

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041519\
 Data File : BE099328.D
 Acq On : 15 Apr 2019 16:29
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 15 19:00:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	5259	0.40	ng	-0.03
7) Naphthalene-d8	10.61	136	20471	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	14853	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	42675	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	53217	0.40	ng	-0.02
34) Perylene-d12	23.86	264	53596	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	5687	0.41	ng	-0.03
5) Phenol-d6	6.97	99	8357	0.43	ng	-0.01
8) Nitrobenzene-d5	8.96	82	6691	0.48	ng	-0.03
11) 2-Methylnaphthalene-d10	12.21	152	15361	0.43	ng	-0.02
14) 2,4,6-Tribromophenol	15.94	330	2680	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	24536	0.42	ng	-0.02
25) Fluoranthene-d10	19.22	212	221112	0.39	ng	-0.02
29) Terphenyl-d14	19.82	244	44799	0.46	ng	-0.02

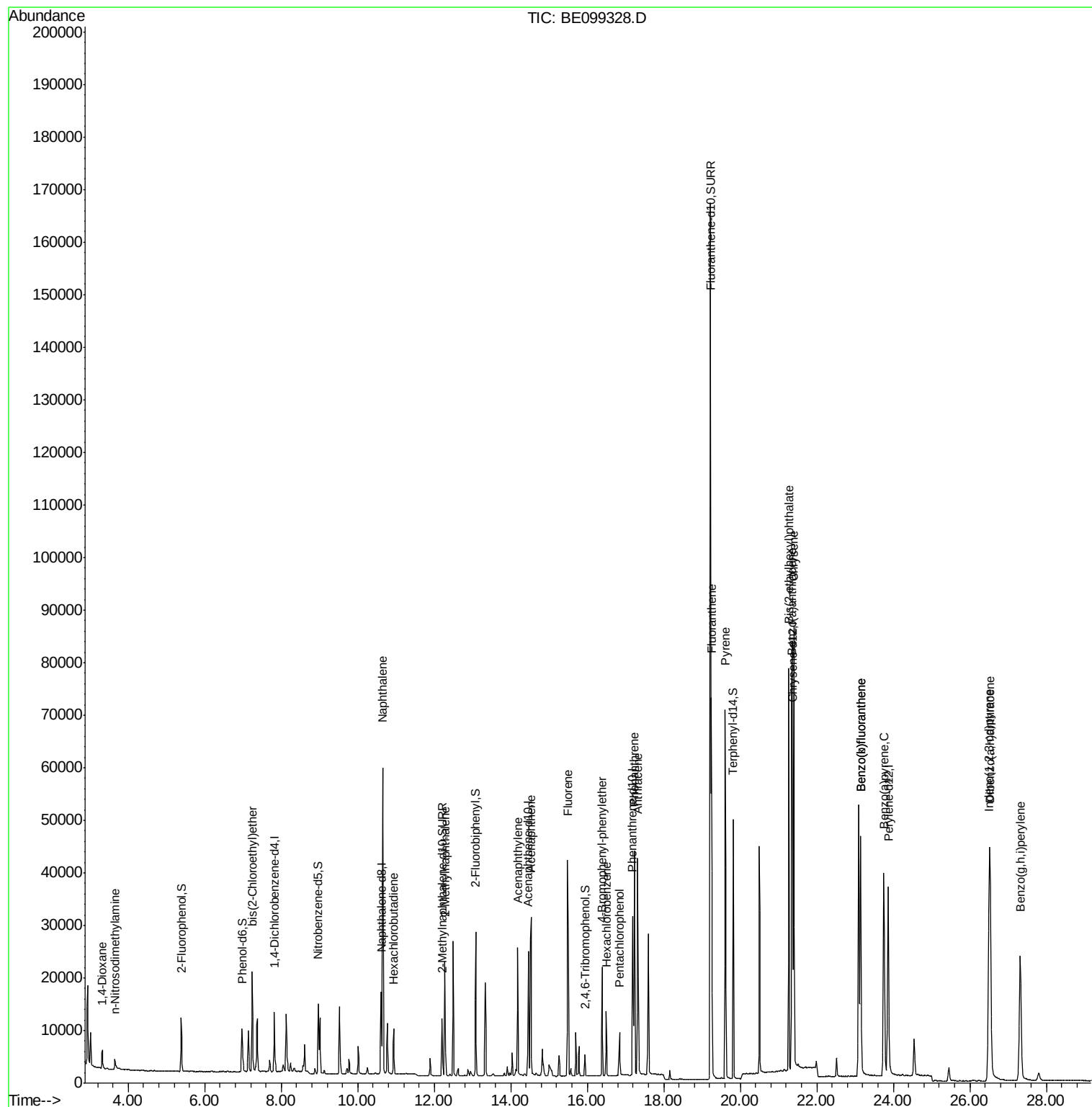
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	3055	0.426	ng	98
3) n-Nitrosodimethylamine	3.65	42	1714	0.405	ng	# 95
6) bis(2-Chloroethyl)ether	7.24	93	7314	0.425	ng	99
9) Naphthalene	10.65	128	96778	0.435	ng	99
10) Hexachlorobutadiene	10.94	225	6065	0.419	ng	98
12) 2-Methylnaphthalene	12.28	142	16136	0.426	ng	96
16) Acenaphthylene	14.18	152	27983	0.398	ng	99
17) Acenaphthene	14.53	154	17533	0.422	ng	99
18) Fluorene	15.49	166	24910	0.415	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	9726	0.402	ng	# 82
21) Hexachlorobenzene	16.49	284	9579	0.415	ng	99
22) Pentachlorophenol	16.84	266	4545	0.475	ng	87
23) Phenanthrene	17.23	178	47932	0.434	ng	100
24) Anthracene	17.32	178	42577	0.409	ng	100
26) Fluoranthene	19.25	202	64667	0.397	ng	99
28) Pyrene	19.61	202	66659	0.474	ng	99
30) Benzo(a)anthracene	21.34	228	67976	0.406	ng	98
31) Chrysene	21.40	228	70273	0.428	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	77137	0.361	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	74890	0.399	ng	97
35) Benzo(b)fluoranthene	23.14	252	68062	0.426	ng	99
36) Benzo(k)fluoranthene	23.14	252	68475	0.440	ng	99
37) Benzo(a)pyrene	23.75	252	61757	0.411	ng	# 94
38) Dibenzo(a,h)anthracene	26.53	278	61802	0.413	ng	# 96
39) Benzo(g,h,i)perylene	27.32	276	61403	0.412	ng	99

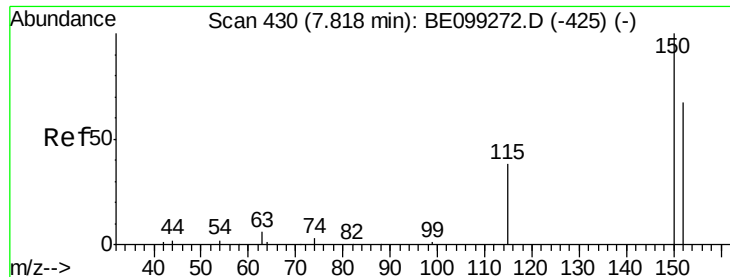
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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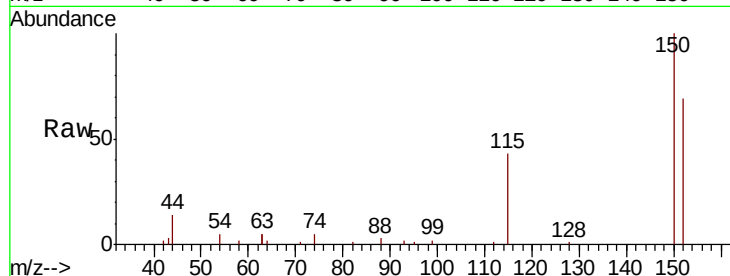


#1

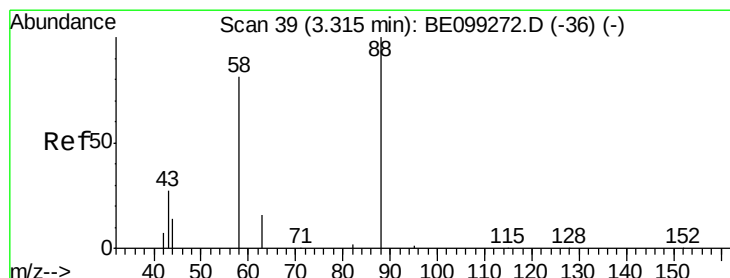
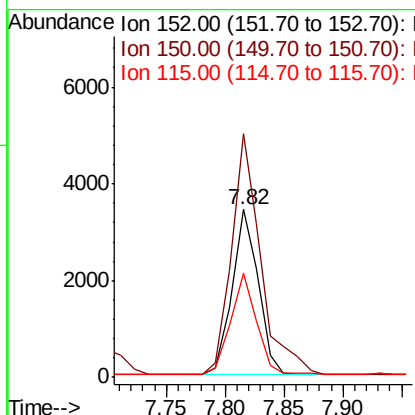
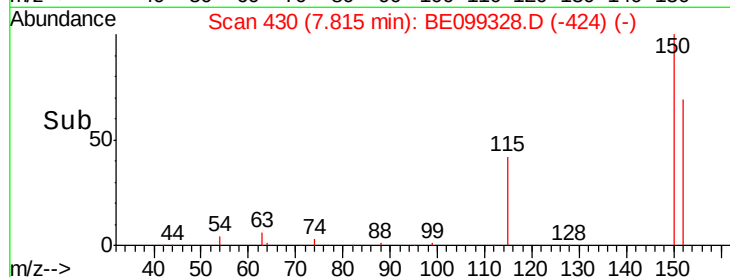
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 5259
Ion Ratio Lower Upper
152 100
150 145.2 112.8 169.2
115 62.0 45.1 67.7



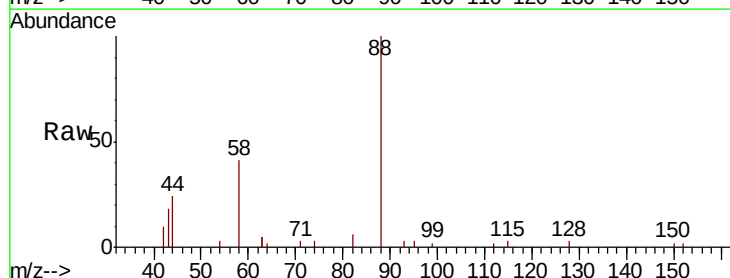
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



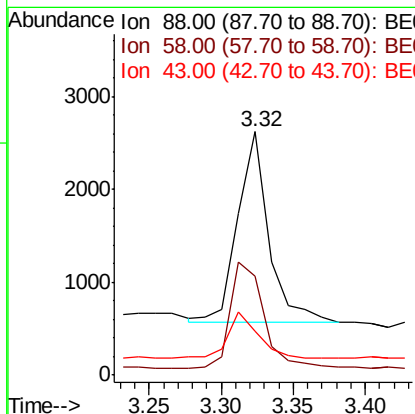
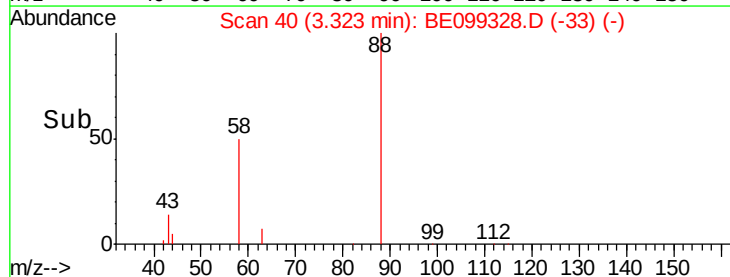
#2

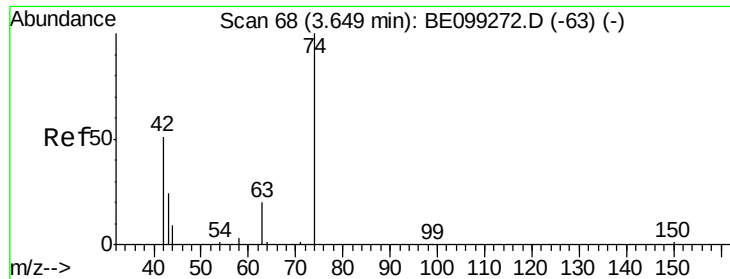
1,4-Dioxane
Concen: 0.426 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion: 88 Resp: 3055
Ion Ratio Lower Upper
88 100
58 59.8 47.4 71.0
43 22.9 15.6 23.4



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: 0.405 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

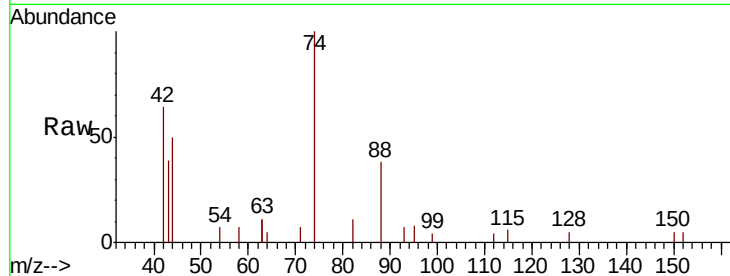
Tot Ion: 42 Resp: 1714

Ion Ratio Lower Upper

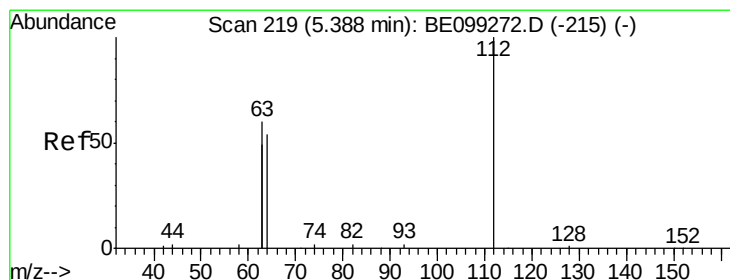
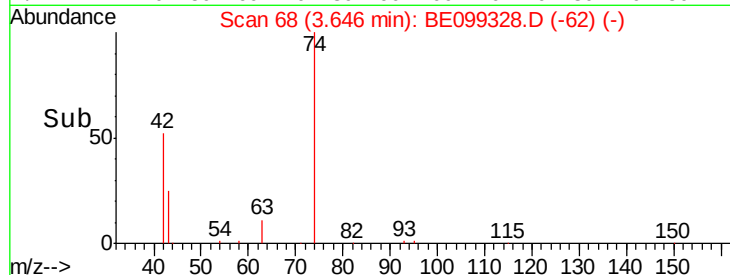
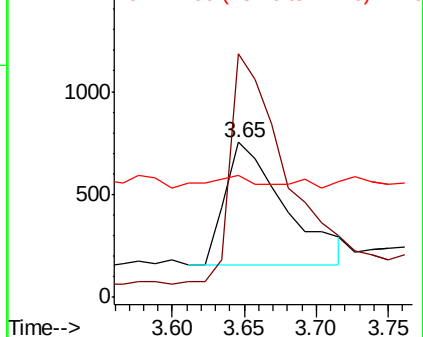
42 100

74 177.9 138.6 207.8

44 8.5 15.0 22.6#



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: 0.407 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

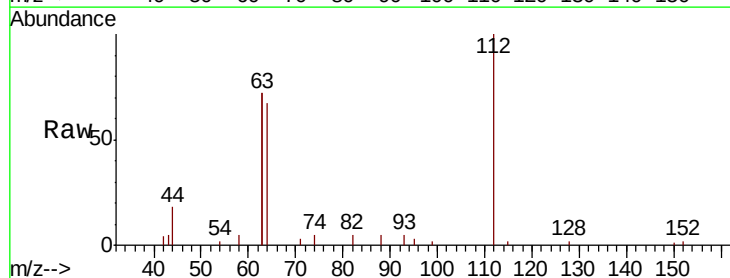
Tgt Ion: 112 Resp: 5687

Ion Ratio Lower Upper

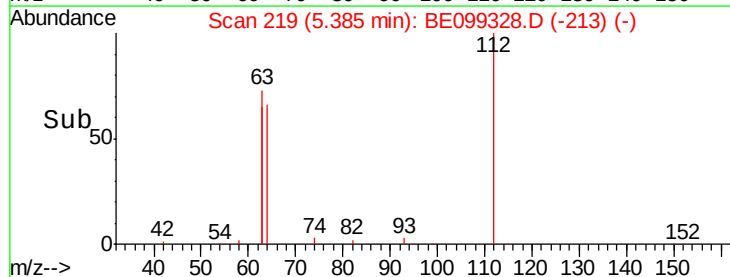
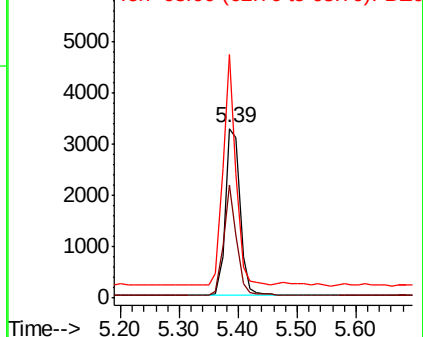
112 100

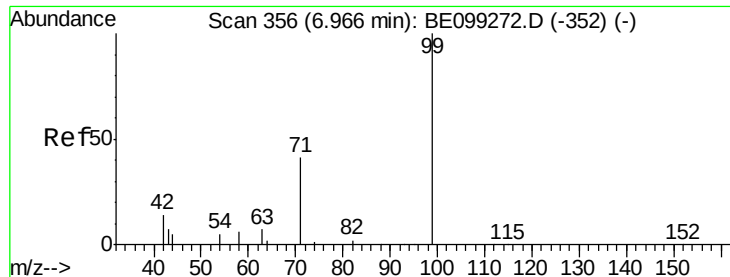
64 58.6 46.2 69.2

63 118.5 89.9 134.9



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: 0.435 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

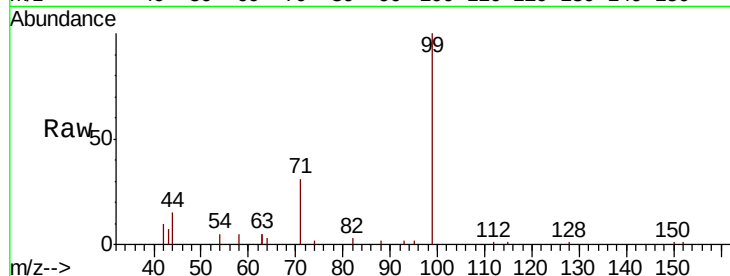
Tot Ion: 99 Resp: 8357

Ion Ratio Lower Upper

99 100

42 15.0 12.4 18.6

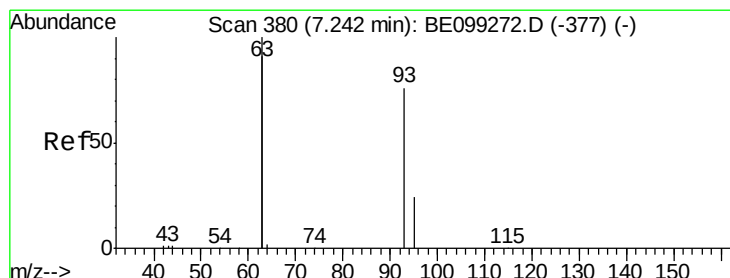
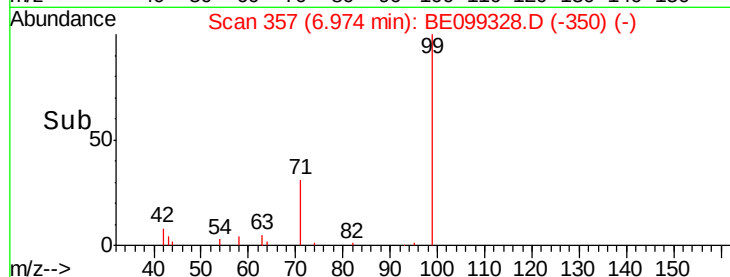
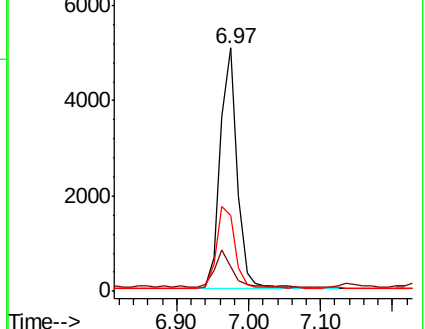
71 37.1 28.4 42.6



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: 0.425 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

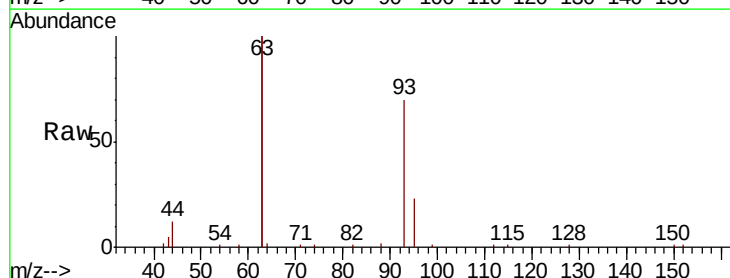
Tgt Ion: 93 Resp: 7314

Ion Ratio Lower Upper

93 100

63 277.7 221.4 332.0

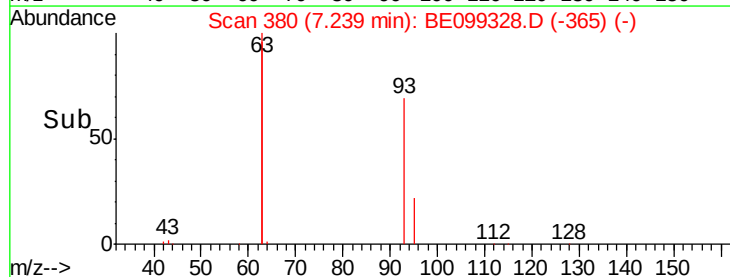
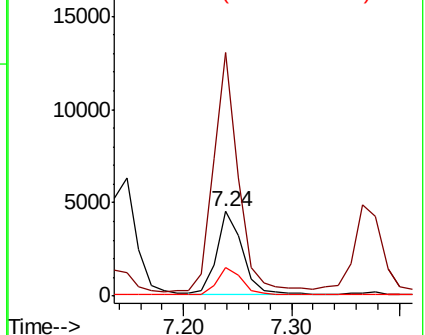
95 33.1 25.8 38.8

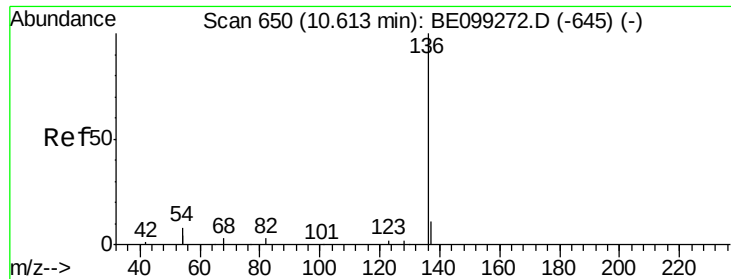


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.01 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 20471

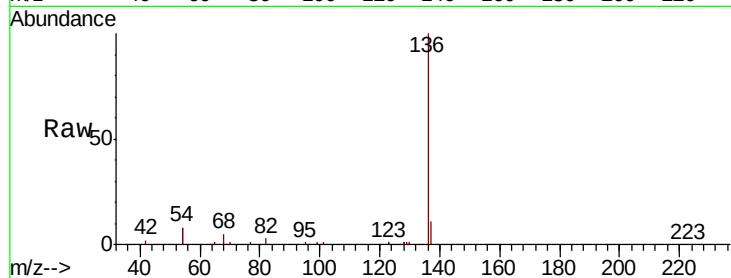
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 15.2 18.7 28.1#

68 4.5 5.2 7.8#

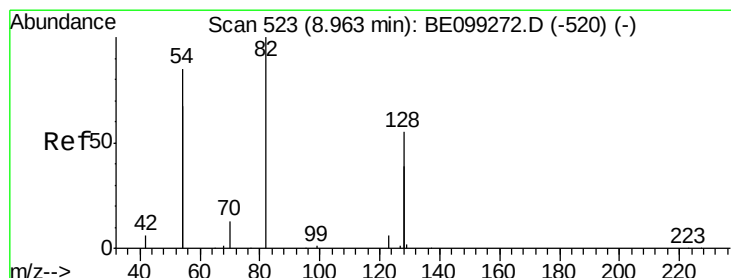
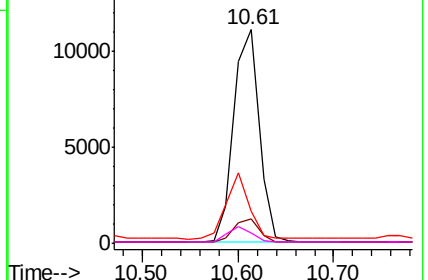
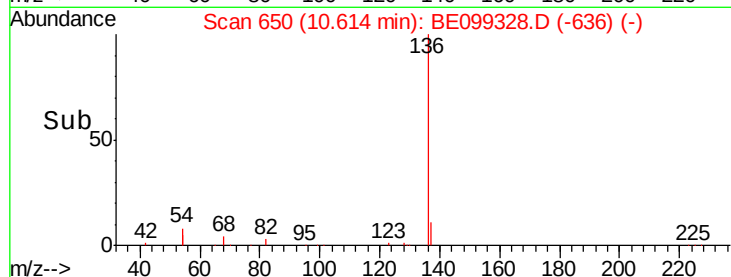


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.476 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

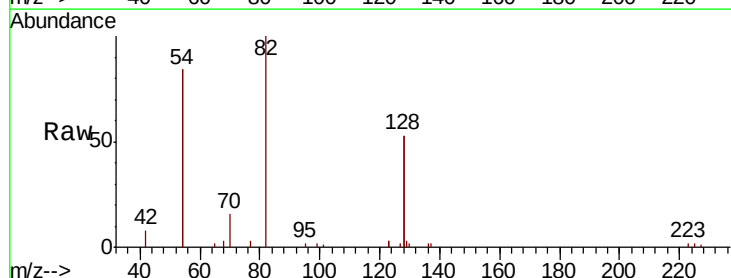
Tgt Ion: 82 Resp: 6691

Ion Ratio Lower Upper

82 100

128 105.3 107.5 161.3#

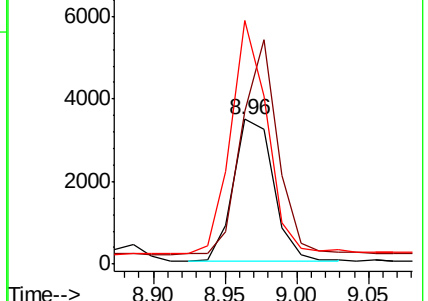
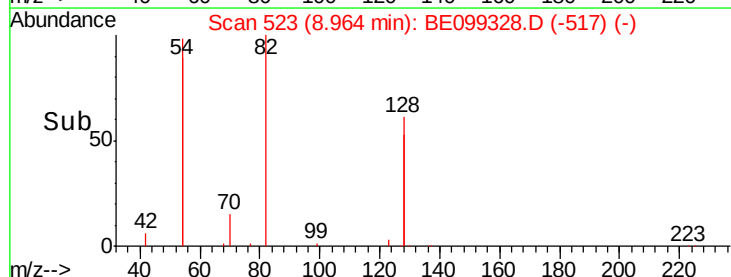
54 168.5 106.3 159.5#

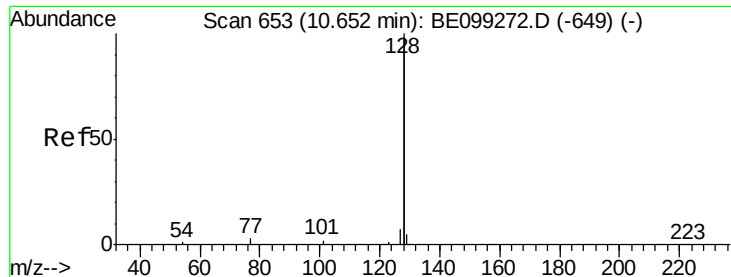


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.435 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

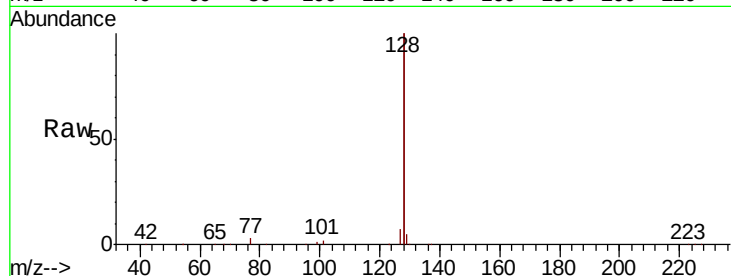
Tot Ion:128 Resp: 96778

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

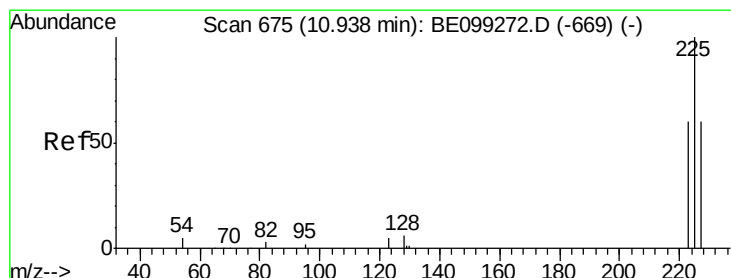
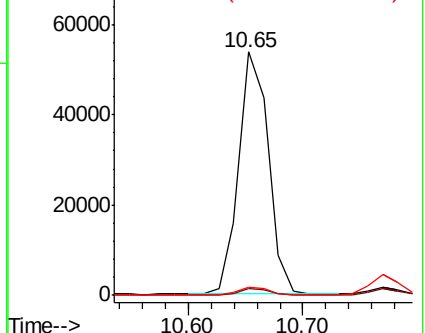
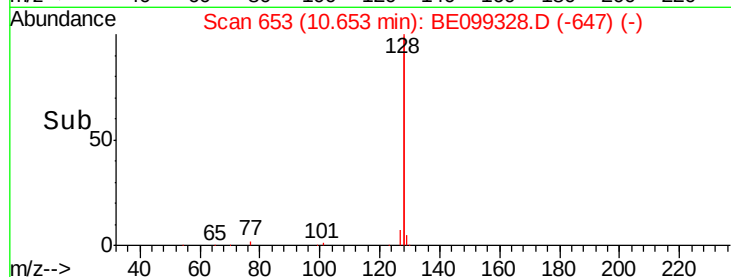
127 3.5 2.6 3.8



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: 0.419 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

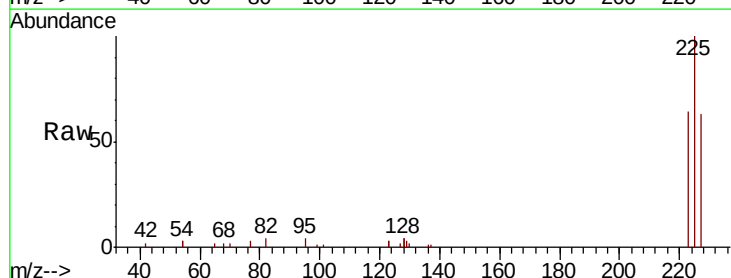
Tgt Ion:225 Resp: 6065

Ion Ratio Lower Upper

225 100

223 63.7 51.3 76.9

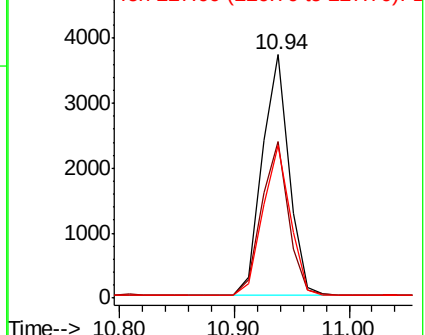
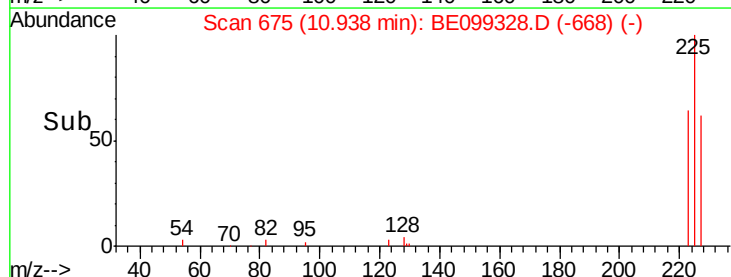
227 63.4 48.6 73.0

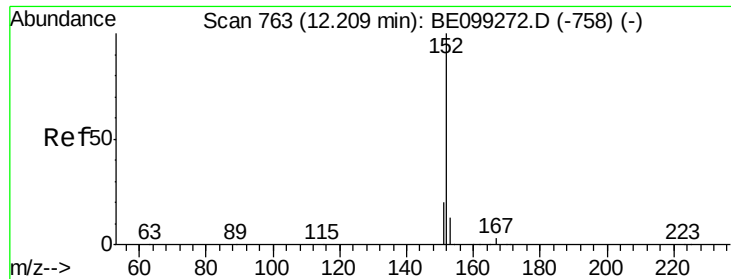


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

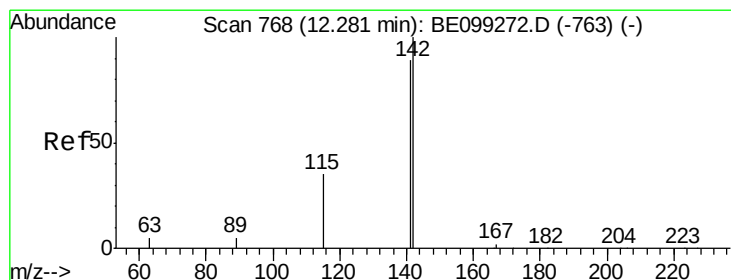
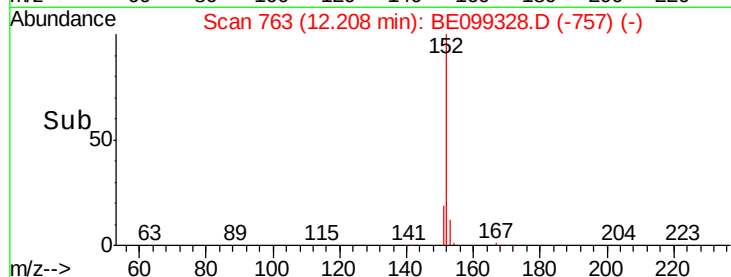
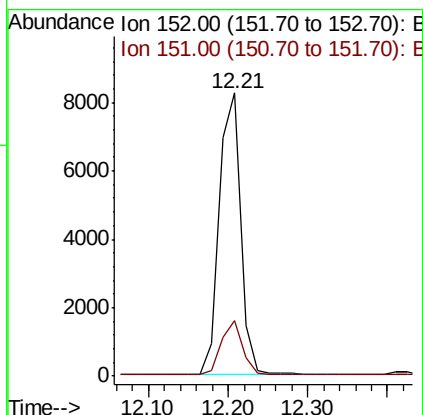
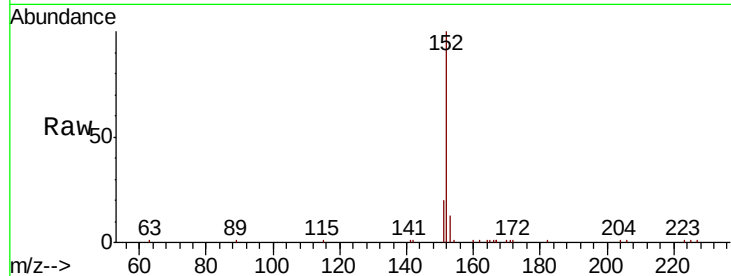




#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099328.D
 Acq: 15 Apr 2019 16:29

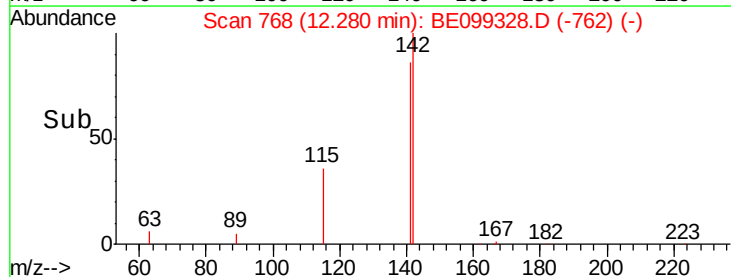
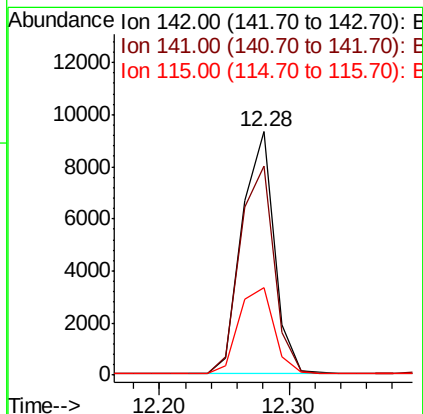
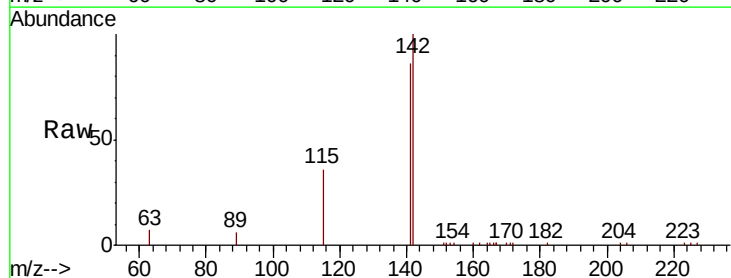
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

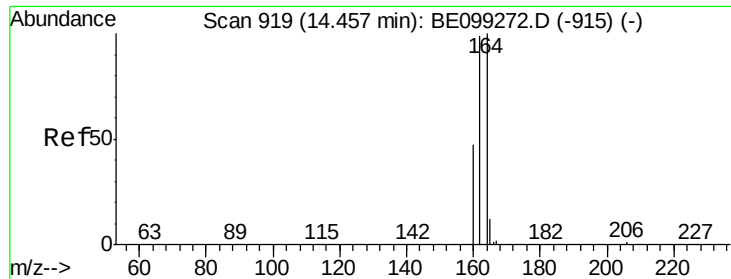
Tot Ion:152 Resp: 15361
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.426 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BE099328.D
 Acq: 15 Apr 2019 16:29

Tgt Ion:142 Resp: 16136
 Ion Ratio Lower Upper
 142 100
 141 85.6 71.3 106.9
 115 36.1 30.4 45.6

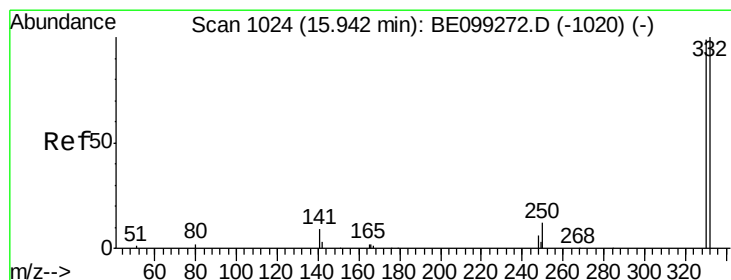
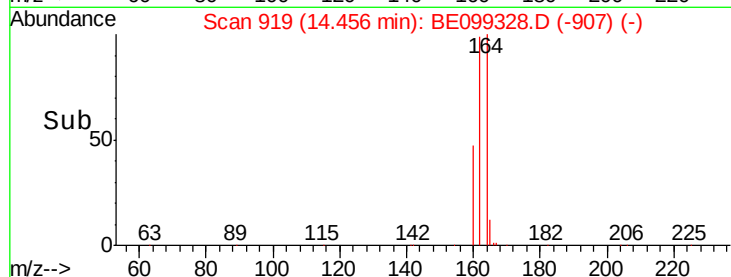
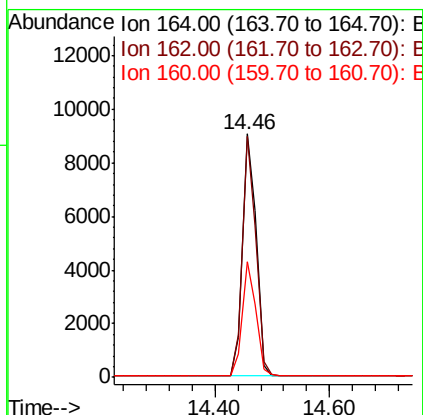
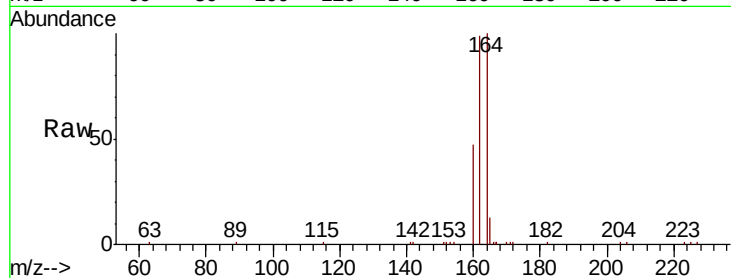




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BE099328.D
 Acq: 15 Apr 2019 16:29

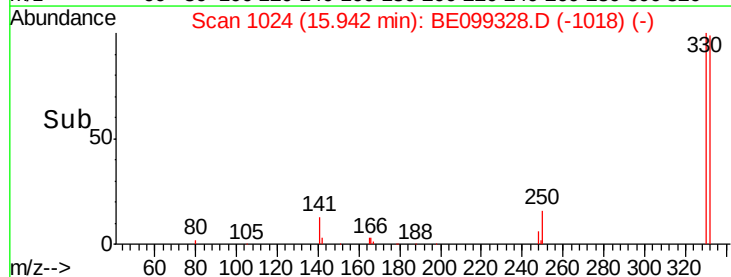
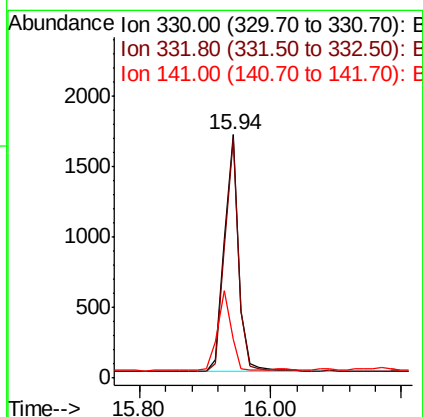
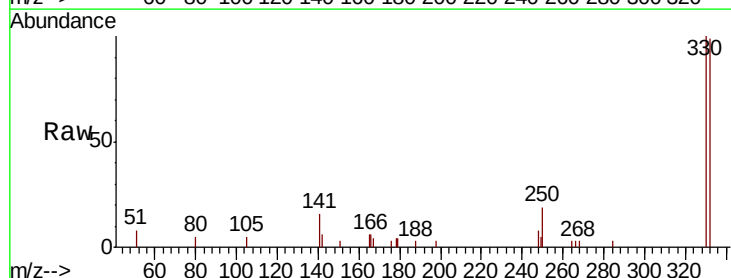
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

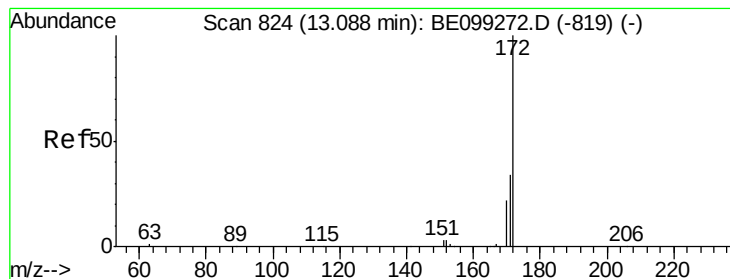
Tot Ion:164 Resp: 14853
 Ion Ratio Lower Upper
 164 100
 162 99.2 79.2 118.8
 160 47.3 36.7 55.1



#14
 2,4,6-Tribromophenol
 Concen: 0.392 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099328.D
 Acq: 15 Apr 2019 16:29

Tgt Ion:330 Resp: 2680
 Ion Ratio Lower Upper
 330 100
 332 94.5 71.3 106.9
 141 31.5 21.7 32.5

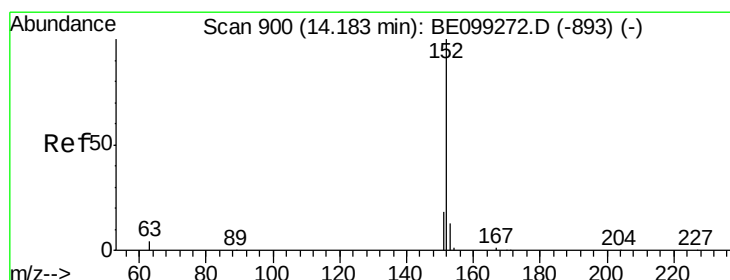
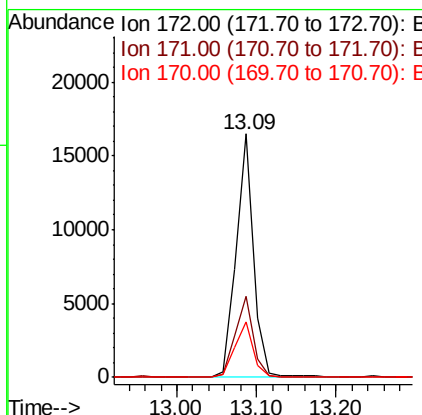
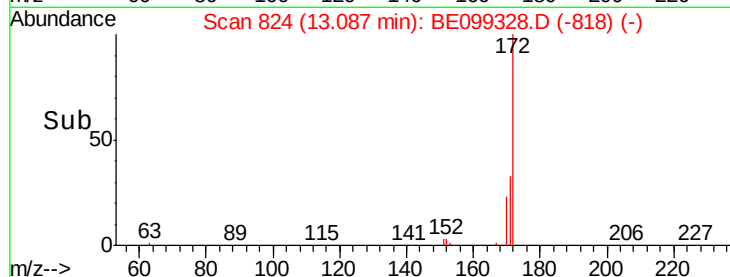
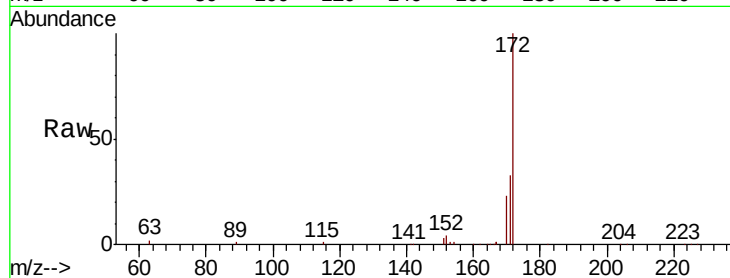




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

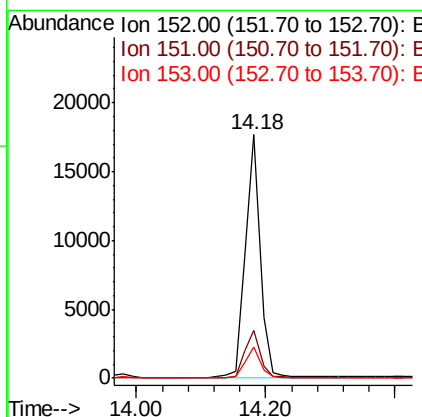
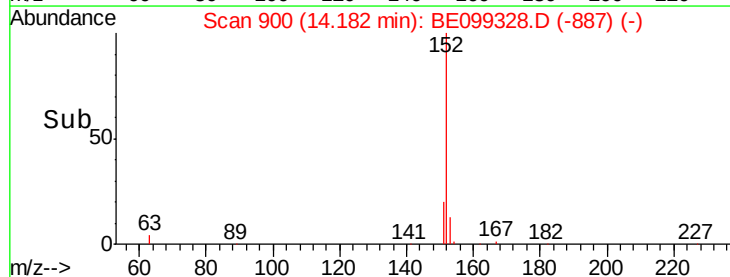
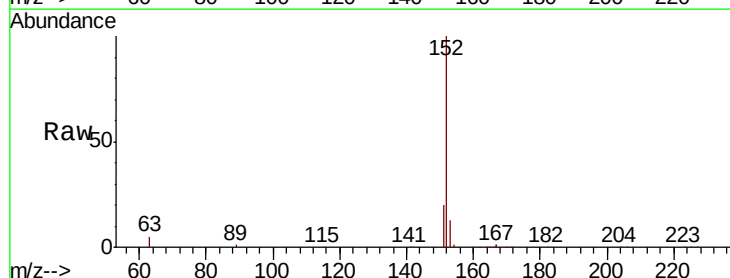
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

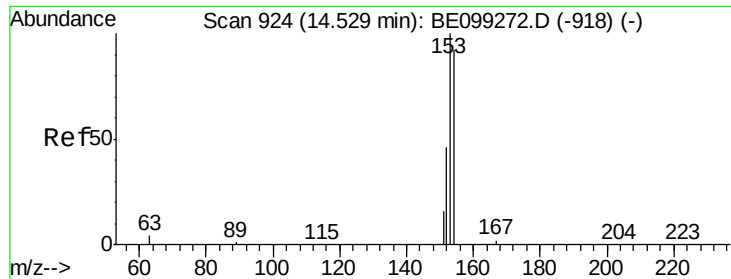
Tot Ion:172 Resp: 24536
Ion Ratio Lower Upper
172 100
171 33.4 27.4 41.0
170 22.7 19.1 28.7



#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:152 Resp: 27983
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.5 10.6 15.8

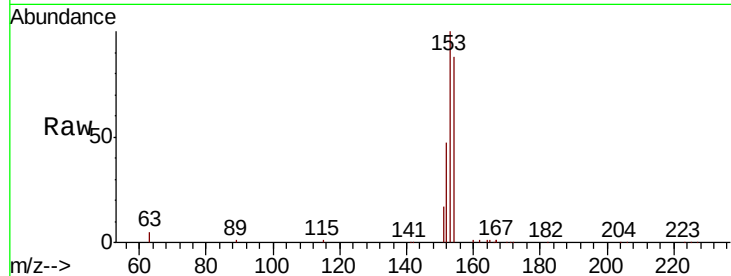




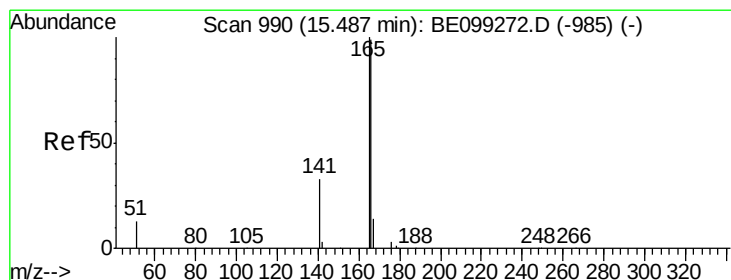
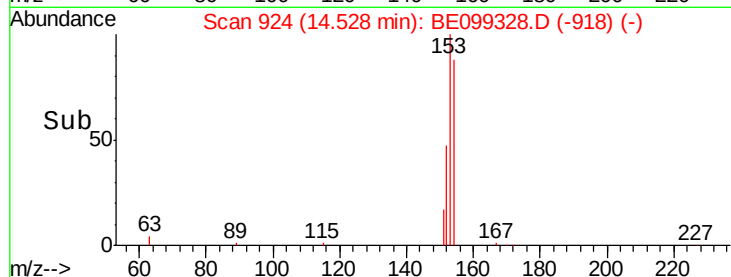
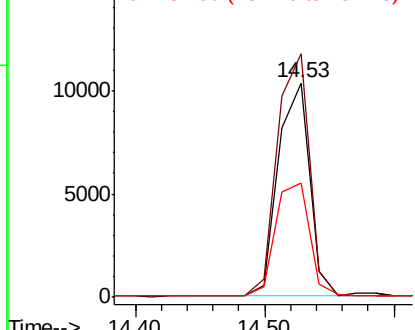
#17
Acenaphthene
Concen: 0.422 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 17533
Ion Ratio Lower Upper
154 100
153 115.7 93.4 140.0
152 57.1 46.6 69.8

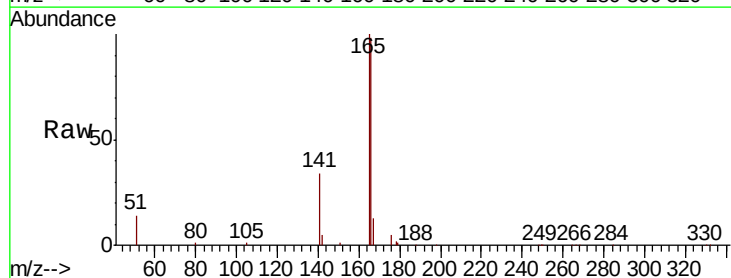


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

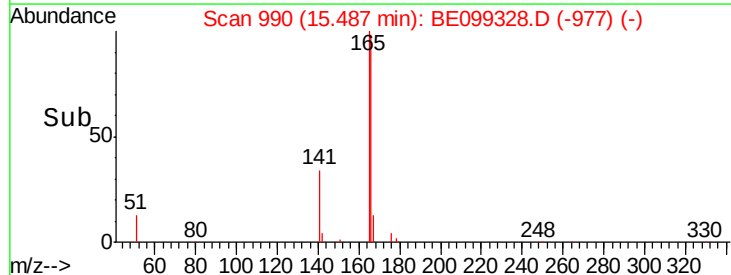
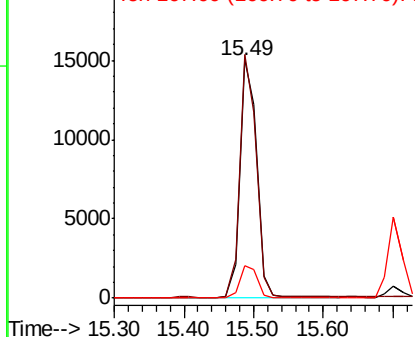


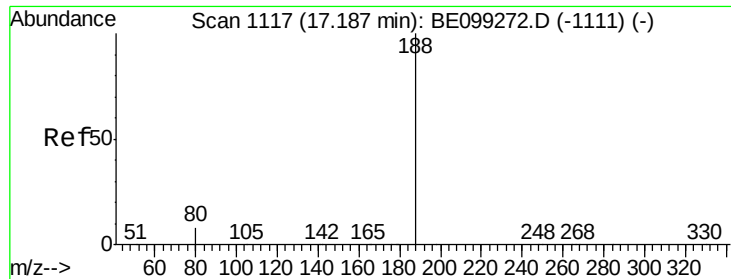
#18
Fluorene
Concen: 0.415 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:166 Resp: 24910
Ion Ratio Lower Upper
166 100
165 100.3 78.9 118.3
167 13.7 10.9 16.3



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

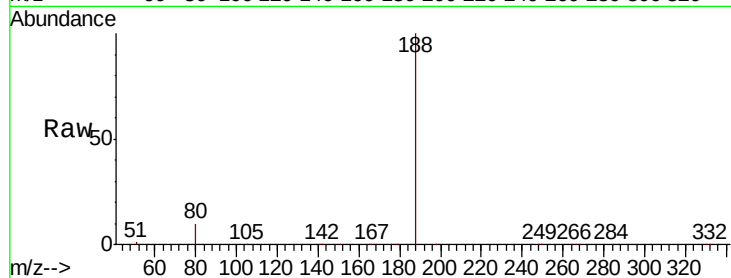
Tot Ion:188 Resp: 42675

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

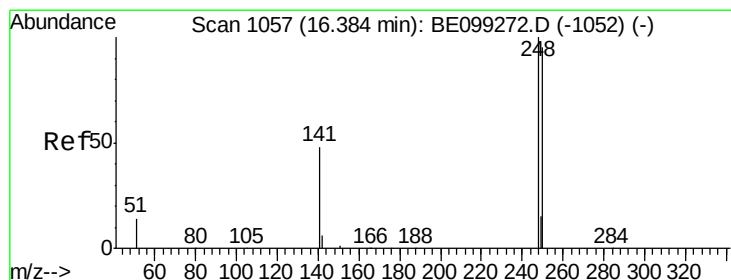
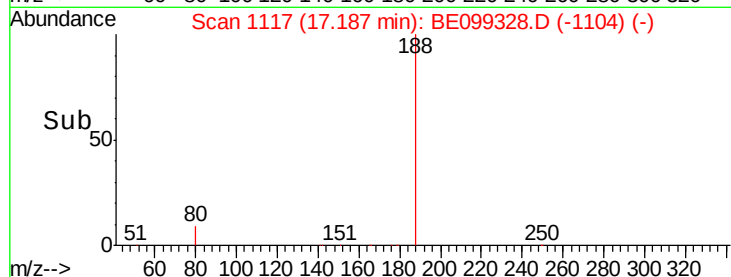
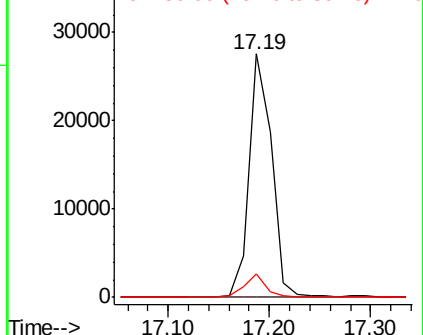
80 9.6 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.402 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

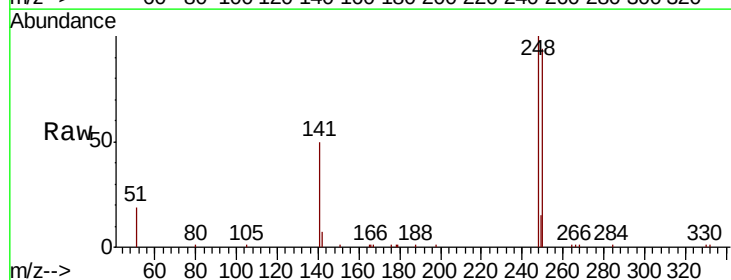
Tgt Ion:248 Resp: 9726

Ion Ratio Lower Upper

248 100

250 93.7 84.2 126.2

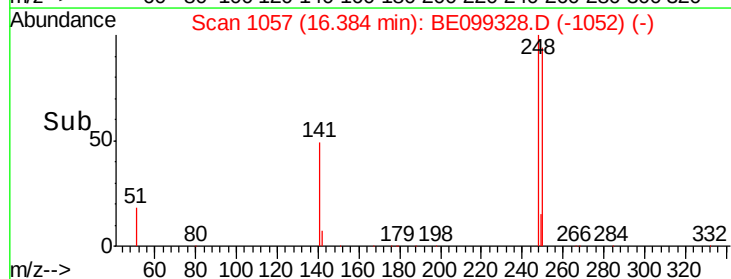
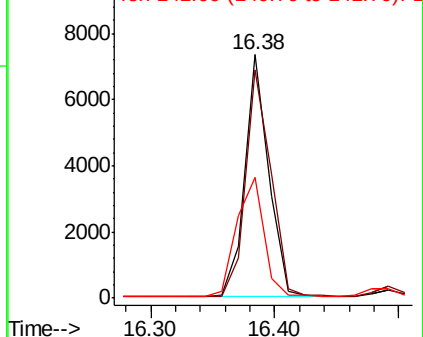
141 49.5 21.8 32.6#

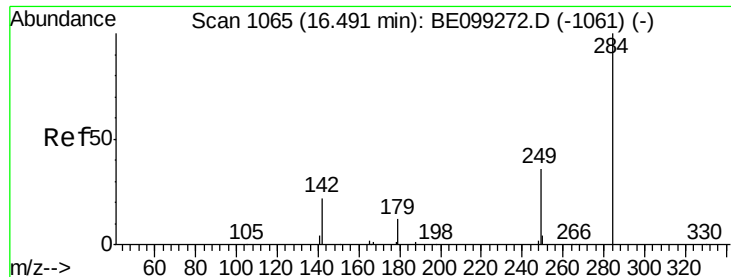


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

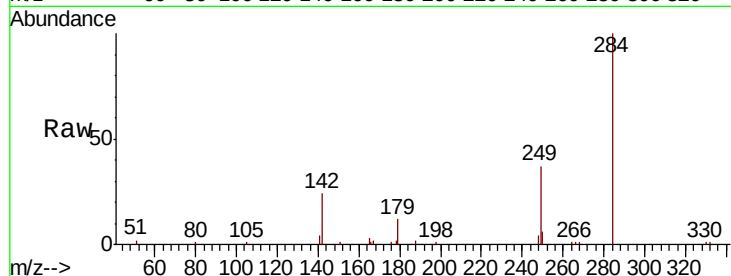
Tot Ion:284 Resp: 9579

Ion Ratio Lower Upper

284 100

142 28.8 22.7 34.1

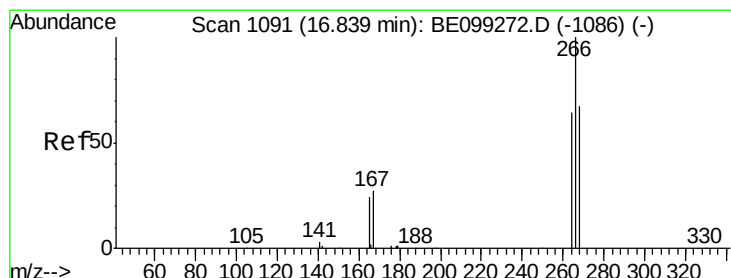
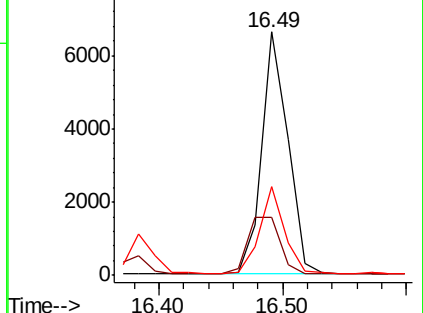
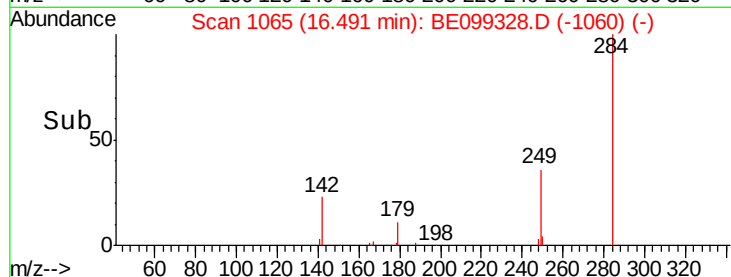
249 34.0 26.9 40.3



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: 0.475 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

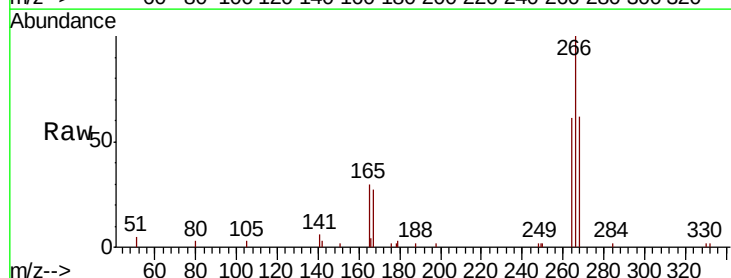
Tgt Ion:266 Resp: 4545

Ion Ratio Lower Upper

266 100

264 61.0 54.4 81.6

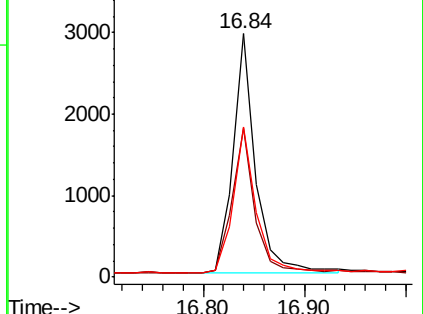
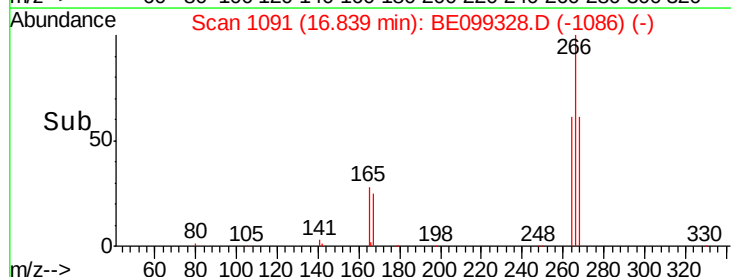
268 61.8 61.3 91.9

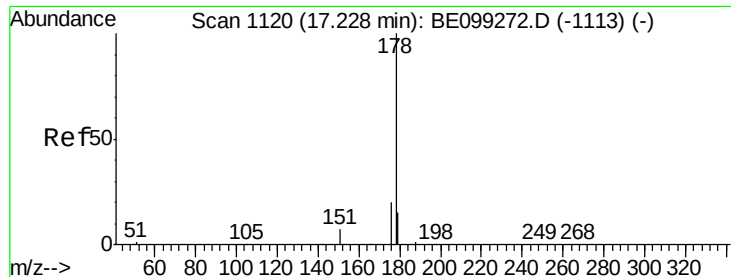


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.434 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

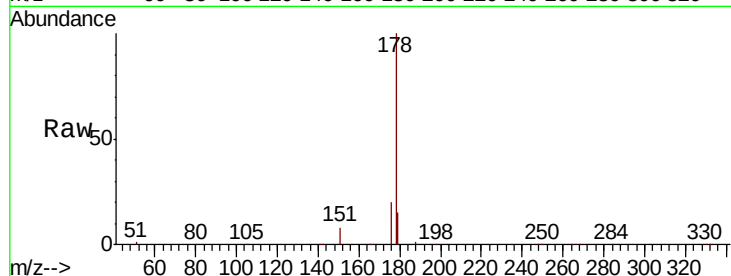
Tot Ion:178 Resp: 47932

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

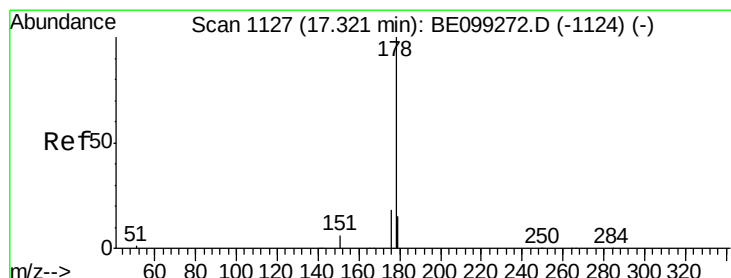
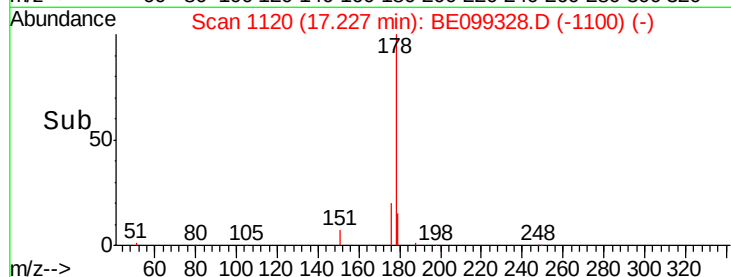
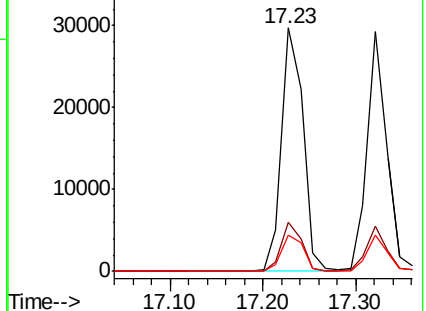
179 15.3 12.3 18.5



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



#24

Anthracene

Concen: 0.409 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

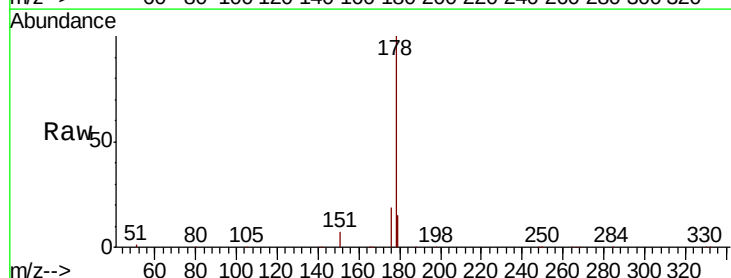
Tgt Ion:178 Resp: 42577

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

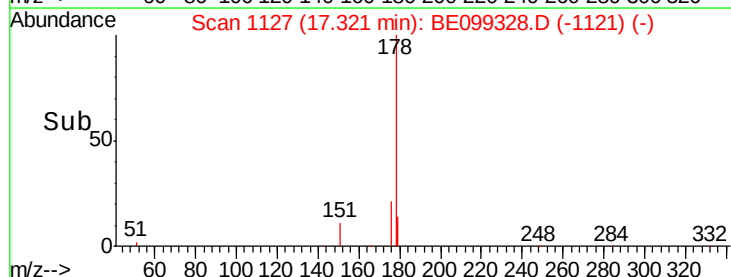
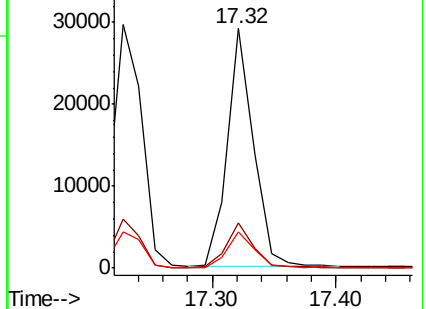
179 15.1 12.4 18.6

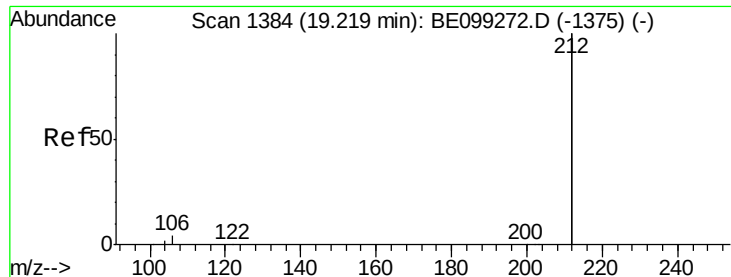


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

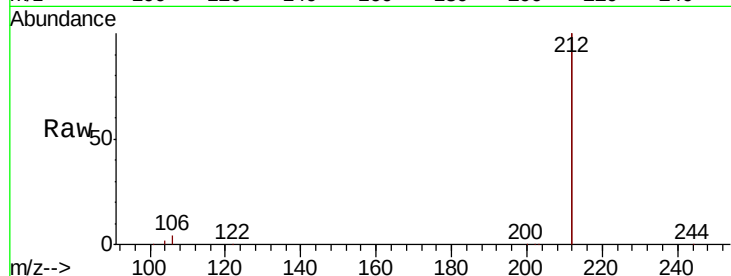
Tot Ion:212 Resp: 221112

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

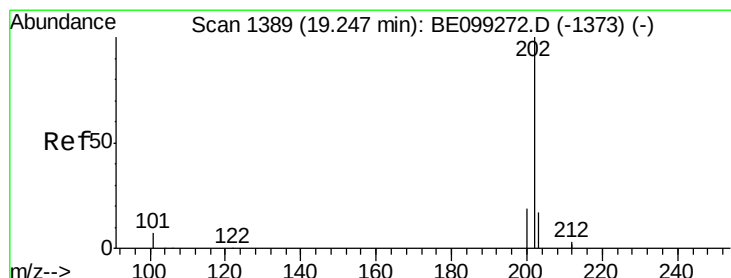
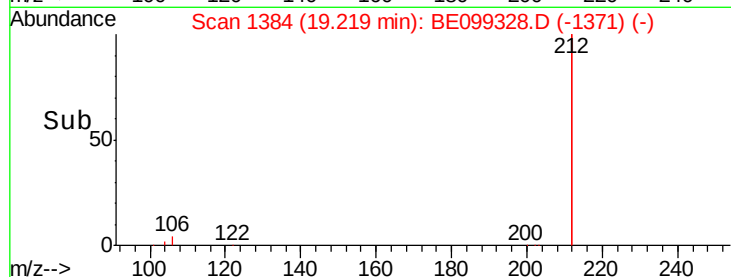
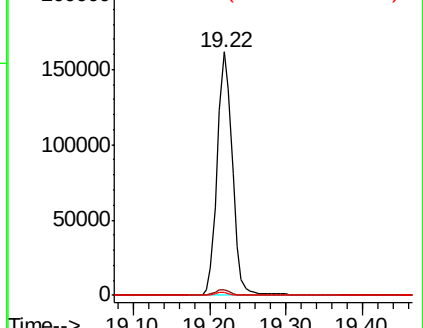
104 1.2 1.1 1.7



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: 0.397 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

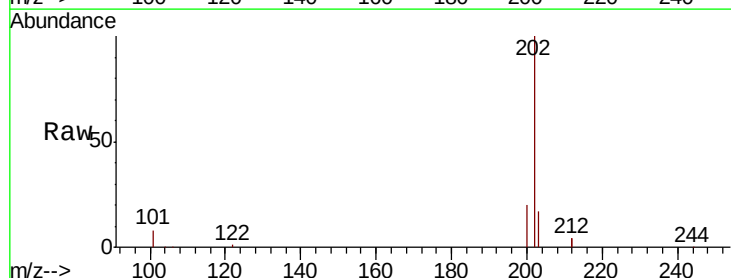
Tgt Ion:202 Resp: 64667

Ion Ratio Lower Upper

202 100

101 8.1 7.0 10.4

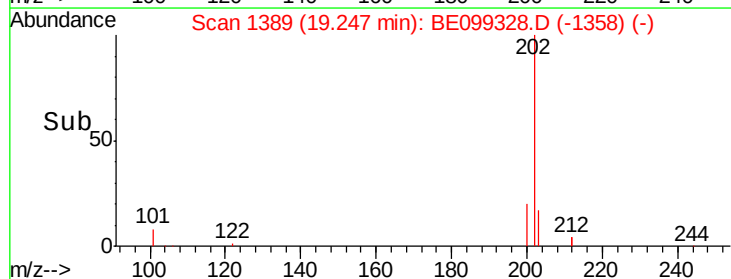
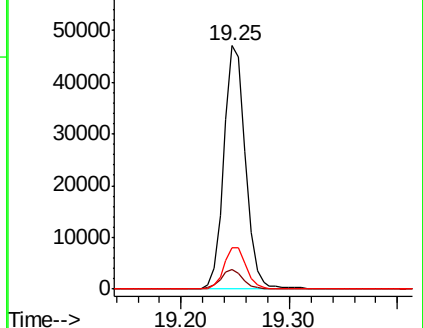
203 17.1 13.8 20.6

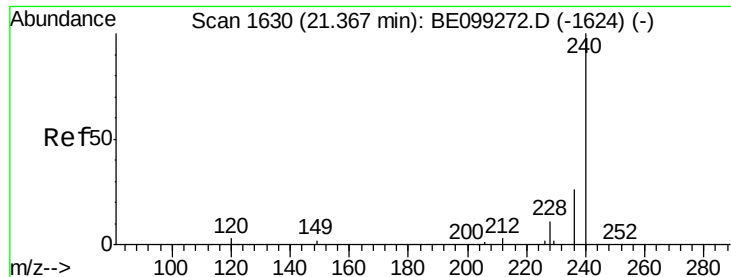


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

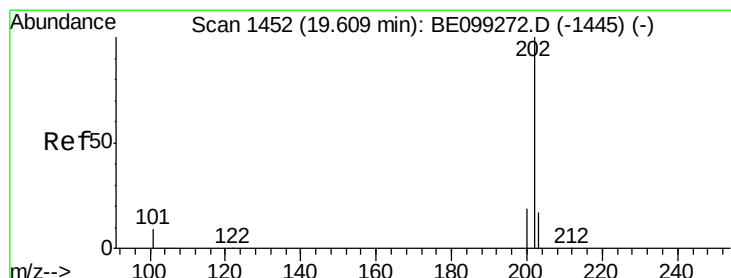
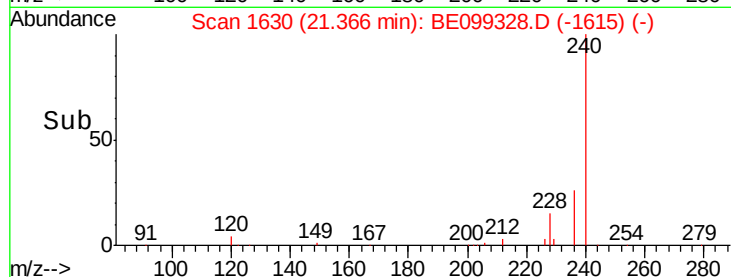
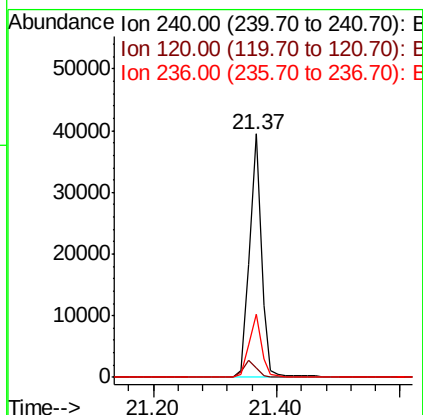
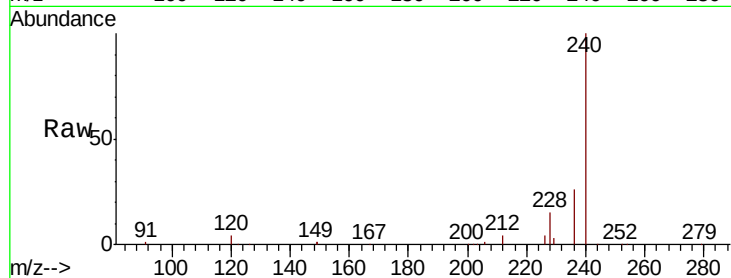




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BE099328.D
 Acq: 15 Apr 2019 16:29

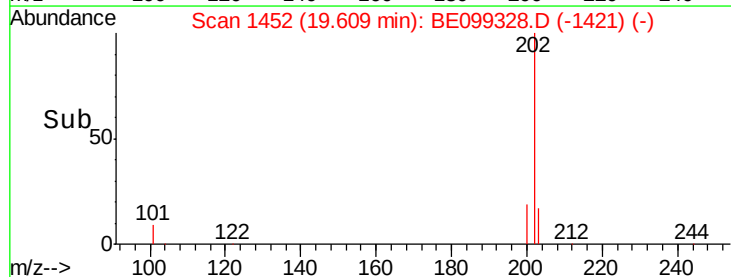
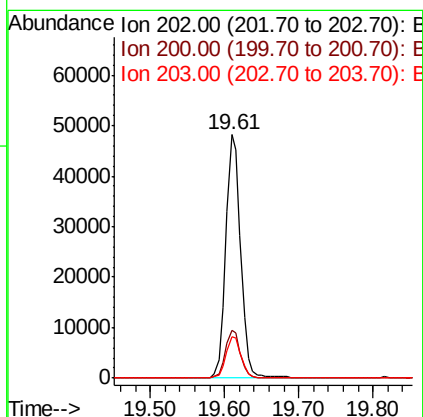
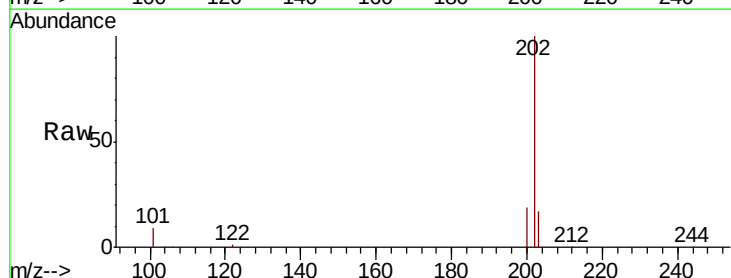
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

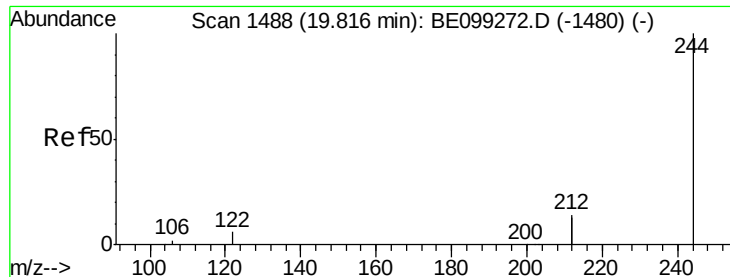
Tot Ion:240 Resp: 53217
 Ion Ratio Lower Upper
 240 100
 120 3.8 2.6 3.8
 236 25.9 20.9 31.3



#28
 Pyrene
 Concen: 0.474 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BE099328.D
 Acq: 15 Apr 2019 16:29

Tgt Ion:202 Resp: 66659
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.8 23.8
 203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.461 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

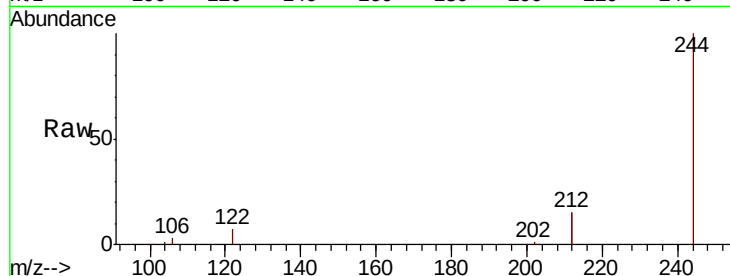
Tot Ion:244 Resp: 44799

Ion Ratio Lower Upper

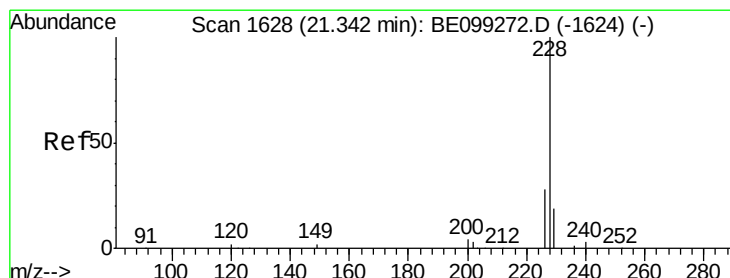
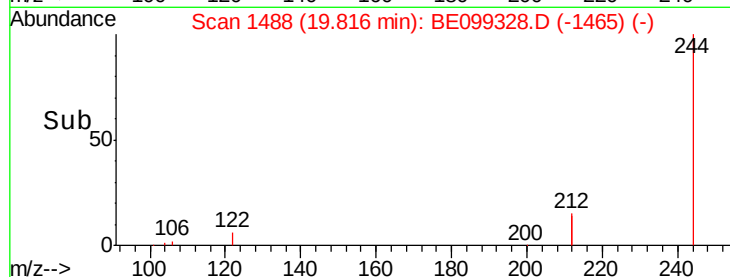
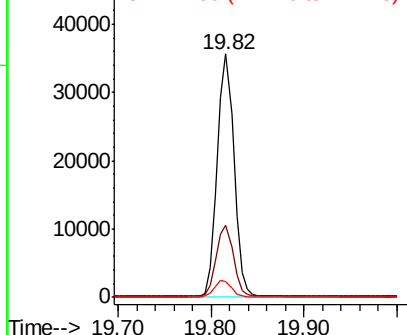
244 100

212 29.5 22.7 34.1

122 6.6 5.8 8.6



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: 0.406 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

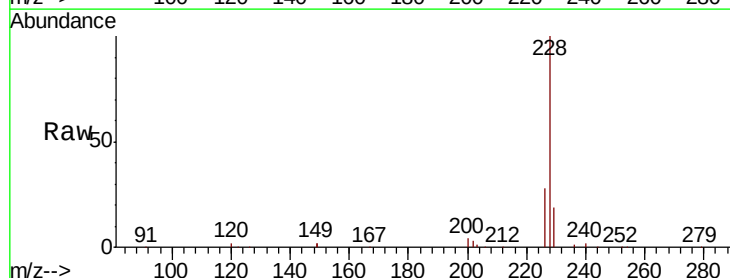
Tgt Ion:228 Resp: 67976

Ion Ratio Lower Upper

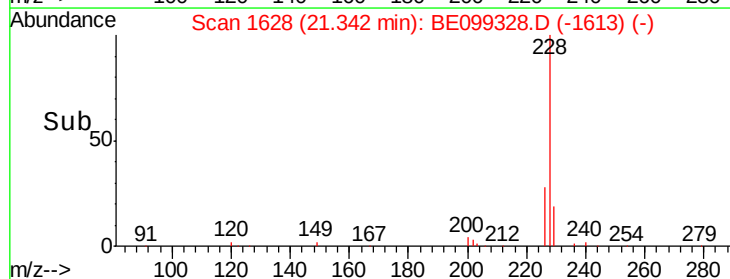
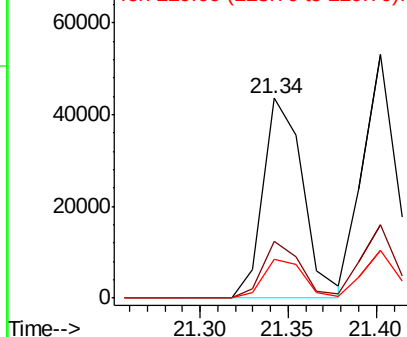
228 100

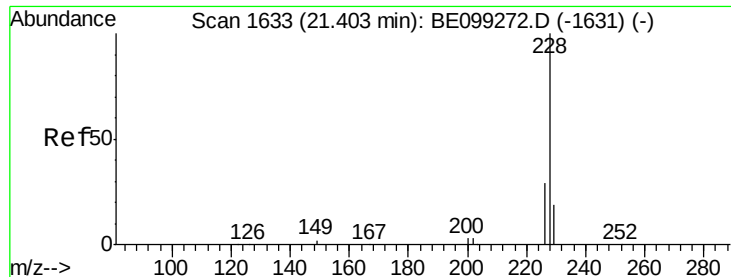
226 28.2 21.7 32.5

229 19.3 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: 0.428 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

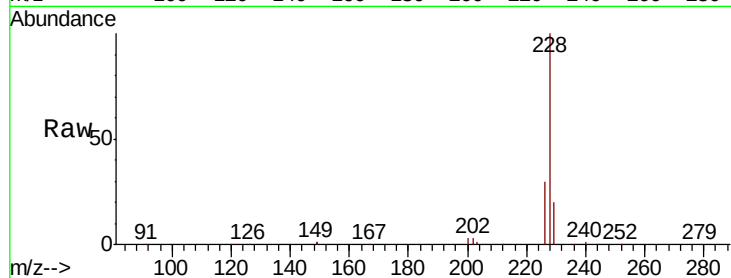
Tot Ion:228 Resp: 70273

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

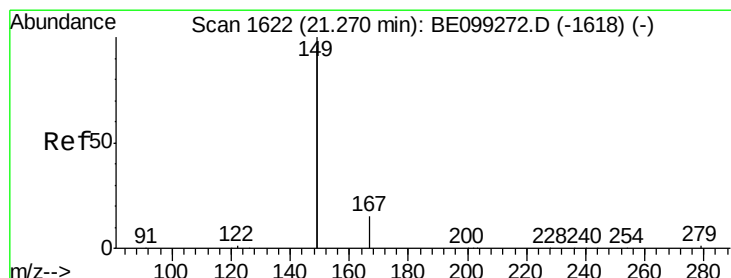
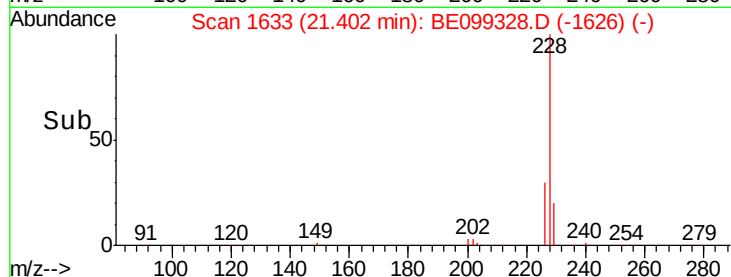
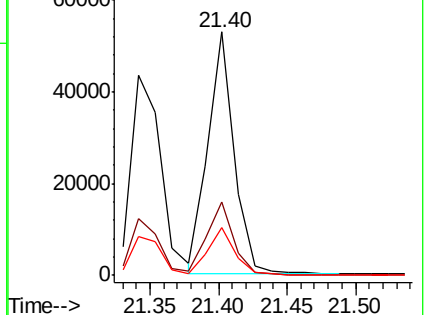
229 19.8 15.4 23.0



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: 0.361 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

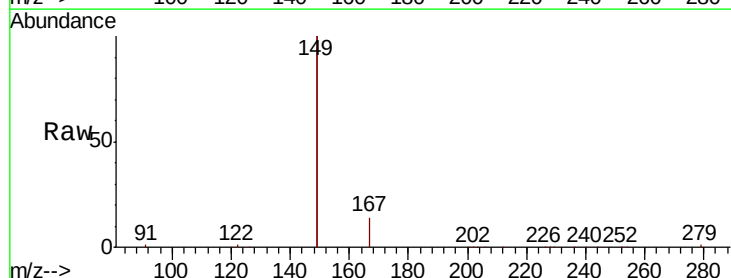
Tgt Ion:149 Resp: 77137

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

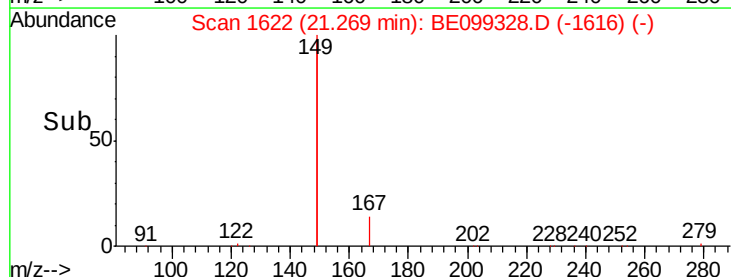
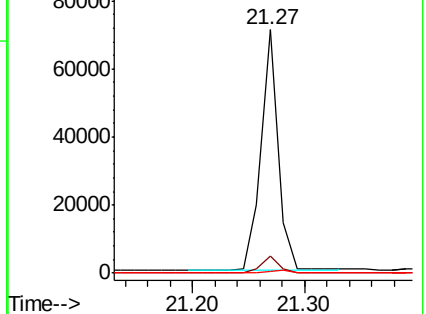
279 1.2 1.0 1.6

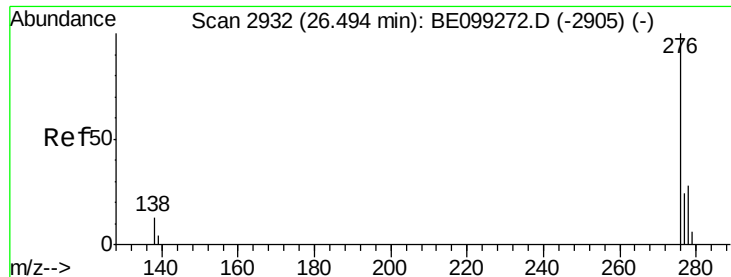


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

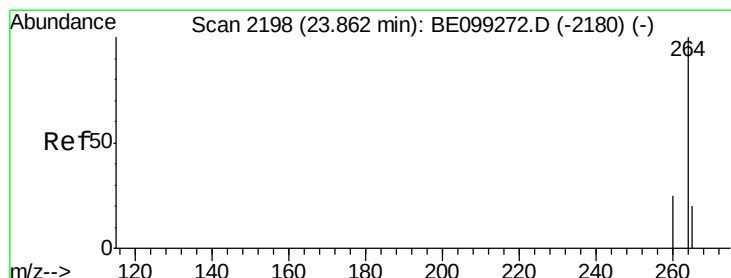
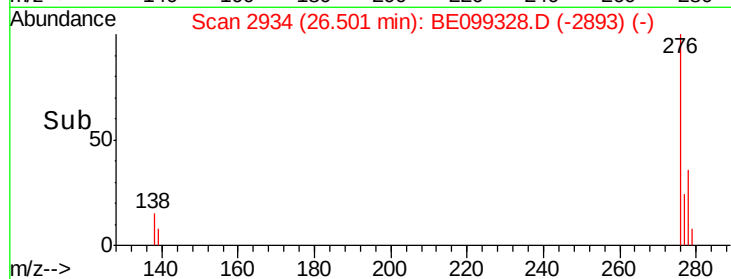
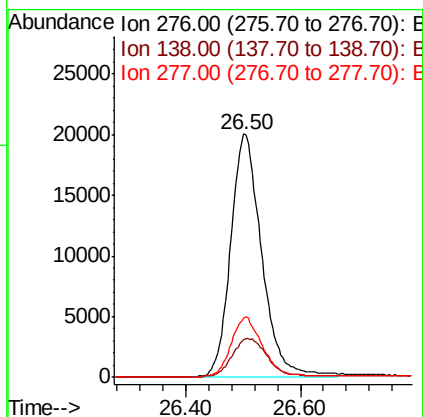
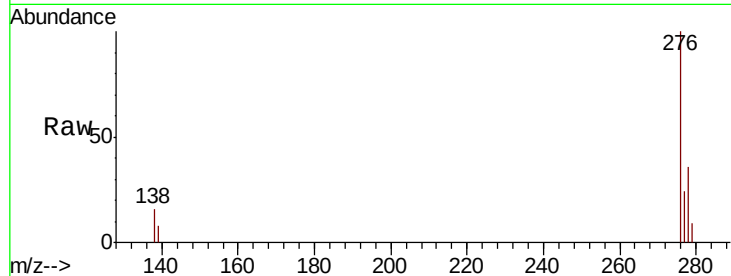




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.399 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. -0.06 min
 Lab File: BE099328.D
 Acq: 15 Apr 2019 16:29

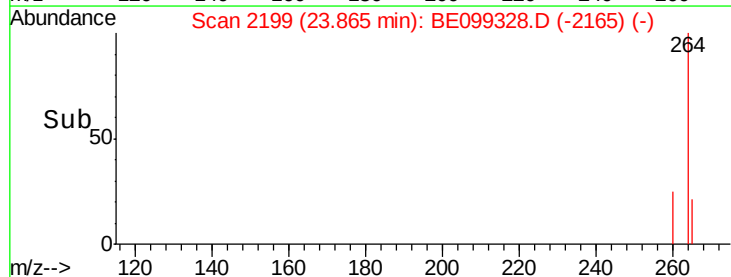
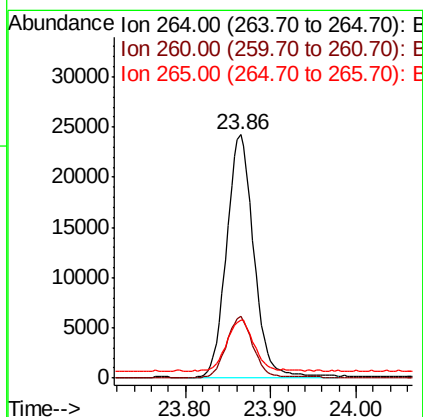
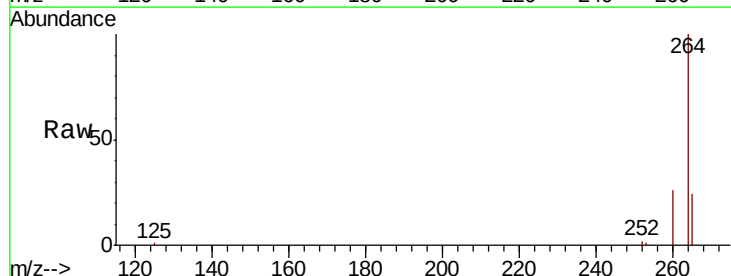
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

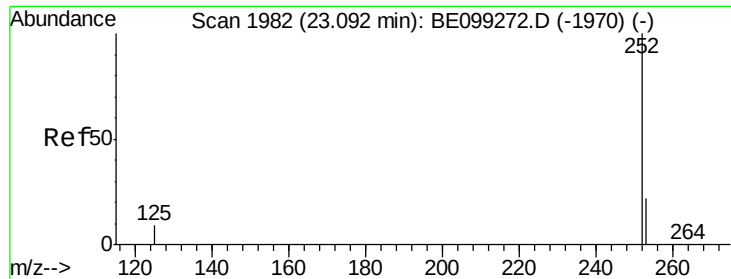
Tot Ion:276 Resp: 74890
 Ion Ratio Lower Upper
 276 100
 138 17.6 12.9 19.3
 277 24.5 18.3 27.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2199
 Delta R.T. -0.03 min
 Lab File: BE099328.D
 Acq: 15 Apr 2019 16:29

Tgt Ion:264 Resp: 53596
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.2 27.2
 265 24.1 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 0.426 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.02 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

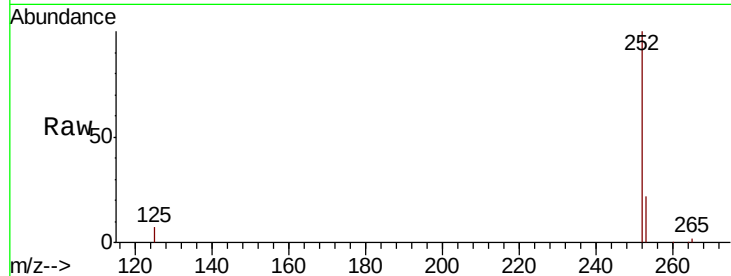
Tot Ion:252 Resp: 68062

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 6.9 6.1 9.1

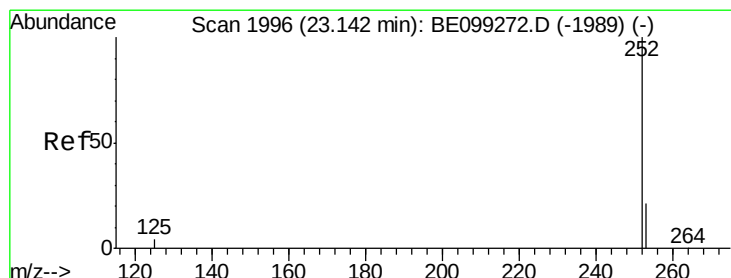
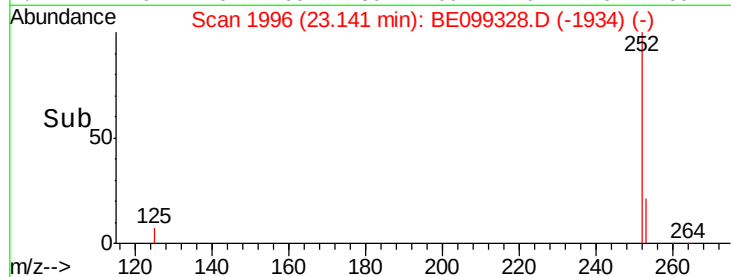
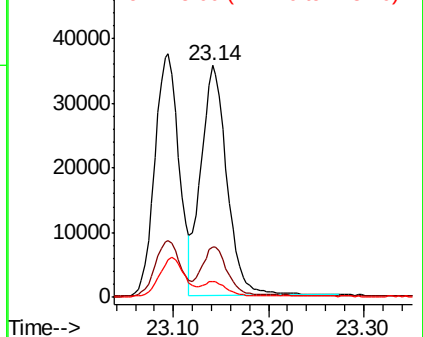


Abundance

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: 0.440 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.03 min

Lab File: BE099328.D

Acq: 15 Apr 2019 16:29

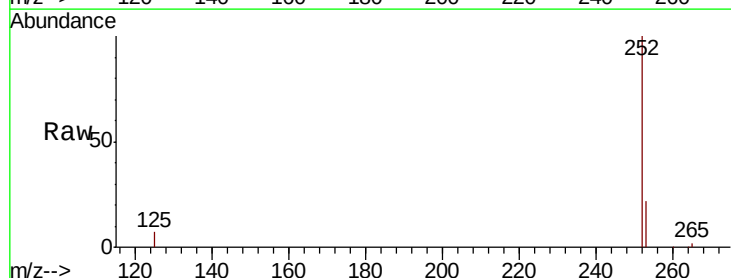
Tgt Ion:252 Resp: 68475

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 6.9 5.9 8.9

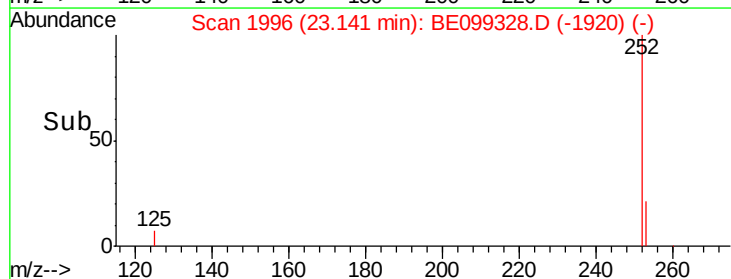
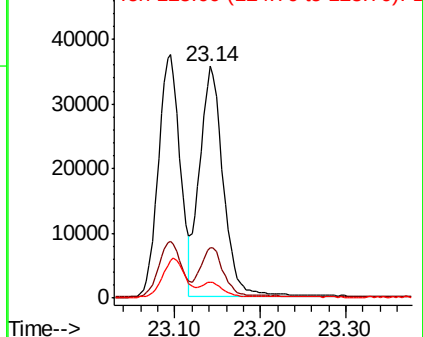


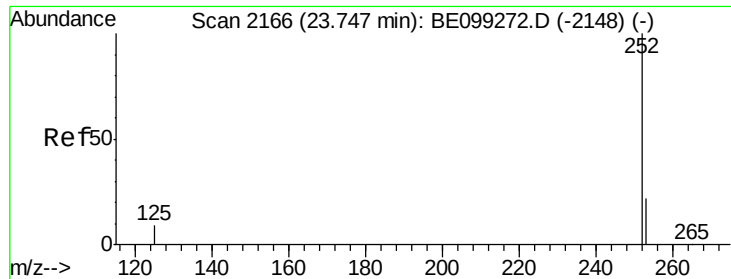
Abundance

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

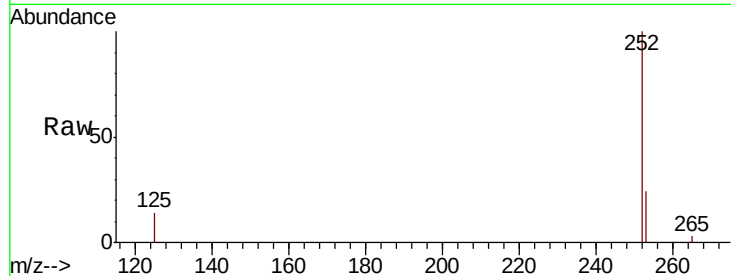




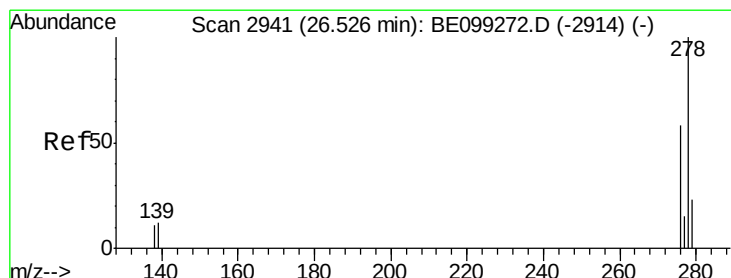
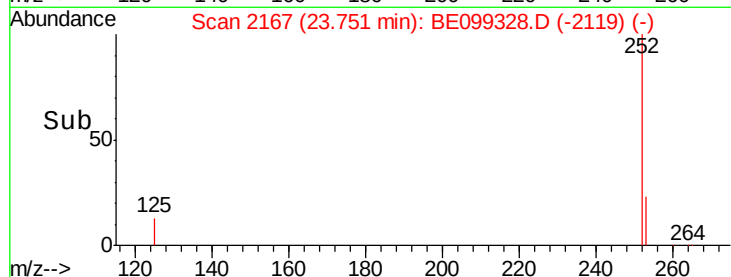
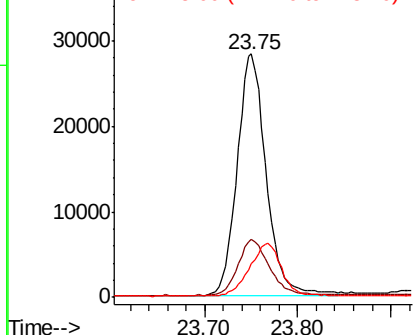
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 61757
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 13.6 6.8 10.2#

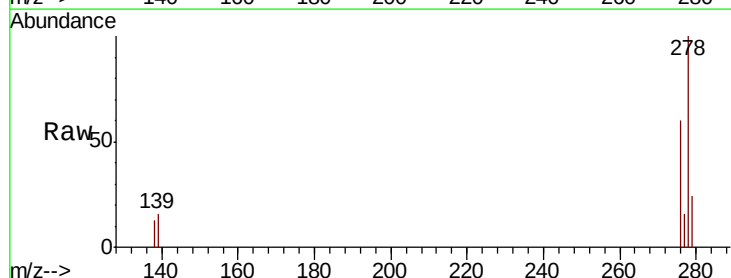


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

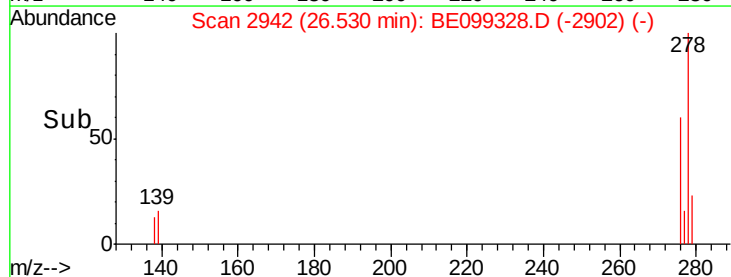
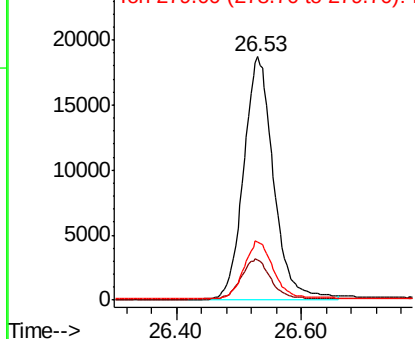


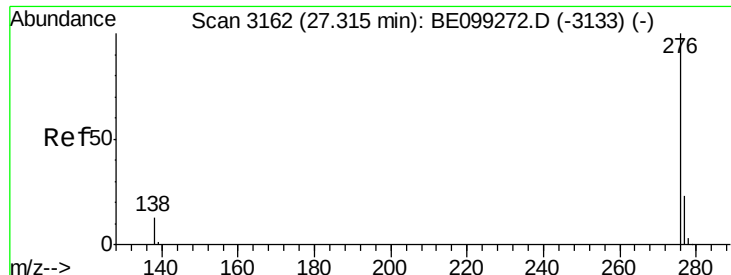
#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.06 min
Lab File: BE099328.D
Acq: 15 Apr 2019 16:29

Tgt Ion:278 Resp: 61802
Ion Ratio Lower Upper
278 100
139 16.3 9.5 14.3#
279 23.8 19.1 28.7



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: 0.412 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.06 min

Lab File: BE099328.D

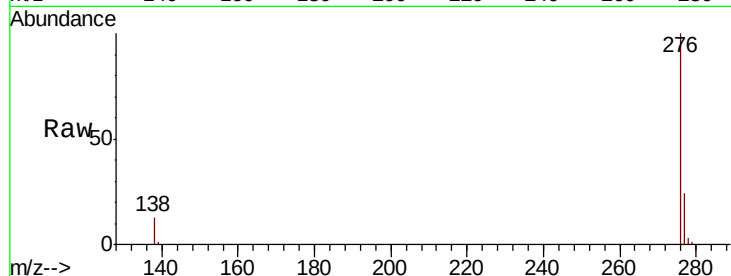
Acq: 15 Apr 2019 16:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 61403

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 13.4 11.1 16.7

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

