

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100044.D
 Acq On : 15 Jun 2019 3:45
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

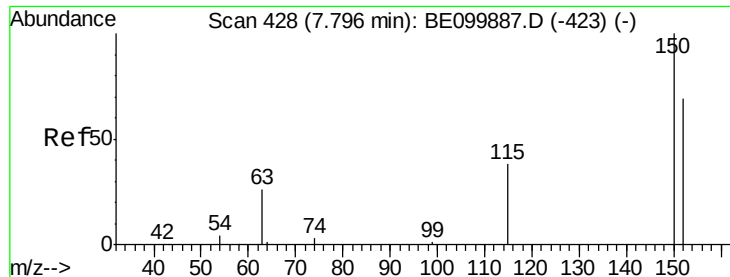
Quant Time: Jun 15 05:09:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	1009	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3728	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2793	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	7801	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9867	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11409	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	1155	0.42	ng	0.00
5) Phenol-d6	6.96	99	1397	0.40	ng	0.00
8) Nitrobenzene-d5	8.97	82	1503	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2725	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	606	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4412	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	41289	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	8001	0.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	542	0.363	ng	# 94
3) n-Nitrosodimethylamine	3.62	42	126	0.146	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	1090	0.380	ng	92
9) Naphthalene	10.64	128	16784	0.417	ng	99
10) Hexachlorobutadiene	10.91	225	1364	0.444	ng	100
12) 2-Methylnaphthalene	12.27	142	2720	0.416	ng	98
16) Acenaphthylene	14.18	152	5648	0.406	ng	99
17) Acenaphthene	14.53	154	3050	0.403	ng	99
18) Fluorene	15.50	166	4442	0.391	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	2003	0.453	ng	# 87
21) Hexachlorobenzene	16.50	284	1966	0.435	ng	96
22) Pentachlorophenol	16.88	266	522	0.540	ng	88
23) Phenanthrene	17.25	178	7938	0.419	ng	99
24) Anthracene	17.35	178	7075	0.408	ng	100
26) Fluoranthene	19.28	202	12044	0.374	ng	100
28) Pyrene	19.64	202	12541	0.484	ng	100
30) Benzo(a)anthracene	21.38	228	12833	0.435	ng	99
31) Chrysene	21.43	228	14067	0.461	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	18047	0.426	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	15321	0.424	ng	98
35) Benzo(b)fluoranthene	23.19	252	14012	0.438	ng	99
36) Benzo(k)fluoranthene	23.19	252	14485	0.433	ng	98
37) Benzo(a)pyrene	23.81	252	13129	0.417	ng	# 95
38) Dibenzo(a,h)anthracene	26.63	278	12041	0.380	ng	96
39) Benzo(g,h,i)perylene	27.42	276	12685	0.387	ng	97

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

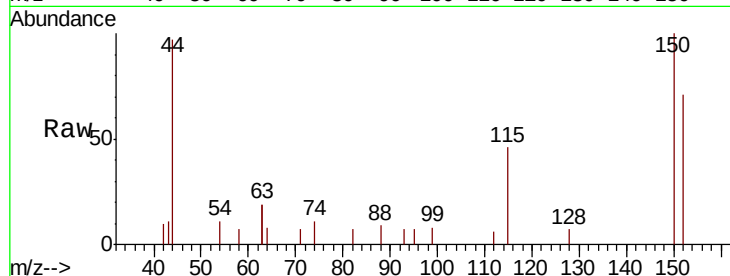


#1

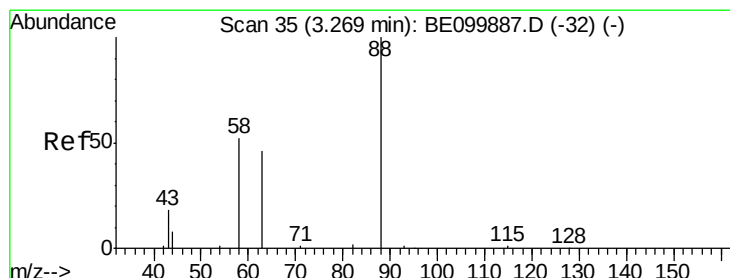
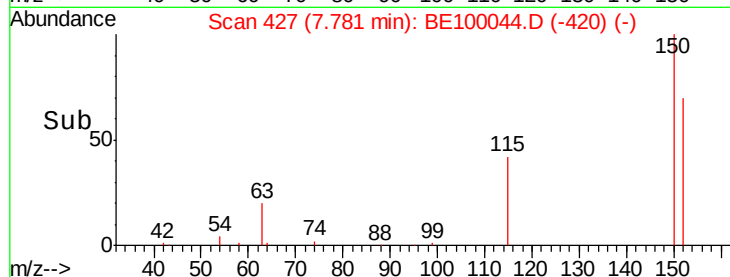
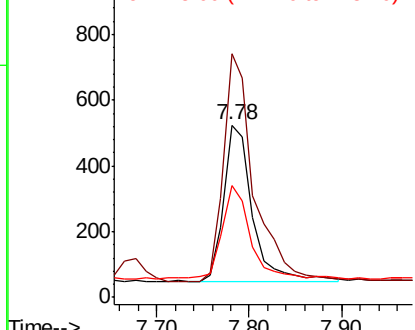
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 1009
Ion Ratio Lower Upper
152 100
150 141.1 111.0 166.6
115 64.6 50.7 76.1



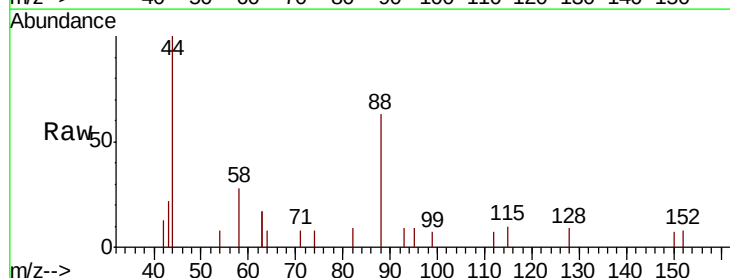
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



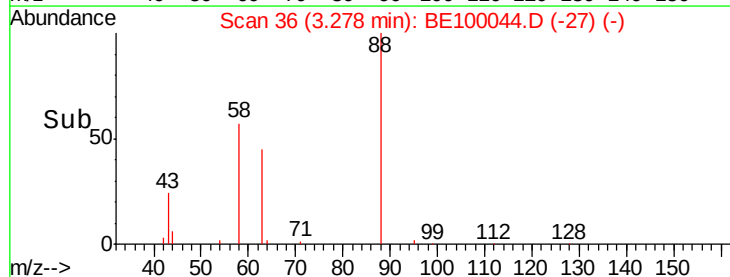
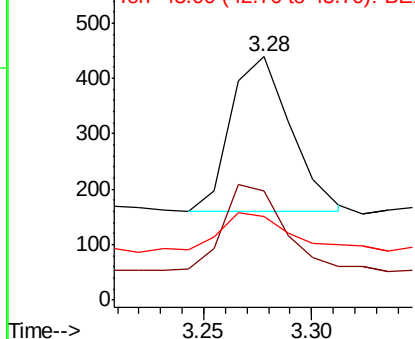
#2

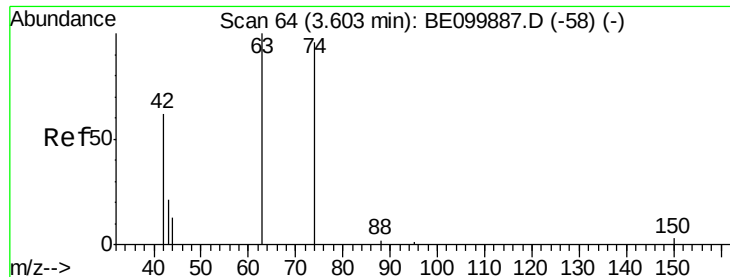
1,4-Dioxane
Concen: 0.363 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

Tgt Ion: 88 Resp: 542
Ion Ratio Lower Upper
88 100
58 58.5 48.8 73.2
43 29.9 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.146 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

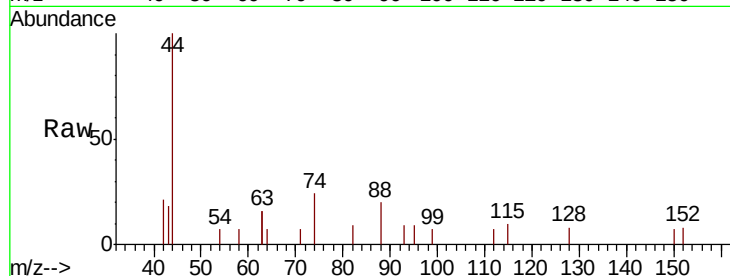
Tgt Ion: 42 Resp: 126

Ion Ratio Lower Upper

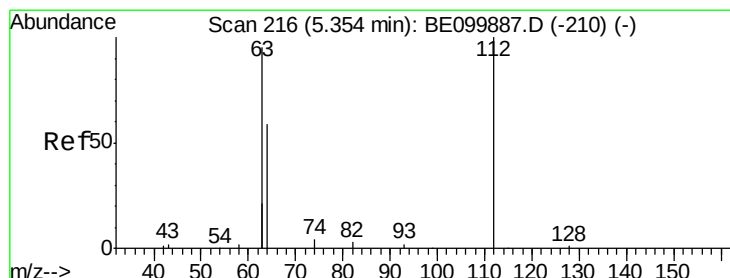
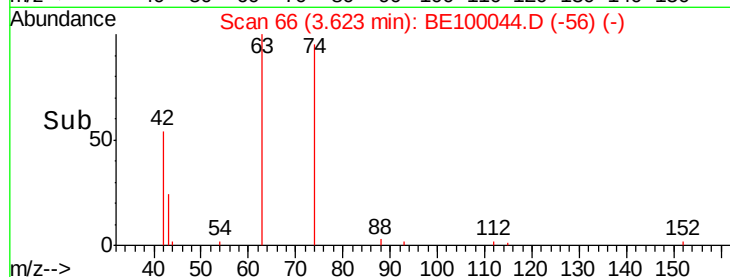
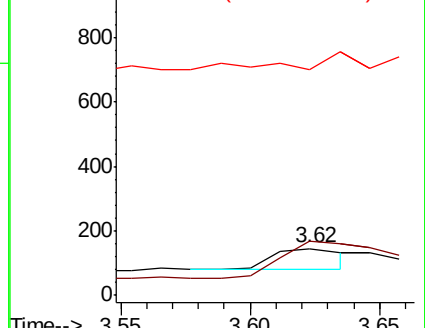
42 100

74 214.3 0.0 0.0#

44 41.3 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.424 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

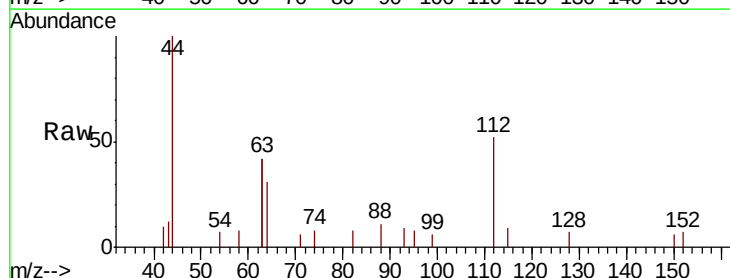
Tgt Ion: 112 Resp: 1155

Ion Ratio Lower Upper

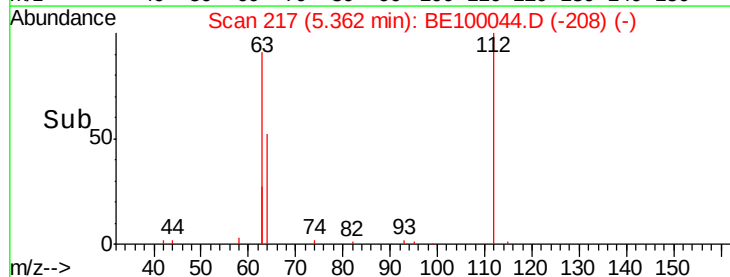
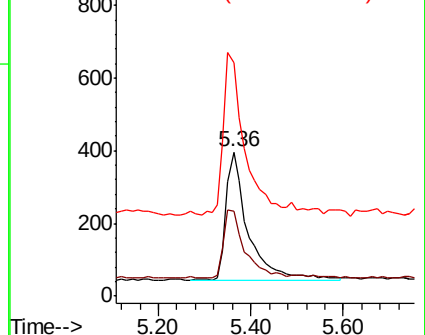
112 100

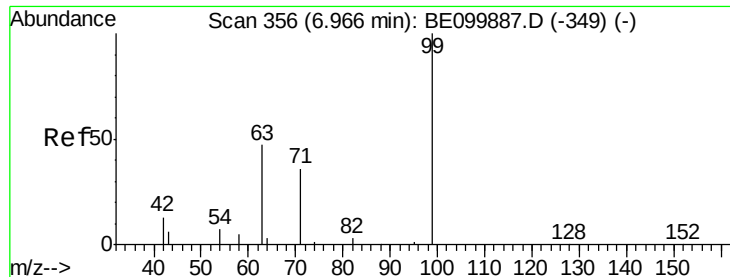
64 50.8 44.1 66.1

63 120.0 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.398 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

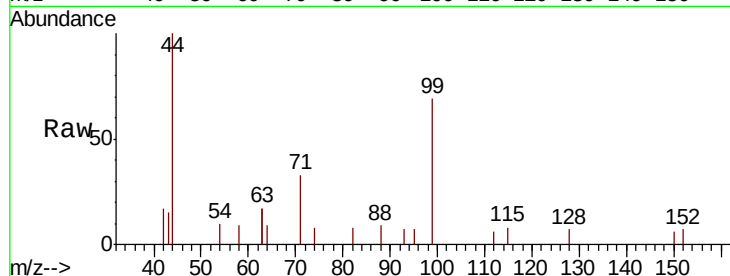
Tgt Ion: 99 Resp: 1397

Ion Ratio Lower Upper

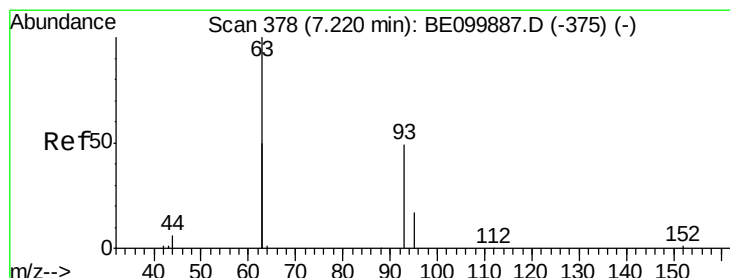
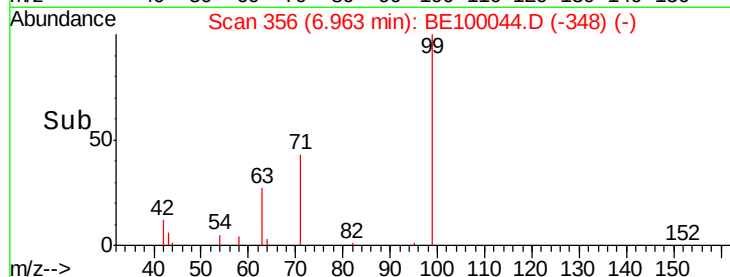
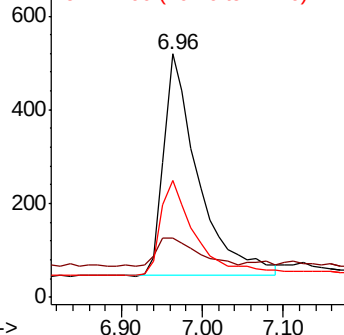
99 100

42 14.5 15.9 23.9#

71 47.8 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.380 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

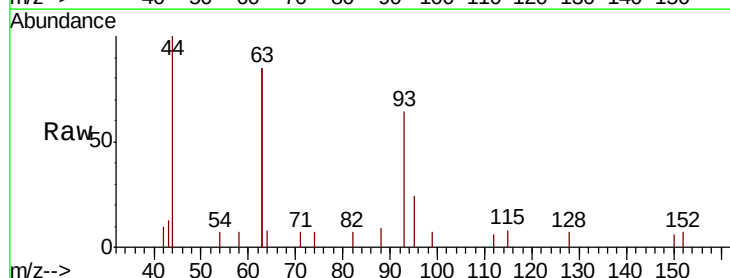
Tgt Ion: 93 Resp: 1090

Ion Ratio Lower Upper

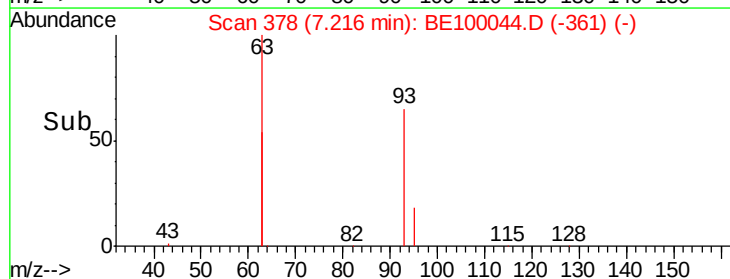
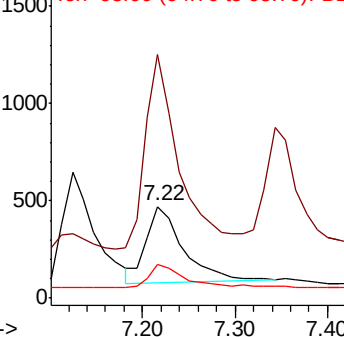
93 100

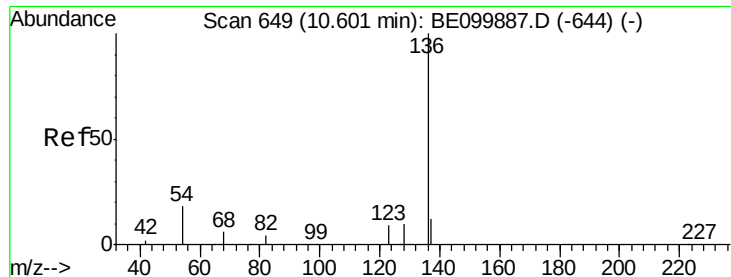
63 238.0 202.8 304.2

95 32.2 23.7 35.5



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3728

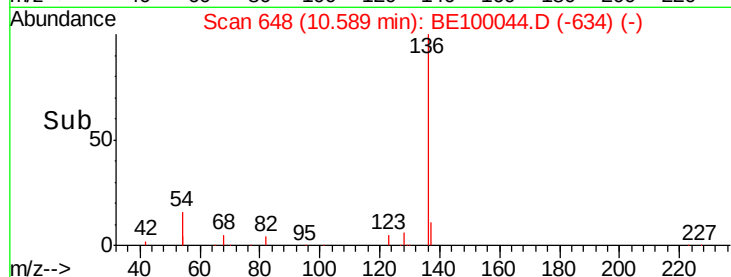
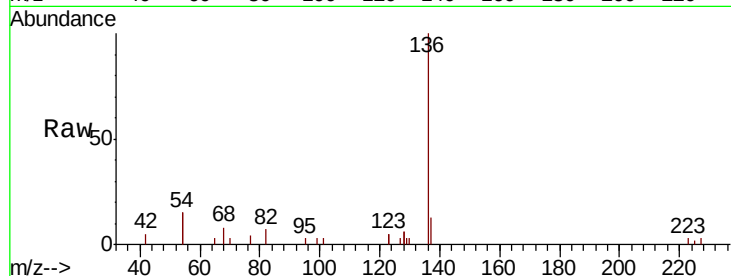
Ion Ratio Lower Upper

136 100

137 13.2 12.3 18.5

54 30.6 28.2 42.4

68 7.7 7.8 11.8#

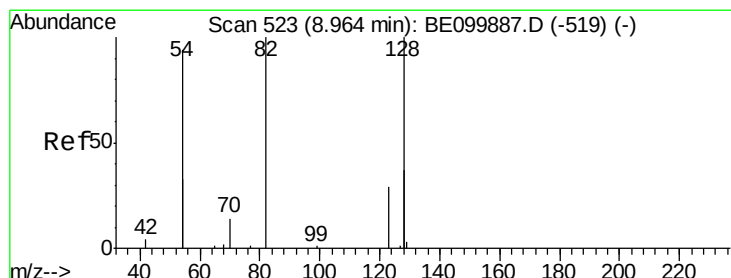
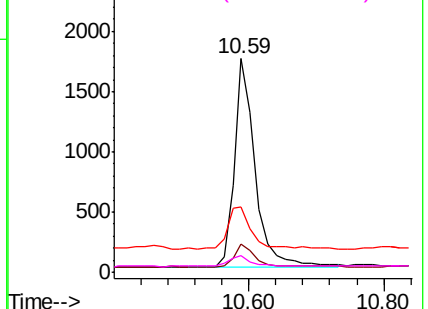


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.426 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

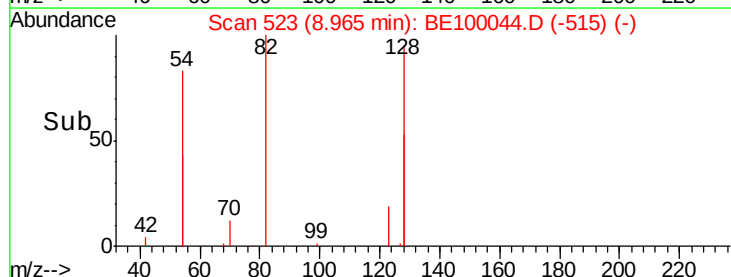
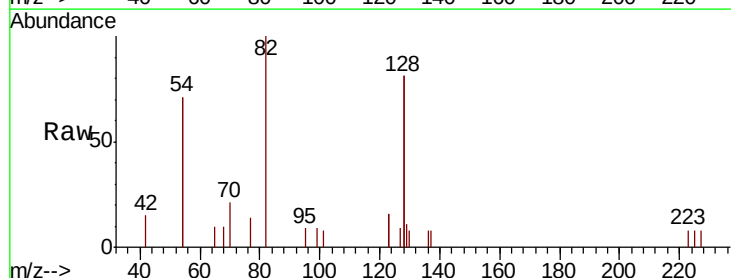
Tgt Ion: 82 Resp: 1503

Ion Ratio Lower Upper

82 100

128 162.1 137.3 205.9

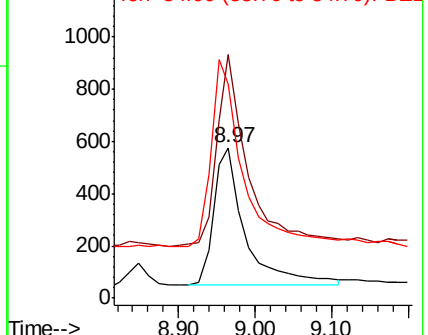
54 142.6 129.7 194.5

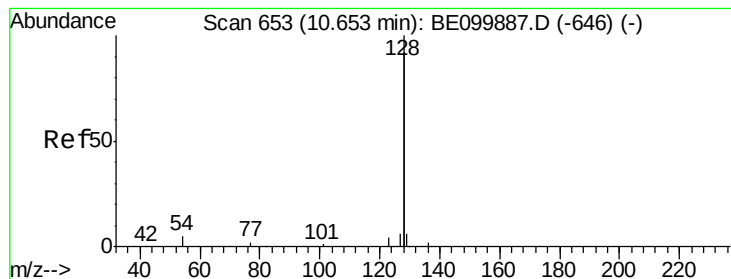


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.417 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

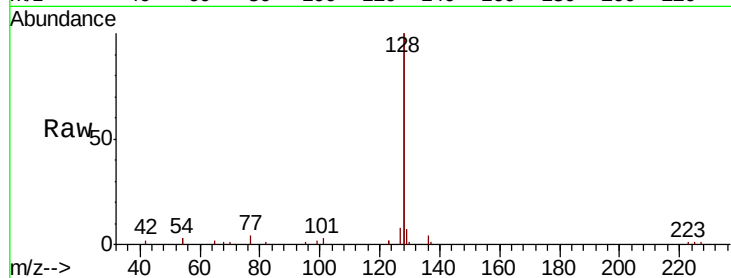
Tgt Ion:128 Resp: 16784

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

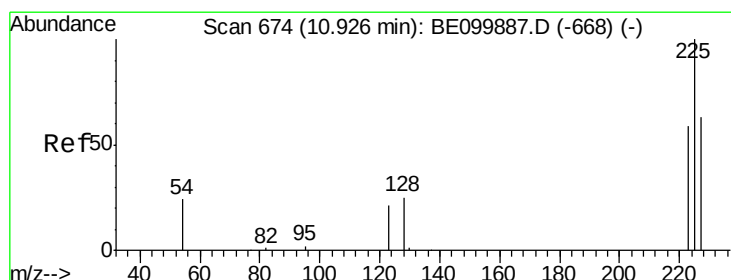
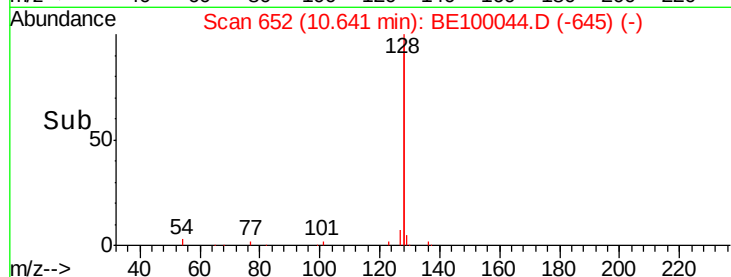
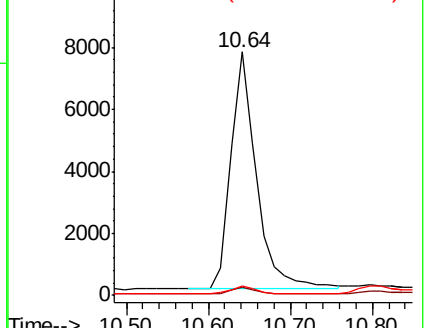
127 3.9 3.4 5.0



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: 0.444 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

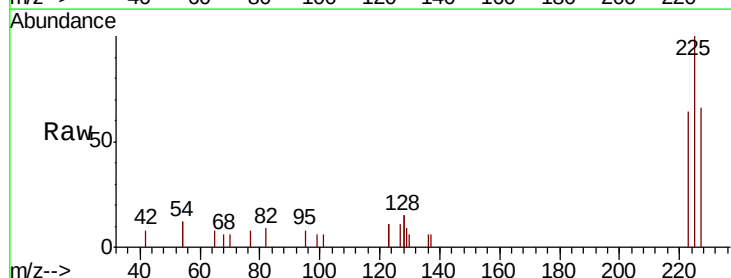
Tgt Ion:225 Resp: 1364

Ion Ratio Lower Upper

225 100

223 64.7 51.6 77.4

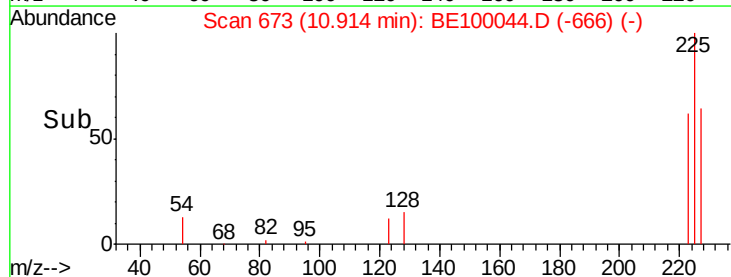
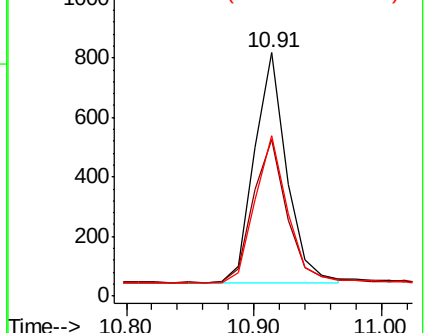
227 63.6 50.6 76.0

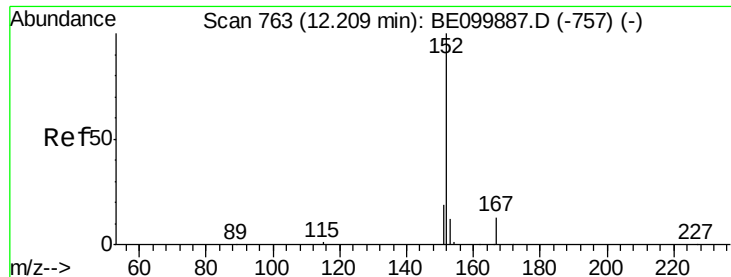


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

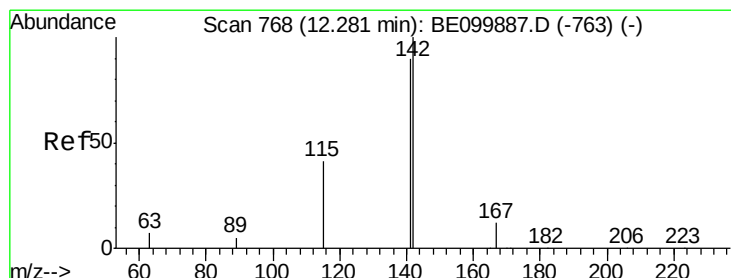
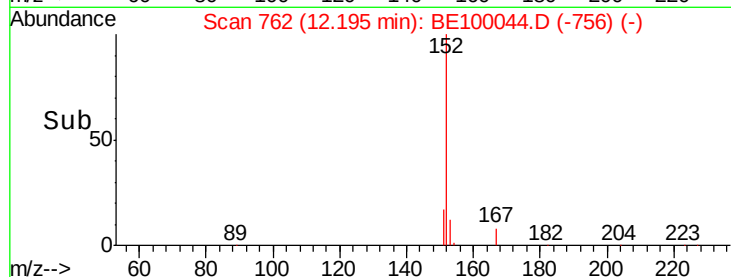
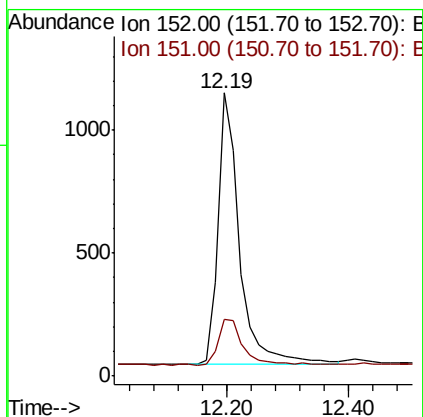
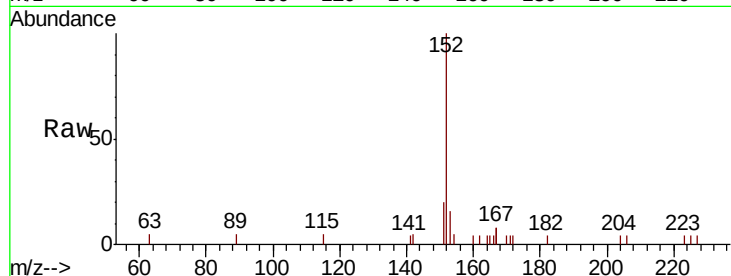




#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BE100044.D
 Acq: 15 Jun 2019 3:45

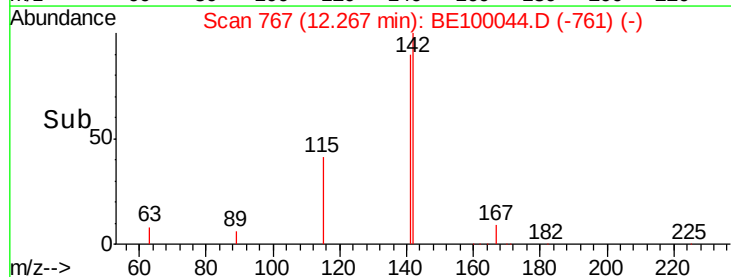
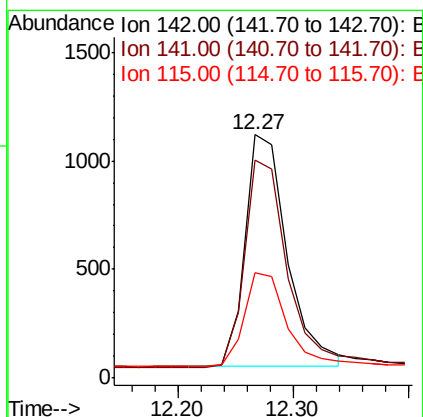
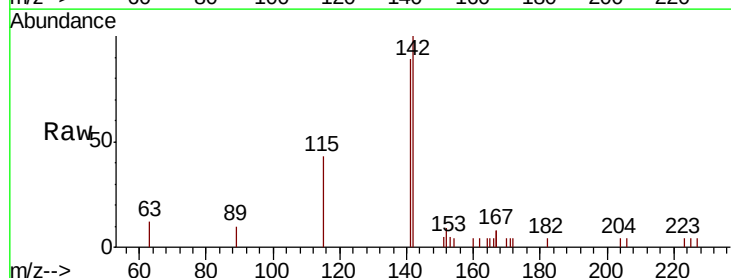
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

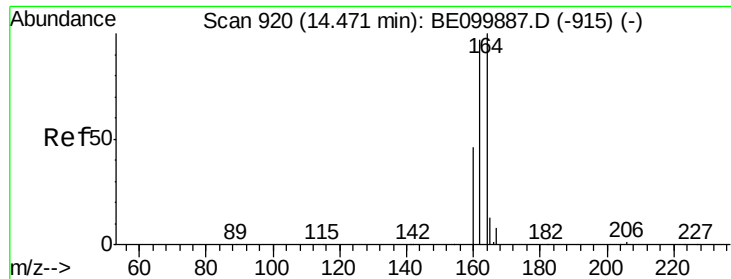
Tgt Ion:152 Resp: 2725
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.416 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BE100044.D
 Acq: 15 Jun 2019 3:45

Tgt Ion:142 Resp: 2720
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.3 108.5
 115 43.4 36.4 54.6

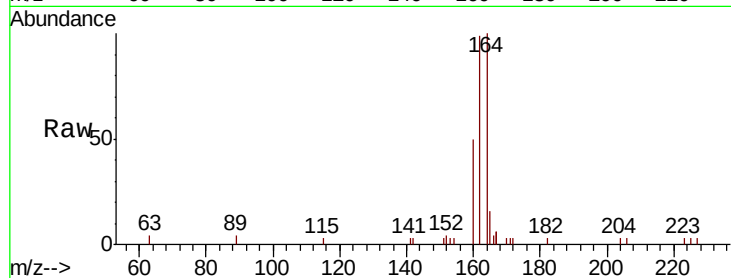




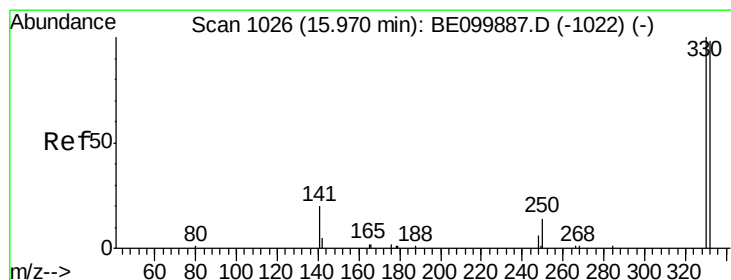
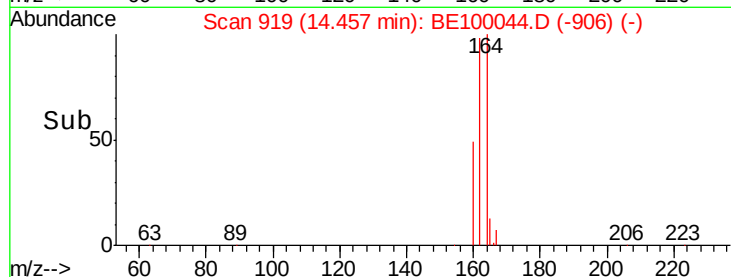
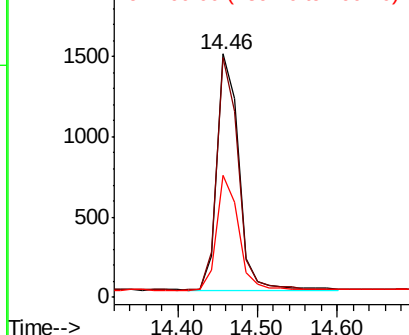
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BE100044.D
 Acq: 15 Jun 2019 3:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 2793
 Ion Ratio Lower Upper
 164 100
 162 98.6 77.8 116.8
 160 50.4 38.2 57.4

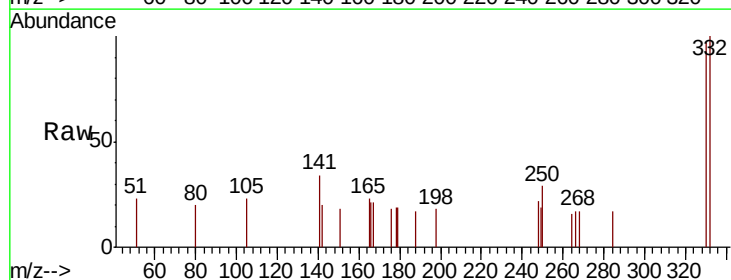


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

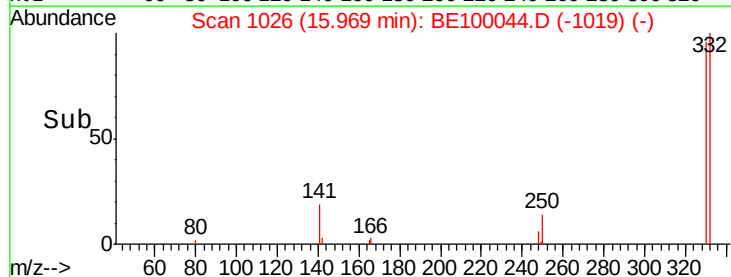
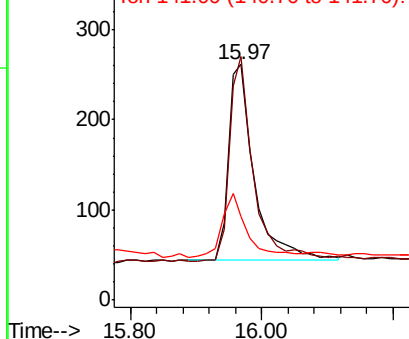


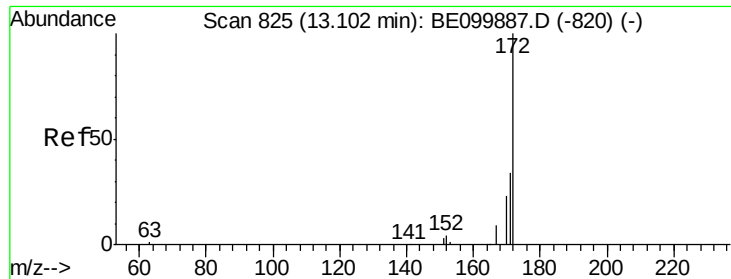
#14
 2,4,6-Tribromophenol
 Concen: 0.294 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE100044.D
 Acq: 15 Jun 2019 3:45

Tgt Ion:330 Resp: 606
 Ion Ratio Lower Upper
 330 100
 332 100.2 76.7 115.1
 141 30.0 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

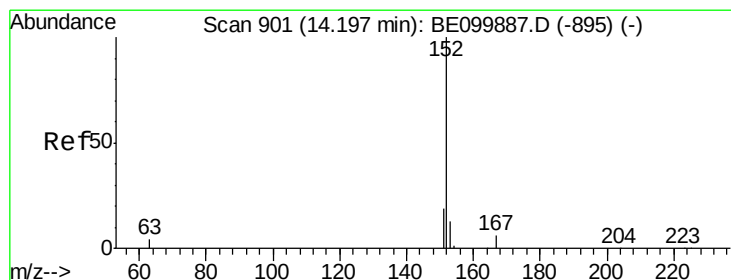
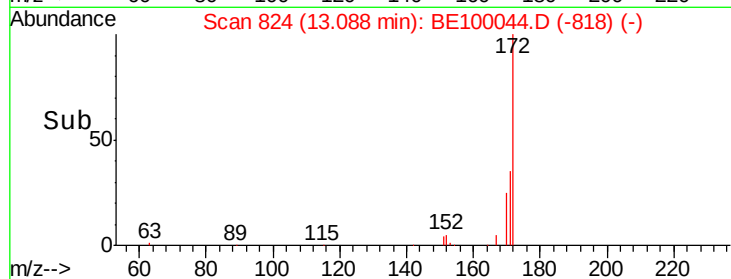
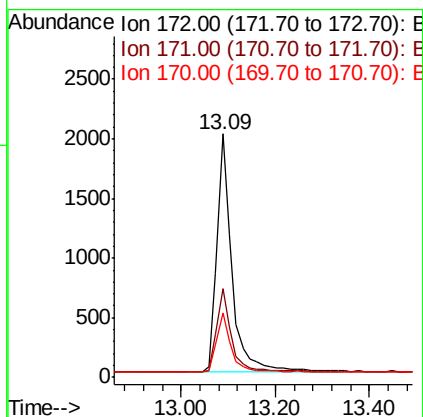
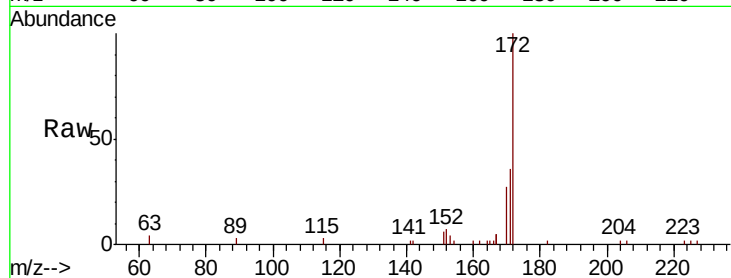




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

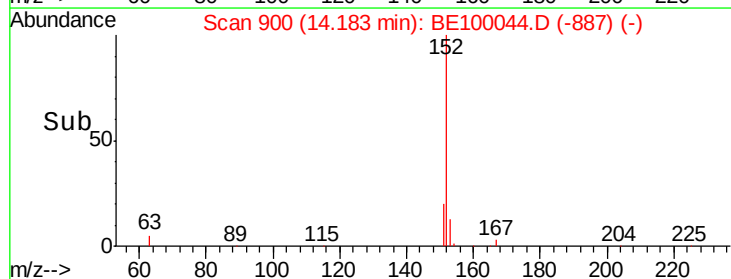
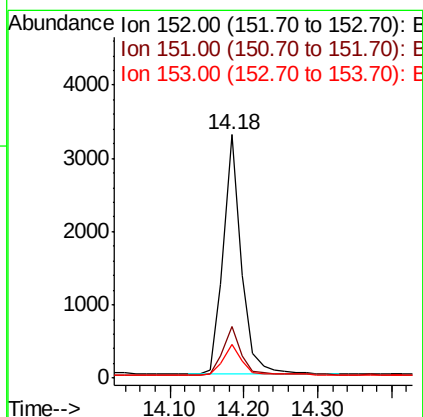
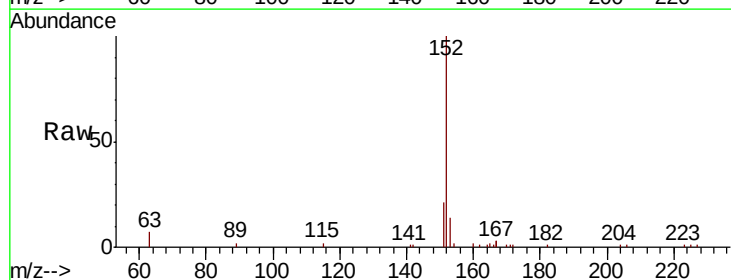
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

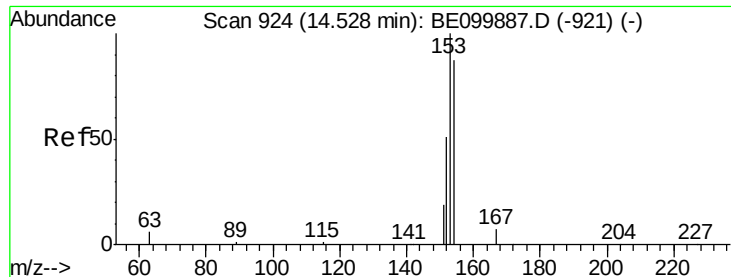
Tgt Ion:172 Resp: 4412
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 26.6 21.2 31.8



#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

Tgt Ion:152 Resp: 5648
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 12.5 10.2 15.2

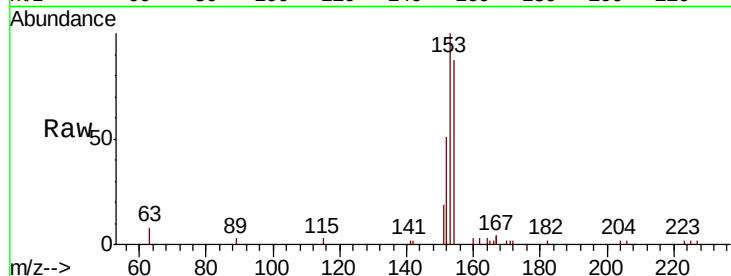




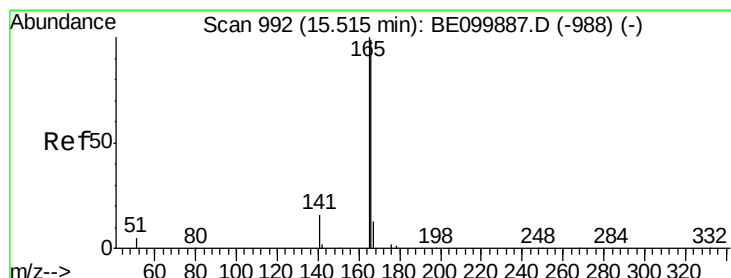
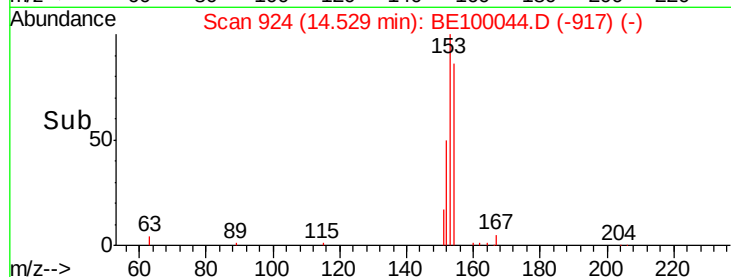
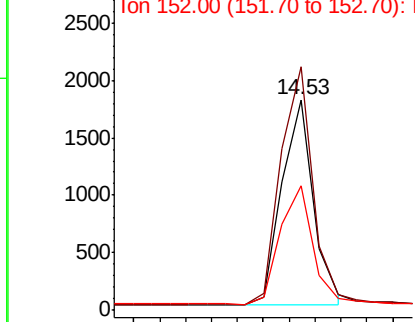
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3050
Ion Ratio Lower Upper
154 100
153 117.1 93.1 139.7
152 59.0 47.0 70.4

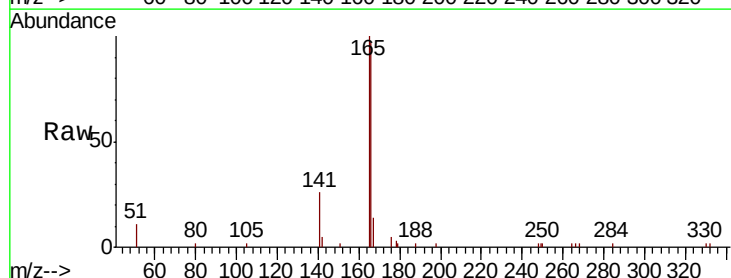


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

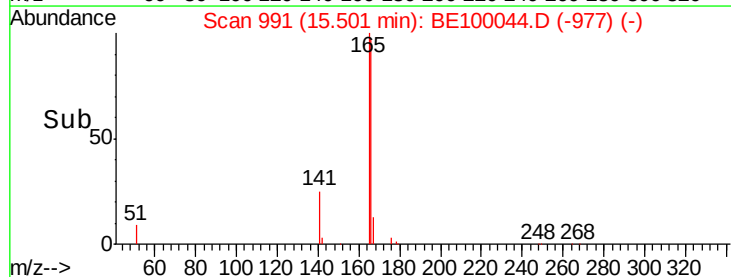
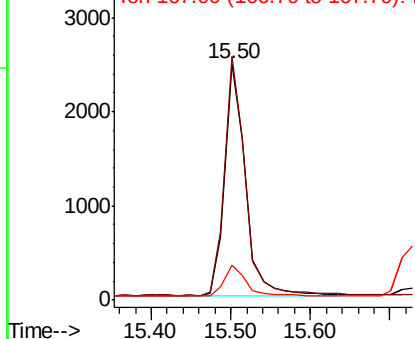


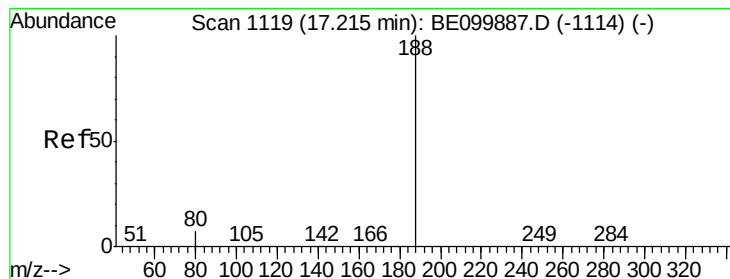
#18
Fluorene
Concen: 0.391 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

Tgt Ion:166 Resp: 4442
Ion Ratio Lower Upper
166 100
165 102.8 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

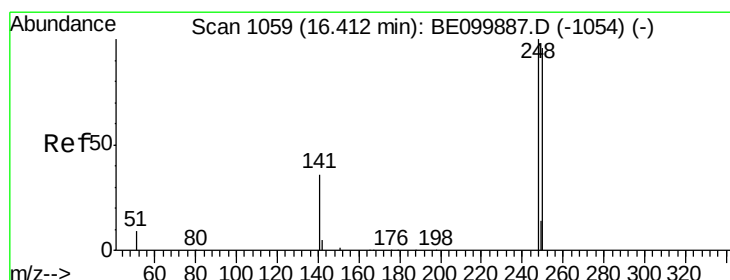
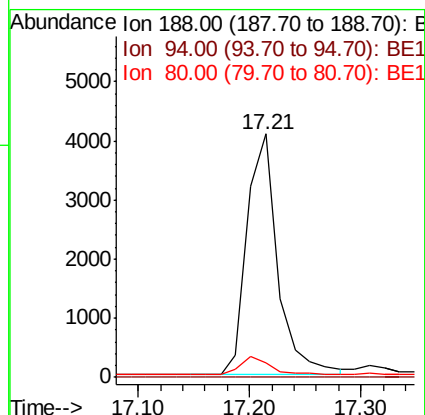
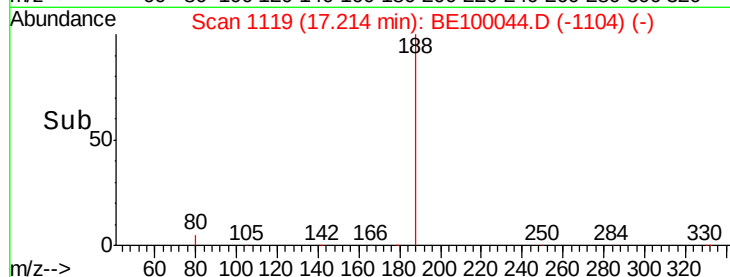
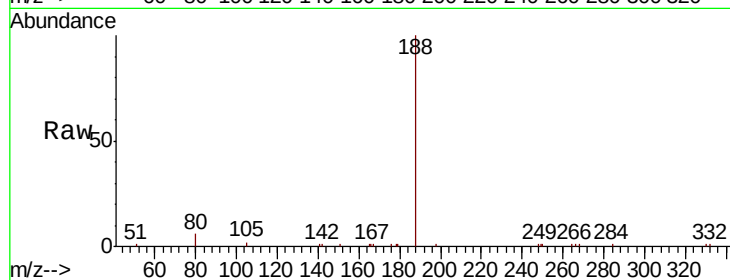
Tgt Ion:188 Resp: 7801

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: 0.453 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

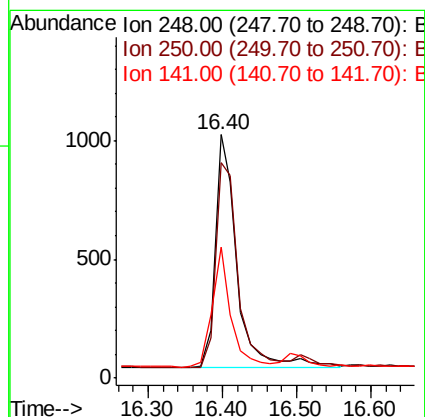
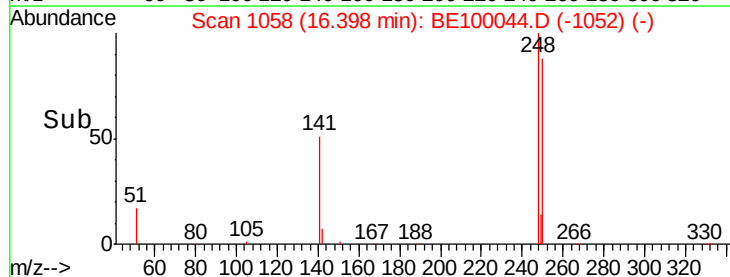
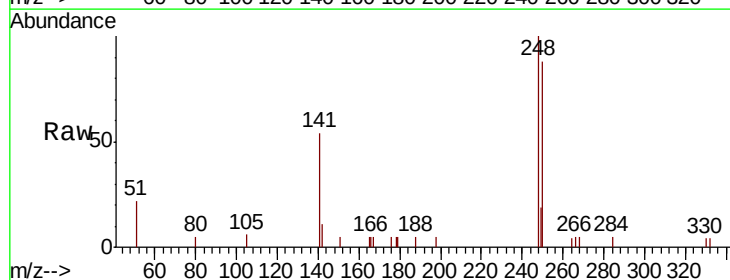
Tgt Ion:248 Resp: 2003

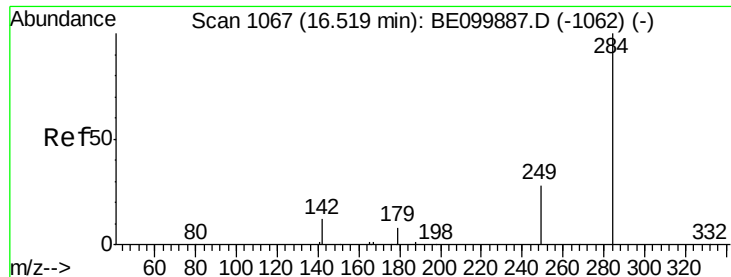
Ion Ratio Lower Upper

248 100

250 88.4 77.5 116.3

141 53.6 31.8 47.8#

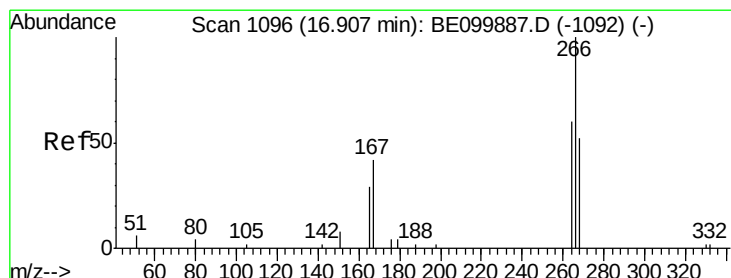
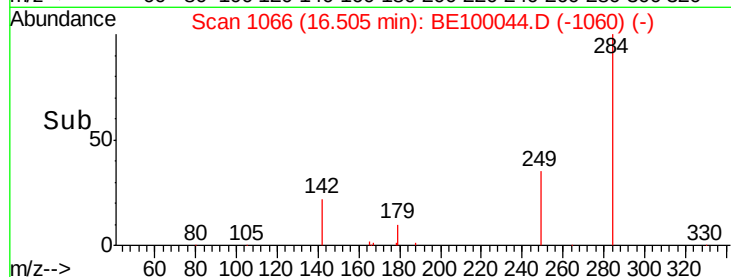
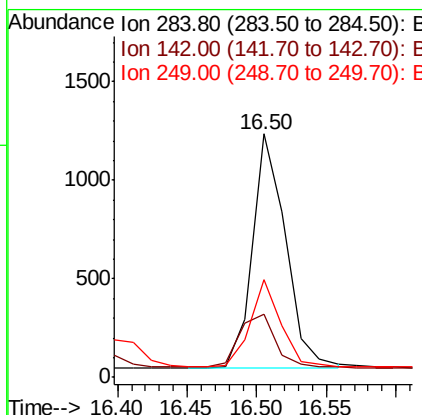
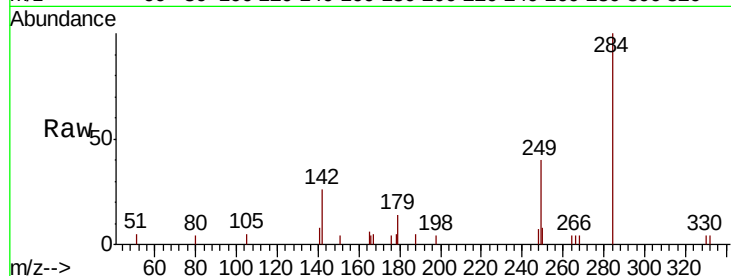




#21
Hexachlorobenzene
Concen: 0.435 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

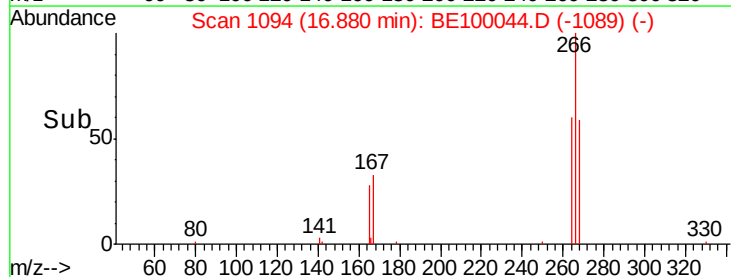
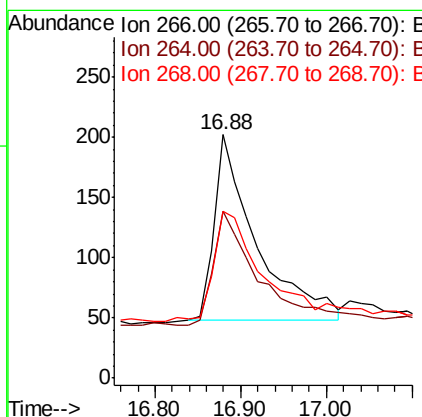
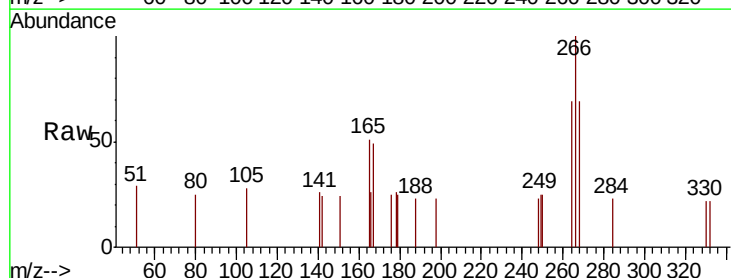
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

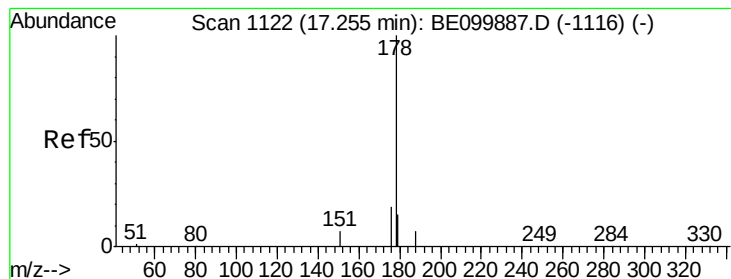
Tgt Ion: 284 Resp: 1966
Ion Ratio Lower Upper
284 100
142 24.0 18.2 27.4
249 34.0 24.6 37.0



#22
Pentachlorophenol
Concen: 0.540 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

Tgt Ion: 266 Resp: 522
Ion Ratio Lower Upper
266 100
264 68.8 62.2 93.2
268 68.8 65.5 98.3





#23

Phenanthrene

Concen: 0.419 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

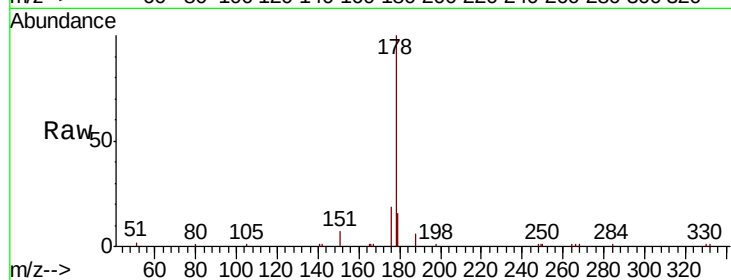
Tgt Ion:178 Resp: 7938

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

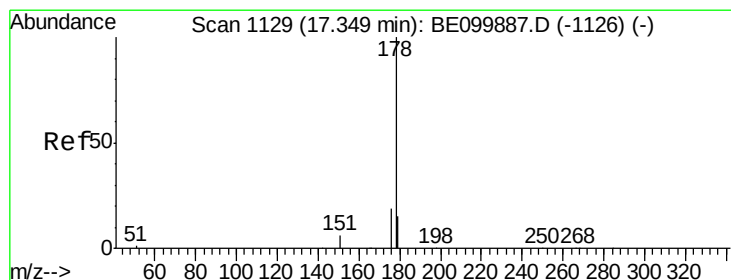
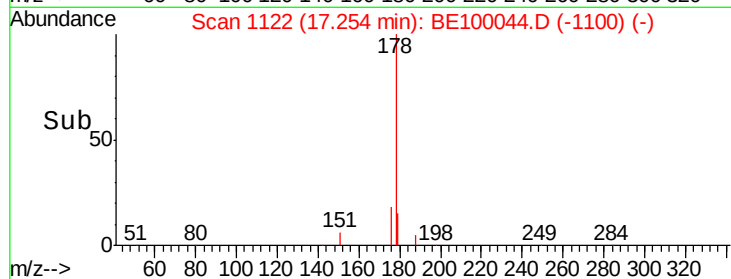
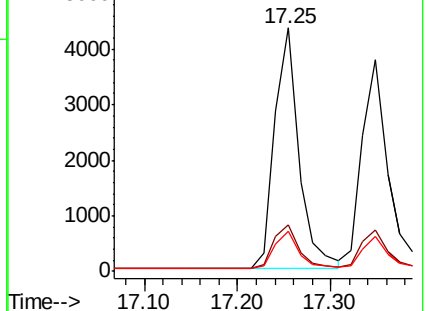
179 15.6 12.4 18.6



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: 0.408 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

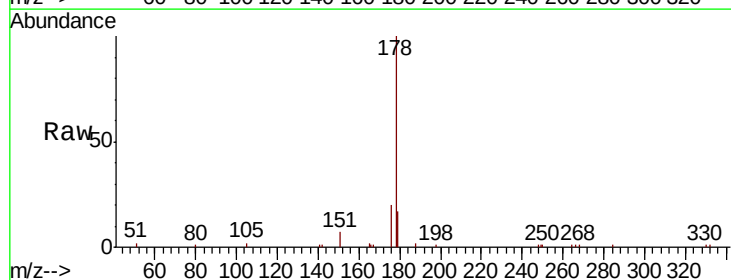
Tgt Ion:178 Resp: 7075

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

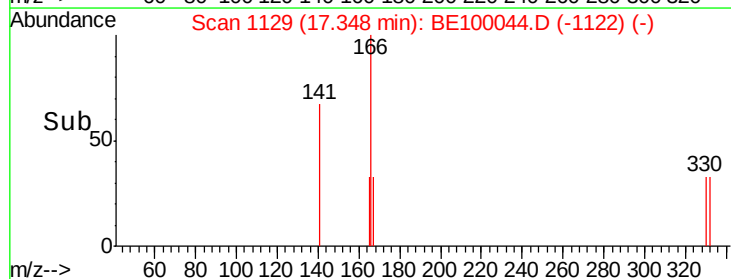
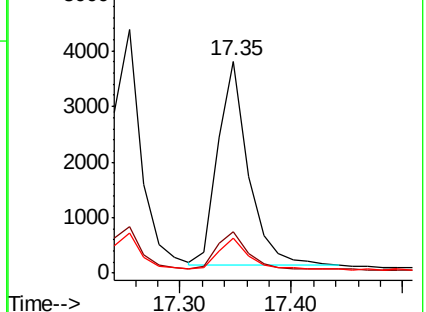
179 15.1 12.3 18.5

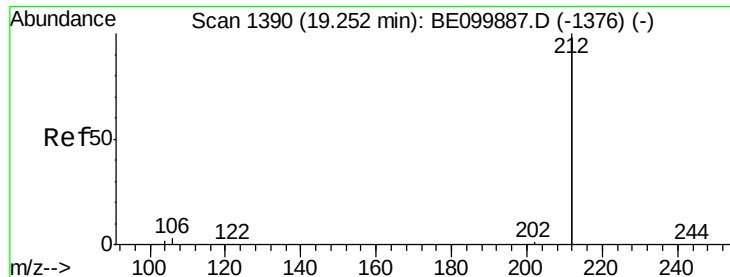


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

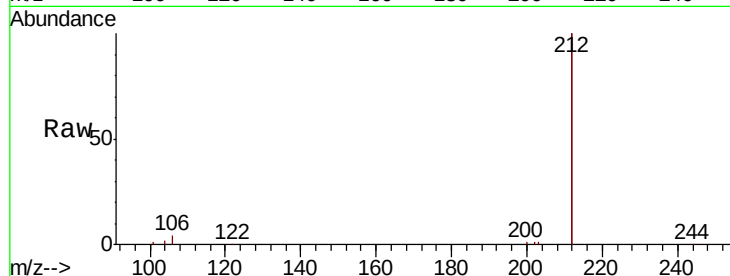
Tgt Ion:212 Resp: 41289

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

104 1.1 0.9 1.3

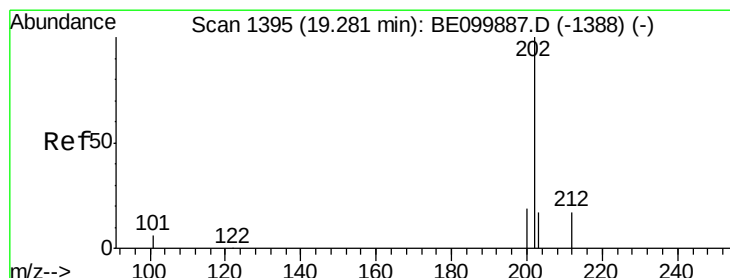
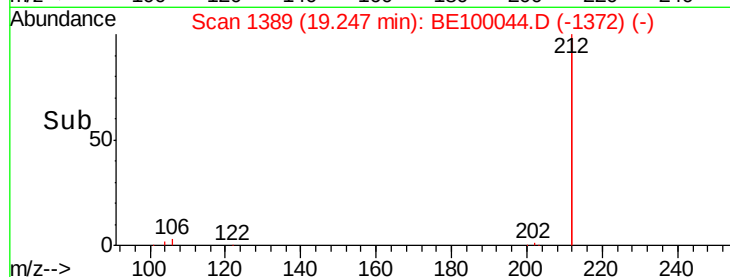
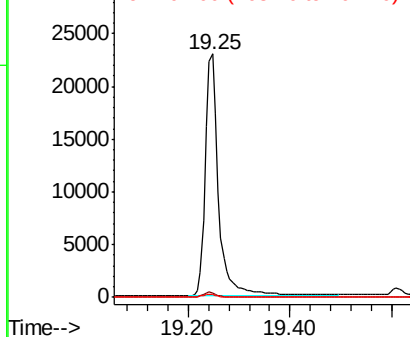


Abundance

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: 0.374 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

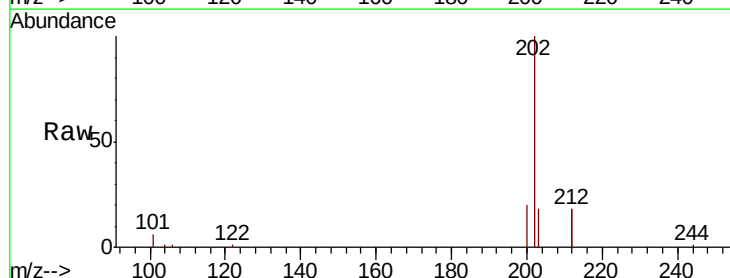
Tgt Ion:202 Resp: 12044

Ion Ratio Lower Upper

202 100

101 6.5 5.4 8.0

203 16.7 13.2 19.8

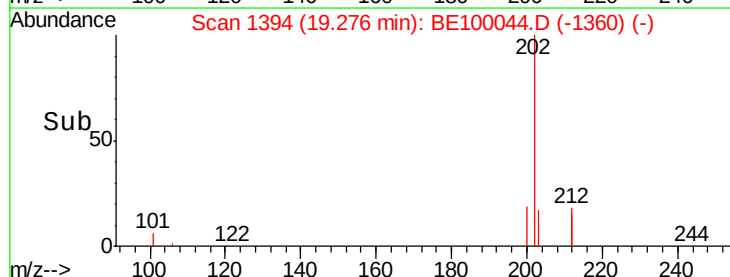
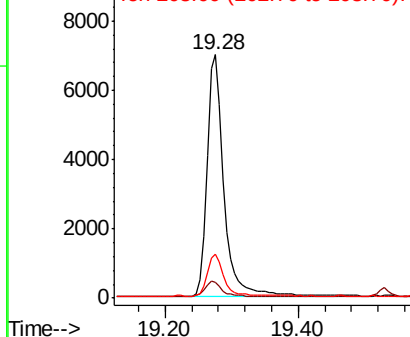


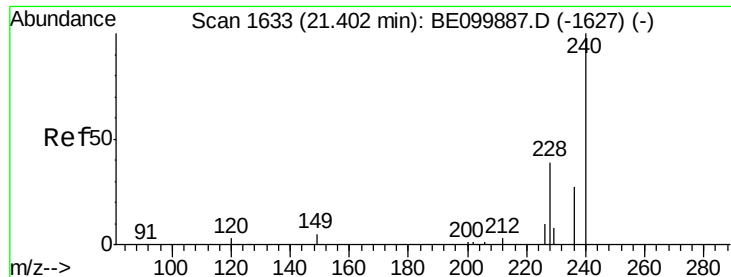
Abundance

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

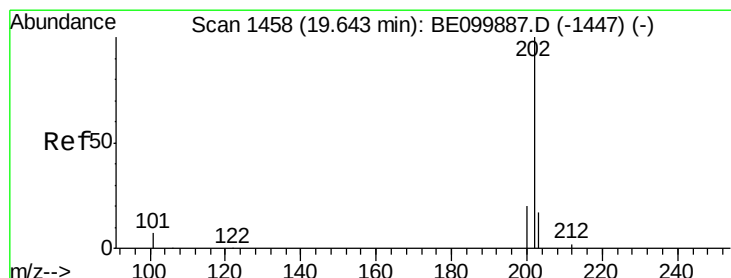
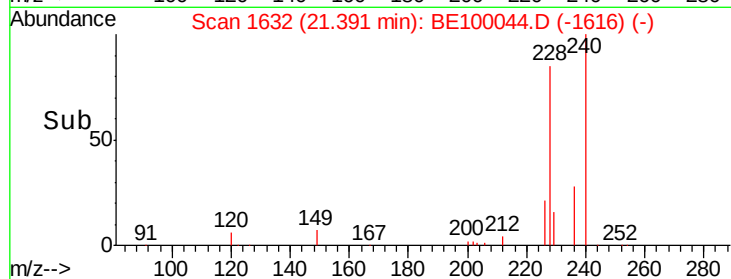
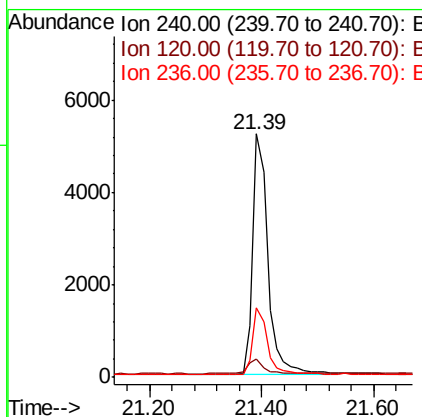
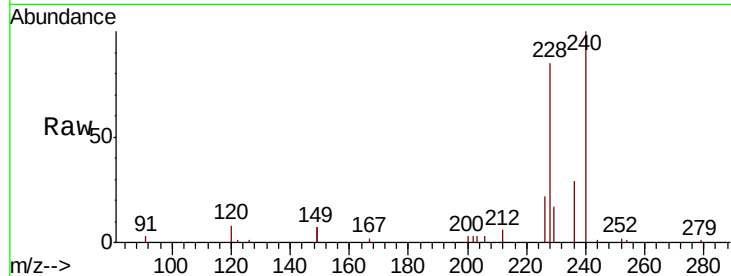




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE100044.D
 Acq: 15 Jun 2019 3:45

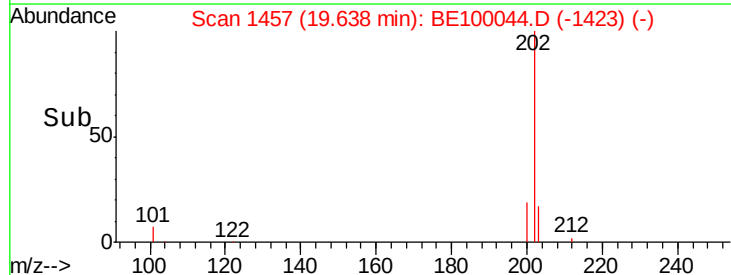
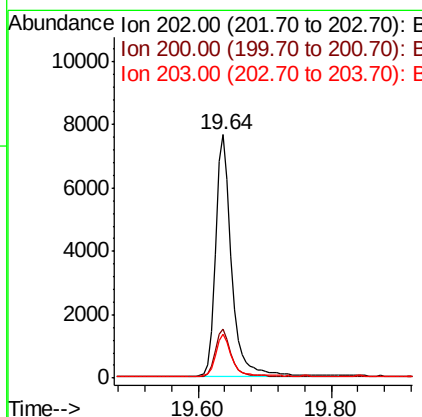
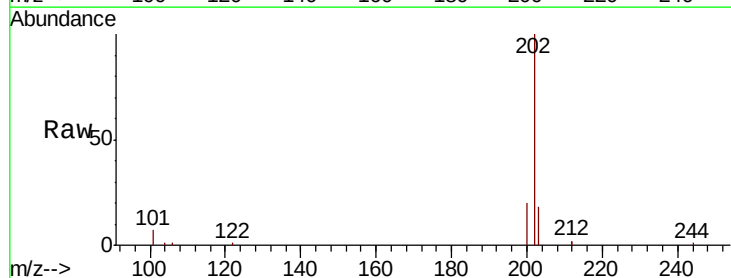
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

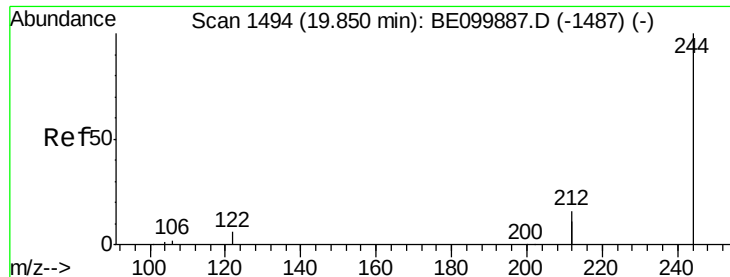
Tgt Ion:240 Resp: 9867
 Ion Ratio Lower Upper
 240 100
 120 7.6 3.8 5.6#
 236 28.5 22.0 33.0



#28
 Pyrene
 Concen: 0.484 ng
 RT: 19.64 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BE100044.D
 Acq: 15 Jun 2019 3:45

Tgt Ion:202 Resp: 12541
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.5 23.3
 203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.450 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

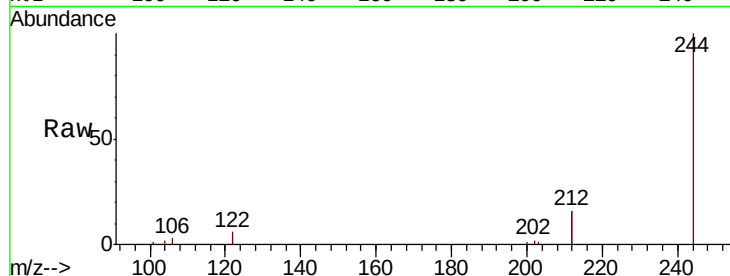
Tgt Ion:244 Resp: 8001

Ion Ratio Lower Upper

244 100

212 32.1 25.7 38.5

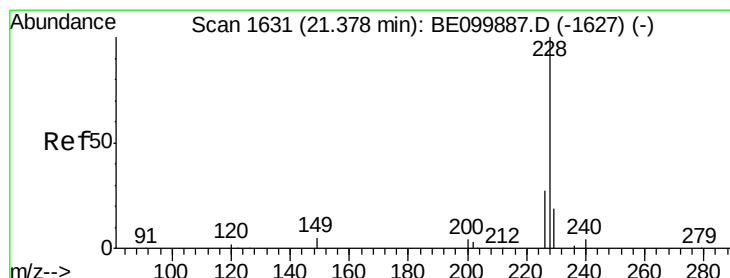
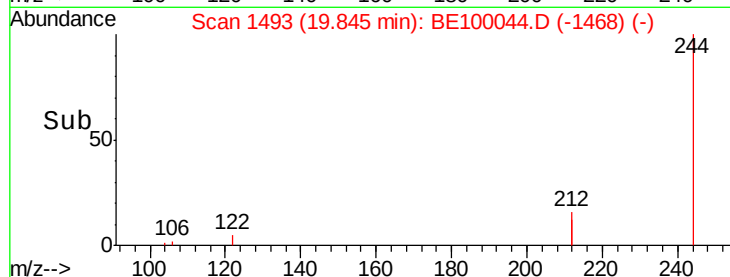
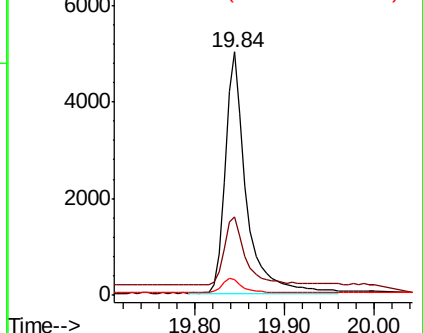
122 6.4 5.5 8.3



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: 0.435 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

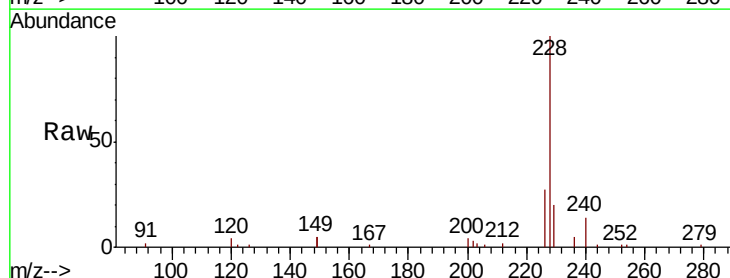
Tgt Ion:228 Resp: 12833

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

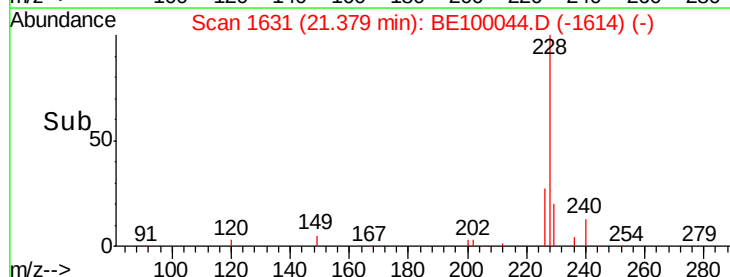
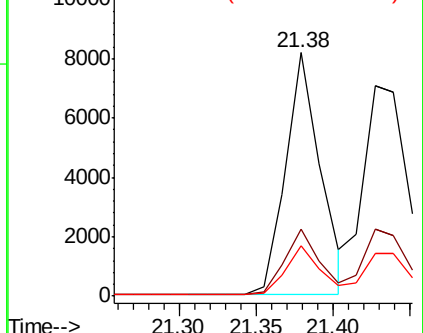
229 20.5 15.9 23.9

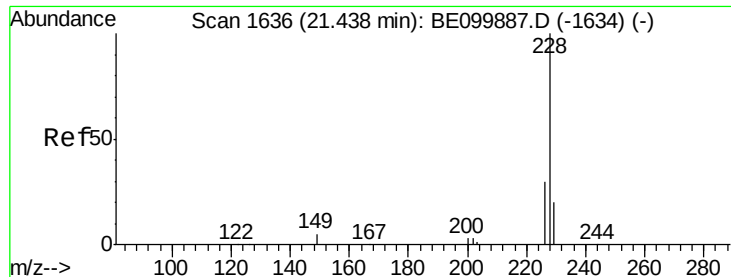


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.461 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

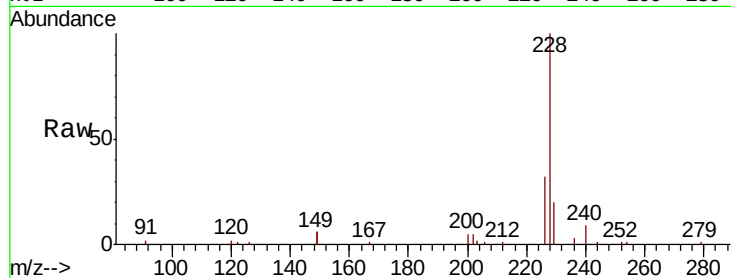
Tgt Ion: 228 Resp: 14067

Ion Ratio Lower Upper

228 100

226 31.9 24.1 36.1

229 20.1 16.1 24.1

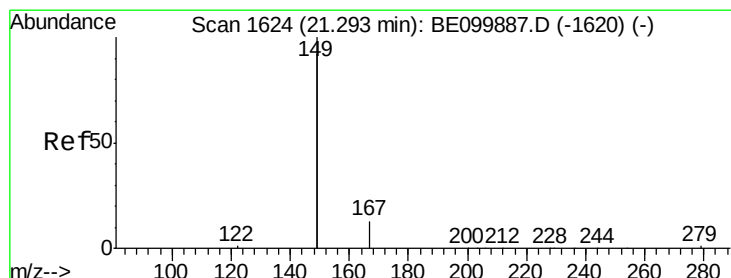
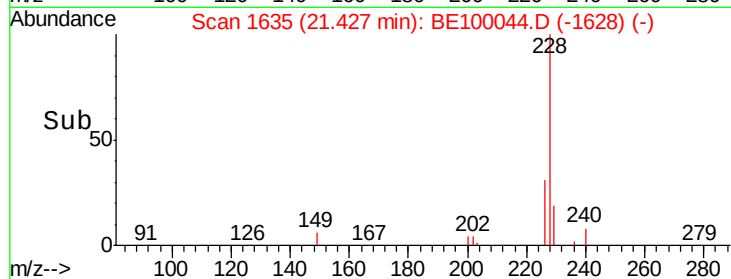
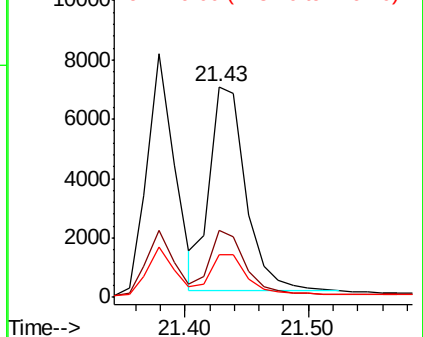


Abundance

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: 0.426 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

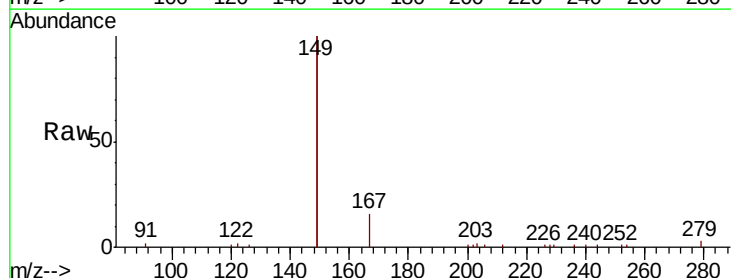
Tgt Ion: 149 Resp: 18047

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

279 1.4 1.2 1.8

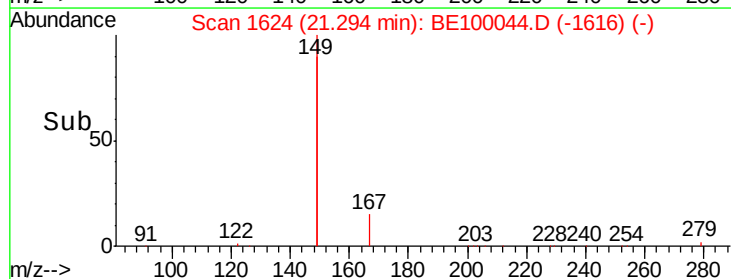
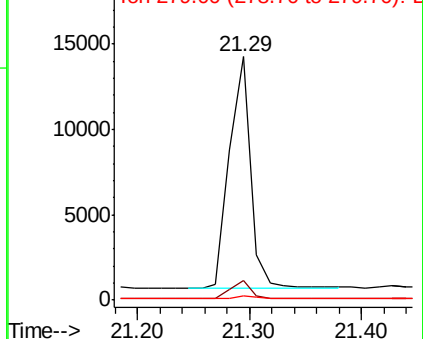


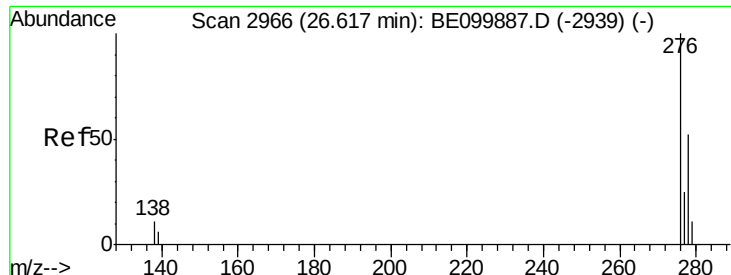
Abundance

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: 0.424 ng

RT: 26.61 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

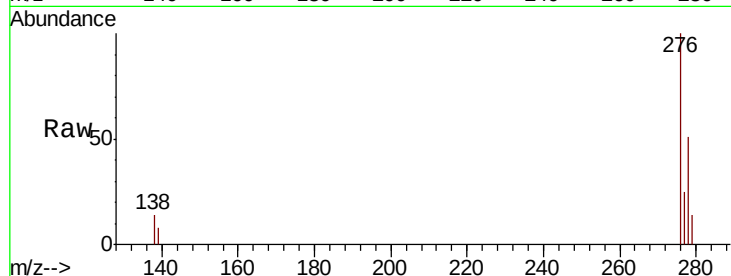
Tgt Ion:276 Resp: 15321

Ion Ratio Lower Upper

276 100

138 11.9 10.1 15.1

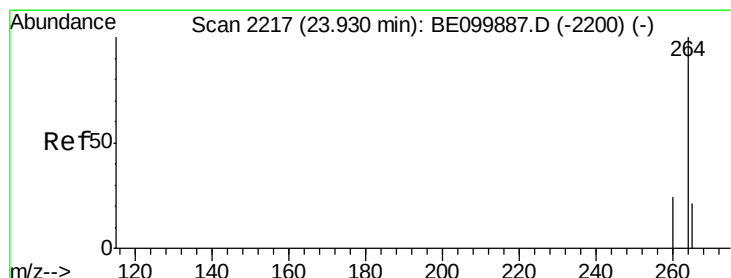
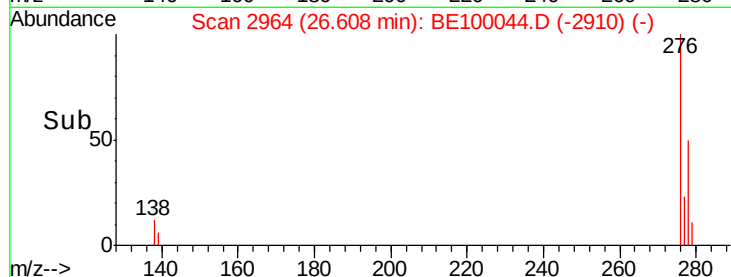
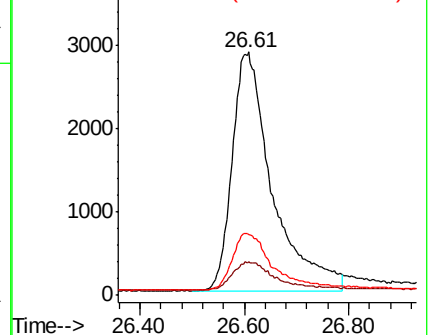
277 23.2 19.1 28.7



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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

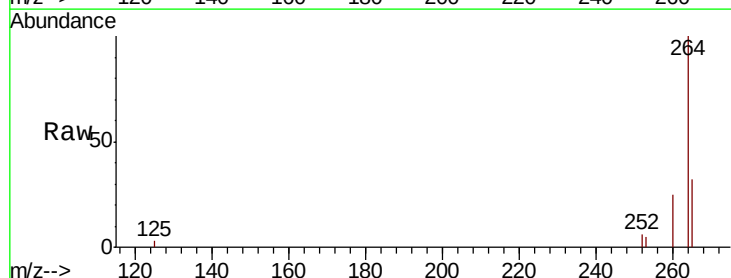
Tgt Ion:264 Resp: 11409

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

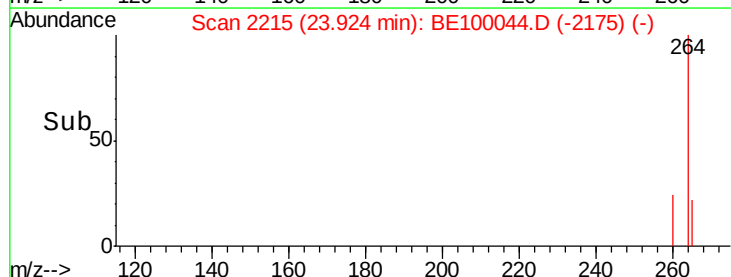
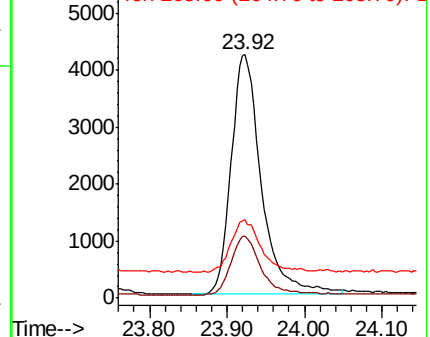
265 32.2 22.0 33.0

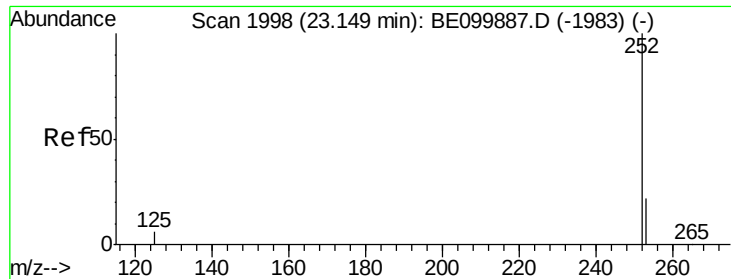


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

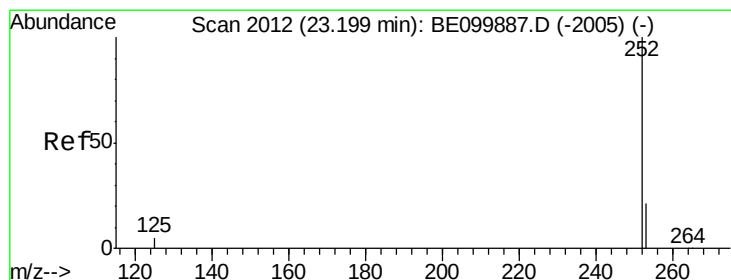
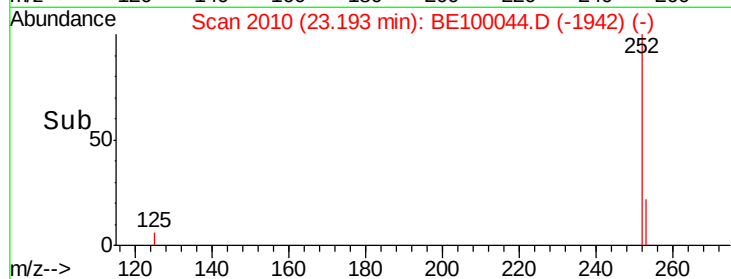
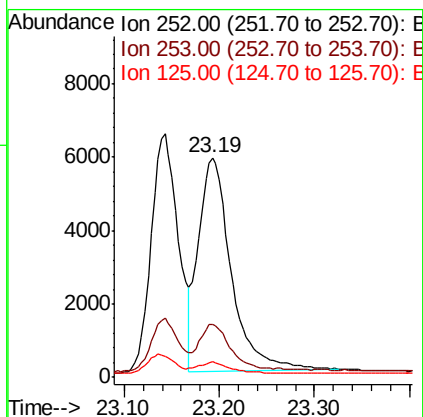
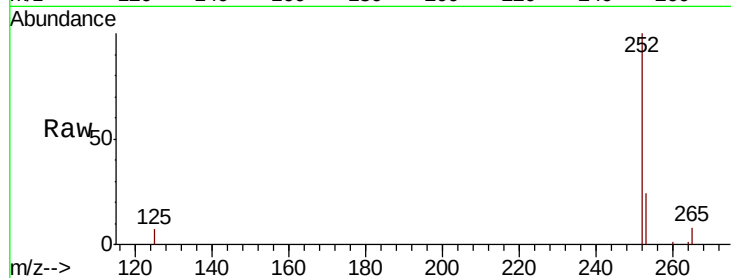




#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 23.19 min Scan# 2010
Delta R.T. 0.04 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

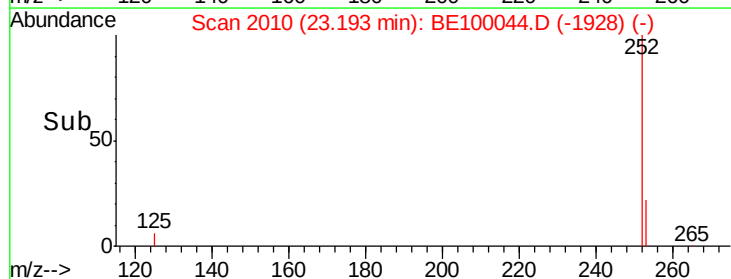
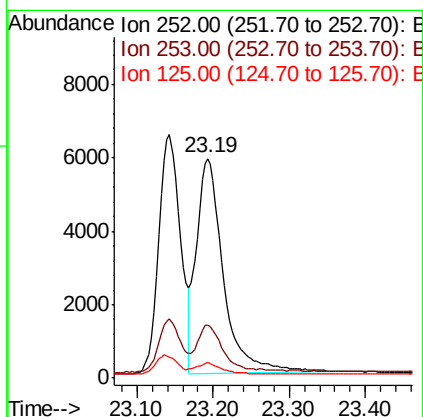
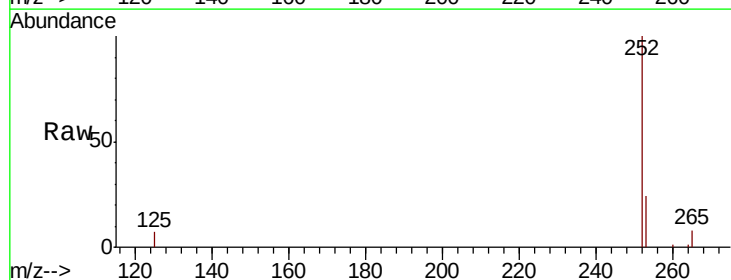
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

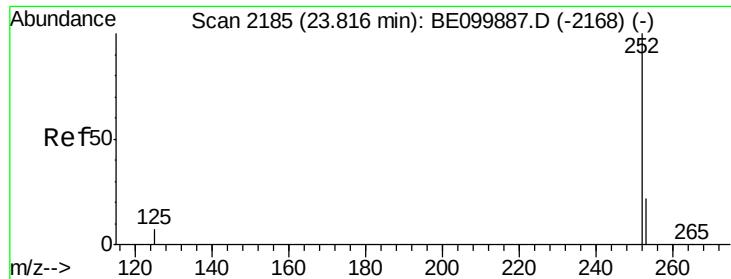
Tgt Ion:252 Resp: 14012
Ion Ratio Lower Upper
252 100
253 24.3 18.7 28.1
125 7.2 5.7 8.5



#36
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 23.19 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BE100044.D
Acq: 15 Jun 2019 3:45

Tgt Ion:252 Resp: 14485
Ion Ratio Lower Upper
252 100
253 24.3 18.6 28.0
125 7.2 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.417 ng

RT: 23.81 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

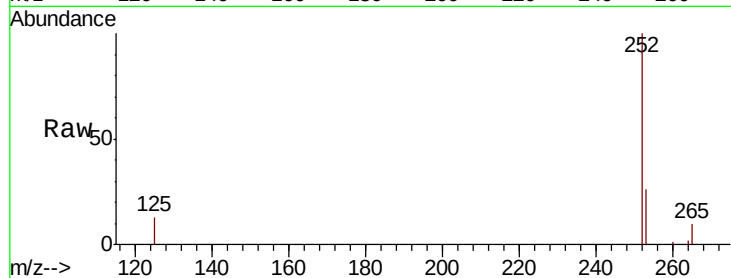
Tgt Ion:252 Resp: 13129

Ion Ratio Lower Upper

252 100

253 25.6 19.6 29.4

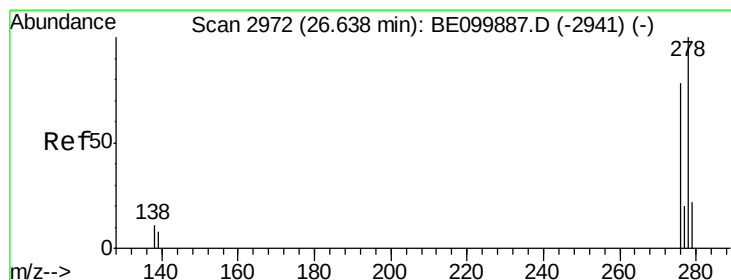
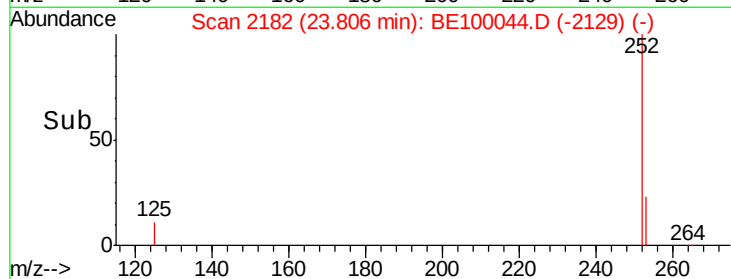
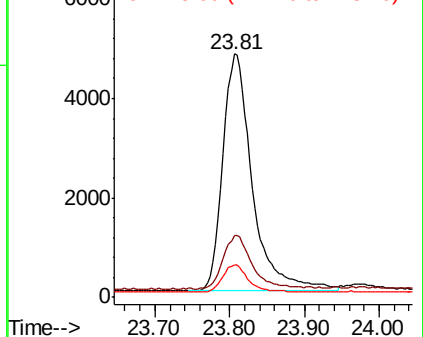
125 13.3 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.380 ng

RT: 26.63 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BE100044.D

Acq: 15 Jun 2019 3:45

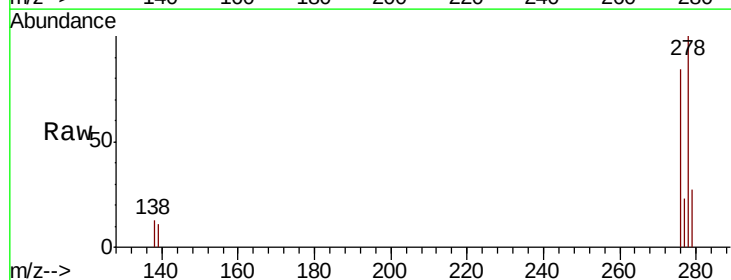
Tgt Ion:278 Resp: 12041

Ion Ratio Lower Upper

278 100

139 11.3 7.8 11.8

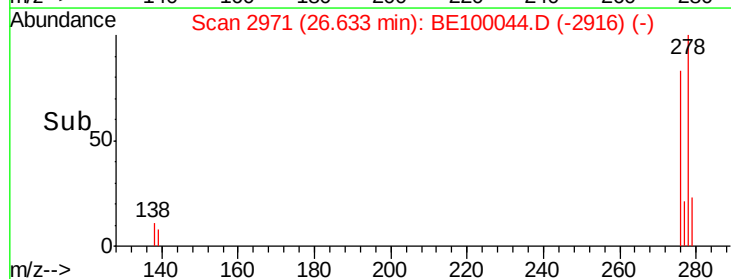
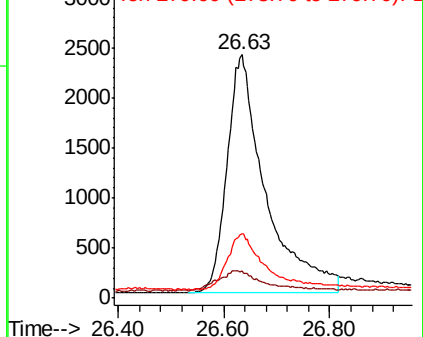
279 26.7 20.0 30.0

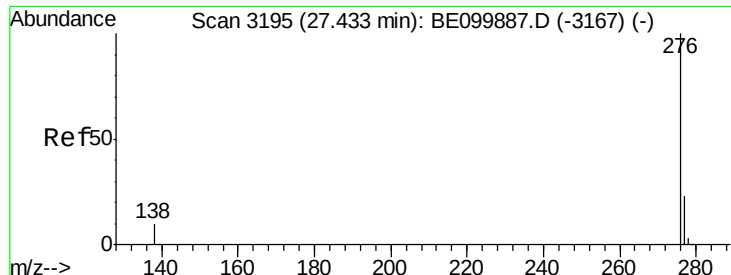


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.387 ng

RT: 27.42 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BE100044.D

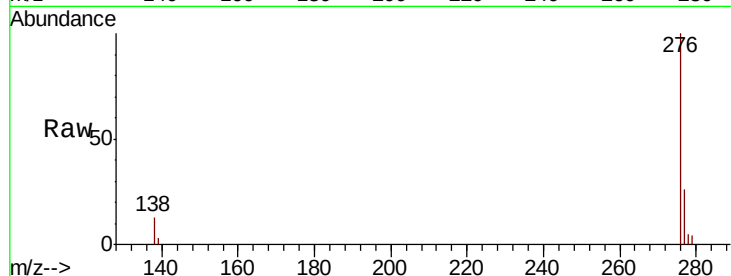
Acq: 15 Jun 2019 3:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 12685

Ion Ratio Lower Upper

276 100

277 25.7 19.5 29.3

138 13.2 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

