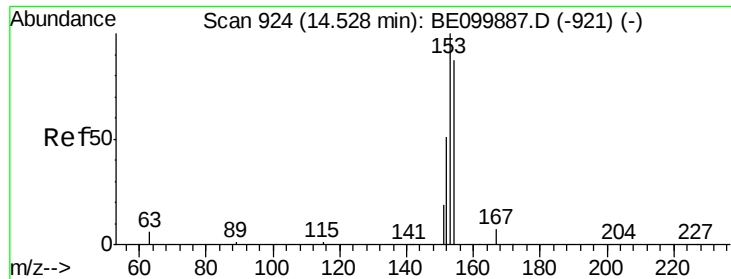
#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099991.D
Acq: 13 Jun 2019 15:59

Tgt Ion:152 Resp: 4590
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 12.6 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

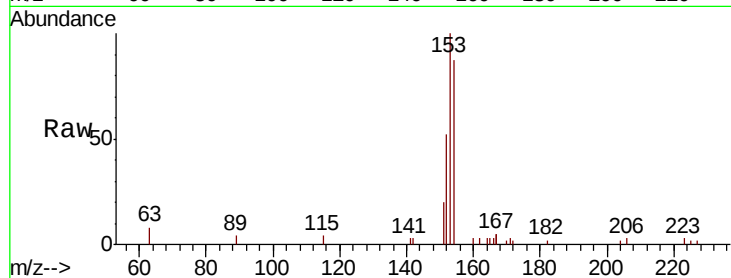




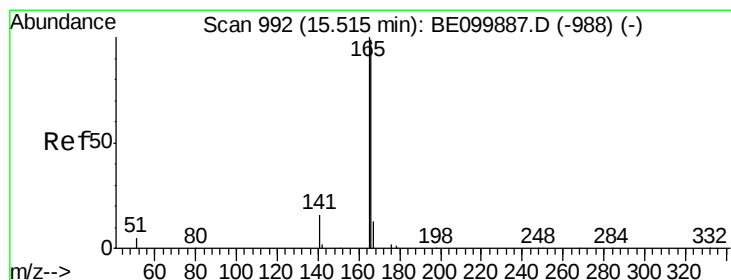
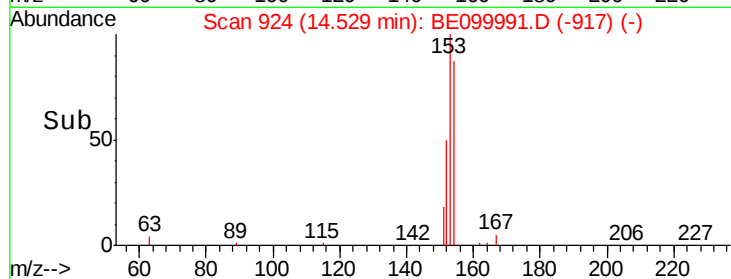
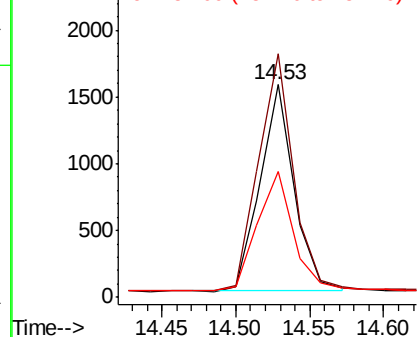
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099991.D
Acq: 13 Jun 2019 15:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2430
Ion Ratio Lower Upper
154 100
153 118.6 93.1 139.7
152 60.9 47.0 70.4

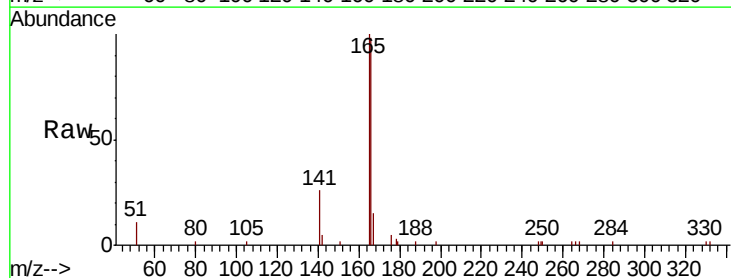


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

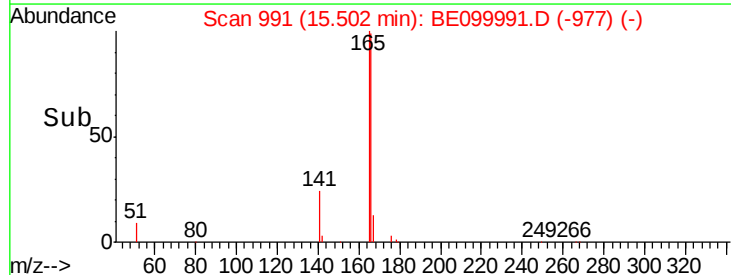
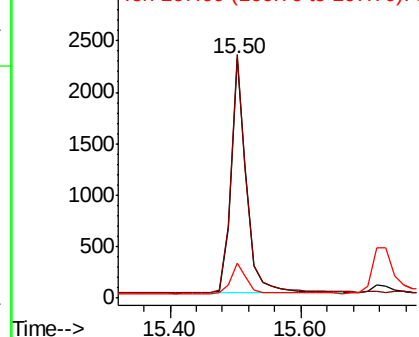


#18
Fluorene
Concen: 0.415 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099991.D
Acq: 13 Jun 2019 15:59

Tgt Ion:166 Resp: 3823
Ion Ratio Lower Upper
166 100
165 100.7 81.8 122.8
167 13.6 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: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

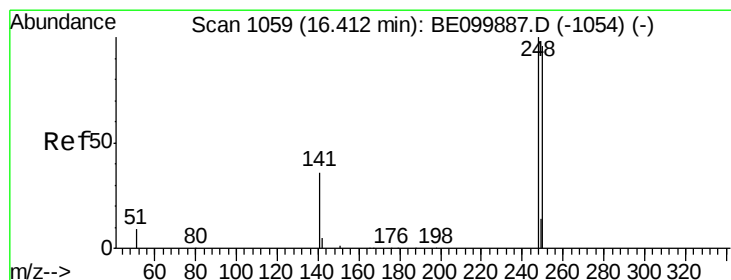
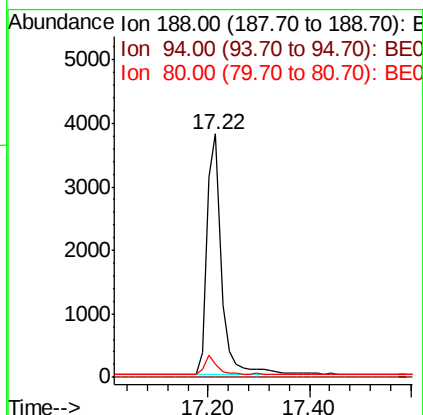
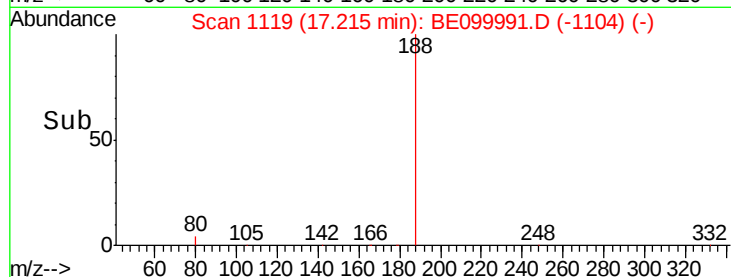
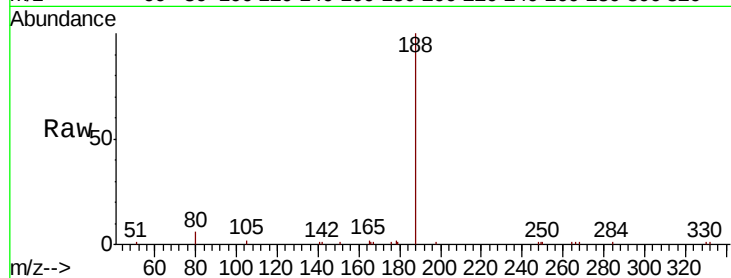
Tgt Ion:188 Resp: 7629

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.7 6.4 9.6#



#20

4-Bromophenyl-phenylether

Concen: 0.398 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

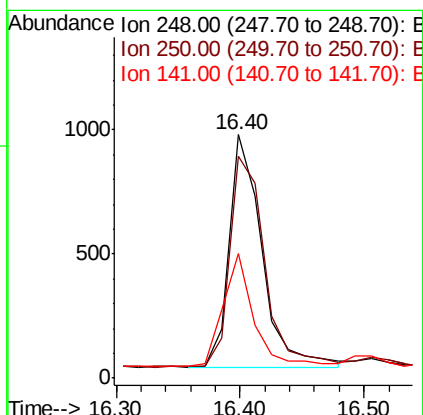
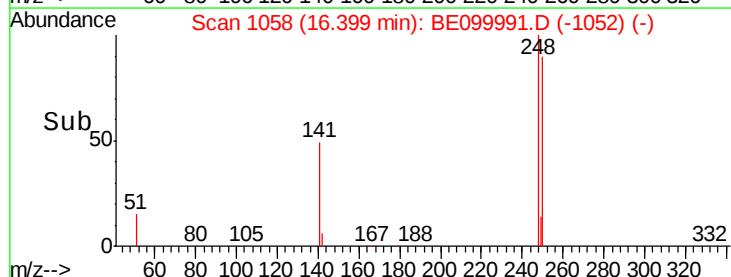
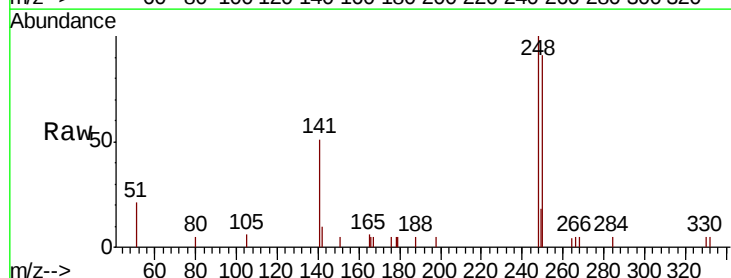
Tgt Ion:248 Resp: 1721

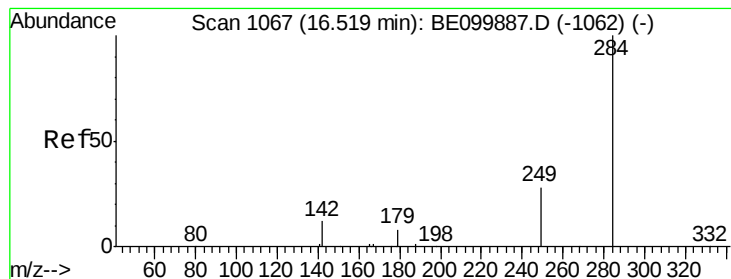
Ion Ratio Lower Upper

248 100

250 91.0 77.5 116.3

141 51.4 31.8 47.8#





#21

Hexachlorobenzene

Concen: 0.427 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

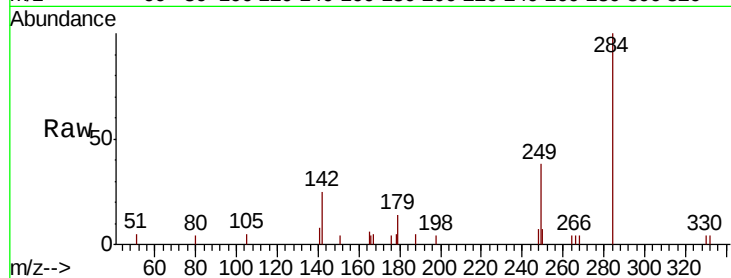
Tgt Ion:284 Resp: 1885

Ion Ratio Lower Upper

284 100

142 22.3 18.2 27.4

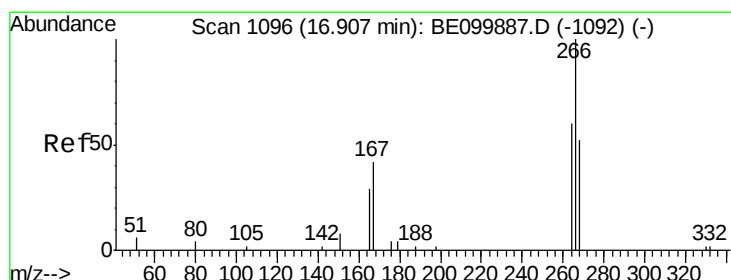
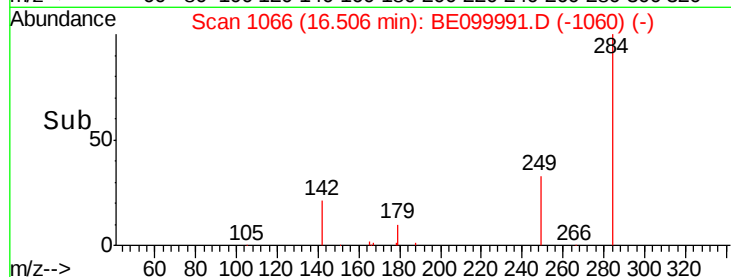
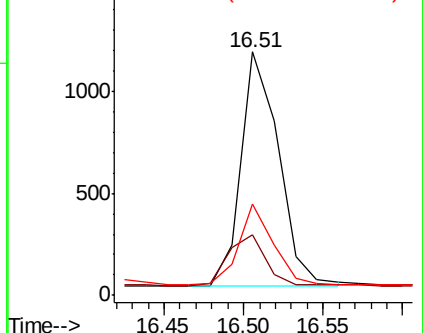
249 31.3 24.6 37.0



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: 0.609 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

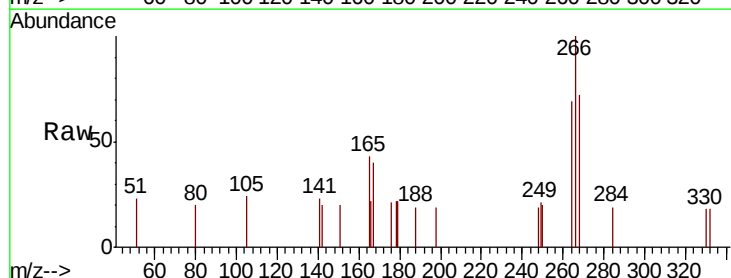
Tgt Ion:266 Resp: 658

Ion Ratio Lower Upper

266 100

264 68.6 62.2 93.2

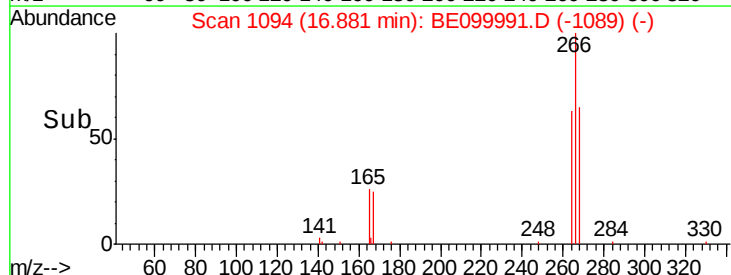
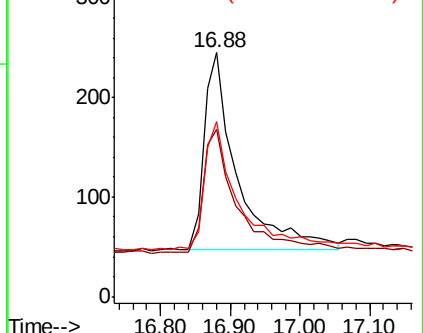
268 71.8 65.5 98.3



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: 0.397 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

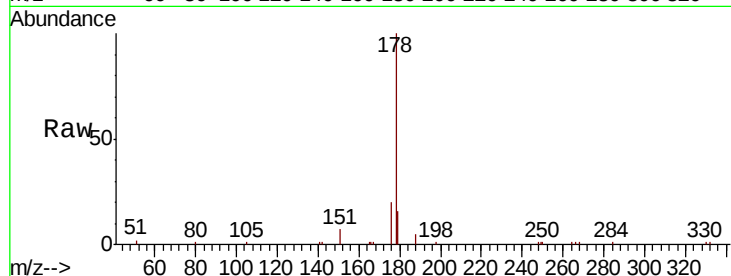
Tgt Ion:178 Resp: 7356

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

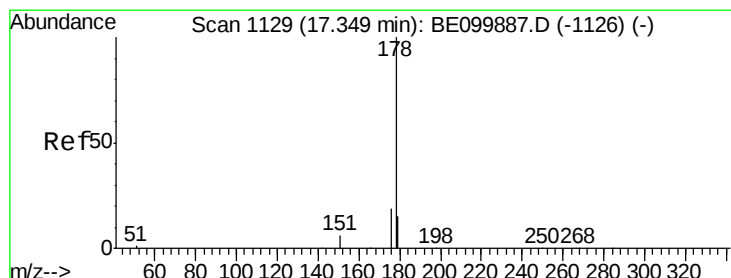
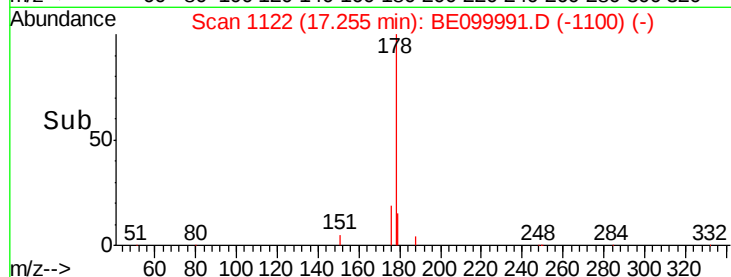
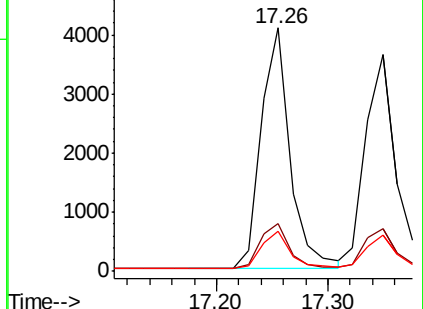
179 15.6 12.4 18.6



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: 0.393 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

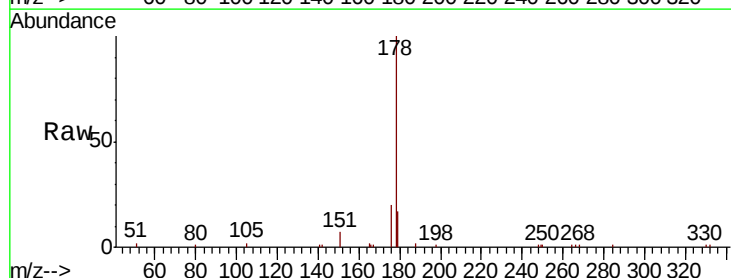
Tgt Ion:178 Resp: 6670

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

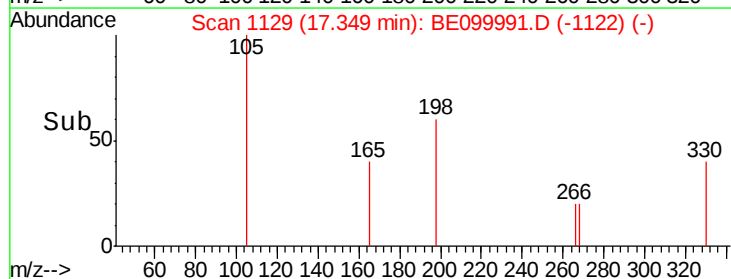
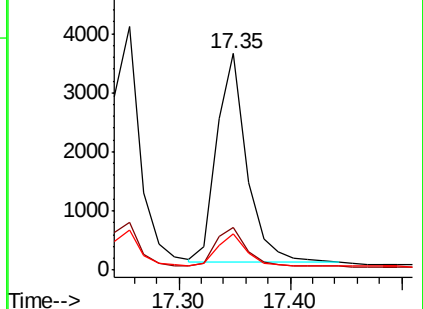
179 14.7 12.3 18.5

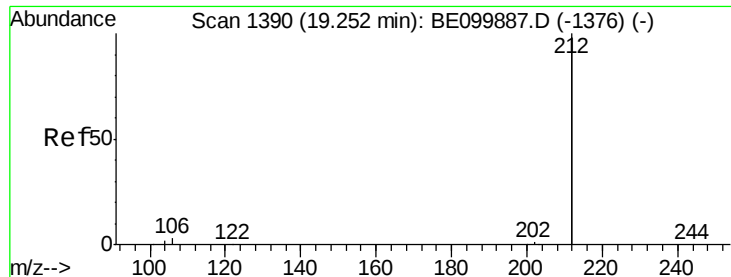


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

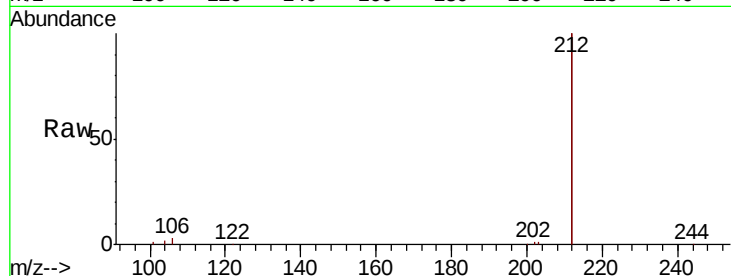
Tgt Ion:212 Resp: 41891

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

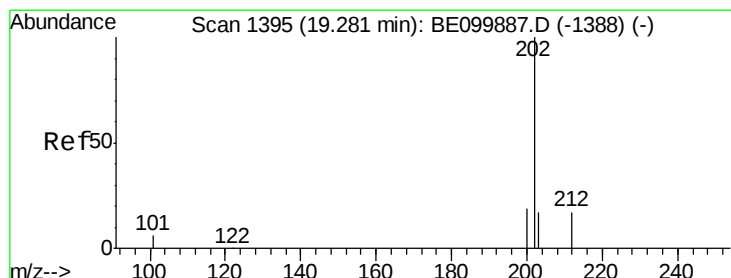
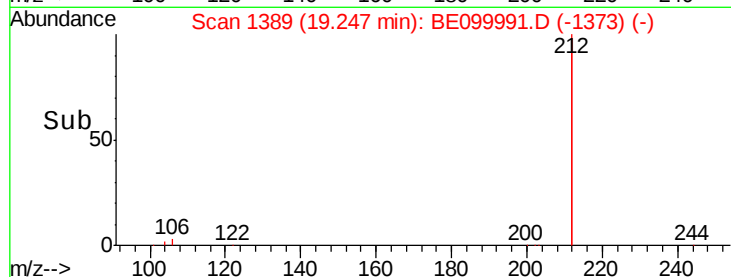
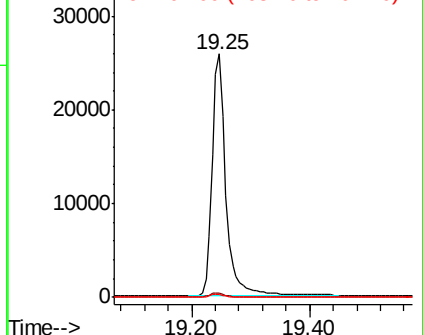
104 1.0 0.9 1.3



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



#26

Fluoranthene

Concen: 0.379 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

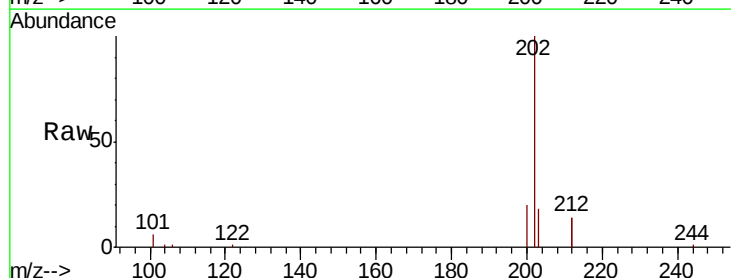
Tgt Ion:202 Resp: 11927

Ion Ratio Lower Upper

202 100

101 6.3 5.4 8.0

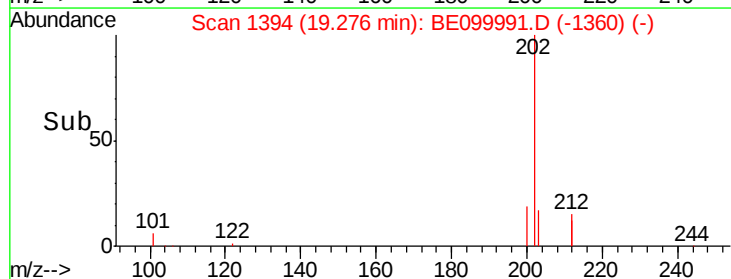
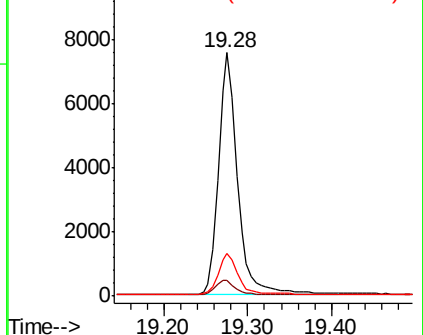
203 17.0 13.2 19.8



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

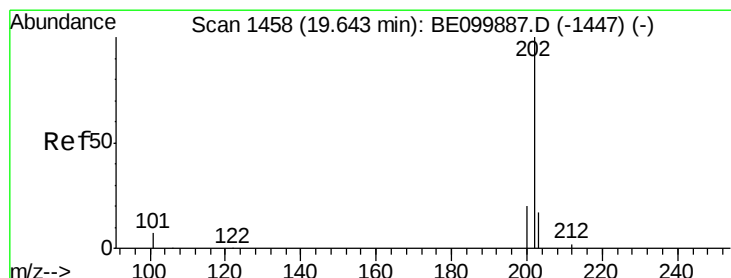
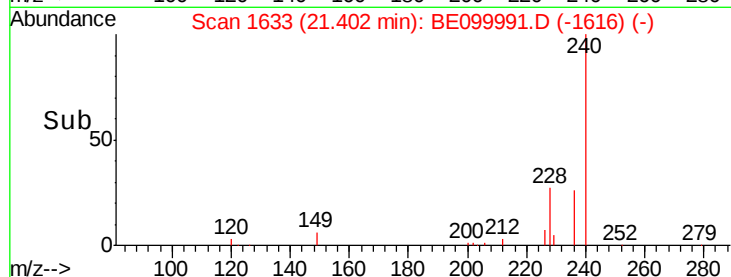
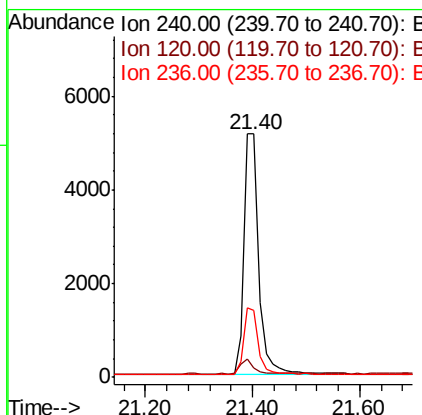
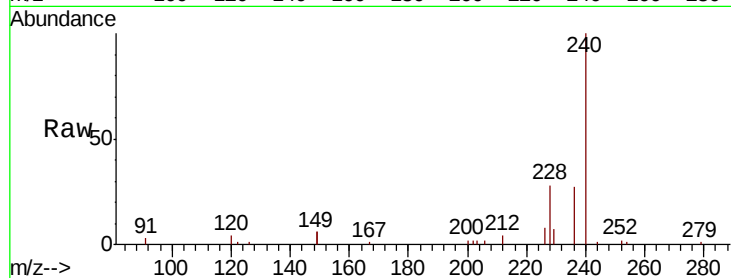




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099991.D
Acq: 13 Jun 2019 15:59

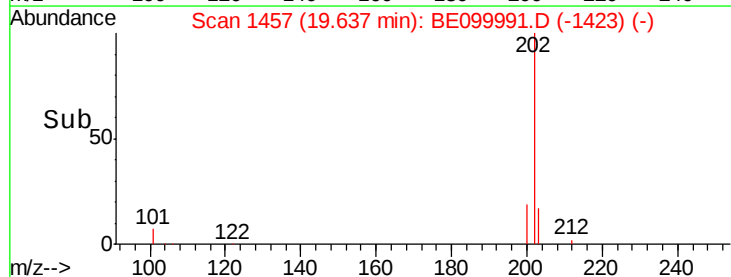
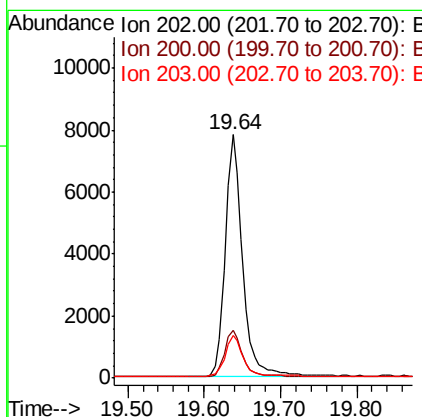
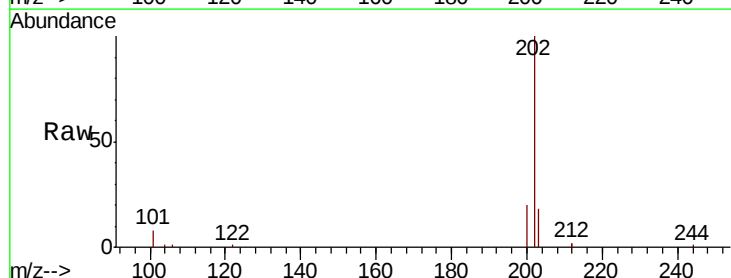
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 10082
Ion Ratio Lower Upper
240 100
120 4.0 3.8 5.6
236 27.3 22.0 33.0



#28
Pyrene
Concen: 0.465 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BE099991.D
Acq: 13 Jun 2019 15:59

Tgt Ion:202 Resp: 12314
Ion Ratio Lower Upper
202 100
200 19.7 15.5 23.3
203 17.2 14.0 21.0





#29

Terphenyl-d14

Concen: 0.461 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

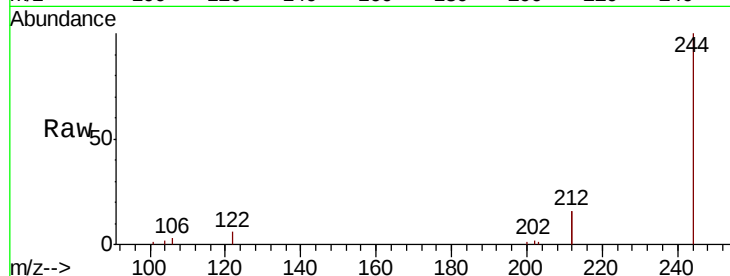
Tgt Ion:244 Resp: 8376

Ion Ratio Lower Upper

244 100

212 31.1 25.7 38.5

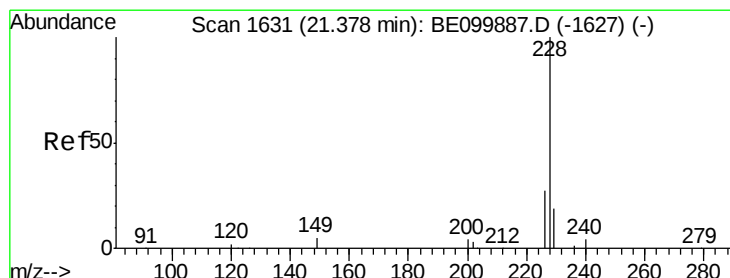
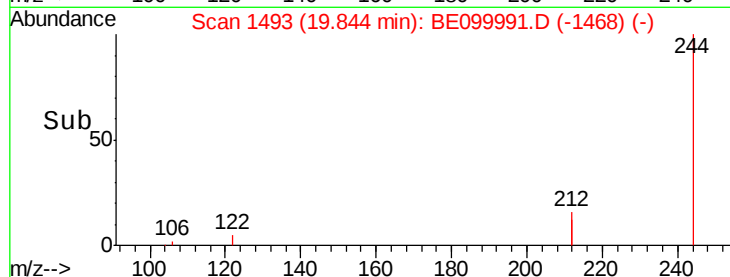
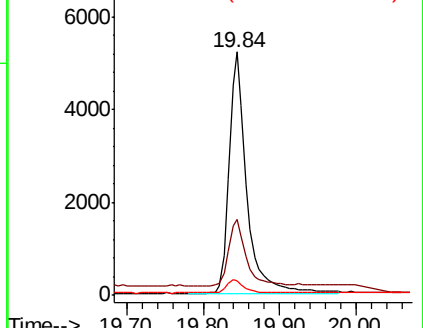
122 5.9 5.5 8.3



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: 0.440 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

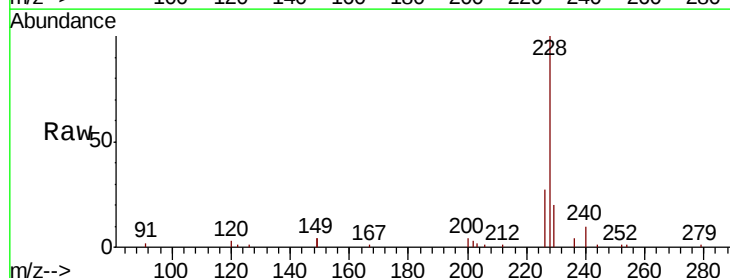
Tgt Ion:228 Resp: 13254

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

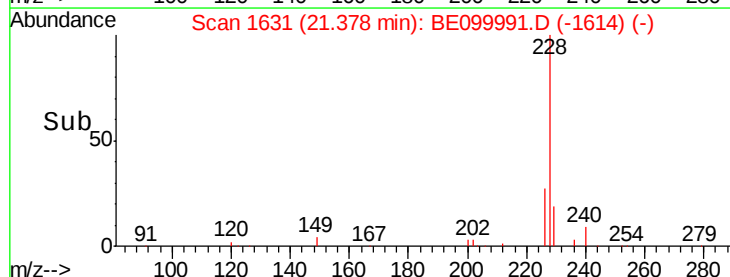
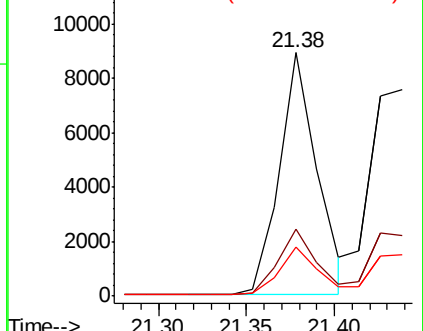
229 20.1 15.9 23.9



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: 0.468 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

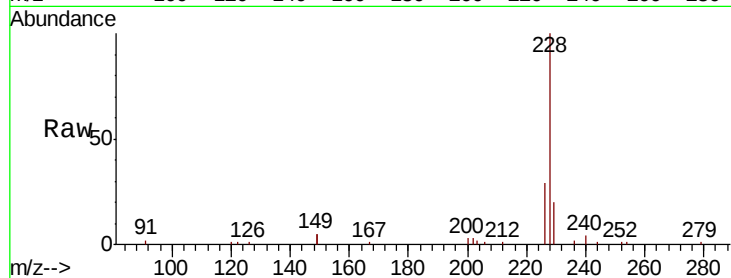
Tgt Ion: 228 Resp: 14568

Ion Ratio Lower Upper

228 100

226 29.1 24.1 36.1

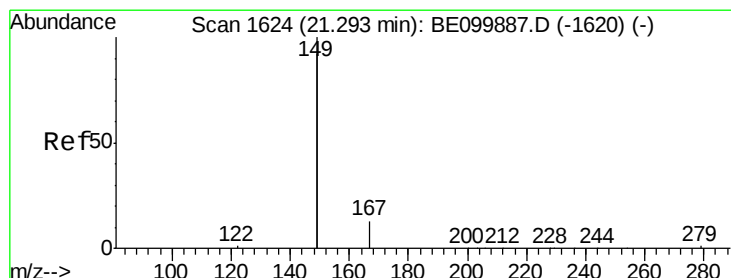
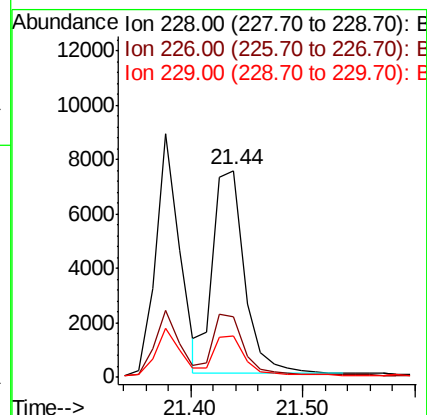
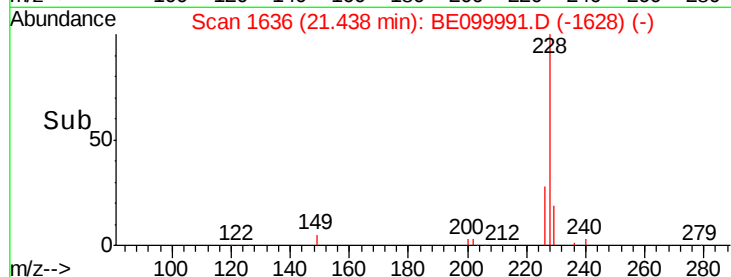
229 20.2 16.1 24.1



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: 0.436 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

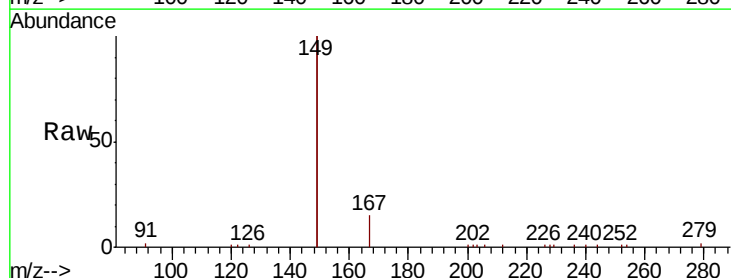
Tgt Ion: 149 Resp: 18840

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

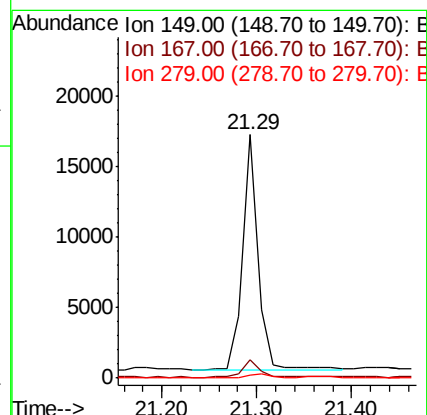
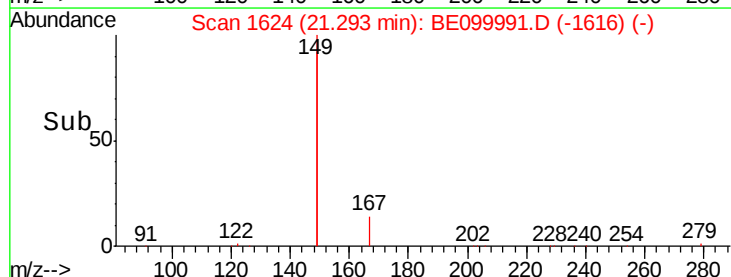
279 1.4 1.2 1.8



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: 0.464 ng

RT: 26.60 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

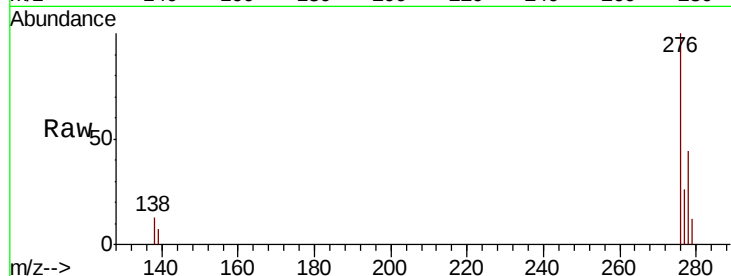
Tgt Ion:276 Resp: 17147

Ion Ratio Lower Upper

276 100

138 11.8 10.1 15.1

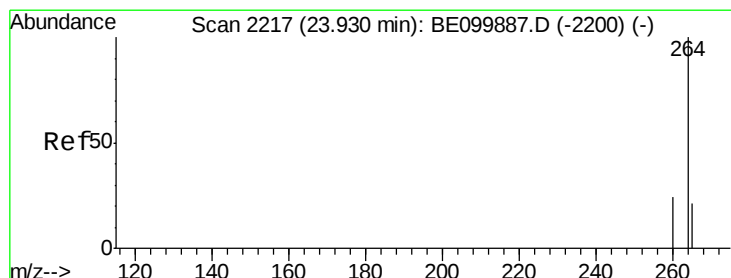
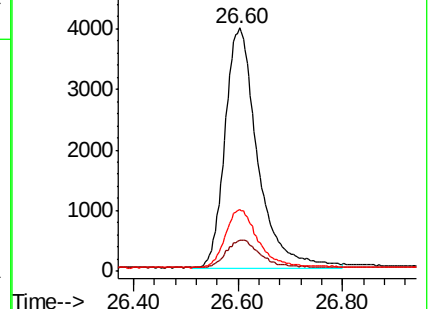
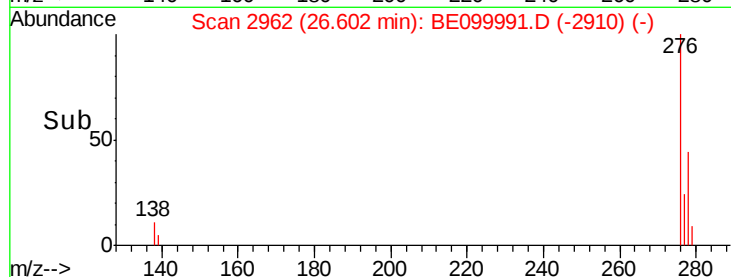
277 24.0 19.1 28.7



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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

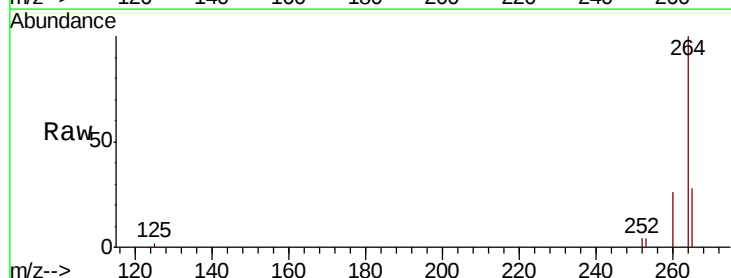
Tgt Ion:264 Resp: 11709

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

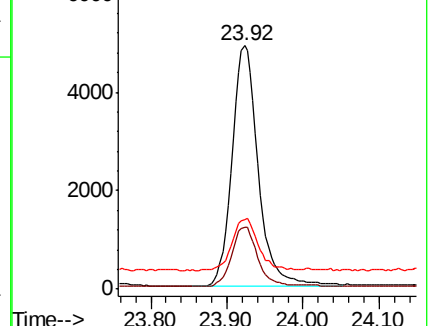
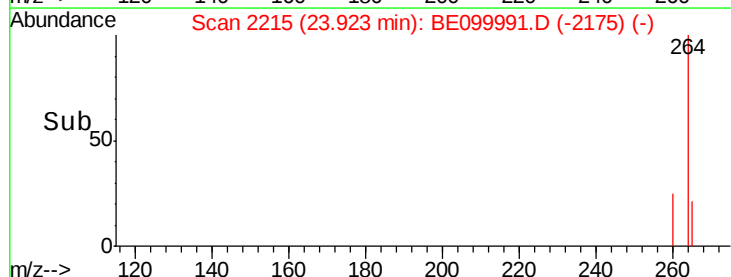
265 28.5 22.0 33.0



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: 0.407 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

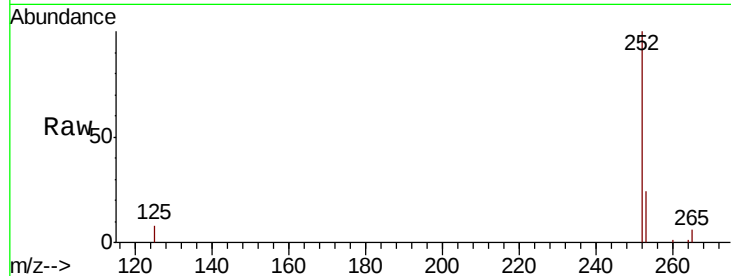
Tgt Ion:252 Resp: 13364

Ion Ratio Lower Upper

252 100

253 24.0 18.7 28.1

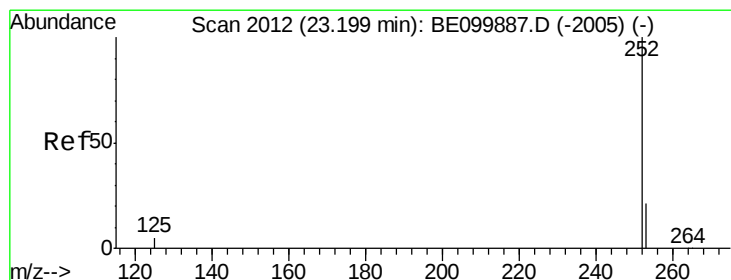
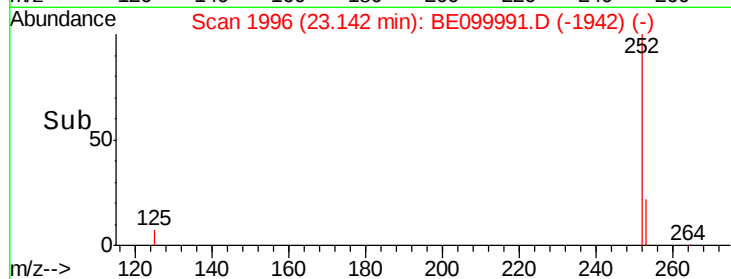
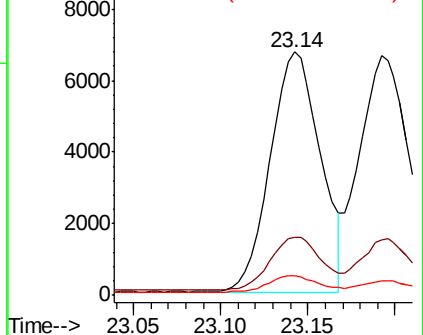
125 7.9 5.7 8.5



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: 0.409 ng

RT: 23.19 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

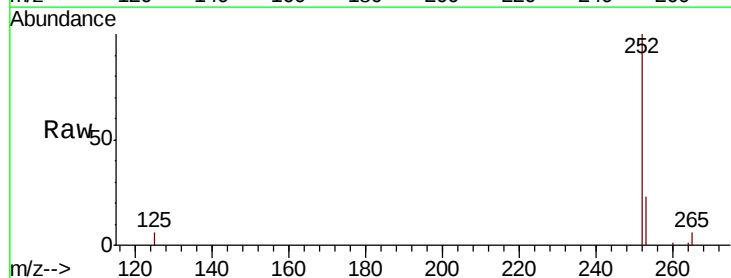
Tgt Ion:252 Resp: 14036

Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

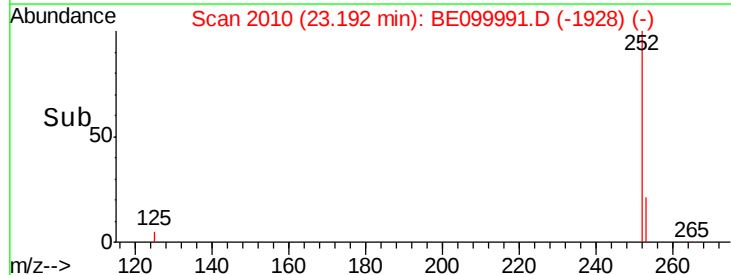
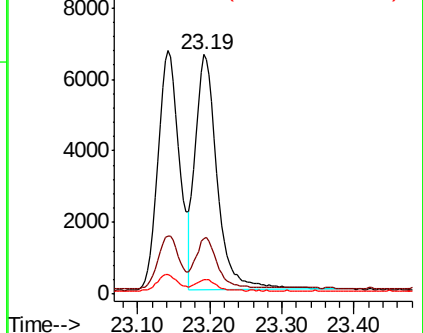
125 6.1 5.4 8.0



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





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

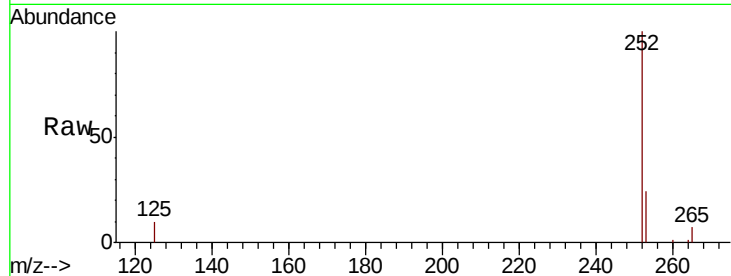
Tgt Ion:252 Resp: 13186

Ion Ratio Lower Upper

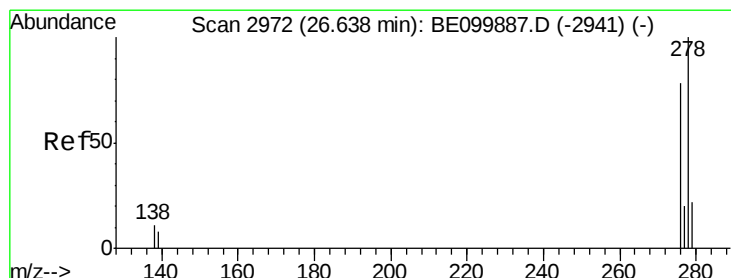
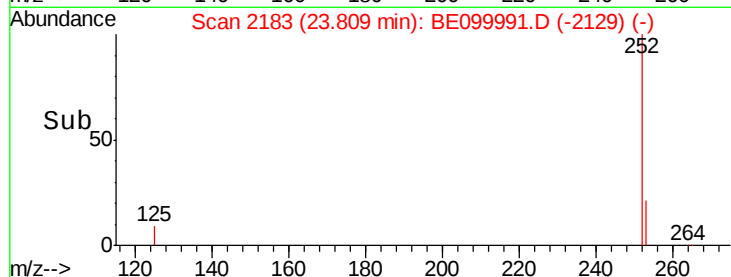
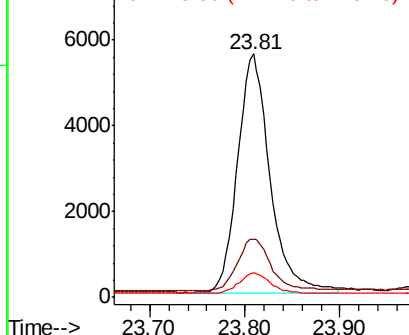
252 100

253 23.9 19.6 29.4

125 10.2 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: 0.421 ng

RT: 26.63 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BE099991.D

Acq: 13 Jun 2019 15:59

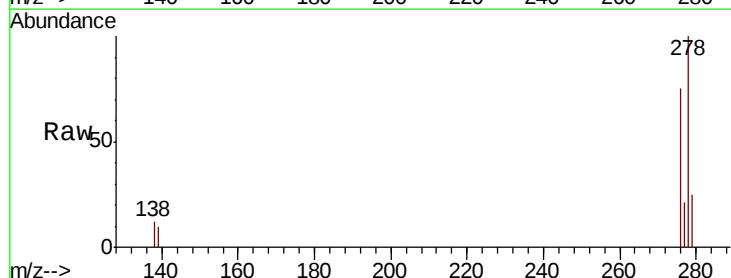
Tgt Ion:278 Resp: 13714

Ion Ratio Lower Upper

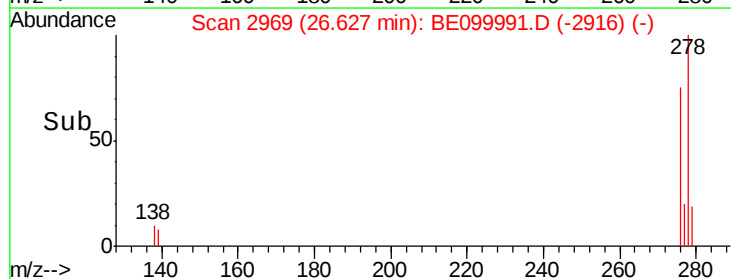
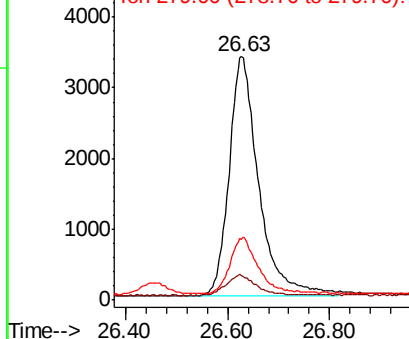
278 100

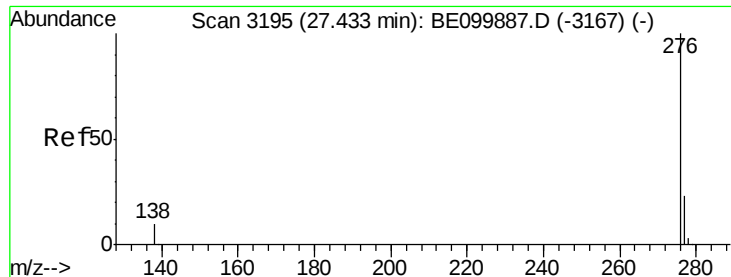
139 10.0 7.8 11.8

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: 0.415 ng

RT: 27.43 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BE099991.D

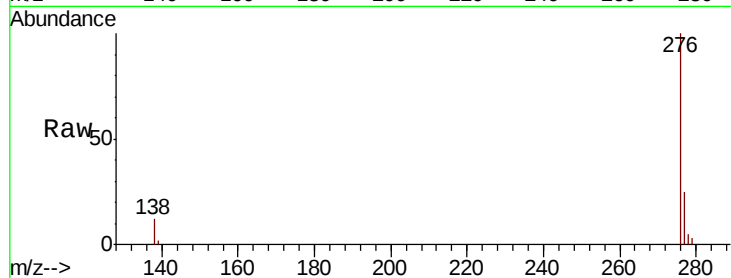
Acq: 13 Jun 2019 15:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 13952

Ion Ratio Lower Upper

276 100

277 25.4 19.5 29.3

138 12.3 9.5 14.3

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

