

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099979.D
 Acq On : 13 Jun 2019 8:45
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 14 03:22:15 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	7.79	152	631	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2430	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1923	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6795	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8759	0.40	ng	0.00
34) Perylene-d12	23.92	264	10120	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	649	0.38	ng	0.00
5) Phenol-d6	6.96	99	779	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	847	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1820	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	447	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2911	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	37241	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	7038	0.45	ng	0.00

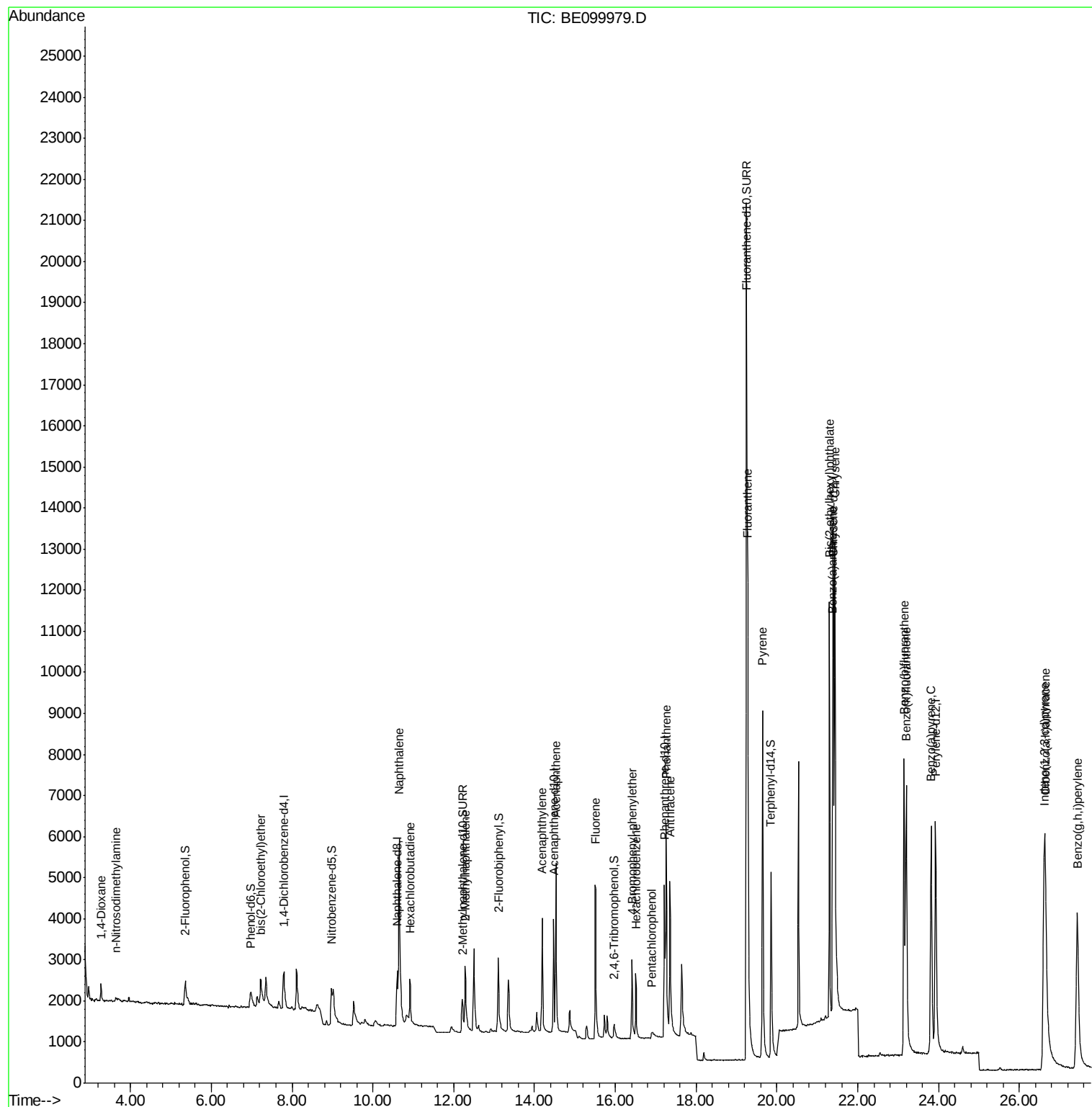
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	350	0.375	ng	# 94
3) n-Nitrosodimethylamine	3.64	42	72	0.134	ng	# 100
6) bis(2-Chloroethyl)ether	7.23	93	736	0.411	ng	# 70
9) Naphthalene	10.65	128	11057	0.422	ng	100
10) Hexachlorobutadiene	10.91	225	905	0.452	ng	100
12) 2-Methylnaphthalene	12.28	142	1724	0.405	ng	98
16) Acenaphthylene	14.18	152	4002	0.418	ng	100
17) Acenaphthene	14.53	154	2148	0.412	ng	97
18) Fluorene	15.51	166	3299	0.422	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	1504	0.391	ng	99
21) Hexachlorobenzene	16.51	284	1605	0.408	ng	100
22) Pentachlorophenol	16.91	266	289	0.452	ng	89
23) Phenanthrene	17.26	178	6555	0.398	ng	100
24) Anthracene	17.35	178	5441	0.360	ng	100
26) Fluoranthene	19.28	202	10883	0.388	ng	99
28) Pyrene	19.64	202	11068	0.481	ng	100
30) Benzo(a)anthracene	21.38	228	11386	0.435	ng	99
31) Chrysene	21.44	228	12605	0.466	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	12406	0.330	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	14321	0.446	ng	99
35) Benzo(b)fluoranthene	23.15	252	11414	0.402	ng	98
36) Benzo(k)fluoranthene	23.20	252	12072	0.407	ng	98
37) Benzo(a)pyrene	23.82	252	11436	0.409	ng	99
38) Dibenzo(a,h)anthracene	26.64	278	10940	0.389	ng	97
39) Benzo(g,h,i)perylene	27.43	276	12359	0.425	ng	98

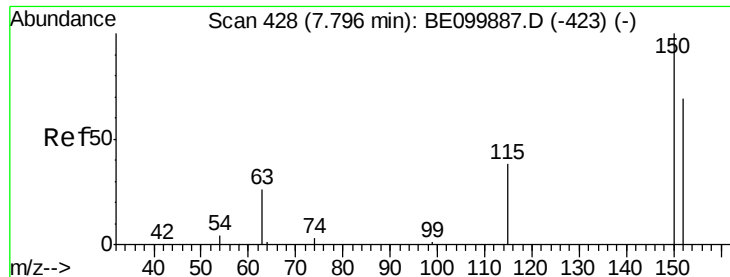
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

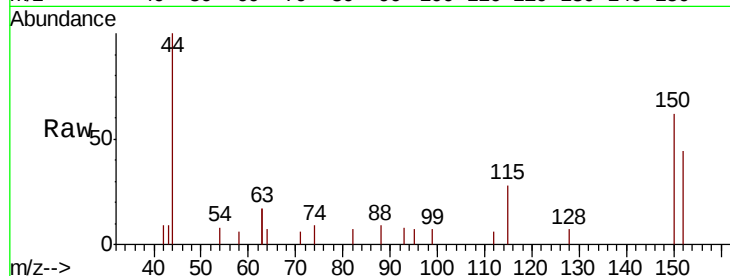
Tgt Ion: 152 Resp: 631

Ion Ratio Lower Upper

152 100

150 140.4 111.0 166.6

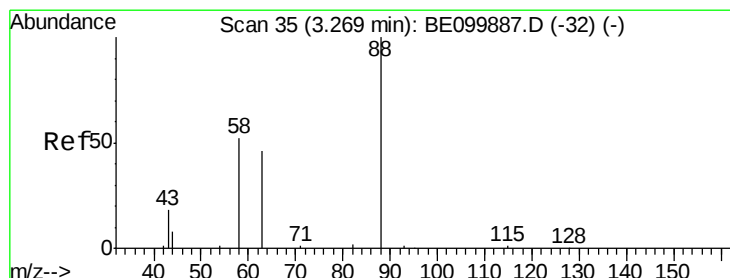
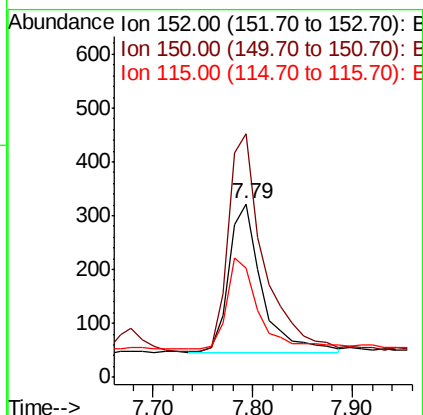
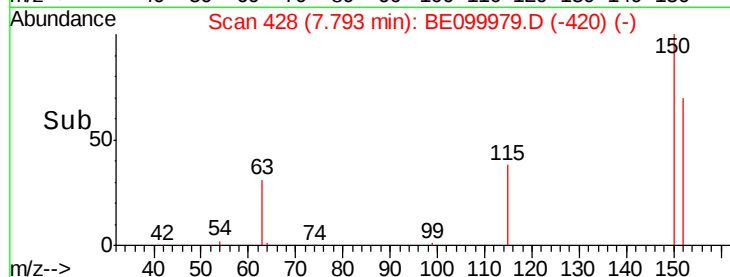
115 63.0 50.7 76.1



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: 0.375 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

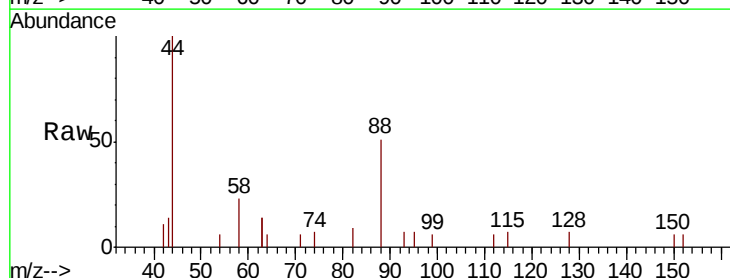
Tgt Ion: 88 Resp: 350

Ion Ratio Lower Upper

88 100

58 62.3 48.8 73.2

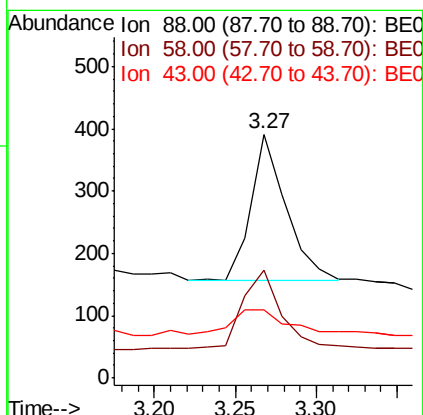
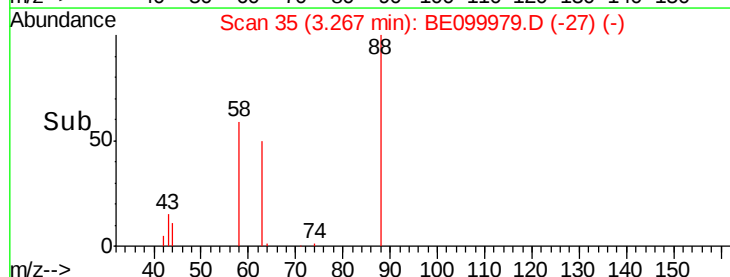
43 31.7 19.0 28.6#

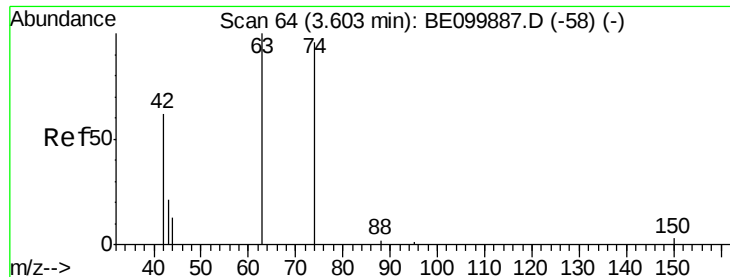


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.134 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

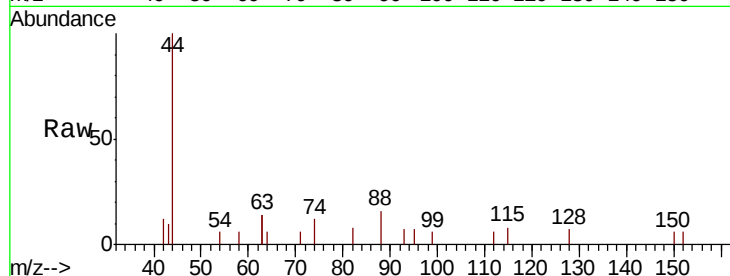
Tgt Ion: 42 Resp: 72

Ion Ratio Lower Upper

42 100

74 162.5 0.0 0.0#

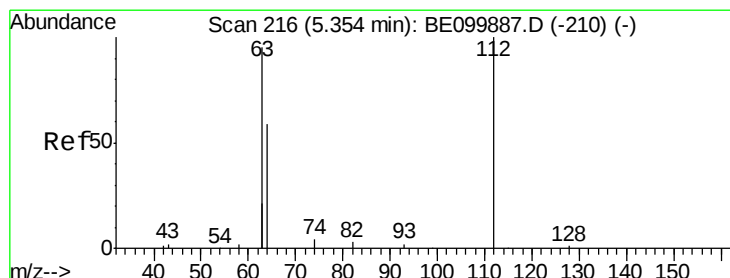
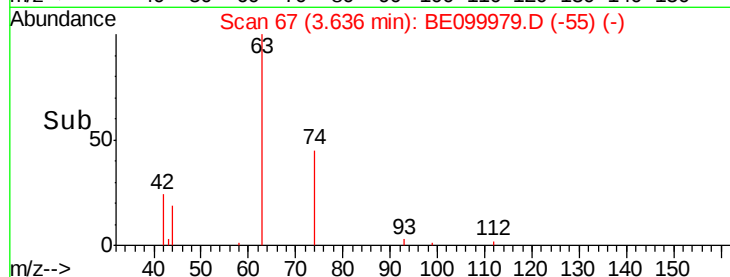
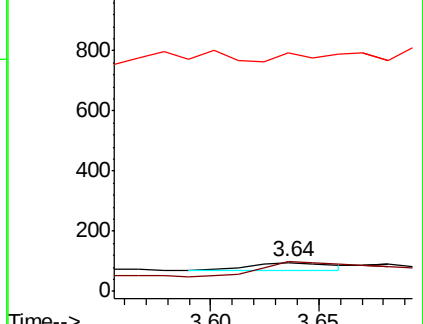
44 0.0 0.0 0.0



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: 0.381 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

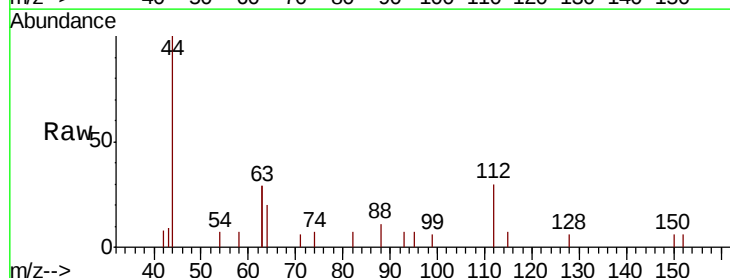
Tgt Ion: 112 Resp: 649

Ion Ratio Lower Upper

112 100

64 52.5 44.1 66.1

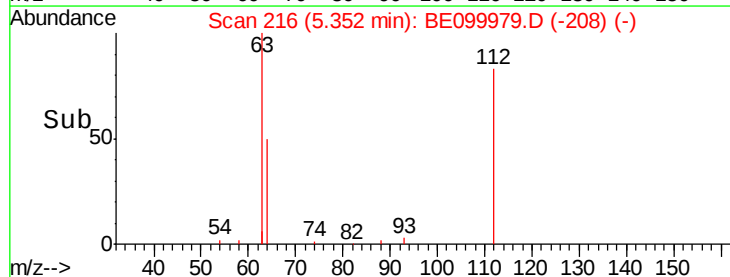
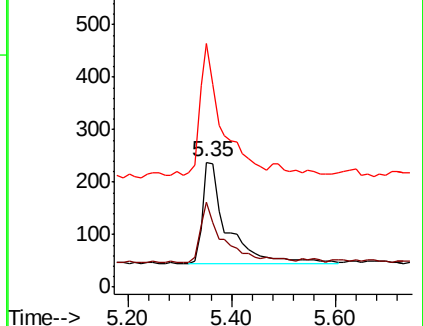
63 113.9 87.8 131.6

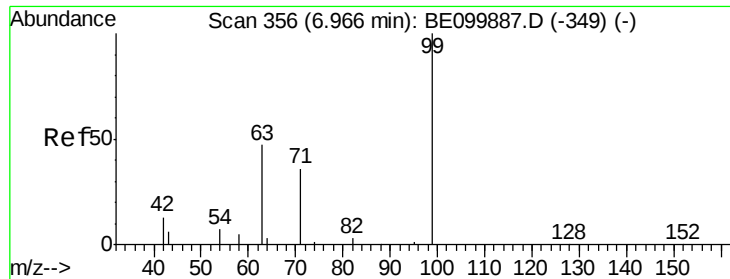


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.355 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

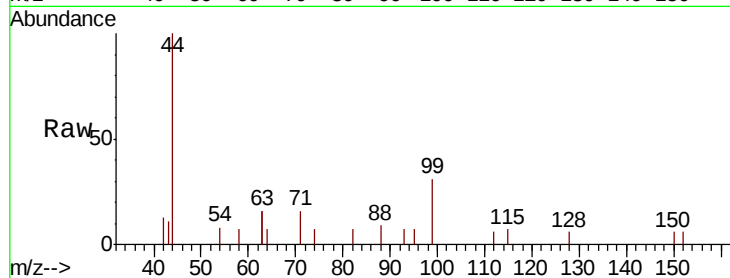
Tgt Ion: 99 Resp: 779

Ion Ratio Lower Upper

99 100

42 19.8 15.9 23.9

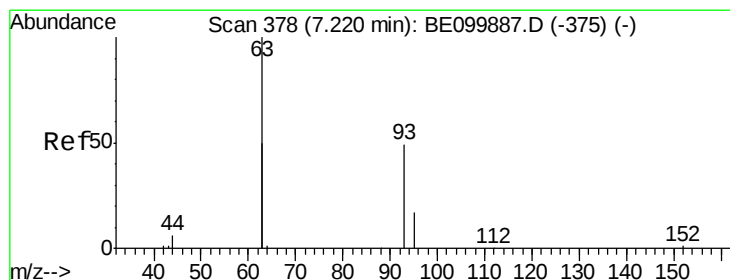
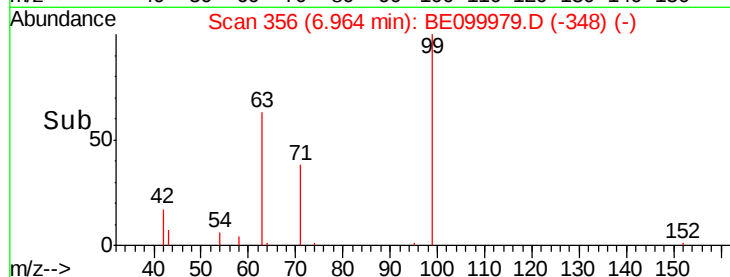
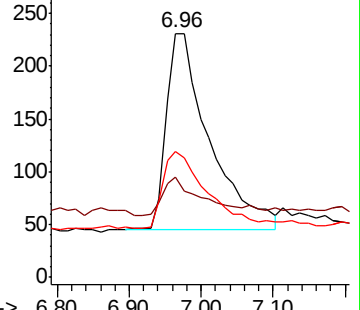
71 42.1 34.6 52.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.411 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

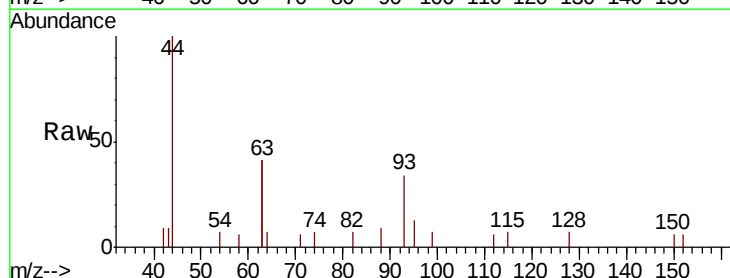
Tgt Ion: 93 Resp: 736

Ion Ratio Lower Upper

93 100

63 194.7 202.8 304.2#

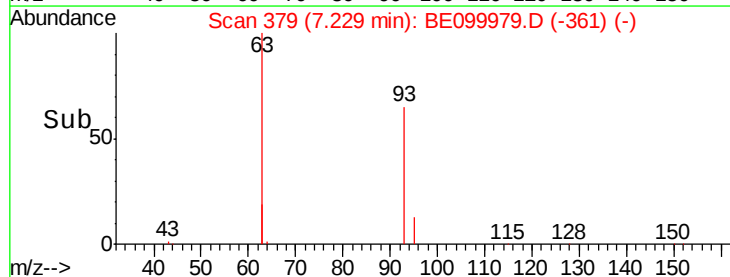
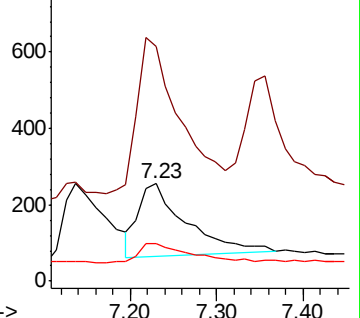
95 28.7 23.7 35.5

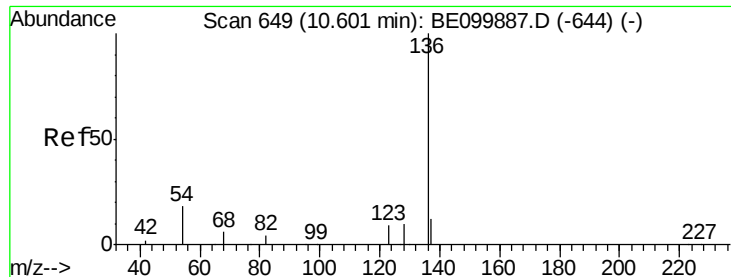


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2430

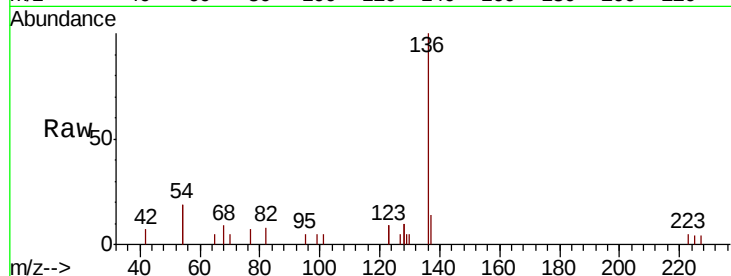
Ion Ratio Lower Upper

136 100

137 13.6 12.3 18.5

54 37.5 28.2 42.4

68 9.1 7.8 11.8

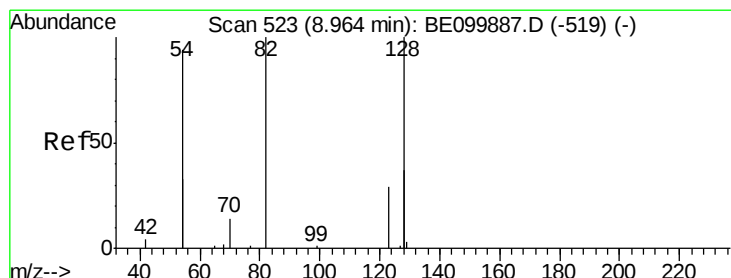
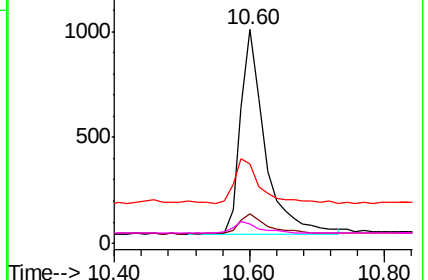
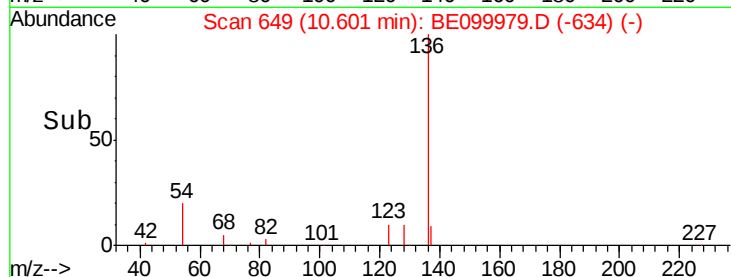


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

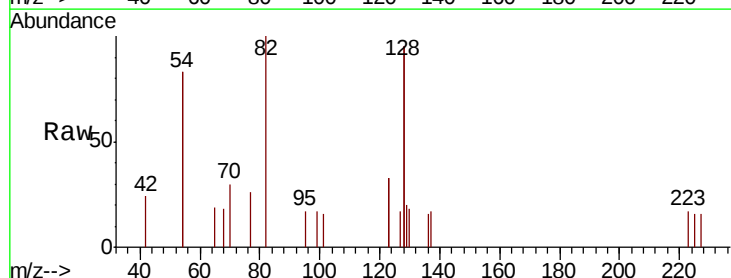
Tgt Ion: 82 Resp: 847

Ion Ratio Lower Upper

82 100

128 190.7 137.3 205.9

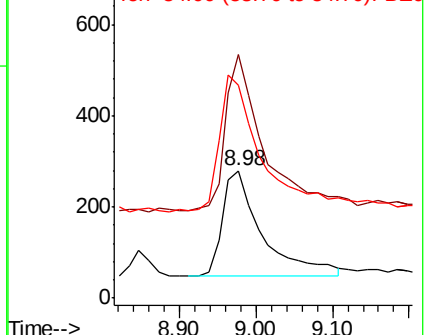
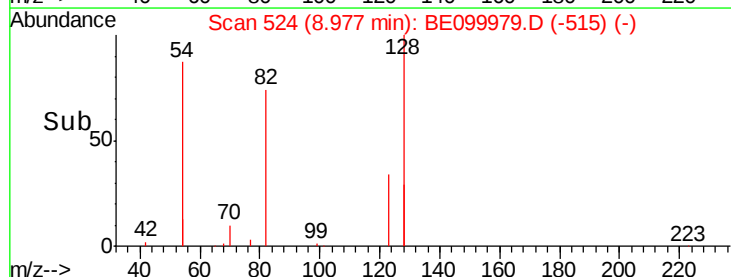
54 166.4 129.7 194.5

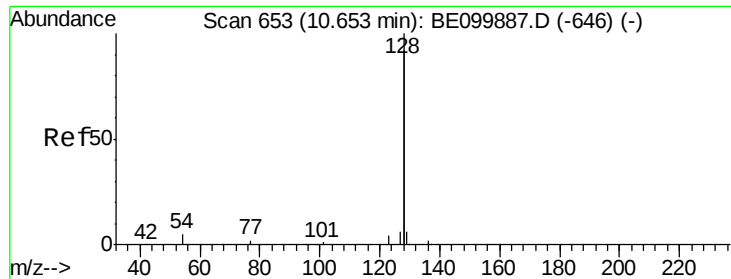


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

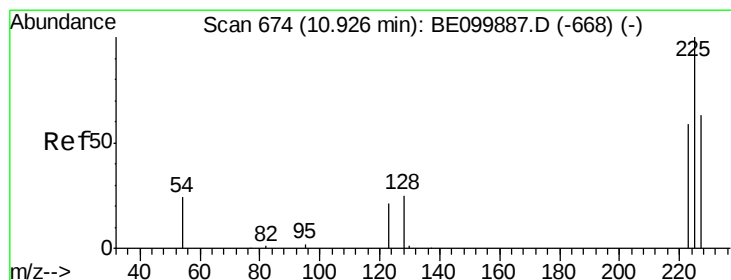
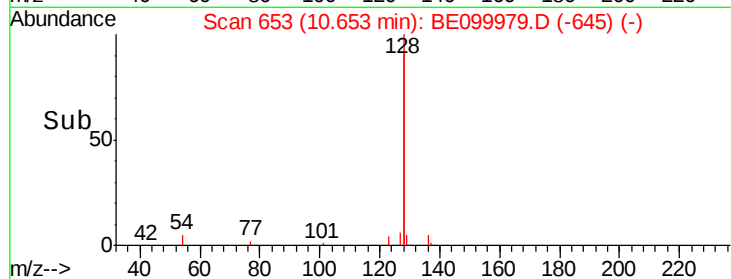
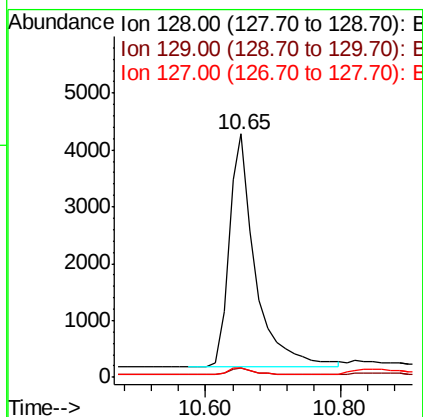
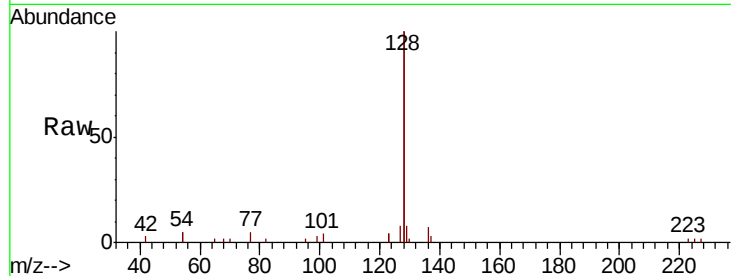




#9
Naphthalene
Concen: 0.422 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

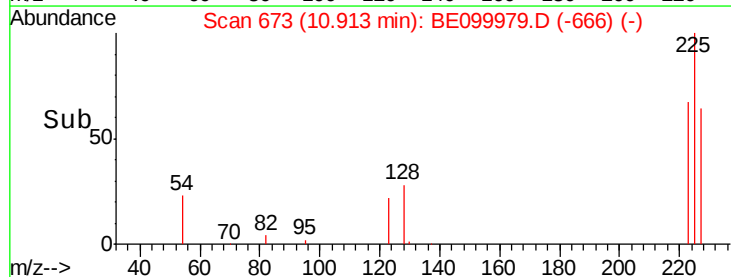
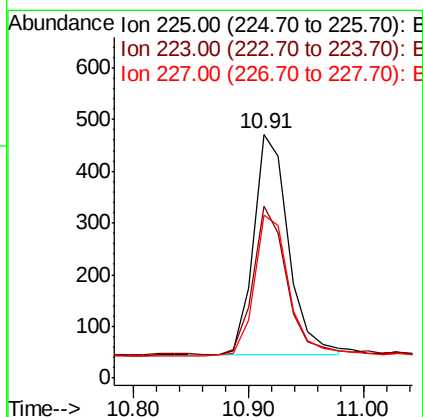
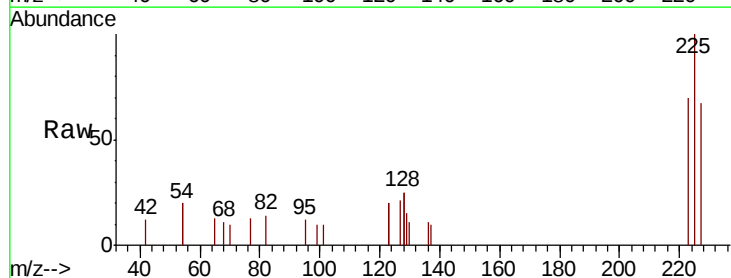
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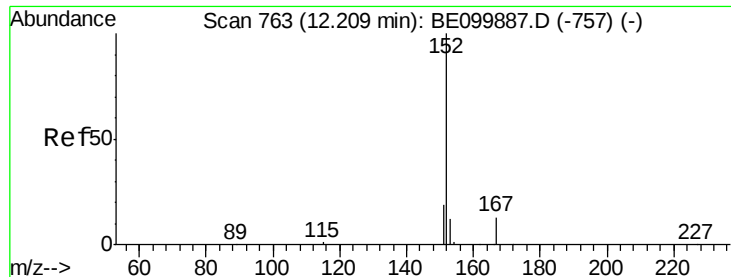
Tgt Ion:128 Resp: 11057
Ion Ratio Lower Upper
128 100
129 3.8 3.0 4.6
127 4.1 3.4 5.0



#10
Hexachlorobutadiene
Concen: 0.452 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:225 Resp: 905
Ion Ratio Lower Upper
225 100
223 64.2 51.6 77.4
227 63.1 50.6 76.0

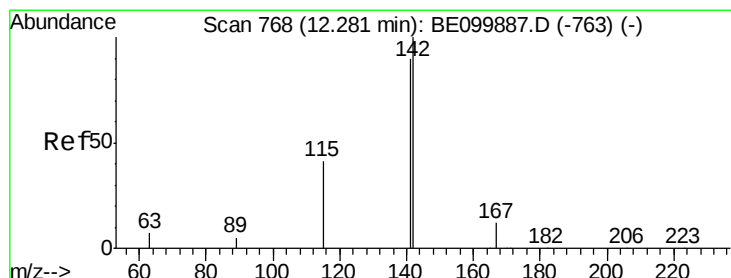
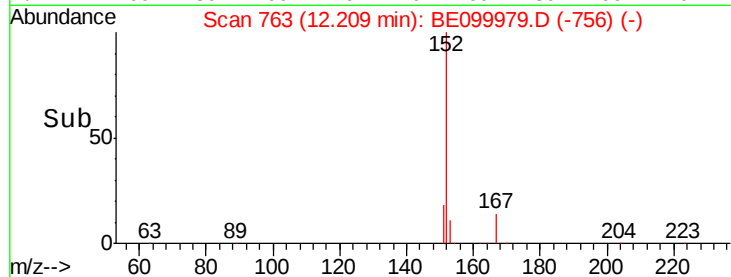
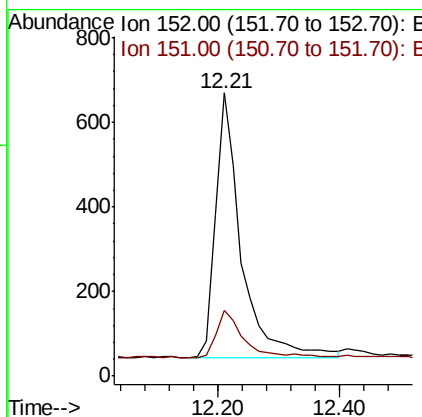
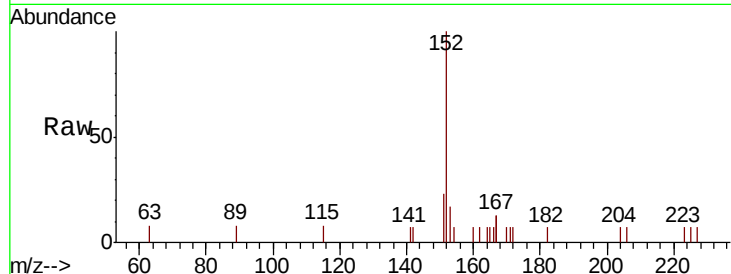




#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE099979.D
 Acq: 13 Jun 2019 8:45

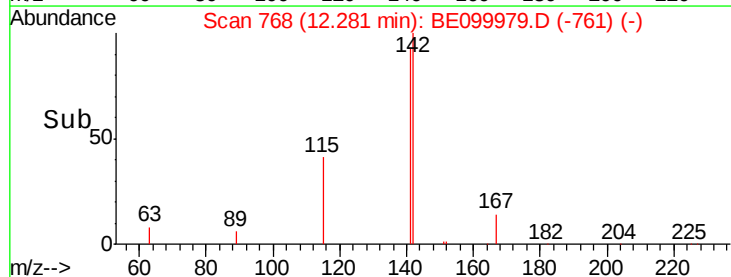
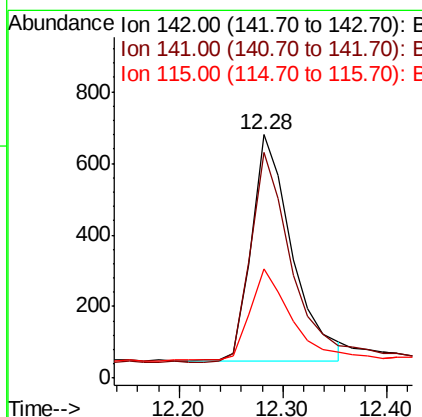
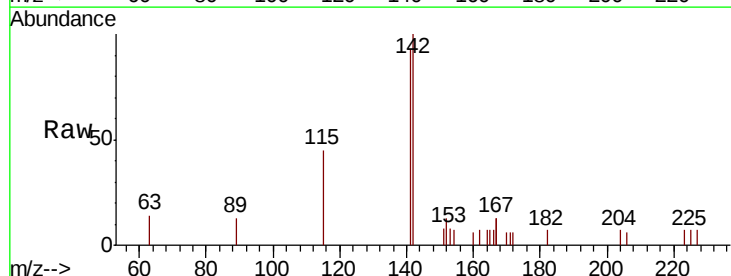
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

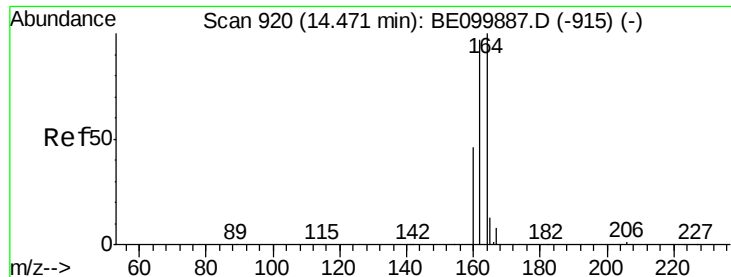
Tgt Ion:152 Resp: 1820
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.405 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099979.D
 Acq: 13 Jun 2019 8:45

Tgt Ion:142 Resp: 1724
 Ion Ratio Lower Upper
 142 100
 141 92.9 72.3 108.5
 115 44.9 36.4 54.6

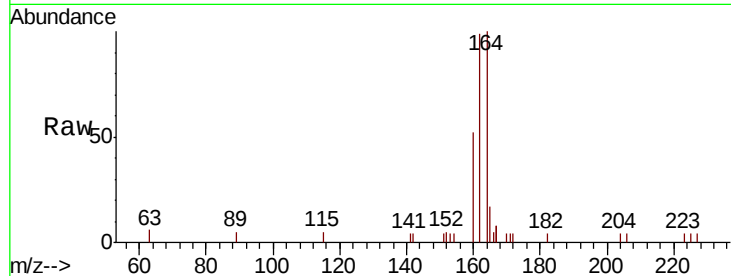




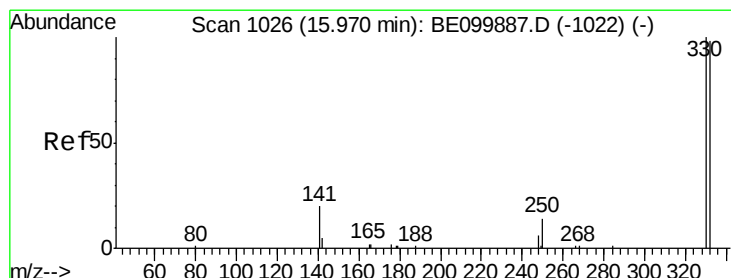
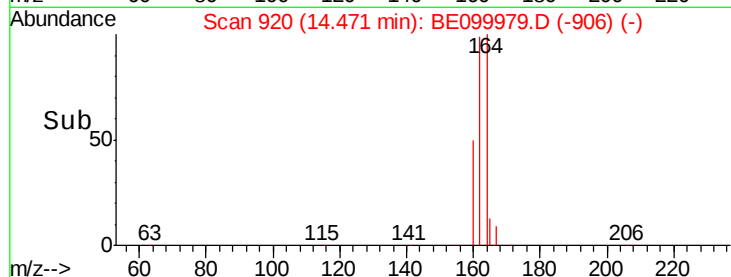
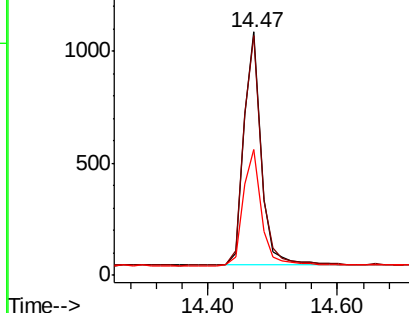
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099979.D
 Acq: 13 Jun 2019 8:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 1923
 Ion Ratio Lower Upper
 164 100
 162 98.7 77.8 116.8
 160 51.9 38.2 57.4

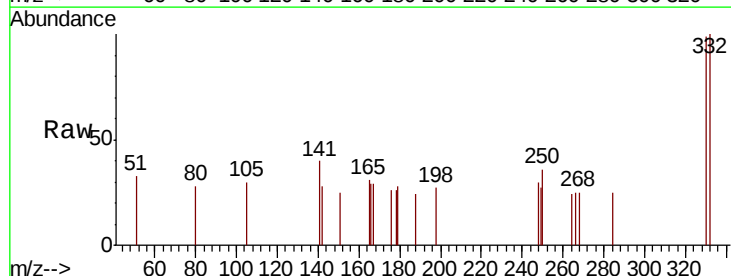


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

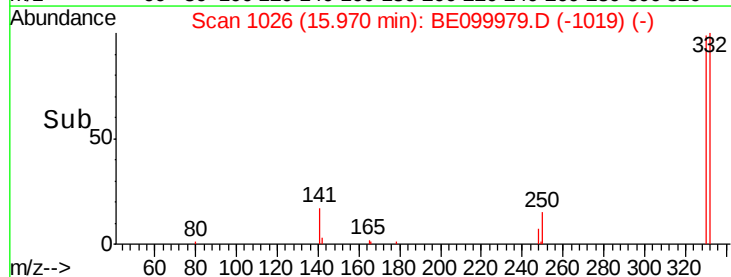
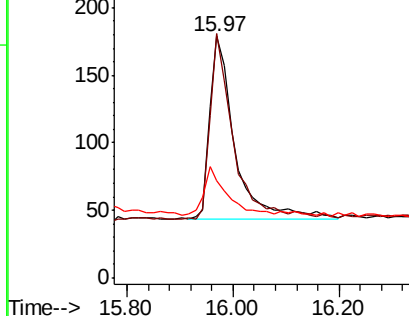


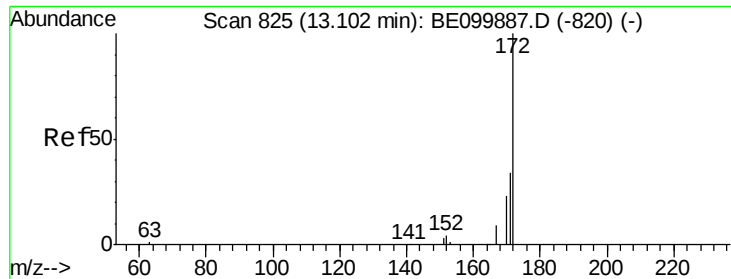
#14
 2,4,6-Tribromophenol
 Concen: 0.315 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099979.D
 Acq: 13 Jun 2019 8:45

Tgt Ion:330 Resp: 447
 Ion Ratio Lower Upper
 330 100
 332 90.8 76.7 115.1
 141 24.2 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

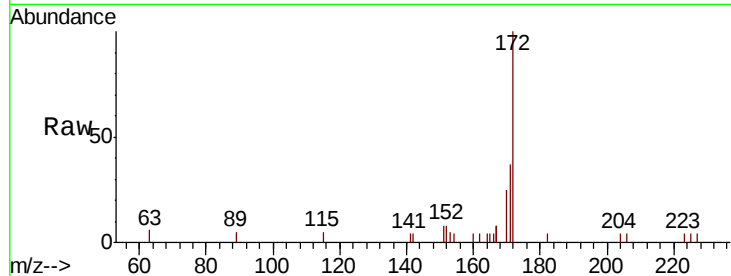




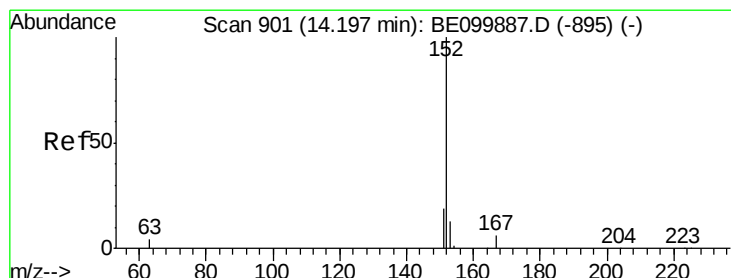
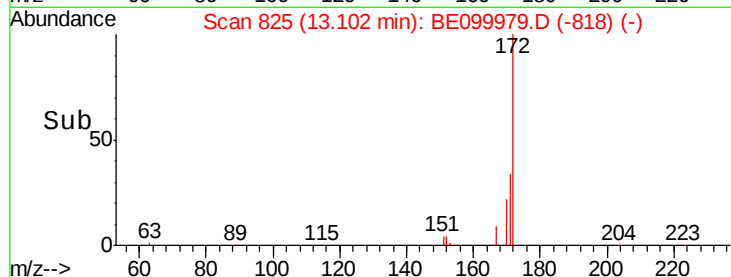
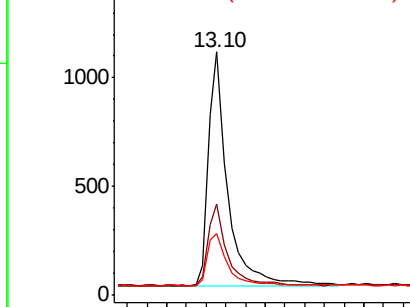
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2911
Ion Ratio Lower Upper
172 100
171 37.2 29.2 43.8
170 25.4 21.2 31.8

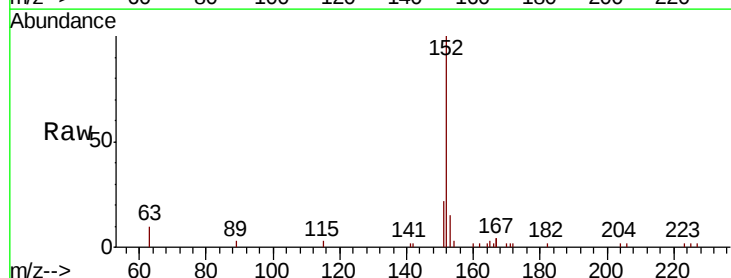


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

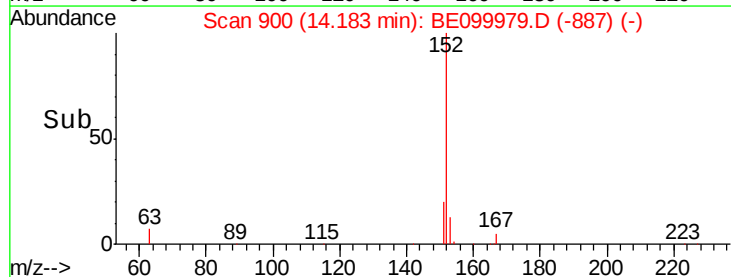
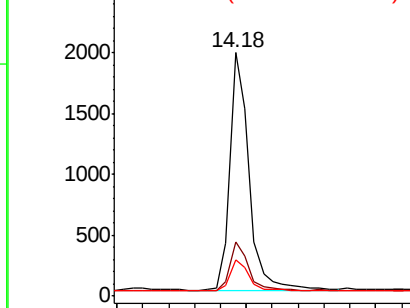


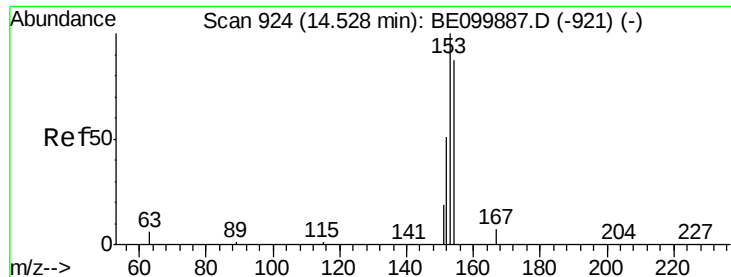
#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:152 Resp: 4002
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 12.8 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

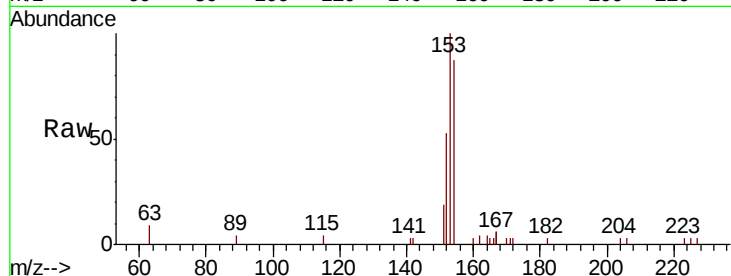




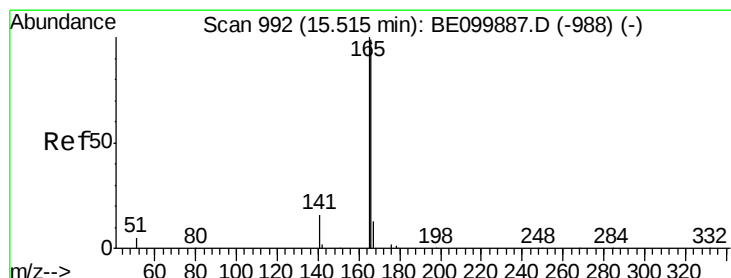
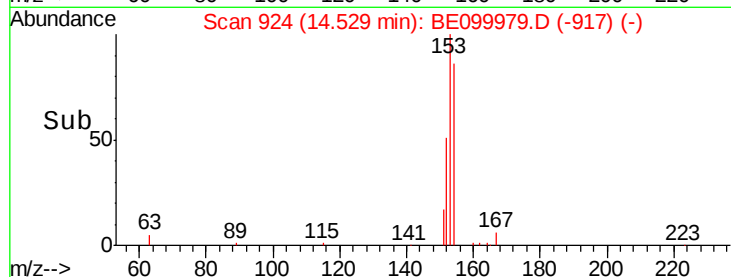
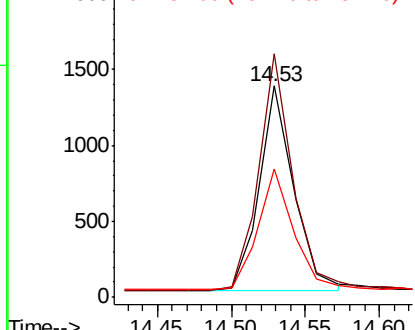
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2148
Ion Ratio Lower Upper
154 100
153 114.6 93.1 139.7
152 61.9 47.0 70.4

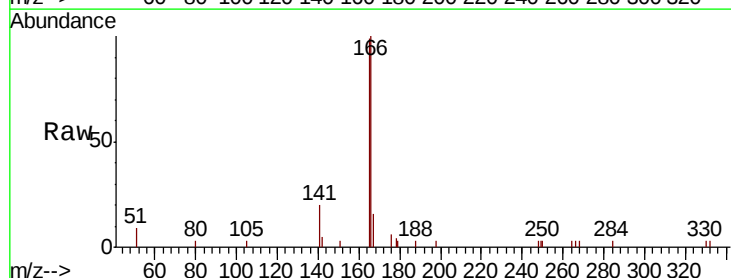


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

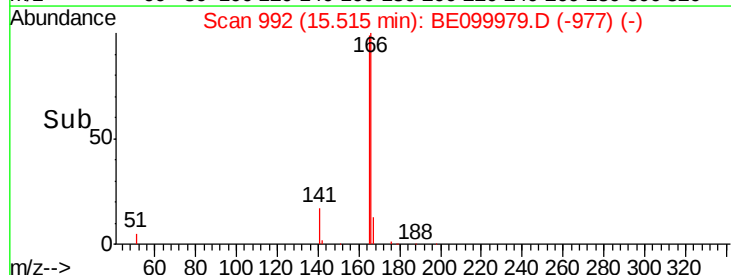
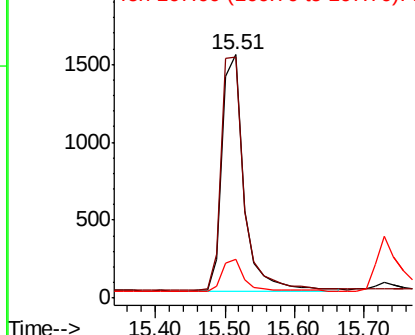


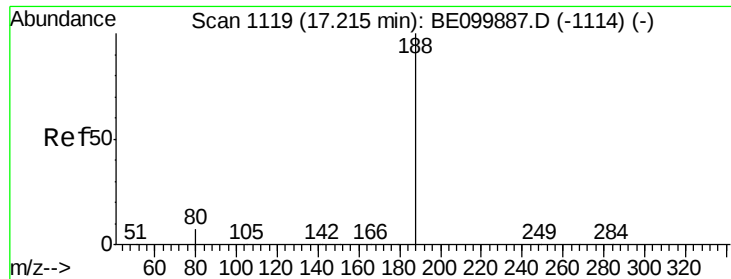
#18
Fluorene
Concen: 0.422 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:166 Resp: 3299
Ion Ratio Lower Upper
166 100
165 102.3 81.8 122.8
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

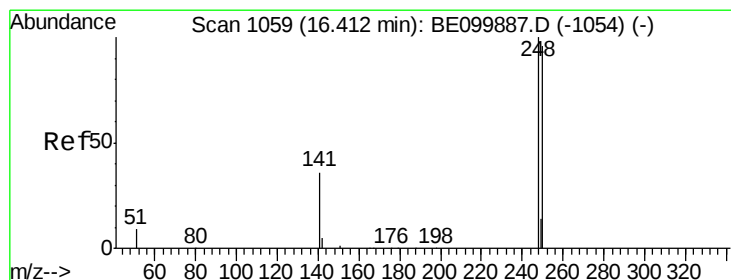
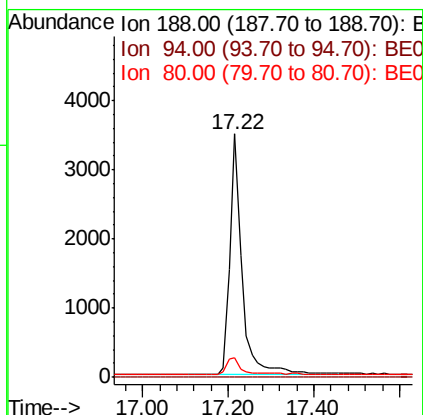
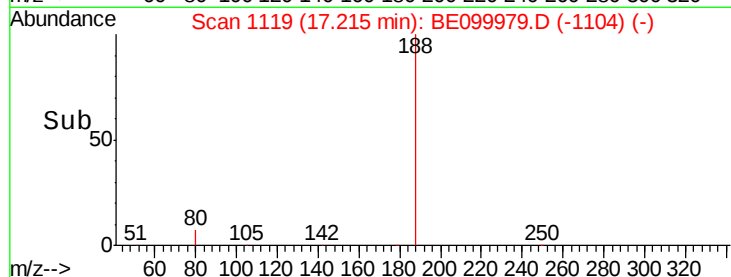
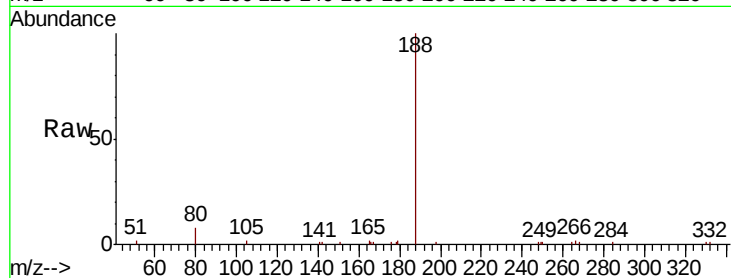
Tgt Ion:188 Resp: 6795

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 0.391 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

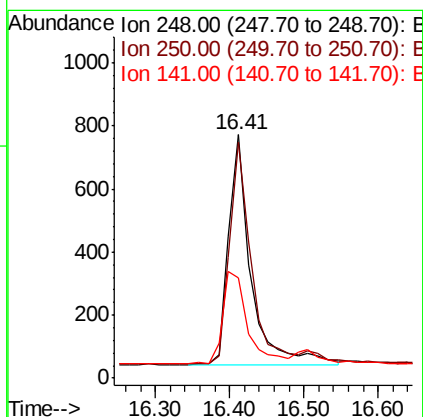
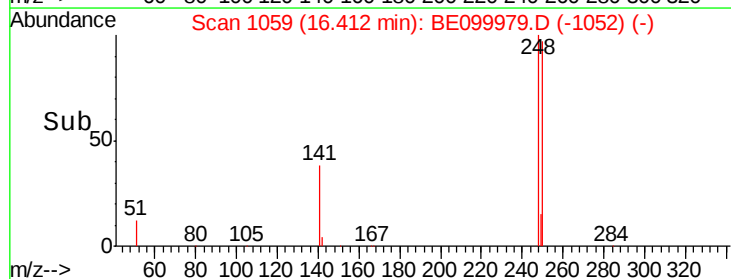
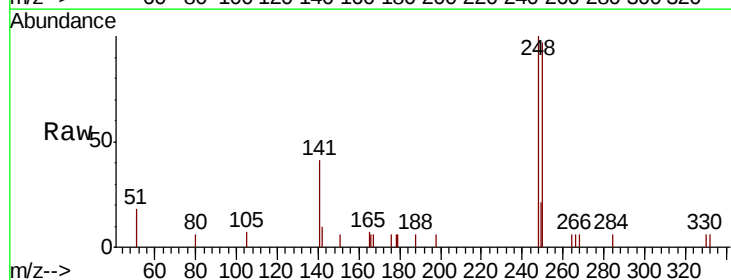
Tgt Ion:248 Resp: 1504

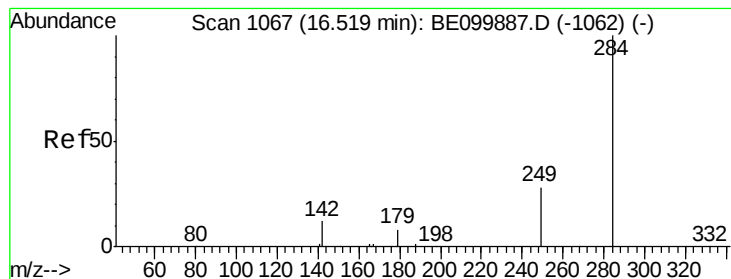
Ion Ratio Lower Upper

248 100

250 97.2 77.5 116.3

141 41.3 31.8 47.8





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

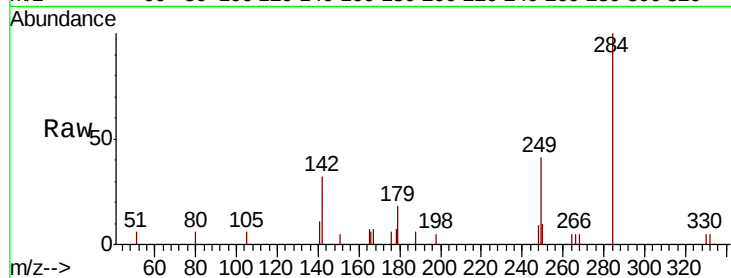
Instrument :

BNA_E

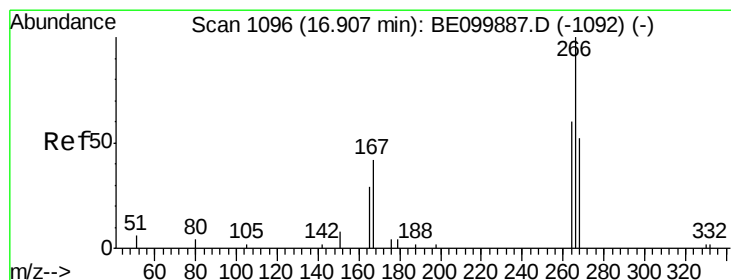
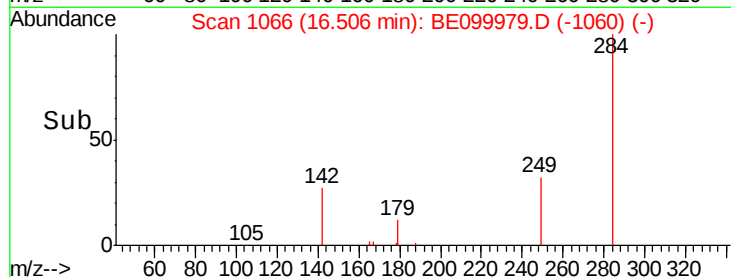
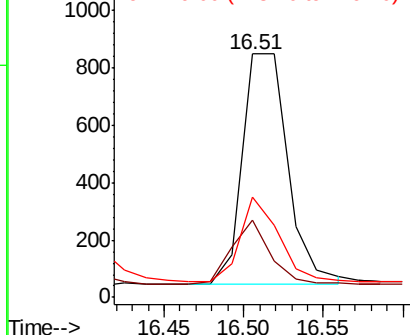
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	284	Resp:	1605
Ion	Ratio	Lower	Upper
284	100		
142	23.1	18.2	27.4
249	30.7	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: 0.452 ng

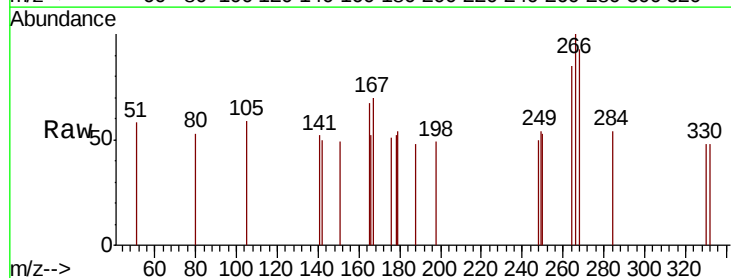
RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

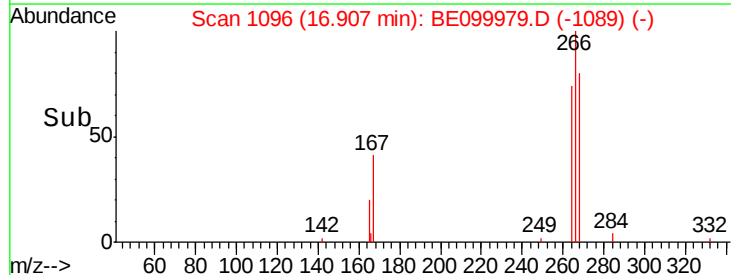
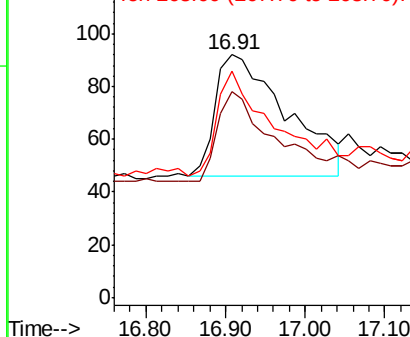
Lab File: BE099979.D

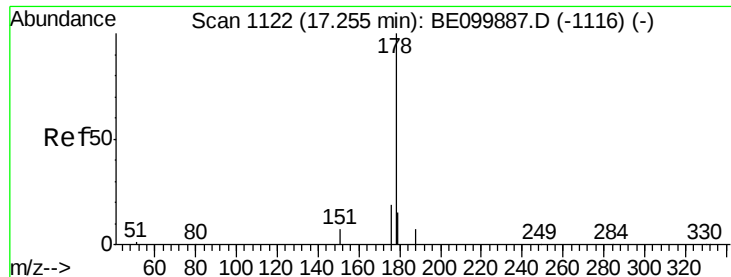
Acq: 13 Jun 2019 8:45

Tgt Ion:	266	Resp:	289
Ion	Ratio	Lower	Upper
266	100		
264	84.8	62.2	93.2
268	93.5	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

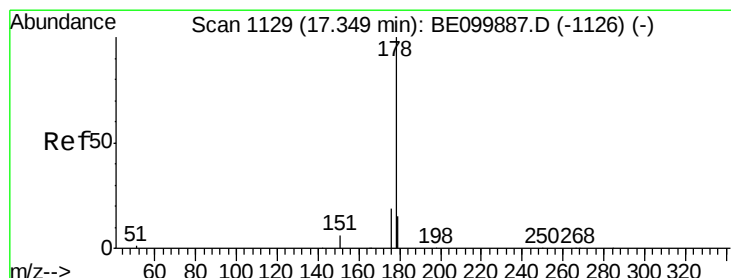
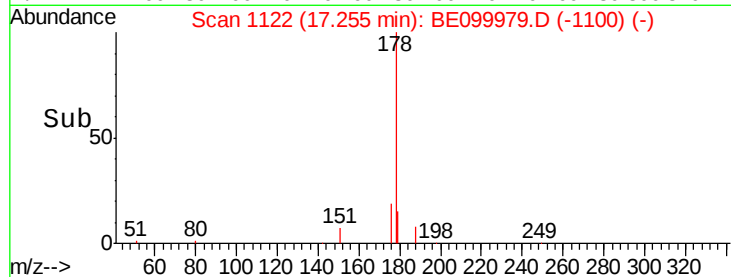
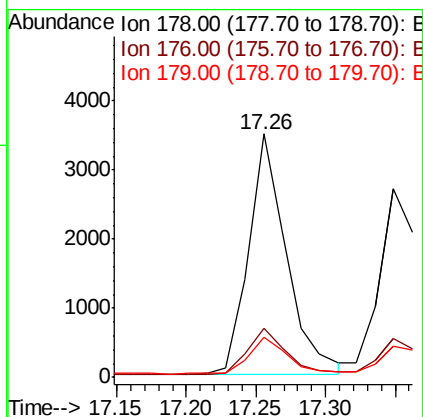
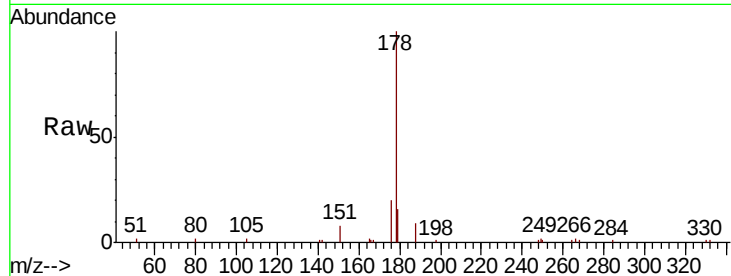




#23
Phenanthrene
Concen: 0.398 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

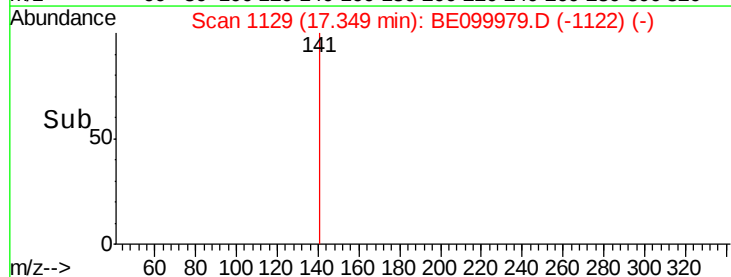
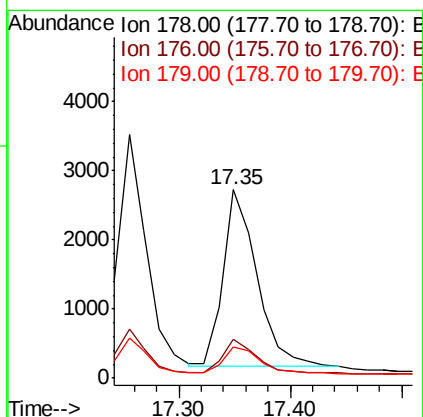
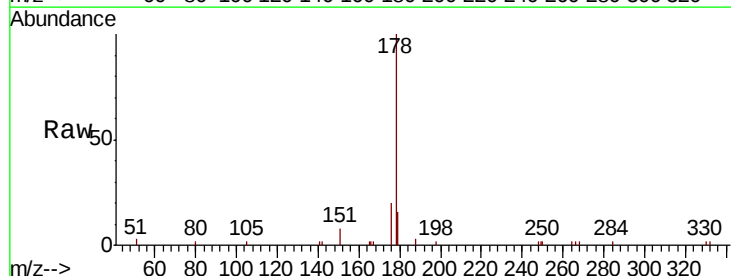
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

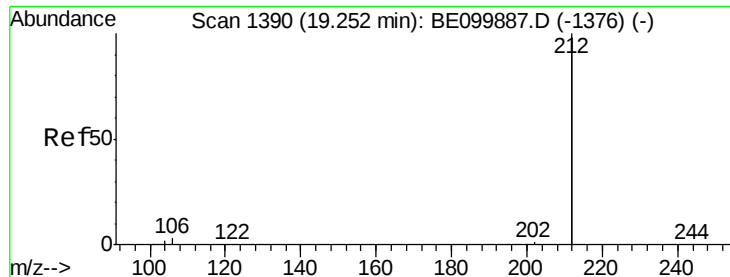
Tgt Ion:178 Resp: 6555
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.9 12.4 18.6



#24
Anthracene
Concen: 0.360 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099979.D
Acq: 13 Jun 2019 8:45

Tgt Ion:178 Resp: 5441
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.3 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

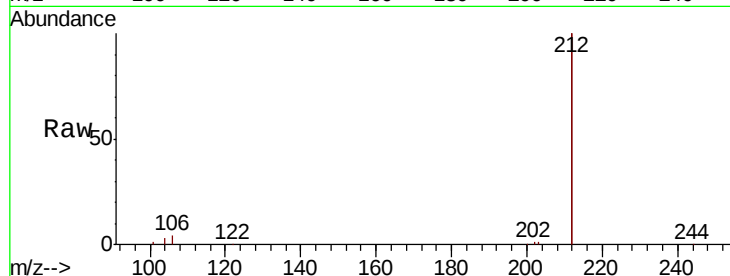
Tgt Ion:212 Resp: 37241

Ion Ratio Lower Upper

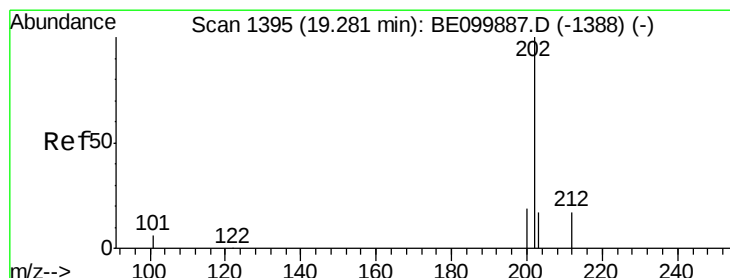
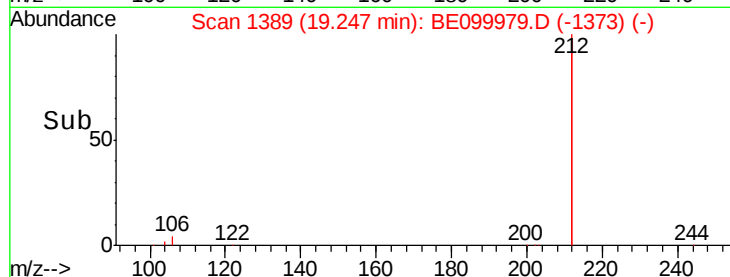
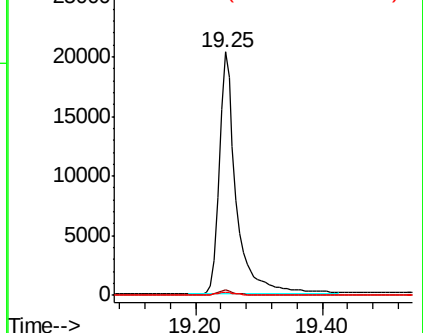
212 100

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: 0.388 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

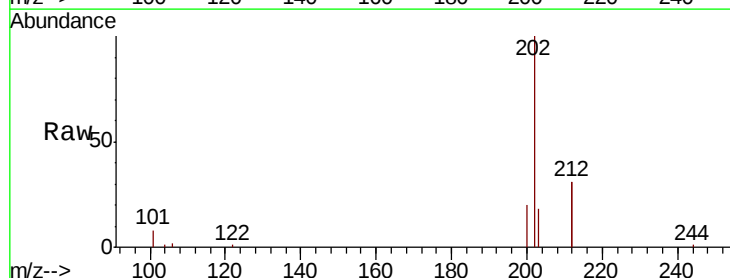
Tgt Ion:202 Resp: 10883

Ion Ratio Lower Upper

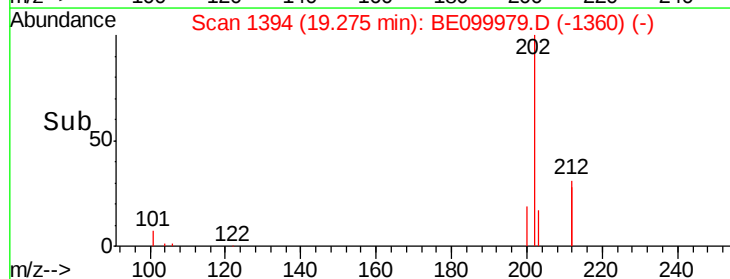
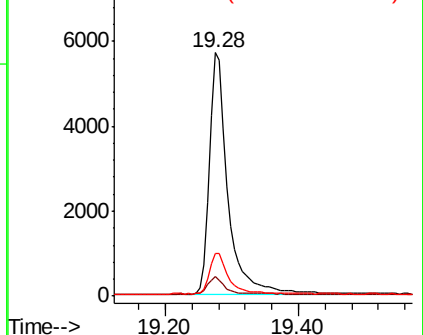
202 100

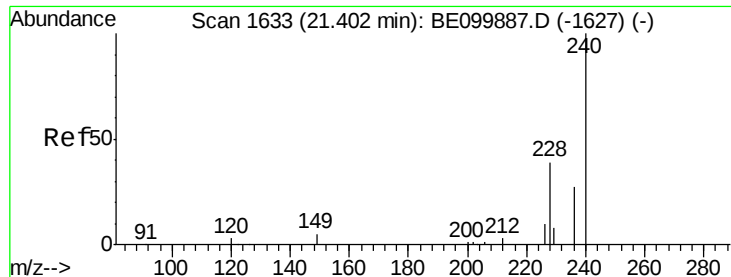
101 6.5 5.4 8.0

203 17.1 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: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

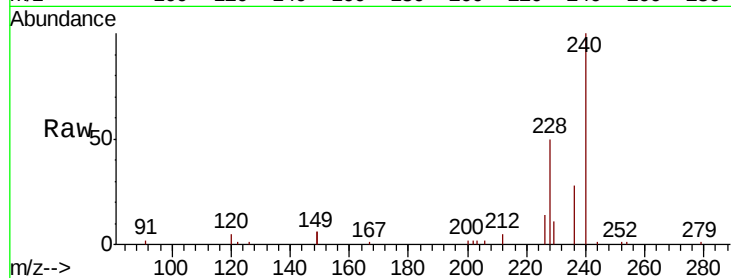
Tgt Ion:240 Resp: 8759

Ion Ratio Lower Upper

240 100

120 4.9 3.8 5.6

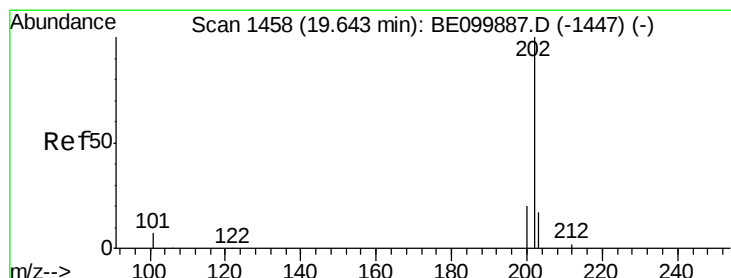
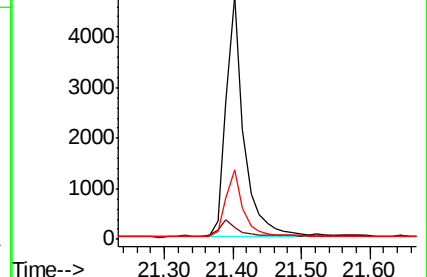
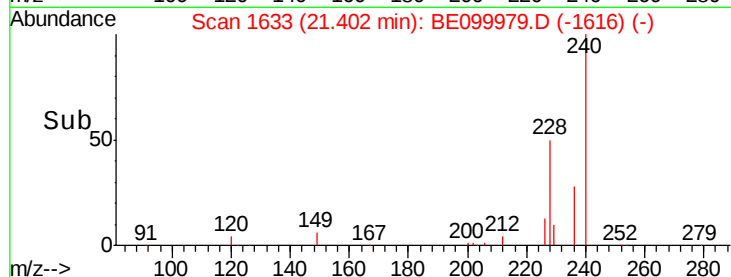
236 28.4 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.481 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

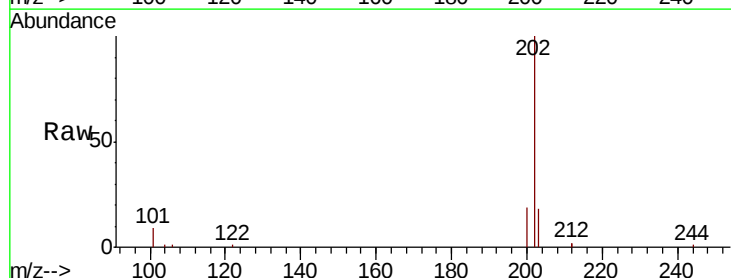
Tgt Ion:202 Resp: 11068

Ion Ratio Lower Upper

202 100

200 19.1 15.5 23.3

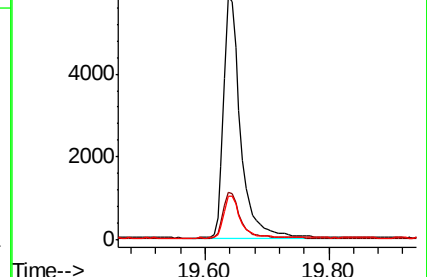
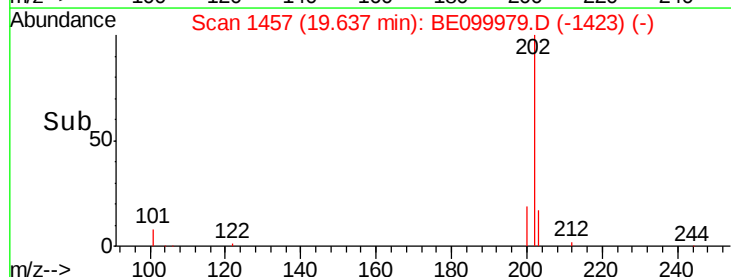
203 17.4 14.0 21.0

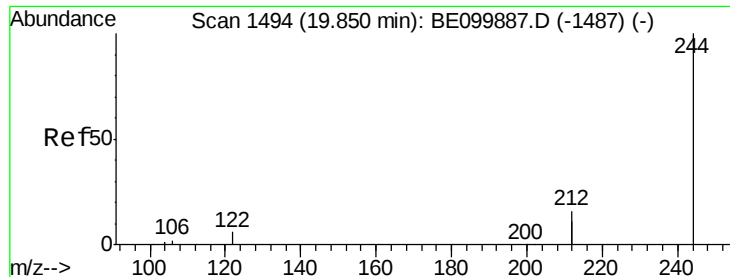


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.446 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

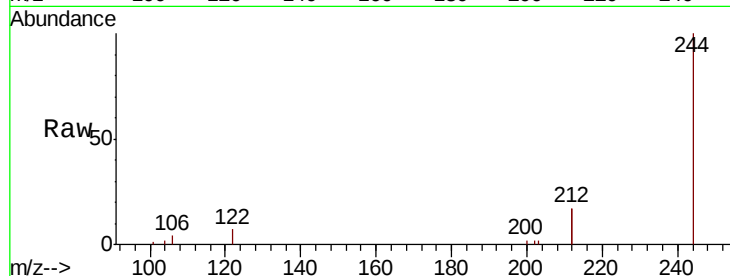
Tgt Ion:244 Resp: 7038

Ion Ratio Lower Upper

244 100

212 33.5 25.7 38.5

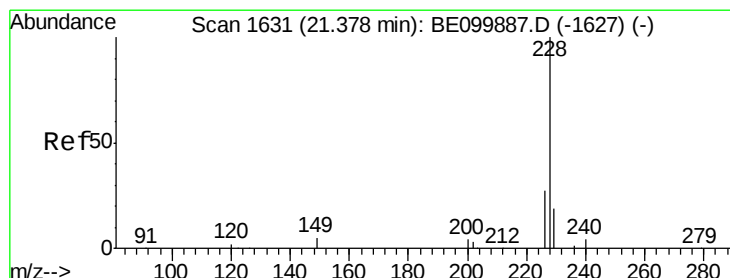
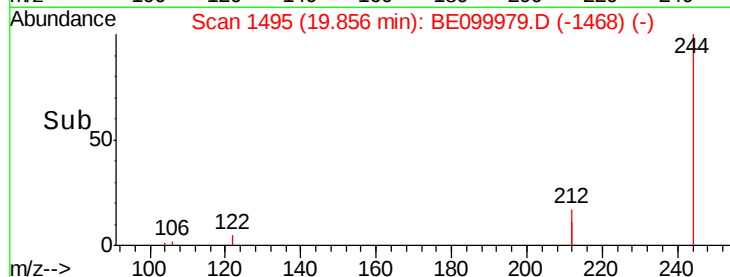
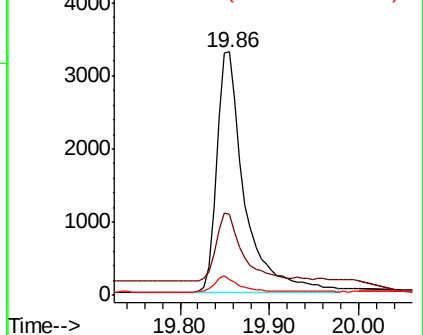
122 6.6 5.5 8.3



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: BE099979.D

Acq: 13 Jun 2019 8:45

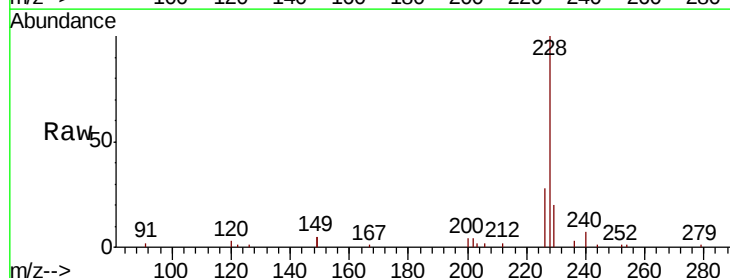
Tgt Ion:228 Resp: 11386

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

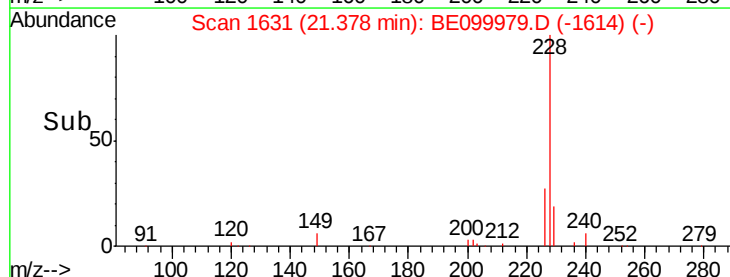
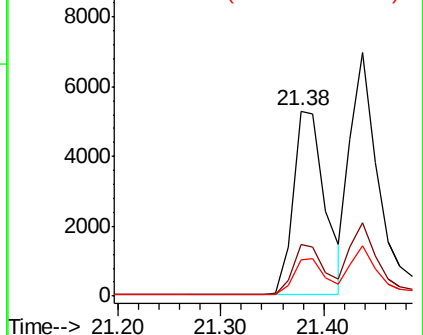
229 19.5 15.9 23.9

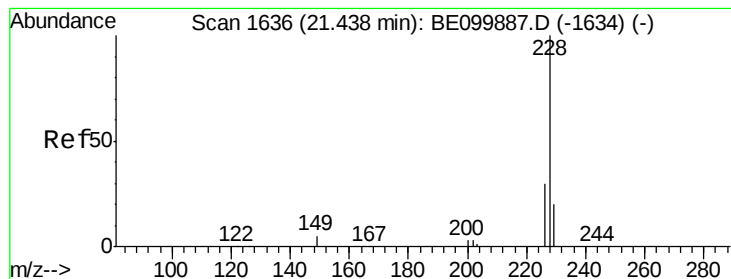


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.466 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

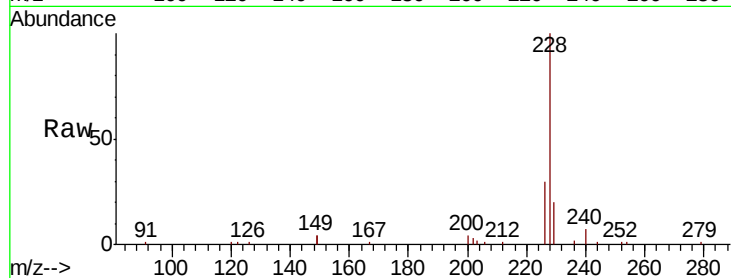
Tgt Ion:228 Resp: 12605

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

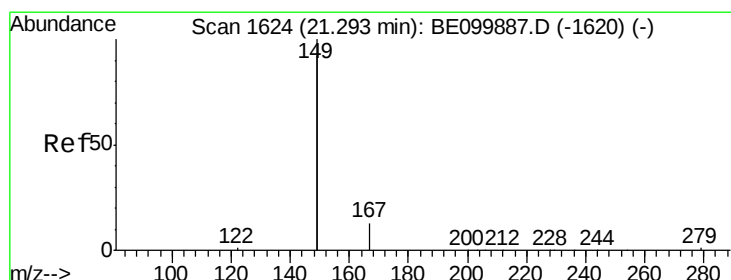
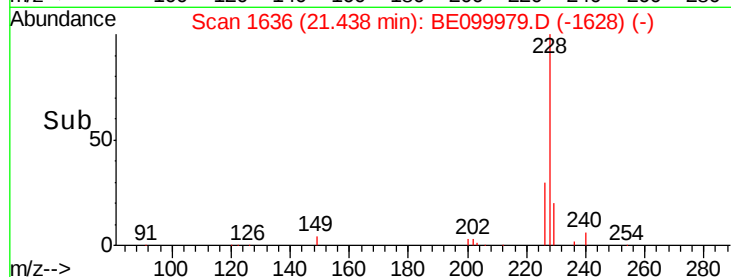
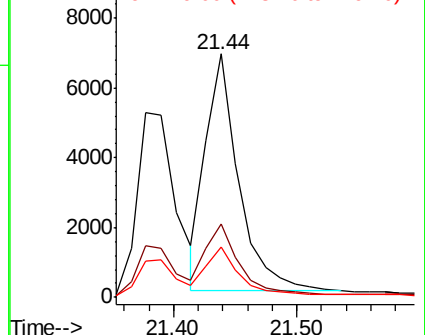
229 20.5 16.1 24.1



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: 0.330 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

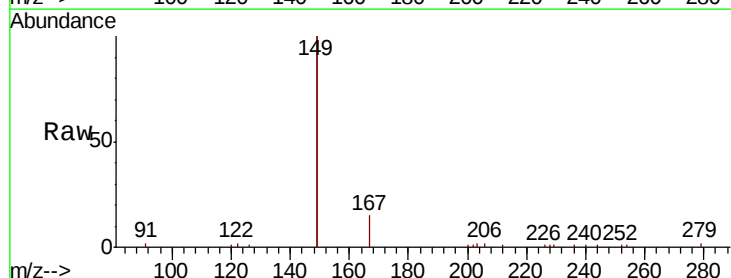
Tgt Ion:149 Resp: 12406

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

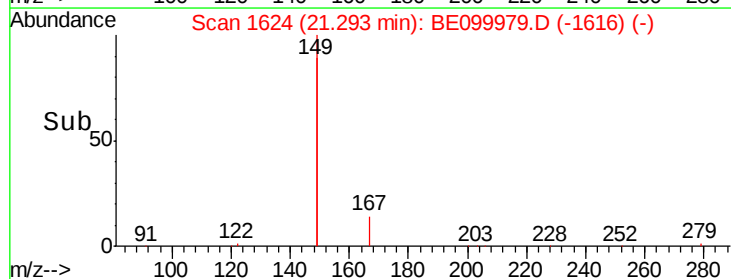
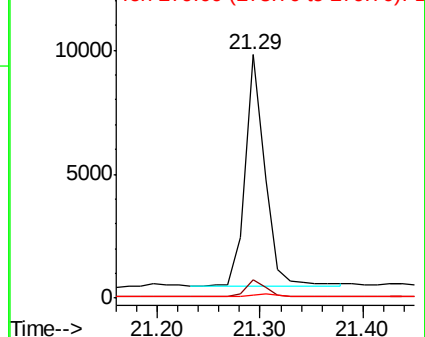
279 1.6 1.2 1.8

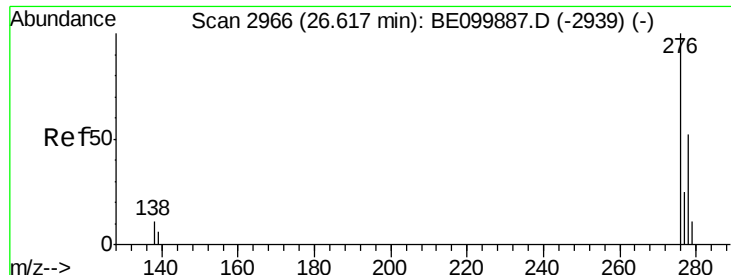


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.446 ng

RT: 26.61 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

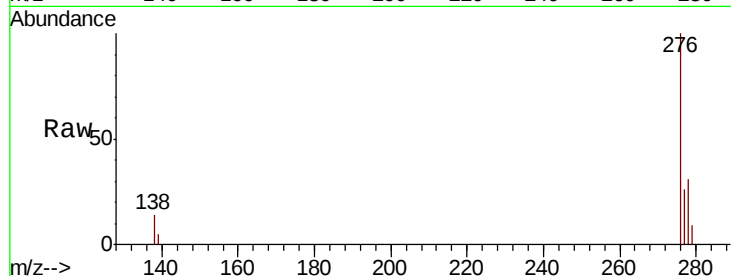
Tgt Ion:276 Resp: 14321

Ion Ratio Lower Upper

276 100

138 13.2 10.1 15.1

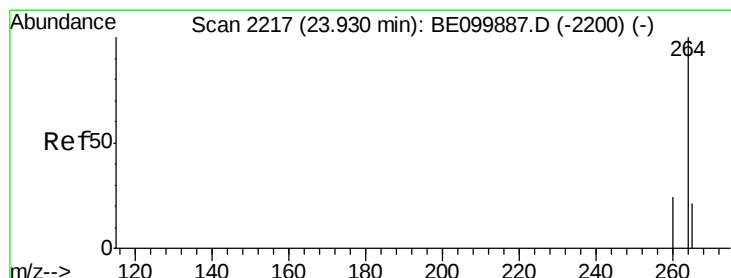
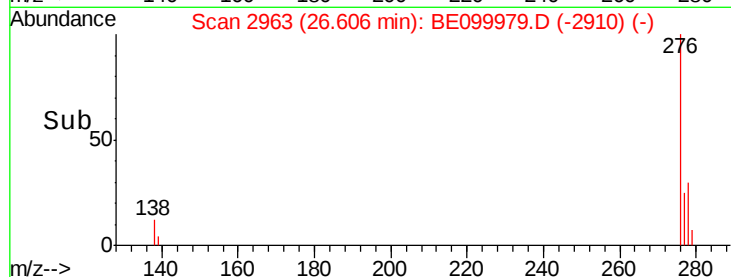
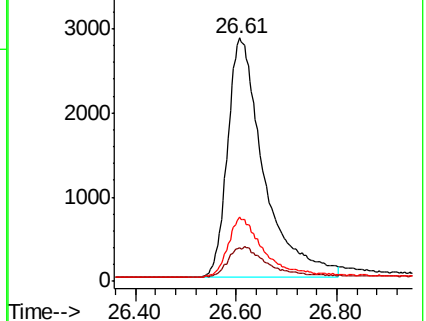
277 24.1 19.1 28.7



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: BE099979.D

Acq: 13 Jun 2019 8:45

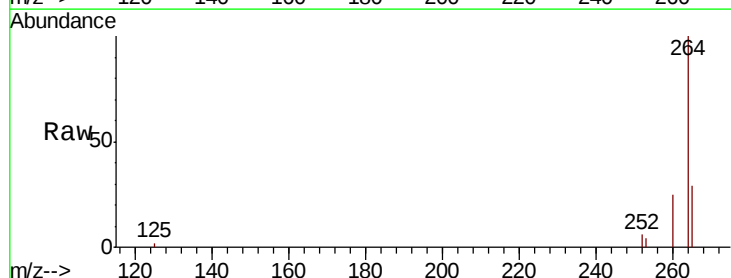
Tgt Ion:264 Resp: 10120

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

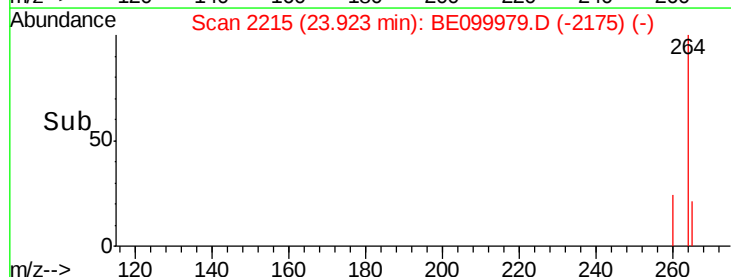
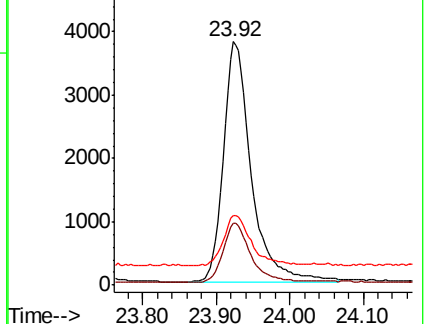
265 28.6 22.0 33.0

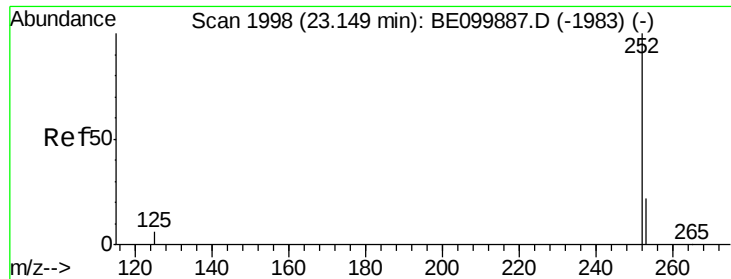


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.402 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

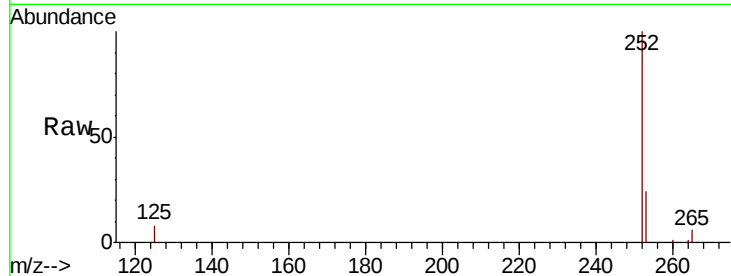
Tgt Ion:252 Resp: 11414

Ion Ratio Lower Upper

252 100

253 24.0 18.7 28.1

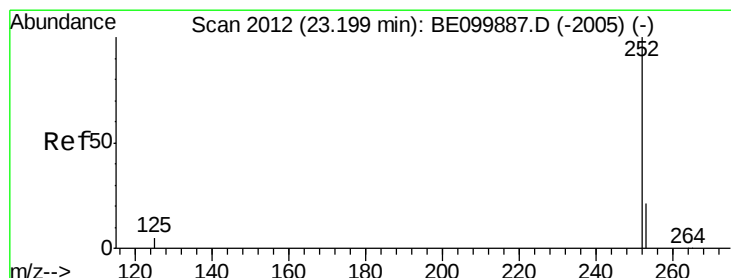
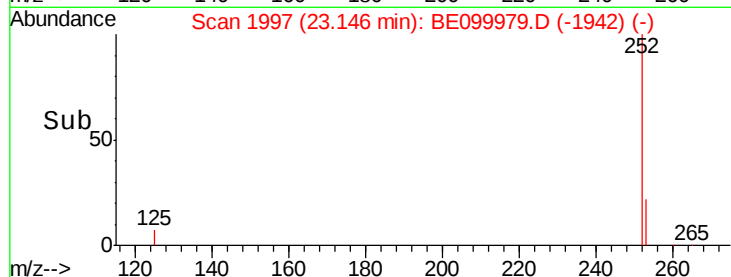
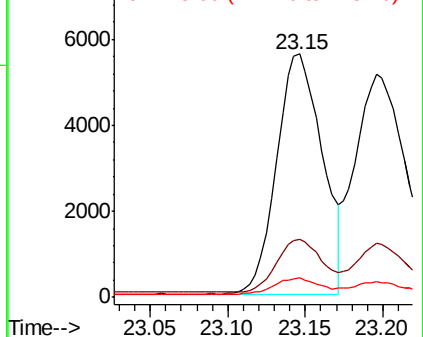
125 7.9 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.407 ng

RT: 23.20 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

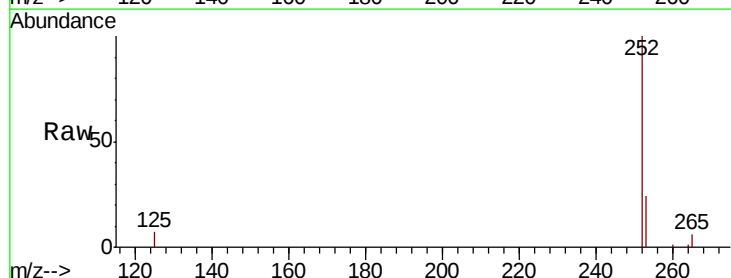
Tgt Ion:252 Resp: 12072

Ion Ratio Lower Upper

252 100

253 24.4 18.6 28.0

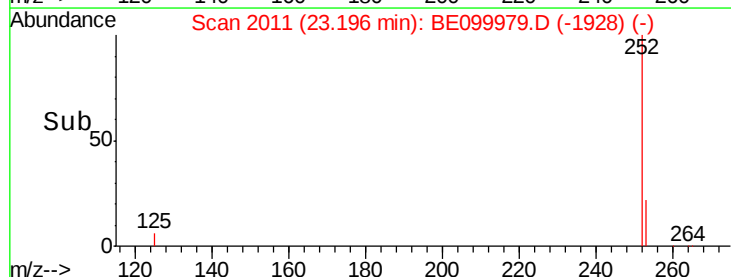
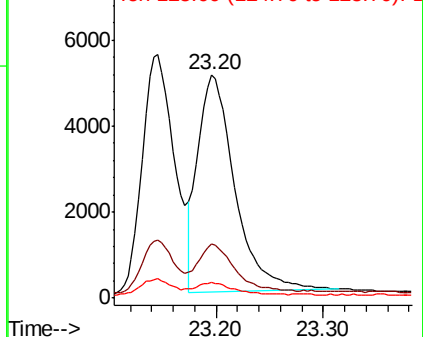
125 7.0 5.4 8.0

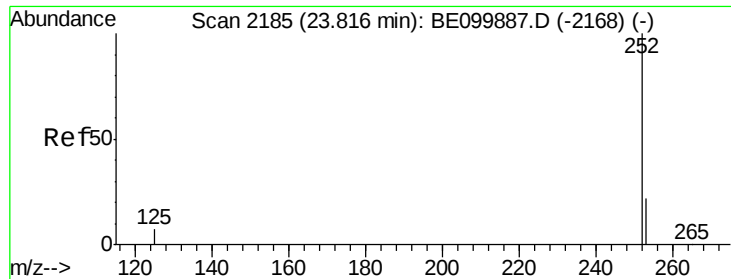


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.82 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

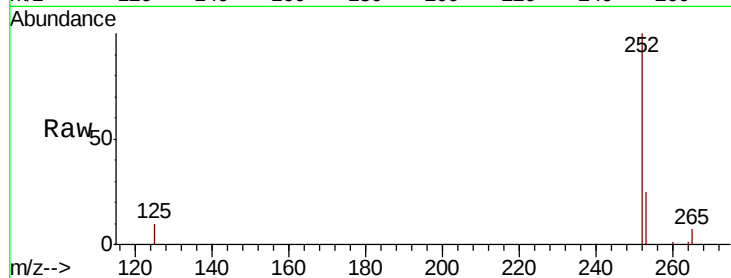
Tgt Ion:252 Resp: 11436

Ion Ratio Lower Upper

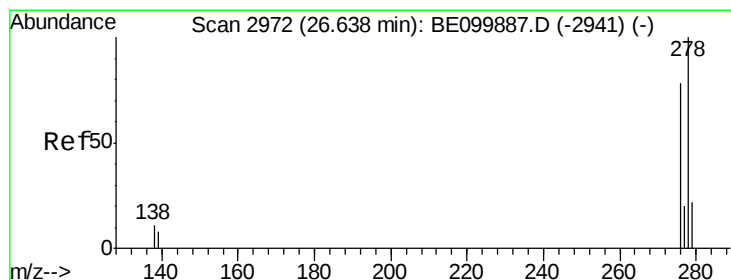
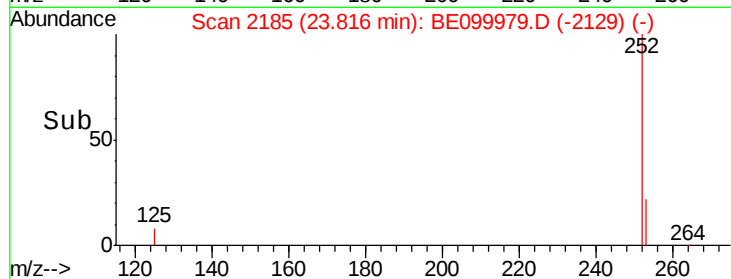
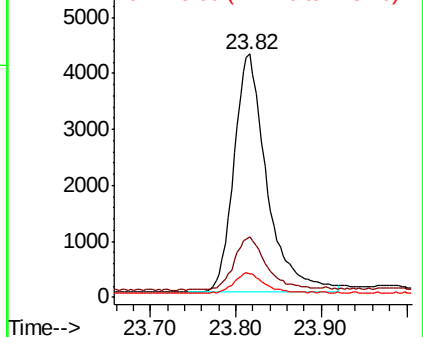
252 100

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: 0.389 ng

RT: 26.64 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BE099979.D

Acq: 13 Jun 2019 8:45

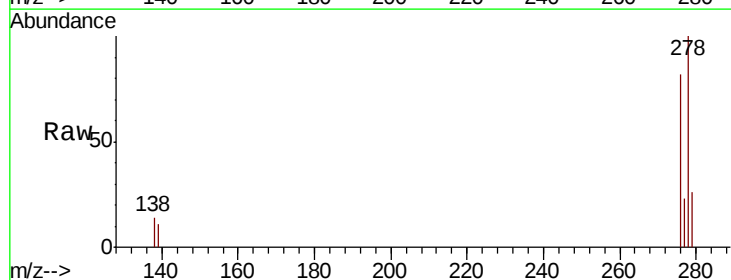
Tgt Ion:278 Resp: 10940

Ion Ratio Lower Upper

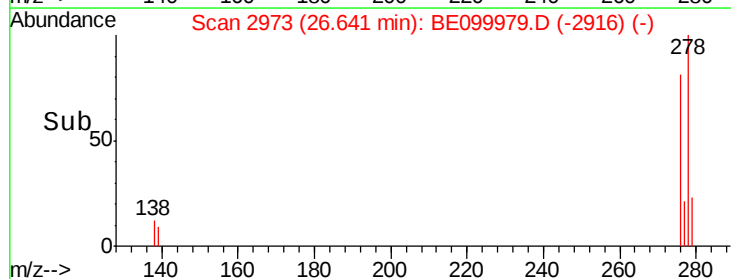
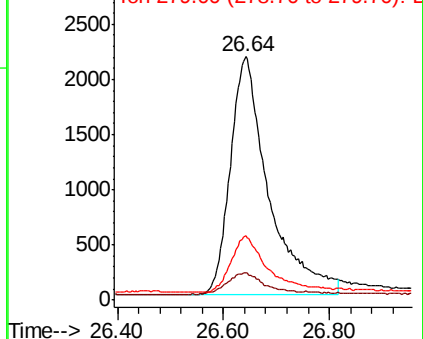
278 100

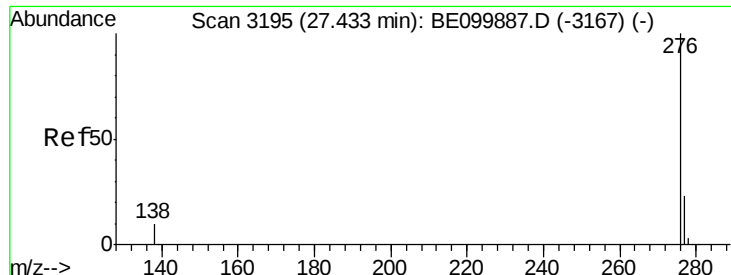
139 11.0 7.8 11.8

279 26.3 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: 0.425 ng

RT: 27.43 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BE099979.D

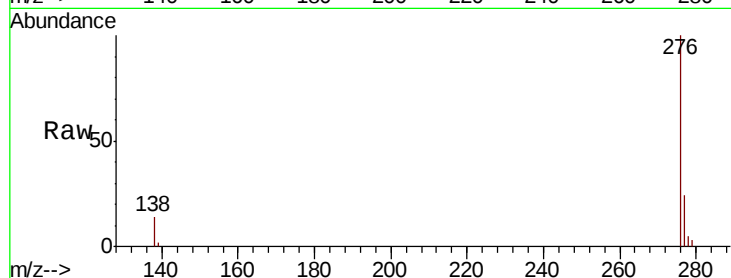
Acq: 13 Jun 2019 8:45

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 12359

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 13.7 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

