

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099848.D
 Acq On : 7 Jun 2019 12:17
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 07 14:39:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 14:29:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	610	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2128	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1728	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6008	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9573	0.40	ng	0.00
34) Perylene-d12	23.94	264	11619	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	778	0.52	ng	0.00
5) Phenol-d6	6.96	99	1012	0.53	ng	0.00
8) Nitrobenzene-d5	8.96	82	824	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1533	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	726	0.72	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2389	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	37893	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	7944	0.51	ng	0.00

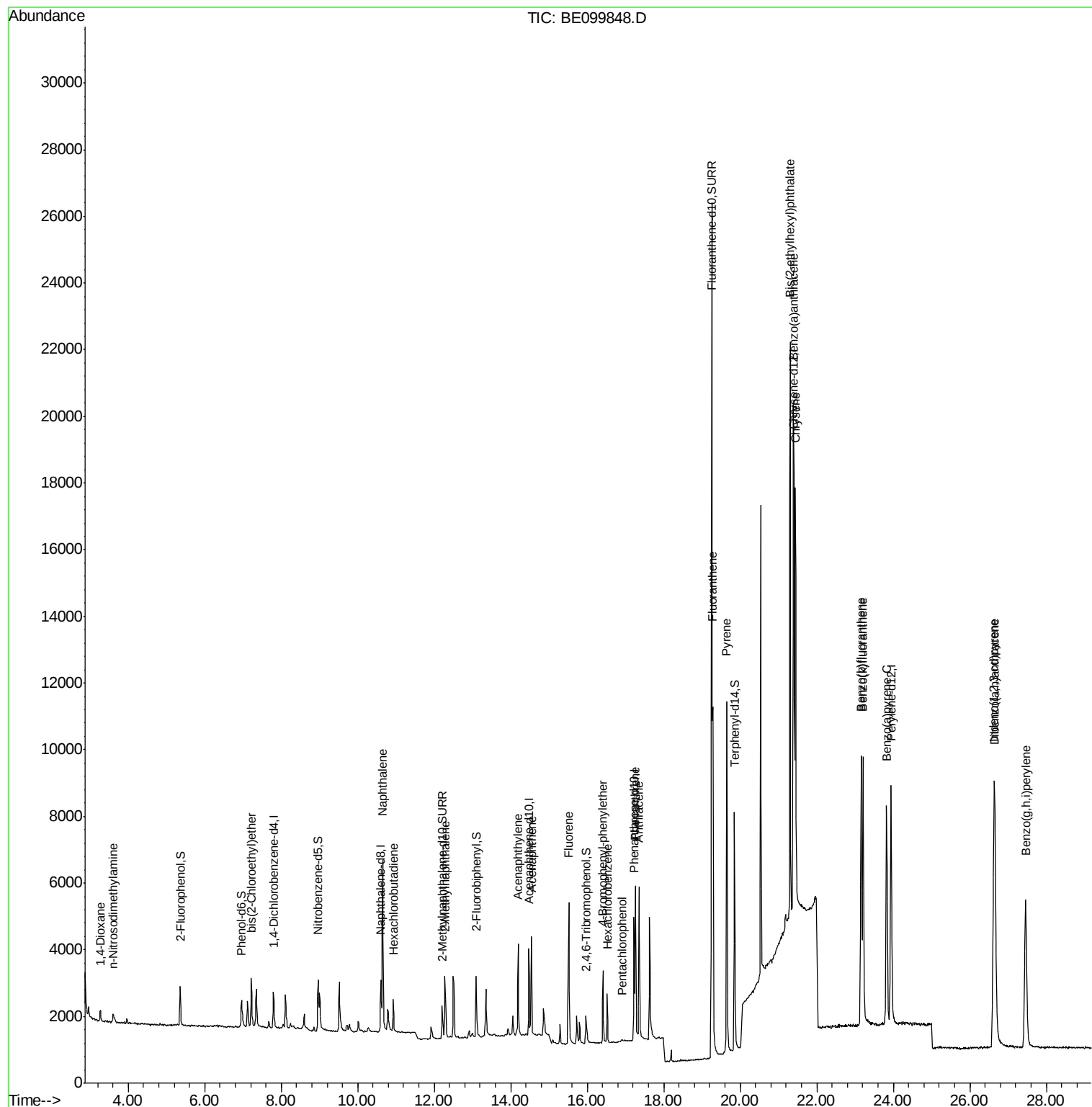
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	305	0.345	ng	100
3) n-Nitrosodimethylamine	3.60	42	218	0.465	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	682	0.408	ng	100
9) Naphthalene	10.65	128	9130	0.402	ng	100
10) Hexachlorobutadiene	10.93	225	677	0.391	ng	100
12) 2-Methylnaphthalene	12.28	142	1565	0.432	ng	100
16) Acenaphthylene	14.20	152	3339	0.400	ng	100
17) Acenaphthene	14.54	154	1823	0.399	ng	100
18) Fluorene	15.51	166	2882	0.429	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	1307	0.390	ng	100
21) Hexachlorobenzene	16.52	284	1321	0.359	ng	100
22) Pentachlorophenol	16.91	266	80	0.118	ng	100
23) Phenanthrene	17.26	178	5969	0.416	ng	100
24) Anthracene	17.35	178	5643	0.435	ng	100
26) Fluoranthene	19.28	202	10749	0.428	ng	100
28) Pyrene	19.65	202	11519	0.498	ng	100
30) Benzo(a)anthracene	21.39	228	13114	0.496	ng	100
31) Chrysene	21.44	228	13113	0.449	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	21252	0.700	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	15594	0.445	ng	100
35) Benzo(b)fluoranthene	23.16	252	12619	0.392	ng	100
36) Benzo(k)fluoranthene	23.21	252	13044	0.382	ng	100
37) Benzo(a)pyrene	23.82	252	12393	0.397	ng	100
38) Dibenzo(a,h)anthracene	26.66	278	12668	0.399	ng	100
39) Benzo(g,h,i)perylene	27.45	276	12892	0.387	ng	100

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

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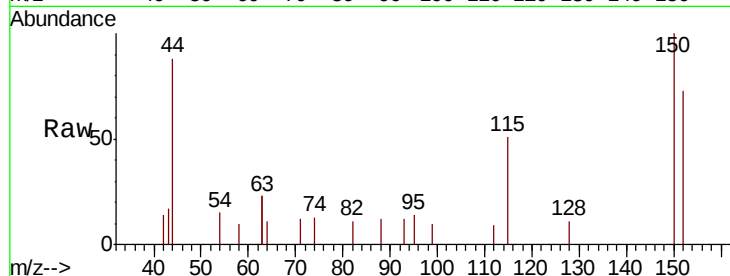


#1

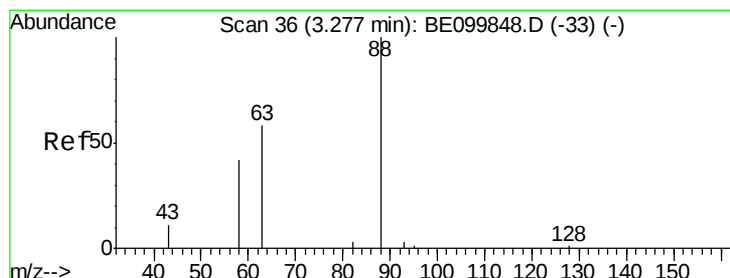
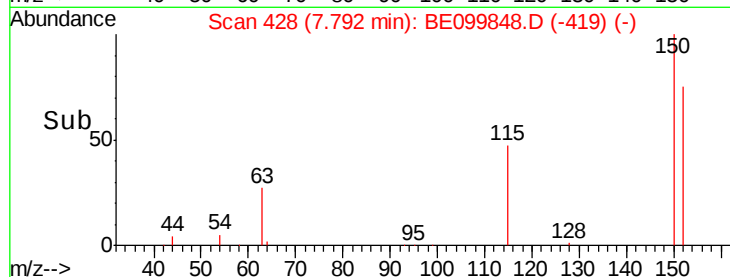
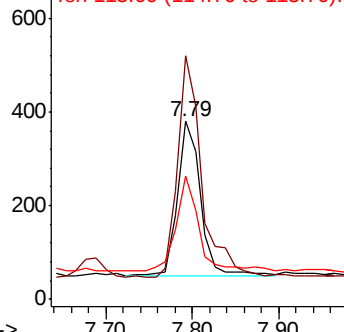
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 610
Ion Ratio Lower Upper
152 100
150 136.8 109.4 164.2
115 69.2 55.4 83.0



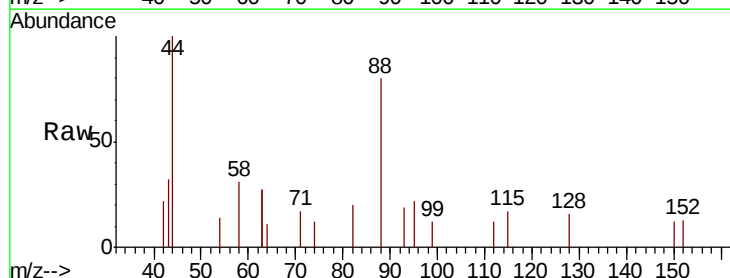
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



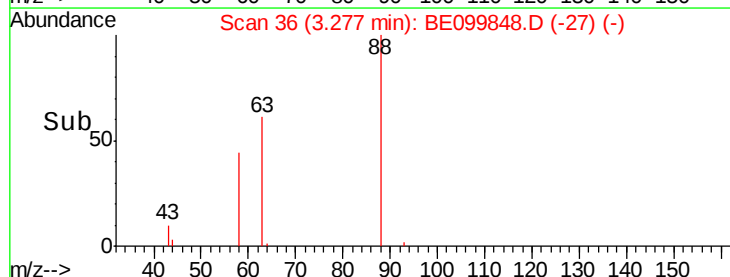
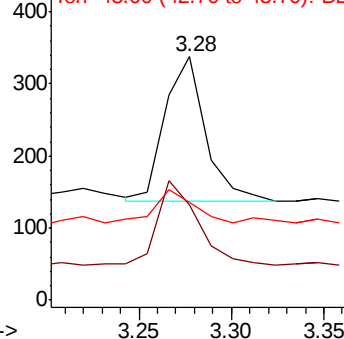
#2

1,4-Dioxane
Concen: 0.345 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Tgt Ion: 88 Resp: 305
Ion Ratio Lower Upper
88 100
58 60.3 48.2 72.4
43 24.9 19.7 29.5



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



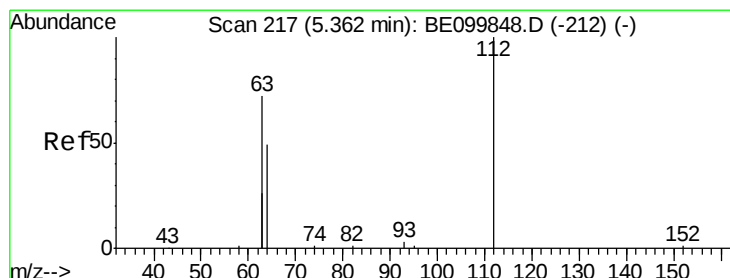
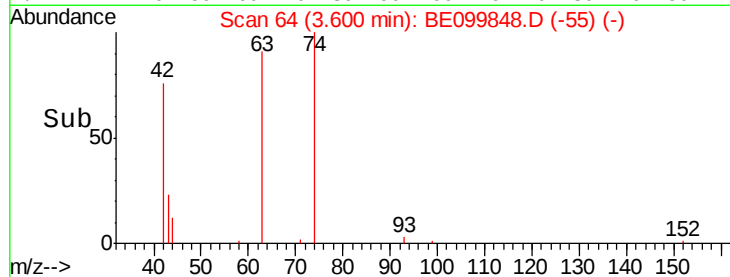
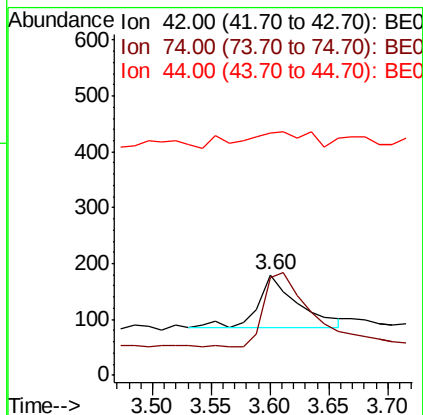
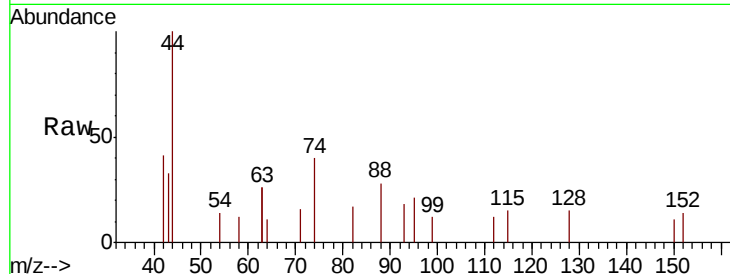


#3

n-Nitrosodimethylamine
 Concen: 0.465 ng
 RT: 3.60 min Scan# 64
 Delta R.T. 0.00 min
 Lab File: BE099848.D
 Acq: 7 Jun 2019 12:17

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

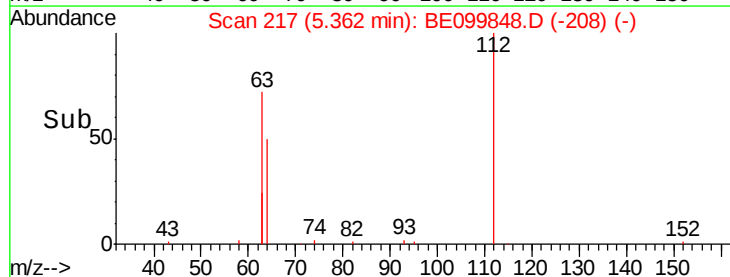
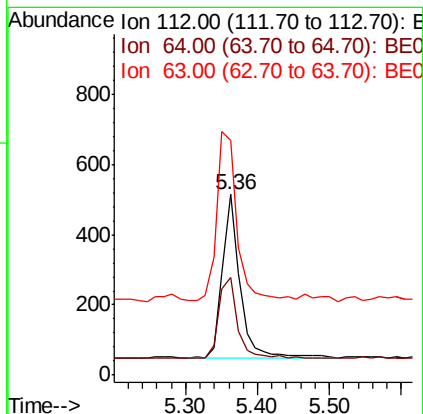
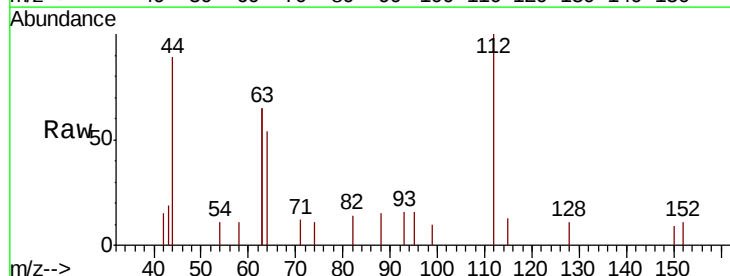
Tot Ion: 42 Resp: 218
 Ion Ratio Lower Upper
 42 100
 74 160.1 128.1 192.1
 44 0.0 0.0 0.0

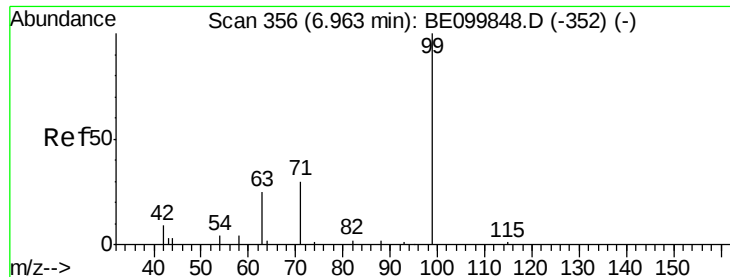


#4

2-Fluorophenol
 Concen: 0.524 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.00 min
 Lab File: BE099848.D
 Acq: 7 Jun 2019 12:17

Tgt Ion: 112 Resp: 778
 Ion Ratio Lower Upper
 112 100
 64 55.1 44.1 66.1
 63 116.7 93.4 140.0





#5

Phenol-d6

Concen: 0.530 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

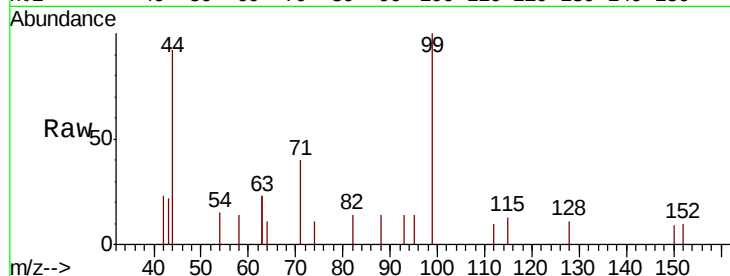
Tot Ion: 99 Resp: 1012

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

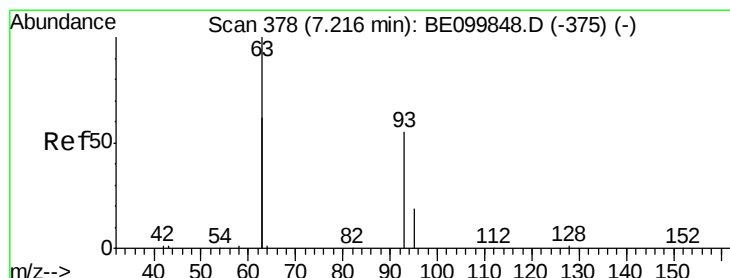
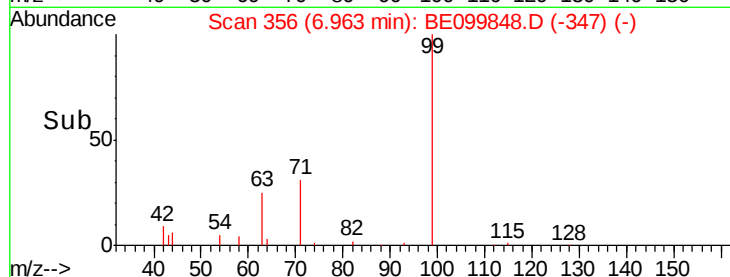
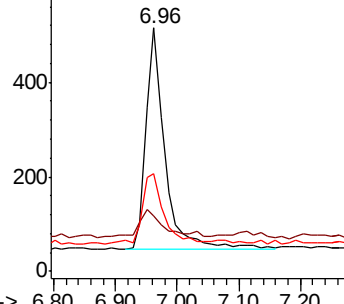
71 34.5 27.6 41.4



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: 0.408 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

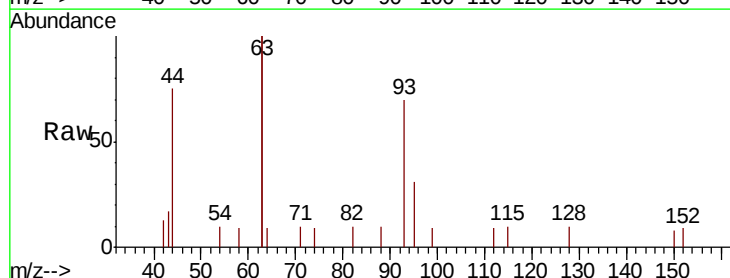
Tgt Ion: 93 Resp: 682

Ion Ratio Lower Upper

93 100

63 251.0 200.8 301.2

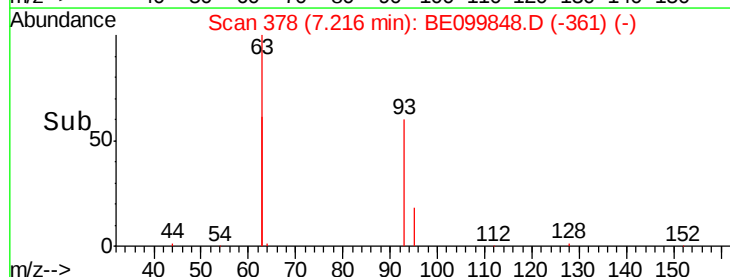
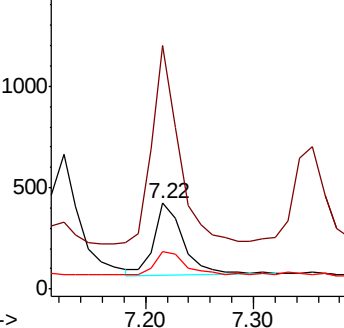
95 33.7 27.0 40.4

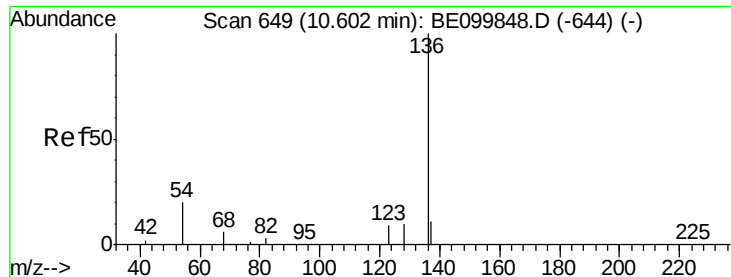


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 2128

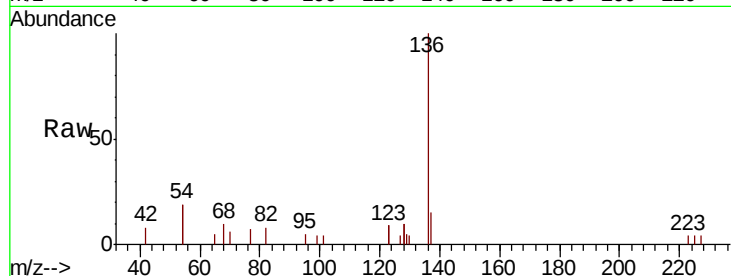
Ion Ratio Lower Upper

136 100

137 14.7 11.8 17.6

54 37.8 30.2 45.4

68 10.4 8.3 12.5

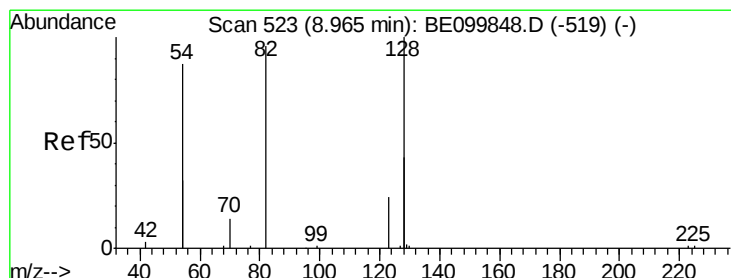
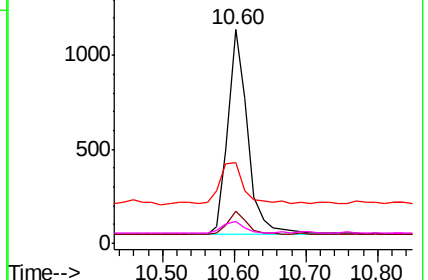
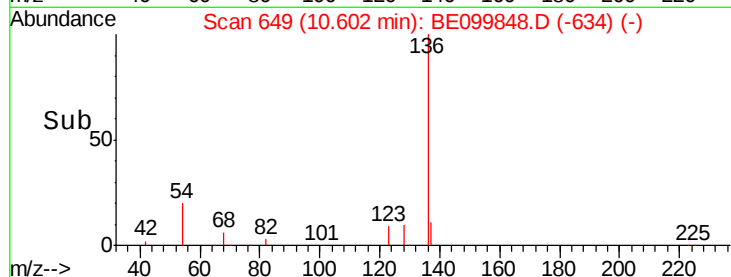


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.441 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

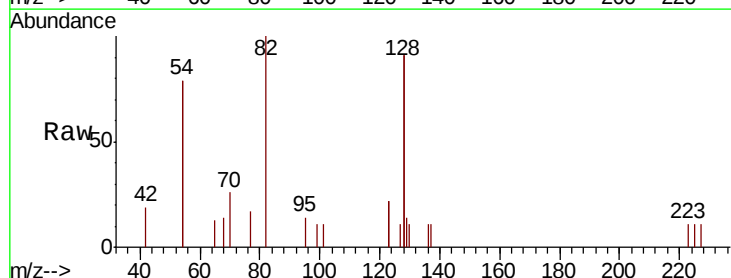
Tgt Ion: 82 Resp: 824

Ion Ratio Lower Upper

82 100

128 181.1 144.9 217.3

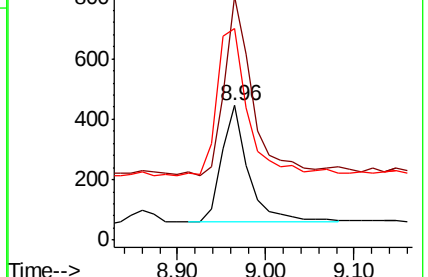
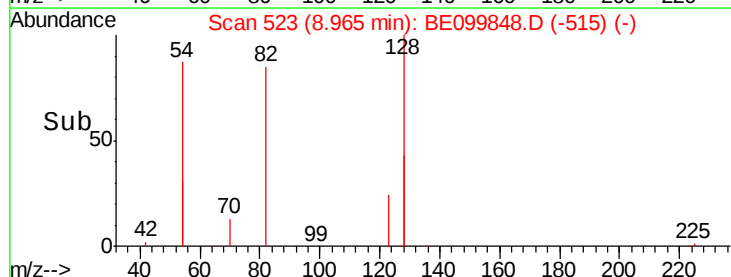
54 157.3 125.8 188.8

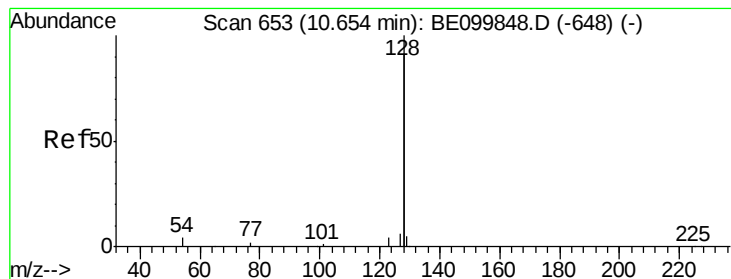


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.402 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

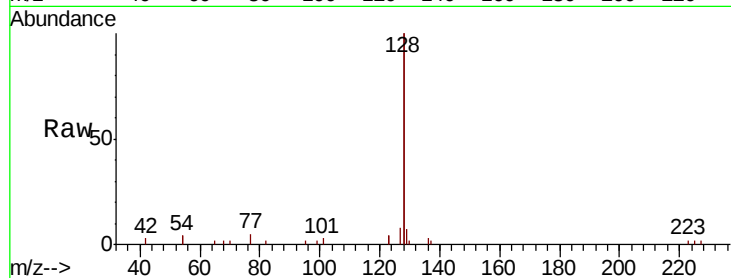
Tot Ion:128 Resp: 9130

Ion Ratio Lower Upper

128 100

129 3.6 2.9 4.3

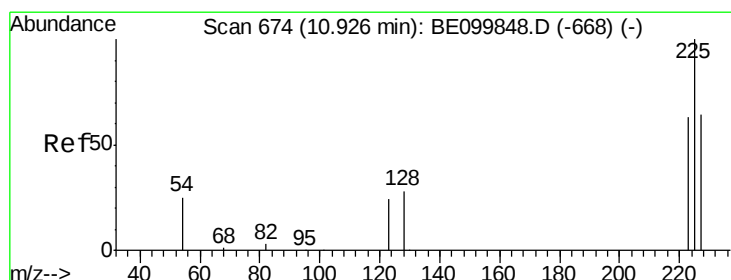
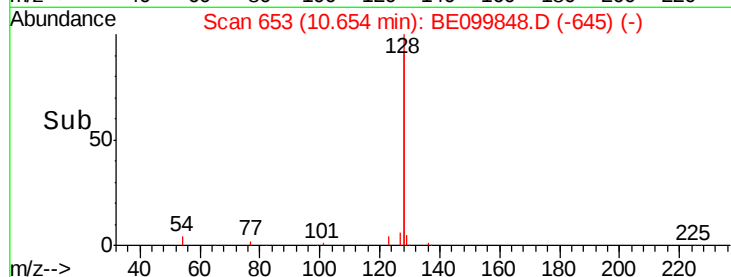
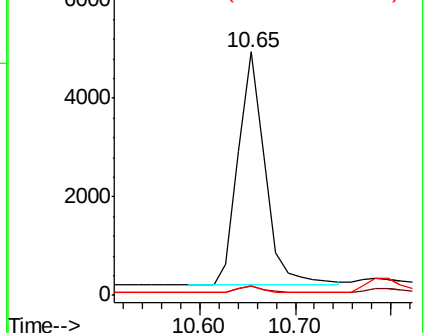
127 4.0 3.2 4.8



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: 0.391 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

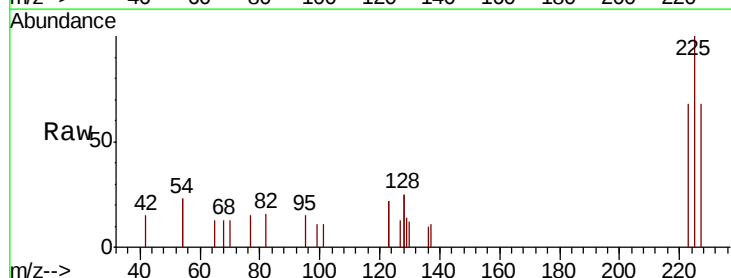
Tgt Ion:225 Resp: 677

Ion Ratio Lower Upper

225 100

223 65.0 52.3 78.5

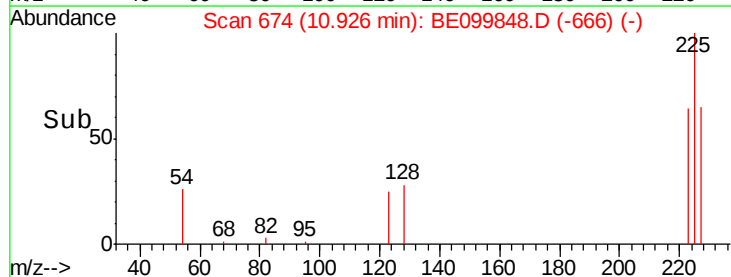
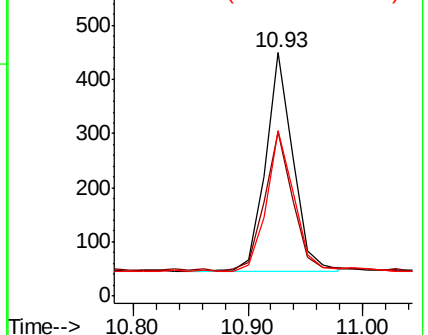
227 64.8 51.6 77.4

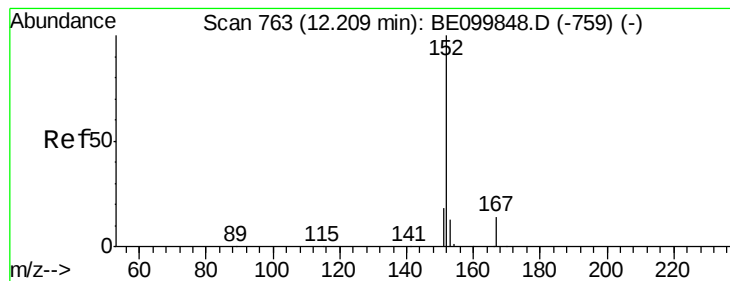


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

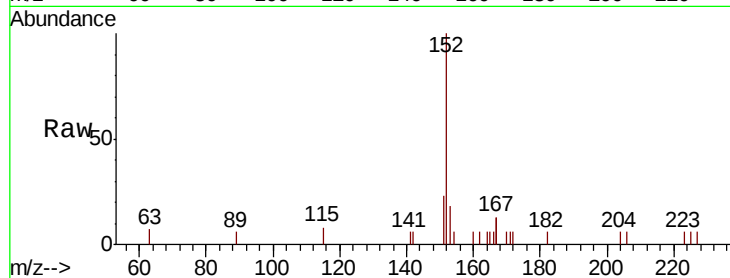
SSTDICCC0.4

Tot Ion:152 Resp: 1533

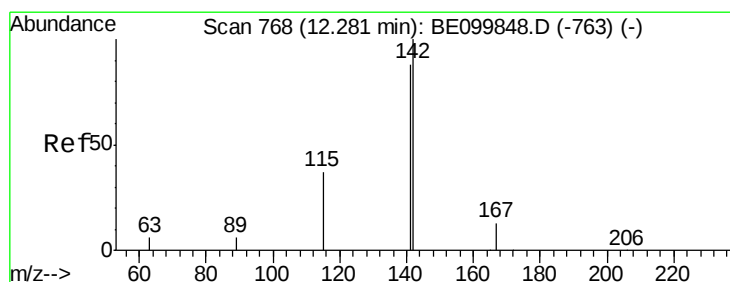
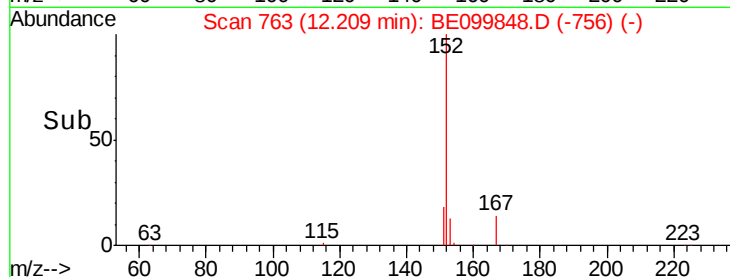
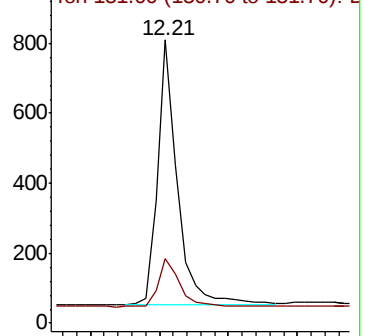
Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.432 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

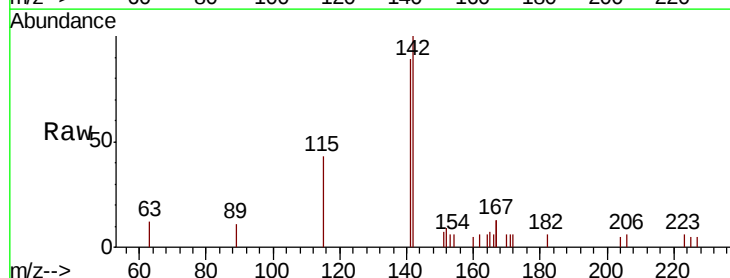
Tgt Ion:142 Resp: 1565

Ion Ratio Lower Upper

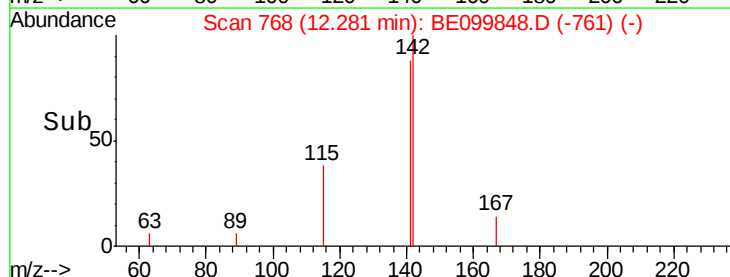
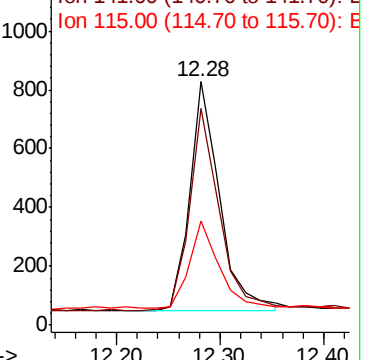
142 100

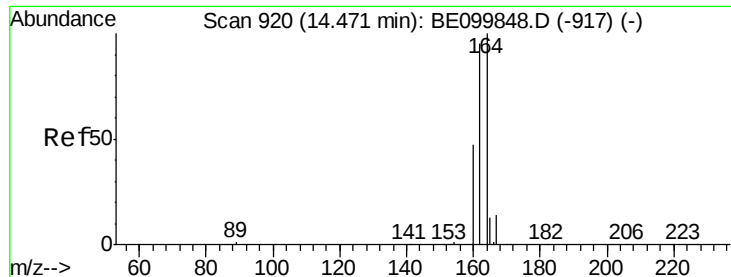
141 88.9 71.1 106.7

115 42.6 34.1 51.1



Abundance Ion 142.00 (141.70 to 142.70): E

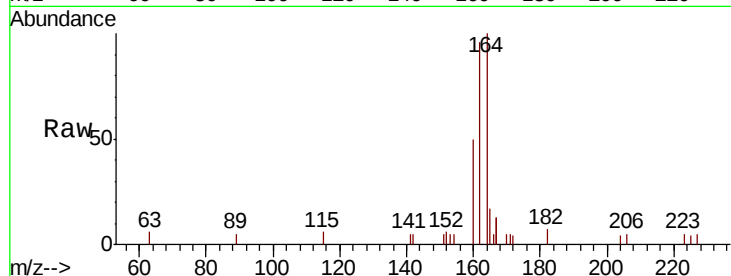




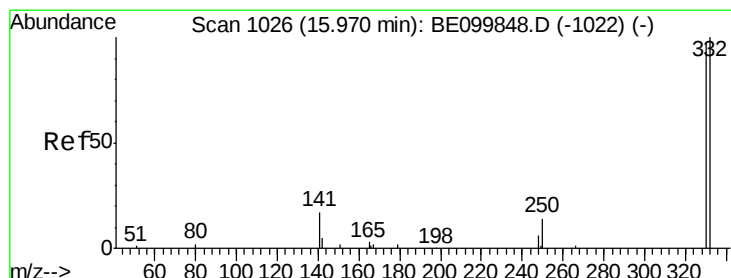
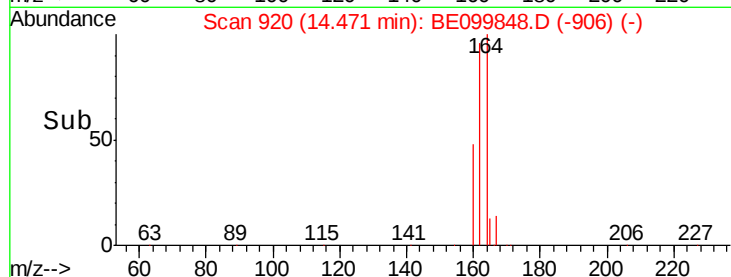
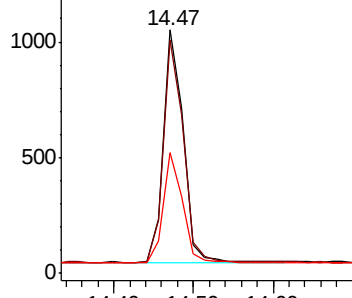
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 1728
Ion Ratio Lower Upper
164 100
162 95.6 76.5 114.7
160 49.6 39.7 59.5

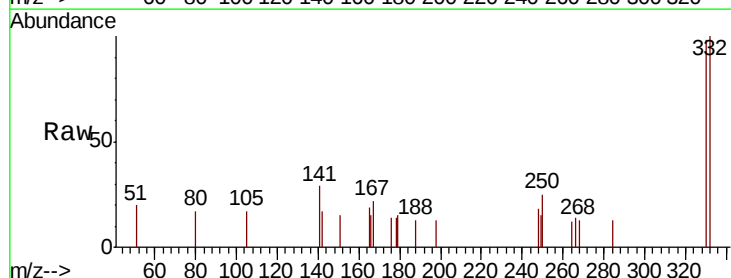


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

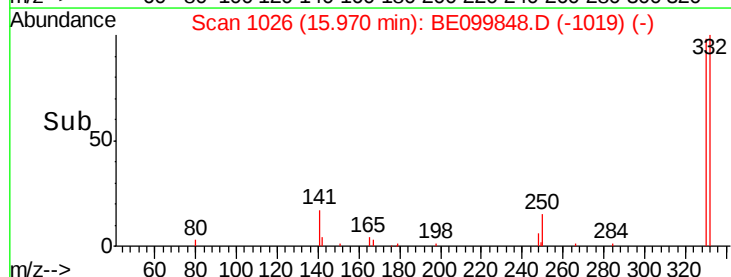
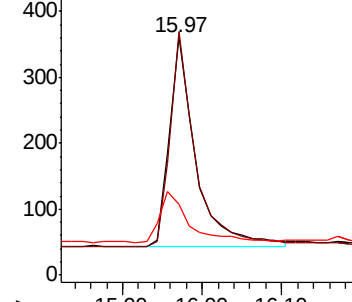


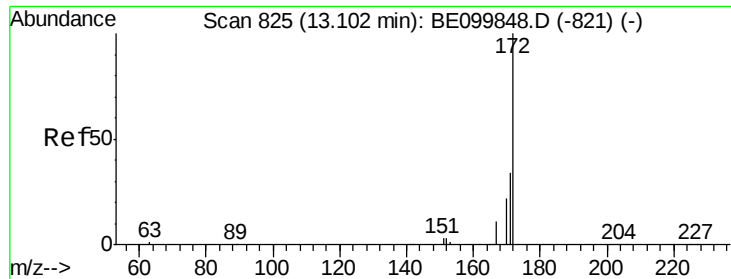
#14
2,4,6-Tribromophenol
Concen: 0.720 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Tgt Ion:330 Resp: 726
Ion Ratio Lower Upper
330 100
332 102.1 81.7 122.5
141 27.1 21.7 32.5



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

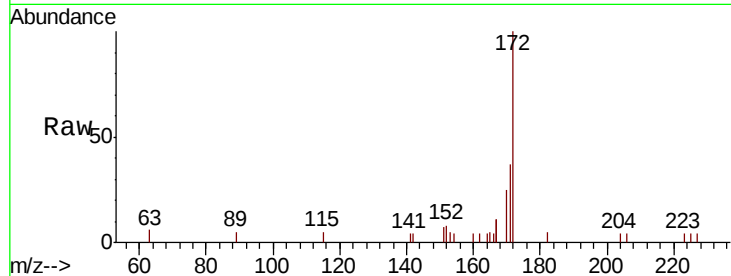




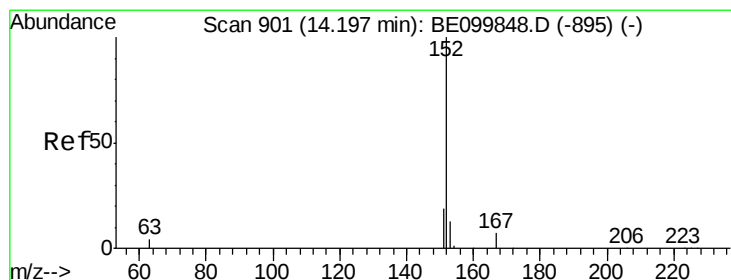
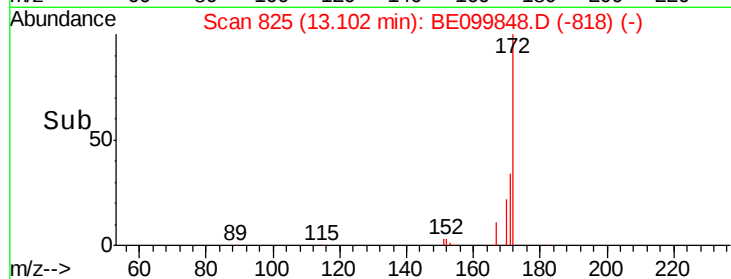
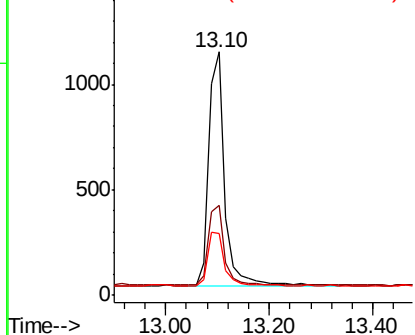
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 2389
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.5 20.4 30.6

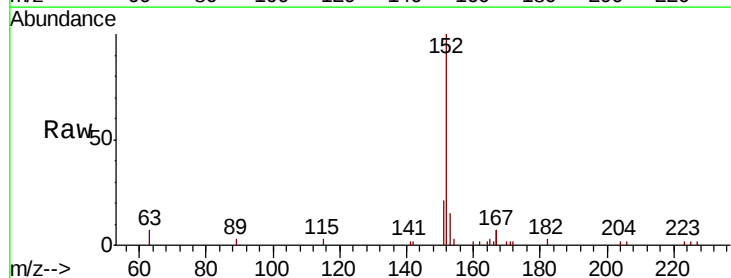


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

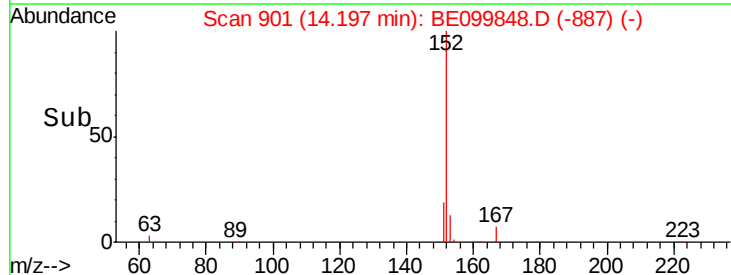
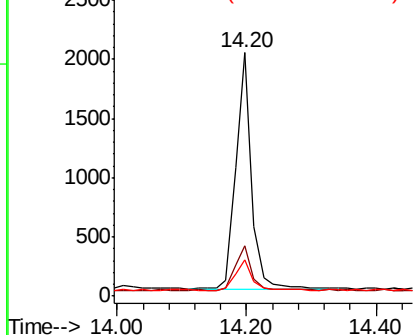


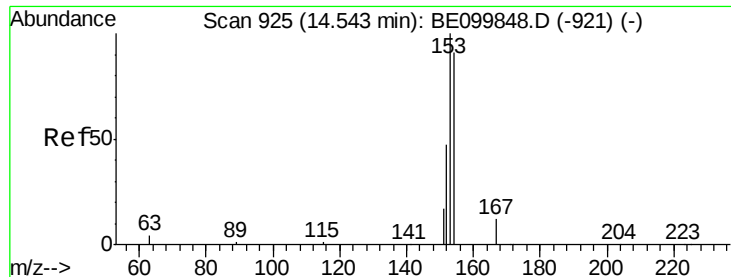
#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Tgt Ion:152 Resp: 3339
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 15.8



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

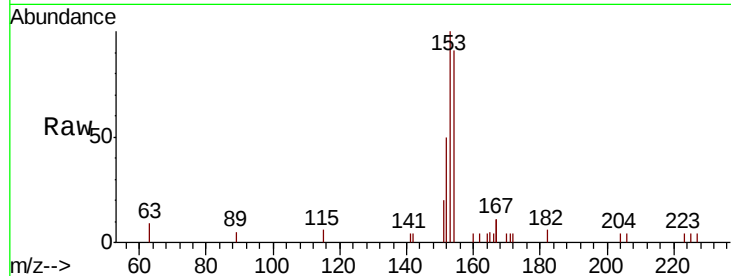




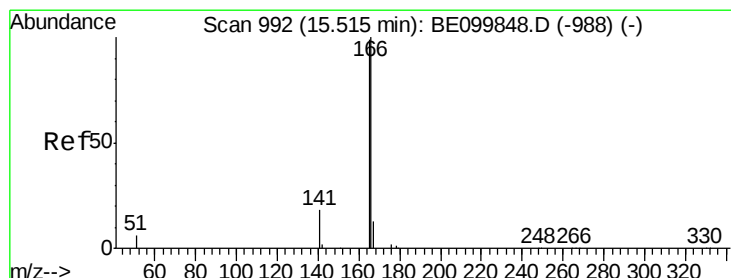
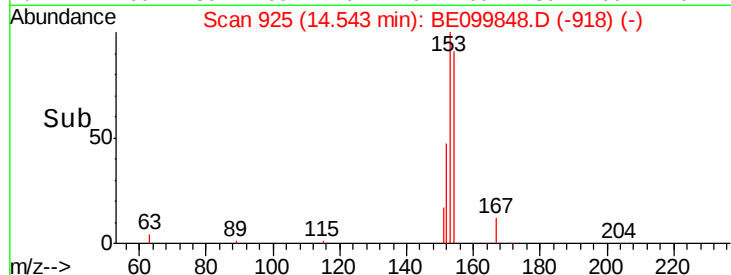
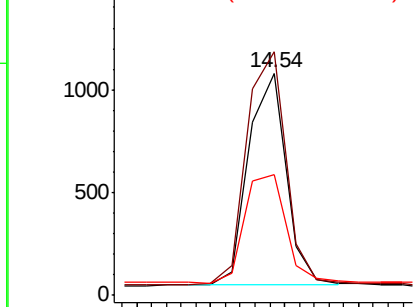
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:154 Resp: 1823
Ion Ratio Lower Upper
154 100
153 114.9 91.9 137.9
152 56.2 45.0 67.4

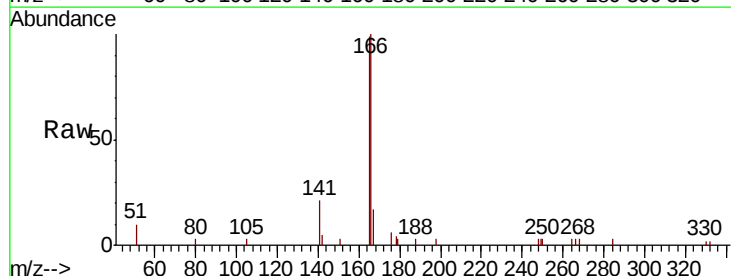


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

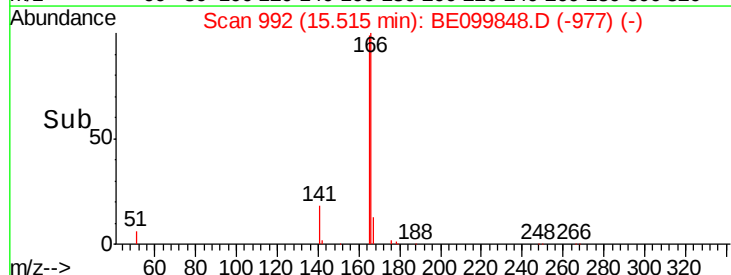
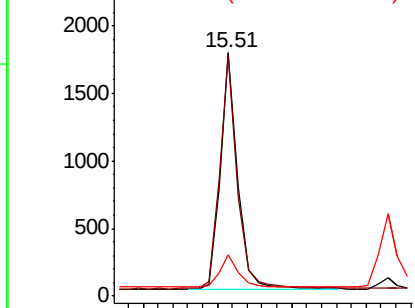


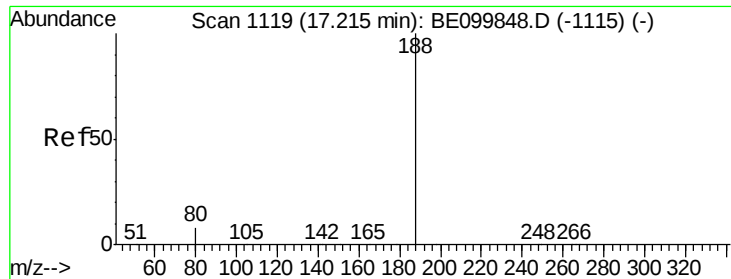
#18
Fluorene
Concen: 0.429 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Tgt Ion:166 Resp: 2882
Ion Ratio Lower Upper
166 100
165 100.1 80.1 120.1
167 14.3 11.4 17.2



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: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

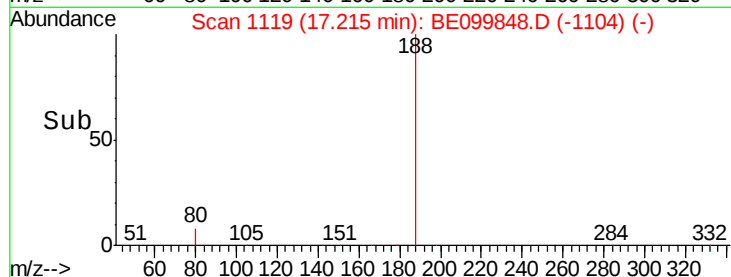
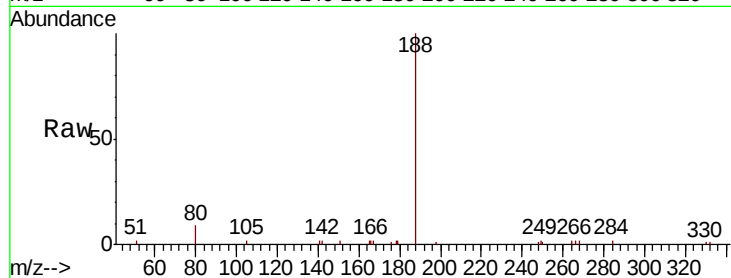
Tot Ion:188 Resp: 6008

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

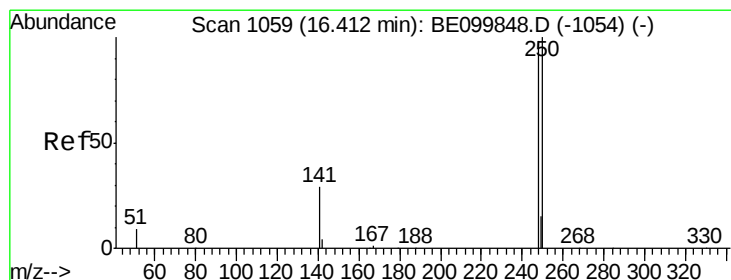
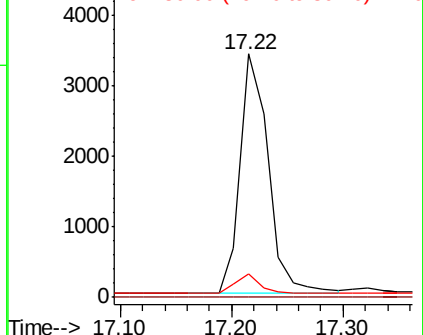
80 9.5 7.6 11.4



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: 0.390 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

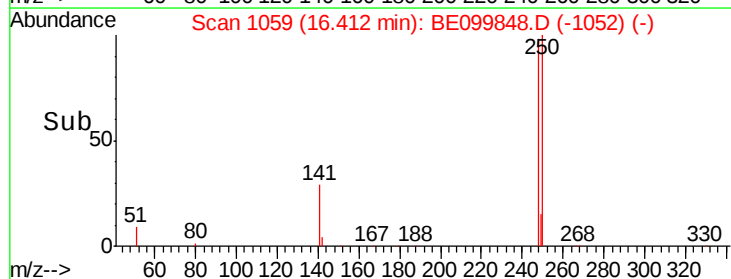
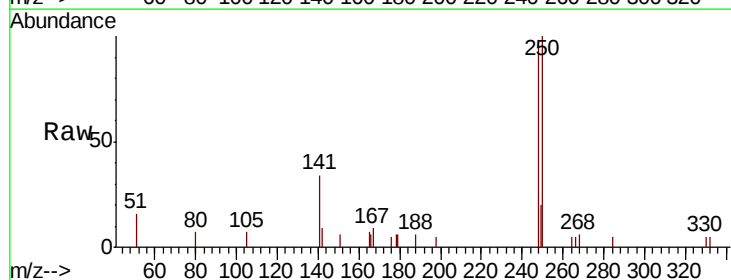
Tgt Ion:248 Resp: 1307

Ion Ratio Lower Upper

248 100

250 102.4 81.9 122.9

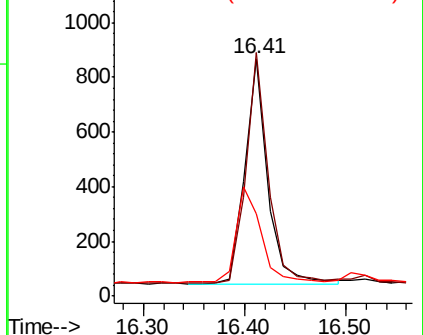
141 34.5 27.6 41.4

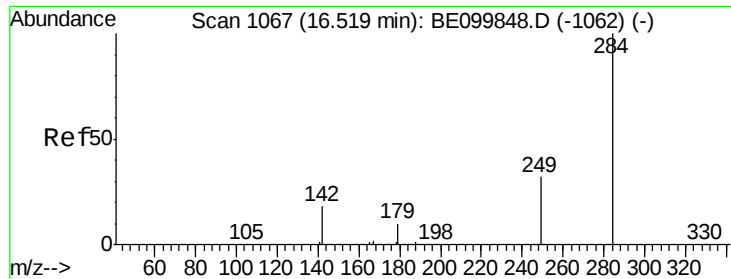


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

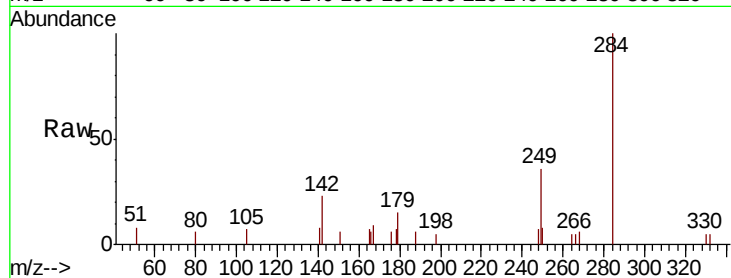




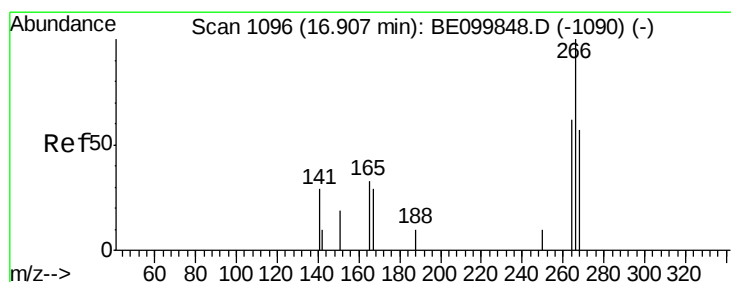
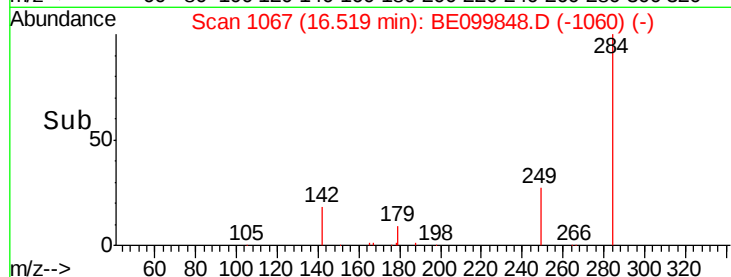
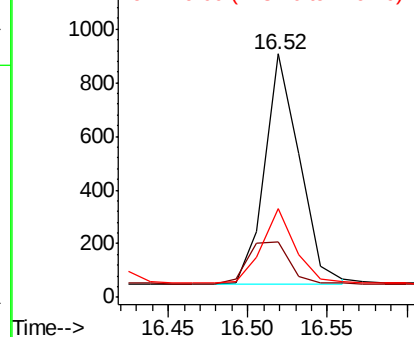
#21
Hexachlorobenzene
Concen: 0.359 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.3	17.8	26.8
249	30.7	24.6	36.8

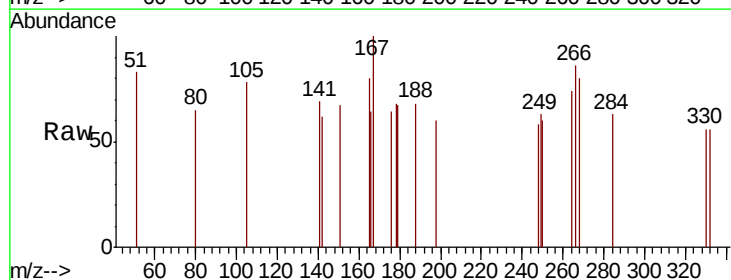


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

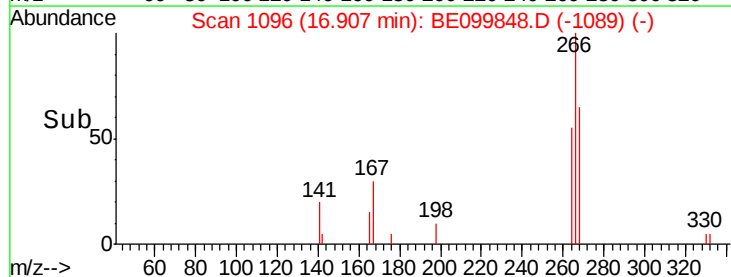
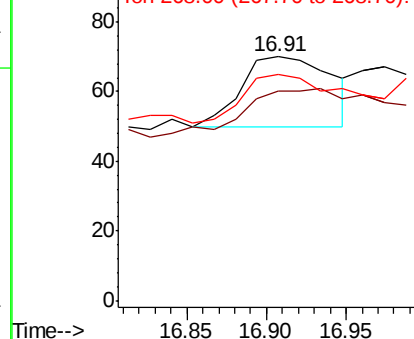


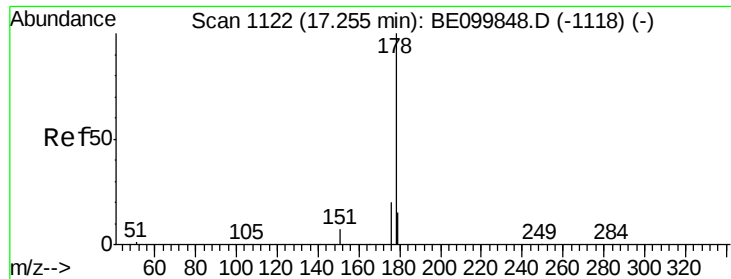
#22
Pentachlorophenol
Concen: 0.118 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Tgt Ion	Ratio	Lower	Upper
266	100		
264	85.7	68.6	102.8
268	92.9	74.3	111.5



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: 0.416 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

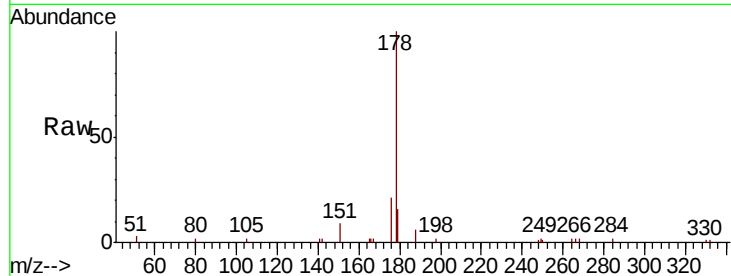
Tot Ion:178 Resp: 5969

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

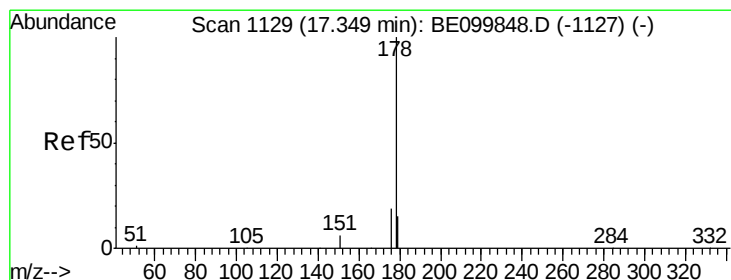
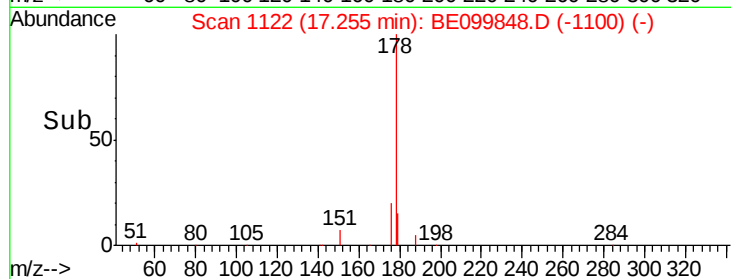
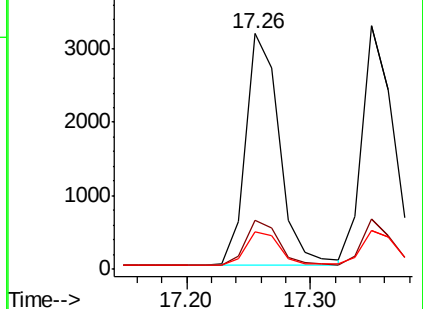
179 15.0 12.0 18.0



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: 0.435 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

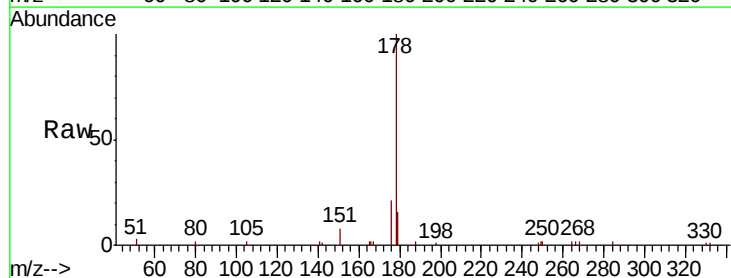
Tgt Ion:178 Resp: 5643

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

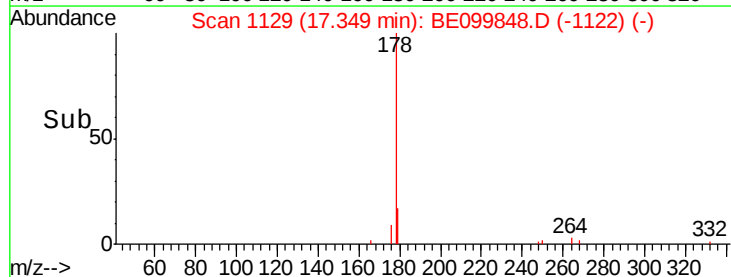
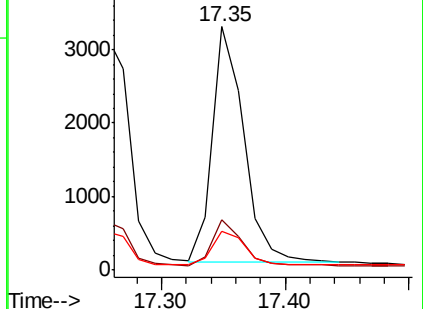
179 15.1 12.1 18.1

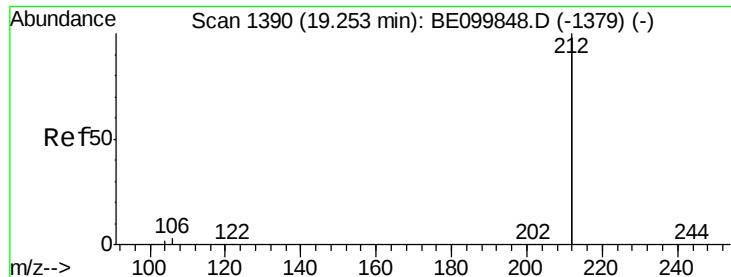


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

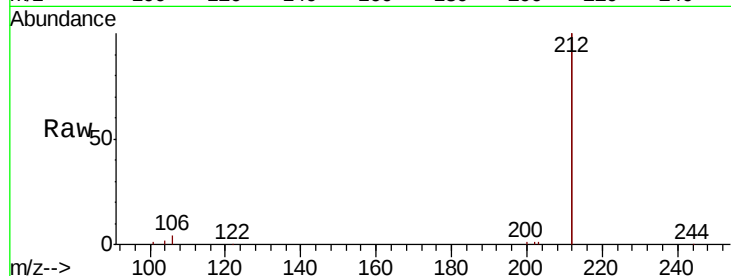
Tot Ion:212 Resp: 37893

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

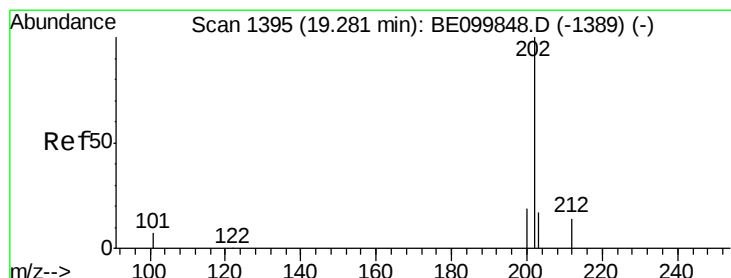
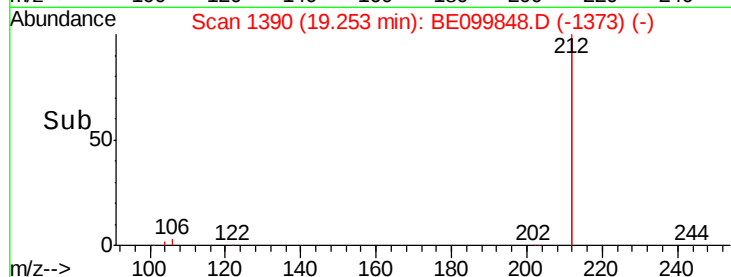
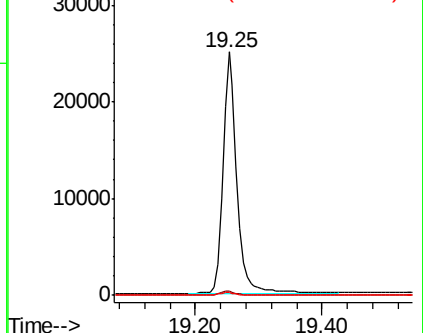
104 1.0 0.8 1.2



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: 0.428 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

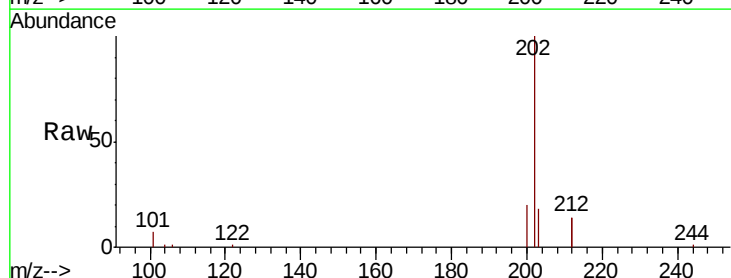
Tgt Ion:202 Resp: 10749

Ion Ratio Lower Upper

202 100

101 6.5 5.2 7.8

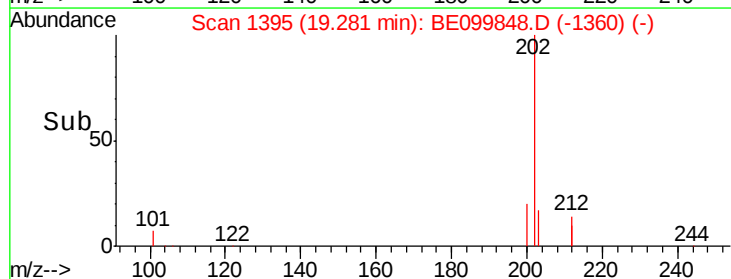
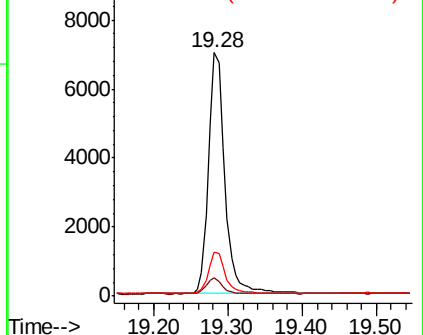
203 17.4 13.9 20.9

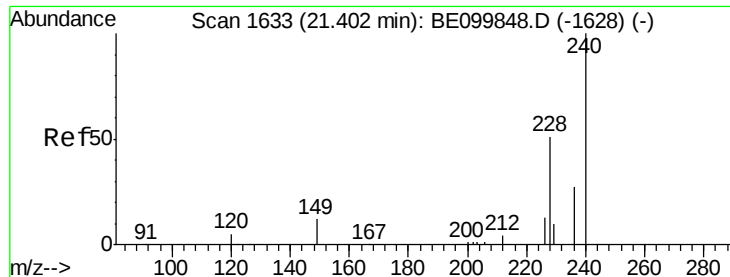


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

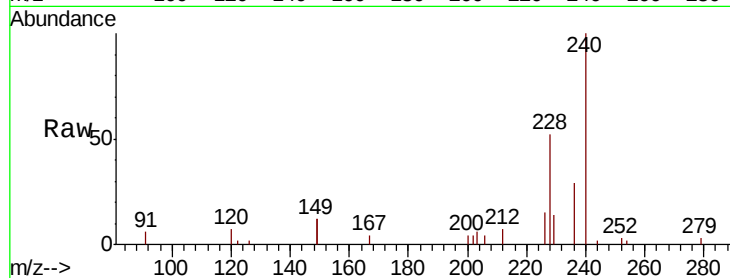




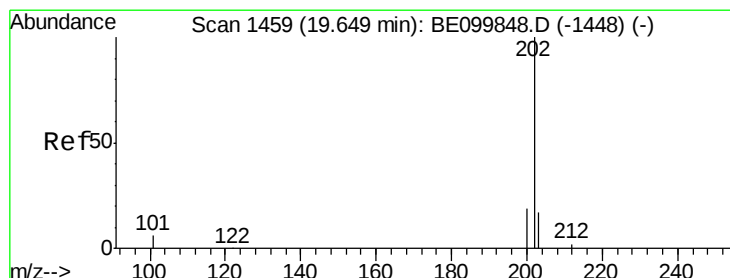
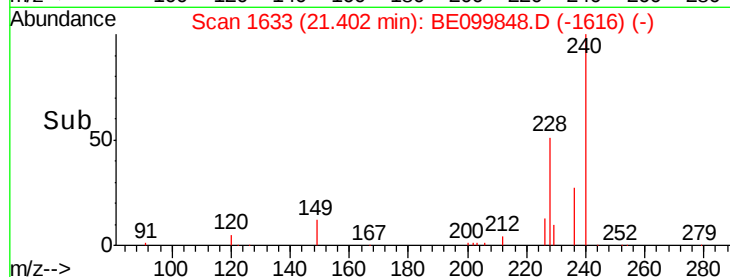
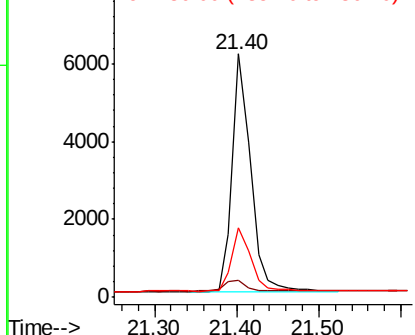
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099848.D
 Acq: 7 Jun 2019 12:17

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:240 Resp: 9573
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.8 8.6
 236 28.8 23.0 34.6

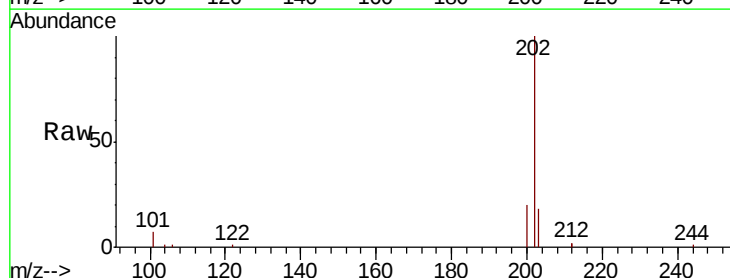


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

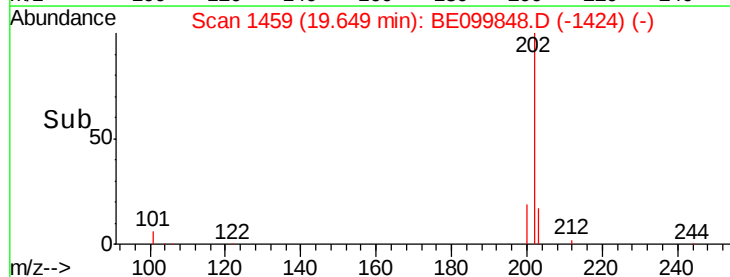
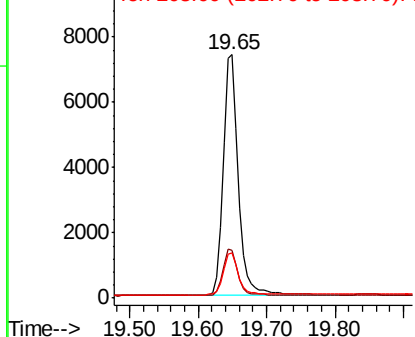


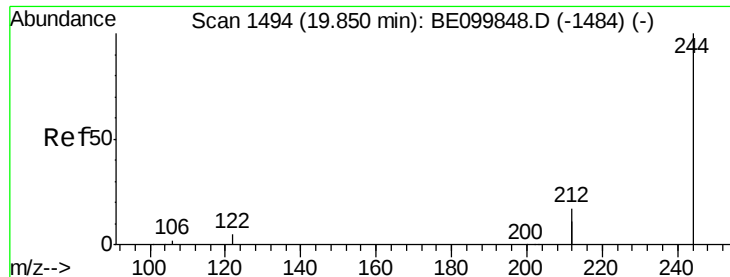
#28
 Pyrene
 Concen: 0.498 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BE099848.D
 Acq: 7 Jun 2019 12:17

Tgt Ion:202 Resp: 11519
 Ion Ratio Lower Upper
 202 100
 200 19.0 15.2 22.8
 203 17.2 13.8 20.6



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

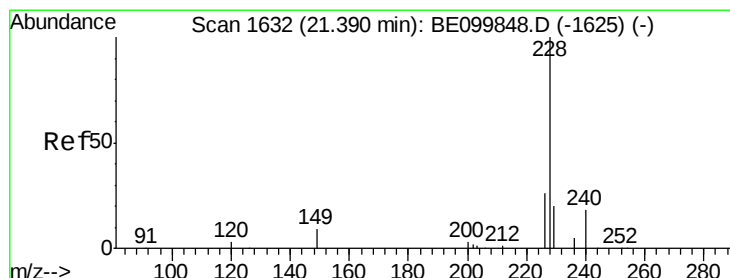
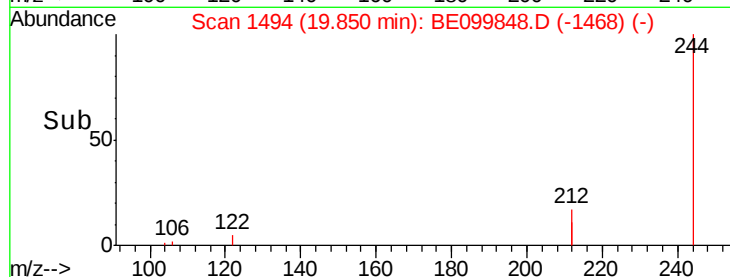
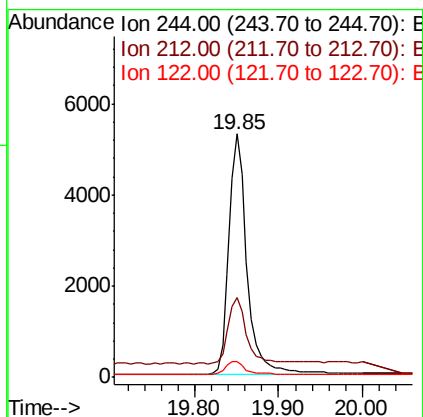
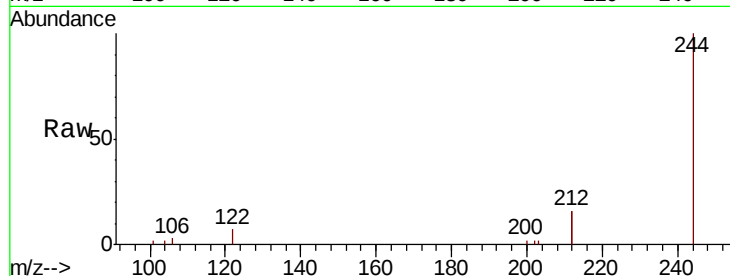




#29
 Terphenyl-d14
 Concen: 0.506 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BE099848.D
 Acq: 7 Jun 2019 12:17

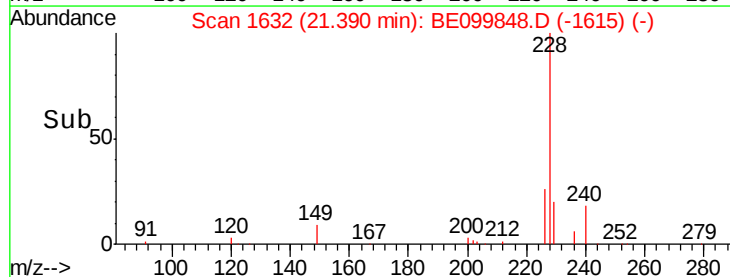
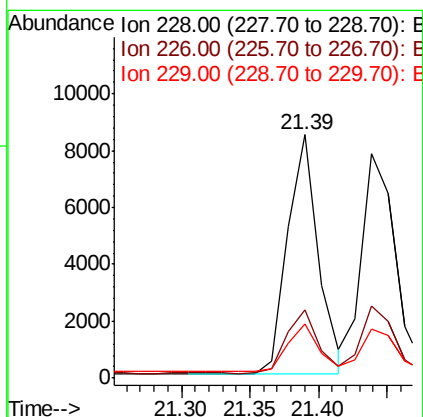
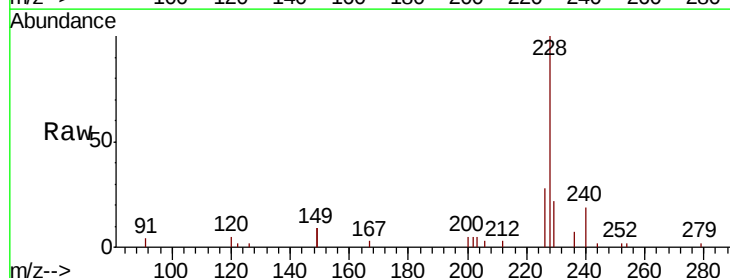
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

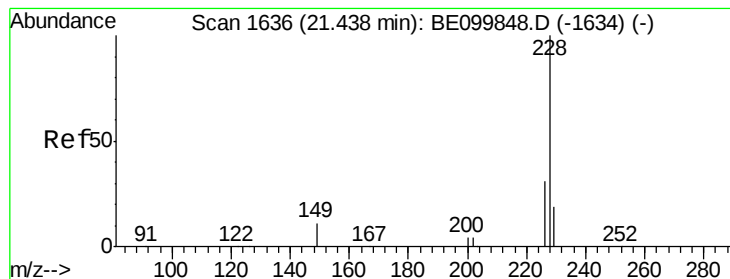
Tot Ion:244 Resp: 7944
 Ion Ratio Lower Upper
 244 100
 212 32.9 26.3 39.5
 122 6.5 5.2 7.8



#30
 Benzo(a)anthracene
 Concen: 0.496 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE099848.D
 Acq: 7 Jun 2019 12:17

Tgt Ion:228 Resp: 13114
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.2 33.4
 229 22.2 17.8 26.6

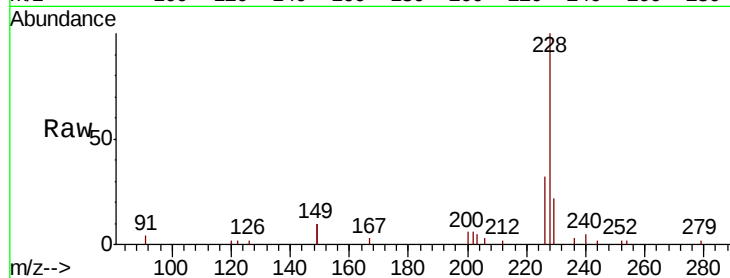




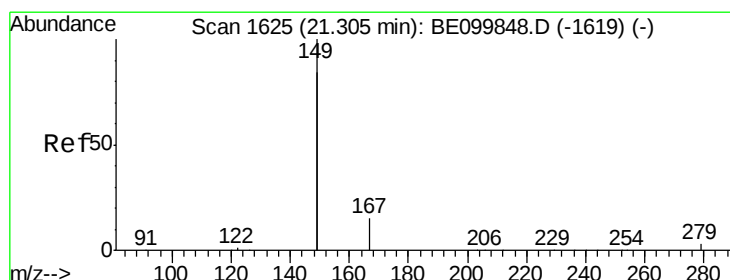
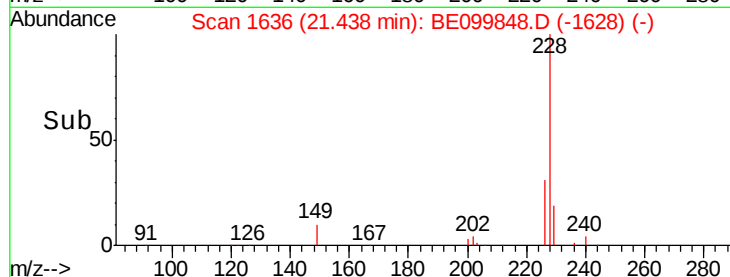
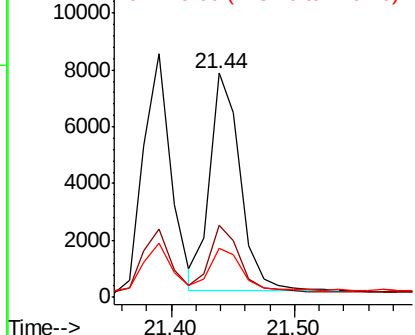
#31
Chrysene
Concen: 0.449 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:228 Resp: 13113
Ion Ratio Lower Upper
228 100
226 32.0 25.6 38.4
229 22.0 17.6 26.4

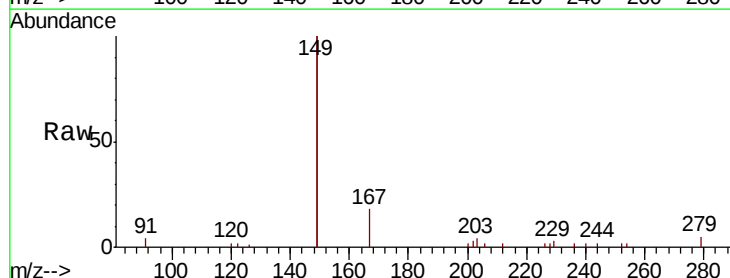


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

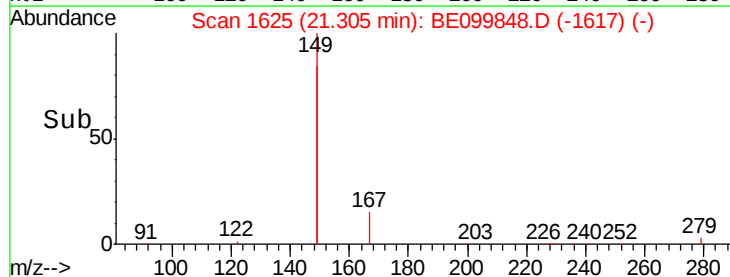
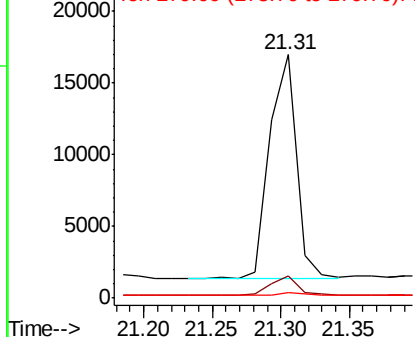


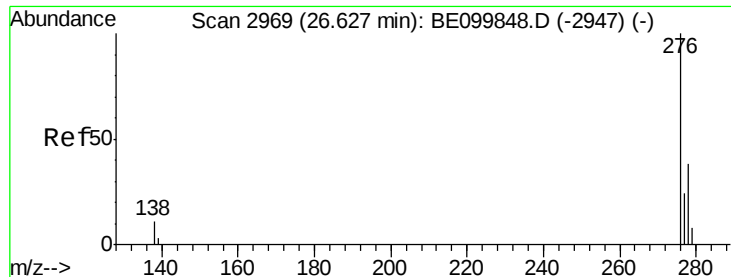
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.700 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Tgt Ion:149 Resp: 21252
Ion Ratio Lower Upper
149 100
167 8.1 6.8 10.2
279 1.8 1.4 2.2



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: 0.445 ng

RT: 26.63 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

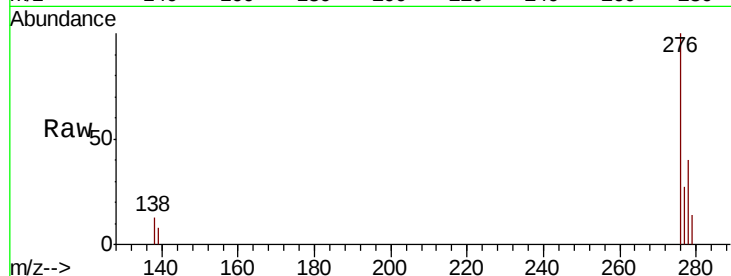
Tot Ion:276 Resp: 15594

Ion Ratio Lower Upper

276 100

138 11.7 9.4 14.0

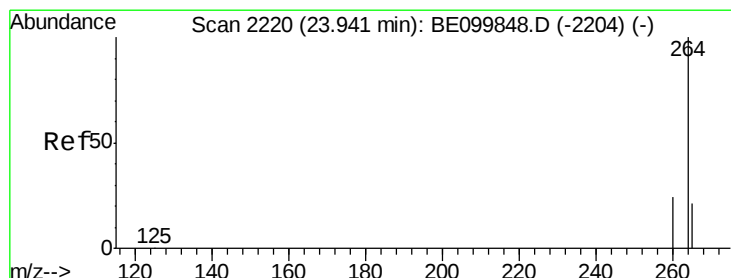
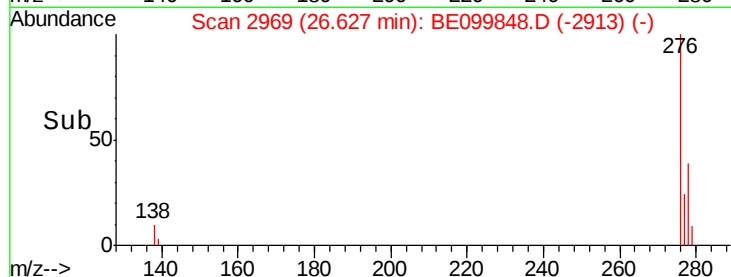
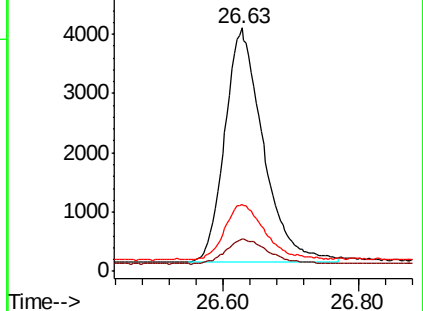
277 24.6 19.7 29.5



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: 23.94 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

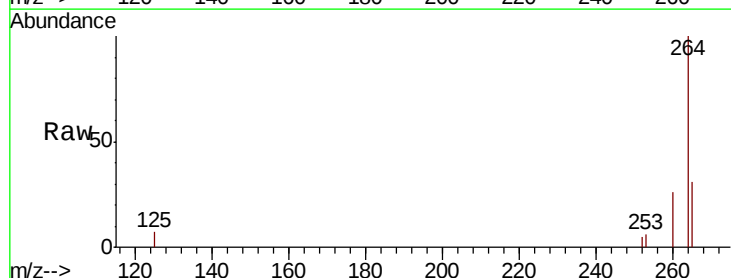
Tgt Ion:264 Resp: 11619

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

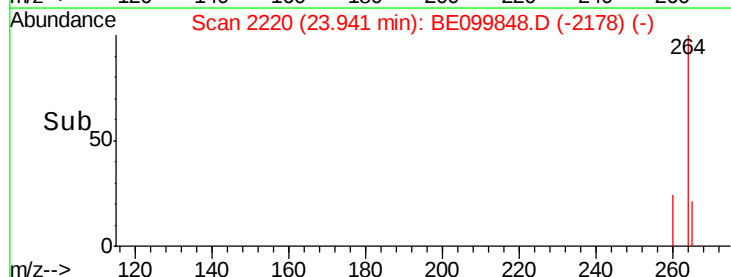
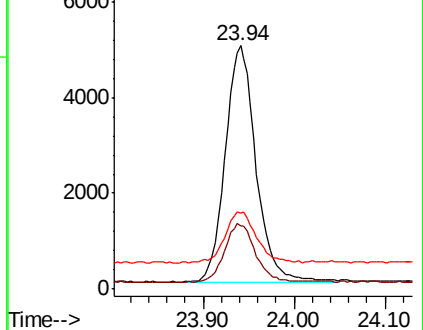
265 31.1 24.9 37.3

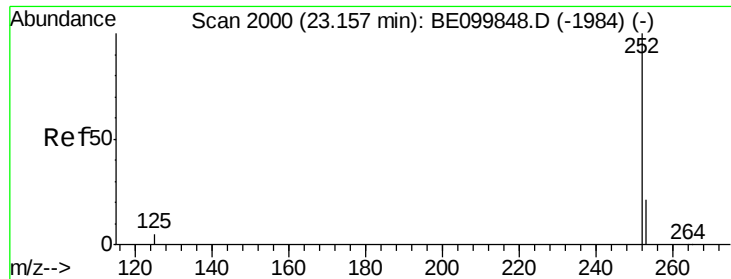


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

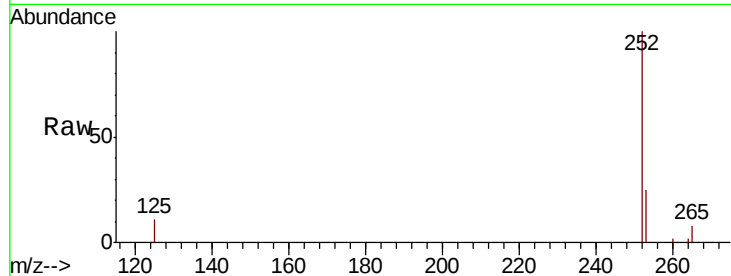




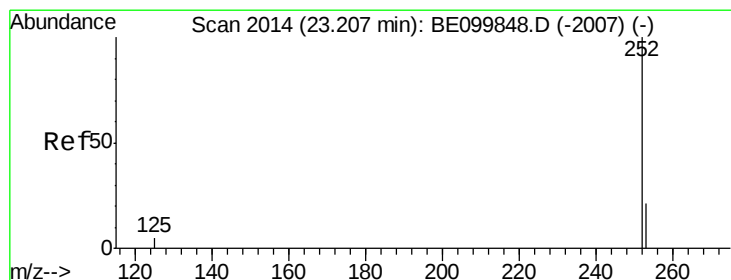
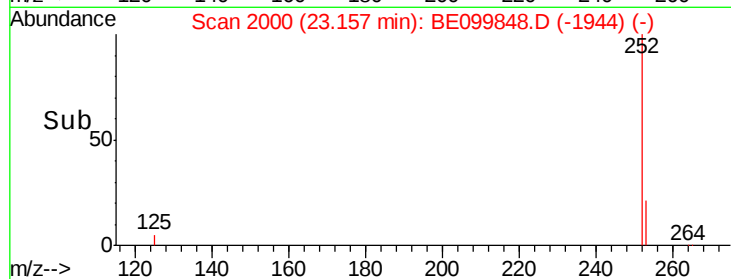
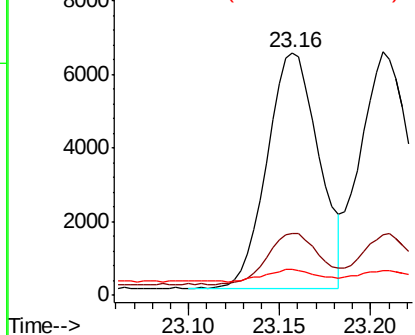
#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.16 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:252 Resp: 12619
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 10.6 8.5 12.7

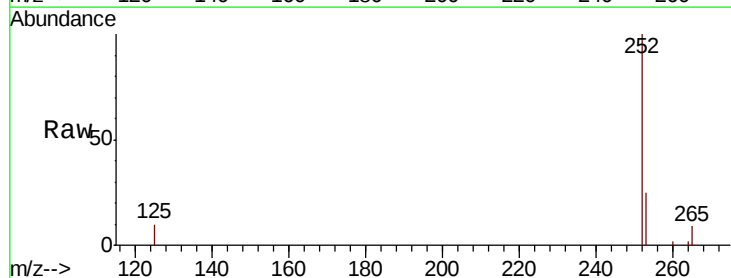


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

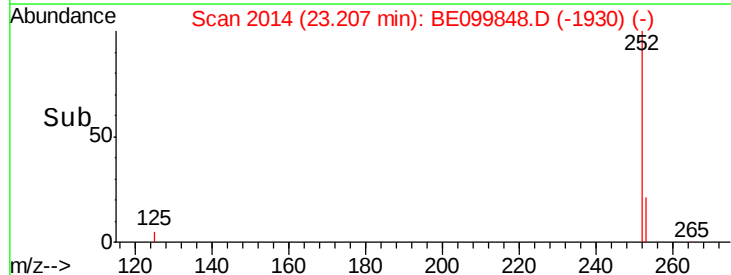
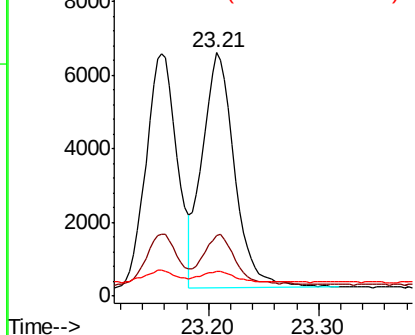


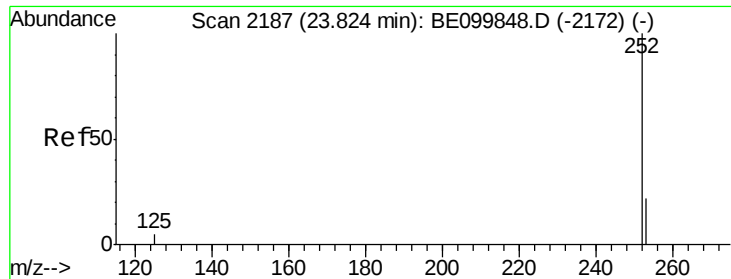
#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE099848.D
Acq: 7 Jun 2019 12:17

Tgt Ion:252 Resp: 13044
Ion Ratio Lower Upper
252 100
253 24.7 19.8 29.6
125 10.3 8.2 12.4



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: 0.397 ng

RT: 23.82 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

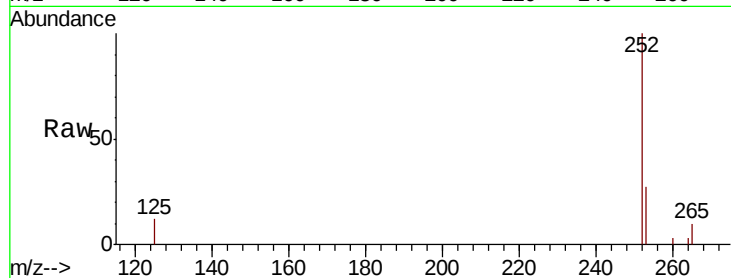
Tot Ion:252 Resp: 12393

Ion Ratio Lower Upper

252 100

253 26.9 21.5 32.3

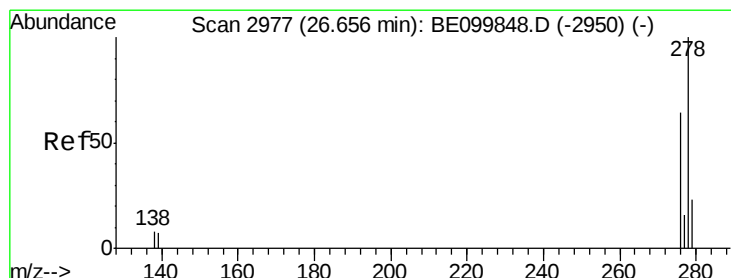
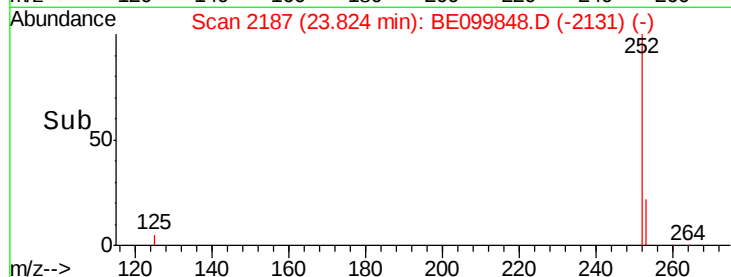
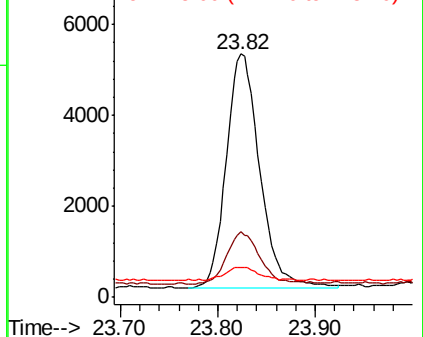
125 12.5 10.0 15.0



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: 0.399 ng

RT: 26.66 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

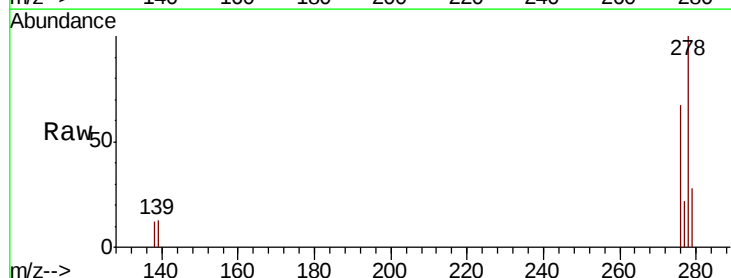
Tgt Ion:278 Resp: 12668

Ion Ratio Lower Upper

278 100

139 12.6 10.1 15.1

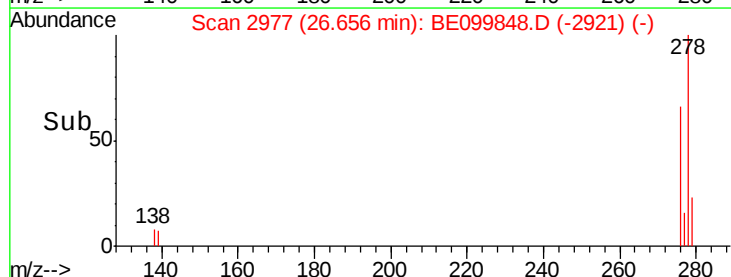
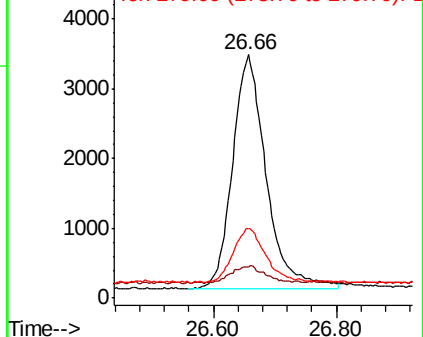
279 28.4 22.7 34.1

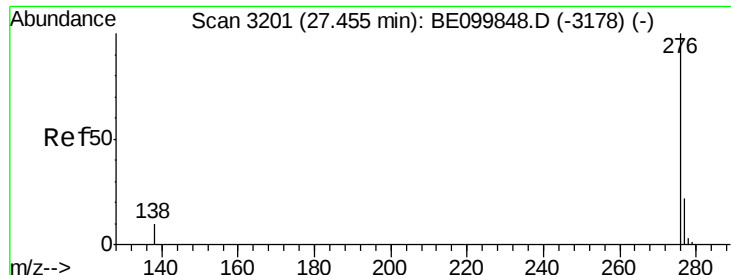


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.387 ng

RT: 27.45 min Scan# 3201

Delta R.T. 0.00 min

Lab File: BE099848.D

Acq: 7 Jun 2019 12:17

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

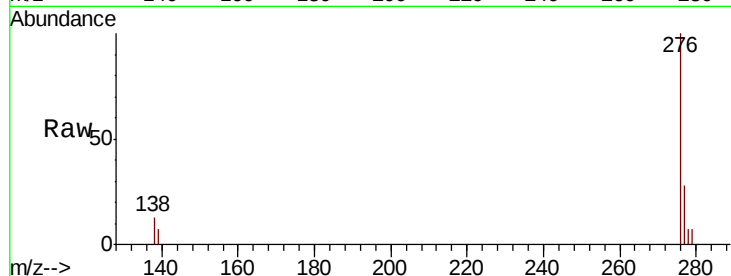
Tot Ion: 276 Resp: 12892

Ion Ratio Lower Upper

276 100

277 27.6 22.1 33.1

138 13.2 10.6 15.8



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

