

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099977.D
 Acq On : 13 Jun 2019 3:40
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 13 04:17:54 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	946	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3344	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2451	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7305	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9000	0.40	ng	0.00
34) Perylene-d12	23.93	264	10276	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	959	0.38	ng	0.00
5) Phenol-d6	6.95	99	1246	0.38	ng	-0.01
8) Nitrobenzene-d5	8.97	82	1288	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2403	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	529	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3933	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	38069	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	7288	0.45	ng	0.00

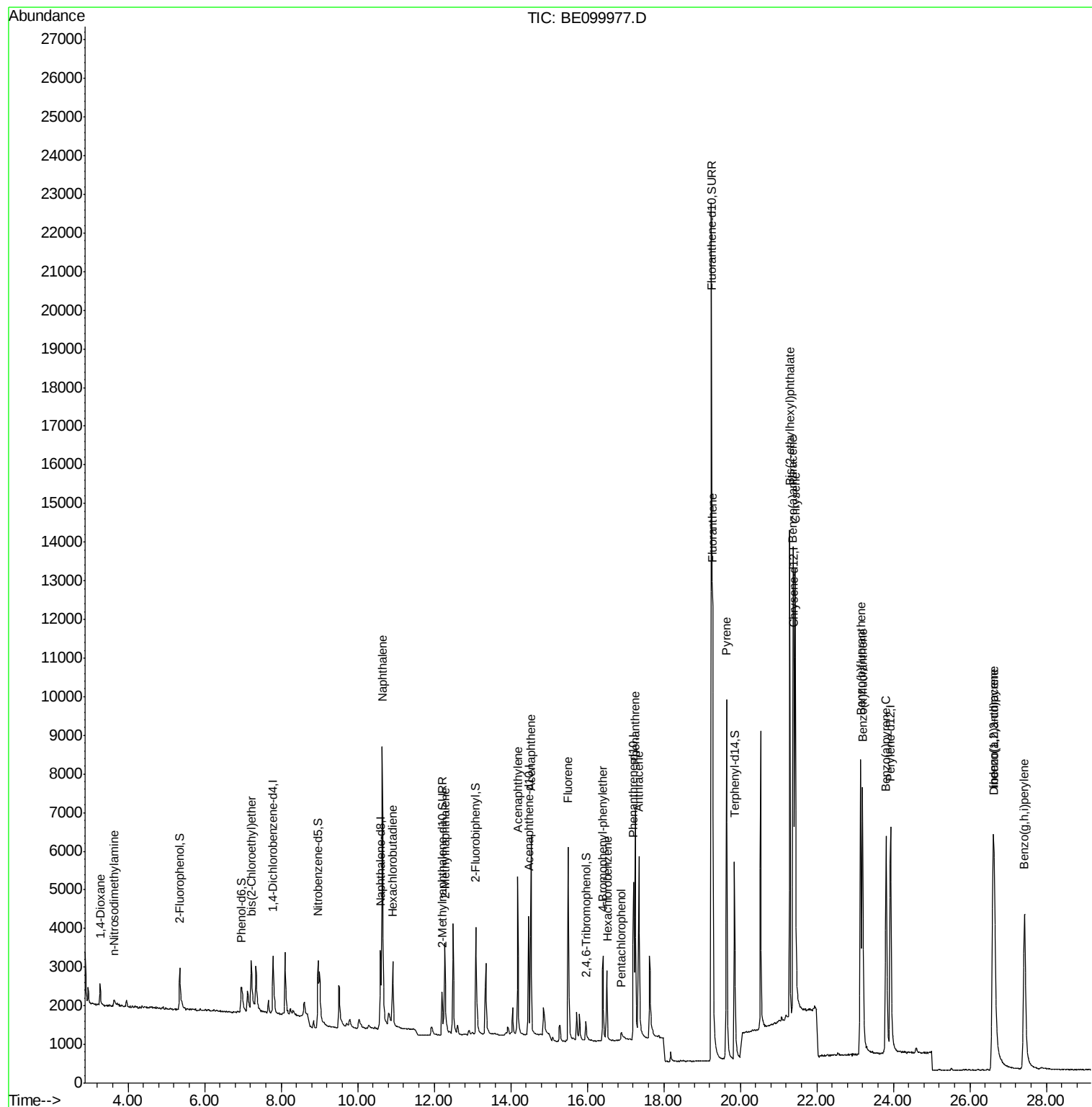
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	507	0.362	ng	97
3) n-Nitrosodimethylamine	3.63	42	122	0.151	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	1061	0.395	ng	84
9) Naphthalene	10.64	128	15166	0.420	ng	99
10) Hexachlorobutadiene	10.91	225	1255	0.456	ng	99
12) 2-Methylnaphthalene	12.28	142	2374	0.405	ng	95
16) Acenaphthylene	14.18	152	5014	0.411	ng	99
17) Acenaphthene	14.53	154	2654	0.400	ng	97
18) Fluorene	15.50	166	3854	0.387	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1693	0.409	ng	92
21) Hexachlorobenzene	16.52	284	1794	0.424	ng	99
22) Pentachlorophenol	16.89	266	330	0.462	ng	99
23) Phenanthrene	17.25	178	7005	0.395	ng	100
24) Anthracene	17.35	178	6131	0.377	ng	99
26) Fluoranthene	19.28	202	11058	0.367	ng	100
28) Pyrene	19.64	202	11231	0.475	ng	100
30) Benzo(a)anthracene	21.38	228	12076	0.449	ng	99
31) Chrysene	21.44	228	12629	0.454	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	14401	0.373	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	14727	0.447	ng	99
35) Benzo(b)fluoranthene	23.14	252	12053	0.419	ng	100
36) Benzo(k)fluoranthene	23.20	252	12797	0.425	ng	100
37) Benzo(a)pyrene	23.81	252	11851	0.418	ng	99
38) Dibenzo(a,h)anthracene	26.64	278	11502	0.403	ng	97
39) Benzo(g,h,i)perylene	27.43	276	12661	0.429	ng	98

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

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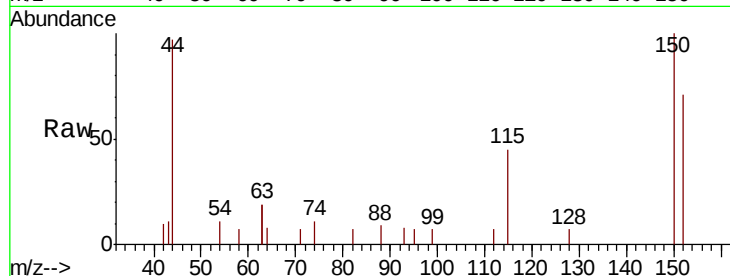


#1

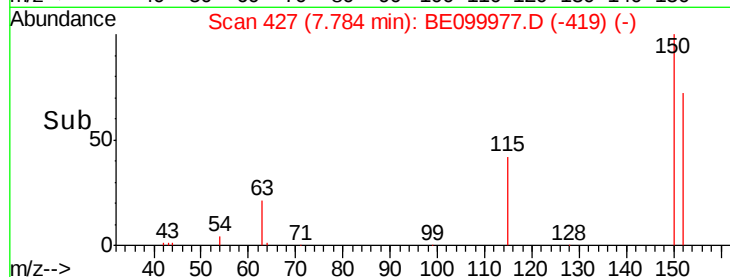
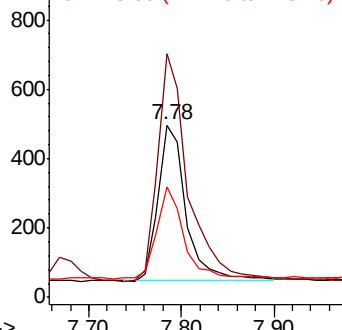
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BE099977.D
 Acq: 13 Jun 2019 3:40

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 152 Resp: 946
 Ion Ratio Lower Upper
 152 100
 150 141.2 111.0 166.6
 115 63.8 50.7 76.1



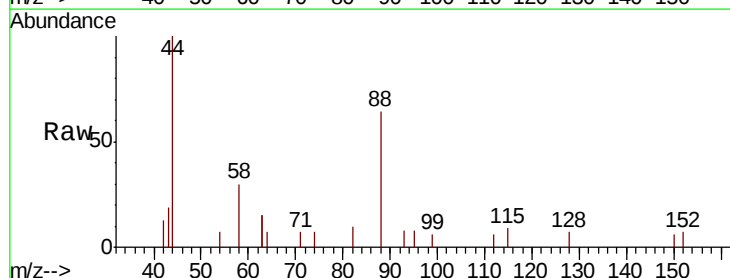
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



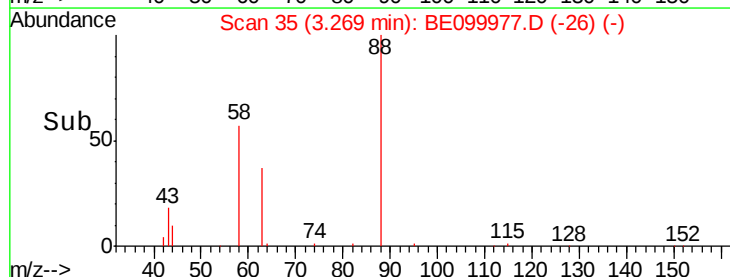
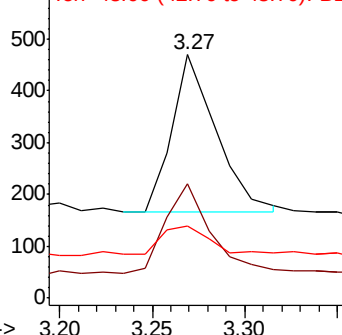
#2

1,4-Dioxane
 Concen: 0.362 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE099977.D
 Acq: 13 Jun 2019 3:40

Tgt Ion: 88 Resp: 507
 Ion Ratio Lower Upper
 88 100
 58 58.6 48.8 73.2
 43 22.3 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: 0.151 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

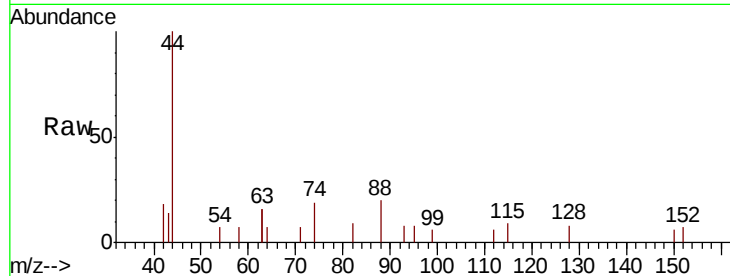
Tgt Ion: 42 Resp: 122

Ion Ratio Lower Upper

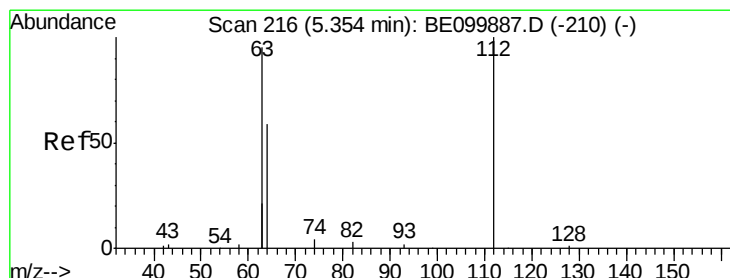
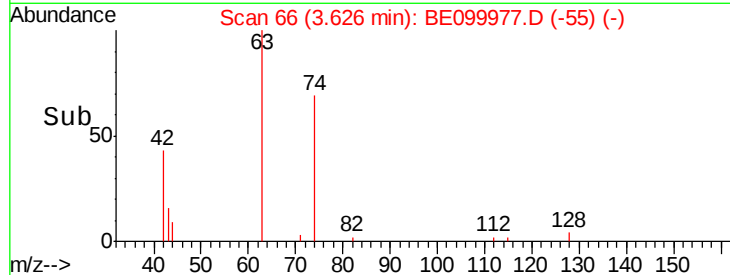
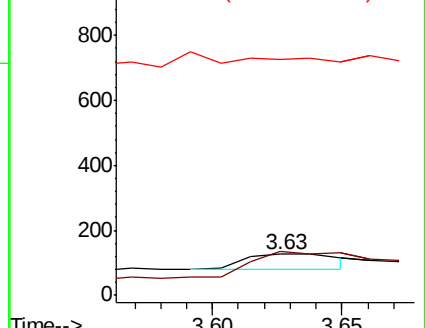
42 100

74 136.9 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: 0.376 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

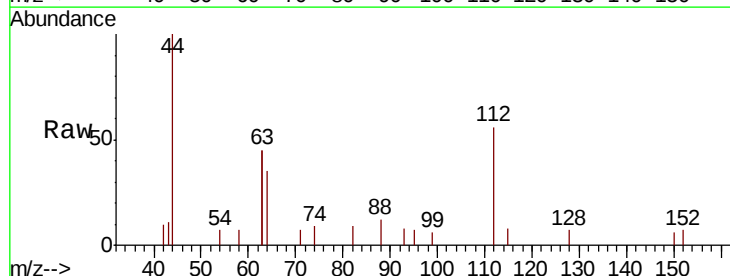
Tgt Ion: 112 Resp: 959

Ion Ratio Lower Upper

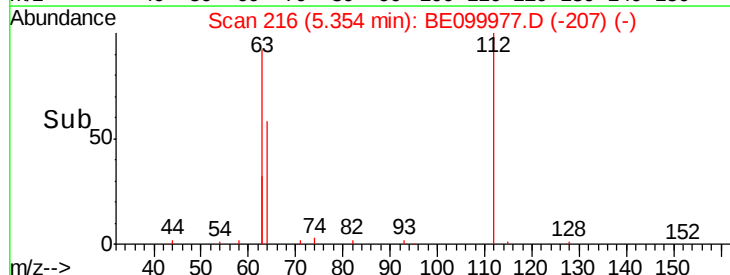
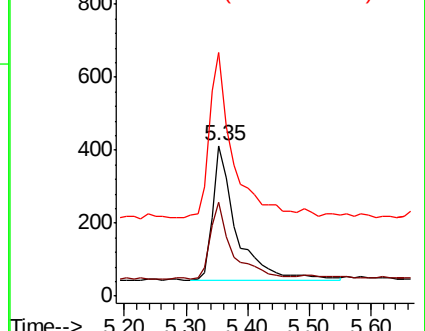
112 100

64 54.0 44.1 66.1

63 123.5 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: 0.379 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

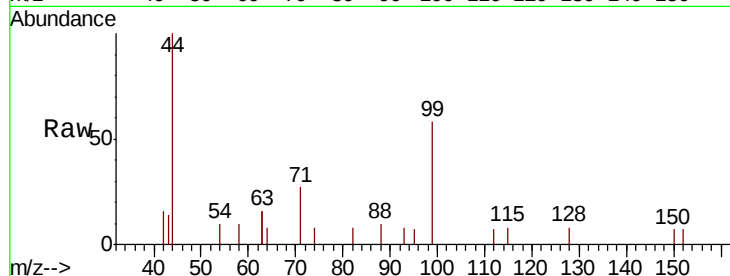
Tgt Ion: 99 Resp: 1246

Ion Ratio Lower Upper

99 100

42 16.5 15.9 23.9

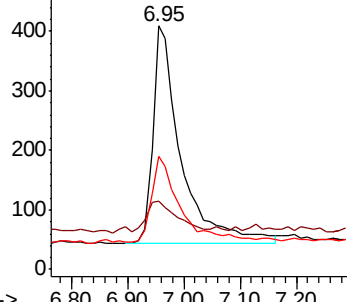
71 40.1 34.6 52.0



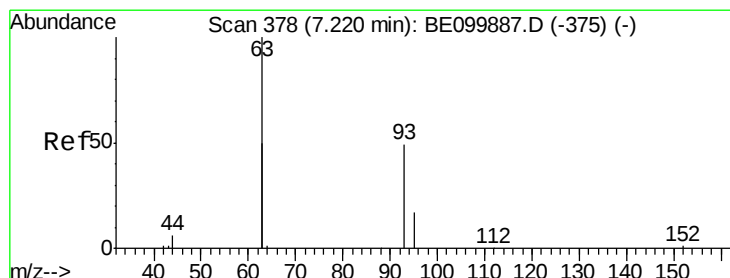
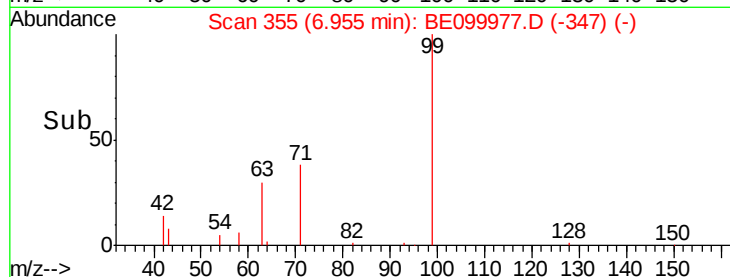
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

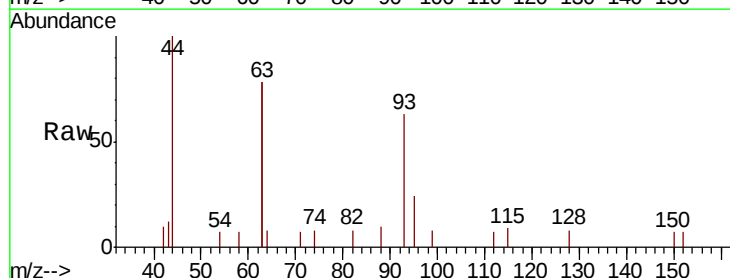
Tgt Ion: 93 Resp: 1061

Ion Ratio Lower Upper

93 100

63 223.1 202.8 304.2

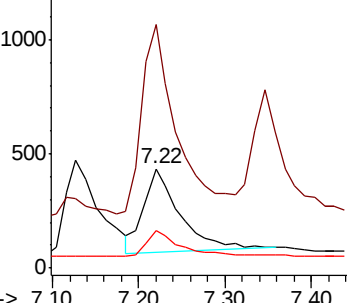
95 30.6 23.7 35.5



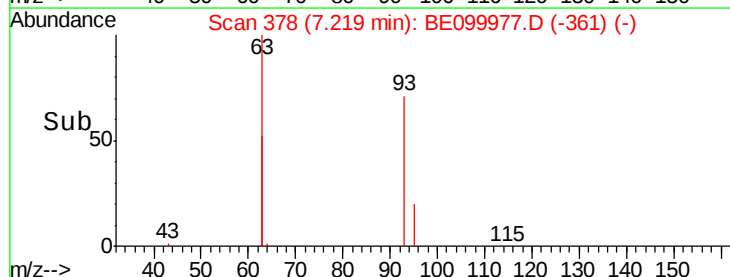
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.10 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

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Tgt Ion: 136 Resp: 3344

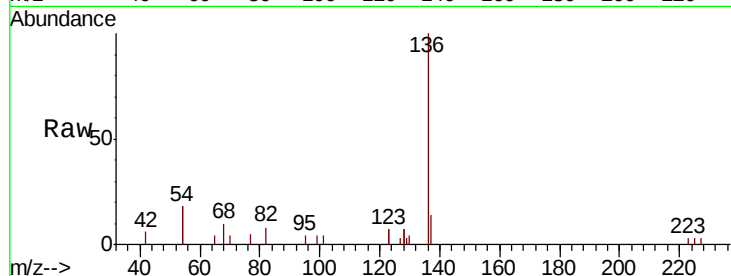
Ion Ratio Lower Upper

136 100

137 14.1 12.3 18.5

54 36.4 28.2 42.4

68 10.1 7.8 11.8

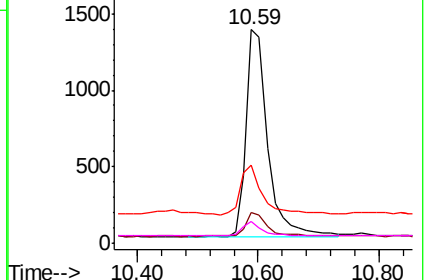
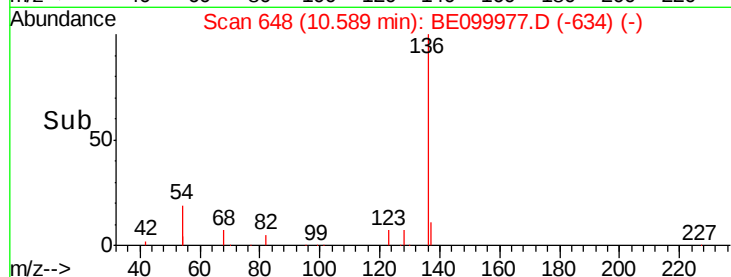


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

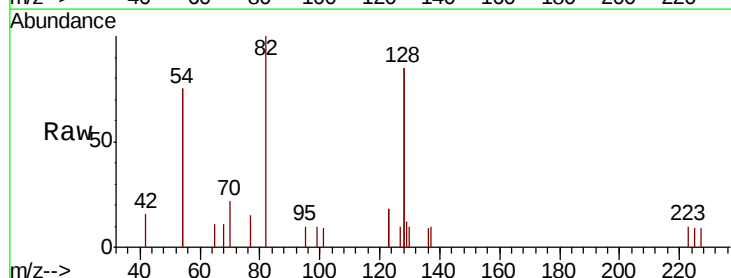
Tgt Ion: 82 Resp: 1288

Ion Ratio Lower Upper

82 100

128 169.6 137.3 205.9

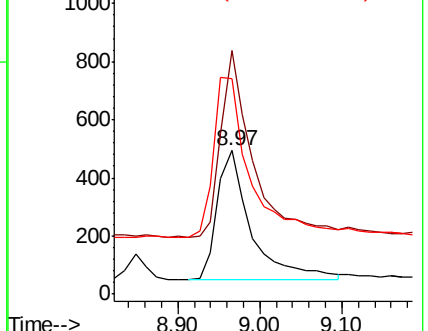
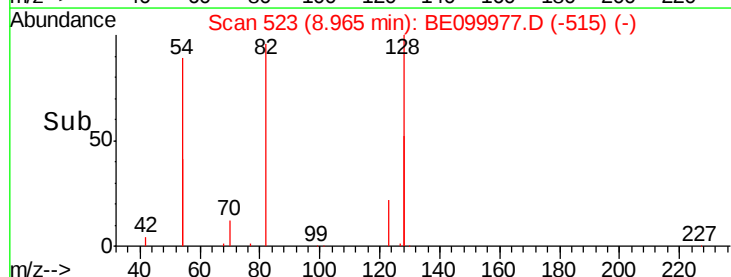
54 150.2 129.7 194.5

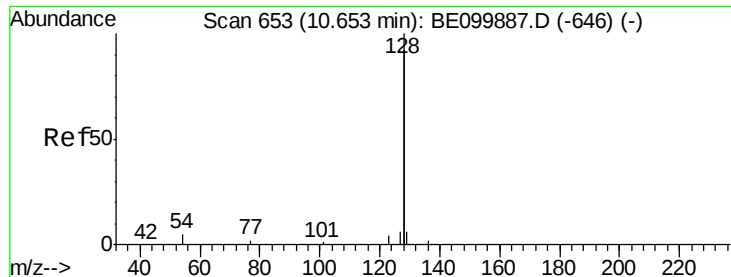


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.420 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

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ClientSampleId :

SSTDCCC0.4EC

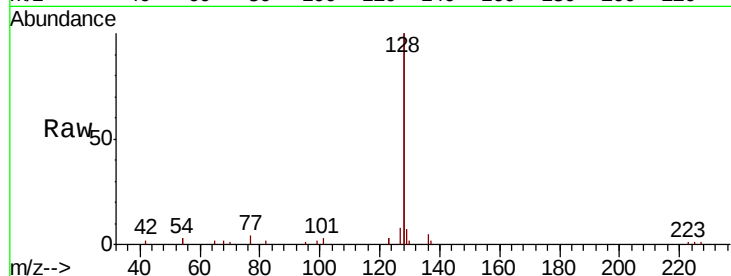
Tgt Ion:128 Resp: 15166

Ion Ratio Lower Upper

128 100

129 3.3 3.0 4.6

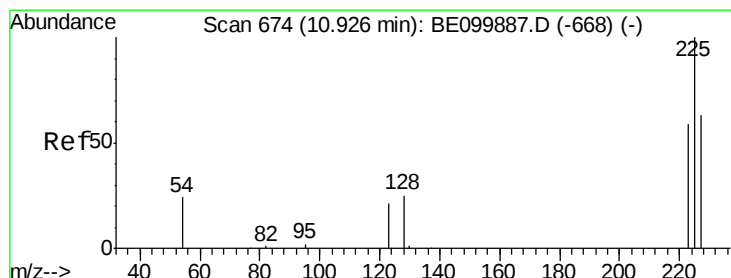
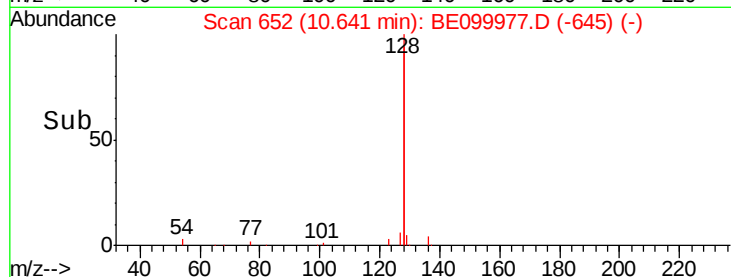
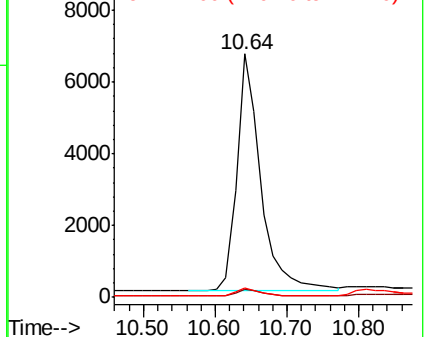
127 3.8 3.4 5.0



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: 0.456 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

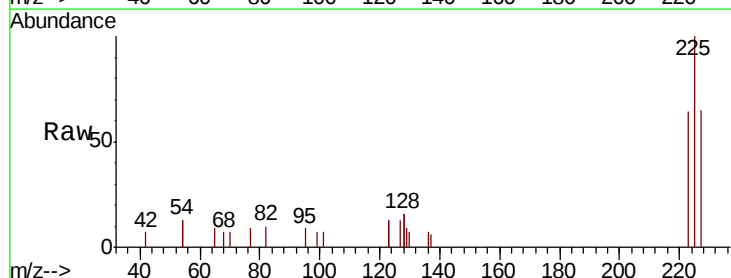
Tgt Ion:225 Resp: 1255

Ion Ratio Lower Upper

225 100

223 62.6 51.6 77.4

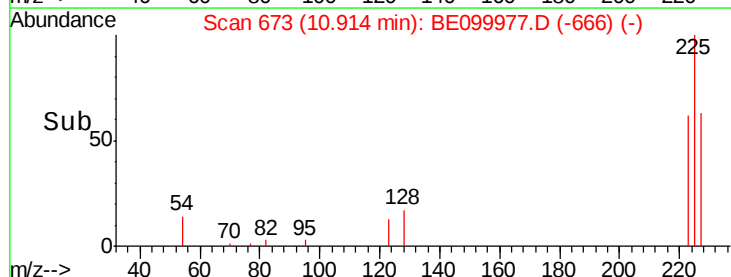
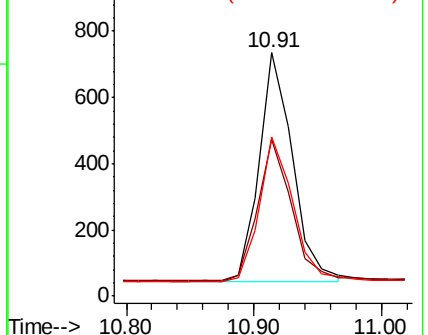
227 63.7 50.6 76.0



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: 0.412 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

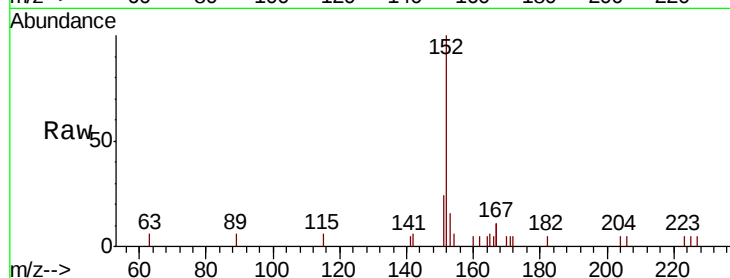
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2403

Ion Ratio Lower Upper

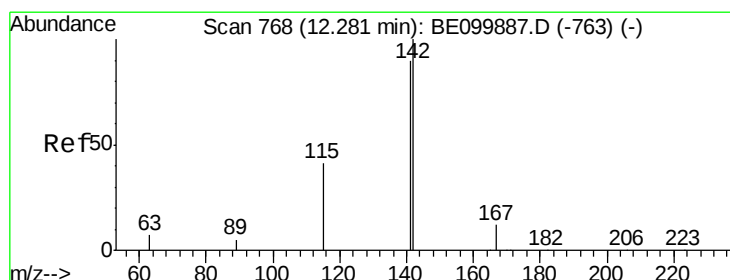
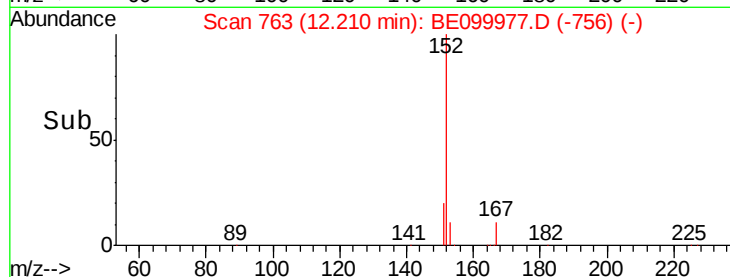
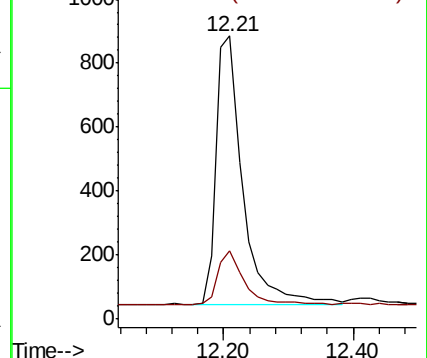
152 100

151 20.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.405 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

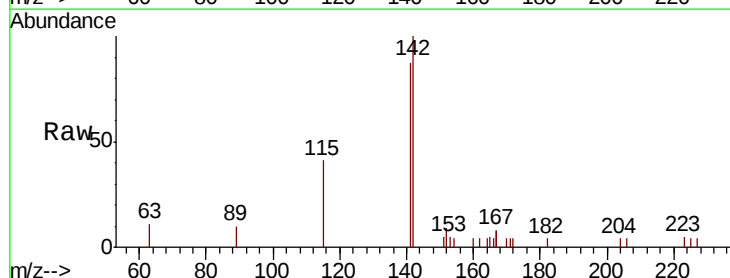
Tgt Ion:142 Resp: 2374

Ion Ratio Lower Upper

142 100

141 87.3 72.3 108.5

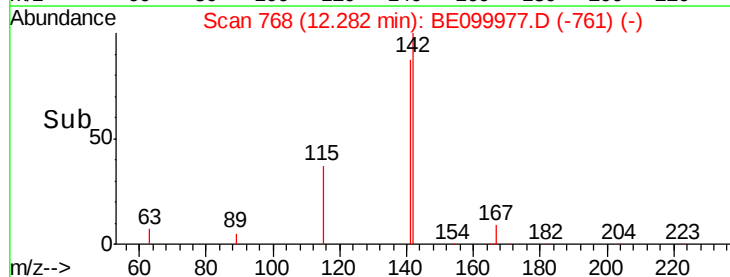
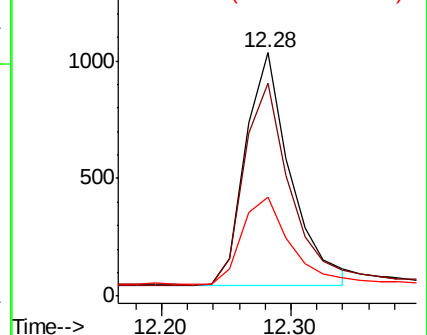
115 40.6 36.4 54.6

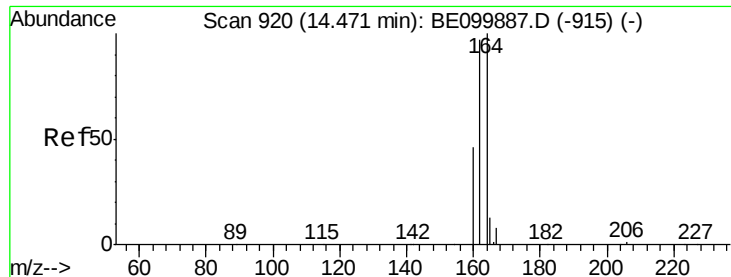


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

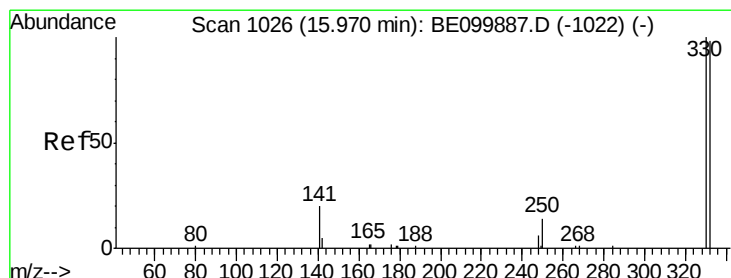
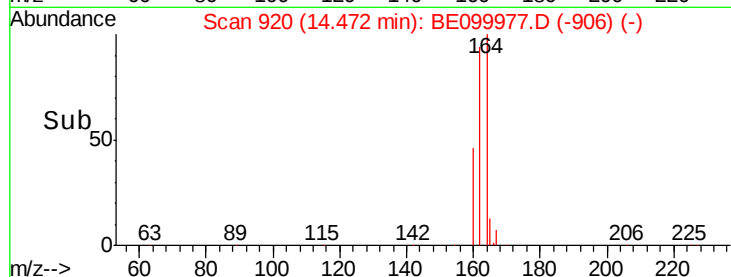
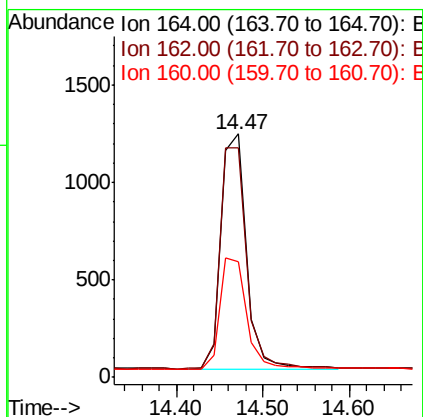
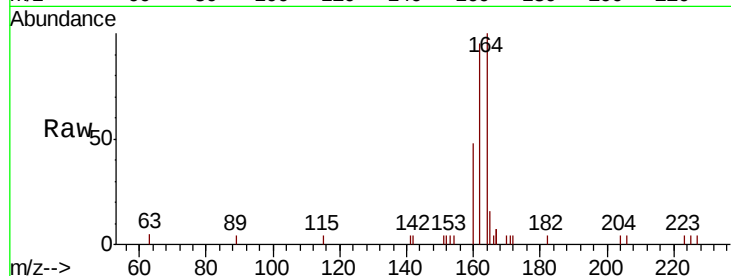




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099977.D
 Acq: 13 Jun 2019 3:40

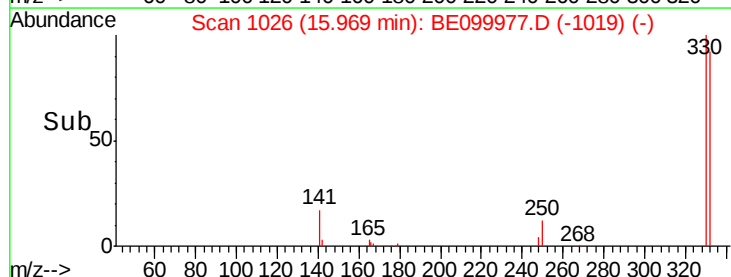
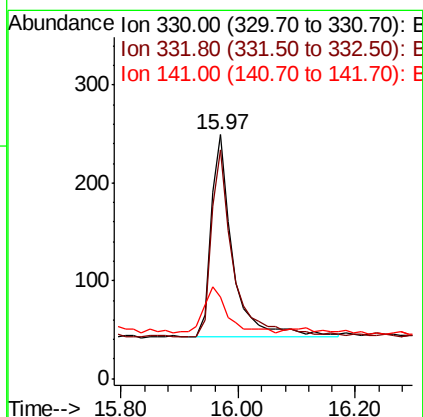
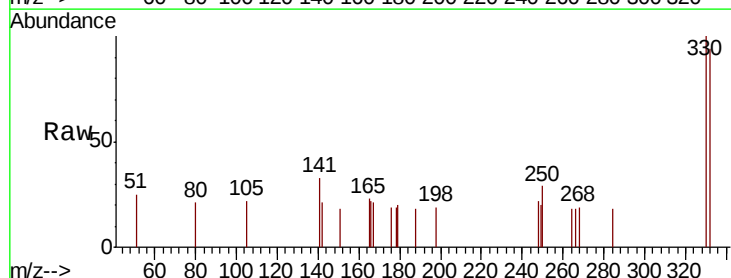
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 2451
 Ion Ratio Lower Upper
 164 100
 162 94.6 77.8 116.8
 160 47.7 38.2 57.4



#14
 2,4,6-Tribromophenol
 Concen: 0.292 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099977.D
 Acq: 13 Jun 2019 3:40

Tgt Ion:330 Resp: 529
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.7 115.1
 141 23.4 21.0 31.6

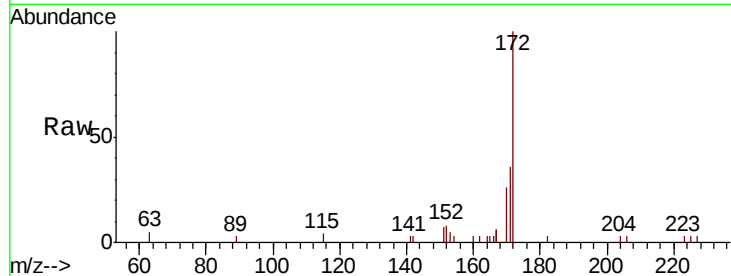




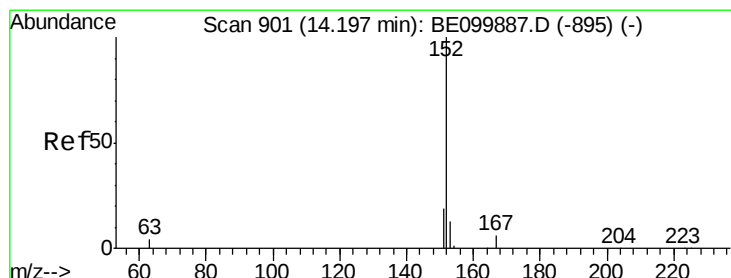
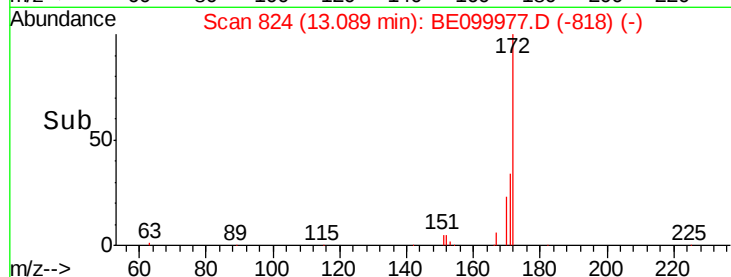
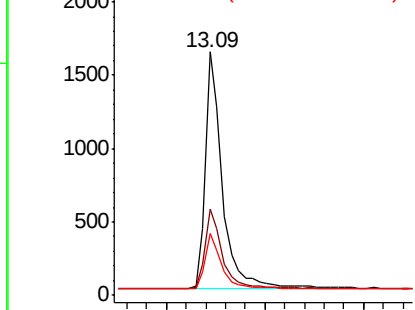
#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099977.D
Acq: 13 Jun 2019 3:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3933
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 25.6 21.2 31.8

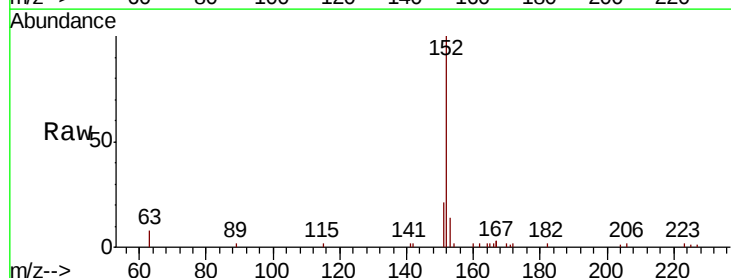


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

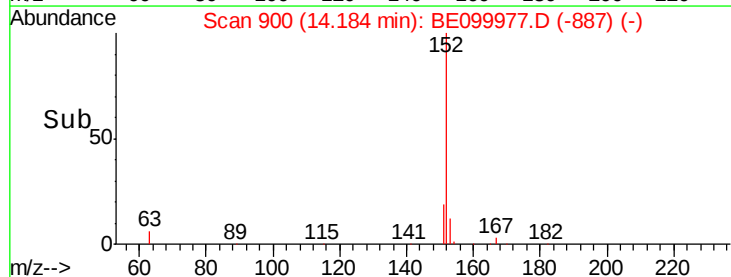
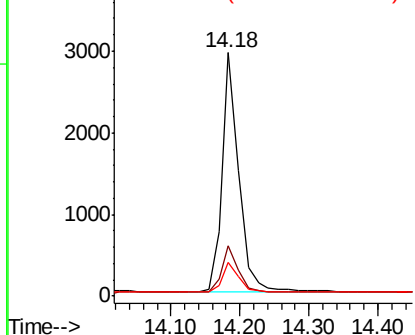


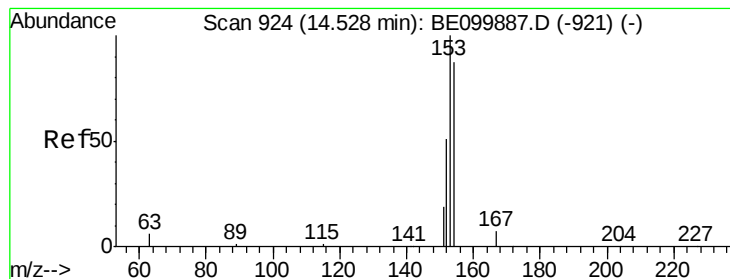
#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099977.D
Acq: 13 Jun 2019 3:40

Tgt Ion:152 Resp: 5014
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.0 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: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

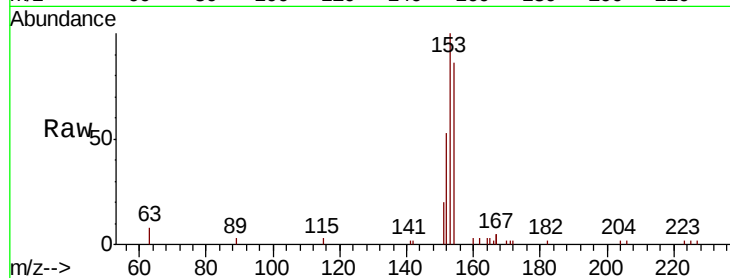
Tgt Ion:154 Resp: 2654

Ion Ratio Lower Upper

154 100

153 118.5 93.1 139.7

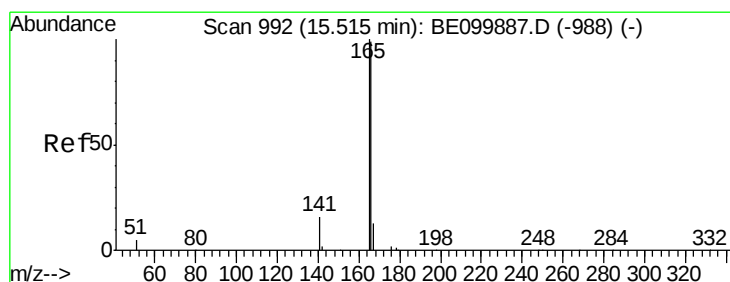
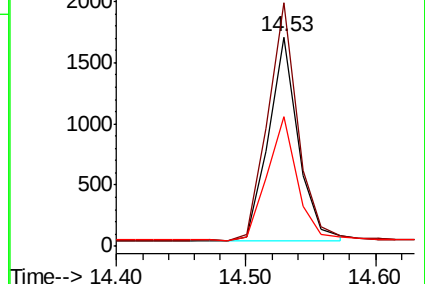
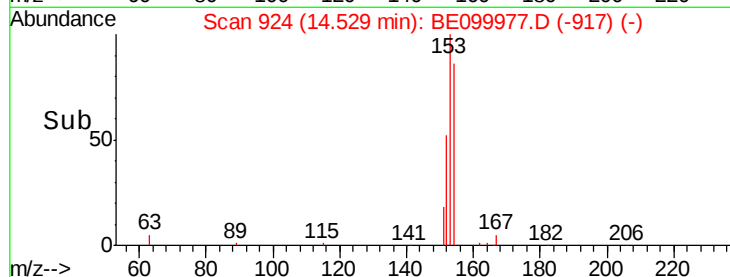
152 61.6 47.0 70.4



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: 0.387 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

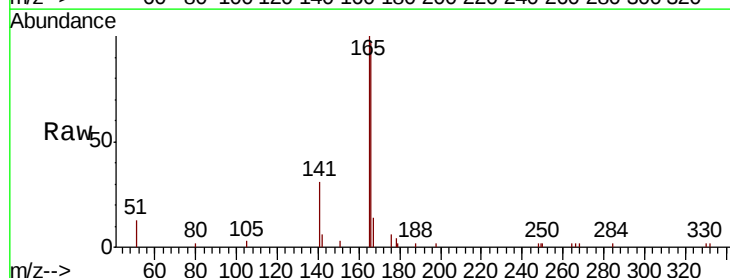
Tgt Ion:166 Resp: 3854

Ion Ratio Lower Upper

166 100

165 100.8 81.8 122.8

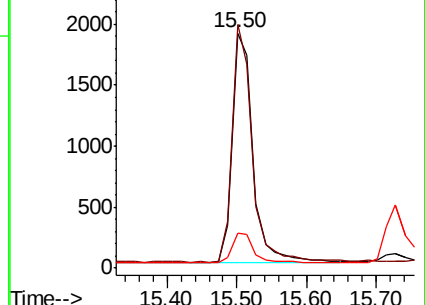
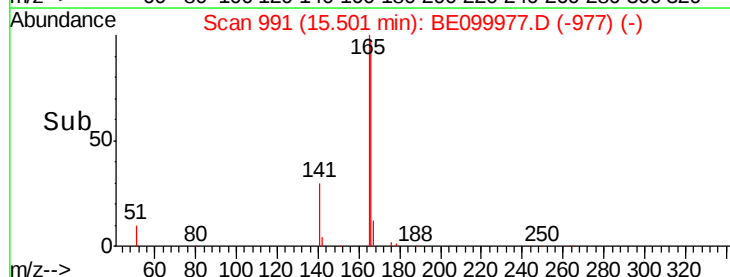
167 13.4 11.2 16.8



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

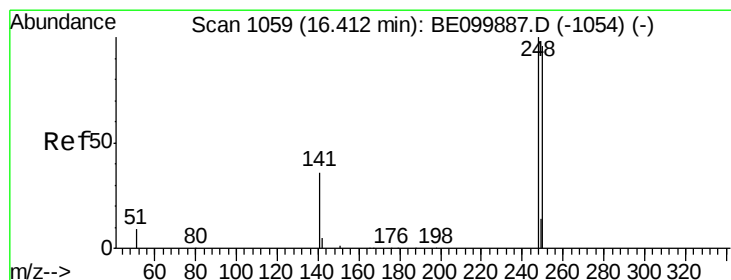
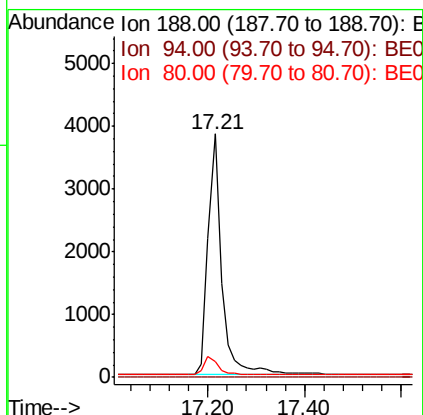
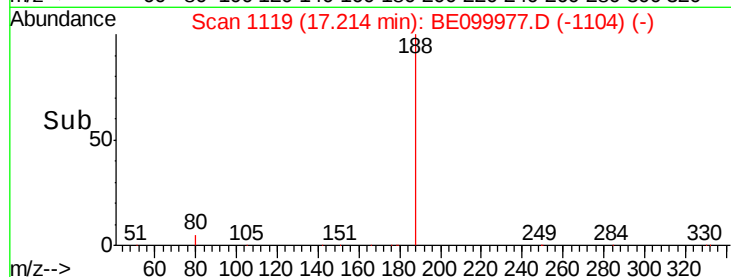
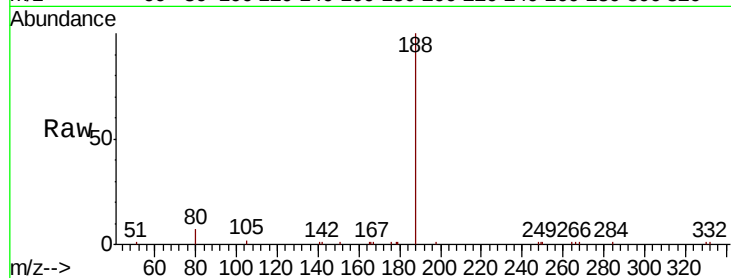
Tgt Ion:188 Resp: 7305

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.6 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.409 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

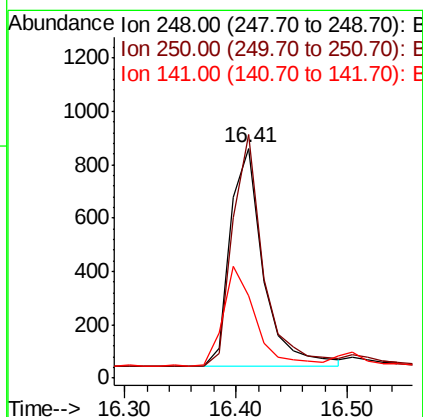
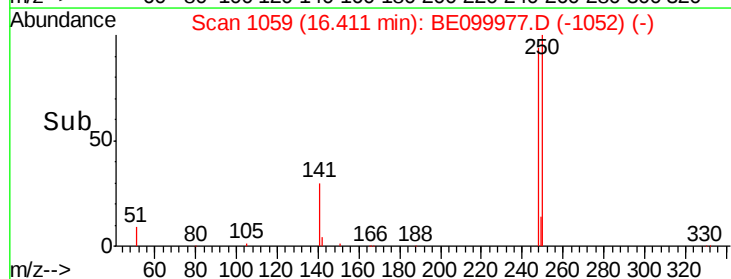
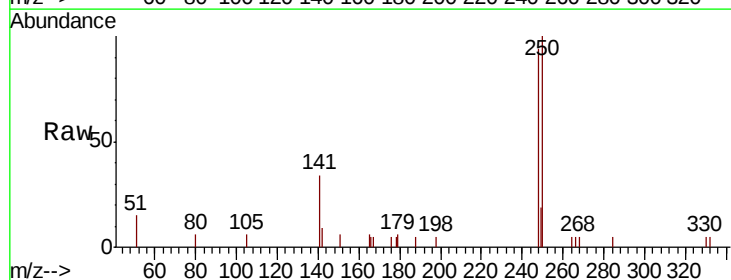
Tgt Ion:248 Resp: 1693

Ion Ratio Lower Upper

248 100

250 106.0 77.5 116.3

141 35.8 31.8 47.8





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

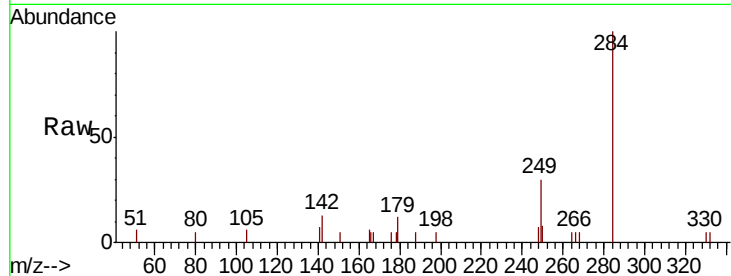
Tgt Ion:284 Resp: 1794

Ion Ratio Lower Upper

284 100

142 23.7 18.2 27.4

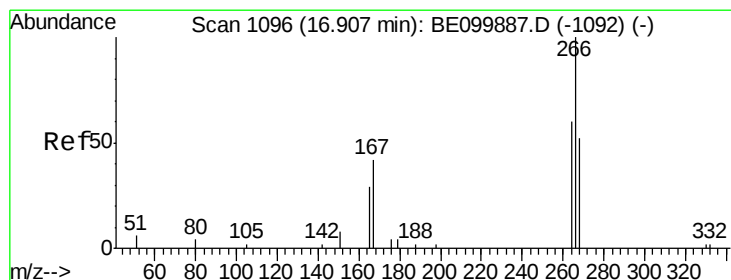
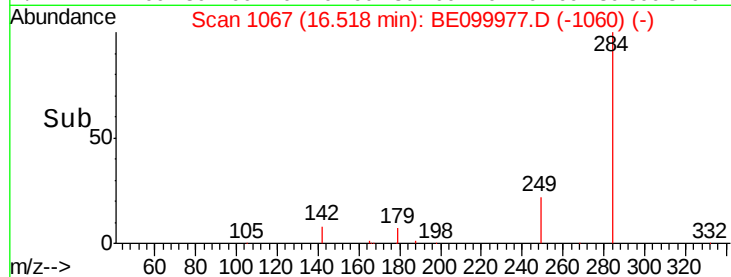
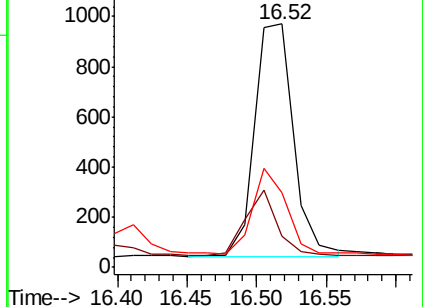
249 30.9 24.6 37.0



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: 0.462 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

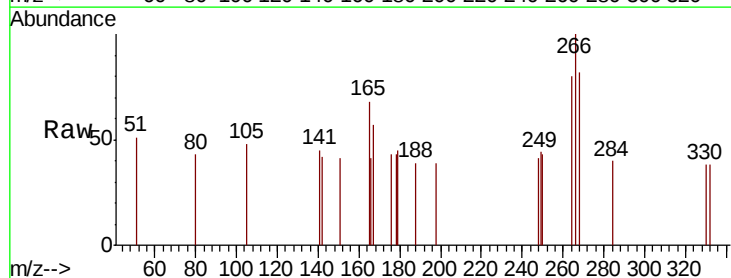
Tgt Ion:266 Resp: 330

Ion Ratio Lower Upper

266 100

264 80.0 62.2 93.2

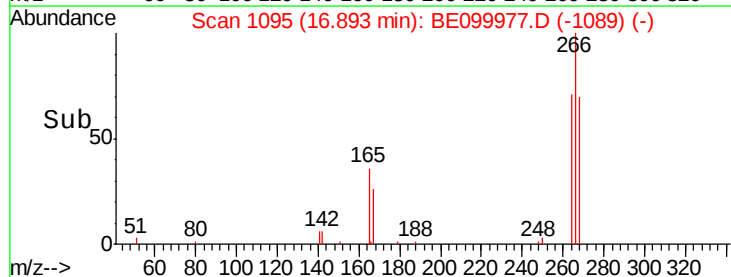
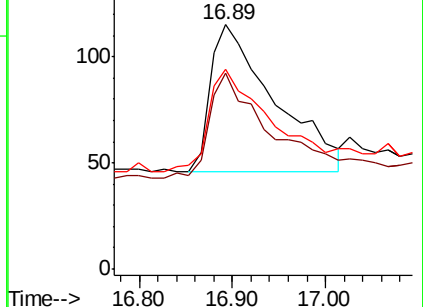
268 81.7 65.5 98.3

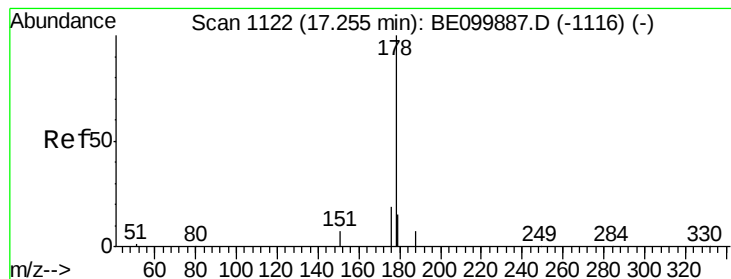


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

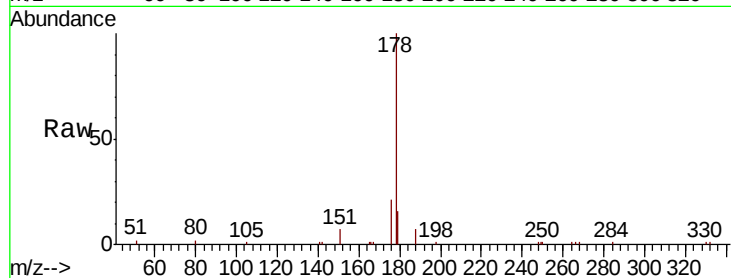
Tgt Ion:178 Resp: 7005

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

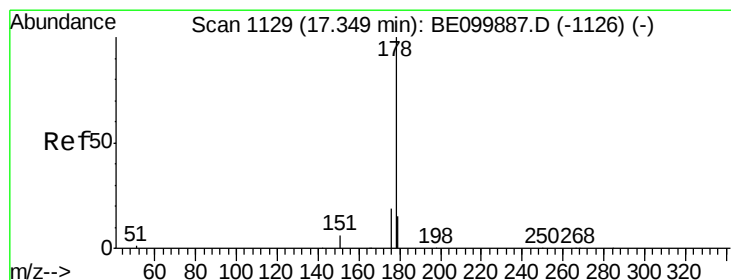
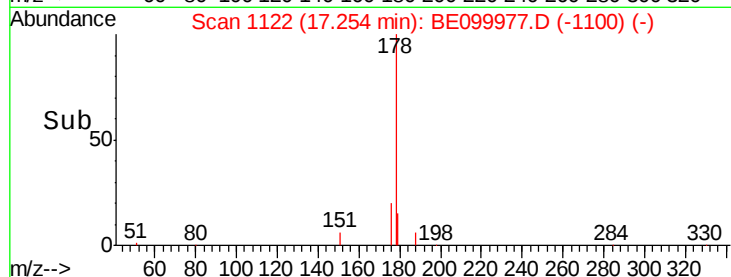
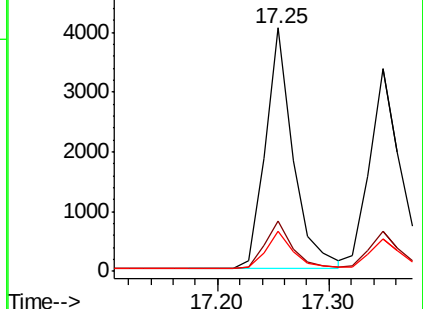
179 15.4 12.4 18.6



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: 0.377 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

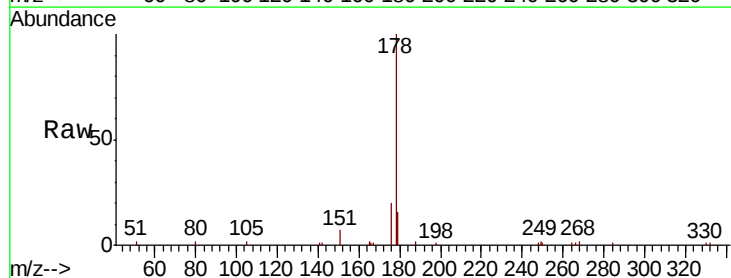
Tgt Ion:178 Resp: 6131

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

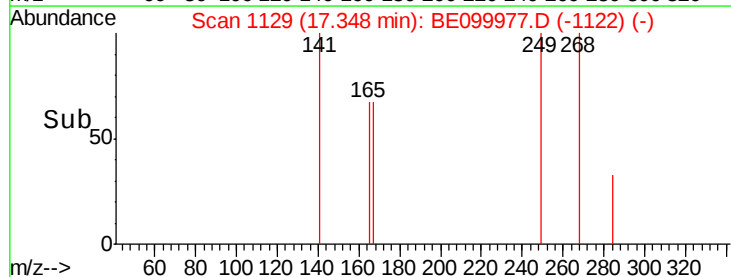
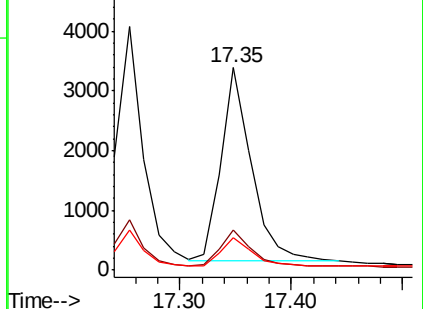
179 15.3 12.3 18.5



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: 0.358 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

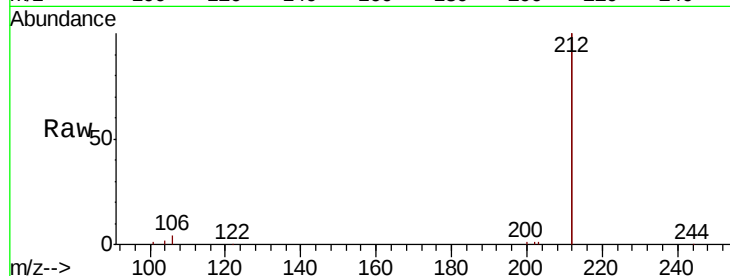
Instrument :

BNA_E

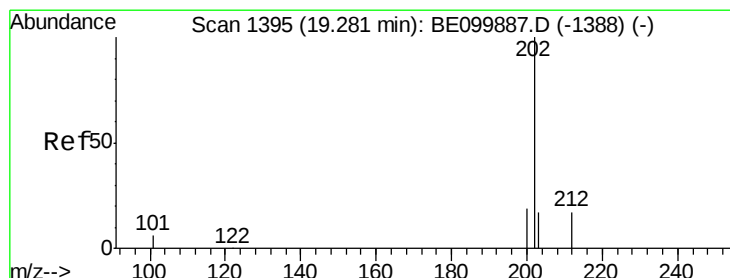
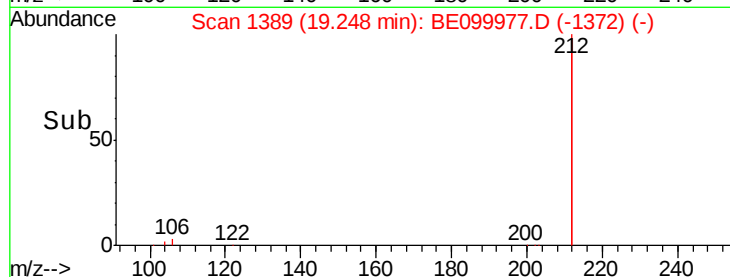
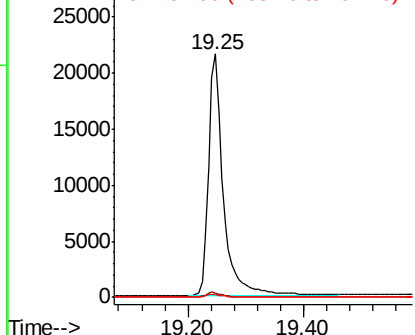
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	212	Resp:	38069
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: 0.367 ng

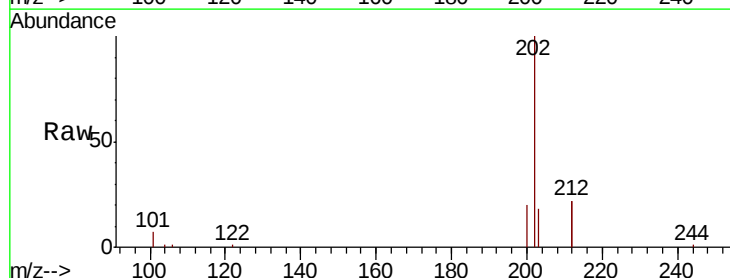
RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

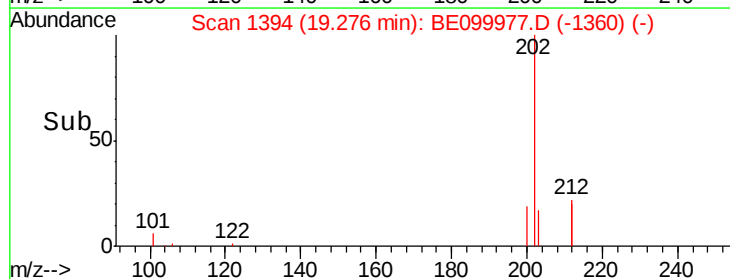
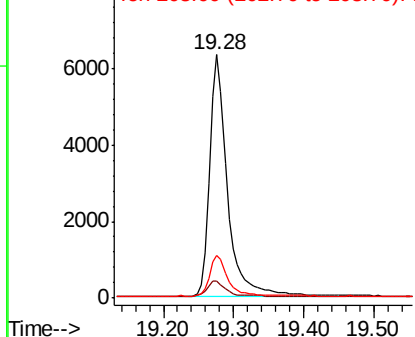
Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Tgt Ion:	202	Resp:	11058
Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	16.7	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

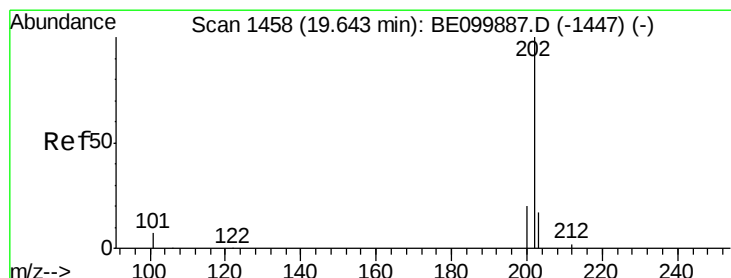
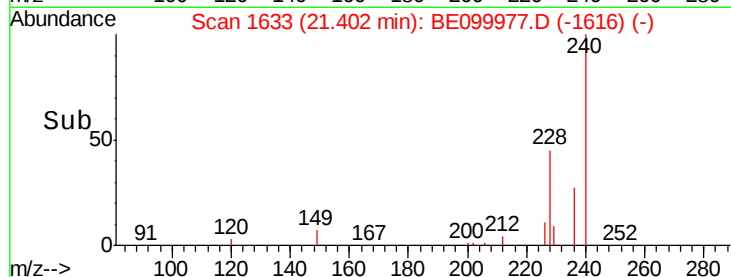
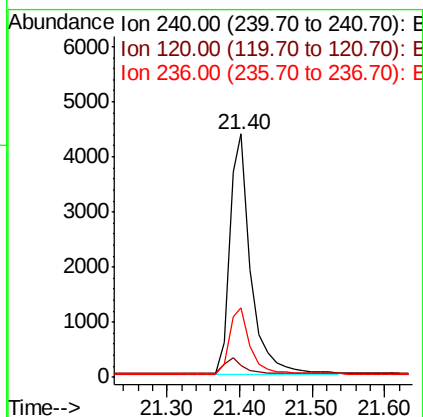
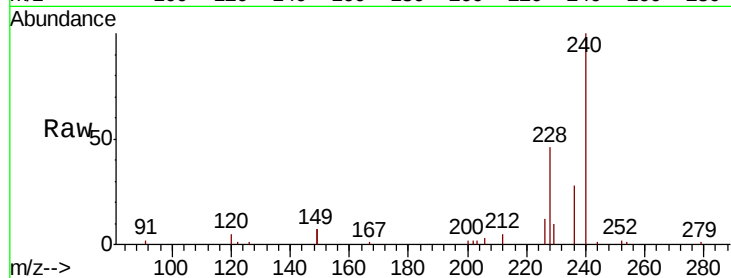




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099977.D
Acq: 13 Jun 2019 3:40

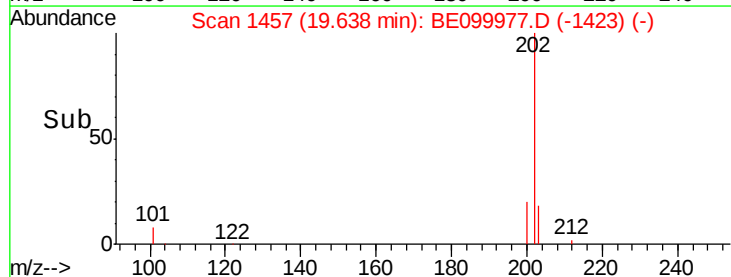
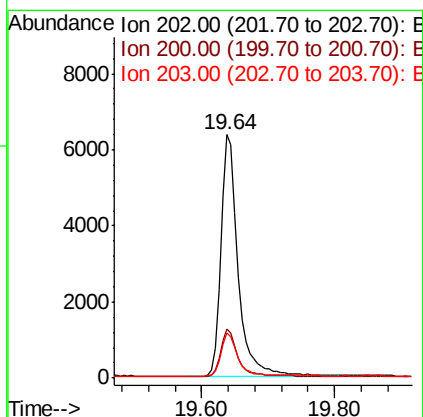
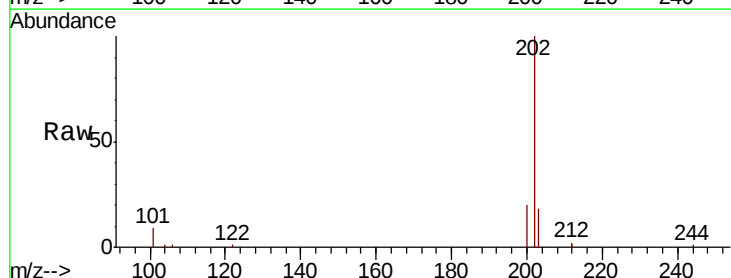
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 240 Resp: 9000
Ion Ratio Lower Upper
240 100
120 5.0 3.8 5.6
236 28.3 22.0 33.0



#28
Pyrene
Concen: 0.475 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BE099977.D
Acq: 13 Jun 2019 3:40

Tgt Ion: 202 Resp: 11231
Ion Ratio Lower Upper
202 100
200 19.3 15.5 23.3
203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 0.450 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

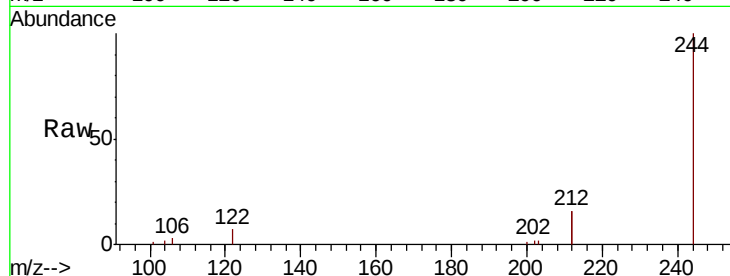
Tgt Ion:244 Resp: 7288

Ion Ratio Lower Upper

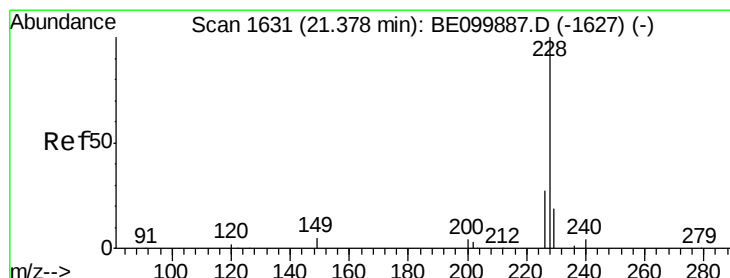
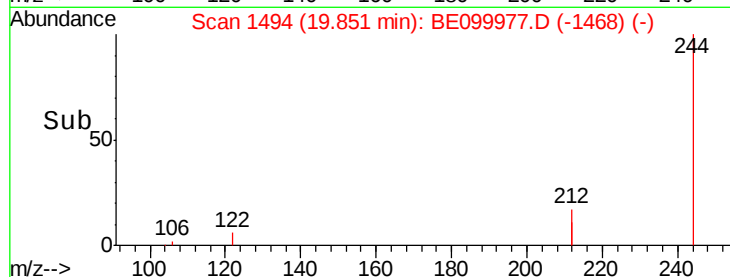
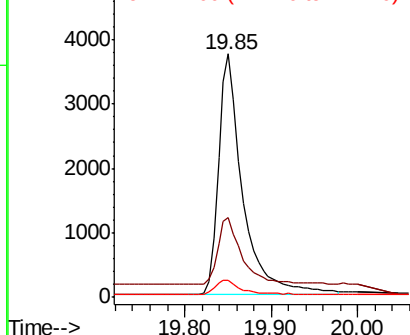
244 100

212 33.0 25.7 38.5

122 6.9 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: 0.449 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

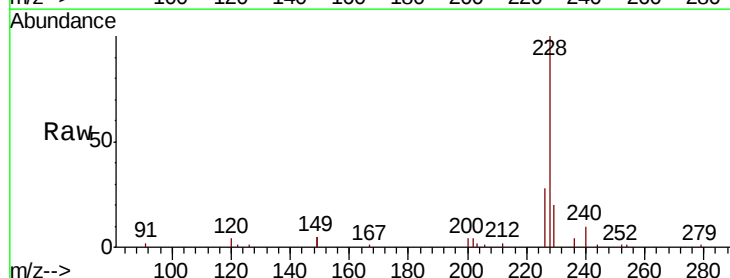
Tgt Ion:228 Resp: 12076

Ion Ratio Lower Upper

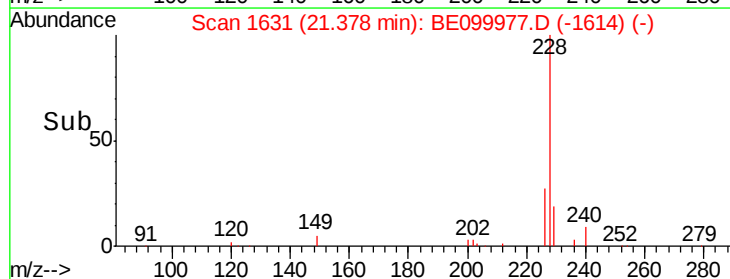
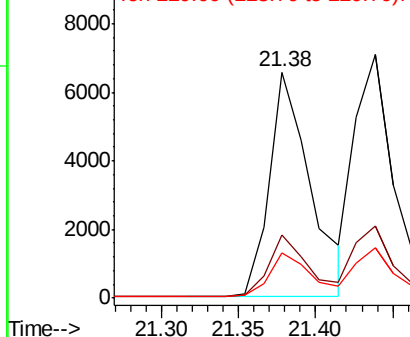
228 100

226 27.6 22.5 33.7

229 20.0 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: 0.454 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

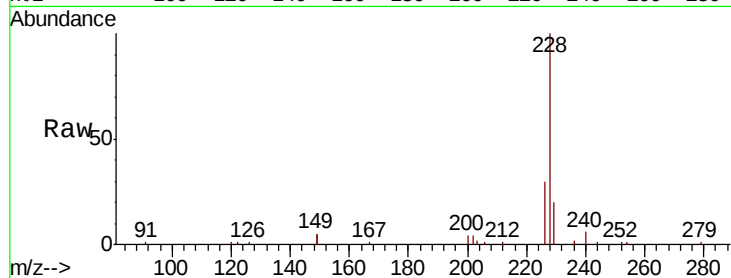
Tgt Ion:228 Resp: 12629

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

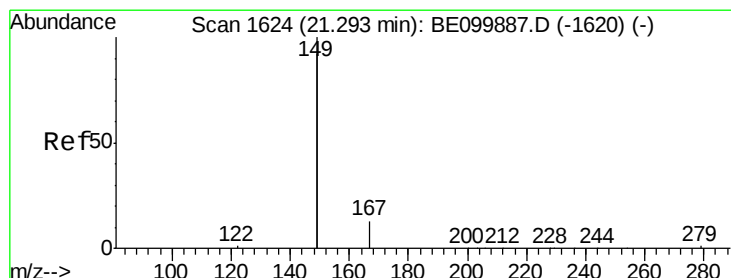
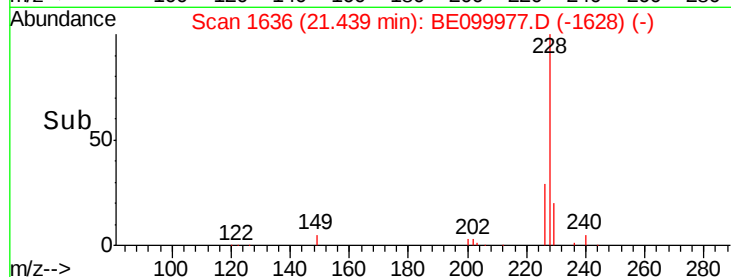
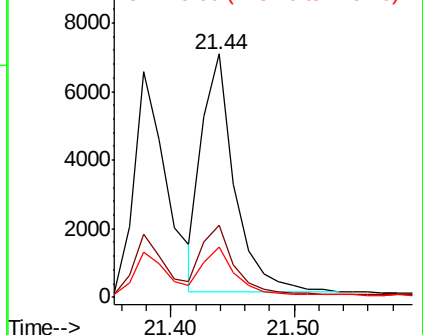
229 20.5 16.1 24.1



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: 0.373 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

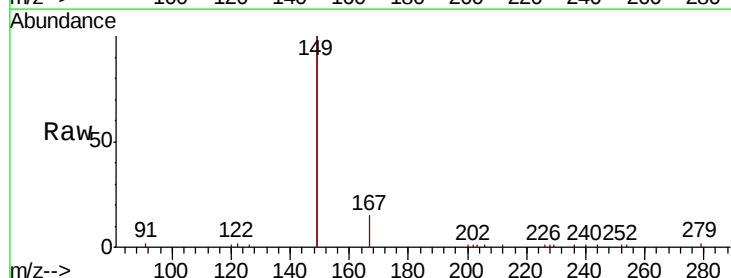
Tgt Ion:149 Resp: 14401

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

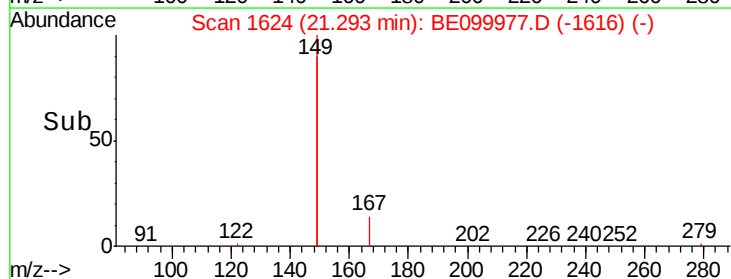
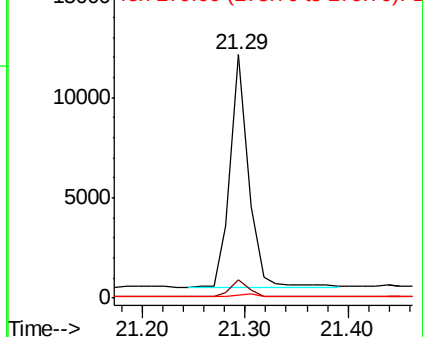
279 1.3 1.2 1.8

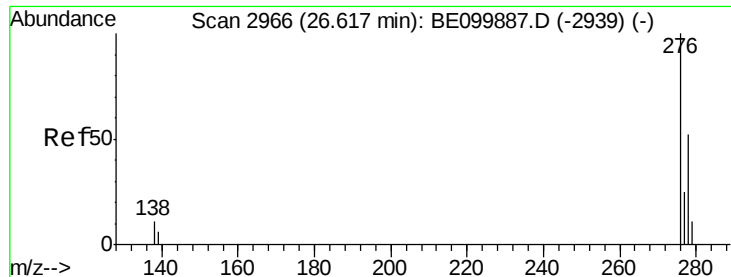


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.447 ng

RT: 26.60 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

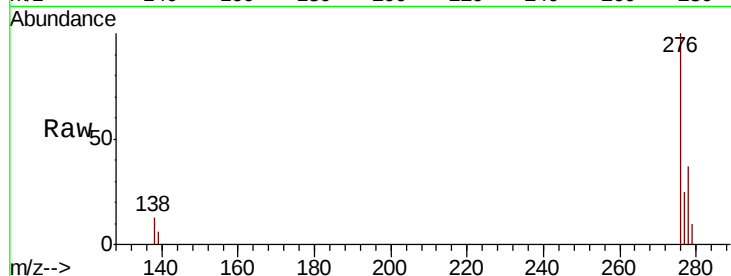
Tgt Ion: 276 Resp: 14727

Ion Ratio Lower Upper

276 100

138 13.2 10.1 15.1

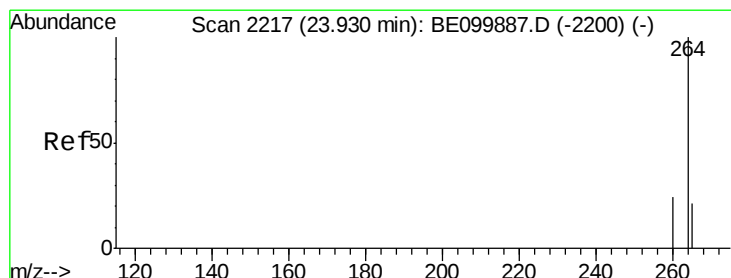
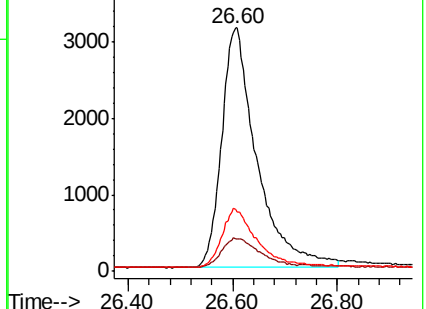
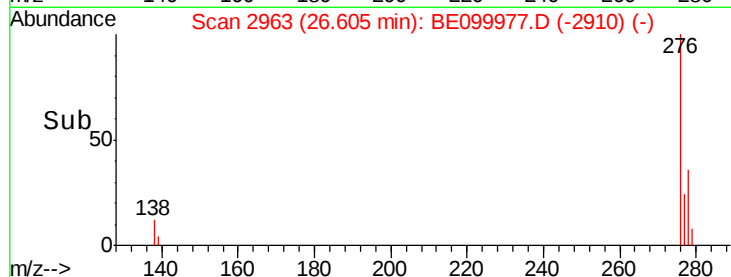
277 24.2 19.1 28.7



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# 2216

Delta R.T. -0.00 min

Lab File: BE099977.D

Acq: 13 Jun 2019 3:40

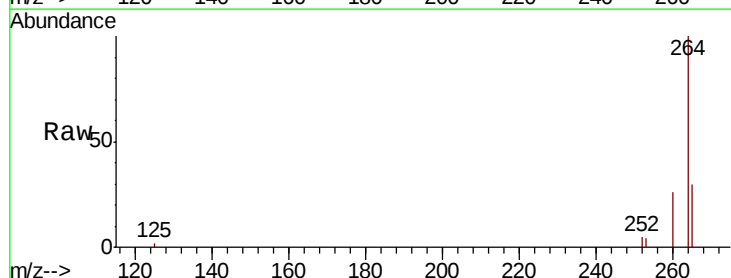
Tgt Ion: 264 Resp: 10276

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

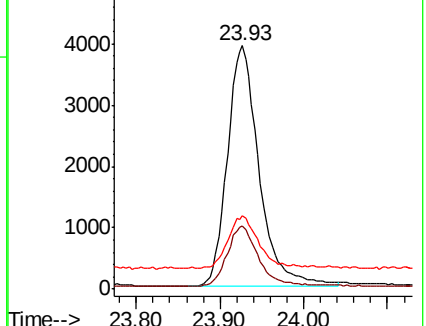
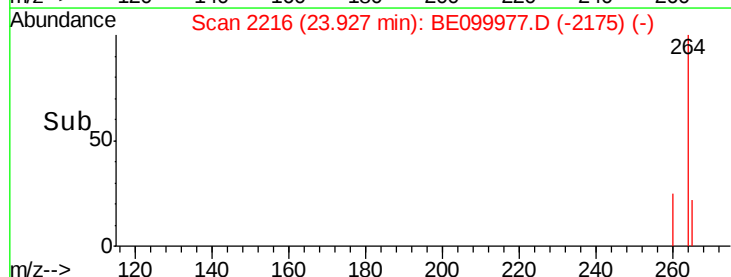
265 30.1 22.0 33.0

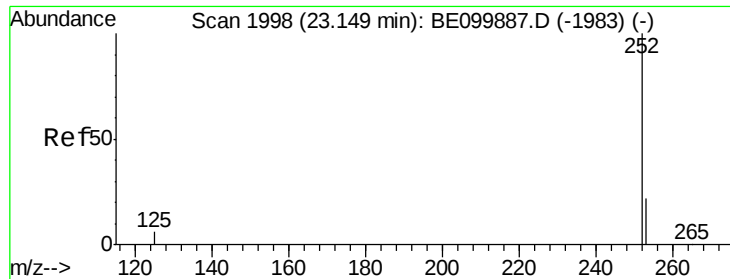


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

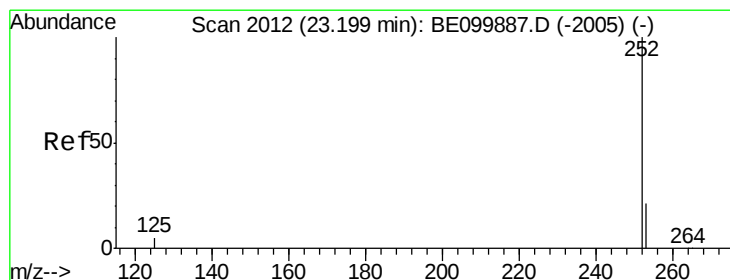
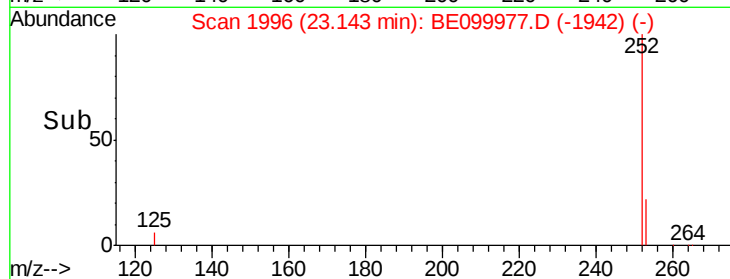
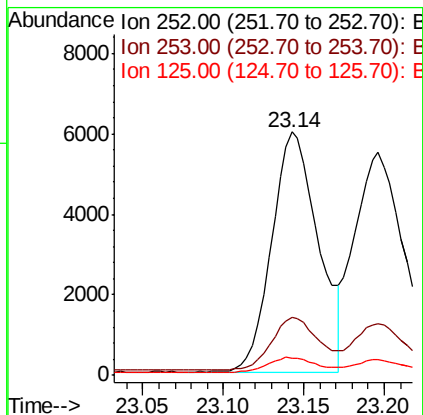
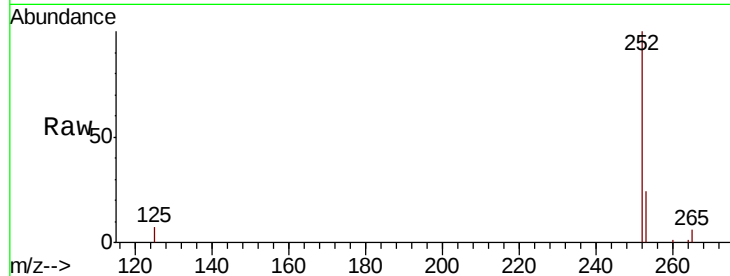




#35
Benzo(b)fluoranthene
Concen: 0.419 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099977.D
Acq: 13 Jun 2019 3:40

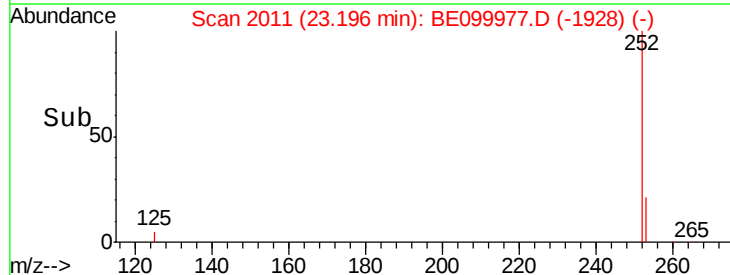
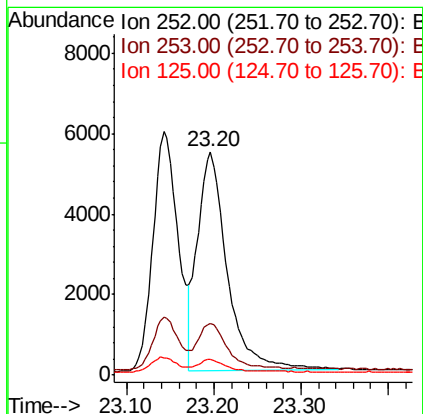
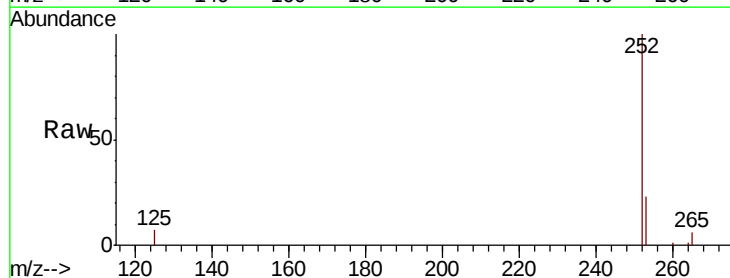
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12053
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 7.3 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE099977.D
Acq: 13 Jun 2019 3:40

Tgt Ion:252 Resp: 12797
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 6.8 5.4 8.0

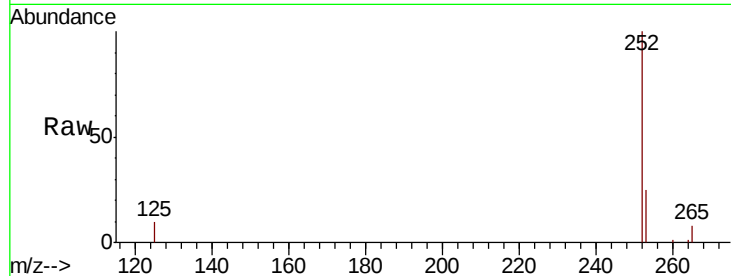




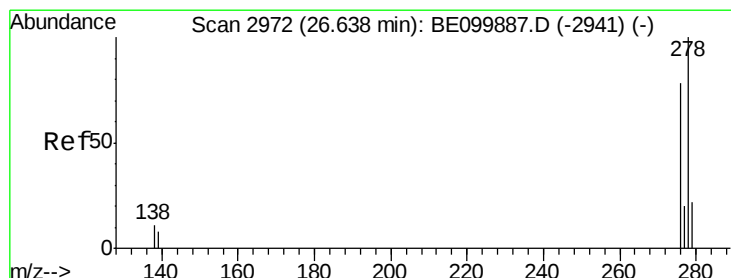
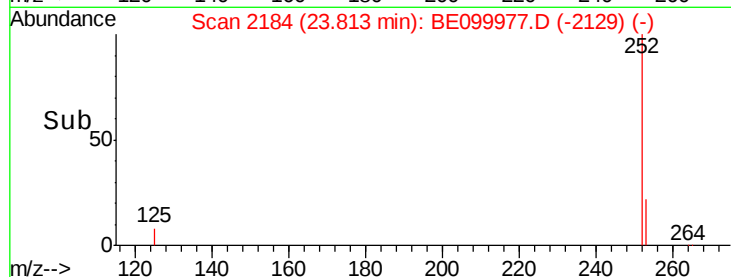
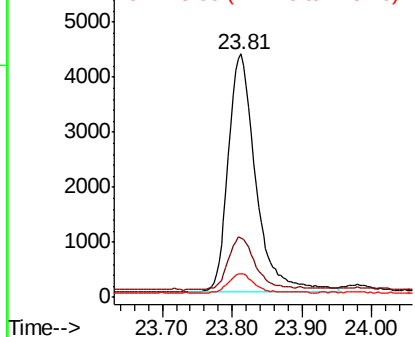
#37
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE099977.D
Acq: 13 Jun 2019 3:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 252 Resp: 11851
Ion Ratio Lower Upper
252 100
253 24.6 19.6 29.4
125 9.7 6.6 10.0

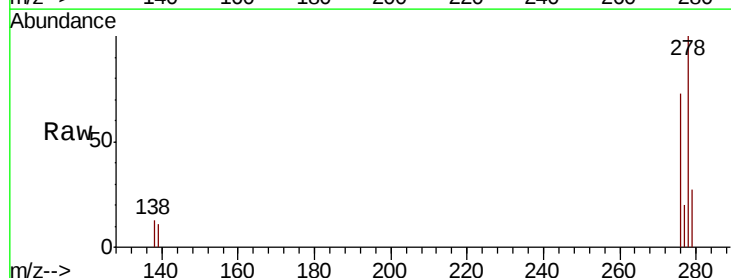


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

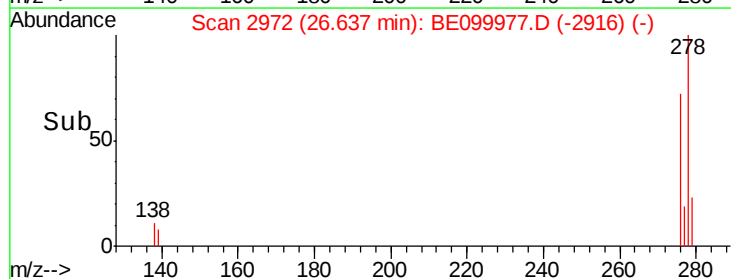
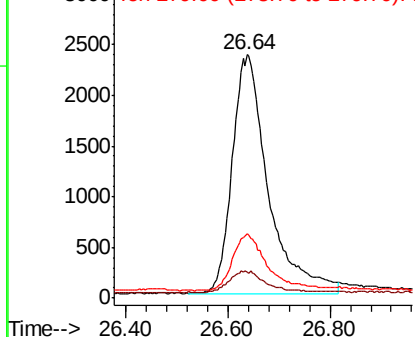


#38
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 26.64 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE099977.D
Acq: 13 Jun 2019 3:40

Tgt Ion: 278 Resp: 11502
Ion Ratio Lower Upper
278 100
139 10.5 7.8 11.8
279 26.6 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: 0.429 ng

RT: 27.43 min Scan# 3194

Delta R.T. -0.00 min

Lab File: BE099977.D

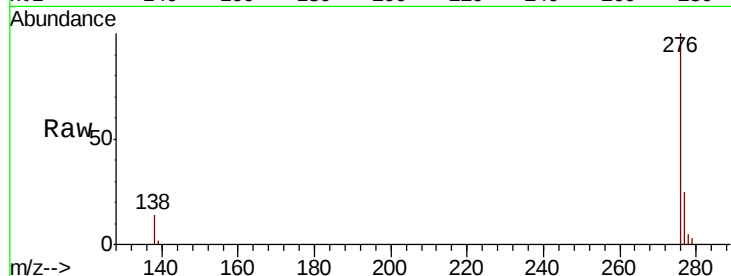
Acq: 13 Jun 2019 3:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 12661

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 13.6 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

