

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
 Data File : BE099274.D
 Acq On : 2 Apr 2019 14:29
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Apr 02 15:48:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 14:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3408	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	12187	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8472	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24882	0.40	ng	0.00
27) Chrysene-d12	21.37	240	37401	0.40	ng	0.00
34) Perylene-d12	23.86	264	37573	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	13786	1.35	ng	0.00
5) Phenol-d6	6.97	99	19193	1.23	ng	0.00
8) Nitrobenzene-d5	8.96	82	13634	1.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	34162	1.45	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	6437	2.15	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	53632	1.55	ng	0.00
25) Fluoranthene-d10	19.22	212	523498	1.74	ng	0.00
29) Terphenyl-d14	19.81	244	108667	1.34	ng	0.00

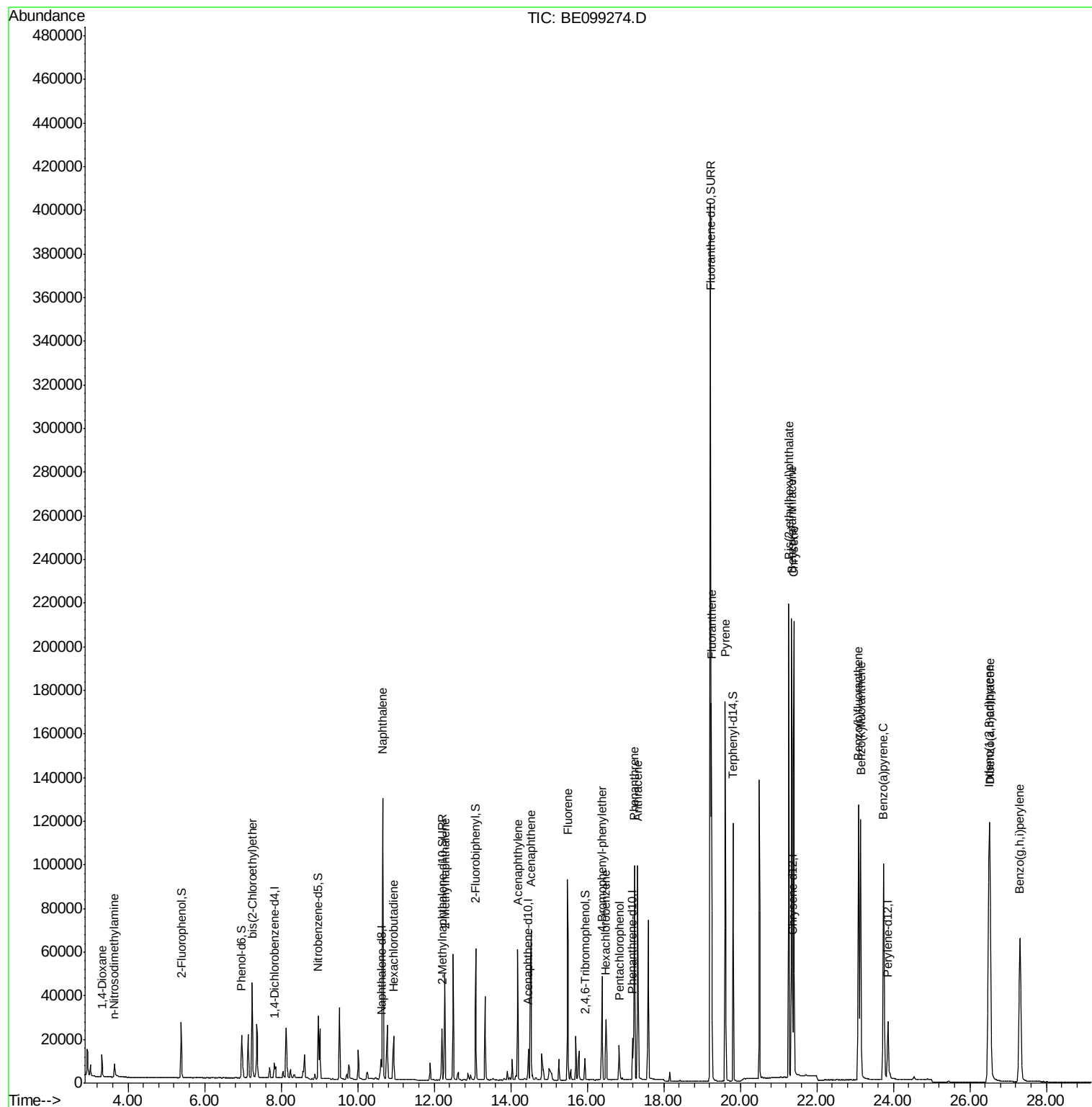
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	7089	1.577	ng	# 90
3) n-Nitrosodimethylamine	3.64	42	4245	1.688	ng	# 92
6) bis(2-Chloroethyl)ether	7.24	93	17303	1.415	ng	99
9) Naphthalene	10.65	128	214910	1.495	ng	100
10) Hexachlorobutadiene	10.94	225	13756	1.796	ng	99
12) 2-Methylnaphthalene	12.28	142	36458	1.419	ng	98
16) Acenaphthylene	14.18	152	65622	1.519	ng	99
17) Acenaphthene	14.53	154	38160	1.477	ng	99
18) Fluorene	15.49	166	55422	1.526	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	22836	1.422	ng	96
21) Hexachlorobenzene	16.49	284	21554	1.390	ng	99
22) Pentachlorophenol	16.84	266	8752	4.281	ng	94
23) Phenanthrene	17.23	178	103982	1.423	ng	100
24) Anthracene	17.32	178	97954	1.484	ng	100
26) Fluoranthene	19.25	202	152748	1.638	ng	100
28) Pyrene	19.61	202	156730	1.261	ng	100
30) Benzo(a)anthracene	21.34	228	181102	1.467	ng	100
31) Chrysene	21.40	228	188568	1.430	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	221863	1.507	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	205261	1.644	ng	99
35) Benzo(b)fluoranthene	23.09	252	179860	1.455	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	174405	1.334	ng	99
37) Benzo(a)pyrene	23.74	252	166529	1.442	ng	# 96
38) Dibenzo(a,h)anthracene	26.53	278	170248	1.660	ng	# 98
39) Benzo(g,h,i)perylene	27.31	276	167954	1.633	ng	99

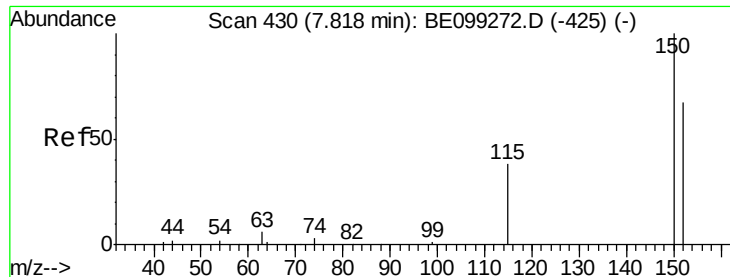
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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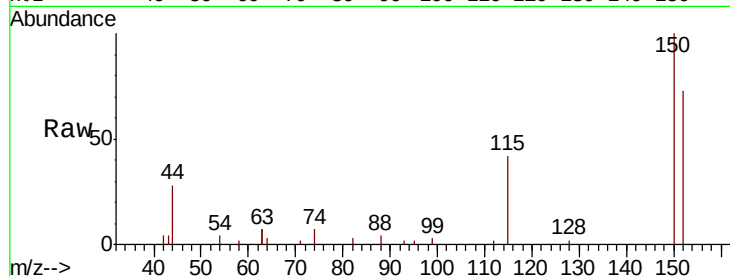


#1

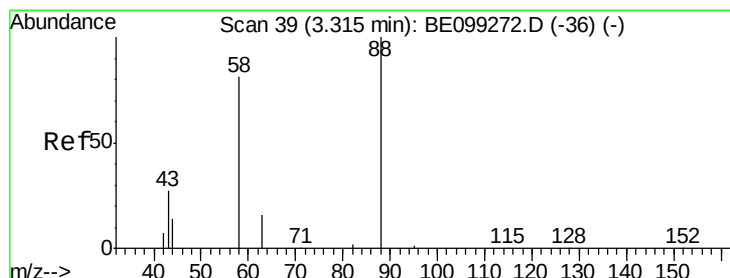
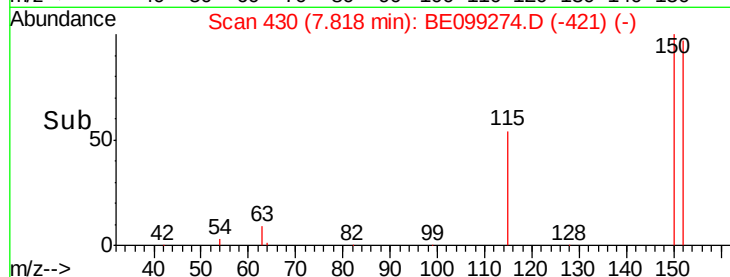
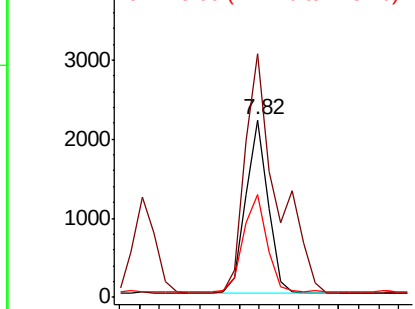
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099274.D
Acq: 2 Apr 2019 14:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 3408
Ion Ratio Lower Upper
152 100
150 137.1 118.6 178.0
115 58.2 47.6 71.4



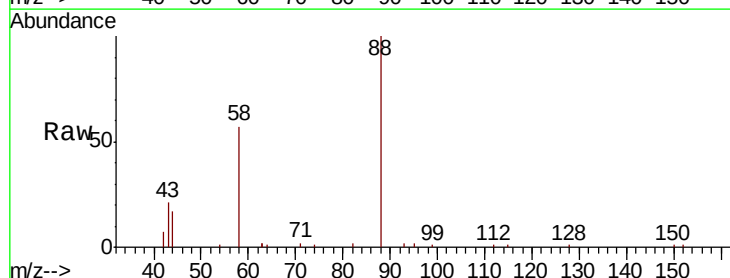
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



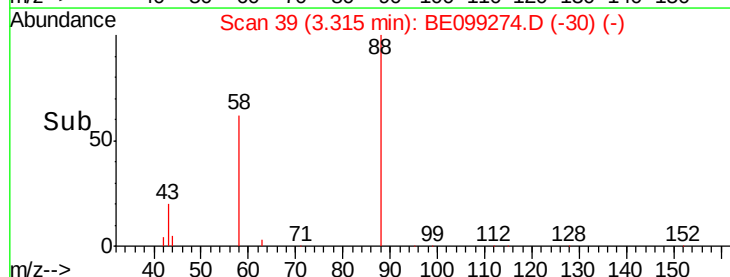
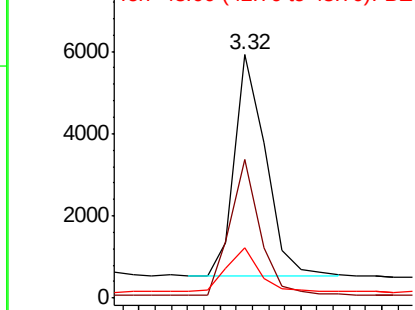
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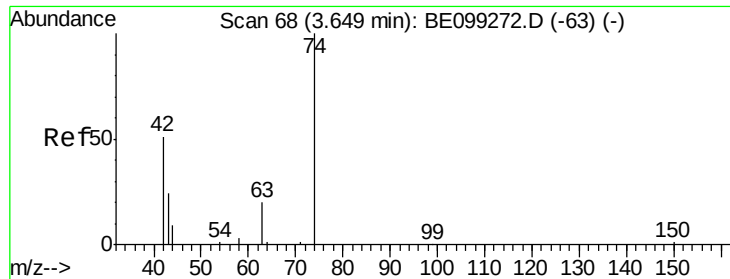
1,4-Dioxane
Concen: 1.577 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099274.D
Acq: 2 Apr 2019 14:29

Tgt Ion: 88 Resp: 7089
Ion Ratio Lower Upper
88 100
58 60.9 43.0 64.4
43 22.8 14.8 22.2



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



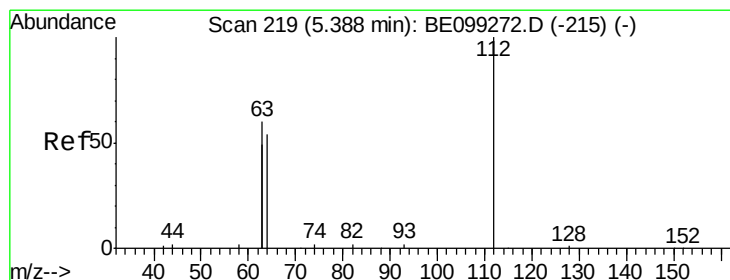
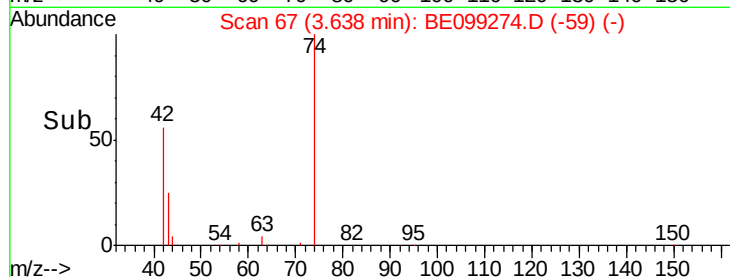
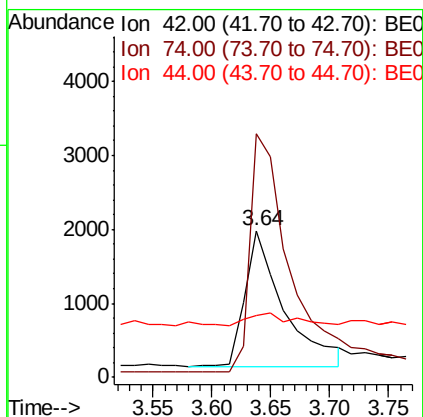
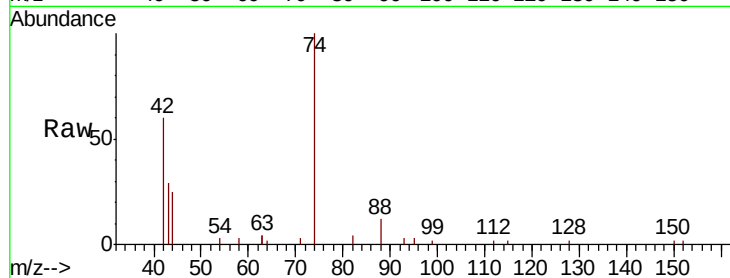


#3

n-Nitrosodimethylamine
 Concen: 1.688 ng
 RT: 3.64 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BE099274.D
 Acq: 2 Apr 2019 14:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

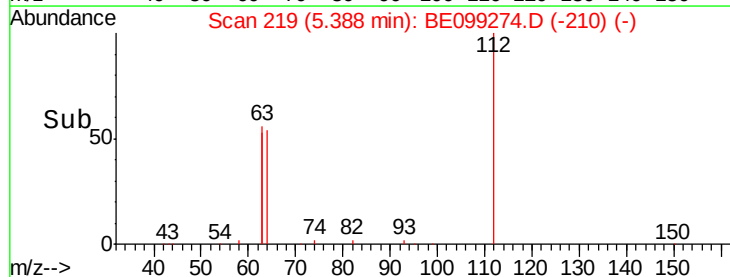
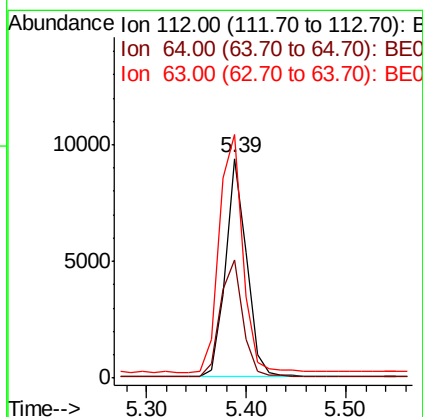
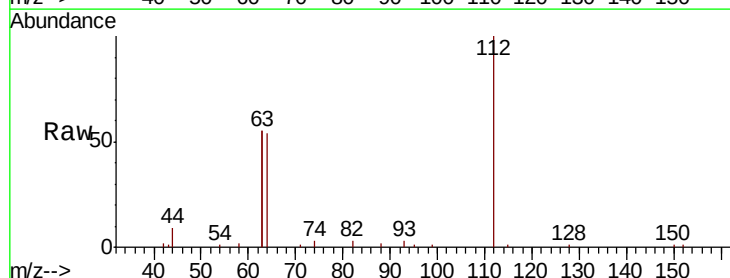
Tot Ion: 42 Resp: 4245
 Ion Ratio Lower Upper
 42 100
 74 178.0 133.8 200.8
 44 11.5 0.0 0.0#

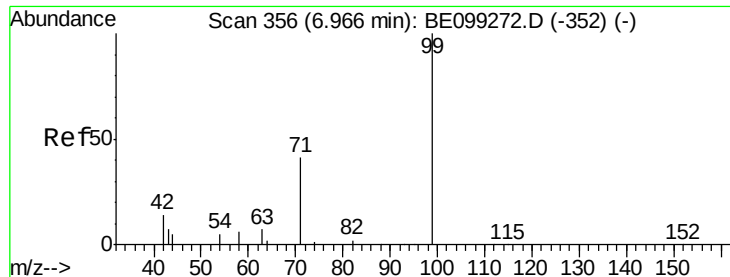


#4

2-Fluorophenol
 Concen: 1.355 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099274.D
 Acq: 2 Apr 2019 14:29

Tgt Ion: 112 Resp: 13786
 Ion Ratio Lower Upper
 112 100
 64 57.0 45.1 67.7
 63 121.5 94.4 141.6





#5

Phenol-d6

Concen: 1.234 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

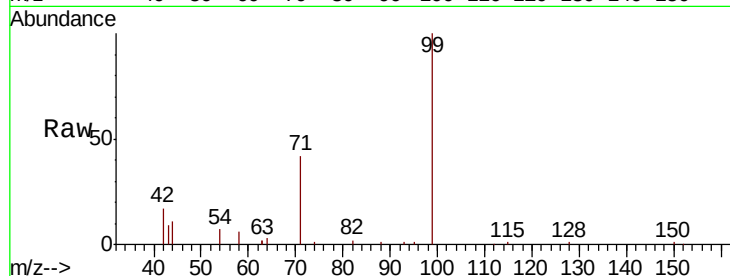
Tot Ion: 99 Resp: 19193

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.4

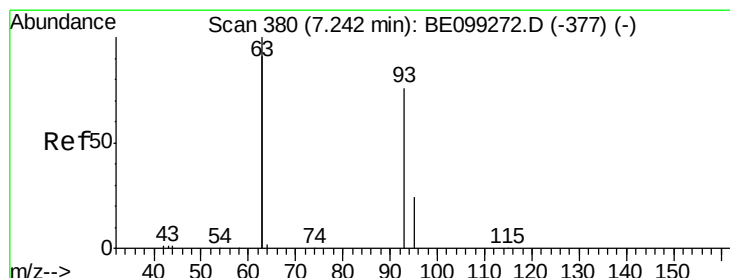
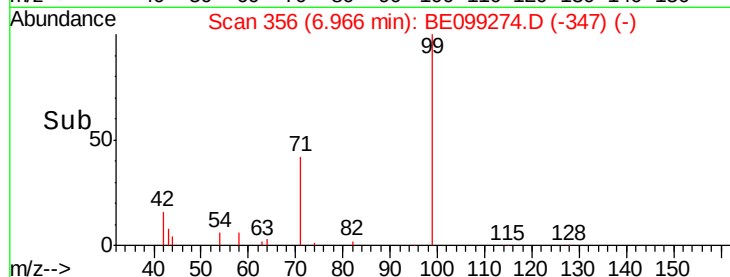
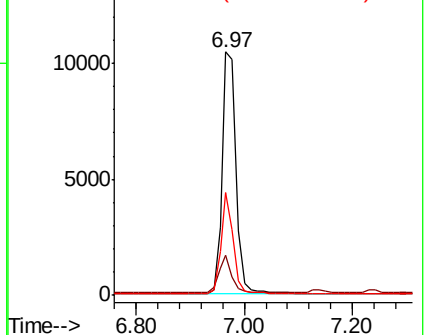
71 36.0 30.1 45.1



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: 1.415 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

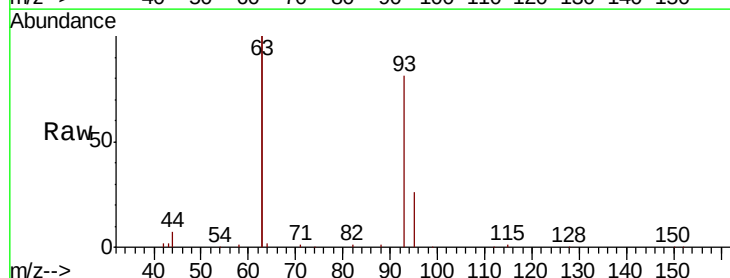
Tgt Ion: 93 Resp: 17303

Ion Ratio Lower Upper

93 100

63 273.3 219.4 329.2

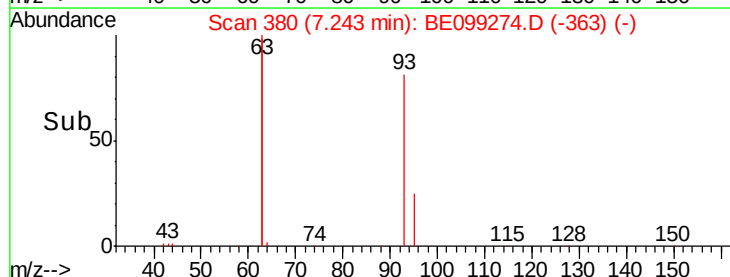
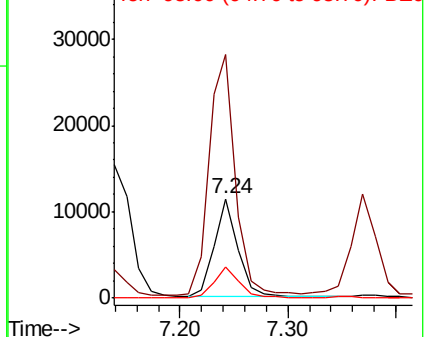
95 32.1 28.2 42.2

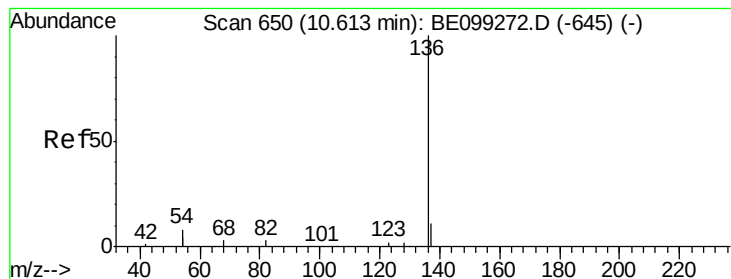


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 12187

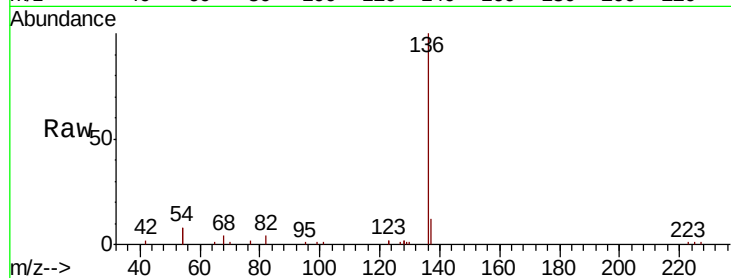
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 15.2 12.9 19.3

68 4.0 3.6 5.4

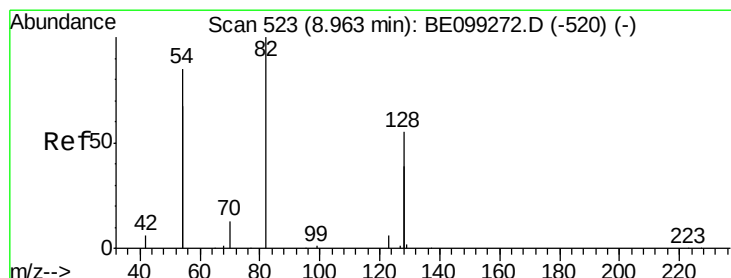
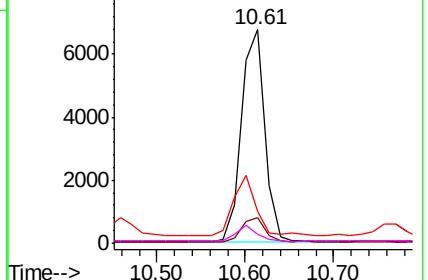
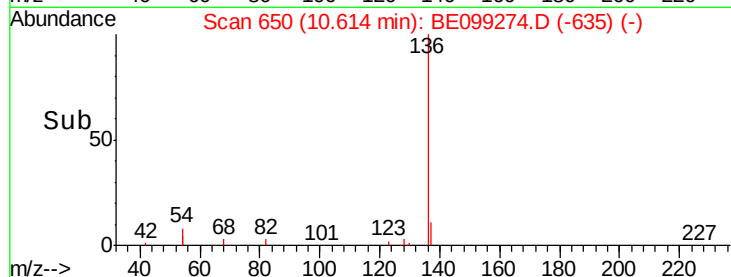


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.370 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

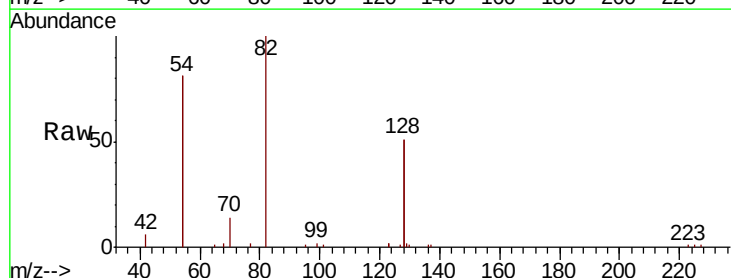
Tgt Ion: 82 Resp: 13634

Ion Ratio Lower Upper

82 100

128 101.8 83.2 124.8

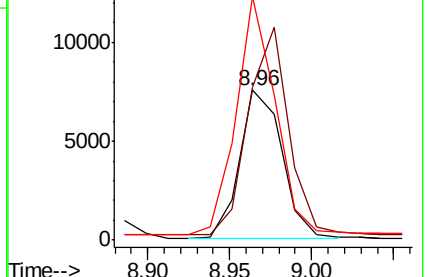
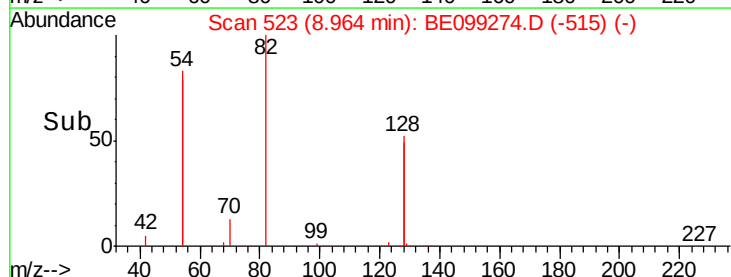
54 162.2 129.3 193.9

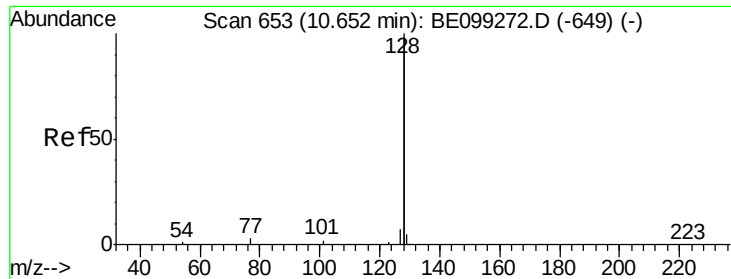


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.495 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

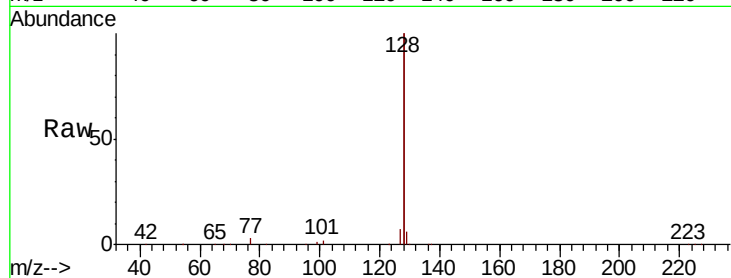
Tot Ion:128 Resp: 214910

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

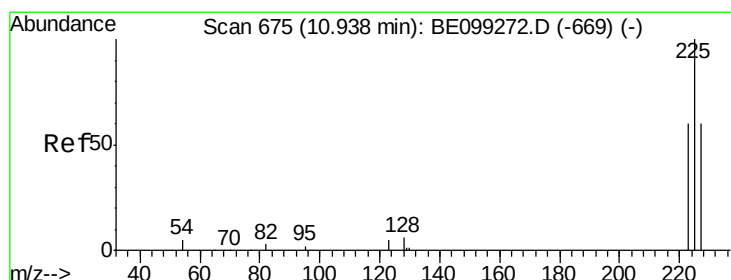
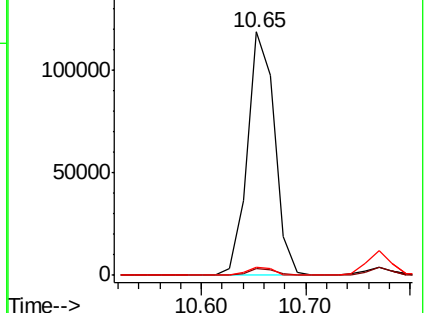
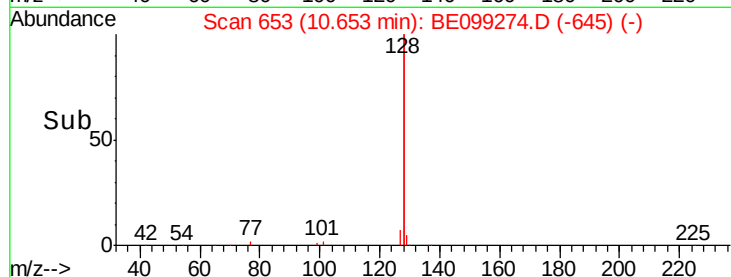
127 3.4 2.7 4.1



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: 1.796 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

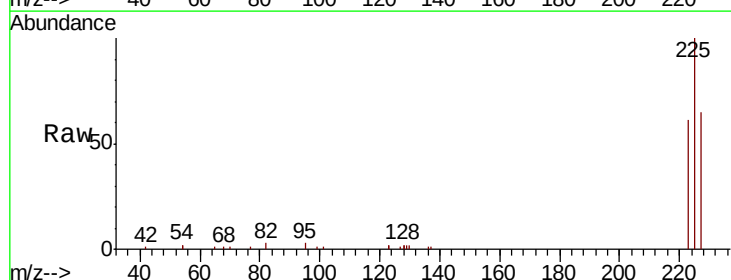
Tgt Ion:225 Resp: 13756

Ion Ratio Lower Upper

225 100

223 61.9 50.1 75.1

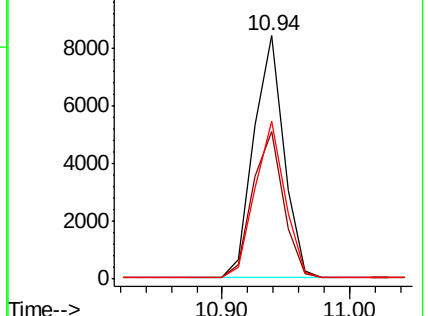
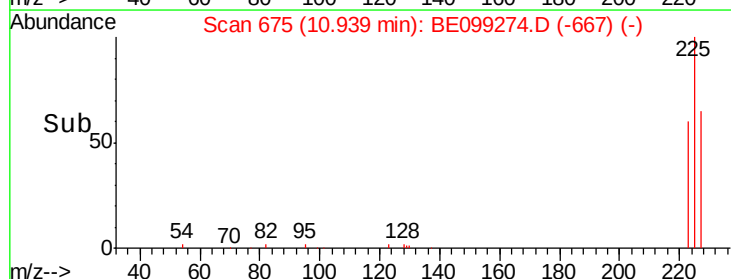
227 64.7 50.6 75.8

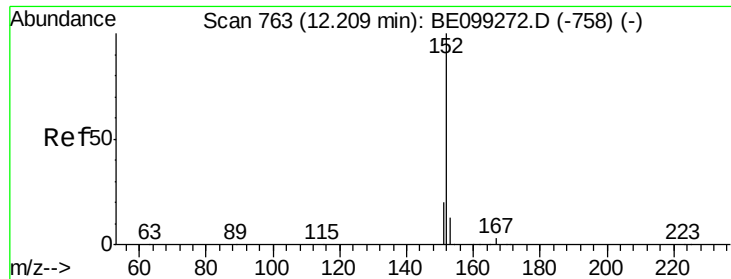


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

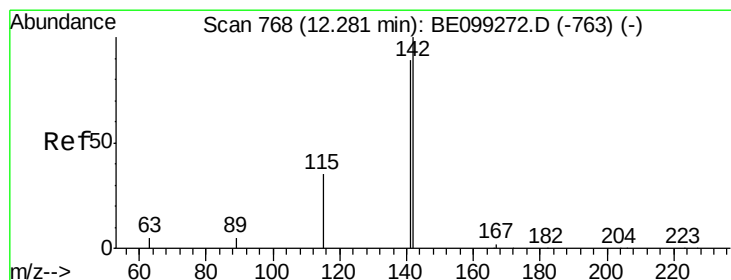
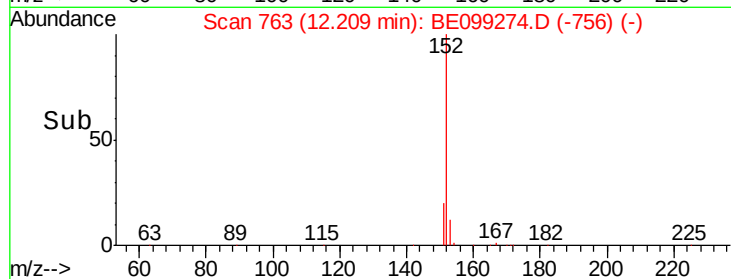
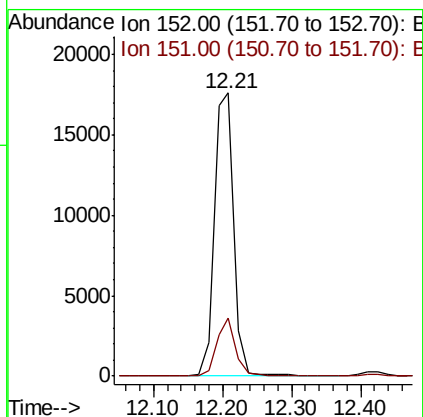
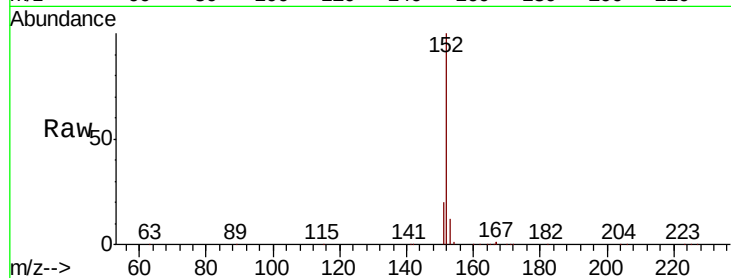




#11
 2-Methylnaphthalene-d10
 Concen: 1.455 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099274.D
 Acq: 2 Apr 2019 14:29

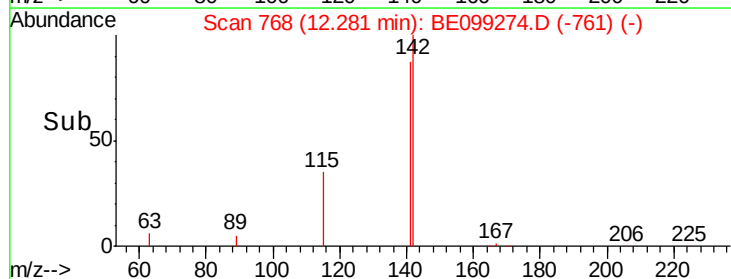
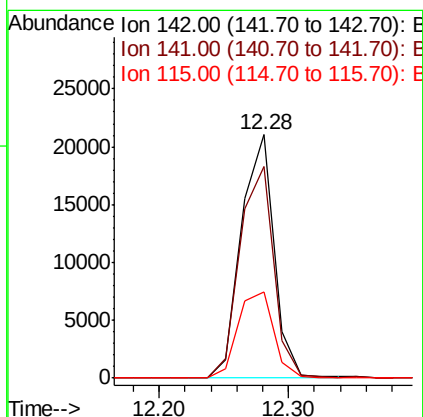
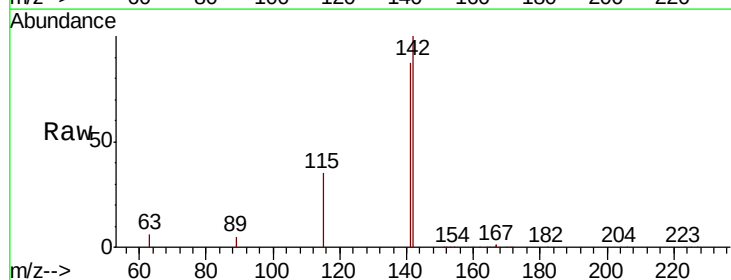
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

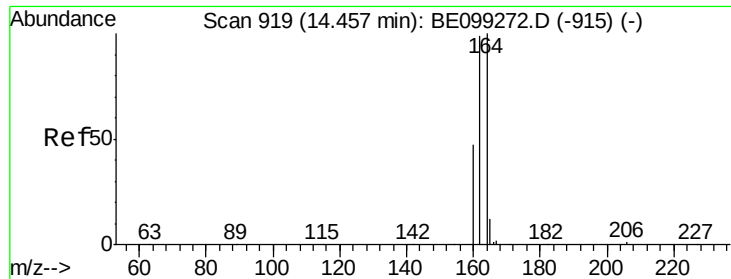
Tot Ion:152 Resp: 34162
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 1.419 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099274.D
 Acq: 2 Apr 2019 14:29

Tgt Ion:142 Resp: 36458
 Ion Ratio Lower Upper
 142 100
 141 86.7 71.1 106.7
 115 35.4 29.0 43.6

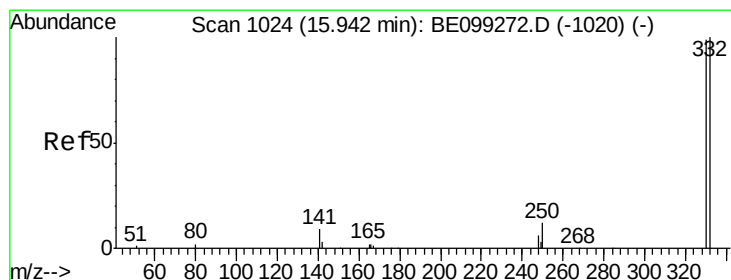
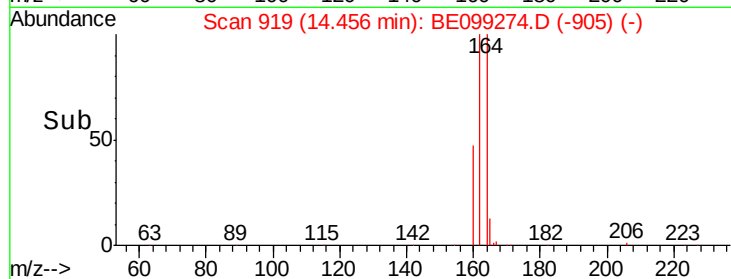
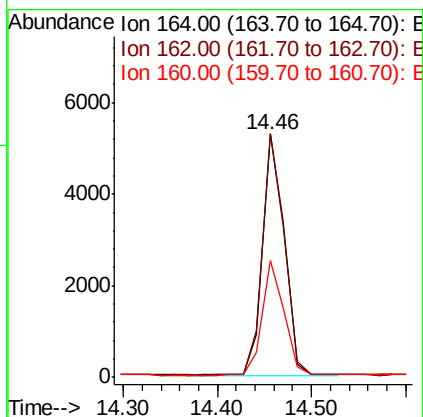
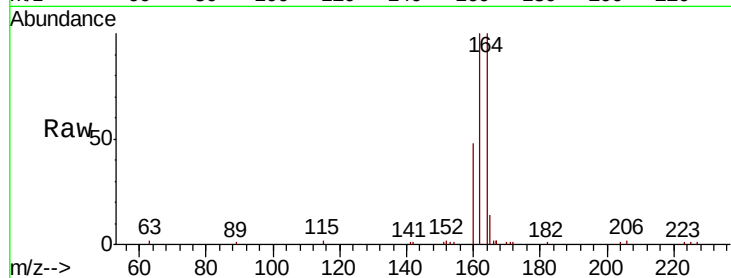




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099274.D
 Acq: 2 Apr 2019 14:29

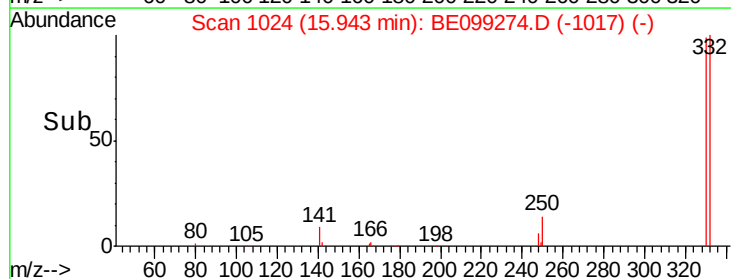
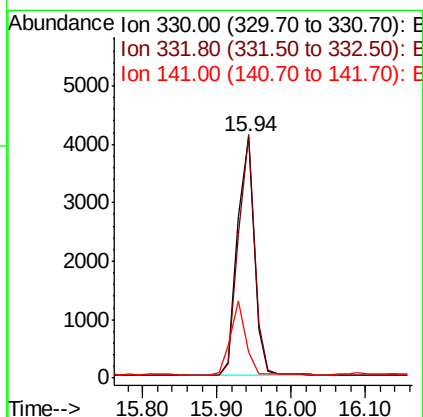
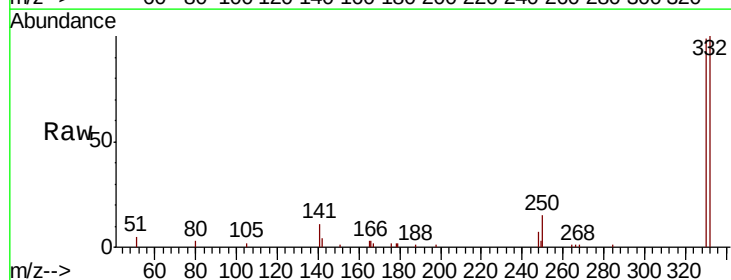
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

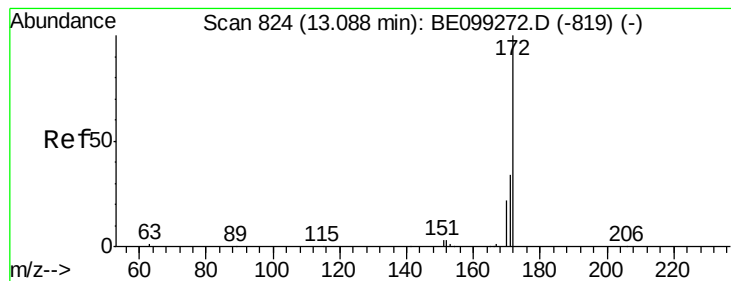
Tot Ion:164 Resp: 8472
 Ion Ratio Lower Upper
 164 100
 162 99.8 78.8 118.2
 160 48.0 37.6 56.4



#14
 2,4,6-Tribromophenol
 Concen: 2.151 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099274.D
 Acq: 2 Apr 2019 14:29

Tgt Ion:330 Resp: 6437
 Ion Ratio Lower Upper
 330 100
 332 98.0 82.6 123.8
 141 28.3 27.6 41.4

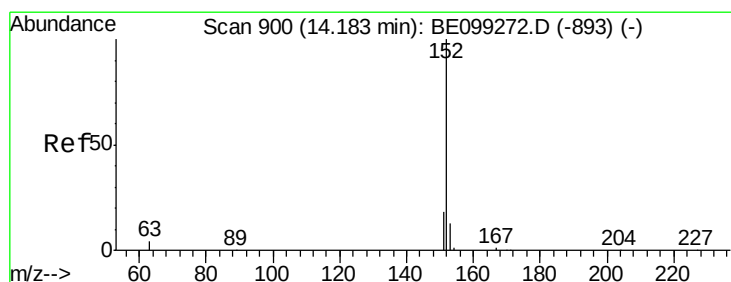
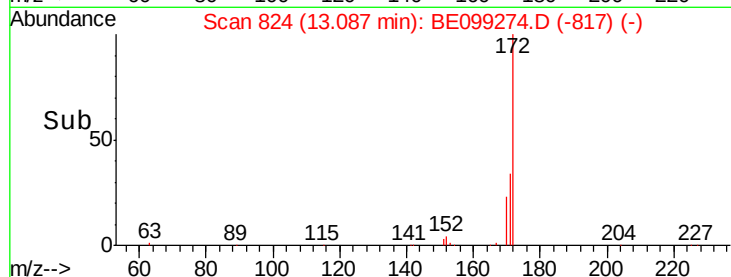
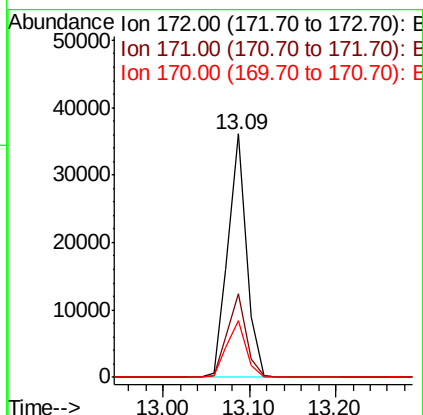
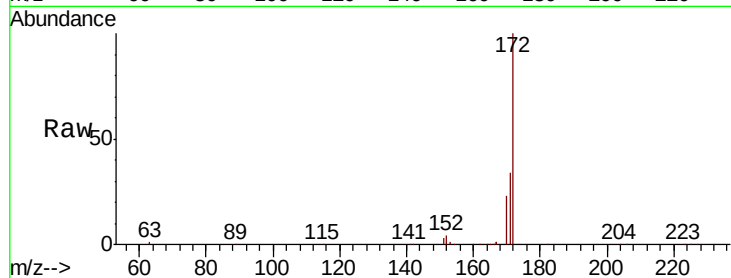




#15
2-Fluorobiphenyl
Concen: 1.553 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099274.D
Acq: 2 Apr 2019 14:29

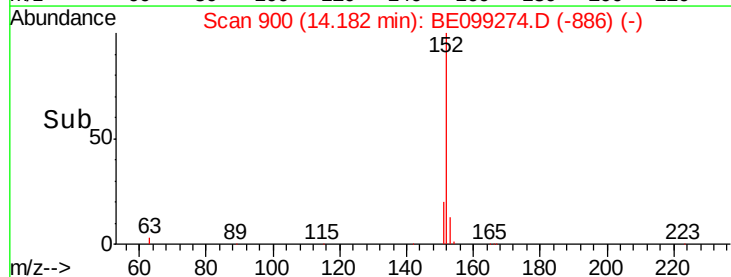
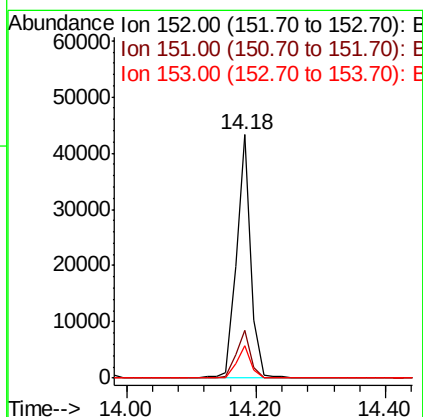
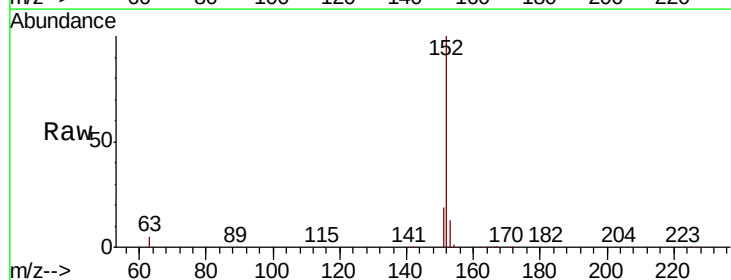
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

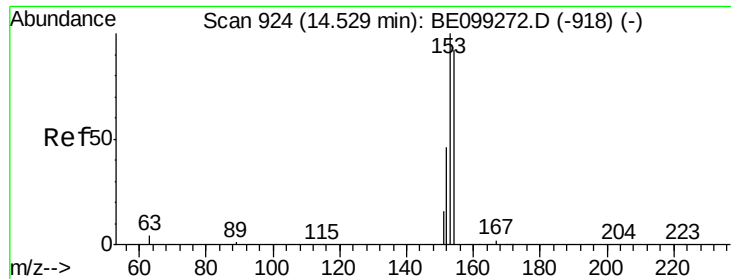
Tot Ion:172 Resp: 53632
Ion Ratio Lower Upper
172 100
171 34.1 27.5 41.3
170 23.2 18.2 27.2



#16
Acenaphthylene
Concen: 1.519 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099274.D
Acq: 2 Apr 2019 14:29

Tgt Ion:152 Resp: 65622
Ion Ratio Lower Upper
152 100
151 19.2 14.9 22.3
153 13.1 10.0 15.0

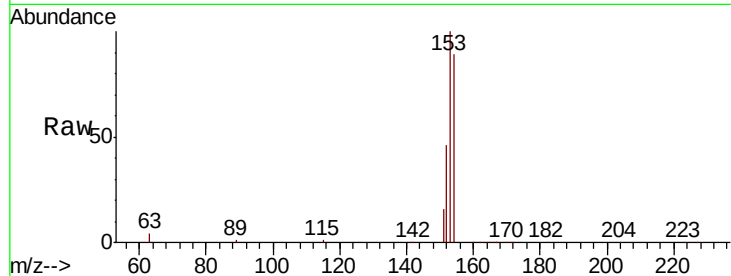




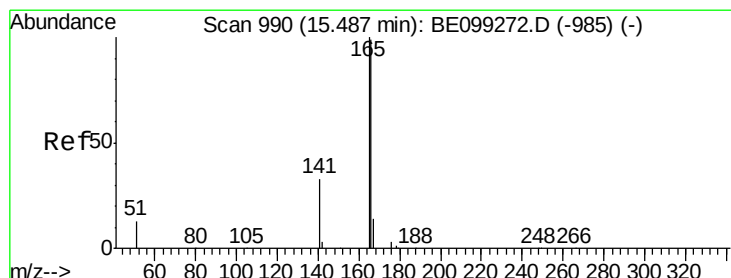
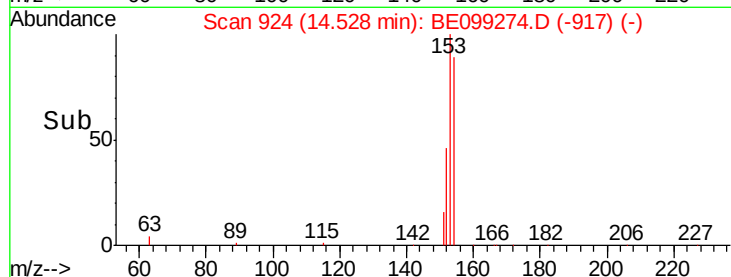
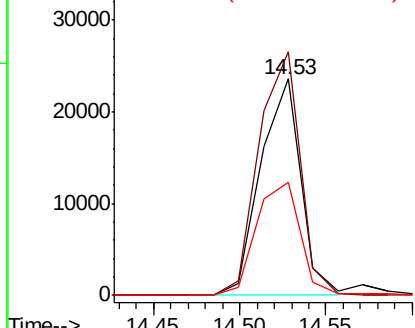
#17
Acenaphthene
Concen: 1.477 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE099274.D
Acq: 2 Apr 2019 14:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:154 Resp: 38160
Ion Ratio Lower Upper
154 100
153 116.0 92.8 139.2
152 56.6 44.3 66.5

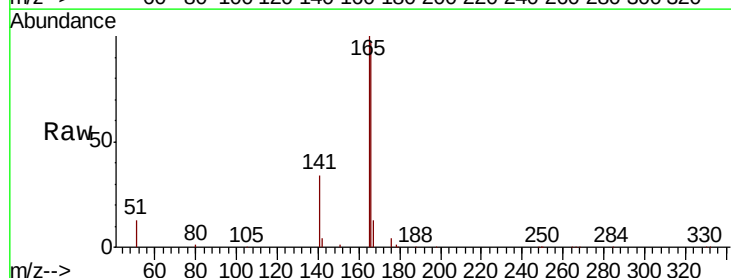


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

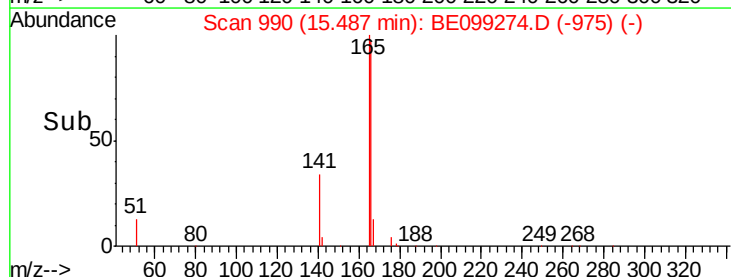
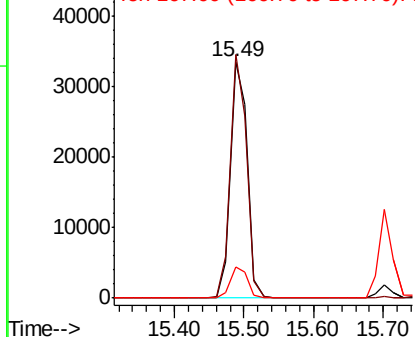


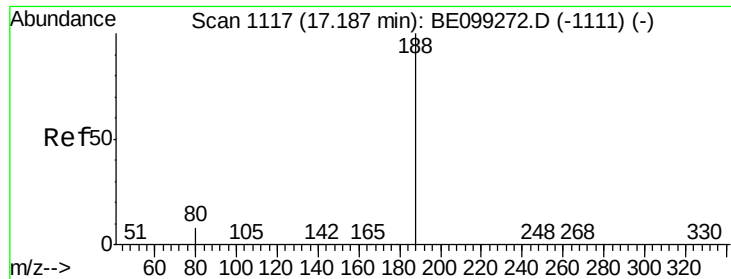
#18
Fluorene
Concen: 1.526 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099274.D
Acq: 2 Apr 2019 14:29

Tgt Ion:166 Resp: 55422
Ion Ratio Lower Upper
166 100
165 99.5 77.9 116.9
167 13.3 10.9 16.3



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

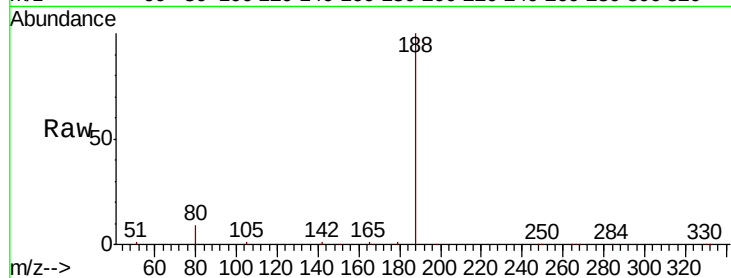
Tot Ion:188 Resp: 24882

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

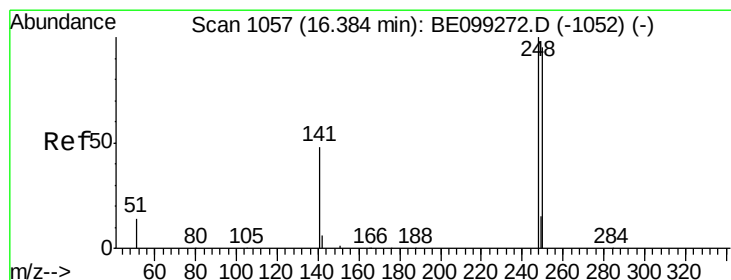
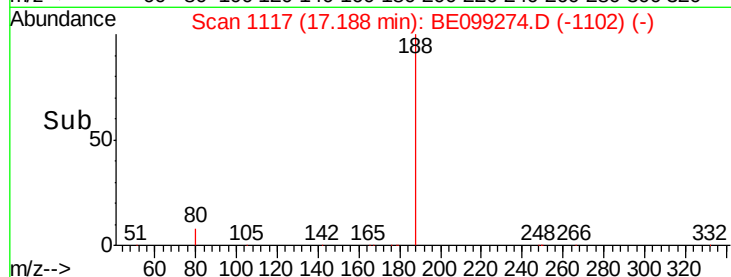
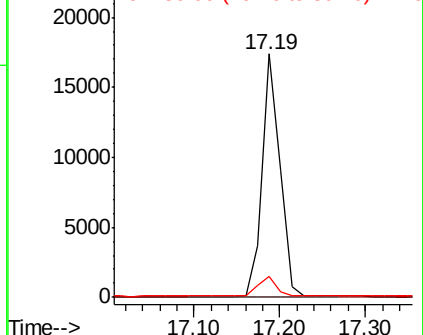
80 8.6 6.6 10.0



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: 1.422 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

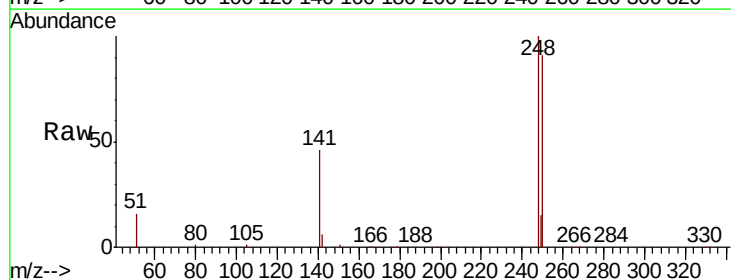
Tgt Ion:248 Resp: 22836

Ion Ratio Lower Upper

248 100

250 91.0 75.9 113.9

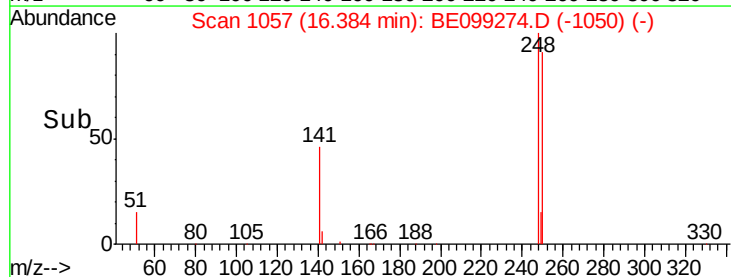
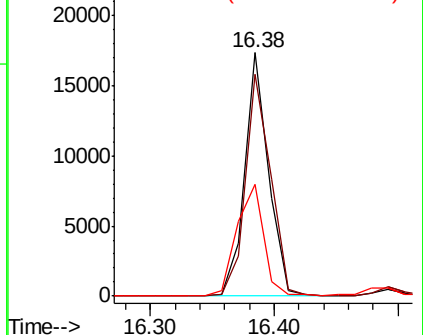
141 46.1 39.0 58.6

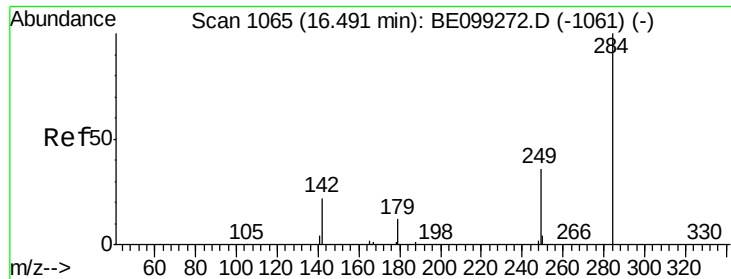


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.390 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

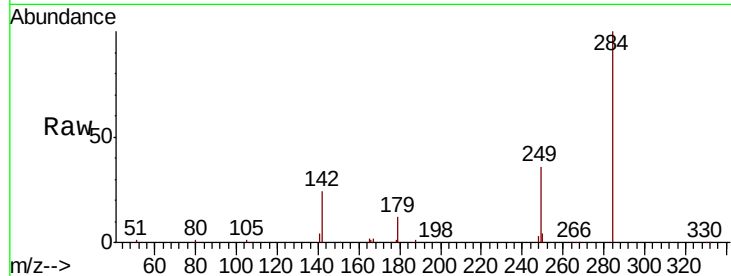
Tot Ion:284 Resp: 21554

Ion Ratio Lower Upper

284 100

142 27.3 21.0 31.6

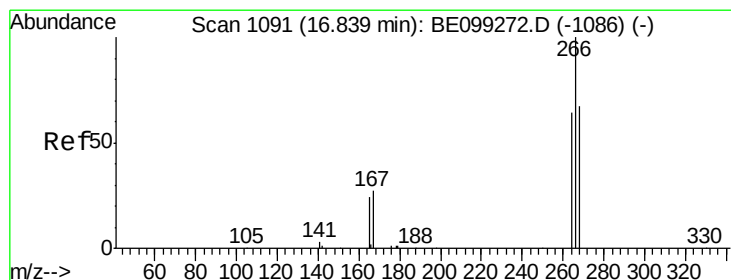
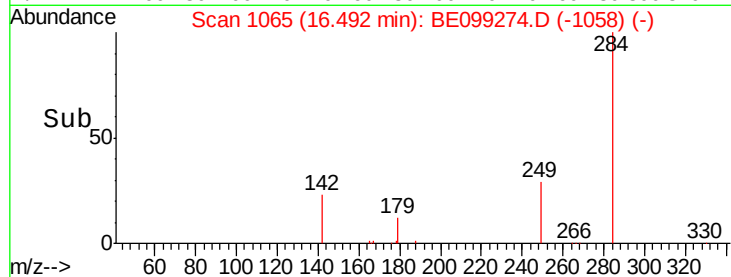
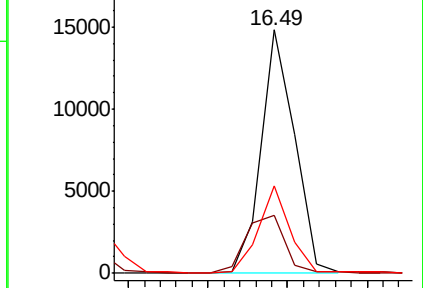
249 33.4 27.0 40.6



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: 4.281 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

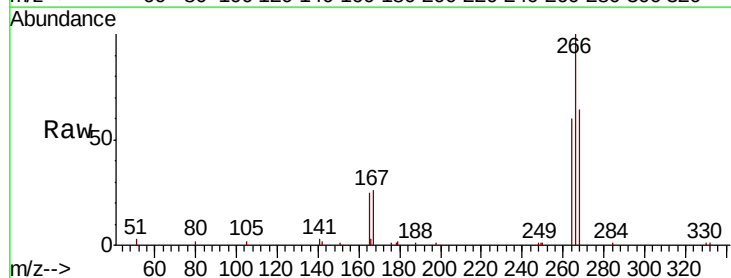
Tgt Ion:266 Resp: 8752

Ion Ratio Lower Upper

266 100

264 60.4 51.8 77.8

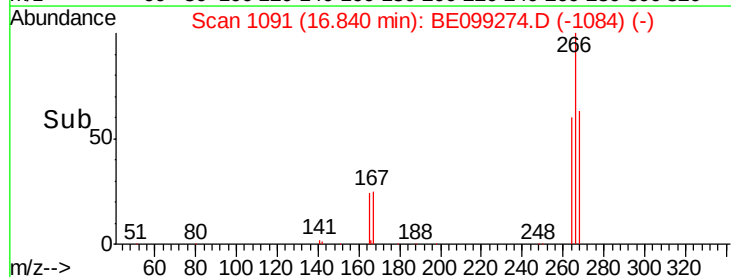
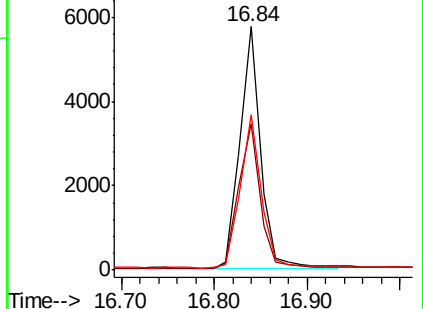
268 63.7 54.7 82.1

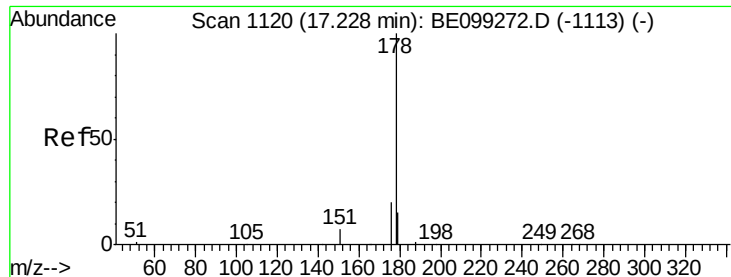


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.423 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

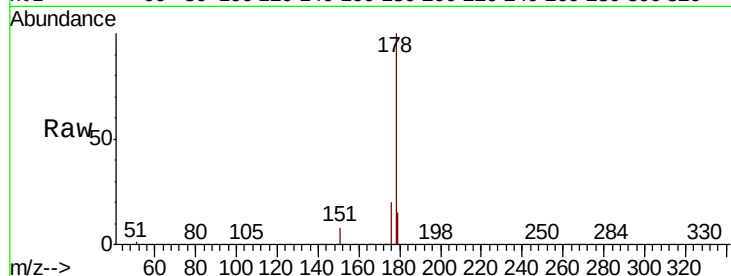
Tot Ion:178 Resp: 103982

Ion Ratio Lower Upper

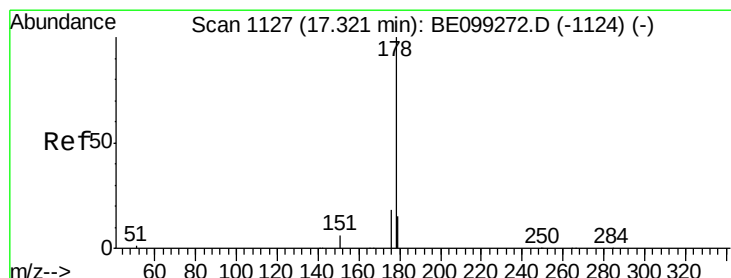
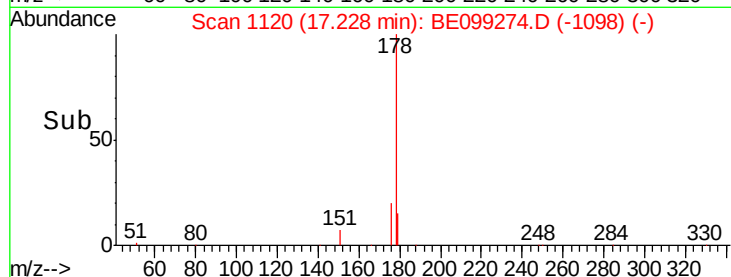
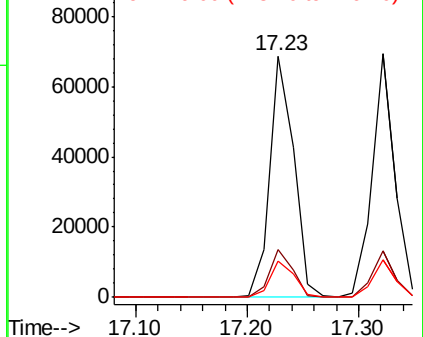
178 100

176 19.3 15.4 23.2

179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.484 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

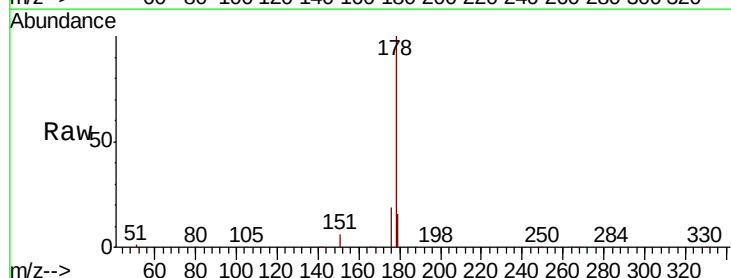
Tgt Ion:178 Resp: 97954

Ion Ratio Lower Upper

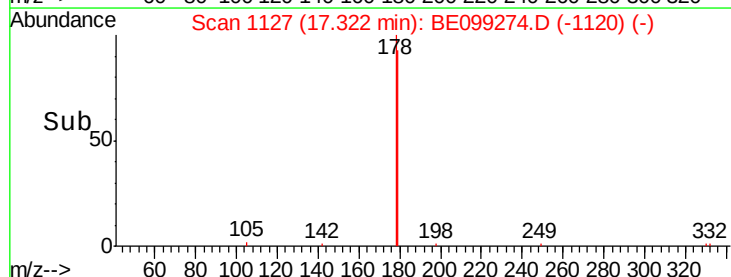
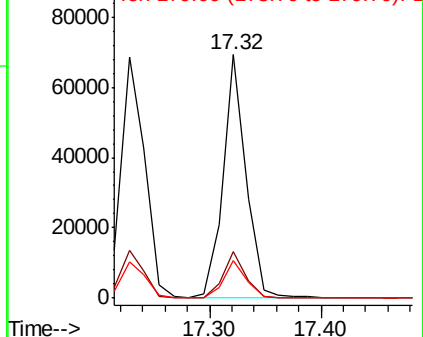
178 100

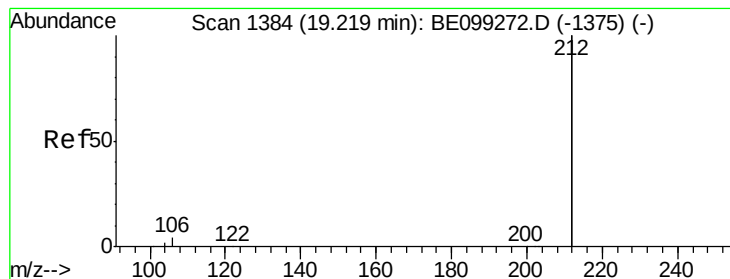
176 18.6 14.7 22.1

179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.736 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

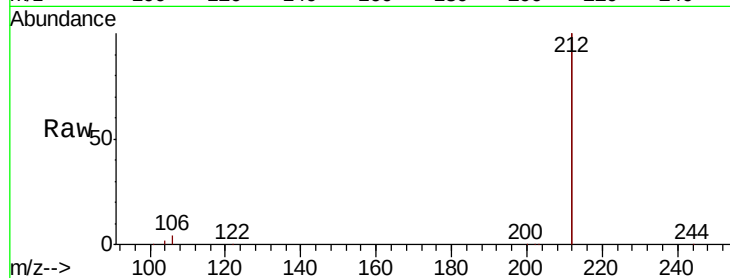
Tot Ion:212 Resp: 523498

Ion Ratio Lower Upper

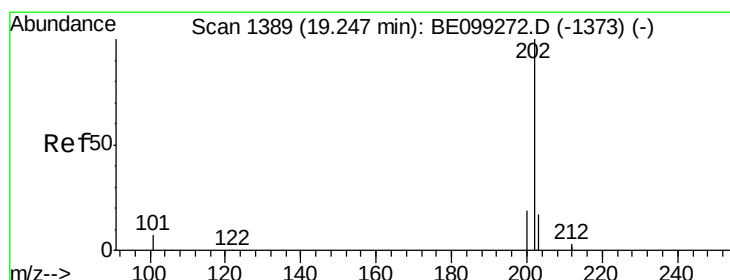
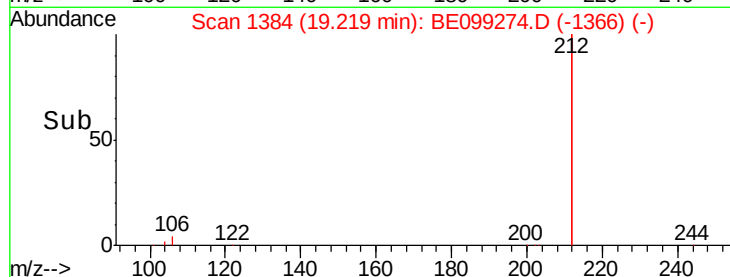
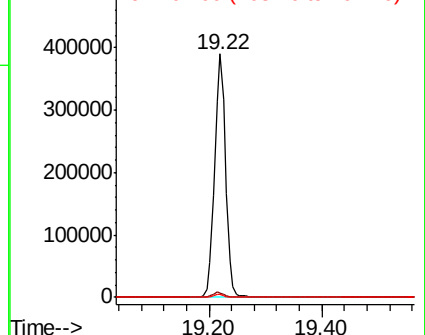
212 100

106 2.1 1.7 2.5

104 1.2 1.0 1.4



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: 1.638 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

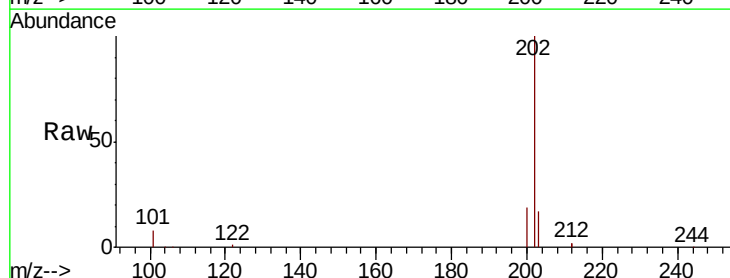
Tgt Ion:202 Resp: 152748

Ion Ratio Lower Upper

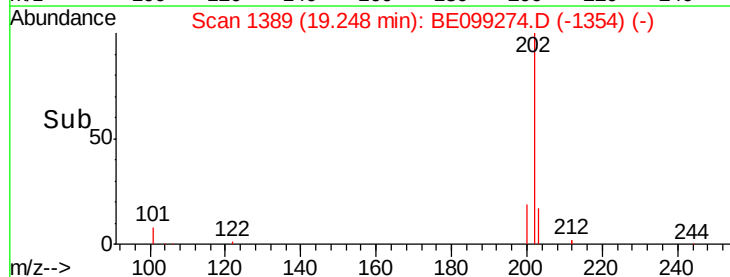
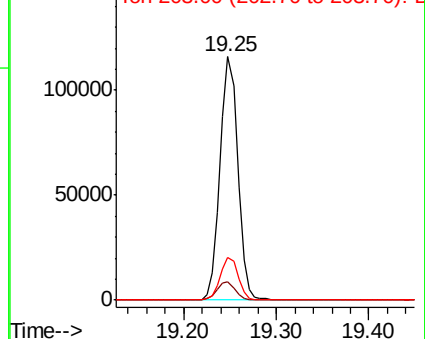
202 100

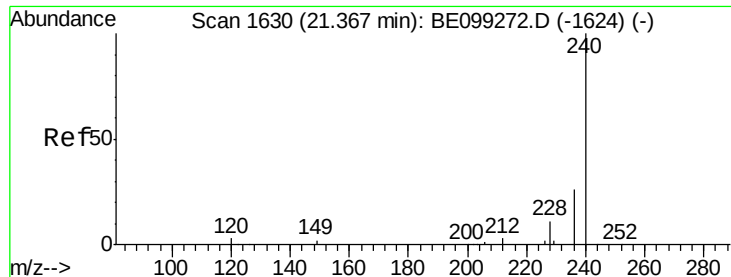
101 7.8 6.2 9.4

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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

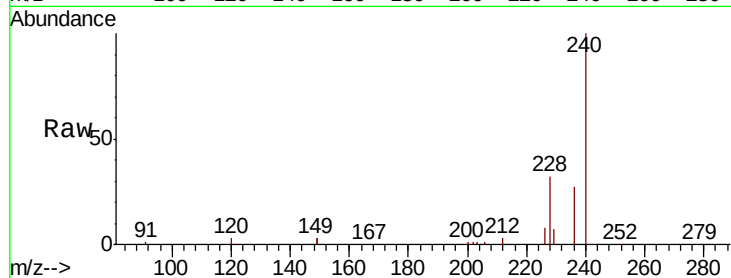
Tot Ion:240 Resp: 37401

Ion Ratio Lower Upper

240 100

120 3.3 2.7 4.1

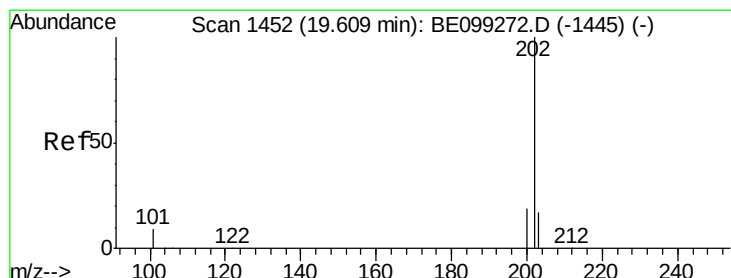
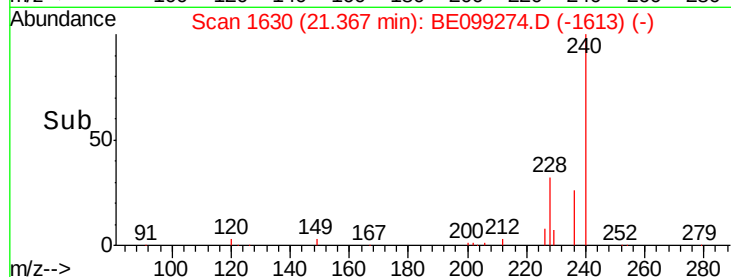
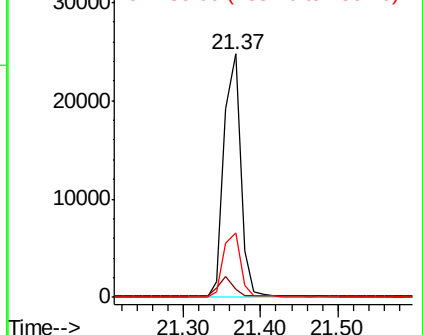
236 26.6 20.7 31.1



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: 1.261 ng

RT: 19.61 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

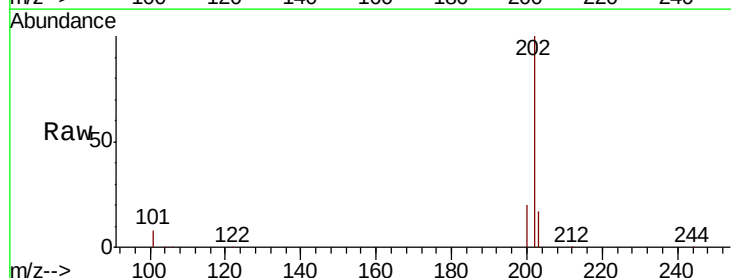
Tgt Ion:202 Resp: 156730

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

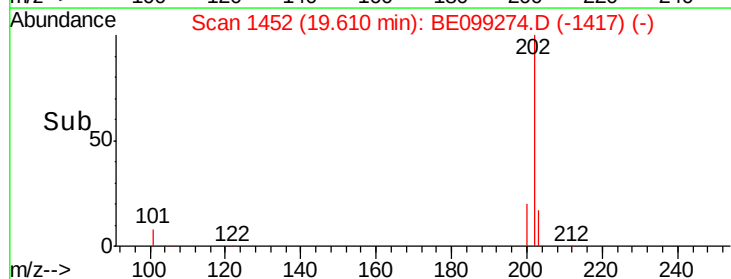
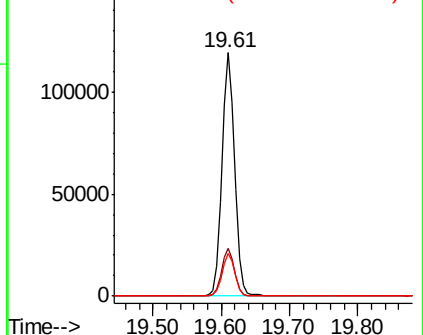
203 17.5 13.9 20.9

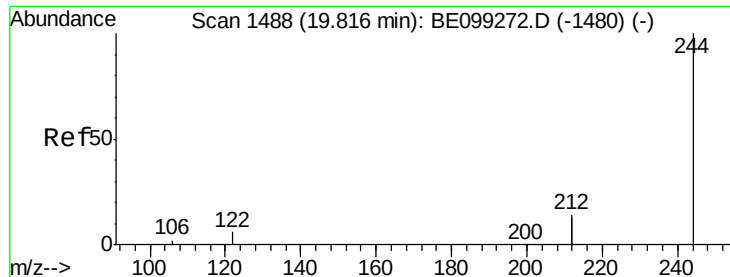


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.336 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampled :

SSTDICC1.6

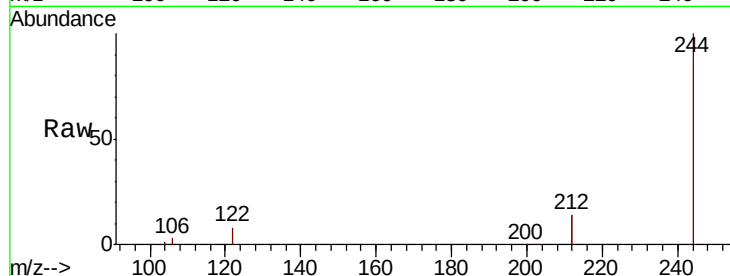
Tot Ion:244 Resp: 108667

Ion Ratio Lower Upper

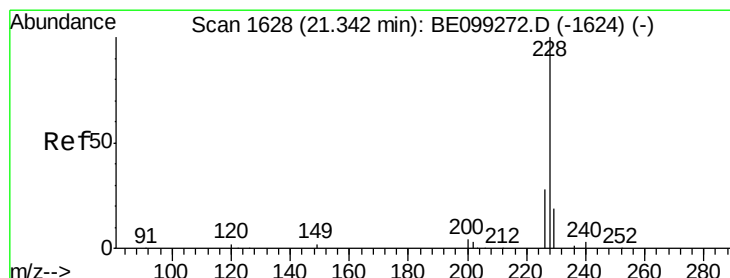
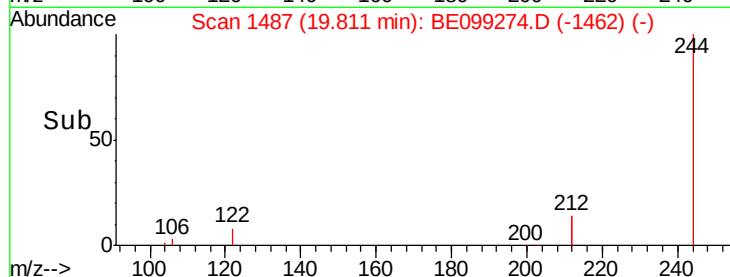
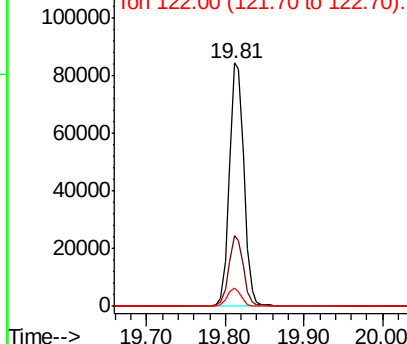
244 100

212 29.0 22.6 33.8

122 7.6 4.6 7.0#



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: 1.467 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

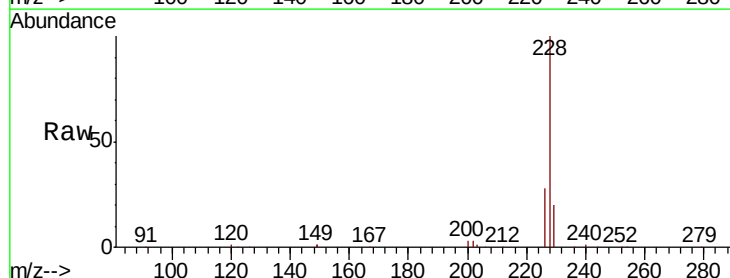
Tgt Ion:228 Resp: 181102

Ion Ratio Lower Upper

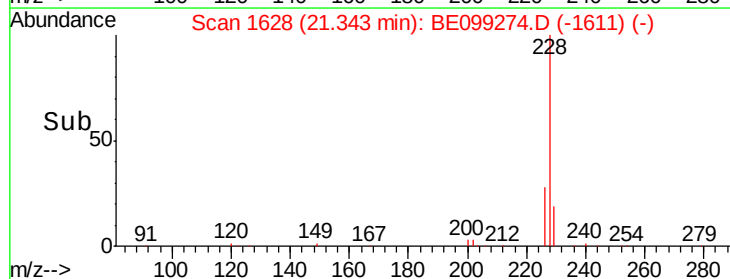
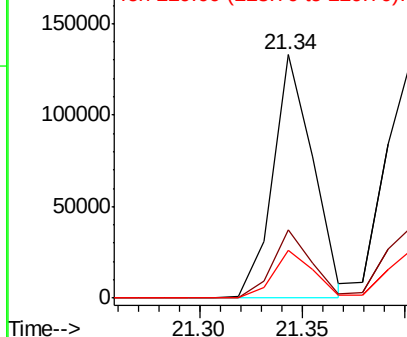
228 100

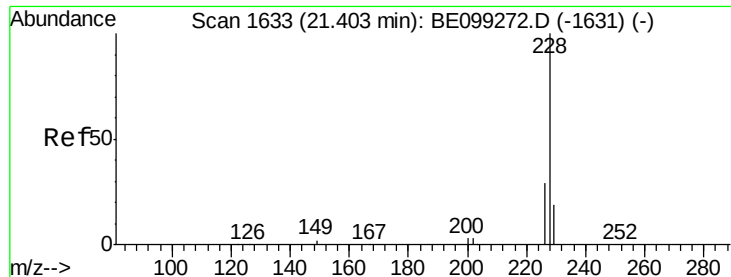
226 27.9 22.3 33.5

229 19.5 15.4 23.0



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





#31

Chrysene

Concen: 1.430 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

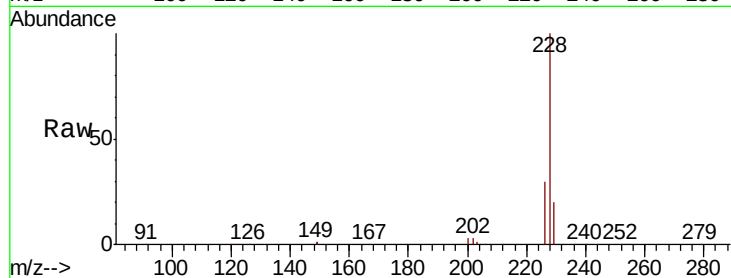
Tot Ion:228 Resp: 188568

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

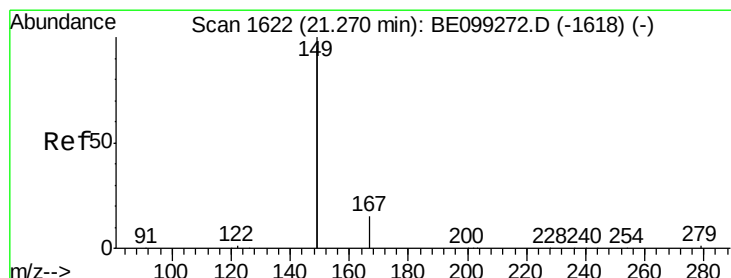
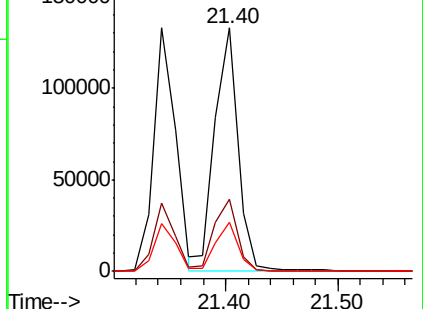
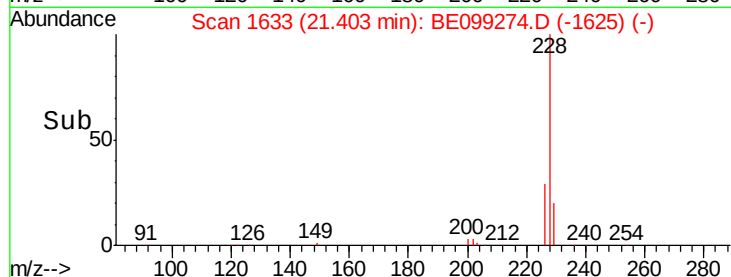
229 20.0 15.6 23.4



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: 1.507 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

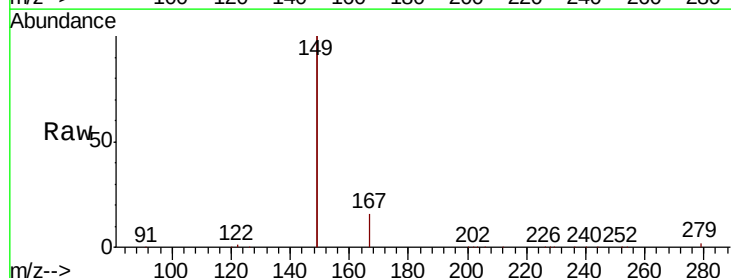
Tgt Ion:149 Resp: 221863

Ion Ratio Lower Upper

149 100

167 7.6 6.1 9.1

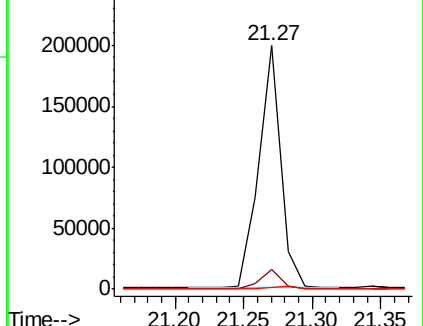
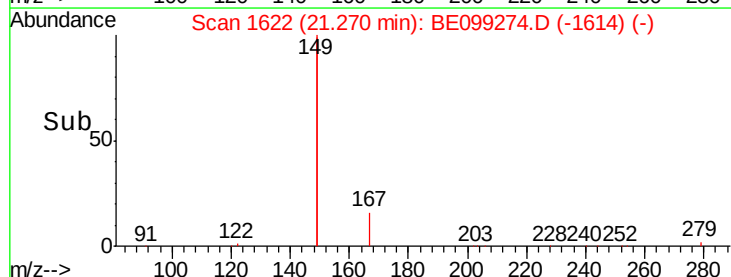
279 1.3 1.0 1.4

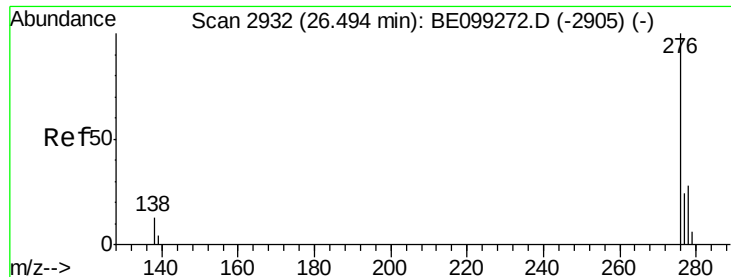


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.644 ng

RT: 26.50 min Scan# 2933

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

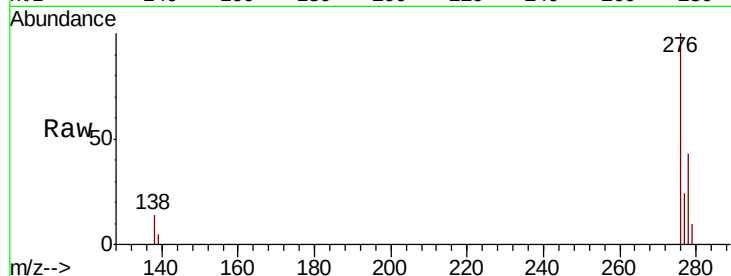
Tot Ion:276 Resp: 205261

Ion Ratio Lower Upper

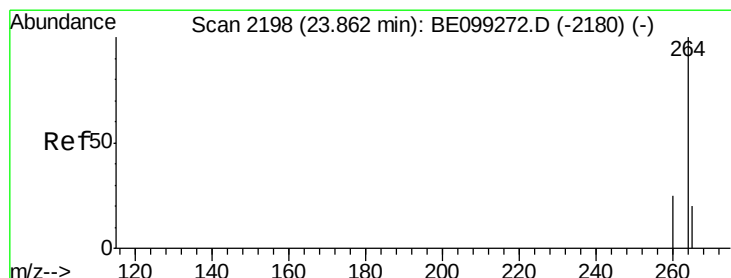
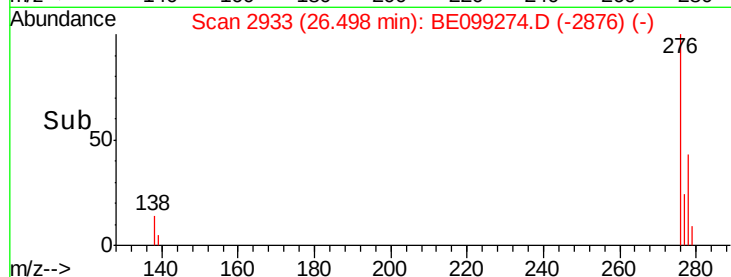
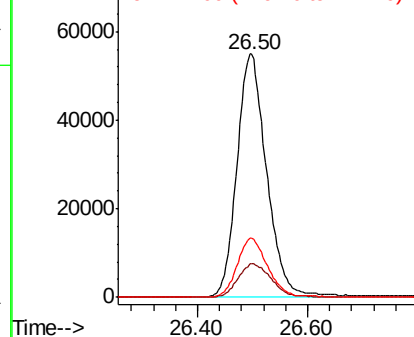
276 100

138 15.1 12.6 18.8

277 24.7 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: 23.86 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

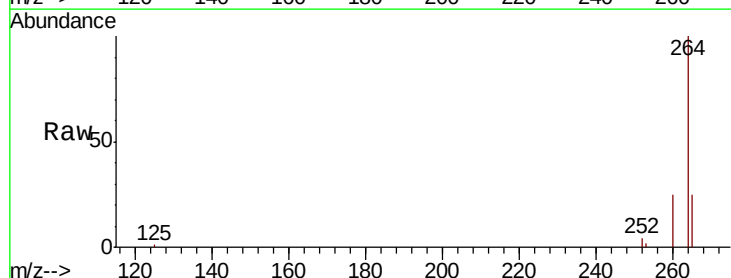
Tgt Ion:264 Resp: 37573

Ion Ratio Lower Upper

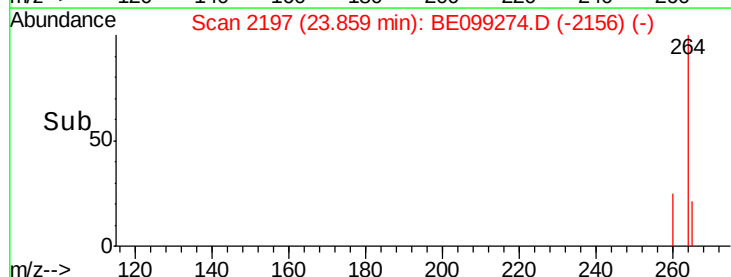
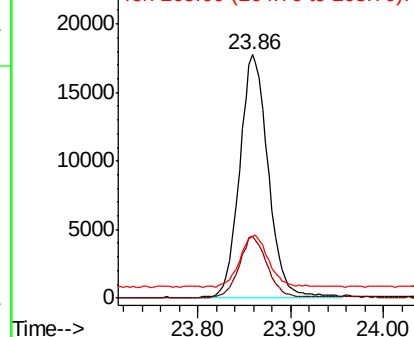
264 100

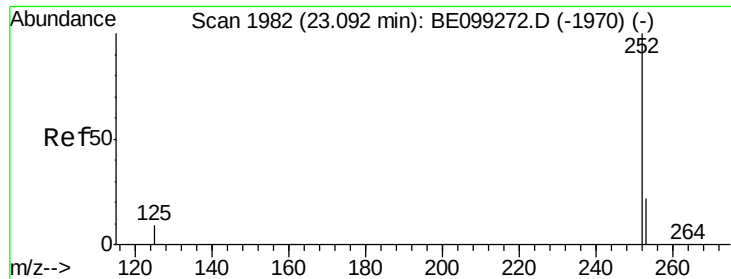
260 25.2 19.8 29.8

265 25.5 19.3 28.9



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: 1.455 ng

RT: 23.09 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

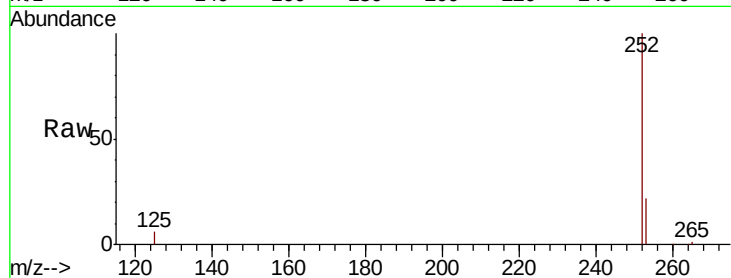
Tot Ion:252 Resp: 179860

Ion Ratio Lower Upper

252 100

253 22.3 18.6 27.8

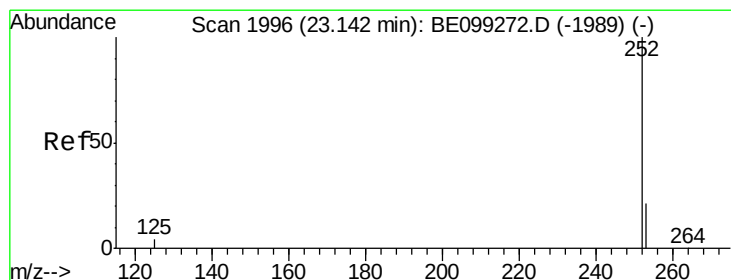
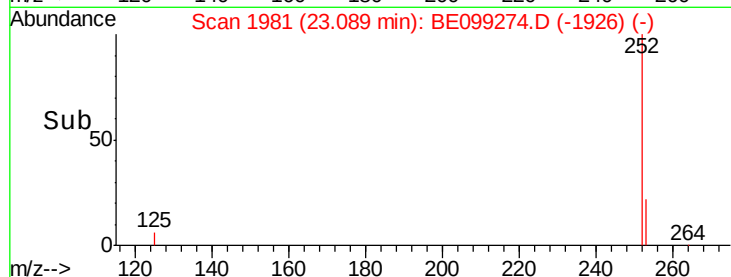
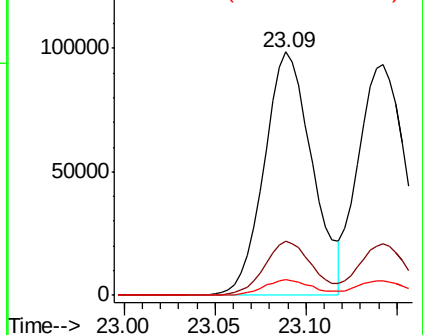
125 6.3 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.334 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

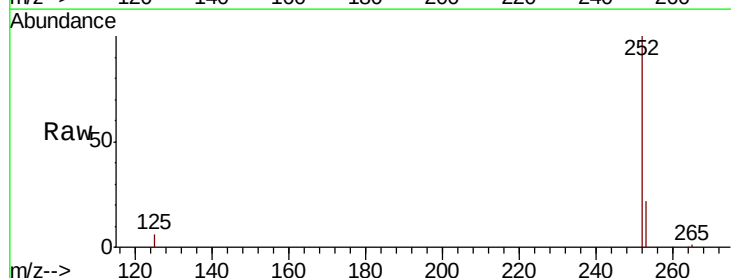
Tgt Ion:252 Resp: 174405

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

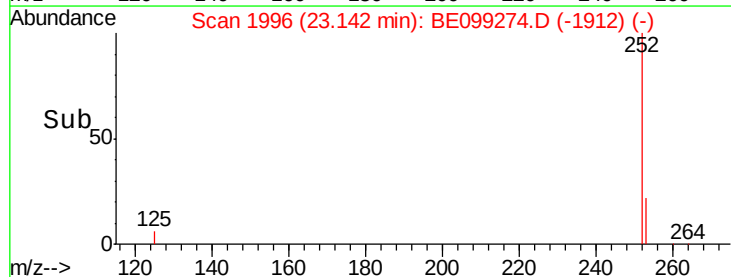
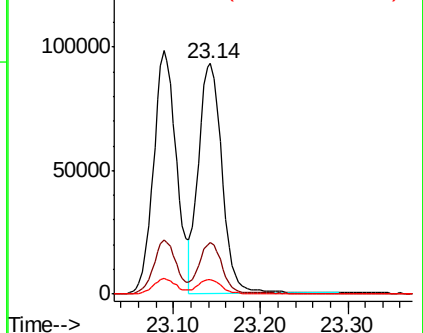
125 6.1 5.8 8.6

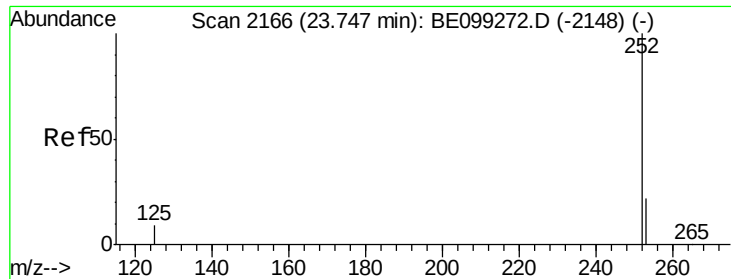


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

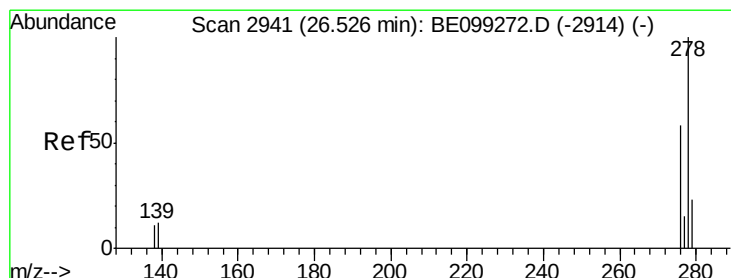
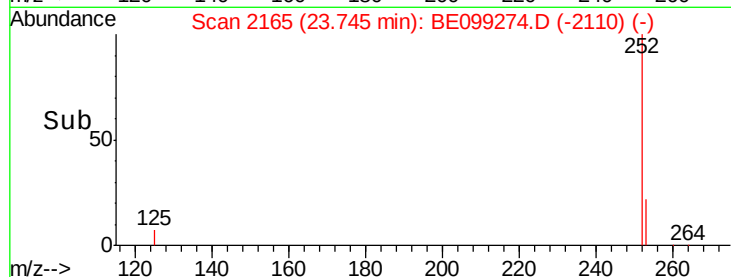
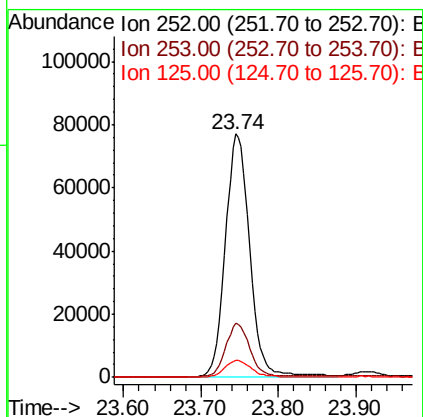
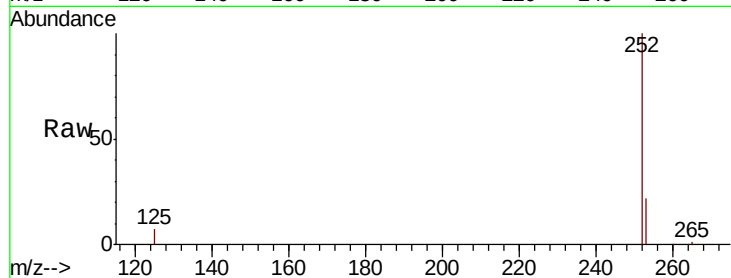




#37
Benzo(a)pyrene
Concen: 1.442 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE099274.D
Acq: 2 Apr 2019 14:29

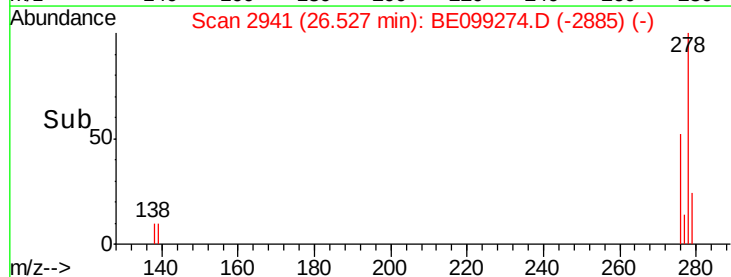
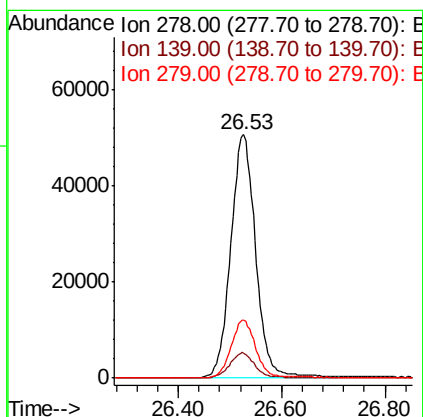
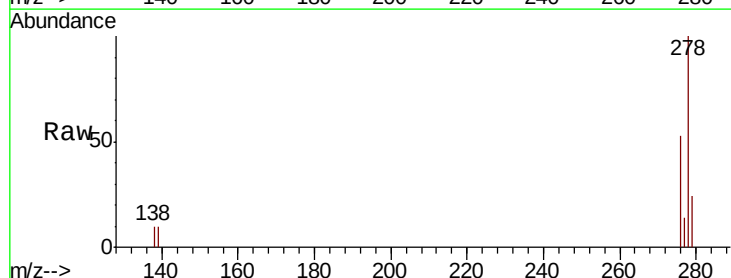
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

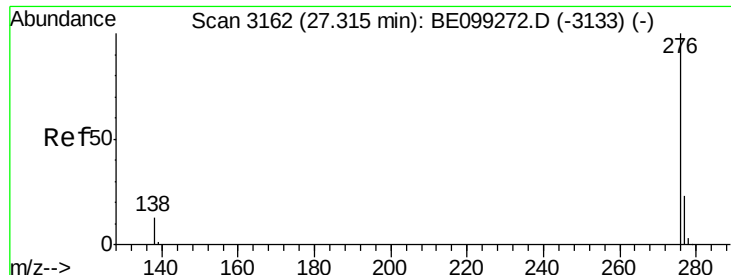
Tot Ion:252 Resp: 166529
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 6.9 7.8 11.8#



#38
Dibenzo(a,h)anthracene
Concen: 1.660 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BE099274.D
Acq: 2 Apr 2019 14:29

Tgt Ion:278 Resp: 170248
Ion Ratio Lower Upper
278 100
139 10.1 10.2 15.2#
279 23.9 19.0 28.4





#39

Benzo(a,h,i)perylene

Concen: 1.633 ng

RT: 27.31 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BE099274.D

Acq: 2 Apr 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

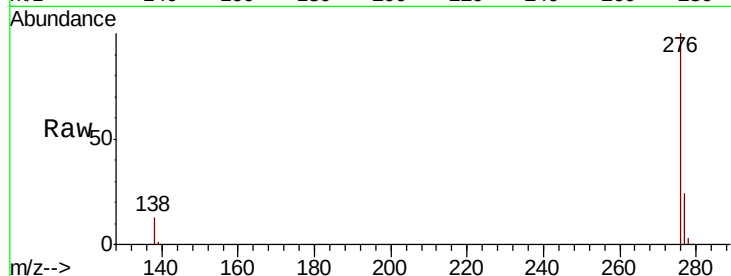
Tot Ion:276 Resp: 167954

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 13.1 11.2 16.8



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

