

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
 Data File : BE099219.D
 Acq On : 26 Mar 2019 17:34
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 27 08:50:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4672	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	20940	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	15354	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	40019	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	47184	0.40	ng	-0.01
34) Perylene-d12	23.89	264	45879	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	4745	0.34	ng	0.00
5) Phenol-d6	6.99	99	7426	0.35	ng	0.00
8) Nitrobenzene-d5	8.99	82	6059	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	14676	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1902	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	22467	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	174534	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	34123	0.33	ng	0.00

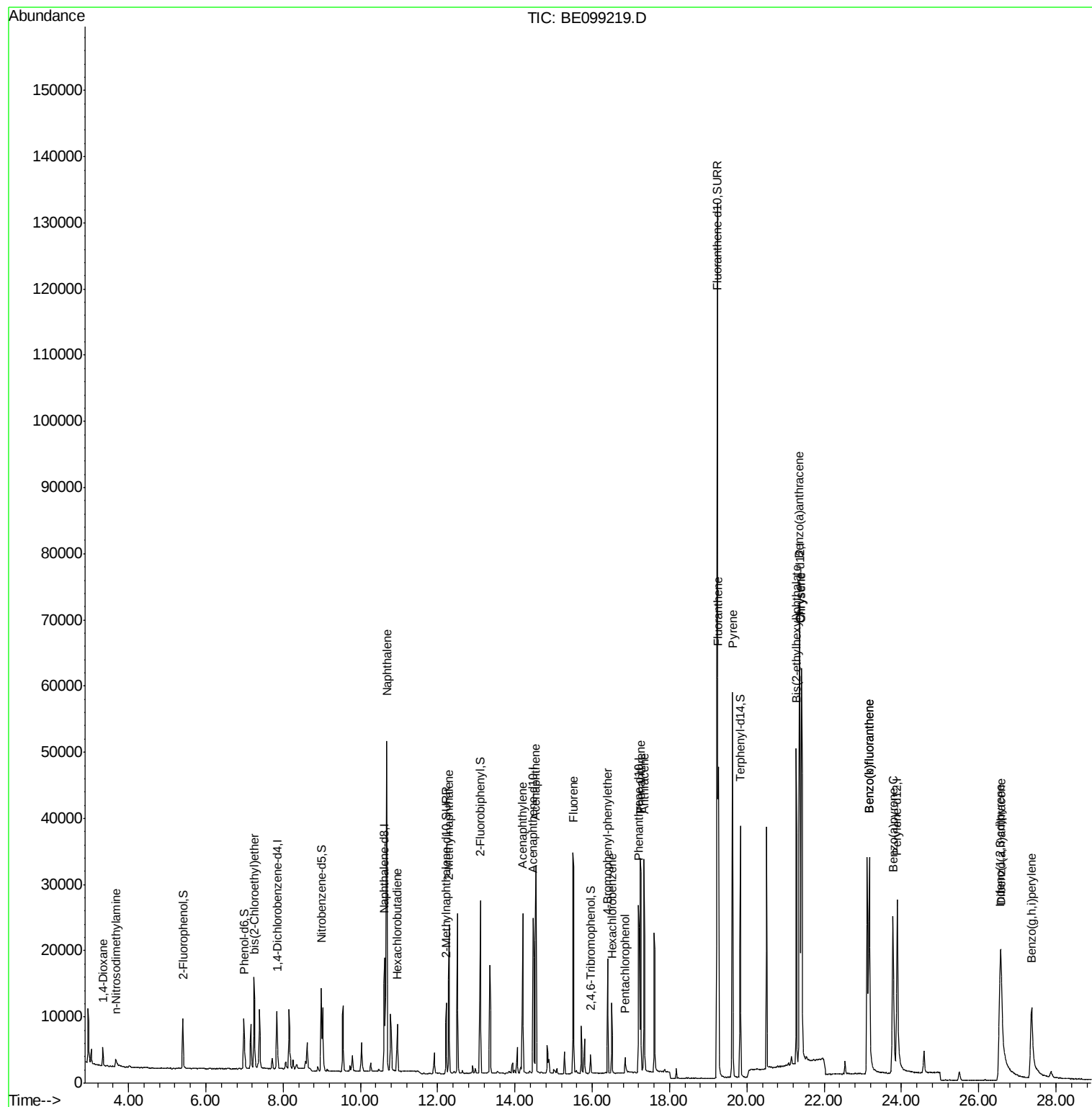
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2058	0.334	ng	# 97
3) n-Nitrosodimethylamine	3.67	42	1080	0.313	ng	# 93
6) bis(2-Chloroethyl)ether	7.26	93	5692	0.340	ng	98
9) Naphthalene	10.68	128	88242	0.357	ng	100
10) Hexachlorobutadiene	10.95	225	4783	0.363	ng	96
12) 2-Methylnaphthalene	12.30	142	15657	0.355	ng	97
16) Acenaphthylene	14.20	152	26253	0.335	ng	100
17) Acenaphthene	14.54	154	16494	0.352	ng	98
18) Fluorene	15.52	166	23099	0.351	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	8554	0.331	ng	# 75
21) Hexachlorobenzene	16.51	284	8387	0.336	ng	99
22) Pentachlorophenol	16.85	266	1674	0.678	ng	# 89
23) Phenanthrene	17.24	178	40040	0.341	ng	100
24) Anthracene	17.34	178	35636	0.336	ng	99
26) Fluoranthene	19.26	202	51634	0.344	ng	100
28) Pyrene	19.63	202	52836	0.337	ng	99
30) Benzo(a)anthracene	21.37	228	52514	0.337	ng	99
31) Chrysene	21.41	228	56134	0.337	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	59619	0.321	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	47394	0.301	ng	98
35) Benzo(b)fluoranthene	23.17	252	55188	0.366	ng	99
36) Benzo(k)fluoranthene	23.17	252	57080	0.358	ng	99
37) Benzo(a)pyrene	23.78	252	47917	0.340	ng	# 98
38) Dibenzo(a,h)anthracene	26.58	278	39423	0.315	ng	# 92
39) Benzo(g,h,i)perylene	27.37	276	37755	0.301	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

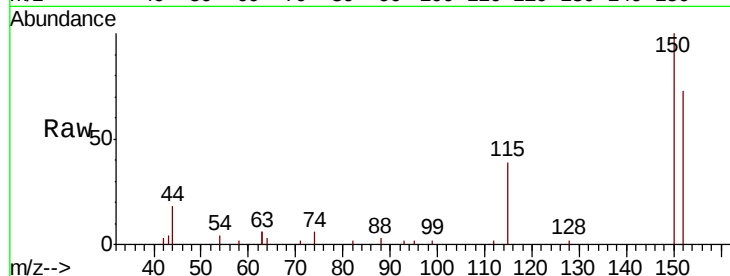
Tgt Ion:152 Resp: 4672

Ion Ratio Lower Upper

152 100

150 136.2 112.8 169.2

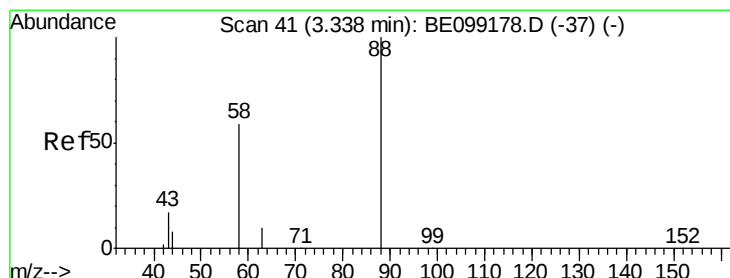
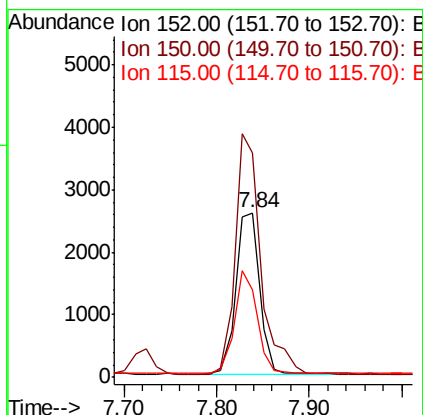
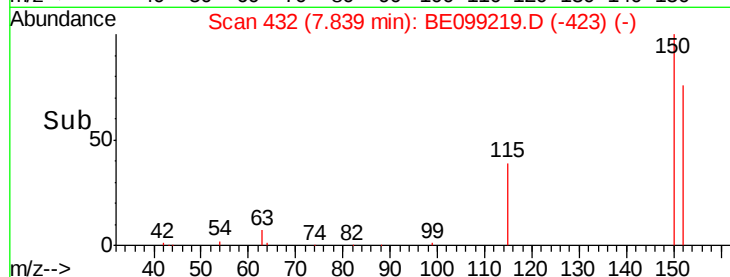
115 52.8 45.1 67.7



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: 0.334 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

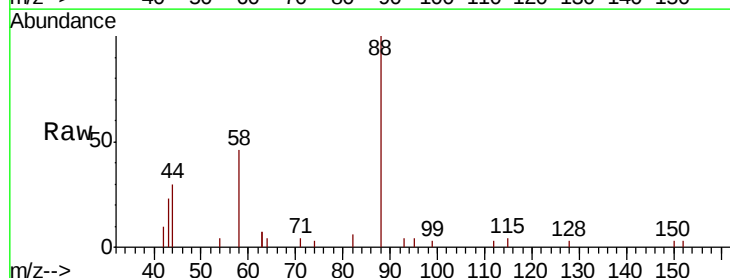
Tgt Ion: 88 Resp: 2058

Ion Ratio Lower Upper

88 100

58 58.7 47.4 71.0

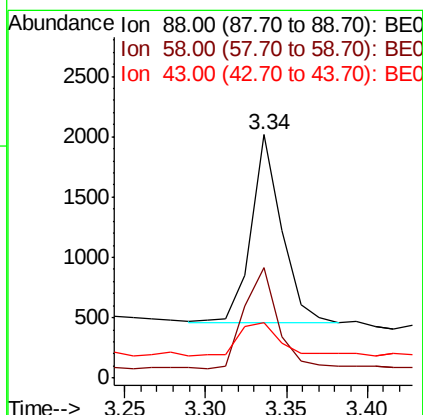
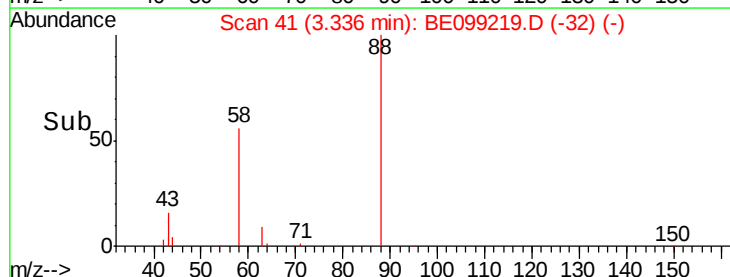
43 23.8 15.6 23.4#



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: 0.313 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

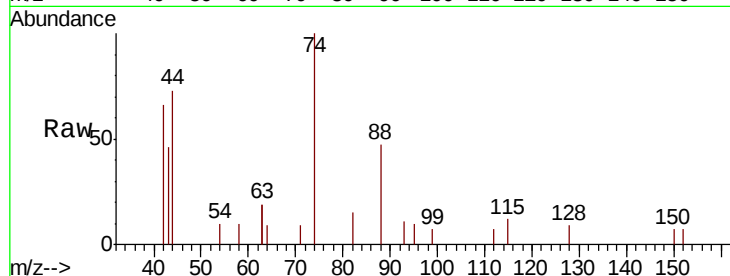
Tgt Ion: 42 Resp: 1080

Ion Ratio Lower Upper

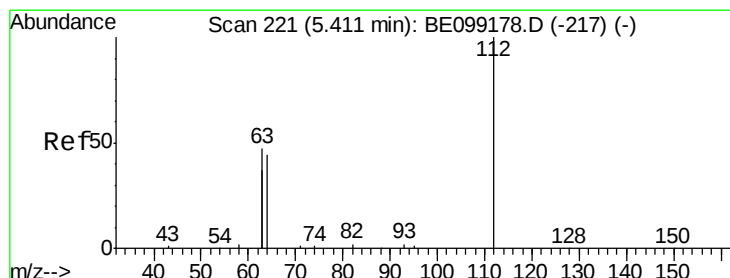
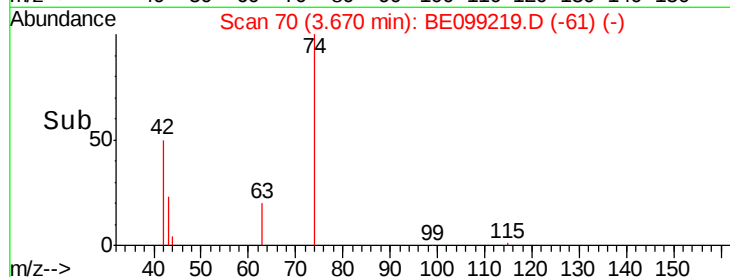
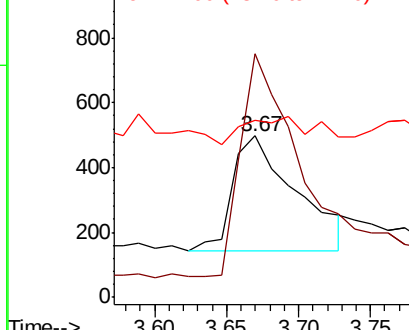
42 100

74 177.8 138.6 207.8

44 0.0 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.340 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

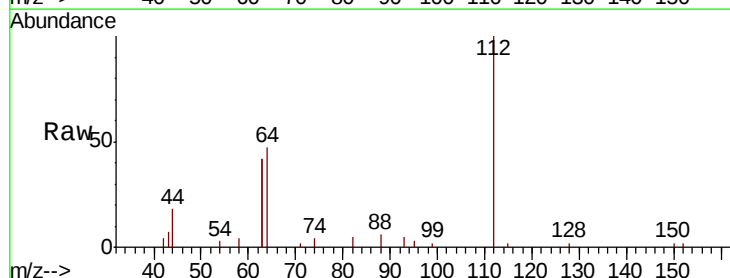
Tgt Ion: 112 Resp: 4745

Ion Ratio Lower Upper

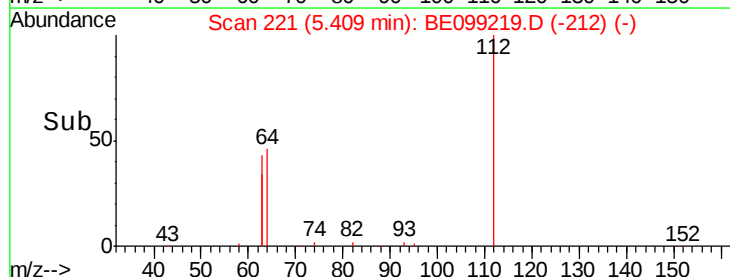
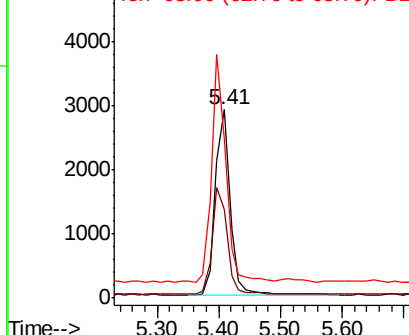
112 100

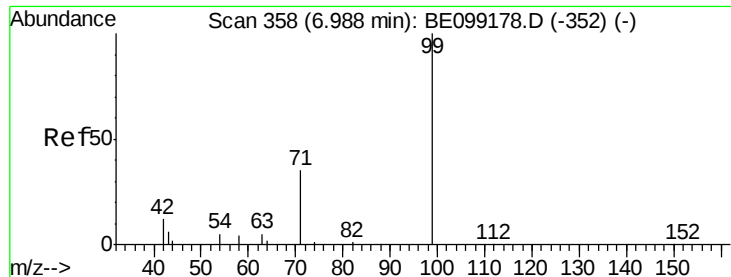
64 58.4 46.2 69.2

63 115.8 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.348 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

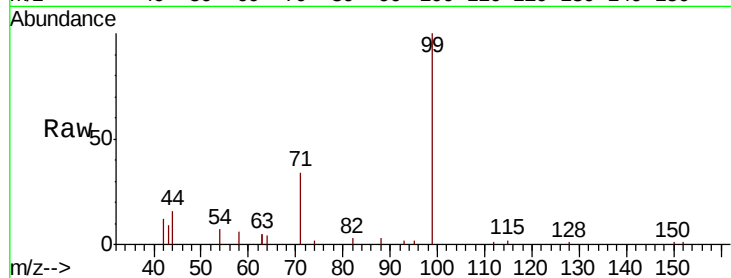
Tgt Ion: 99 Resp: 7426

Ion Ratio Lower Upper

99 100

42 15.0 12.4 18.6

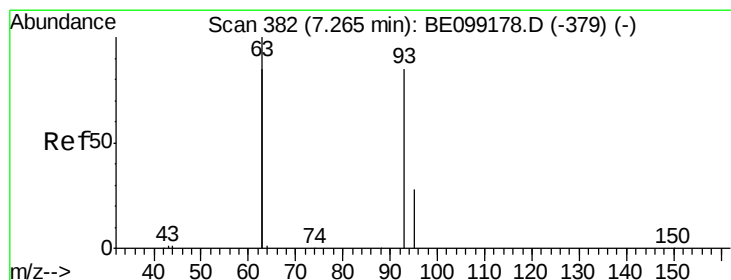
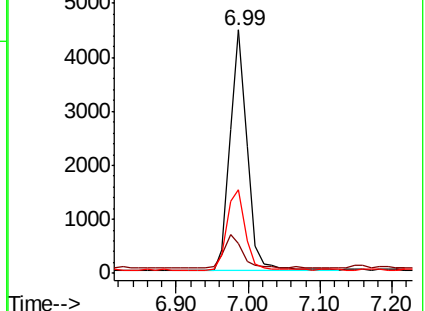
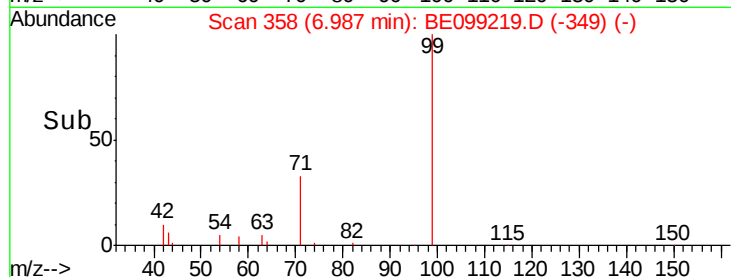
71 35.6 28.4 42.6



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: 0.340 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

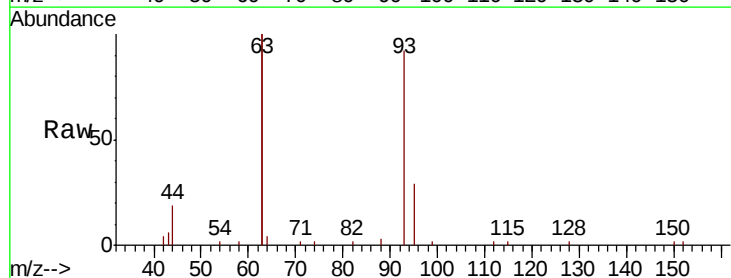
Tgt Ion: 93 Resp: 5692

Ion Ratio Lower Upper

93 100

63 279.5 221.4 332.0

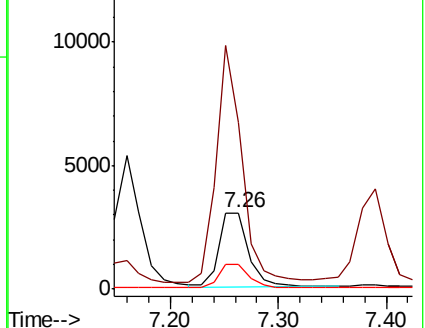
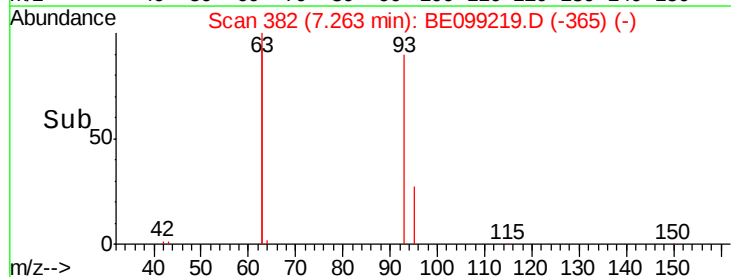
95 31.3 25.8 38.8



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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 20940

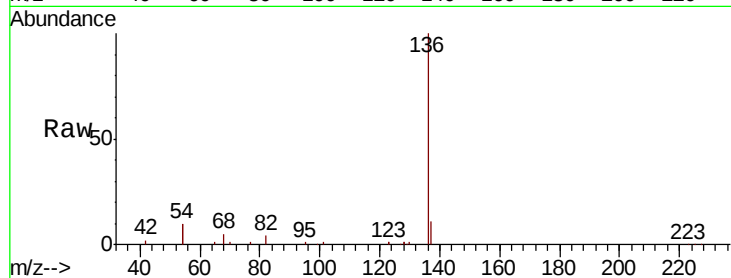
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 19.0 18.7 28.1

68 5.1 5.2 7.8#

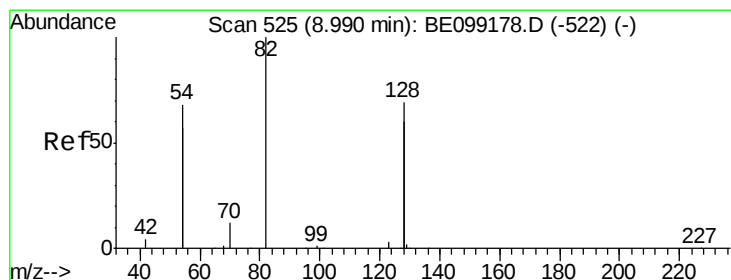
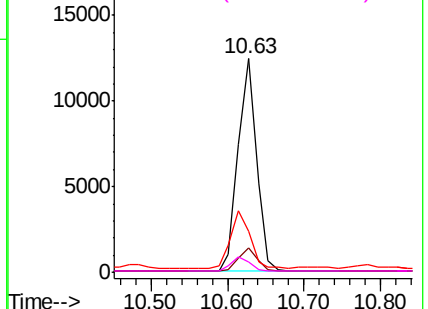
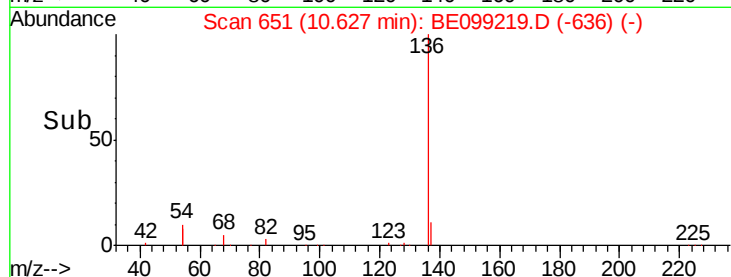


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.354 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

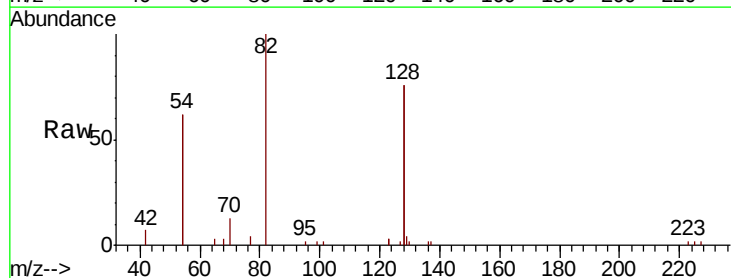
Tgt Ion: 82 Resp: 6059

Ion Ratio Lower Upper

82 100

128 151.6 107.5 161.3

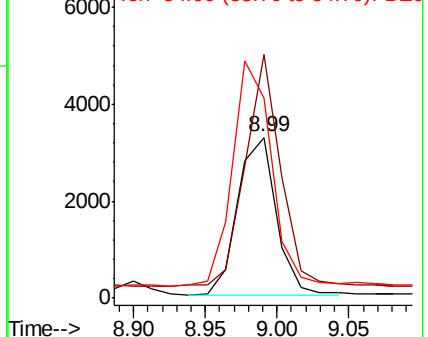
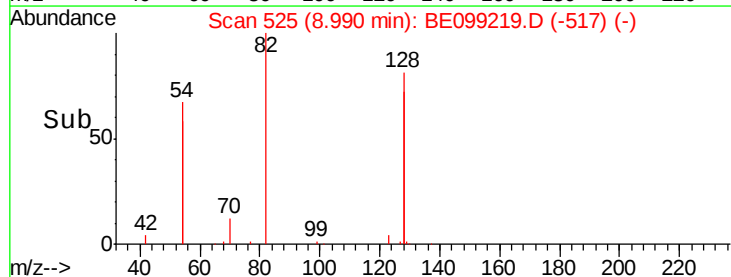
54 124.9 106.3 159.5

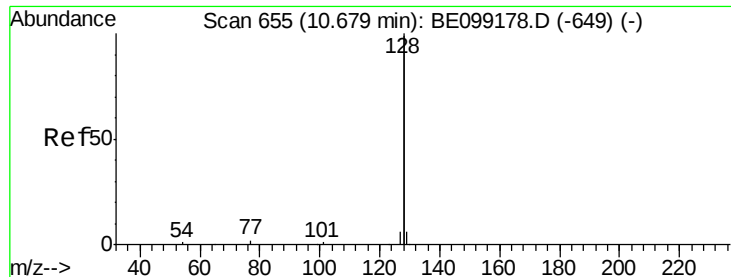


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.357 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

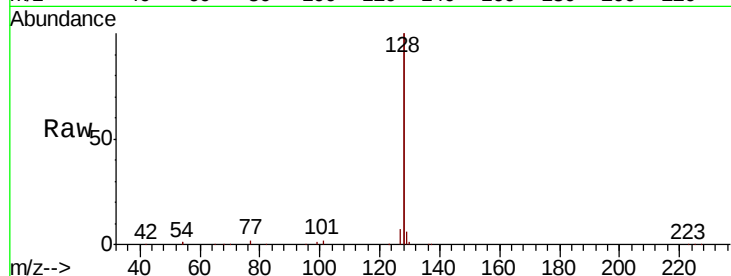
Tgt Ion:128 Resp: 88242

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

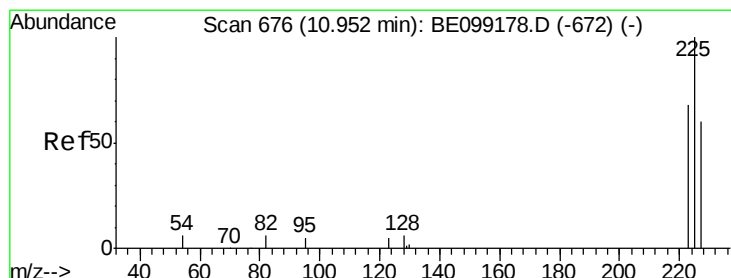
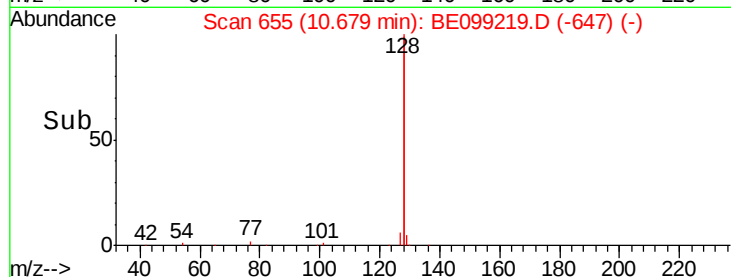
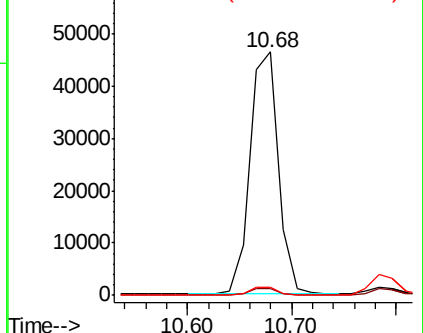
127 3.3 2.6 3.8



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: 0.363 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

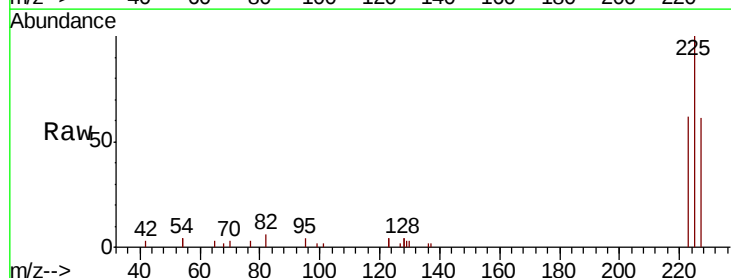
Tgt Ion:225 Resp: 4783

Ion Ratio Lower Upper

225 100

223 62.0 51.3 76.9

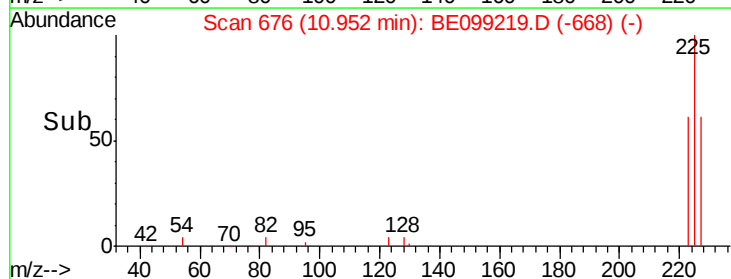
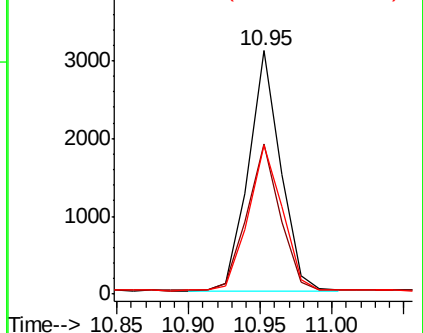
227 64.2 48.6 73.0

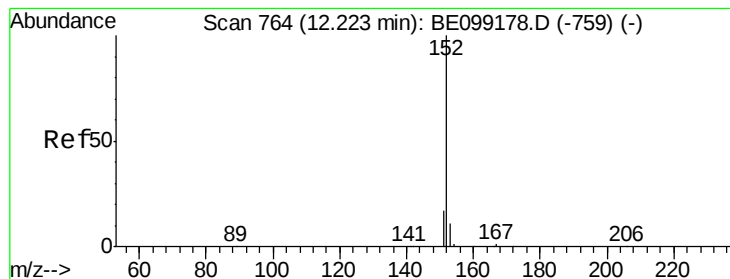


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.364 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

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ClientSampleId :

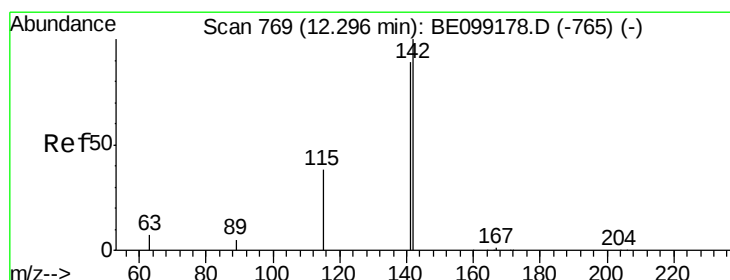
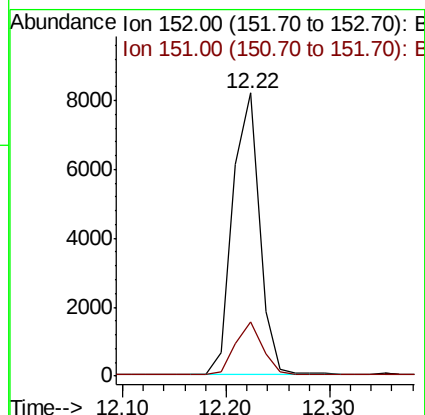
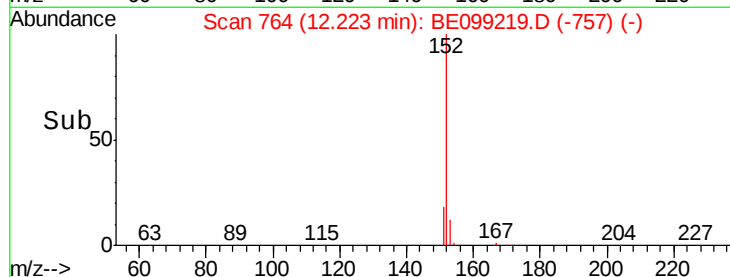
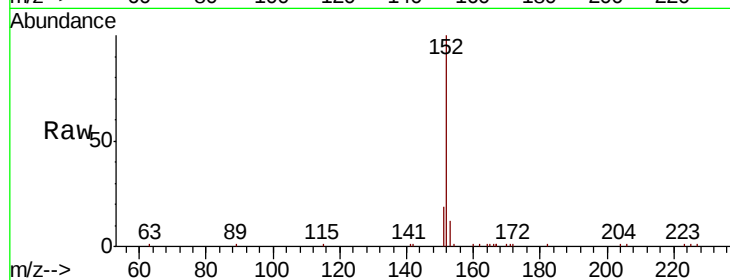
SSTDCCC0.4

Tgt Ion:152 Resp: 14676

Ion Ratio Lower Upper

152 100

151 18.6 15.0 22.6



#12

2-Methylnaphthalene

Concen: 0.355 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

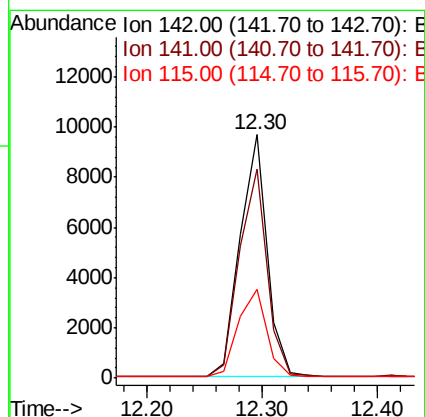
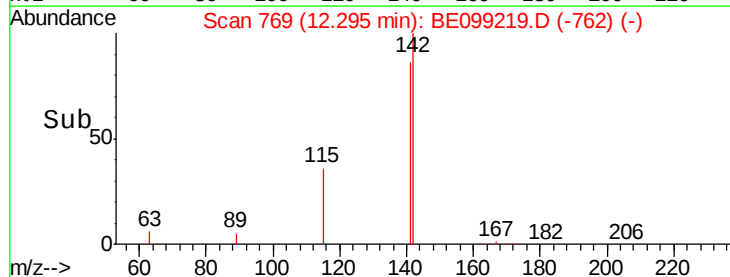
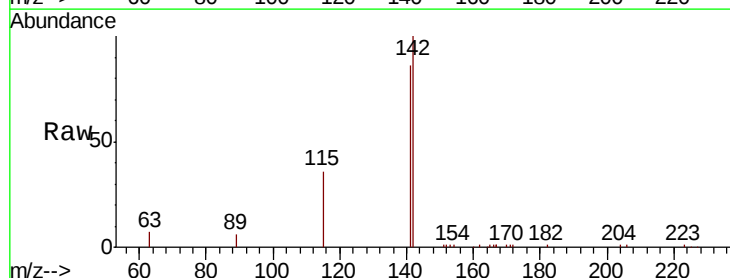
Tgt Ion:142 Resp: 15657

Ion Ratio Lower Upper

142 100

141 85.9 71.3 106.9

115 36.2 30.4 45.6

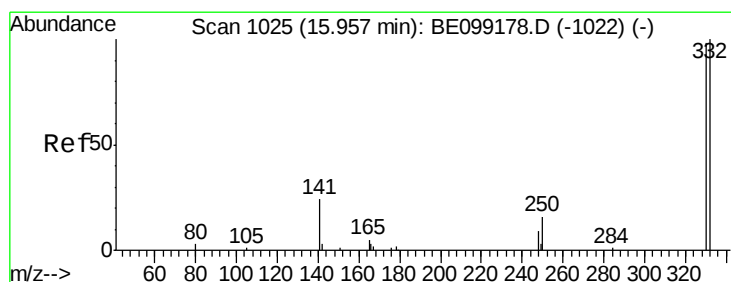
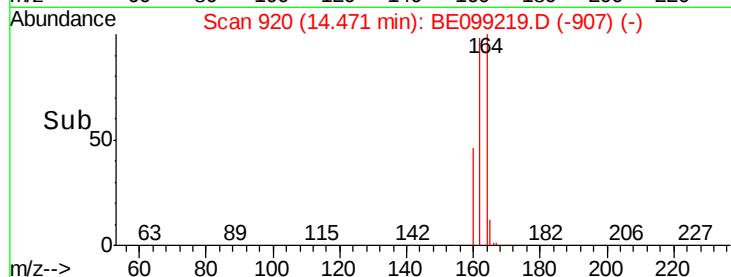
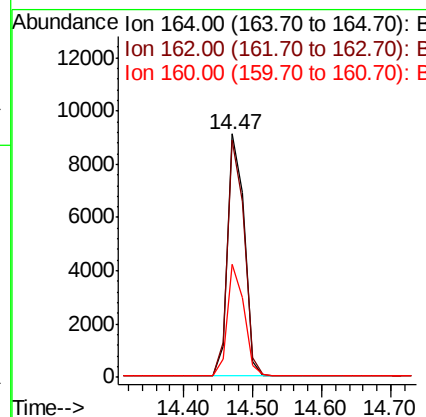
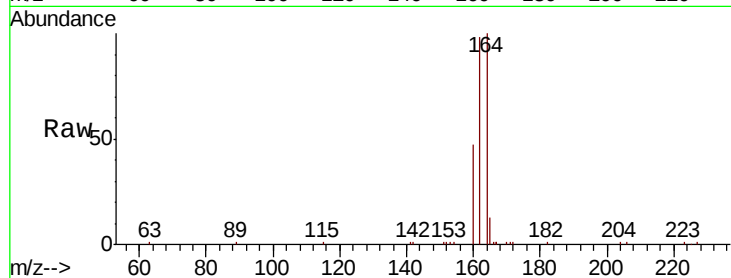




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

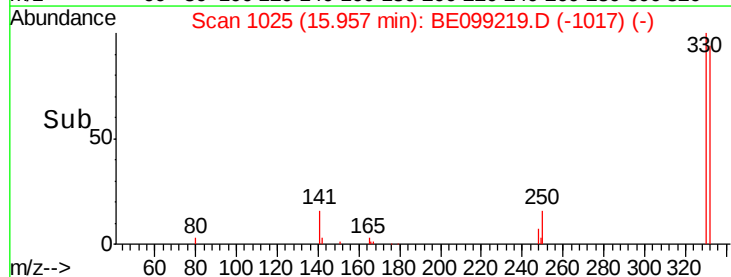
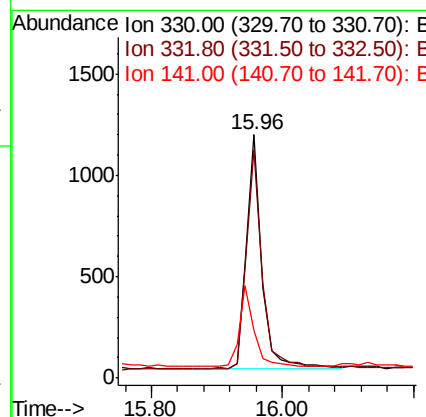
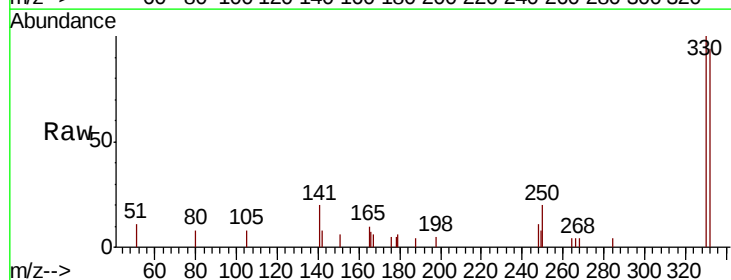
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 15354
Ion Ratio Lower Upper
164 100
162 97.7 79.2 118.8
160 46.7 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.447 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:330 Resp: 1902
Ion Ratio Lower Upper
330 100
332 95.8 71.3 106.9
141 33.4 21.7 32.5#

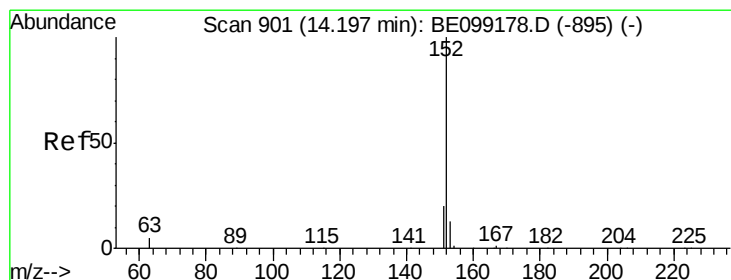
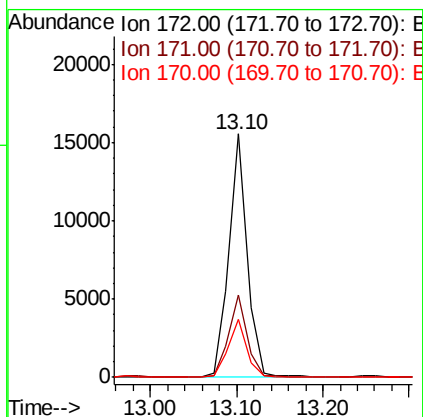
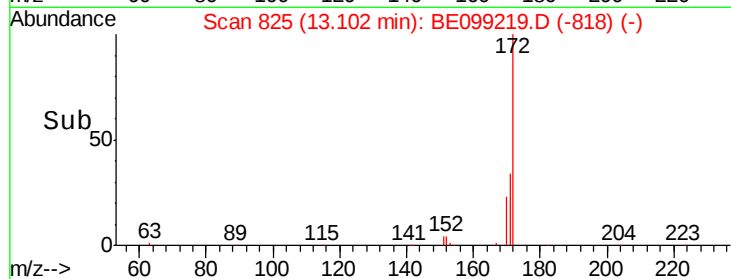
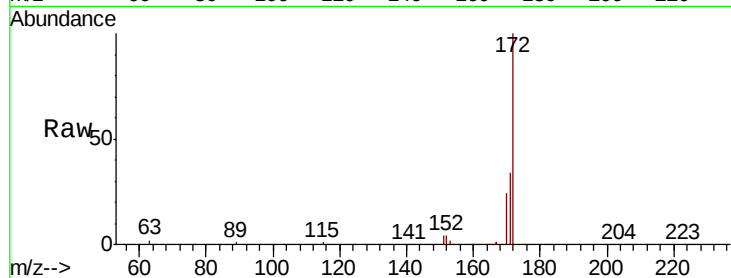




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

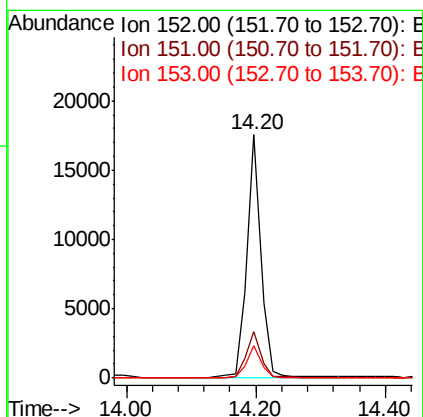
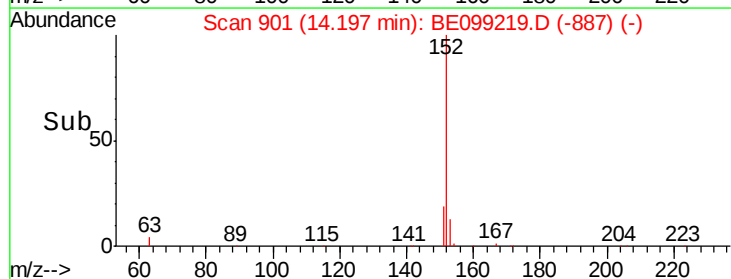
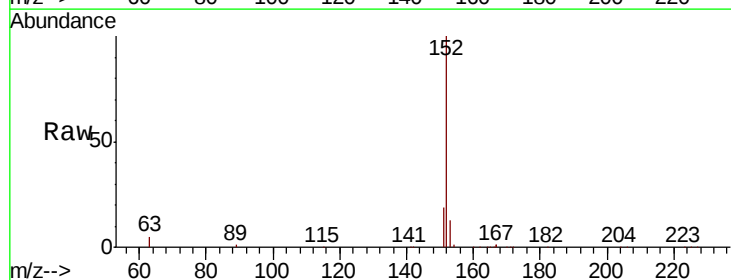
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

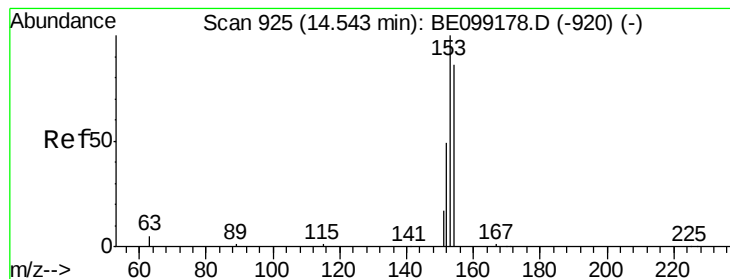
Tgt Ion:172 Resp: 22467
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 23.7 19.1 28.7



#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:152 Resp: 26253
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

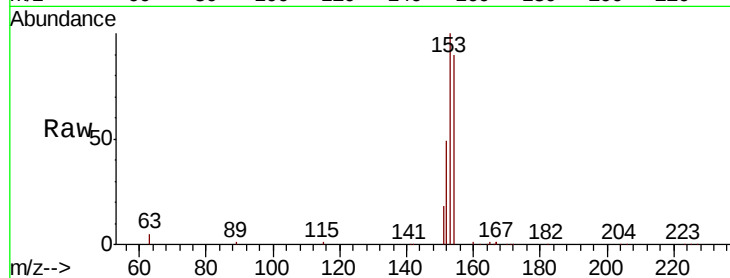
Tgt Ion:154 Resp: 16494

Ion Ratio Lower Upper

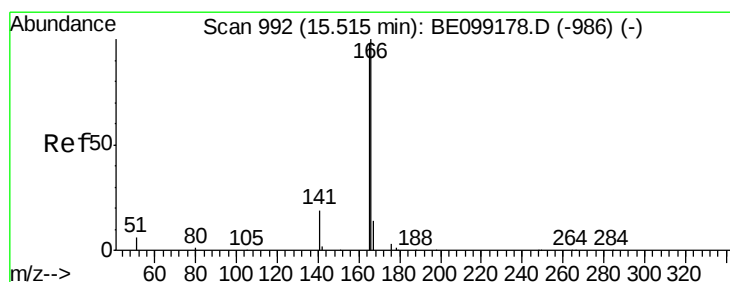
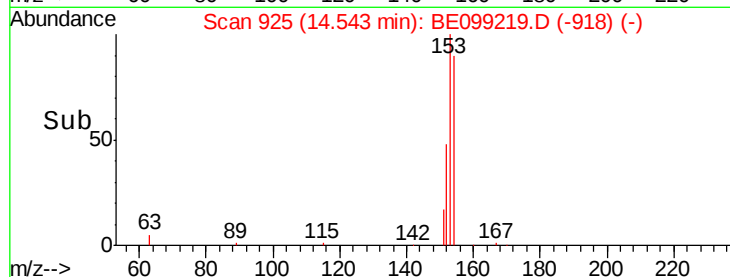
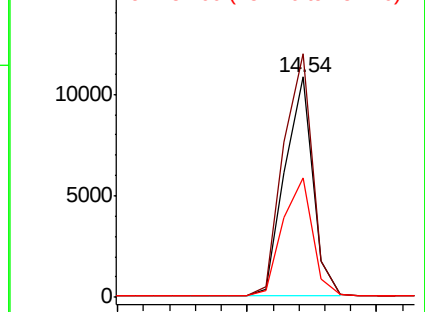
154 100

153 114.3 93.4 140.0

152 56.6 46.6 69.8



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: 0.351 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

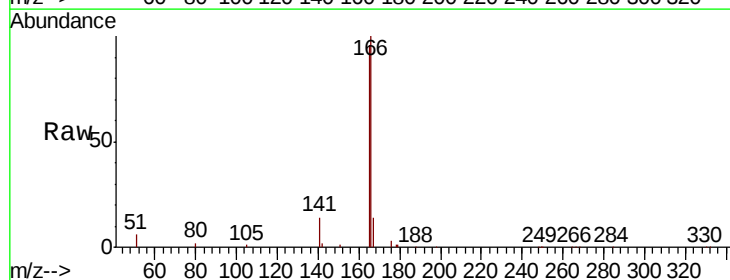
Tgt Ion:166 Resp: 23099

Ion Ratio Lower Upper

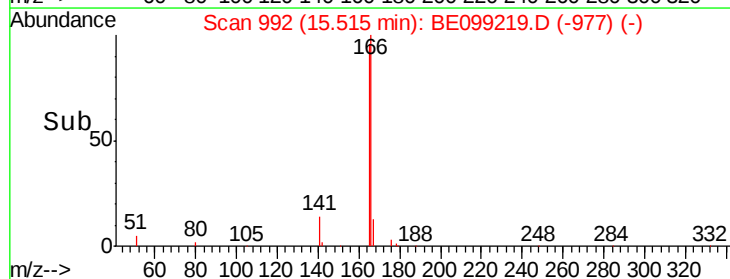
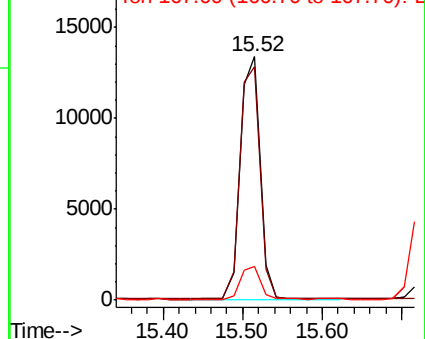
166 100

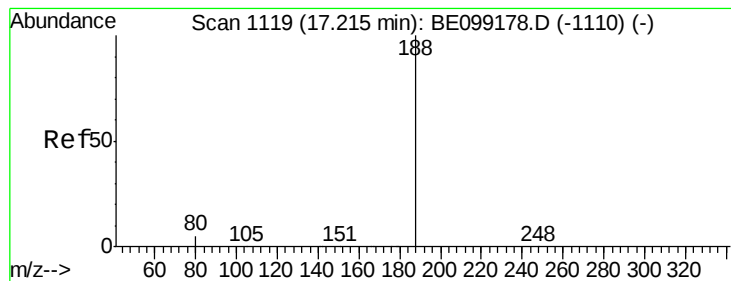
165 98.1 78.9 118.3

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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

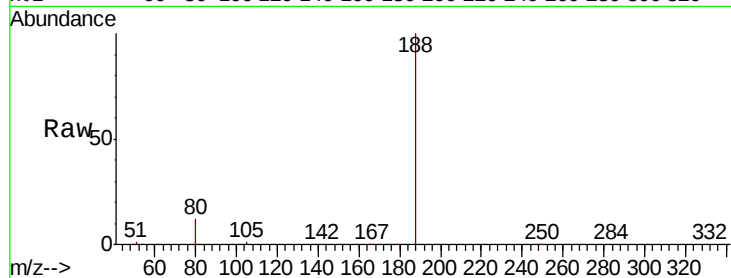
Tgt Ion:188 Resp: 40019

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

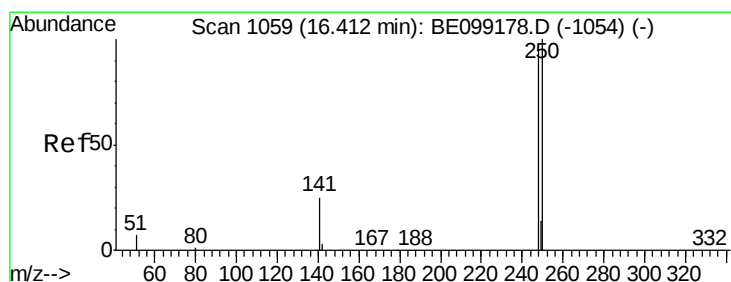
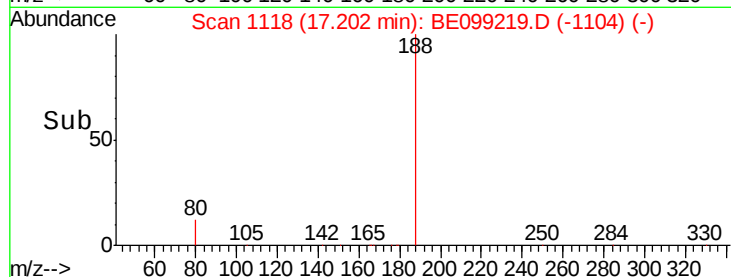
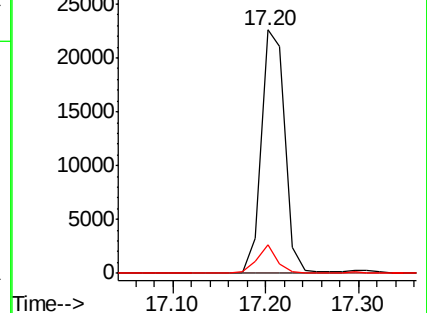
80 11.9 4.5 6.7#



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: 0.331 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

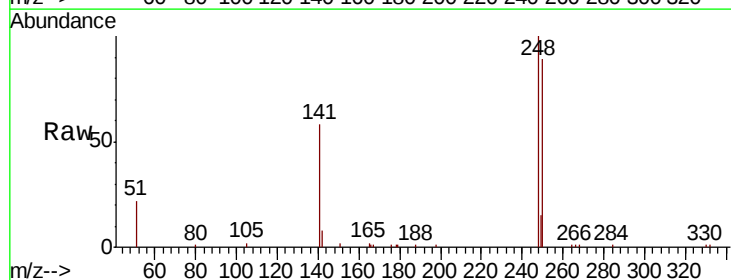
Tgt Ion:248 Resp: 8554

Ion Ratio Lower Upper

248 100

250 89.3 84.2 126.2

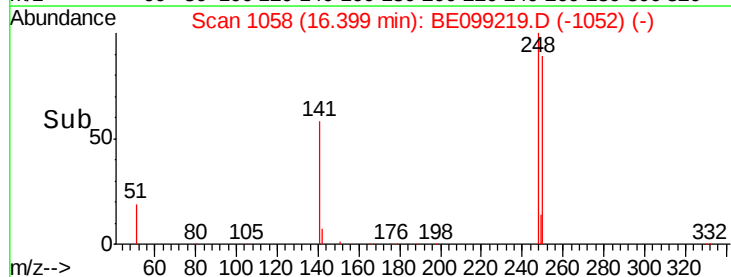
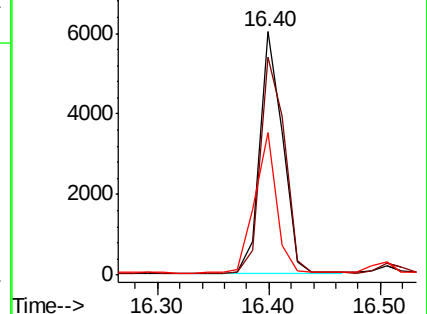
141 58.4 21.8 32.6#

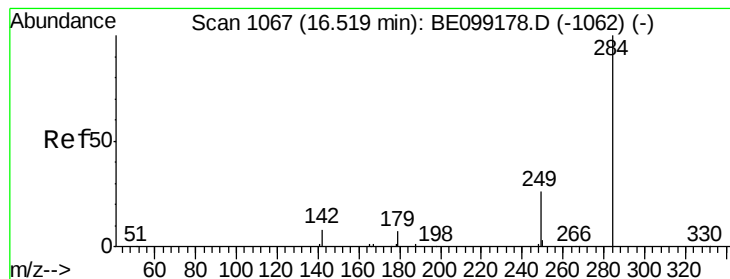


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.336 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

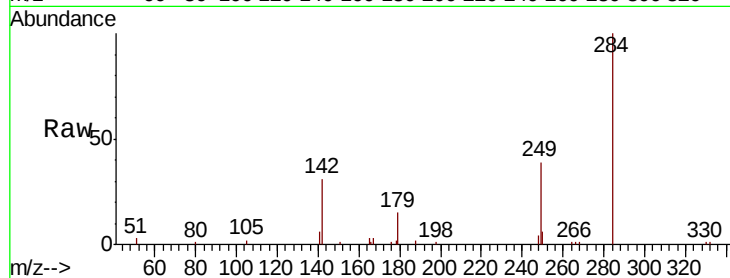
Tgt Ion:284 Resp: 8387

Ion Ratio Lower Upper

284 100

142 28.6 22.7 34.1

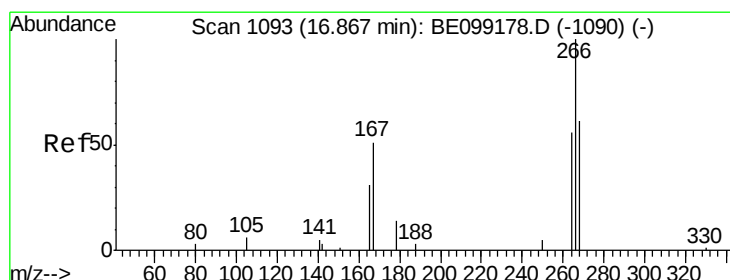
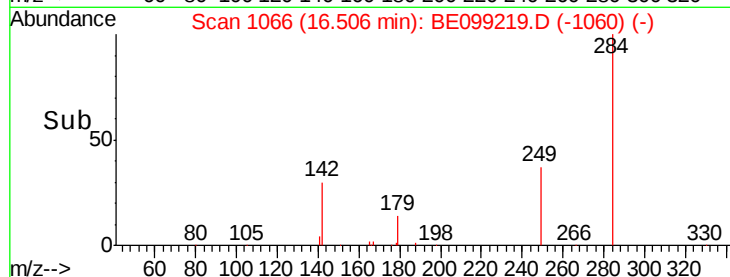
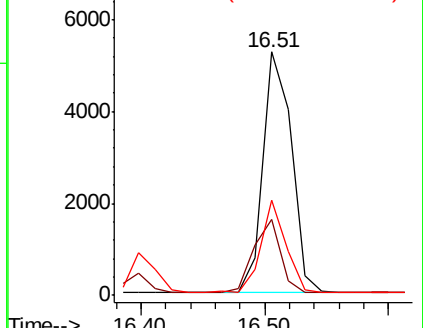
249 33.2 26.9 40.3



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: 0.678 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

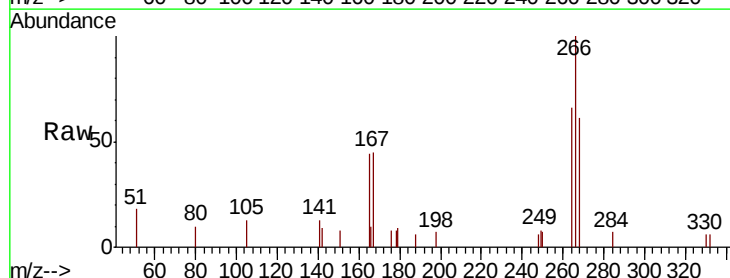
Tgt Ion:266 Resp: 1674

Ion Ratio Lower Upper

266 100

264 65.9 54.4 81.6

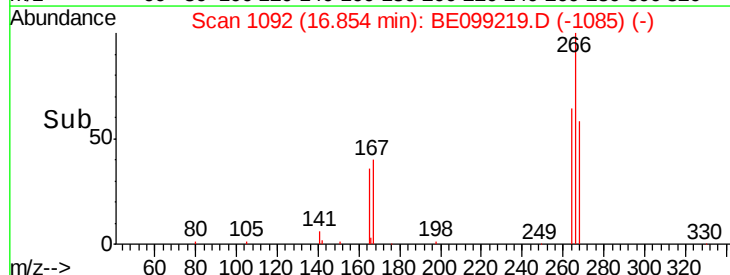
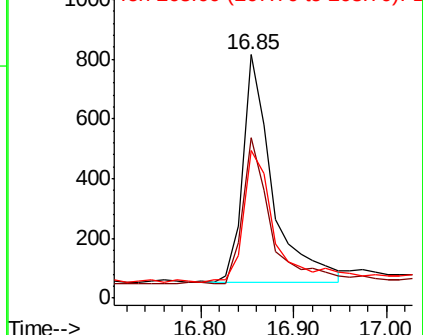
268 60.9 61.3 91.9#

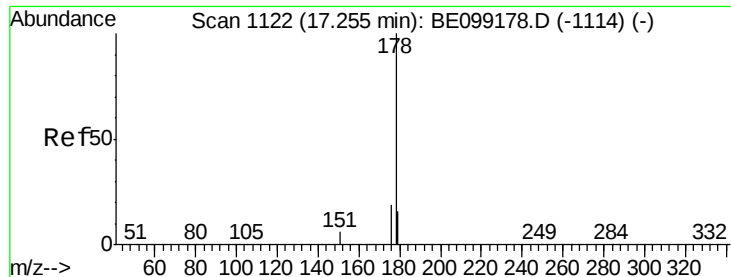


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.341 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

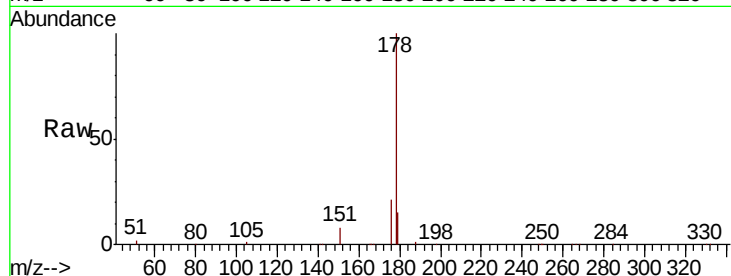
Tgt Ion:178 Resp: 40040

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

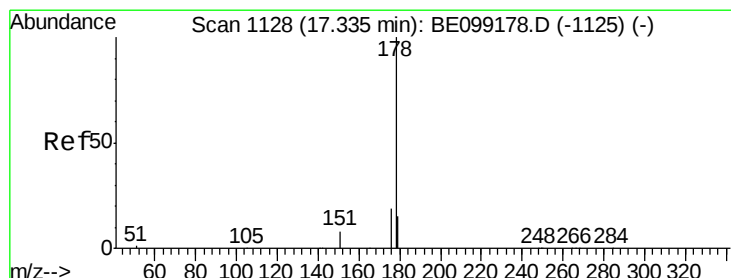
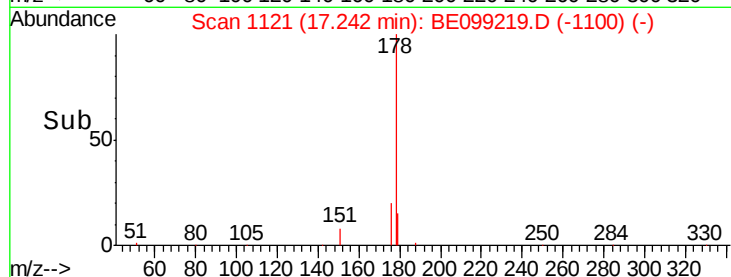
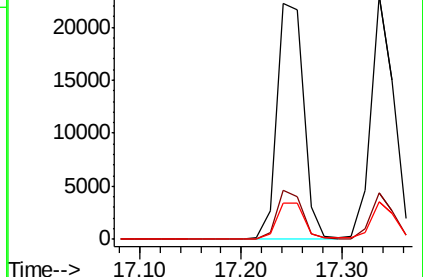
179 15.4 12.3 18.5



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: 0.336 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

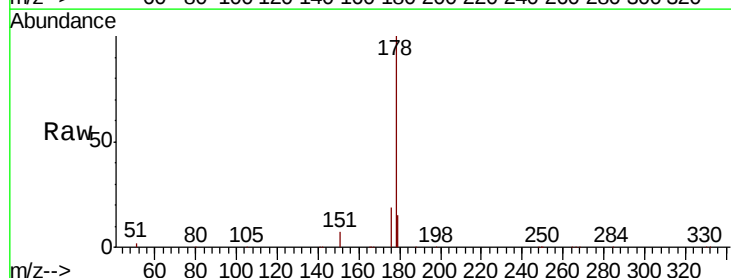
Tgt Ion:178 Resp: 35636

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

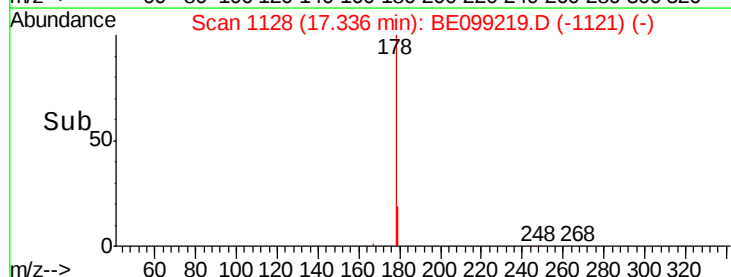
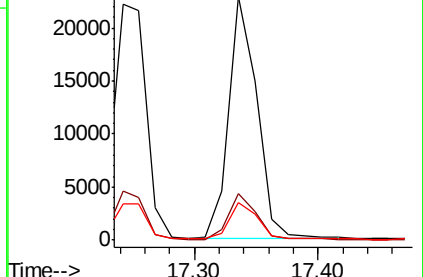
179 15.3 12.4 18.6

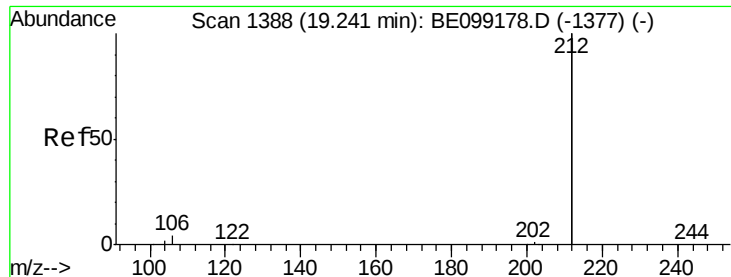


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

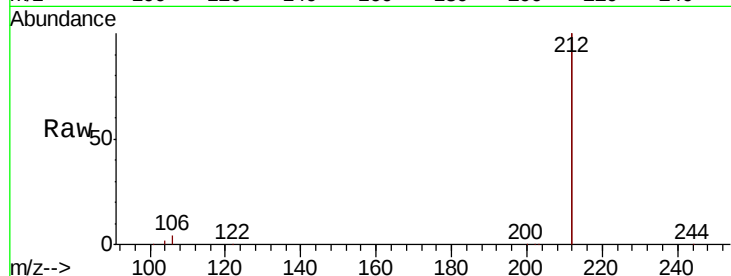
Tgt Ion:212 Resp: 174534

Ion Ratio Lower Upper

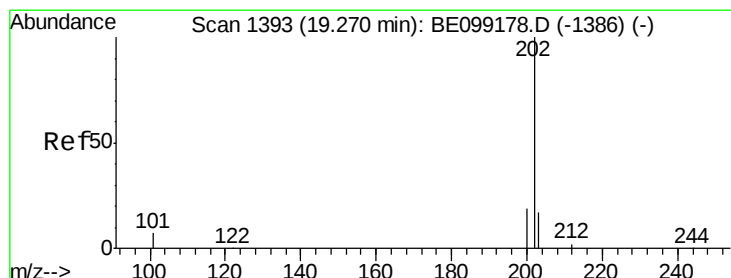
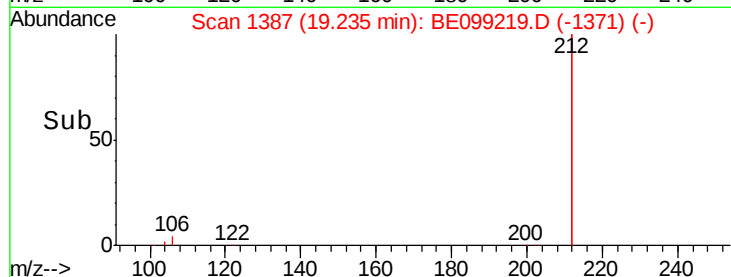
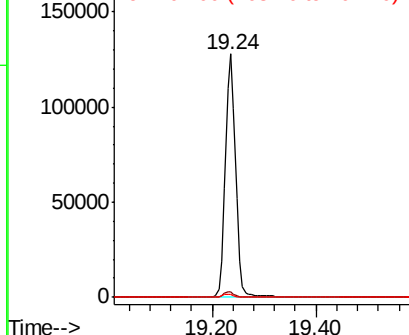
212 100

106 2.3 1.8 2.8

104 1.3 1.1 1.7



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: 0.344 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

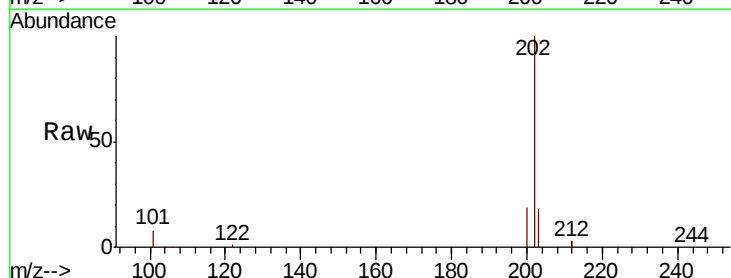
Tgt Ion:202 Resp: 51634

Ion Ratio Lower Upper

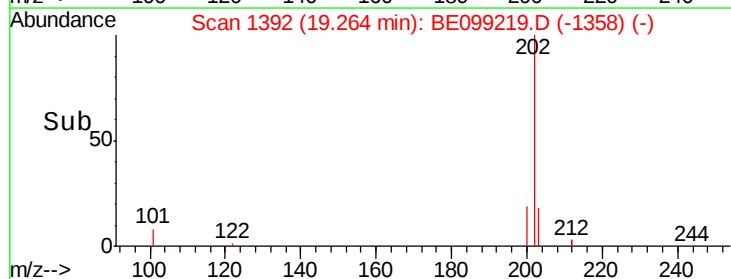
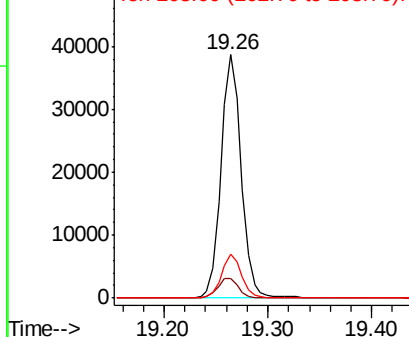
202 100

101 8.5 7.0 10.4

203 17.3 13.8 20.6



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

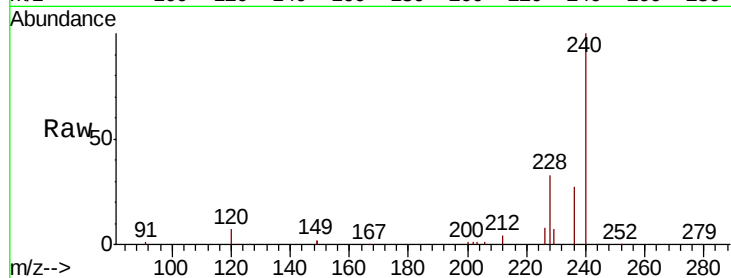
Tgt Ion:240 Resp: 47184

Ion Ratio Lower Upper

240 100

120 6.7 2.6 3.8#

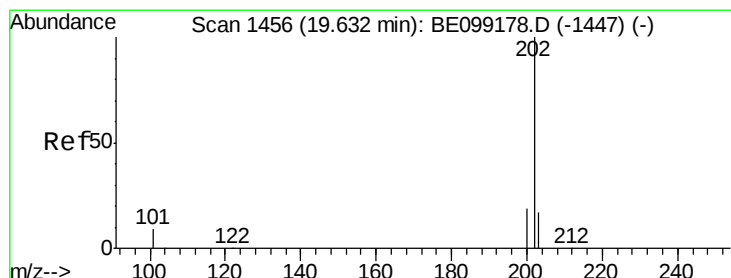
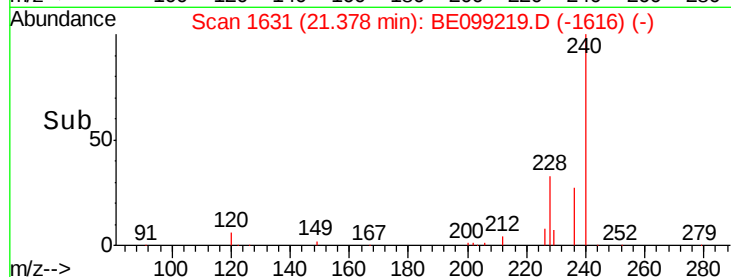
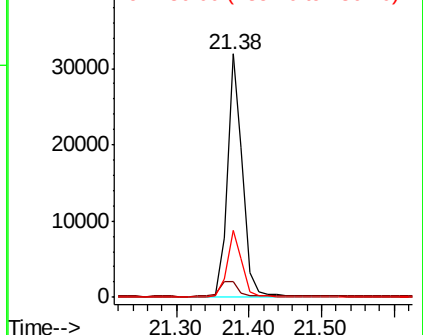
236 27.4 20.9 31.3



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: 0.337 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

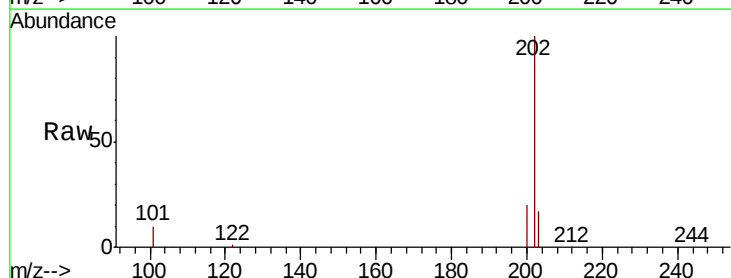
Tgt Ion:202 Resp: 52836

Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

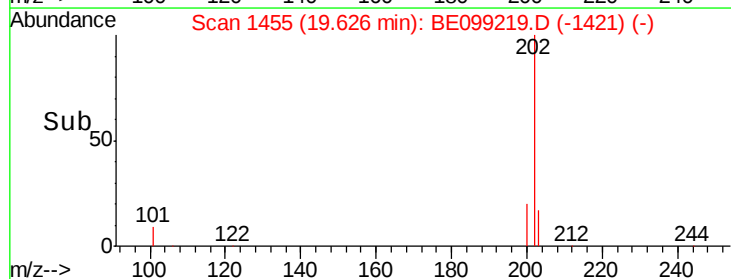
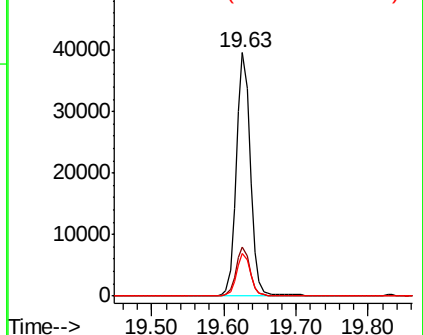
203 17.1 14.1 21.1

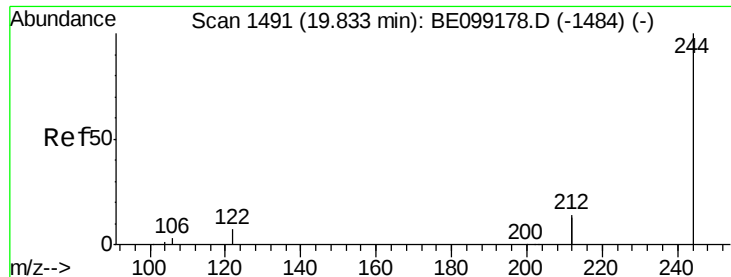


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

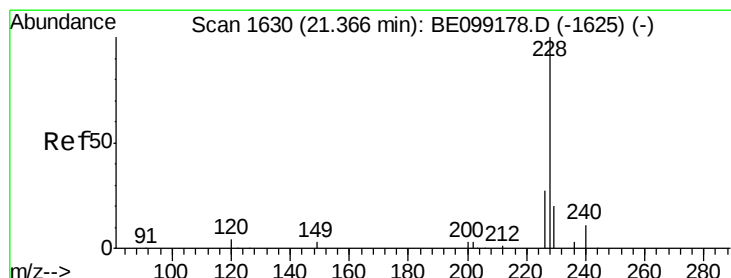
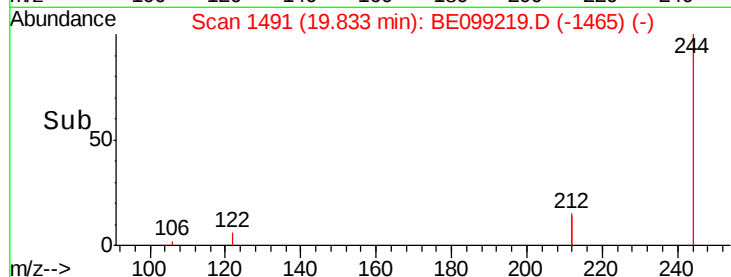
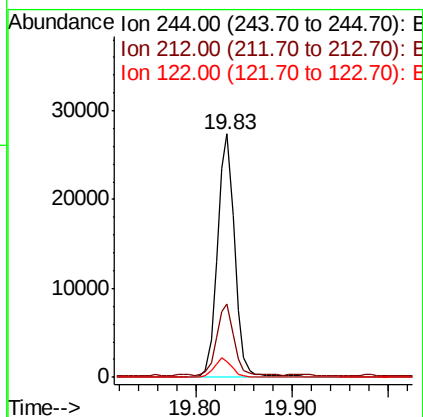
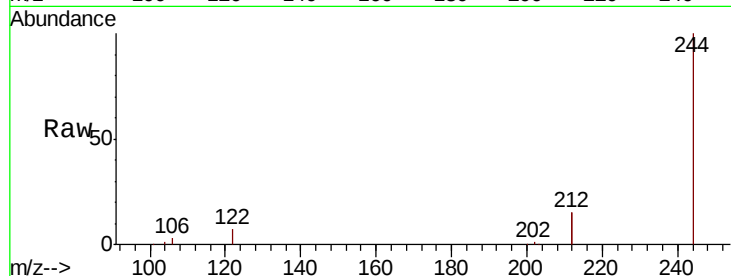




#29
 Terphenyl-d14
 Concen: 0.333 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: BE099219.D
 Acq: 26 Mar 2019 17:34

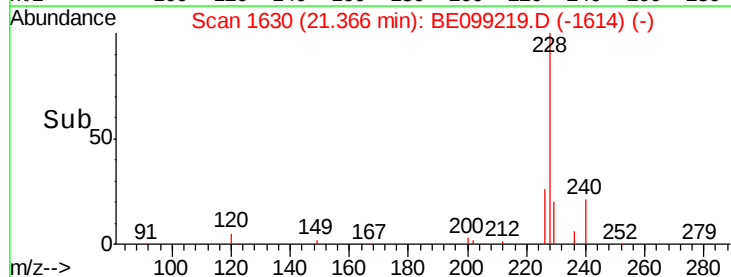
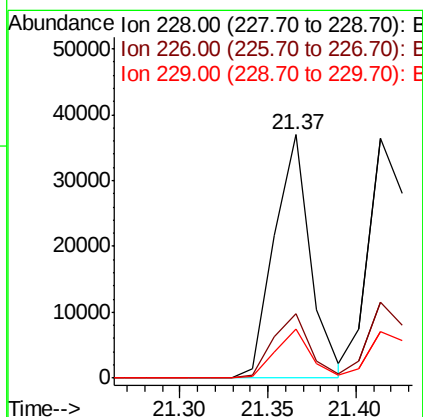
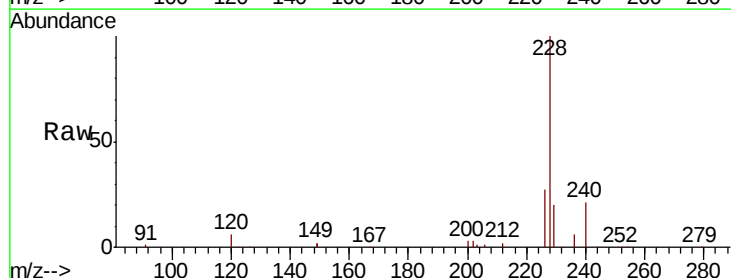
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 244 Resp: 34123
 Ion Ratio Lower Upper
 244 100
 212 30.1 22.7 34.1
 122 6.6 5.8 8.6



#30
 Benzo(a)anthracene
 Concen: 0.337 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099219.D
 Acq: 26 Mar 2019 17:34

Tgt Ion: 228 Resp: 52514
 Ion Ratio Lower Upper
 228 100
 226 26.5 21.7 32.5
 229 20.1 15.9 23.9





#31

Chrysene

Concen: 0.337 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

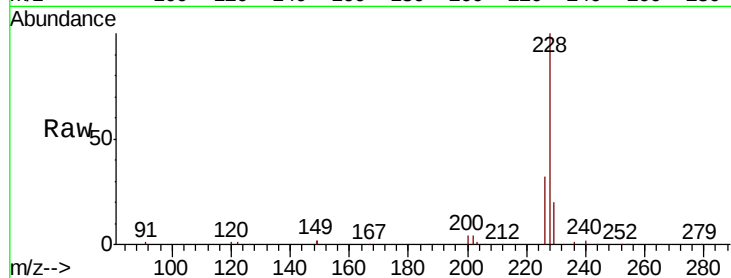
Tgt Ion:228 Resp: 56134

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

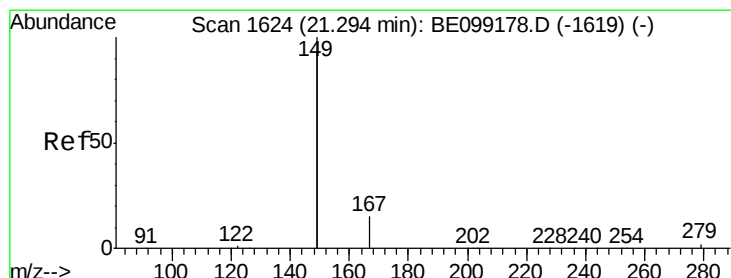
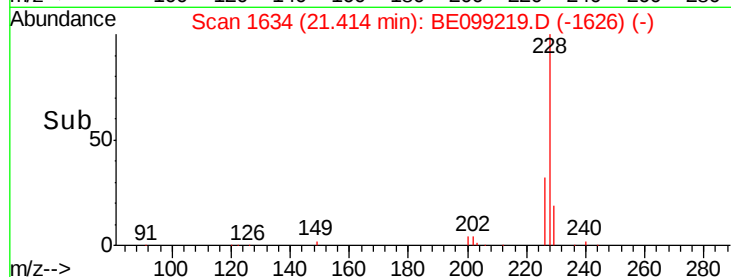
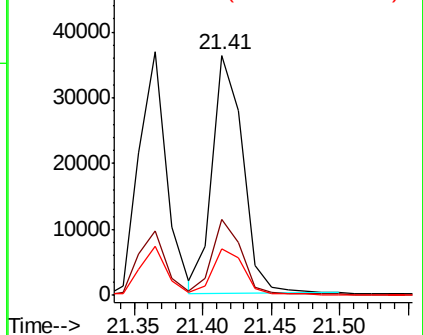
229 19.6 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.321 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

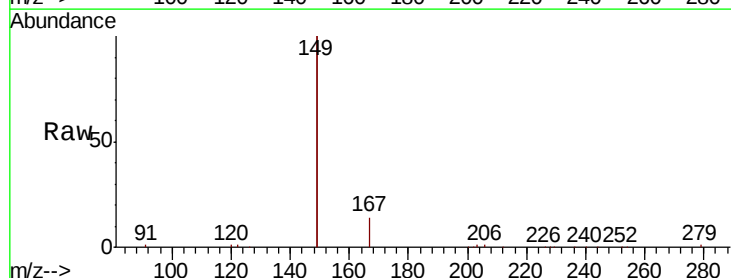
Tgt Ion:149 Resp: 59619

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

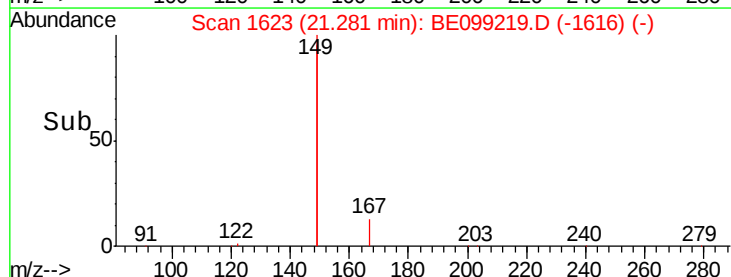
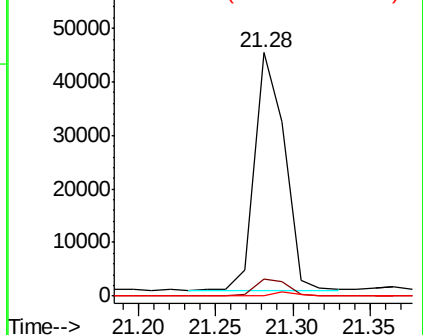
279 1.2 1.0 1.6



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: 0.301 ng

RT: 26.56 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

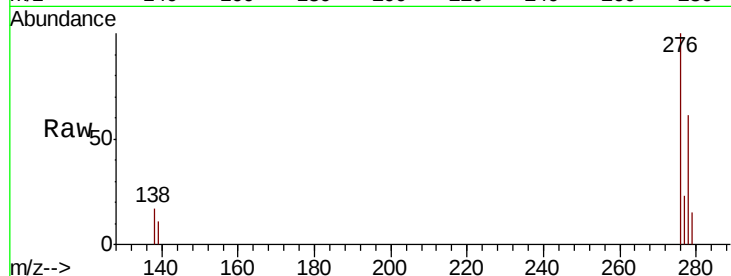
Tgt Ion:276 Resp: 47394

Ion Ratio Lower Upper

276 100

138 17.6 12.9 19.3

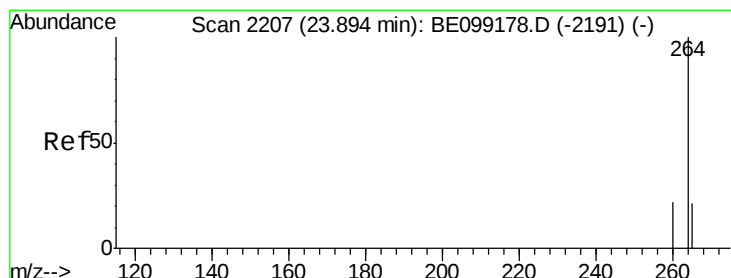
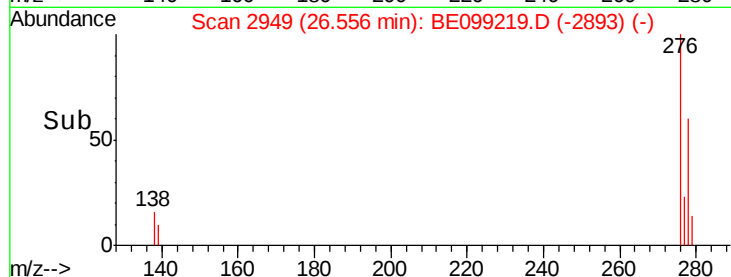
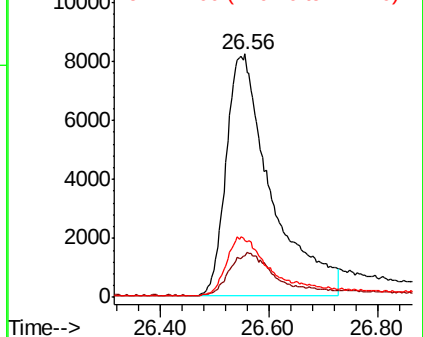
277 22.6 18.3 27.5



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: 23.89 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

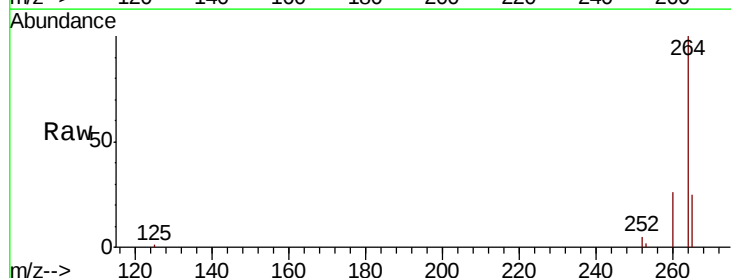
Tgt Ion:264 Resp: 45879

Ion Ratio Lower Upper

264 100

260 25.9 18.2 27.2

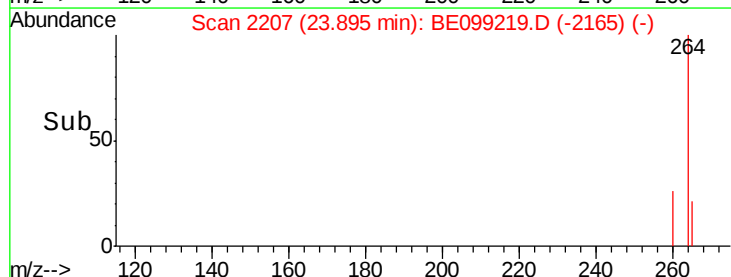
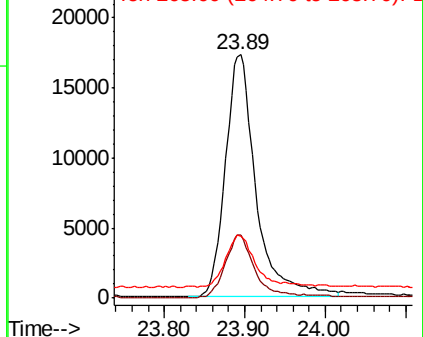
265 25.3 21.8 32.8



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

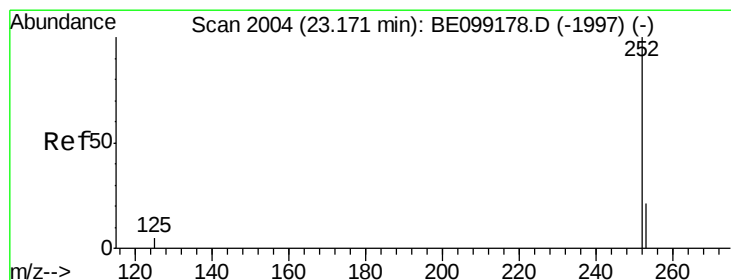
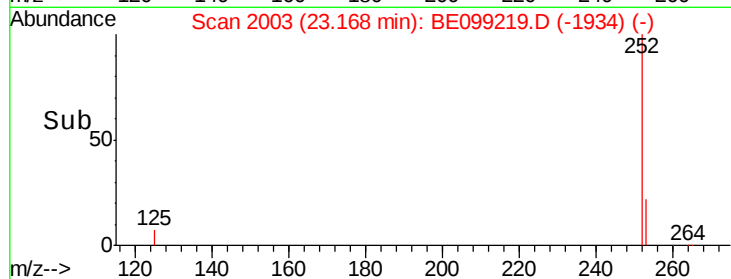
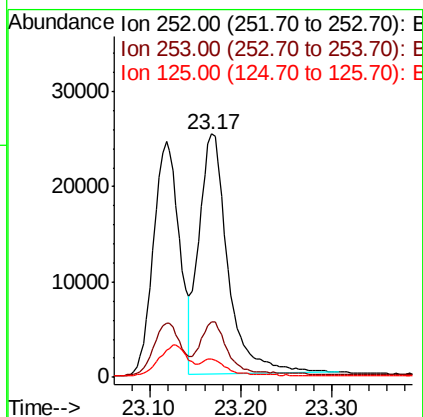
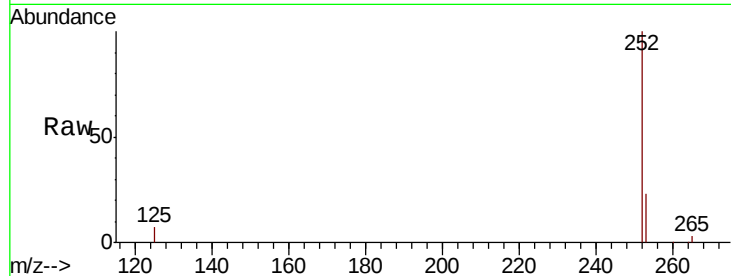




#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.05 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

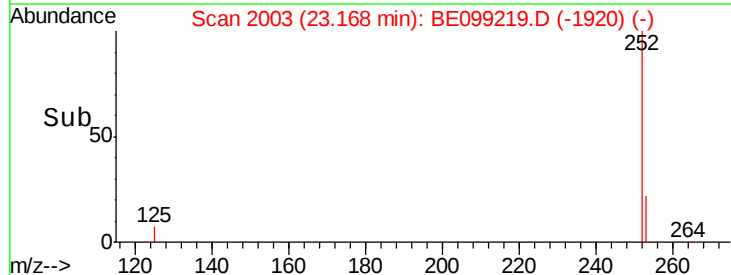
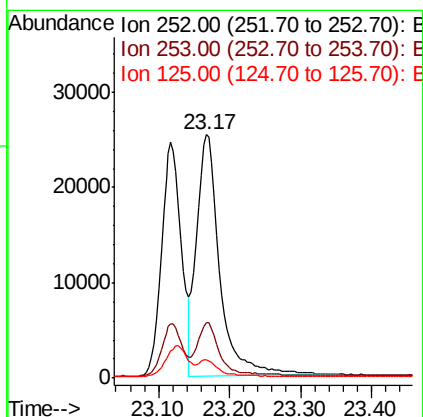
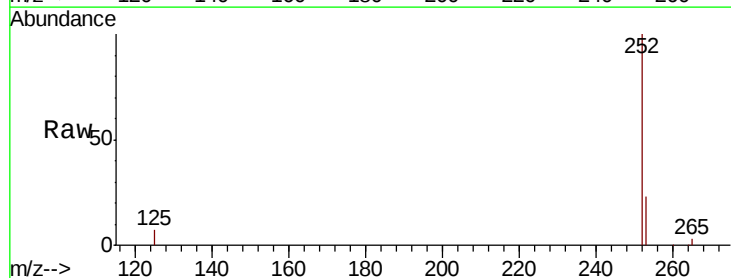
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 55188
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 7.5 6.1 9.1



#36
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099219.D
Acq: 26 Mar 2019 17:34

Tgt Ion:252 Resp: 57080
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 7.5 5.9 8.9





#37

Benzo(a)pyrene

Concen: 0.340 ng

RT: 23.78 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

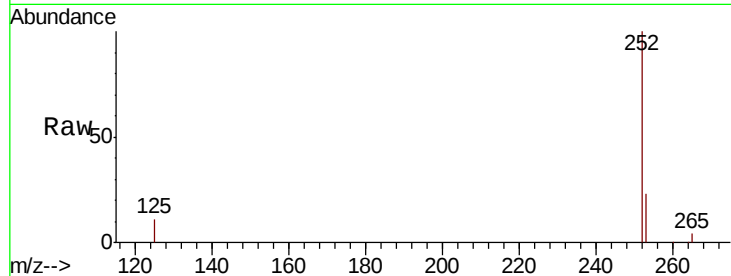
Tgt Ion: 252 Resp: 47917

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 11.3 6.8 10.2#

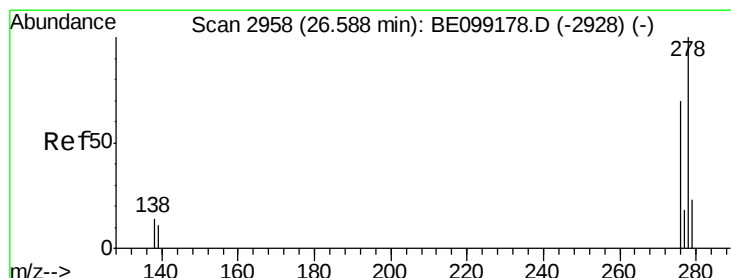
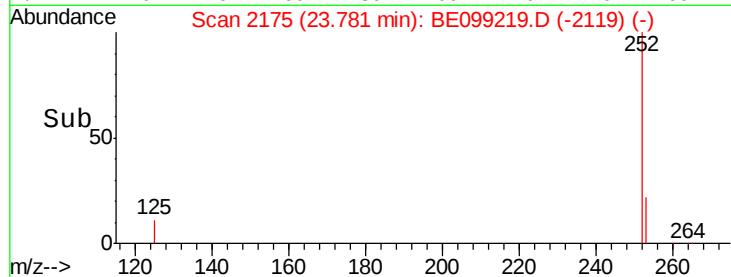
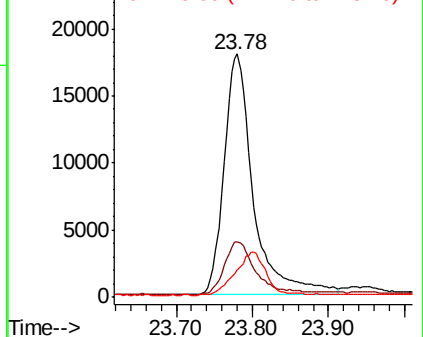


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.315 ng

RT: 26.58 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BE099219.D

Acq: 26 Mar 2019 17:34

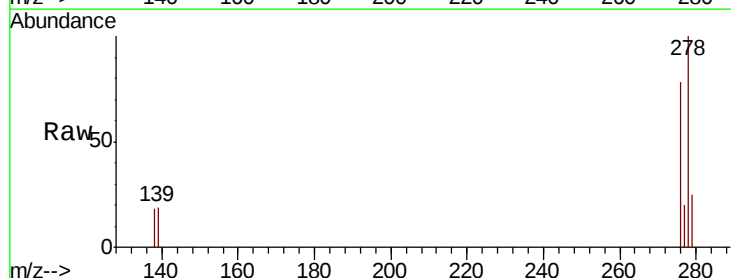
Tgt Ion: 278 Resp: 39423

Ion Ratio Lower Upper

278 100

139 19.5 9.5 14.3#

279 24.7 19.1 28.7

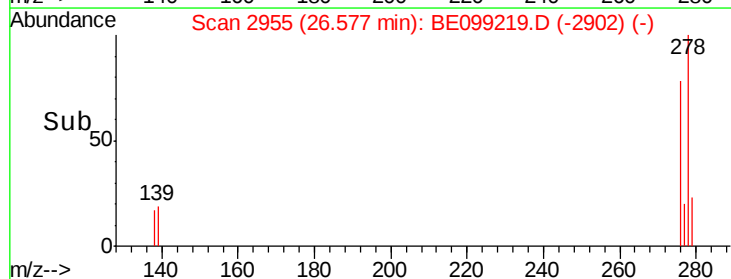
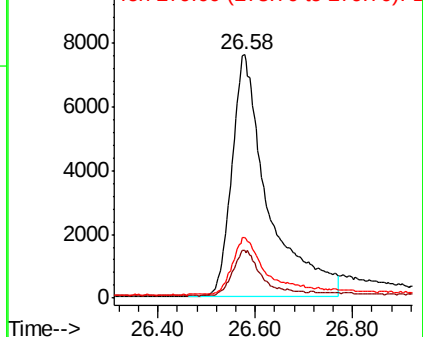


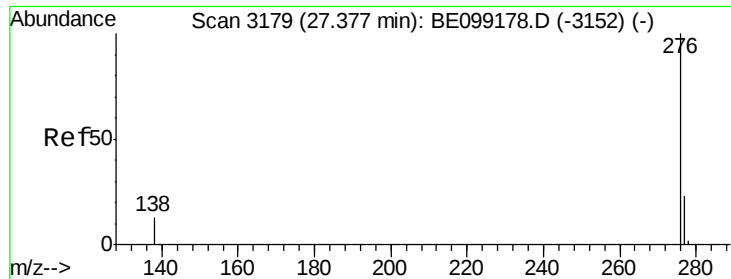
Abundance

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: 0.301 ng

RT: 27.37 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BE099219.D

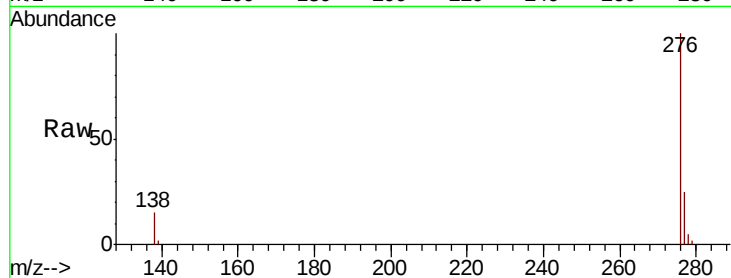
Acq: 26 Mar 2019 17:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



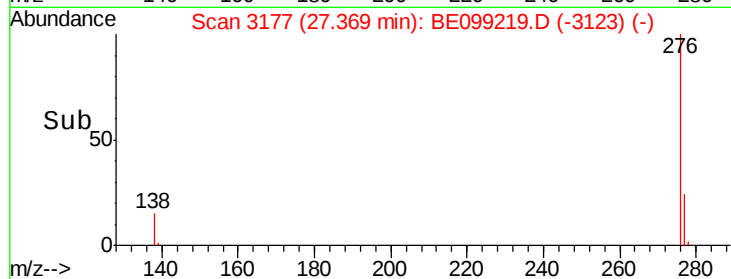
Tgt Ion: 276 Resp: 37755

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 15.5 11.1 16.7



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

