

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099824.D
 Acq On : 6 Jun 2019 16:35
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 07 02:06:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1376	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4984	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3574	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	12820	0.40	ng	0.00
27) Chrysene-d12	21.40	240	20731	0.40	ng	-0.01
34) Perylene-d12	23.94	264	24007	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1377	0.41	ng	0.00
5) Phenol-d6	6.96	99	1750	0.41	ng	0.00
8) Nitrobenzene-d5	8.96	82	1631	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2914	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	808	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4954	0.37	ng	0.00
25) Fluoranthene-d10	19.26	212	66247	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	14025	0.41	ng	0.00

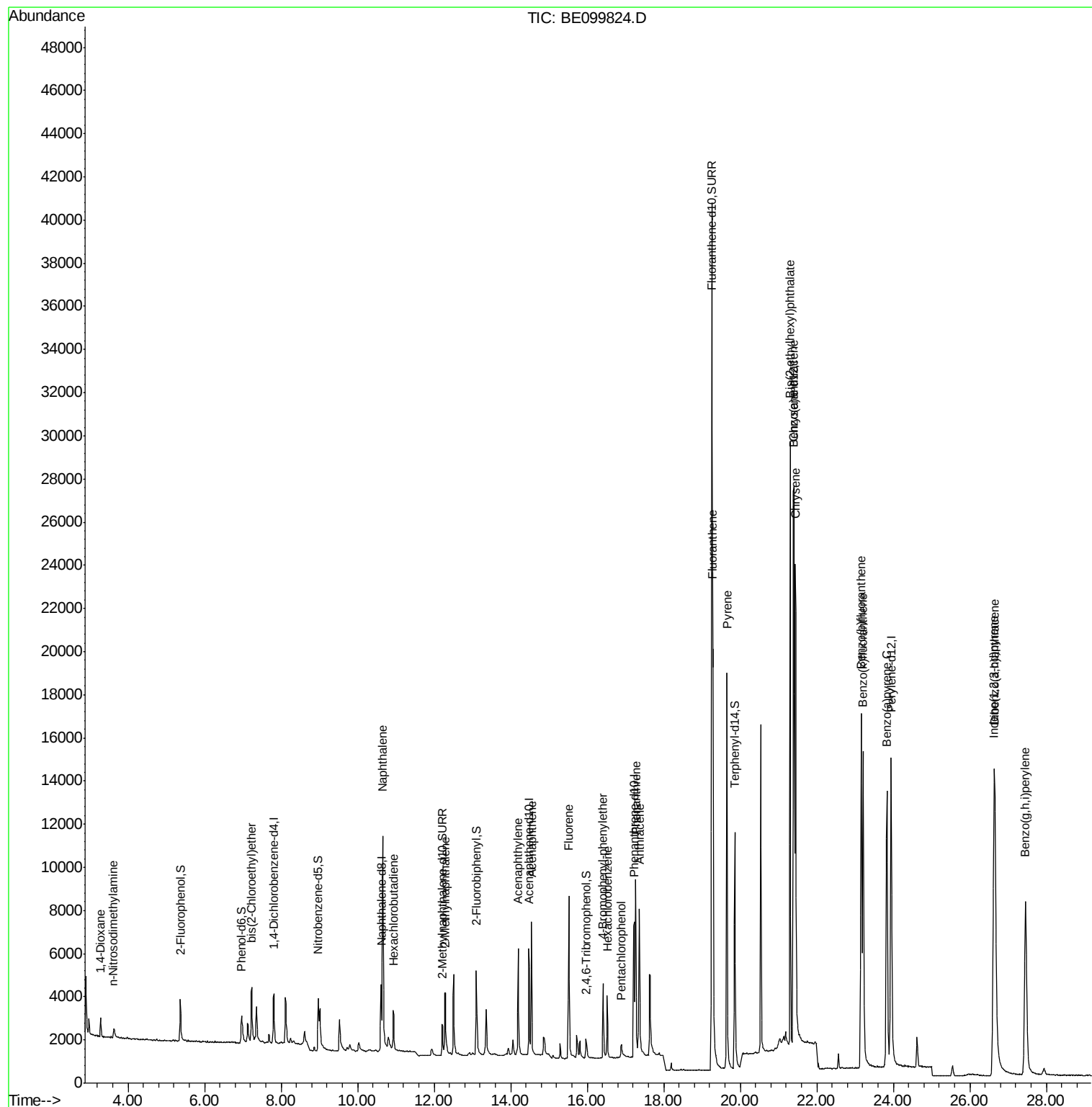
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	730	0.366	ng	98
3) n-Nitrosodimethylamine	3.61	42	363	0.343	ng	# 84
6) bis(2-Chloroethyl)ether	7.23	93	1403	0.372	ng	96
9) Naphthalene	10.65	128	19515	0.367	ng	100
10) Hexachlorobutadiene	10.93	225	1447	0.357	ng	96
12) 2-Methylnaphthalene	12.30	142	3016	0.356	ng	95
16) Acenaphthylene	14.20	152	6173	0.358	ng	100
17) Acenaphthene	14.54	154	3432	0.364	ng	100
18) Fluorene	15.51	166	5091	0.366	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2364	0.331	ng	97
21) Hexachlorobenzene	16.52	284	2676	0.341	ng	100
22) Pentachlorophenol	16.89	266	763	0.576	ng	95
23) Phenanthrene	17.27	178	10978	0.359	ng	99
24) Anthracene	17.36	178	9687	0.350	ng	98
26) Fluoranthene	19.29	202	19312	0.360	ng	100
28) Pyrene	19.65	202	20241	0.404	ng	100
30) Benzo(a)anthracene	21.39	228	22554	0.394	ng	99
31) Chrysene	21.44	228	25146	0.397	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	29178	0.444	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	29642	0.391	ng	# 93
35) Benzo(b)fluoranthene	23.16	252	24585	0.370	ng	98
36) Benzo(k)fluoranthene	23.21	252	26000	0.369	ng	99
37) Benzo(a)pyrene	23.83	252	23999	0.372	ng	99
38) Dibenzo(a,h)anthracene	26.66	278	23907	0.365	ng	97
39) Benzo(g,h,i)perylene	27.45	276	24635	0.358	ng	98

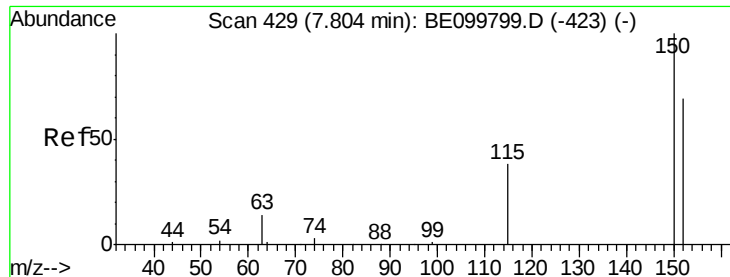
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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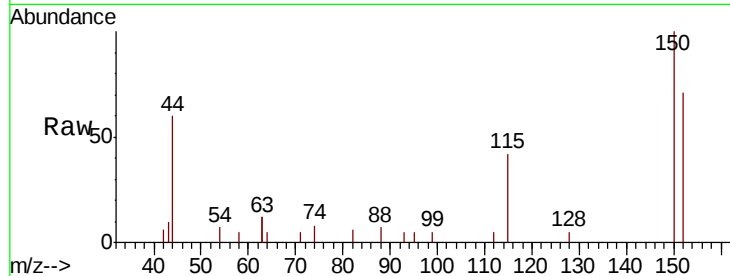


#1

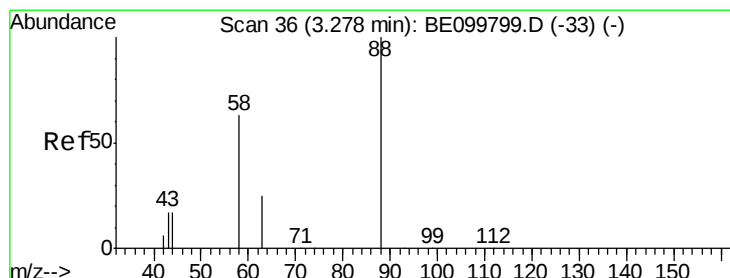
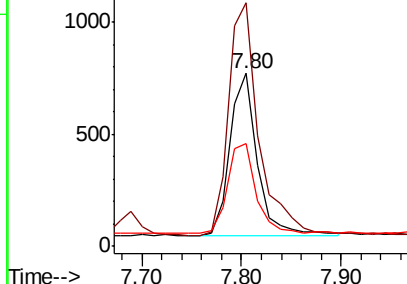
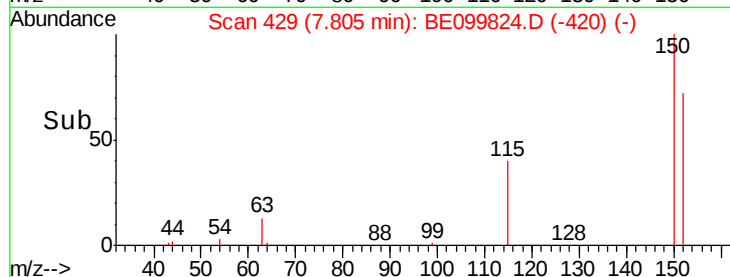
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099824.D
Acq: 6 Jun 2019 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 1376
Ion Ratio Lower Upper
152 100
150 140.7 112.8 169.2
115 59.1 47.6 71.4



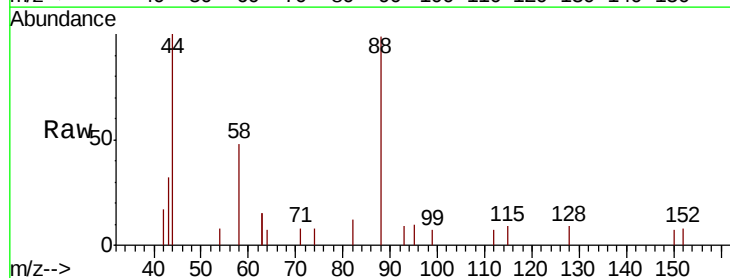
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



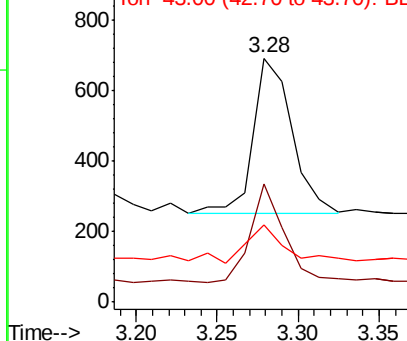
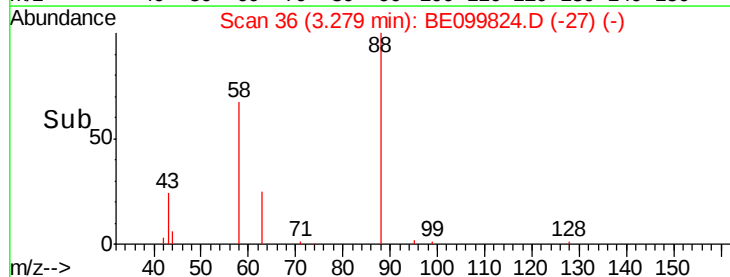
#2

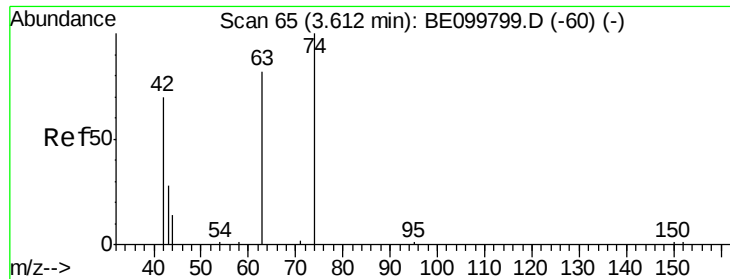
1,4-Dioxane
Concen: 0.366 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099824.D
Acq: 6 Jun 2019 16:35

Tgt Ion: 88 Resp: 730
Ion Ratio Lower Upper
88 100
58 57.4 47.3 70.9
43 22.6 18.2 27.4



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.343 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

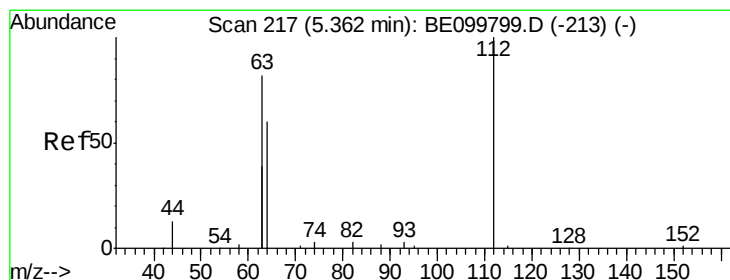
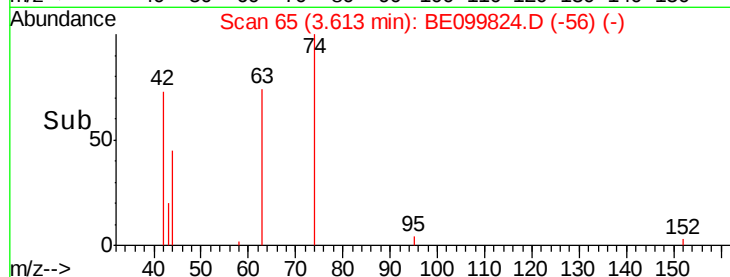
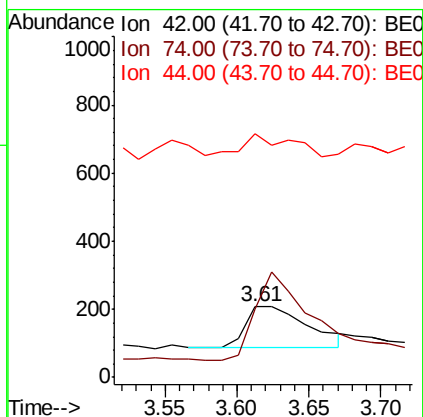
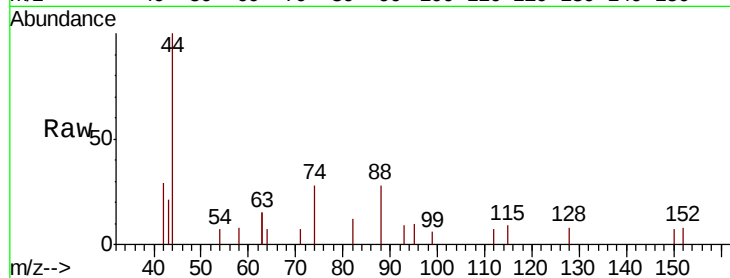
Tgt Ion: 42 Resp: 363

Ion Ratio Lower Upper

42 100

74 181.0 132.6 198.8

44 45.7 13.4 20.0#



#4

2-Fluorophenol

Concen: 0.411 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

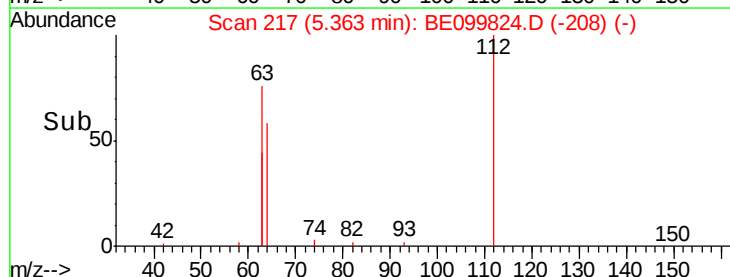
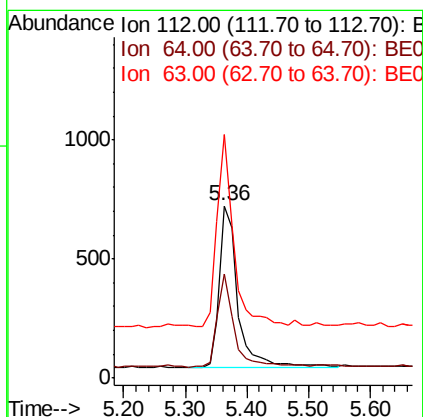
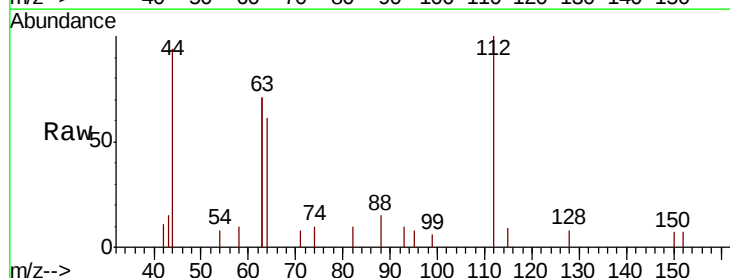
Tgt Ion: 112 Resp: 1377

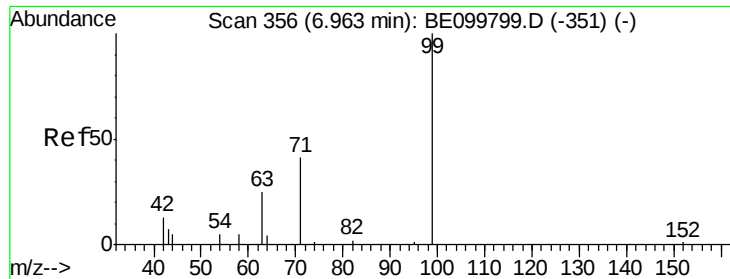
Ion Ratio Lower Upper

112 100

64 52.4 47.2 70.8

63 107.6 90.7 136.1





#5

Phenol-d6

Concen: 0.406 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

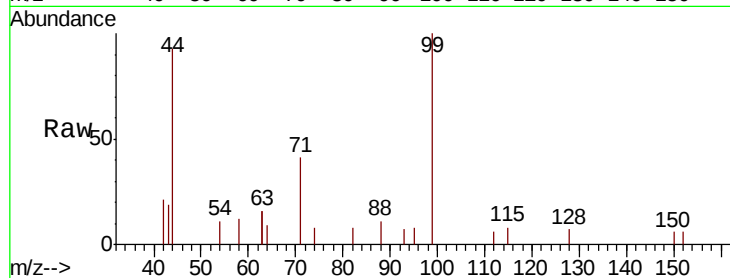
Tgt Ion: 99 Resp: 1750

Ion Ratio Lower Upper

99 100

42 15.3 11.0 16.4

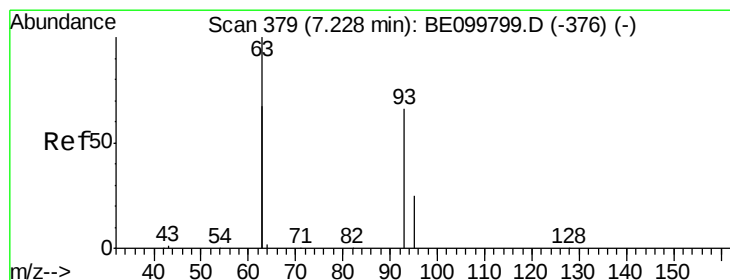
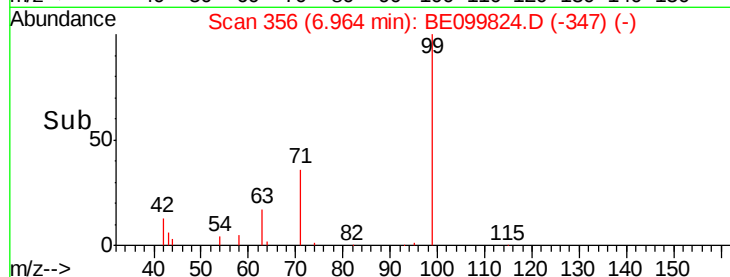
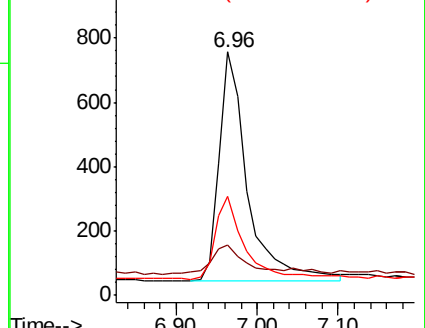
71 37.4 26.1 39.1



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: 0.372 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

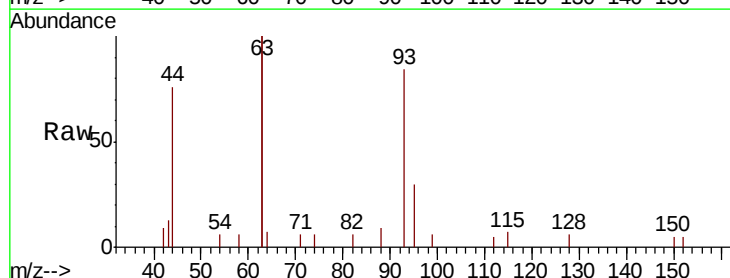
Tgt Ion: 93 Resp: 1403

Ion Ratio Lower Upper

93 100

63 254.5 208.8 313.2

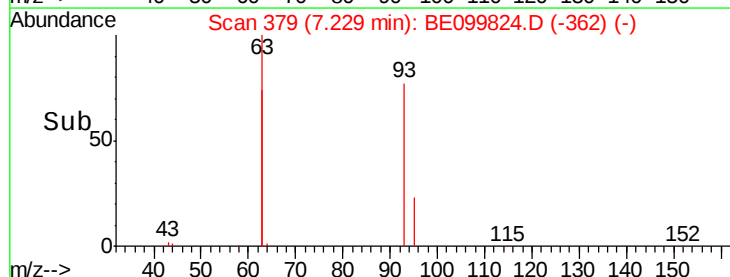
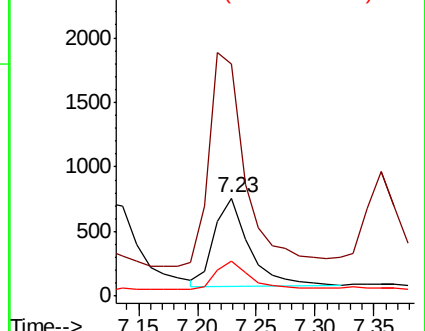
95 31.6 27.6 41.4

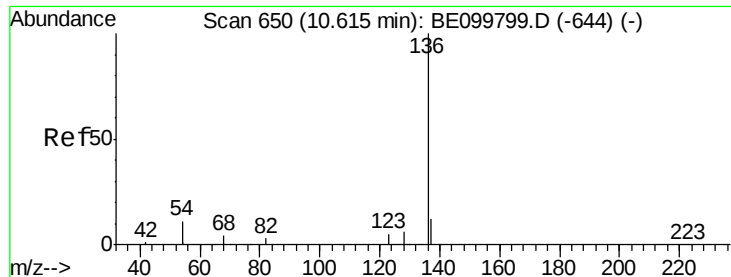


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 4984

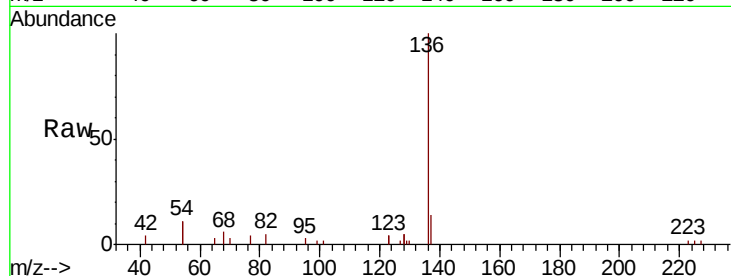
Ion Ratio Lower Upper

136 100

137 13.6 11.1 16.7

54 22.1 17.9 26.9

68 6.4 5.4 8.0

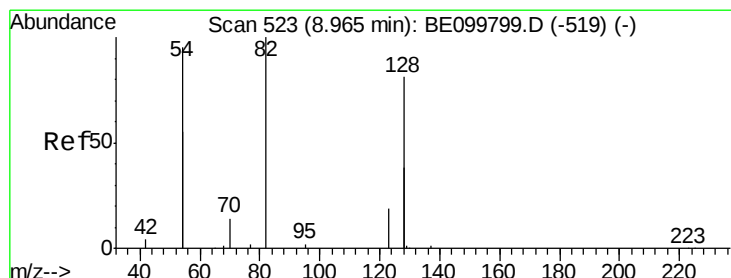
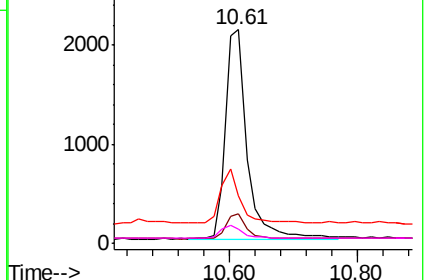
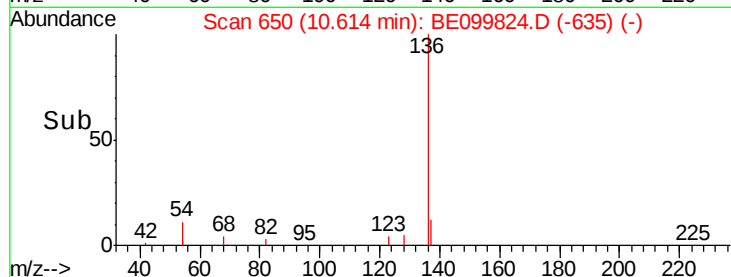


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

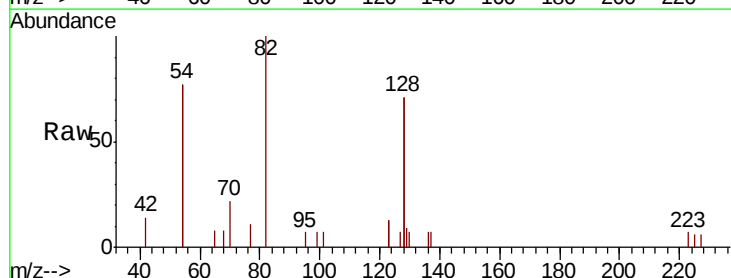
Tgt Ion: 82 Resp: 1631

Ion Ratio Lower Upper

82 100

128 141.1 116.6 175.0

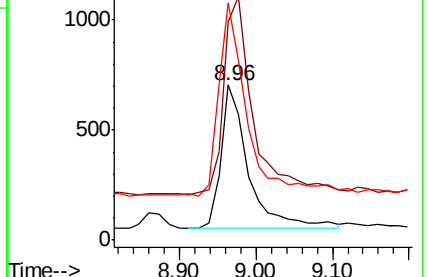
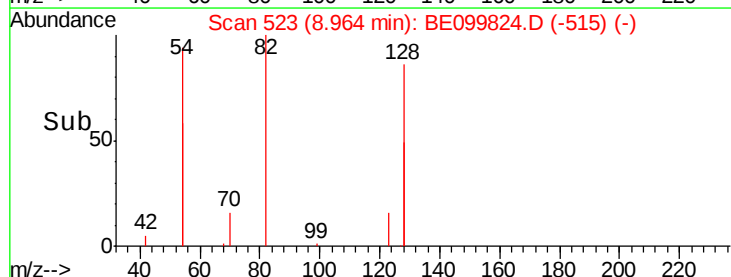
54 153.3 136.2 204.4

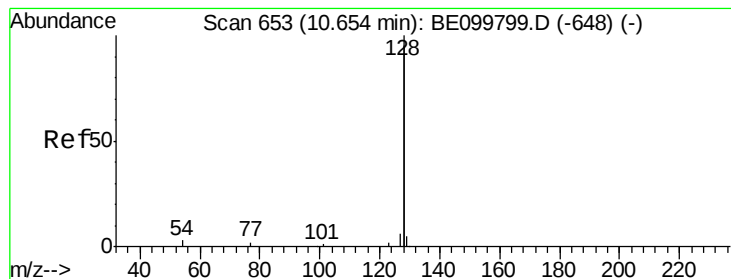


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.367 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

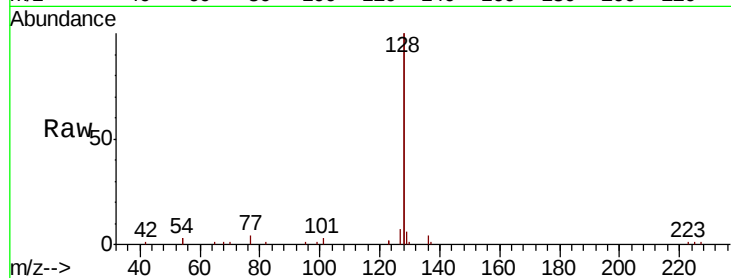
Tgt Ion:128 Resp: 19515

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

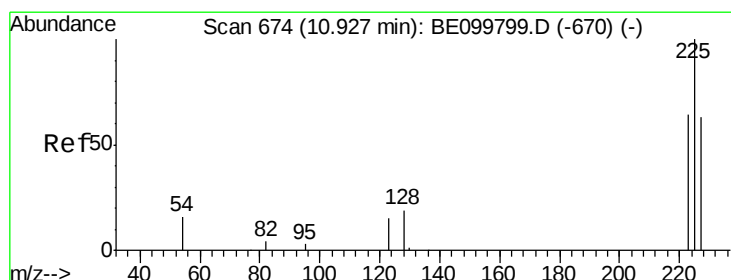
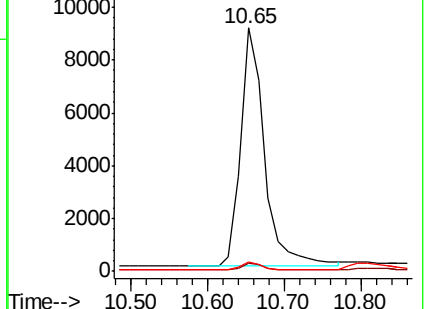
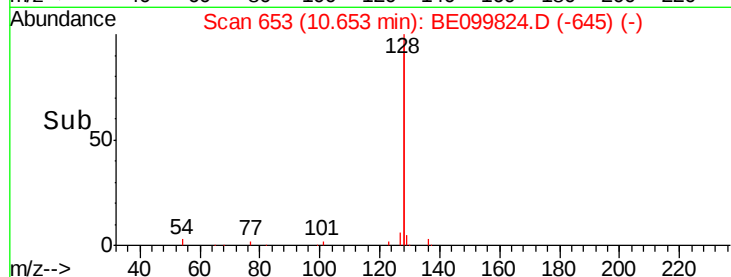
127 3.7 3.0 4.6



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: 0.357 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

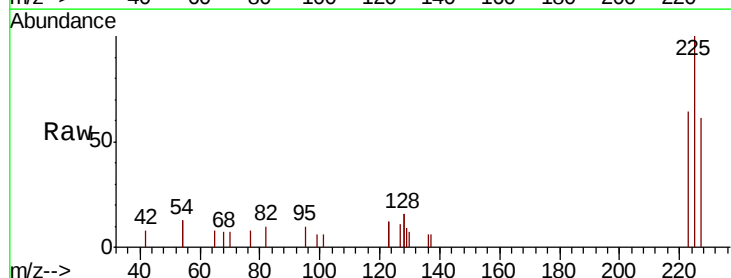
Tgt Ion:225 Resp: 1447

Ion Ratio Lower Upper

225 100

223 65.1 48.6 72.8

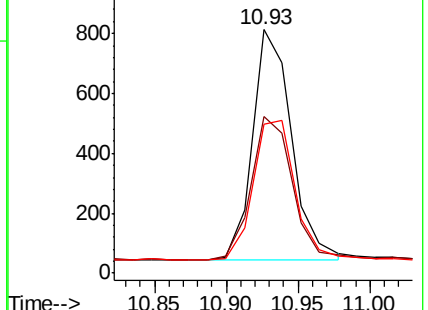
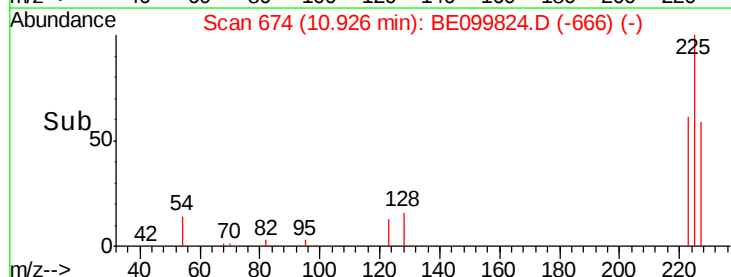
227 66.2 51.6 77.4

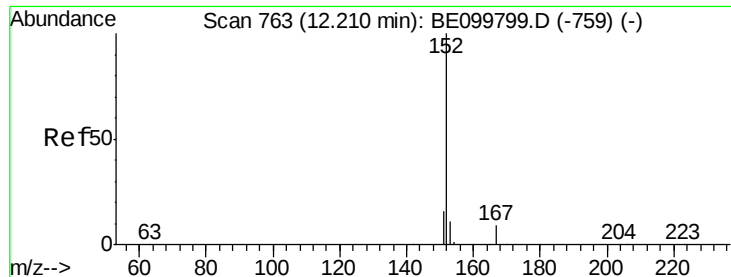


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

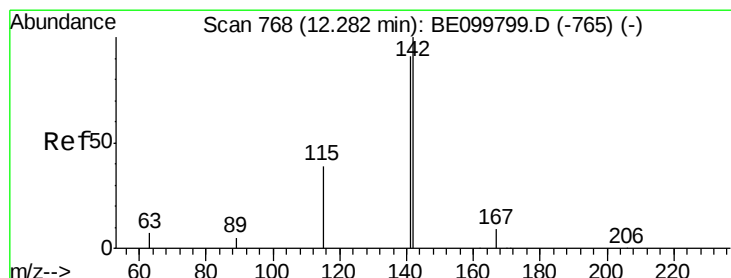
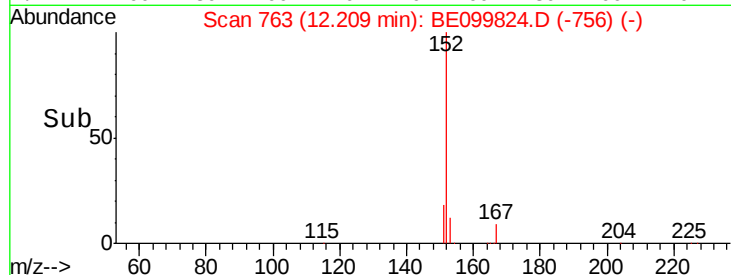
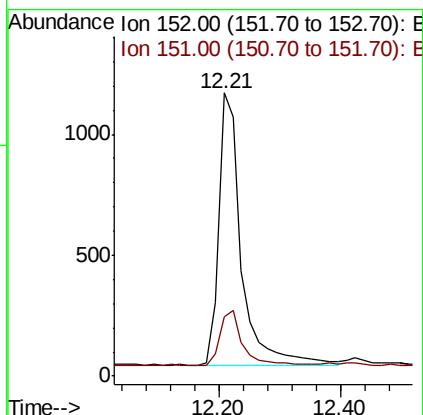
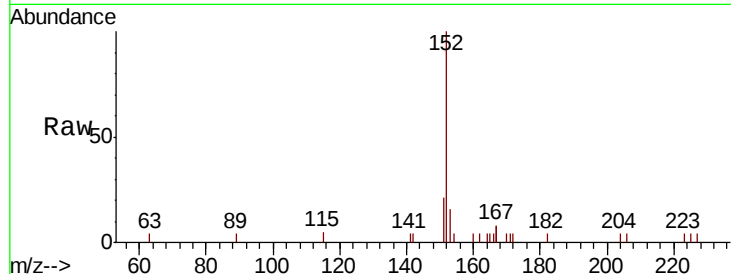




#11
 2-Methylnaphthalene-d10
 Concen: 0.341 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099824.D
 Acq: 6 Jun 2019 16:35

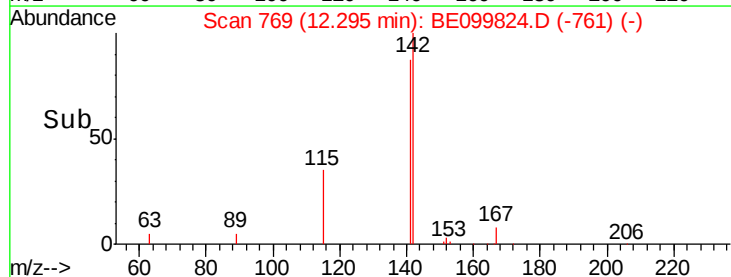
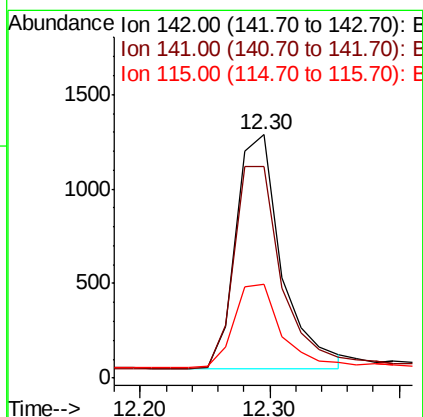
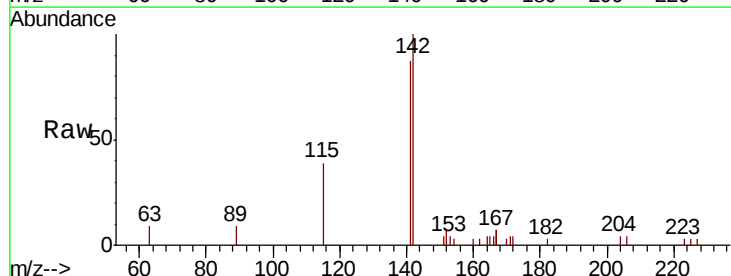
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

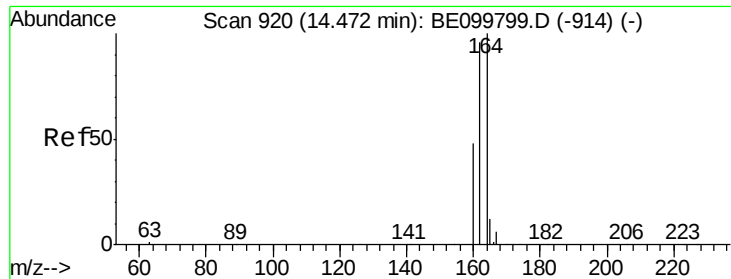
Tgt Ion:152 Resp: 2914
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.356 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BE099824.D
 Acq: 6 Jun 2019 16:35

Tgt Ion:142 Resp: 3016
 Ion Ratio Lower Upper
 142 100
 141 86.8 73.3 109.9
 115 38.5 33.4 50.2

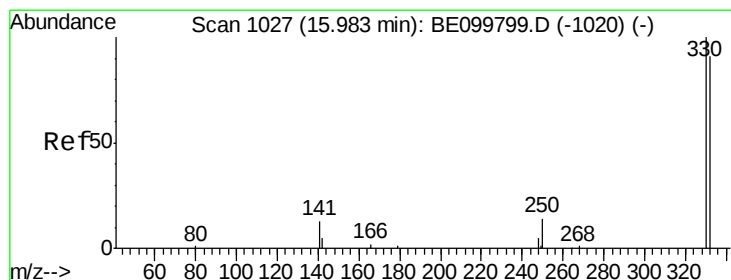
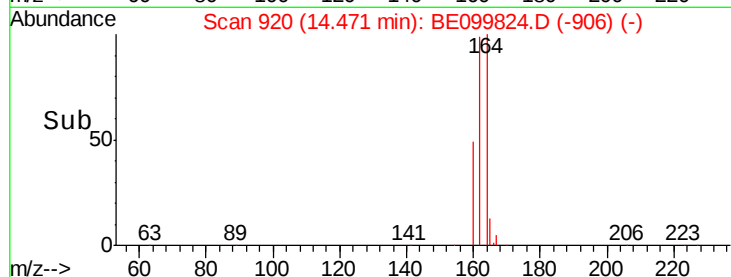
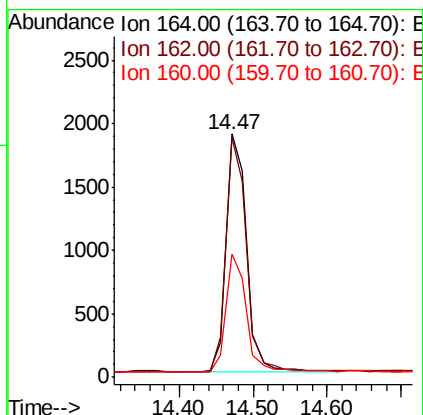
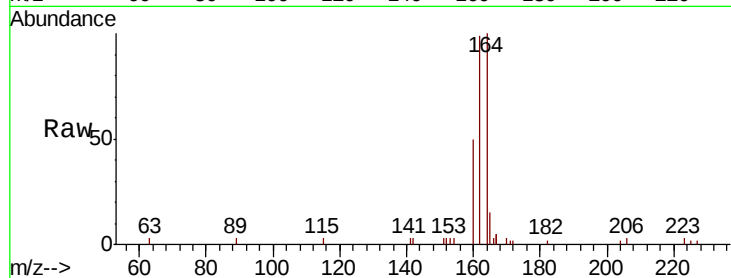




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099824.D
 Acq: 6 Jun 2019 16:35

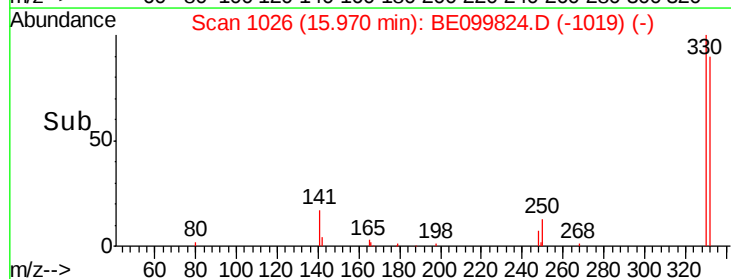
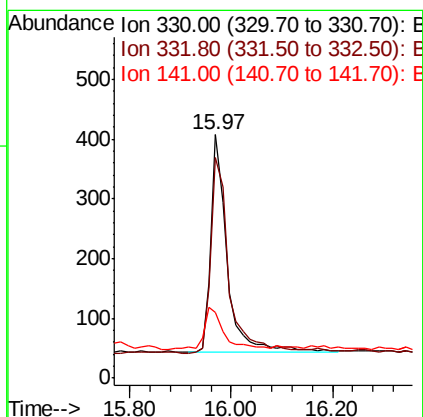
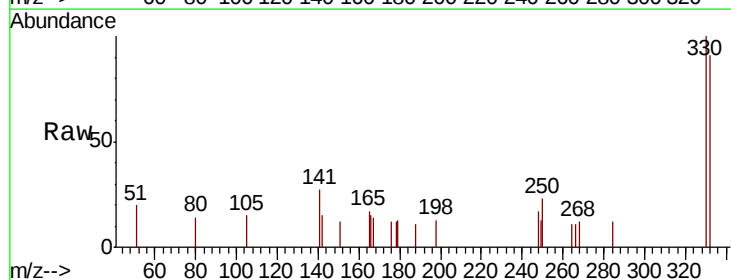
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

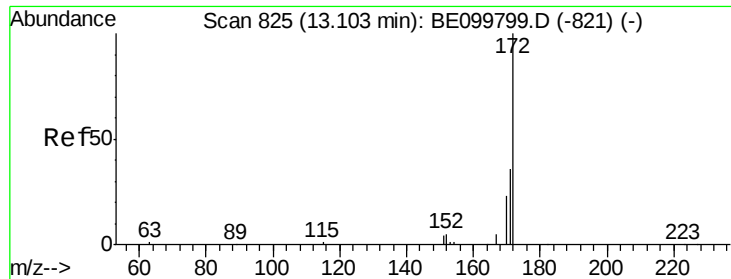
Tgt Ion:164 Resp: 3574
 Ion Ratio Lower Upper
 164 100
 162 98.6 77.2 115.8
 160 50.4 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.430 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099824.D
 Acq: 6 Jun 2019 16:35

Tgt Ion:330 Resp: 808
 Ion Ratio Lower Upper
 330 100
 332 101.1 74.9 112.3
 141 19.7 16.0 24.0

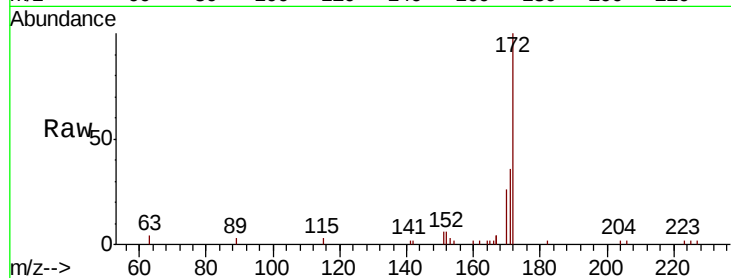




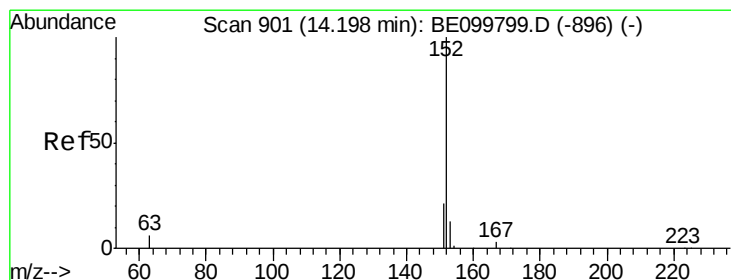
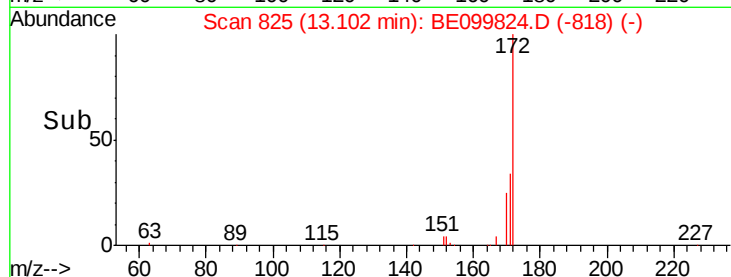
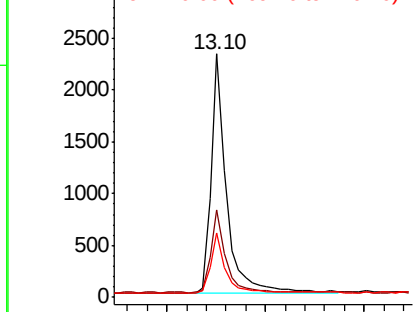
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099824.D
Acq: 6 Jun 2019 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4954
Ion Ratio Lower Upper
172 100
171 35.9 30.2 45.4
170 26.3 20.1 30.1

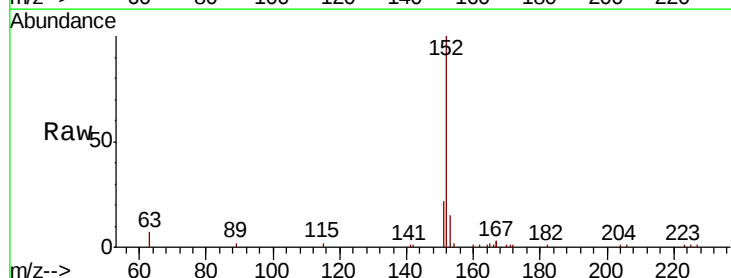


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

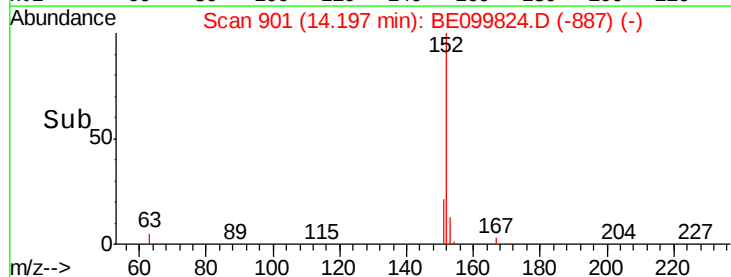
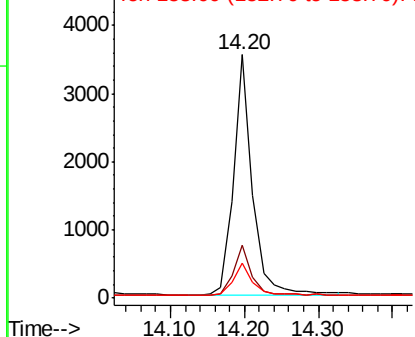


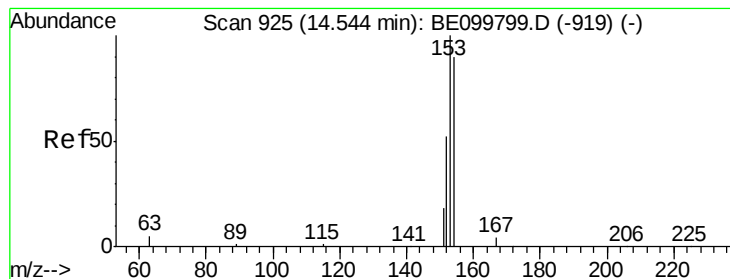
#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099824.D
Acq: 6 Jun 2019 16:35

Tgt Ion:152 Resp: 6173
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.3 10.8 16.2



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: 0.364 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

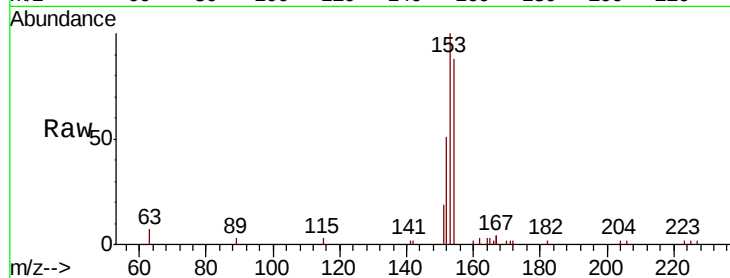
Tgt Ion:154 Resp: 3432

Ion Ratio Lower Upper

154 100

153 117.2 93.8 140.6

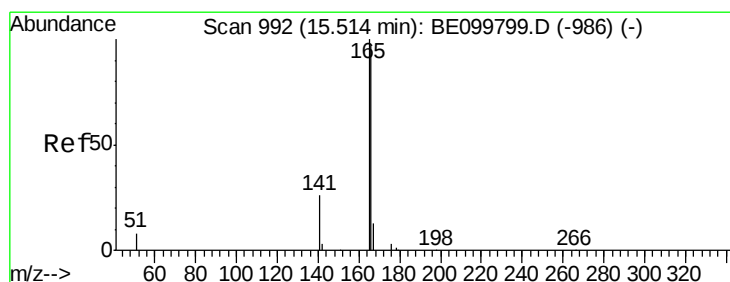
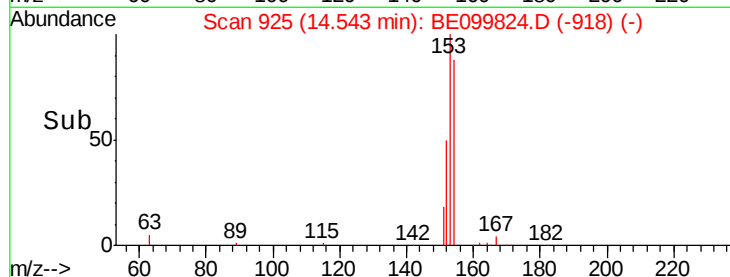
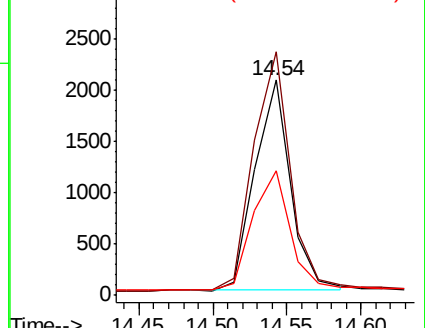
152 59.6 48.3 72.5



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: 0.366 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

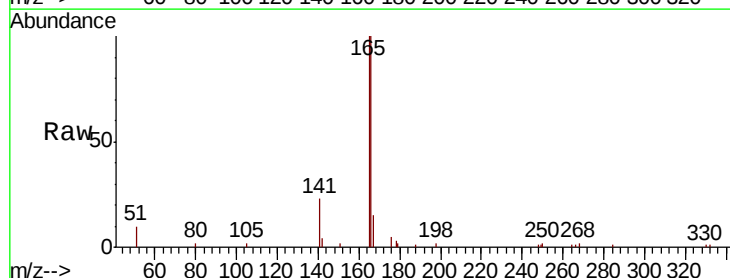
Tgt Ion:166 Resp: 5091

Ion Ratio Lower Upper

166 100

165 101.9 80.4 120.6

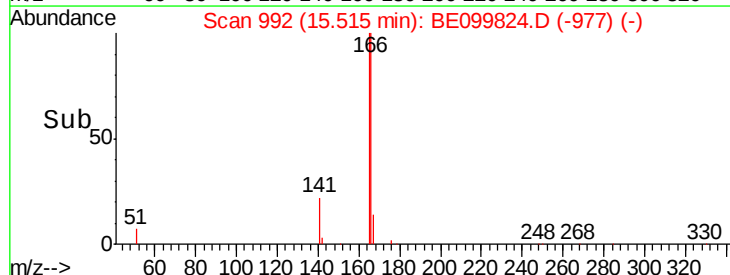
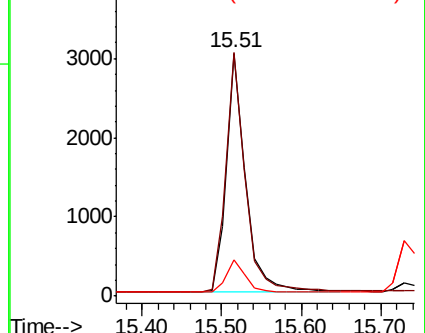
167 13.9 10.7 16.1

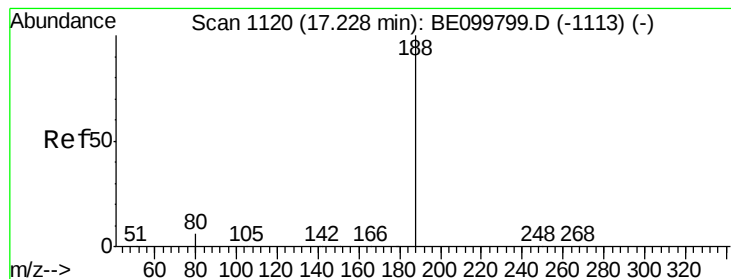


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

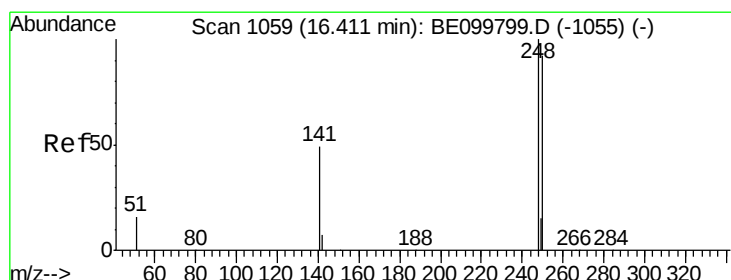
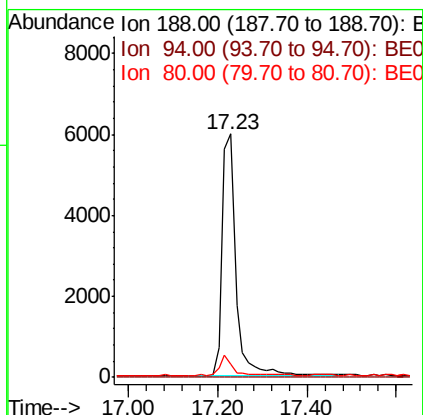
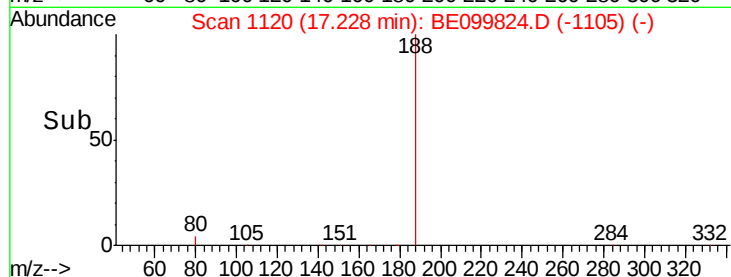
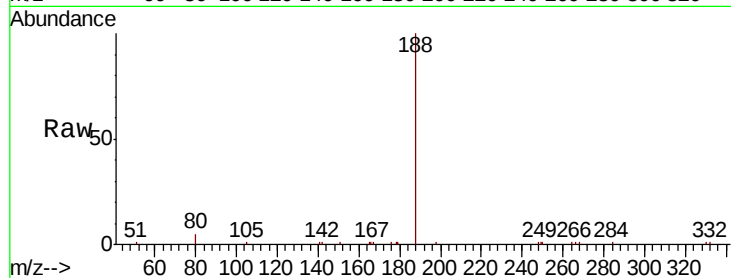
Tgt Ion:188 Resp: 12820

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.2 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.331 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

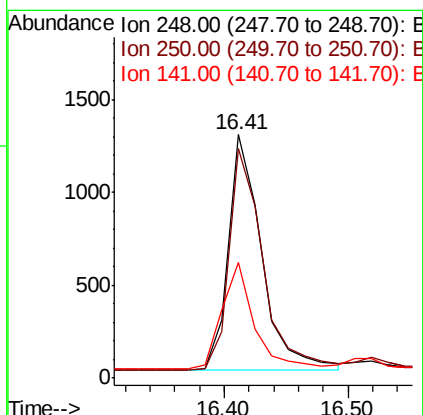
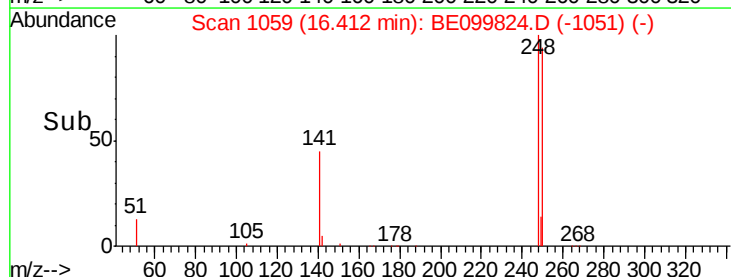
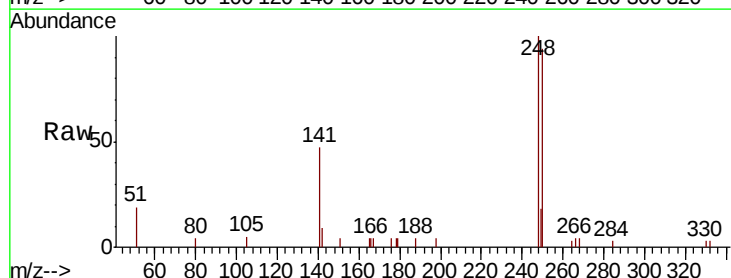
Tgt Ion:248 Resp: 2364

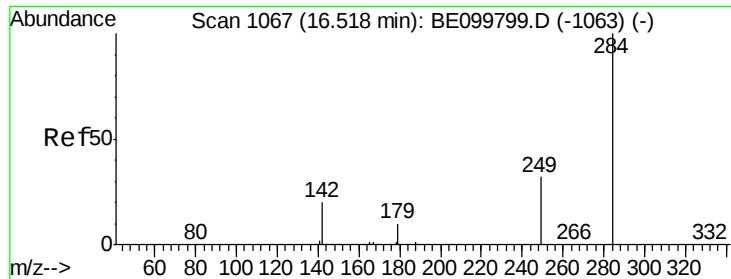
Ion Ratio Lower Upper

248 100

250 94.1 73.7 110.5

141 47.3 40.9 61.3

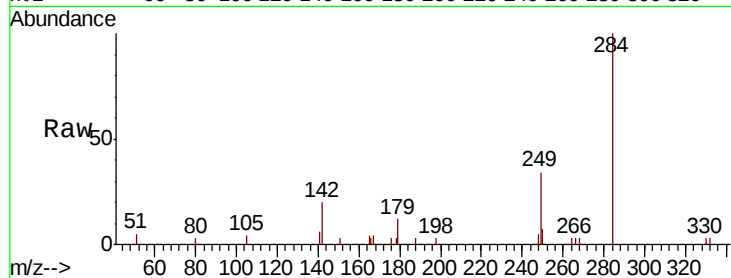




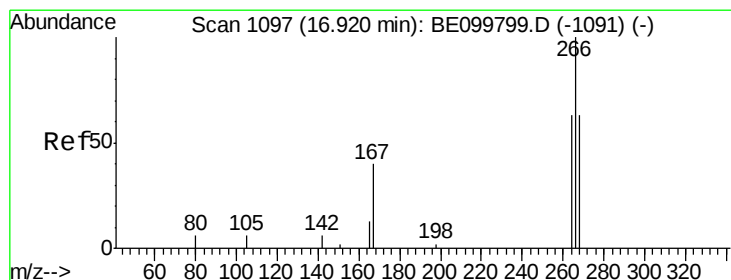
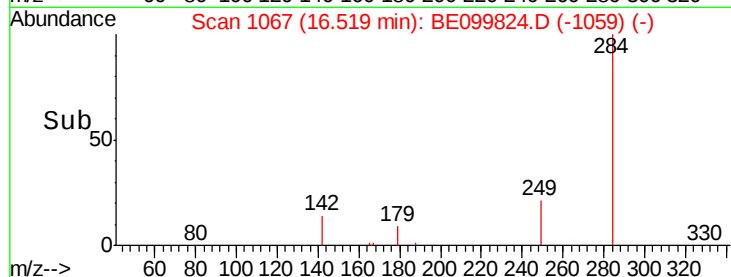
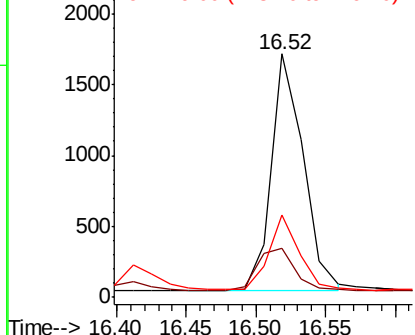
#21
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099824.D
Acq: 6 Jun 2019 16:35

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 2676
Ion Ratio Lower Upper
284 100
142 20.7 16.2 24.4
249 29.0 23.1 34.7

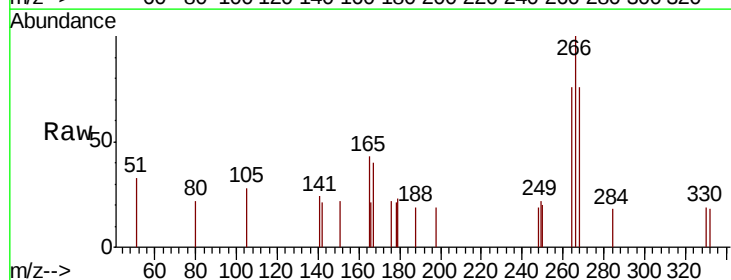


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

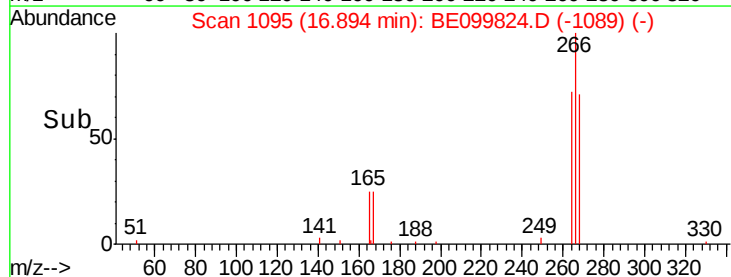
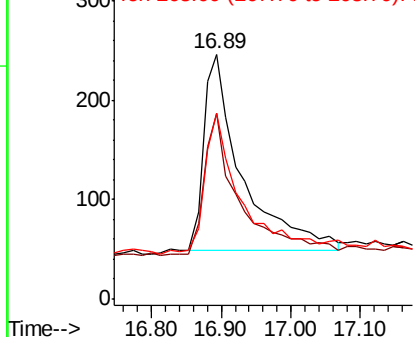


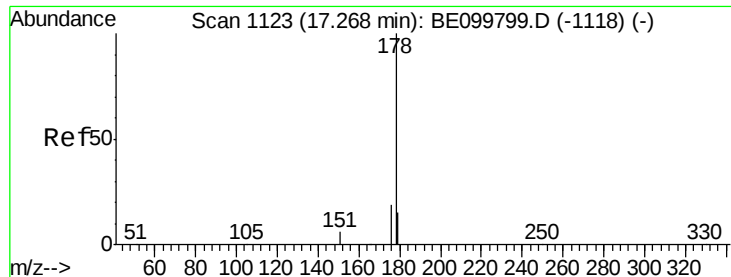
#22
Pentachlorophenol
Concen: 0.576 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BE099824.D
Acq: 6 Jun 2019 16:35

Tgt Ion: 266 Resp: 763
Ion Ratio Lower Upper
266 100
264 76.0 64.9 97.3
268 76.0 64.0 96.0



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: 0.359 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

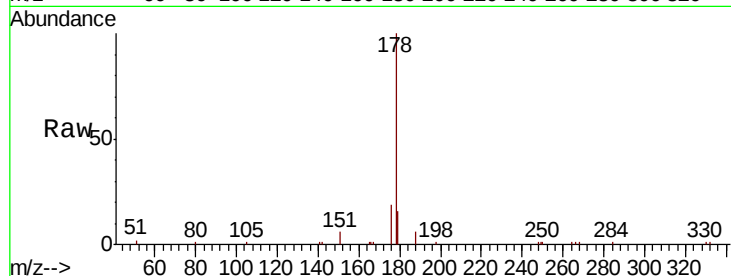
Tgt Ion:178 Resp: 10978

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

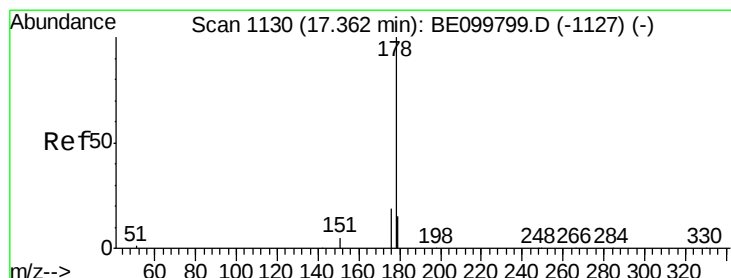
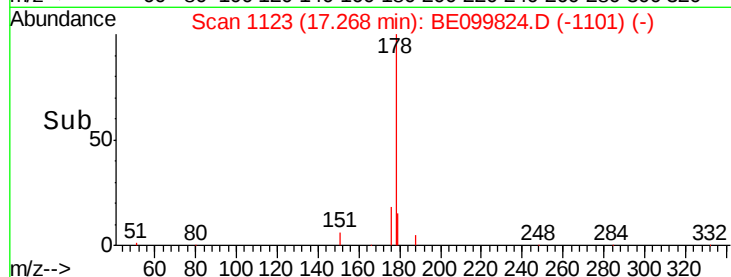
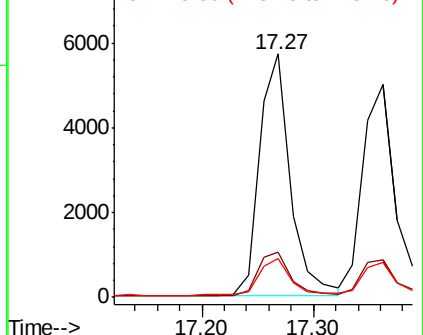
179 15.5 12.5 18.7



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: 0.350 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

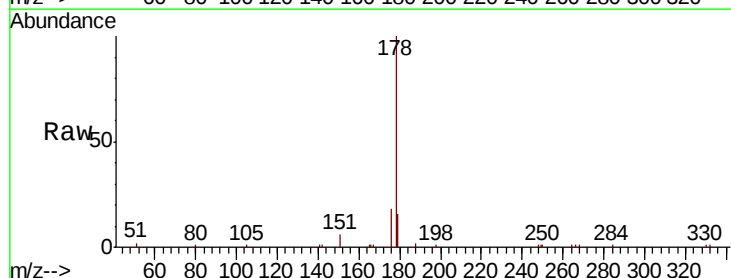
Tgt Ion:178 Resp: 9687

Ion Ratio Lower Upper

178 100

176 17.3 15.1 22.7

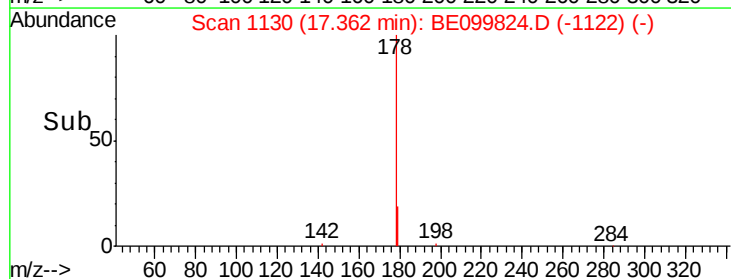
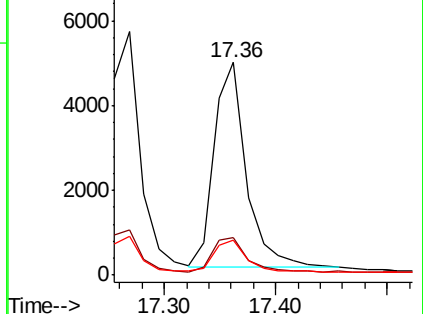
179 14.9 12.1 18.1

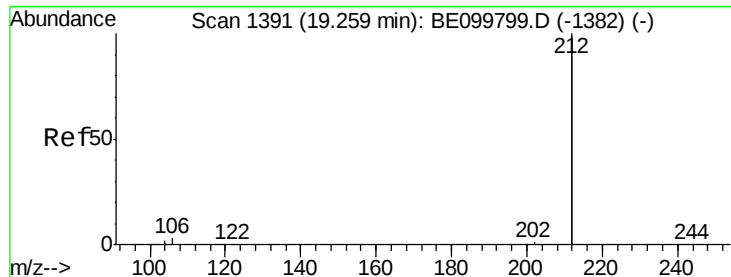


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

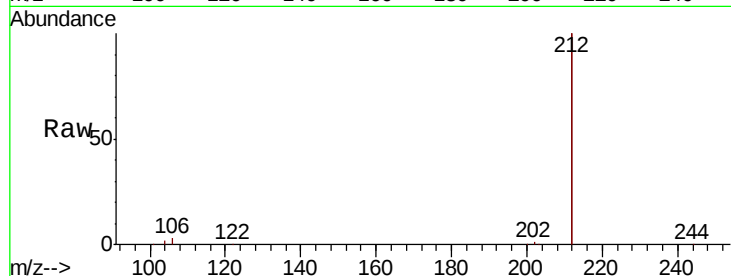
Tgt Ion:212 Resp: 66247

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

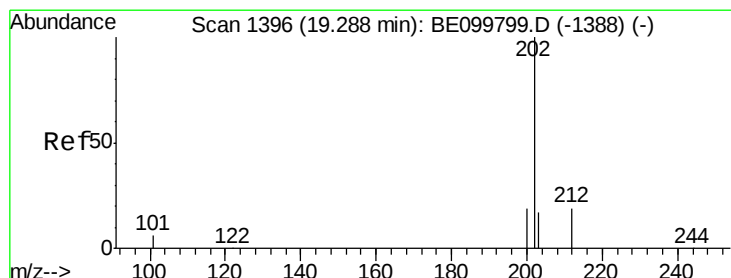
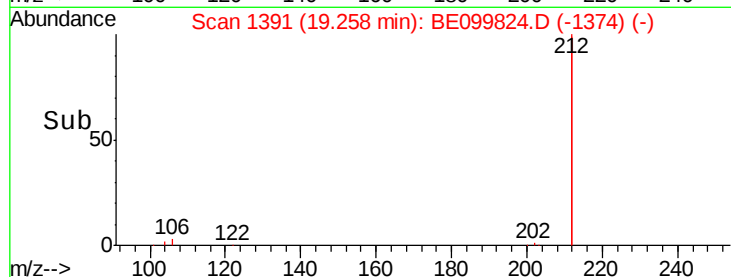
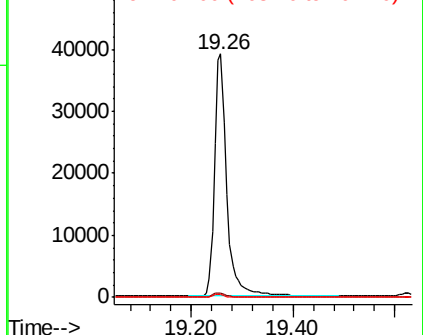
104 1.0 0.8 1.2



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: 0.360 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

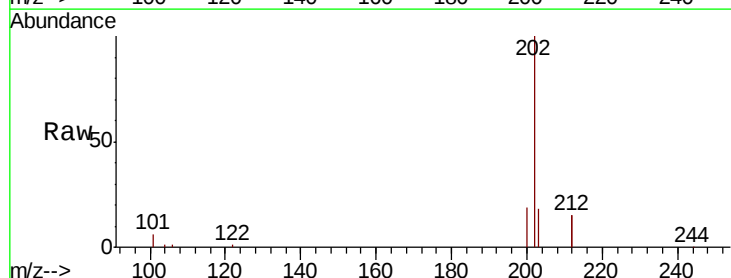
Tgt Ion:202 Resp: 19312

Ion Ratio Lower Upper

202 100

101 6.5 5.2 7.8

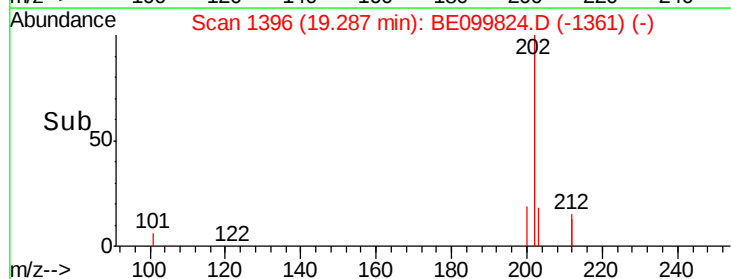
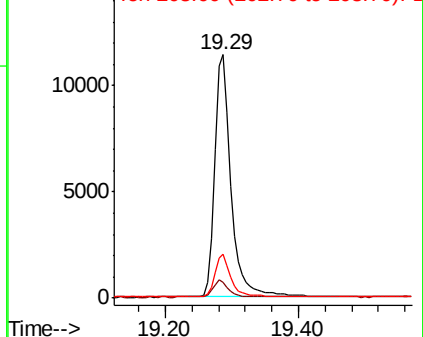
203 16.8 13.6 20.4

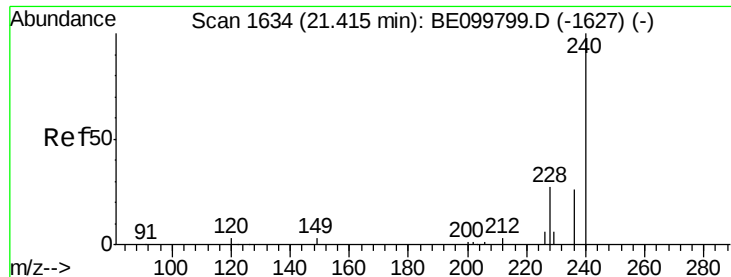


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

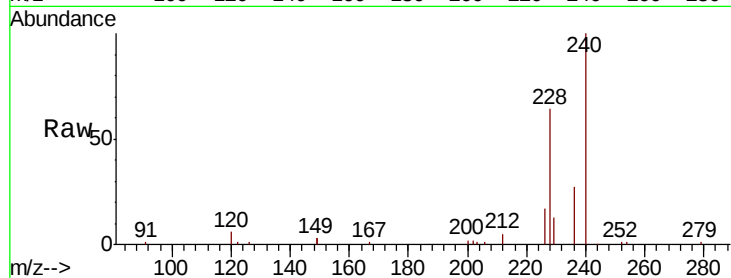
Tgt Ion:240 Resp: 20731

Ion Ratio Lower Upper

240 100

120 6.4 2.8 4.2#

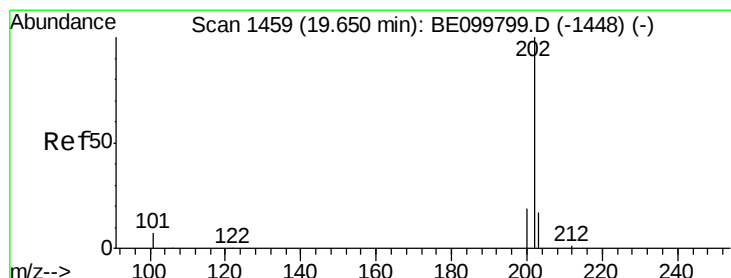
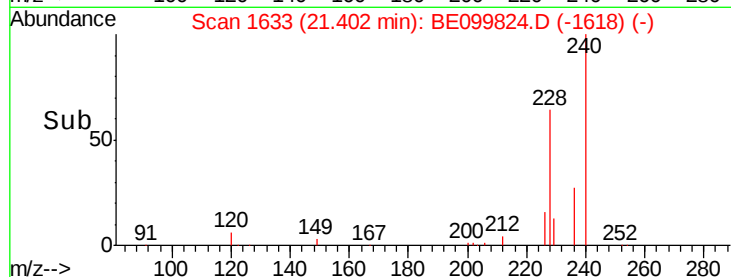
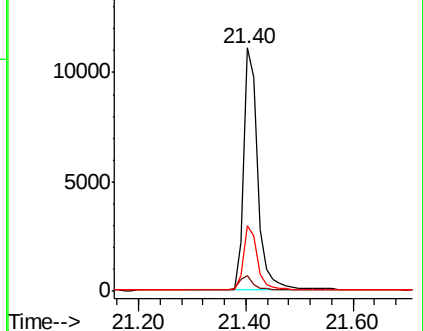
236 27.0 20.9 31.3



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: 0.404 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

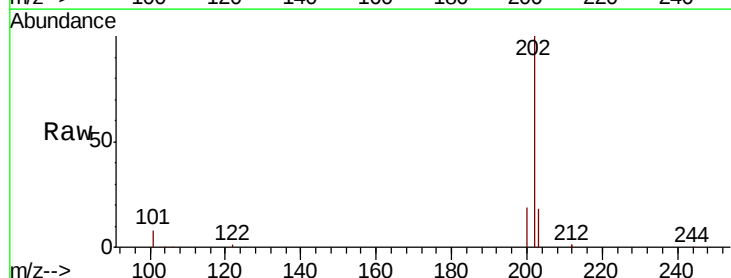
Tgt Ion:202 Resp: 20241

Ion Ratio Lower Upper

202 100

200 19.2 15.6 23.4

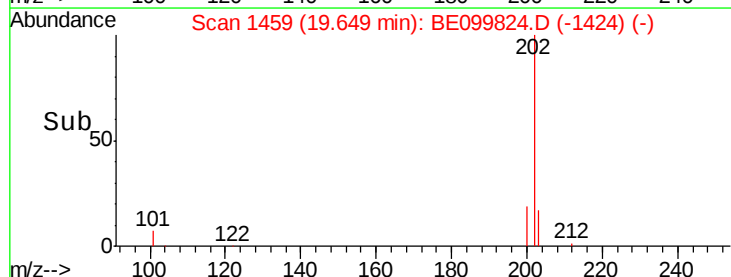
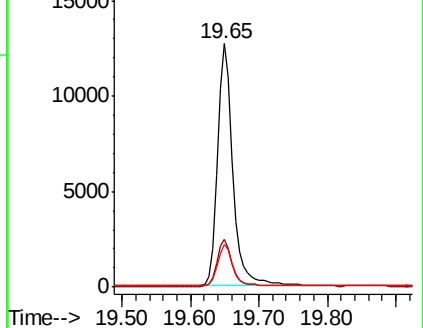
203 17.6 14.1 21.1

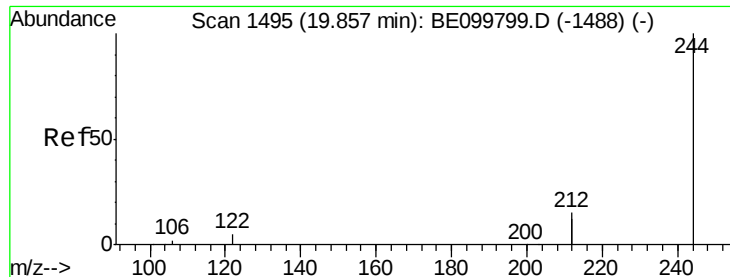


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

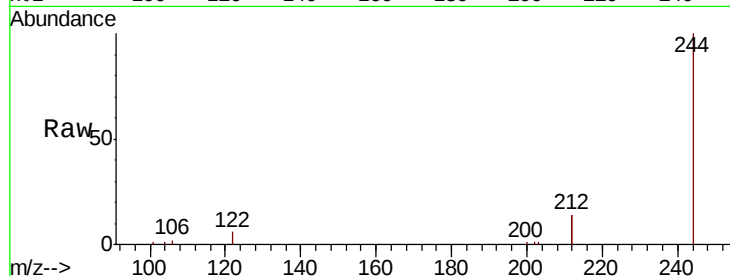
Tgt Ion:244 Resp: 14025

Ion Ratio Lower Upper

244 100

212 27.8 23.7 35.5

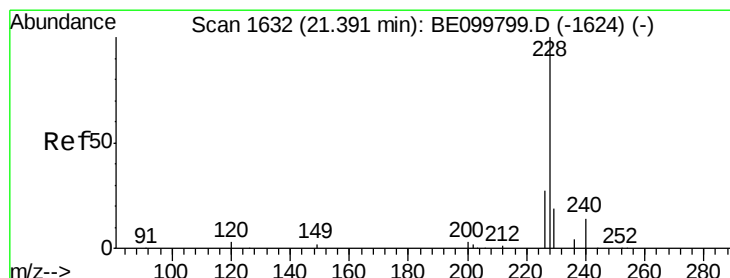
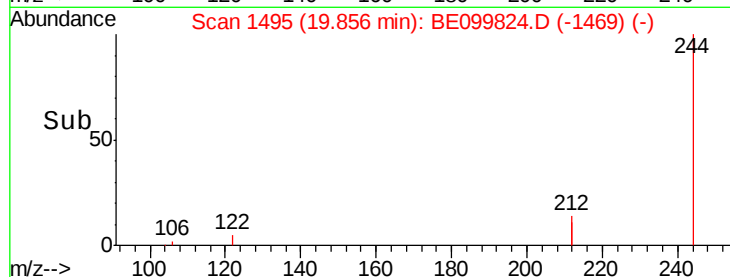
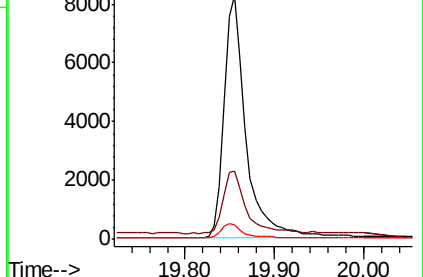
122 5.7 4.8 7.2



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: 0.394 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

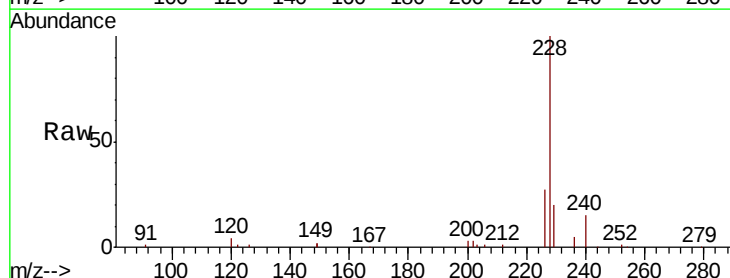
Tgt Ion:228 Resp: 22554

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

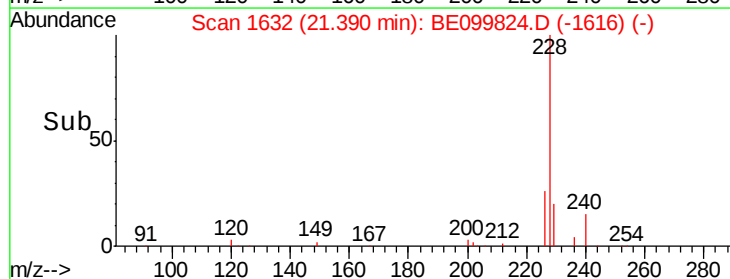
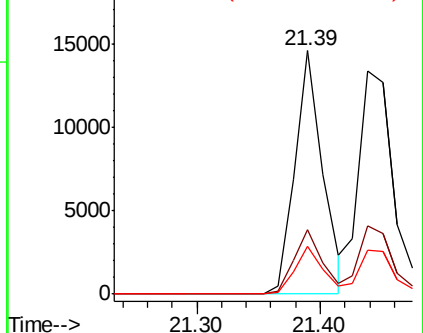
229 19.8 15.8 23.6

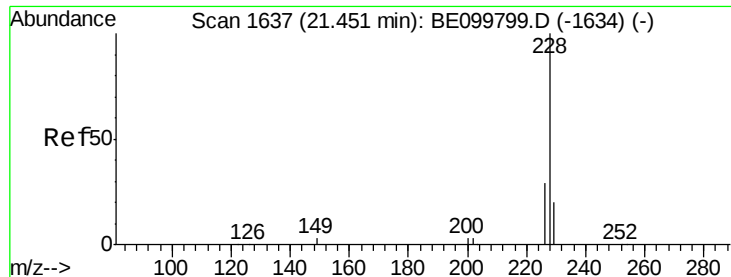


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

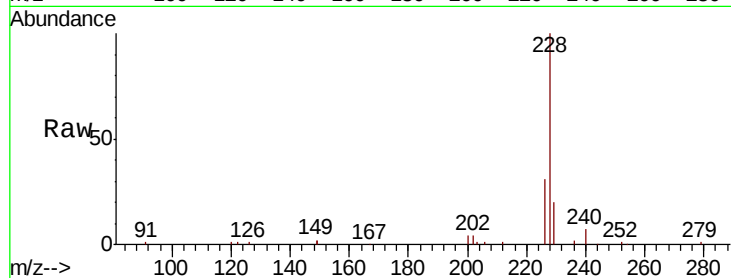
Tgt Ion:228 Resp: 25146

Ion Ratio Lower Upper

228 100

226 30.5 22.9 34.3

229 19.7 16.4 24.6

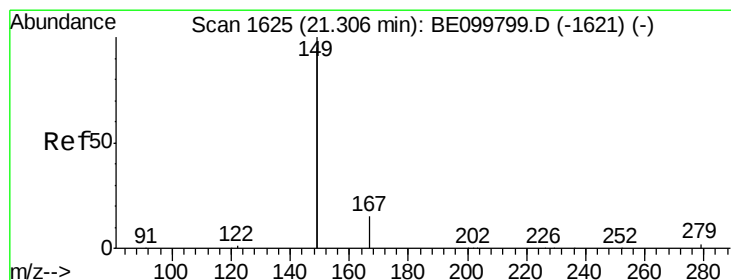
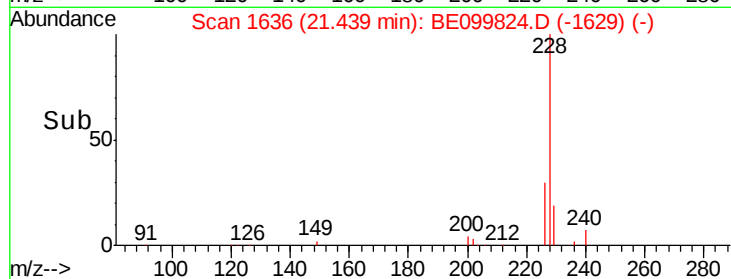
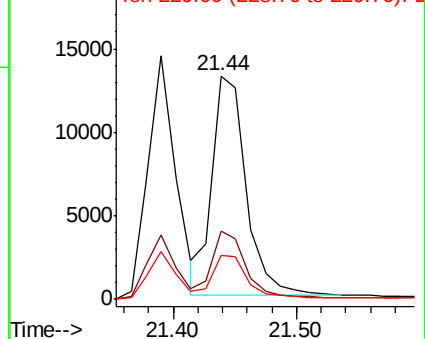


Abundance

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: 0.444 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

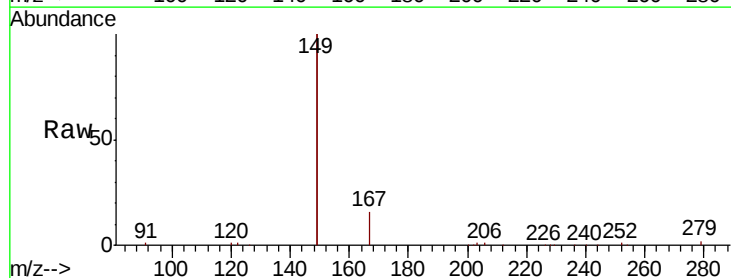
Tgt Ion:149 Resp: 29178

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

279 1.4 1.2 1.8

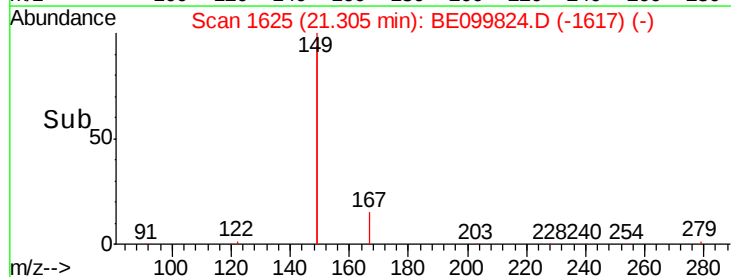
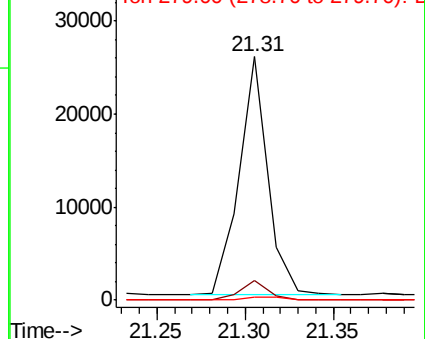


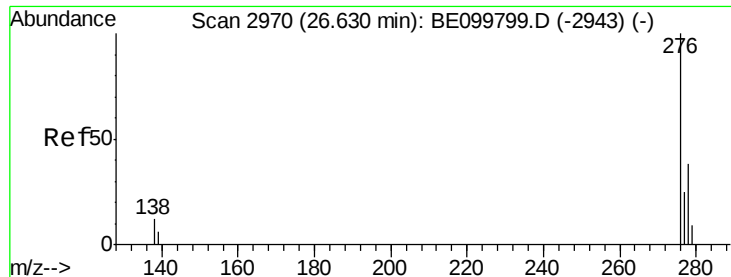
Abundance

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: 0.391 ng

RT: 26.63 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

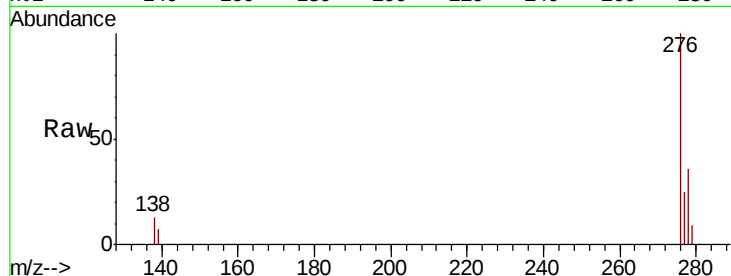
Tgt Ion:276 Resp: 29642

Ion Ratio Lower Upper

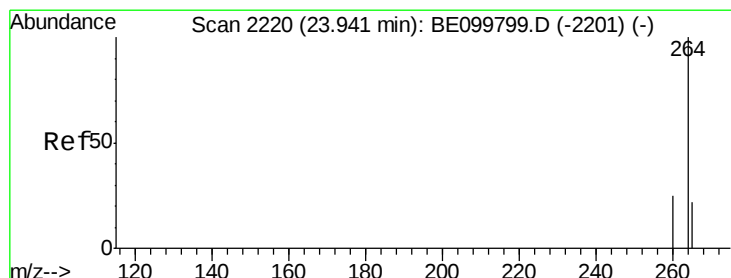
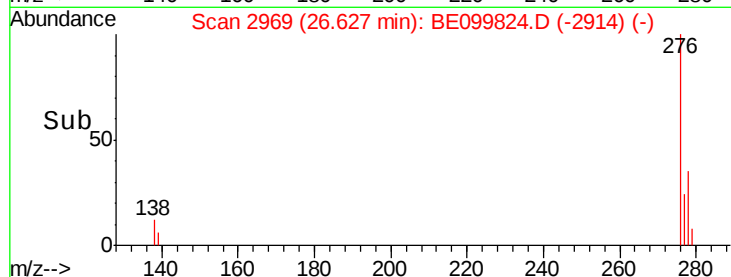
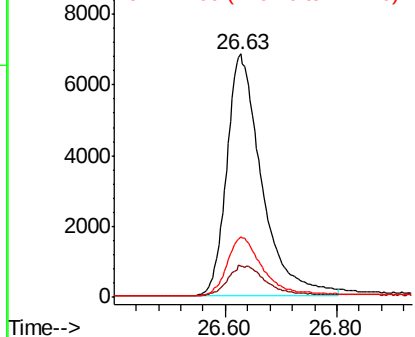
276 100

138 5.9 10.3 15.5#

277 23.8 19.4 29.2



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: BE099824.D

Acq: 6 Jun 2019 16:35

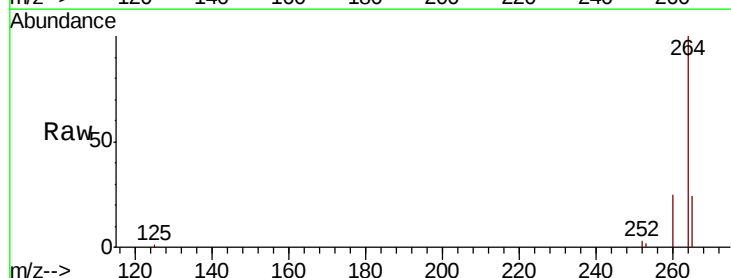
Tgt Ion:264 Resp: 24007

Ion Ratio Lower Upper

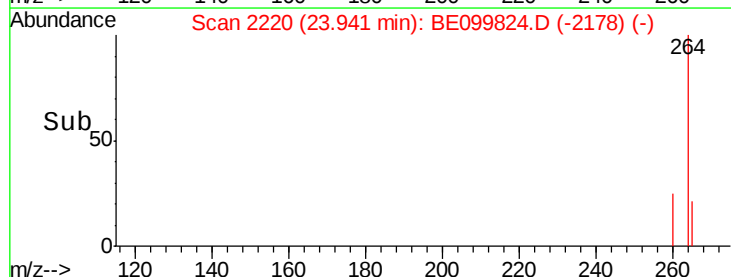
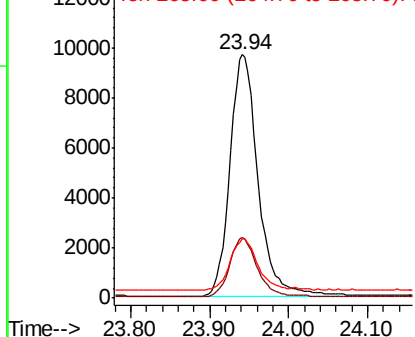
264 100

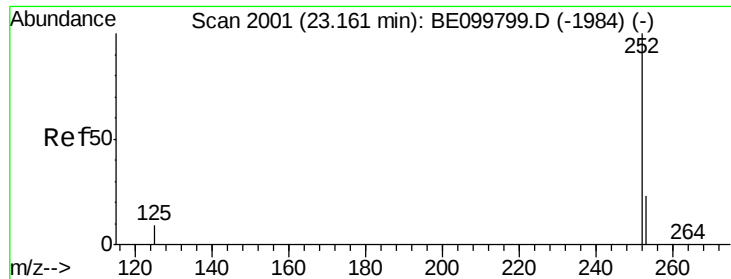
260 25.1 20.0 30.0

265 24.4 20.7 31.1



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: 0.370 ng

RT: 23.16 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

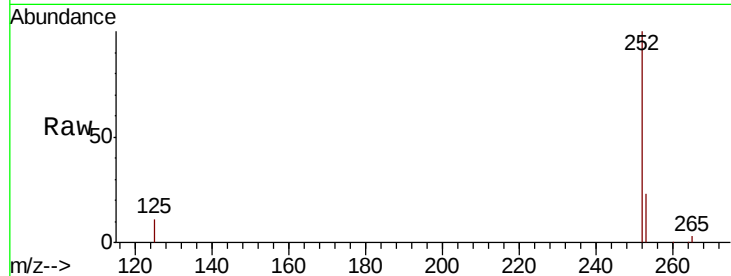
Tgt Ion:252 Resp: 24585

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

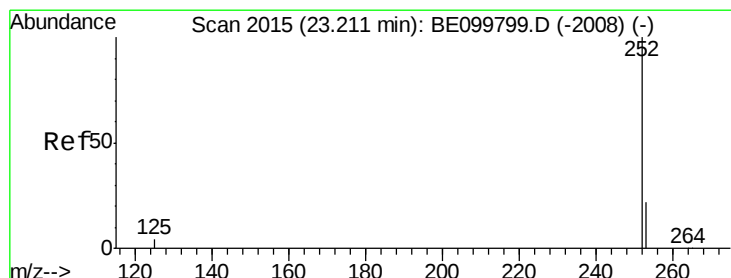
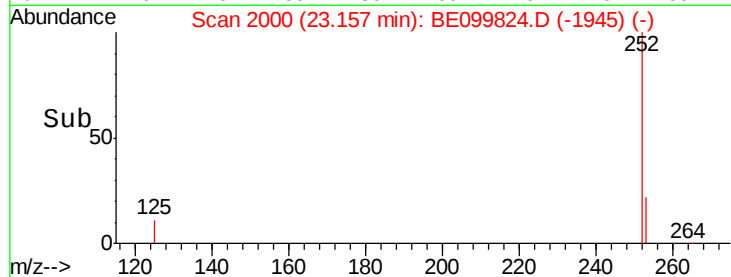
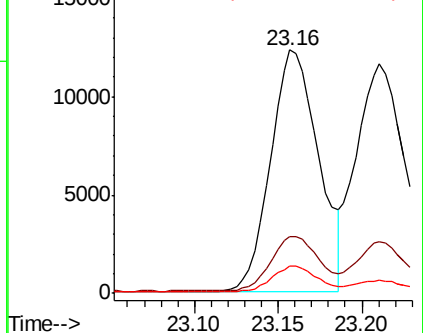
125 11.4 7.6 11.4



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



#36

Benzo(k)fluoranthene

Concen: 0.369 ng

RT: 23.21 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

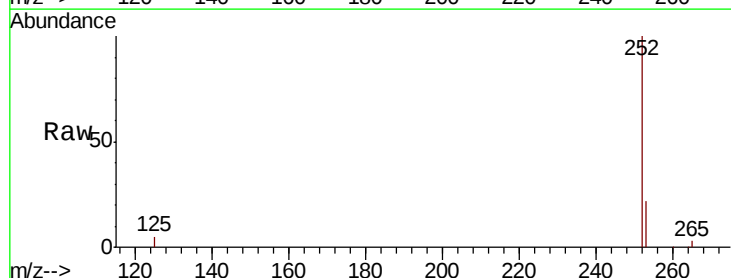
Tgt Ion:252 Resp: 26000

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

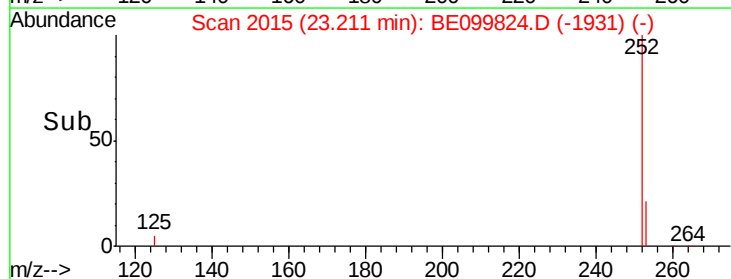
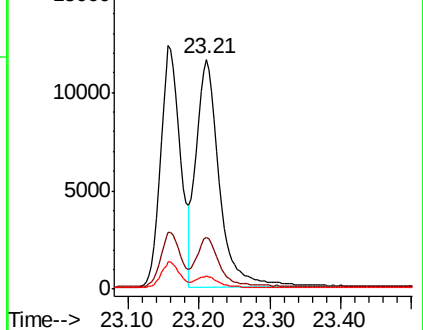
125 5.5 4.6 7.0

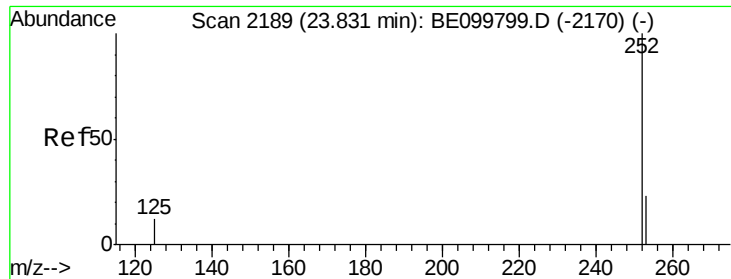


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

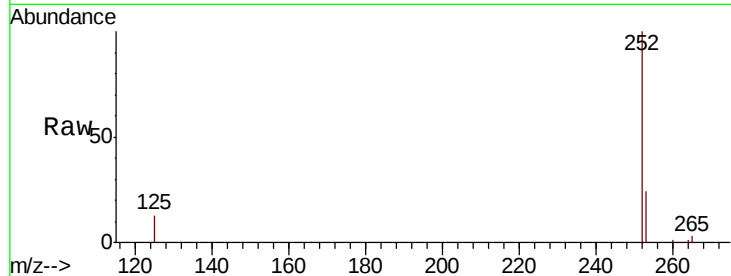
Tgt Ion: 252 Resp: 23999

Ion Ratio Lower Upper

252 100

253 24.3 19.3 28.9

125 13.2 10.2 15.4

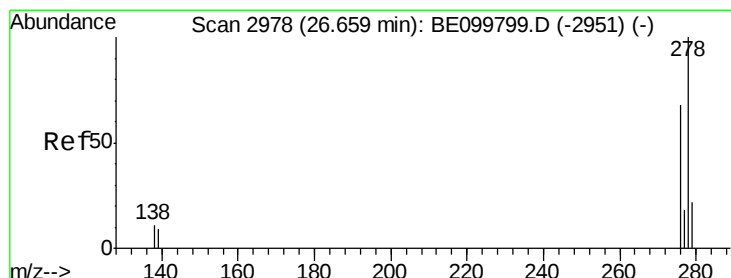
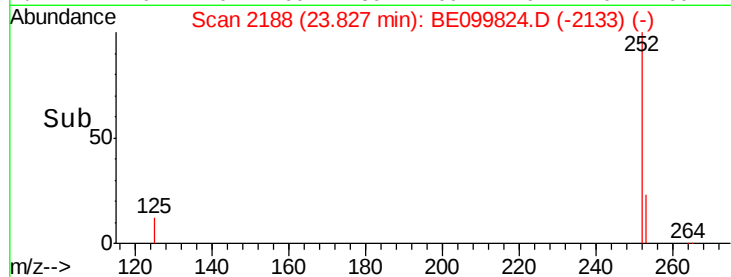
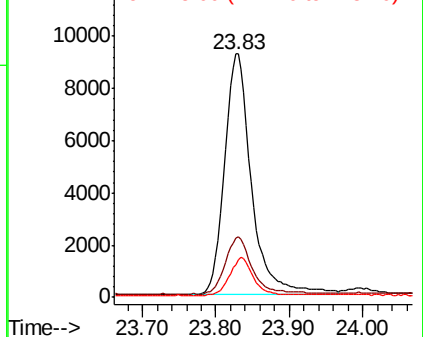


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.365 ng

RT: 26.66 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BE099824.D

Acq: 6 Jun 2019 16:35

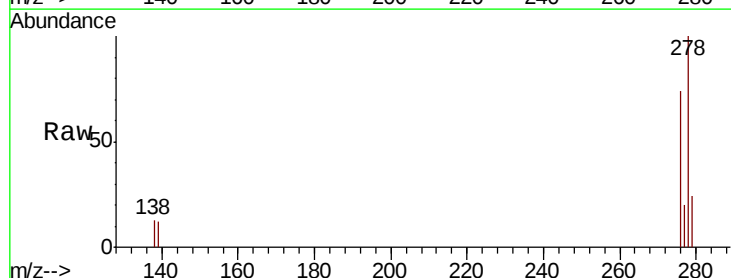
Tgt Ion: 278 Resp: 23907

Ion Ratio Lower Upper

278 100

139 11.5 7.9 11.9

279 24.2 18.5 27.7

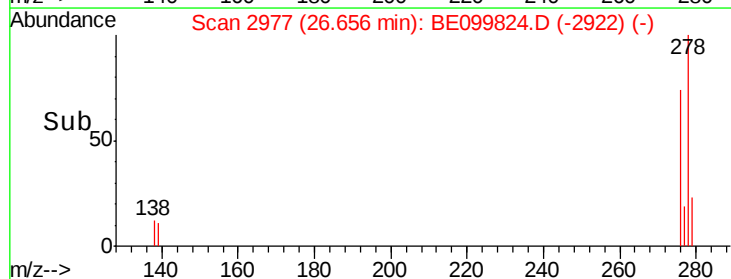
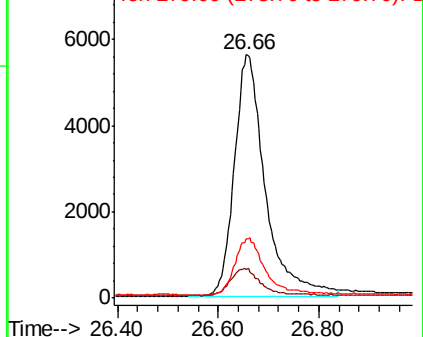


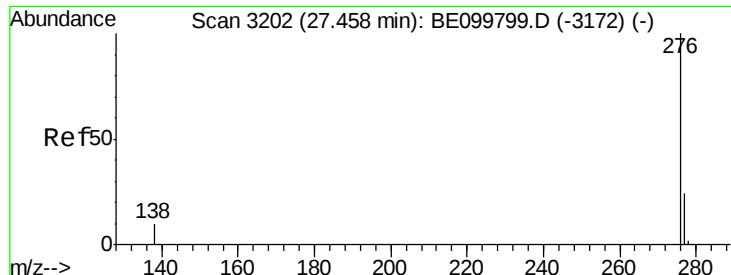
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.358 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099824.D

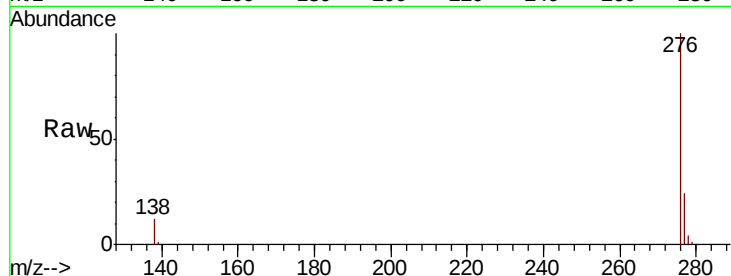
Acq: 6 Jun 2019 16:35

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 24635

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 11.9 9.0 13.4

Abundance Ion 276.00 (275.70 to 276.70): E
 8000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

