

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099265.D
 Acq On : 29 Mar 2019 22:46
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 29 23:33:09 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	7.83	152	3708	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	17352	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12736	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	33529	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	38906	0.40	ng	-0.01
34) Perylene-d12	23.89	264	37636	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	5177	0.47	ng	-0.01
5) Phenol-d6	6.99	99	7971	0.47	ng	0.00
8) Nitrobenzene-d5	8.98	82	6796	0.48	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	15292	0.46	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	2067	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	24469	0.47	ng	0.00
25) Fluoranthene-d10	19.23	212	189487	0.47	ng	-0.01
29) Terphenyl-d14	19.83	244	37909	0.45	ng	0.00

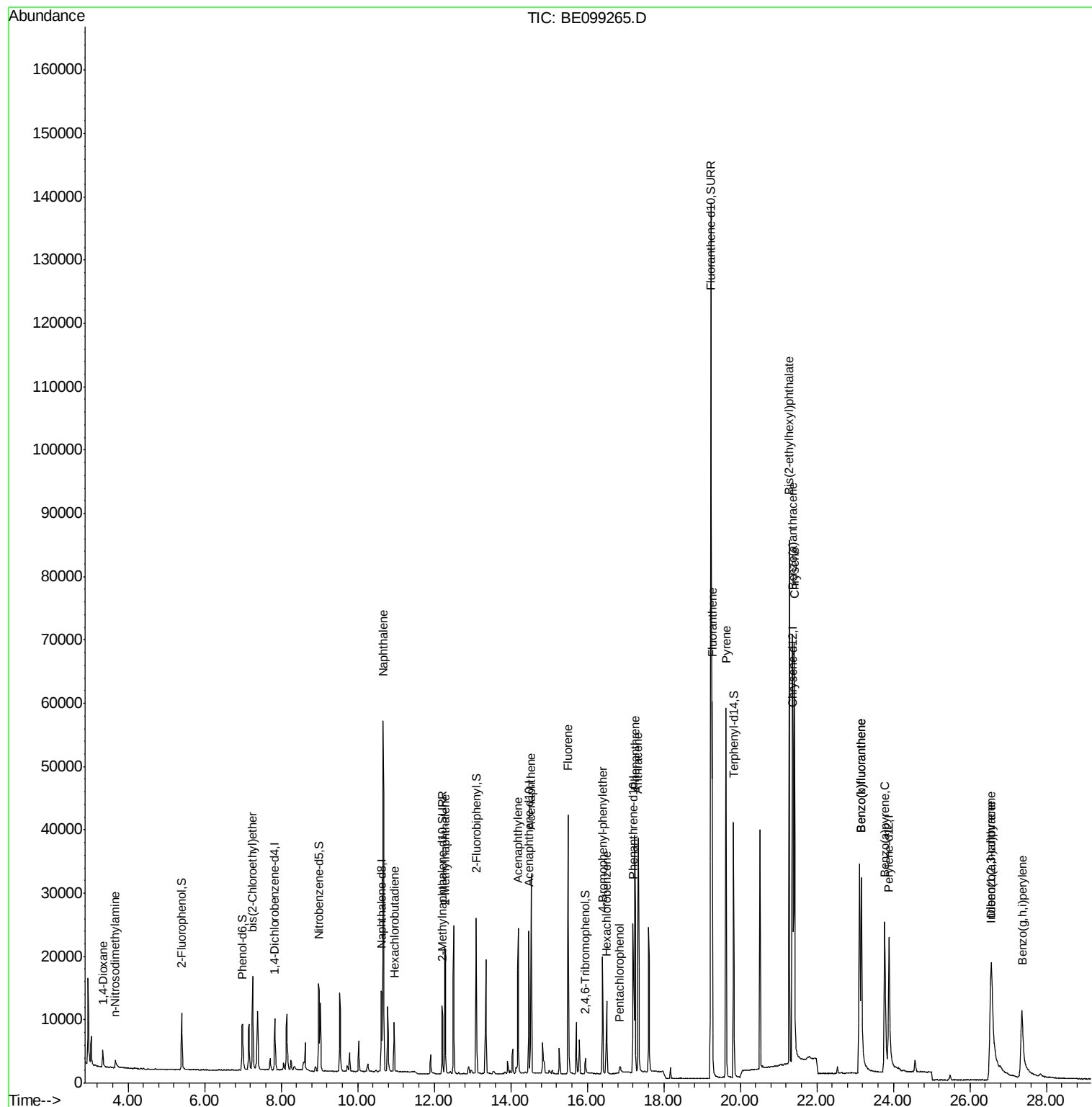
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2059	0.421	ng	# 96
3) n-Nitrosodimethylamine	3.66	42	1178	0.431	ng	89
6) bis(2-Chloroethyl)ether	7.25	93	5851	0.440	ng	99
9) Naphthalene	10.67	128	92318	0.451	ng	100
10) Hexachlorobutadiene	10.95	225	5276	0.484	ng	97
12) 2-Methylnaphthalene	12.30	142	16512	0.451	ng	96
16) Acenaphthylene	14.20	152	28636	0.441	ng	100
17) Acenaphthene	14.53	154	17261	0.445	ng	99
18) Fluorene	15.50	166	23845	0.437	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	9349	0.432	ng	# 82
21) Hexachlorobenzene	16.50	284	9040	0.432	ng	98
22) Pentachlorophenol	16.85	266	1042	0.571	ng	93
23) Phenanthrene	17.24	178	41413	0.421	ng	99
24) Anthracene	17.33	178	37625	0.423	ng	99
26) Fluoranthene	19.26	202	54728	0.436	ng	99
28) Pyrene	19.63	202	56618	0.438	ng	100
30) Benzo(a)anthracene	21.37	228	56755	0.442	ng	98
31) Chrysene	21.41	228	58917	0.429	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	79653	0.520	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	47872	0.369	ng	98
35) Benzo(b)fluoranthene	23.16	252	57045	0.461	ng	98
36) Benzo(k)fluoranthene	23.16	252	59515	0.455	ng	98
37) Benzo(a)pyrene	23.78	252	50016	0.432	ng	# 96
38) Dibenzo(a,h)anthracene	26.57	278	39504	0.384	ng	# 95
39) Benzo(g,h,i)perylene	27.36	276	35200	0.342	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: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

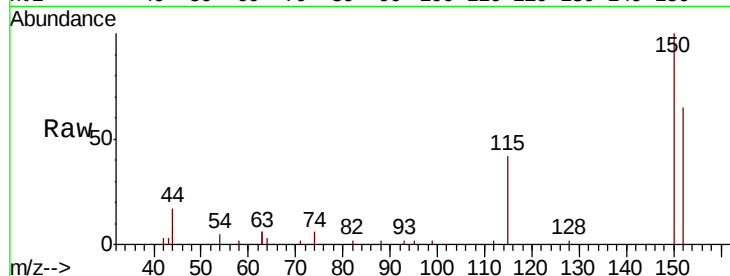
Tgt Ion:152 Resp: 3708

Ion Ratio Lower Upper

152 100

150 154.5 112.8 169.2

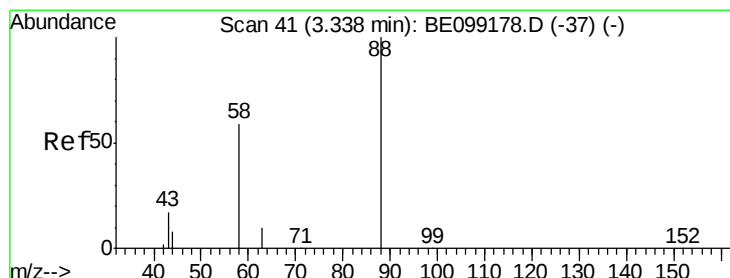
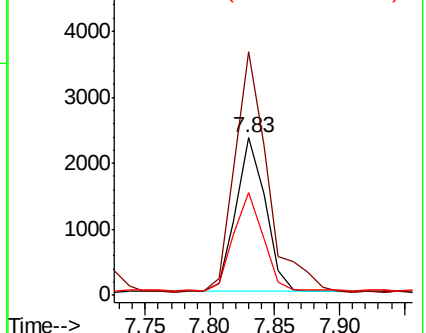
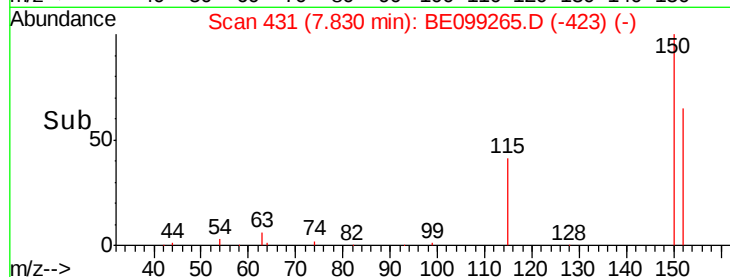
115 64.9 45.1 67.7



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: 0.421 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

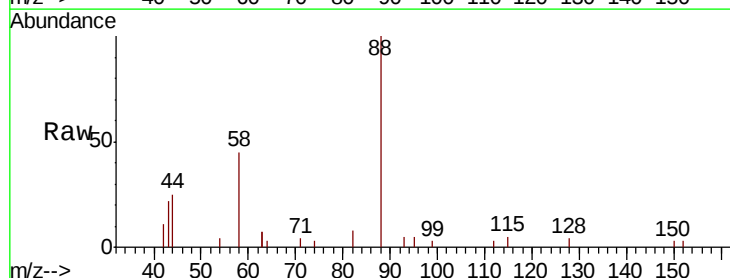
Tgt Ion: 88 Resp: 2059

Ion Ratio Lower Upper

88 100

58 60.6 47.4 71.0

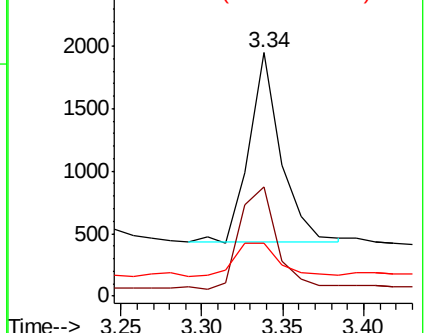
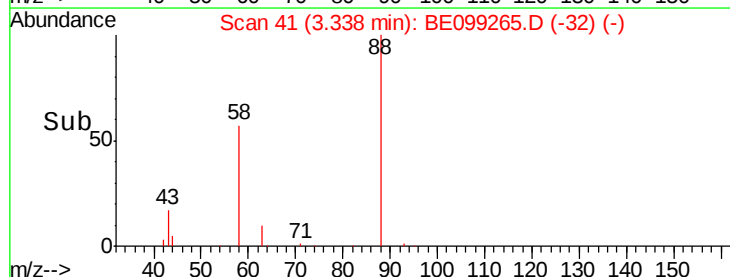
43 24.1 15.6 23.4#



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: 0.431 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

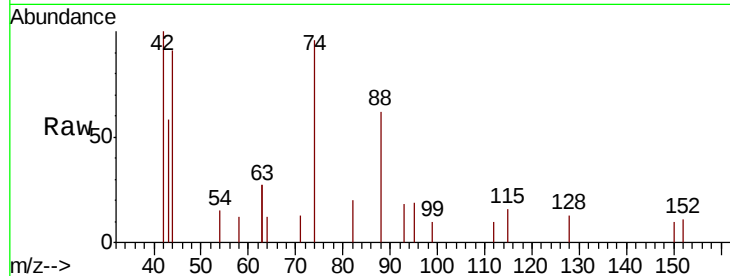
Tgt Ion: 42 Resp: 1178

Ion Ratio Lower Upper

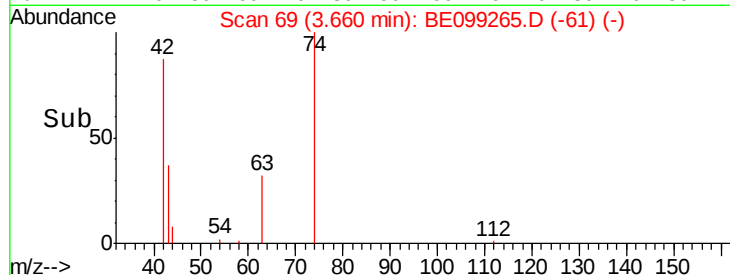
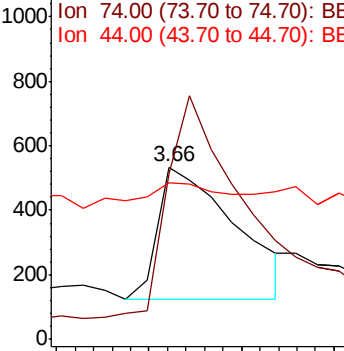
42 100

74 157.0 138.6 207.8

44 20.0 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: 0.468 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

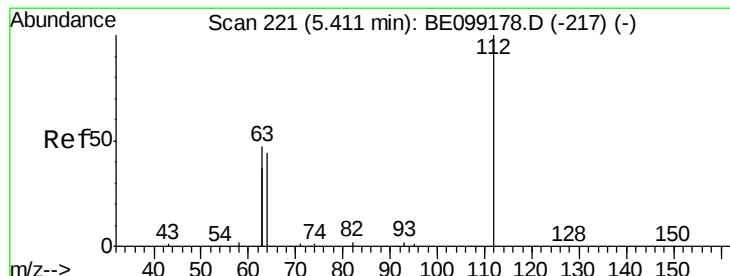
Tgt Ion: 112 Resp: 5177

Ion Ratio Lower Upper

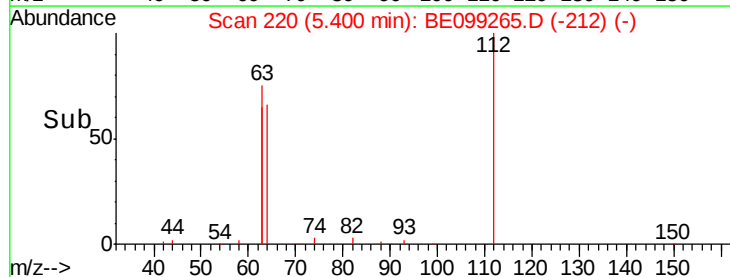
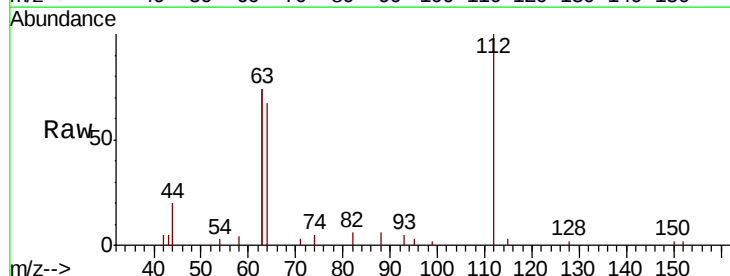
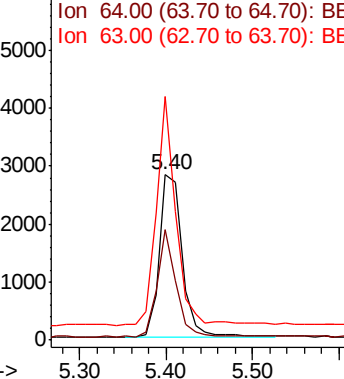
112 100

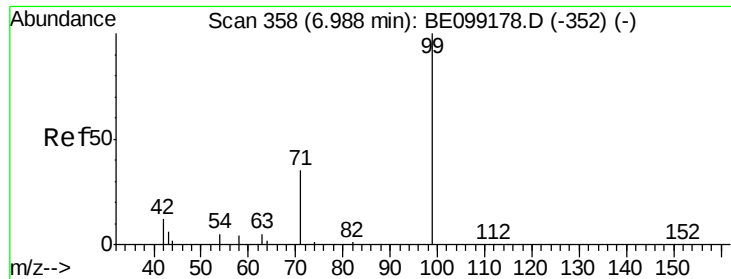
64 55.1 46.2 69.2

63 121.9 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: 0.471 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

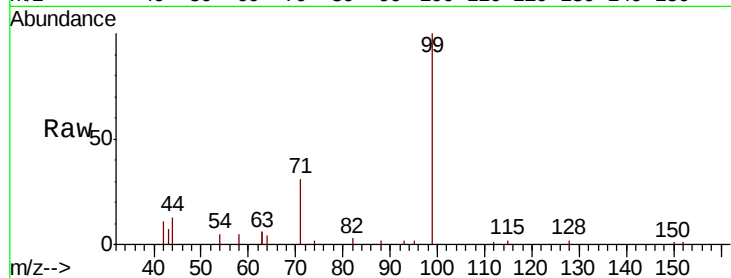
Tgt Ion: 99 Resp: 7971

Ion Ratio Lower Upper

99 100

42 15.3 12.4 18.6

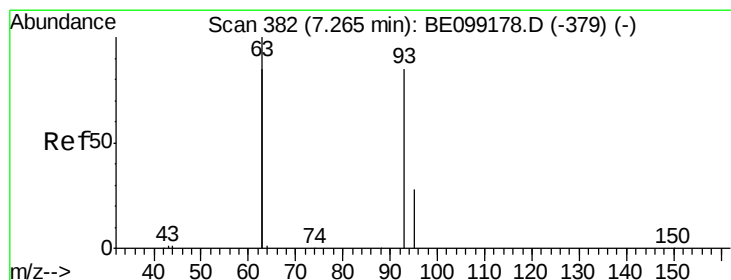
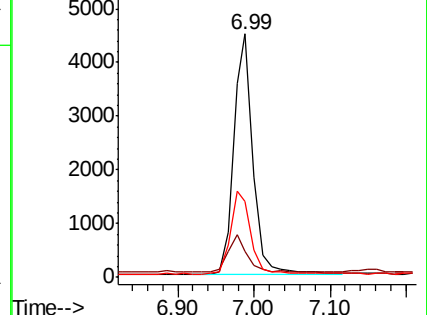
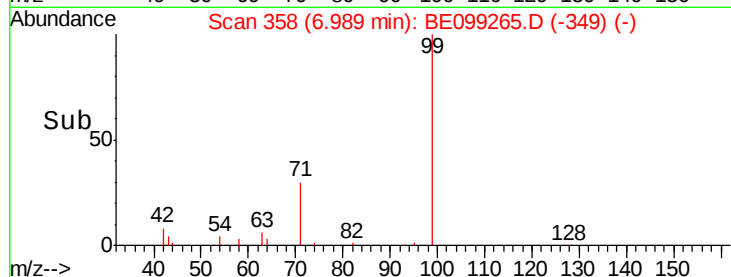
71 36.3 28.4 42.6



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: 0.440 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

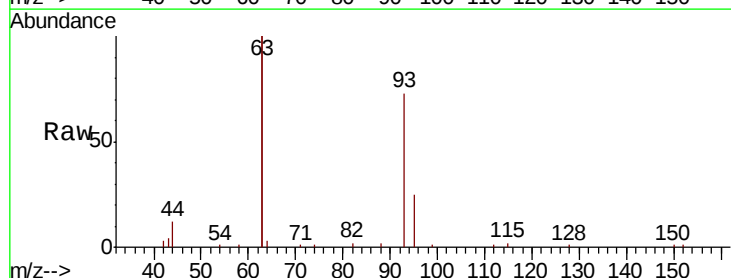
Tgt Ion: 93 Resp: 5851

Ion Ratio Lower Upper

93 100

63 275.1 221.4 332.0

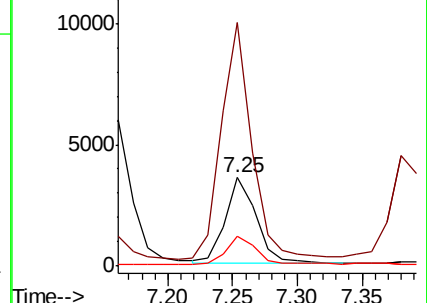
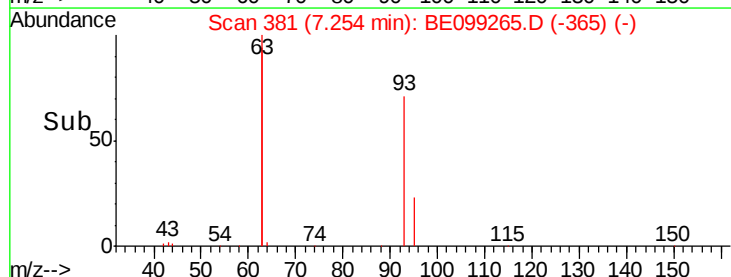
95 32.2 25.8 38.8

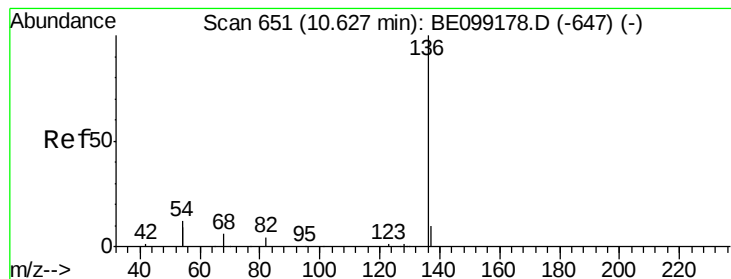


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 17352

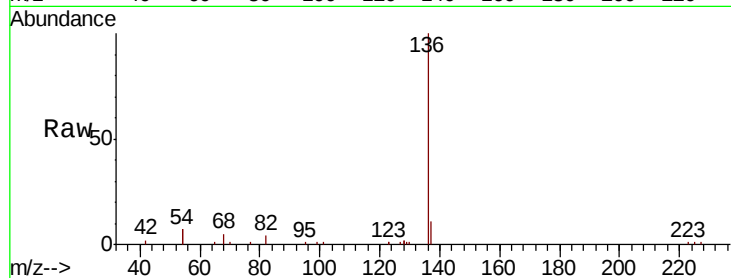
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 15.0 18.7 28.1#

68 4.5 5.2 7.8#

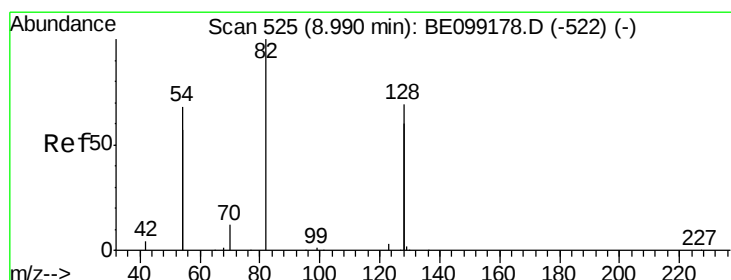
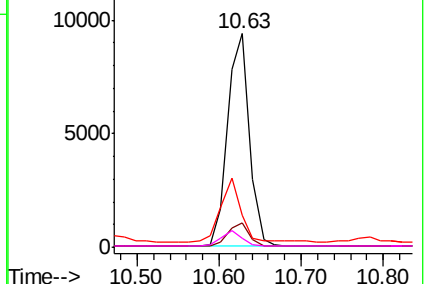
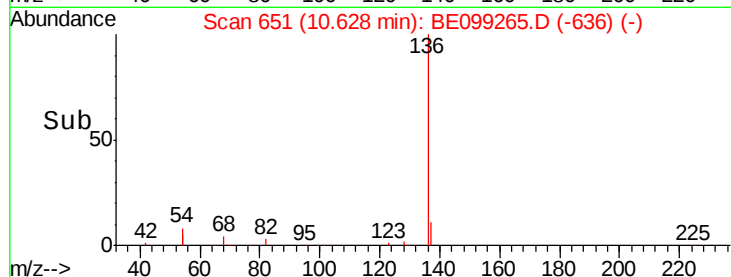


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.480 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

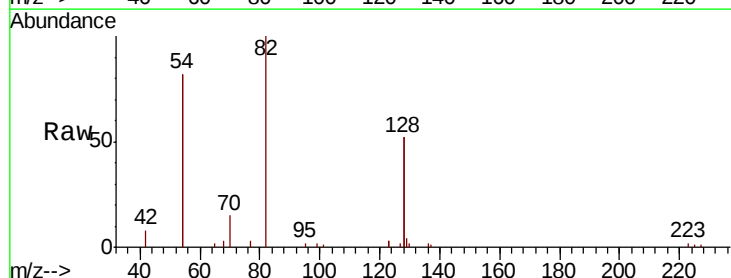
Tgt Ion: 82 Resp: 6796

Ion Ratio Lower Upper

82 100

128 104.6 107.5 161.3#

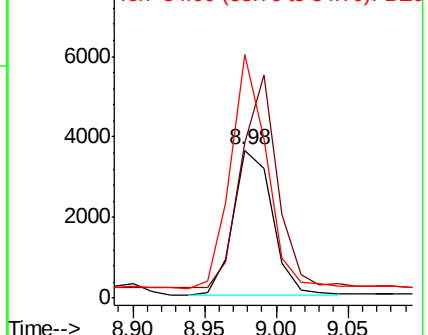
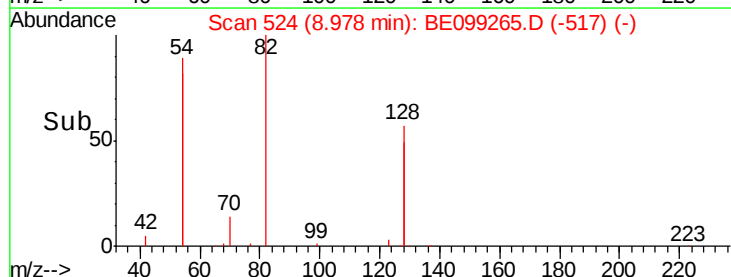
54 164.2 106.3 159.5#

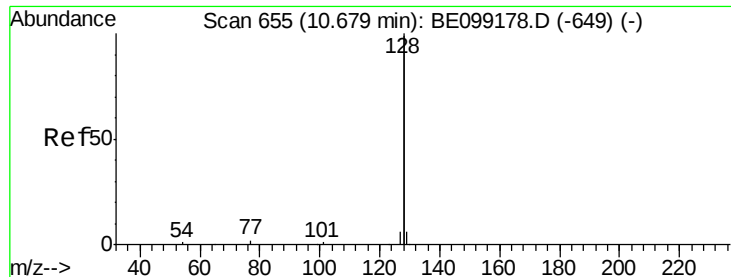


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.451 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

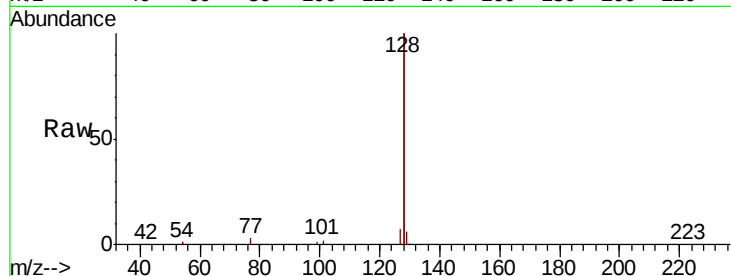
Tgt Ion:128 Resp: 92318

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

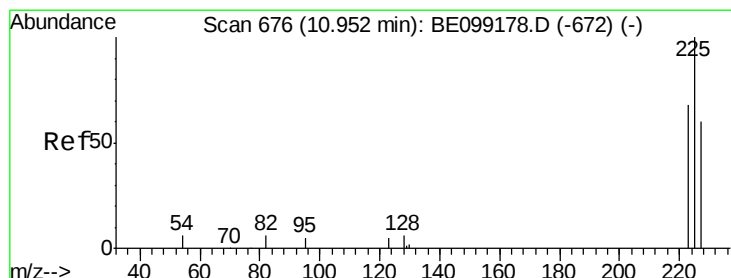
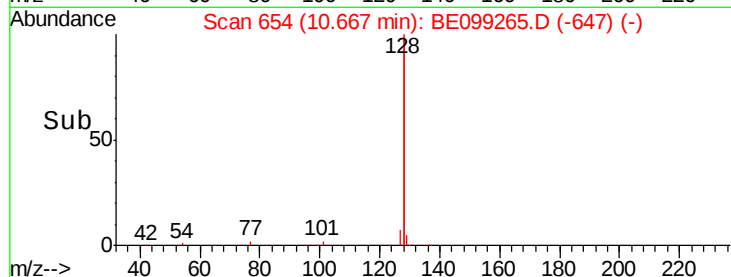
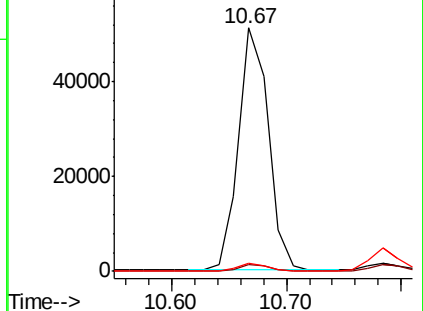
127 3.4 2.6 3.8



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: 0.484 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

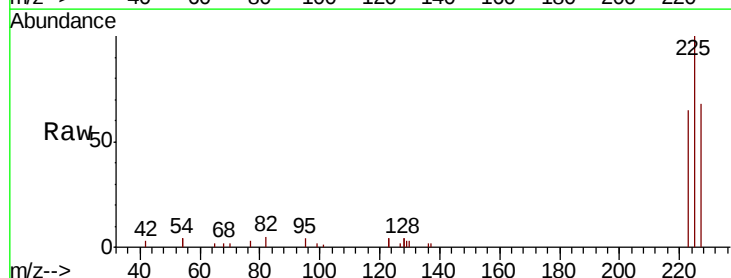
Tgt Ion:225 Resp: 5276

Ion Ratio Lower Upper

225 100

223 65.1 51.3 76.9

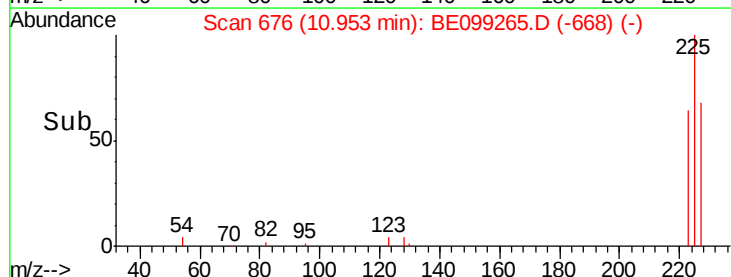
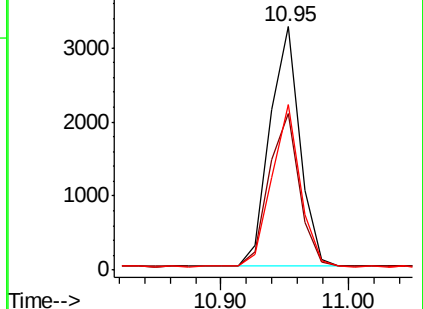
227 64.5 48.6 73.0

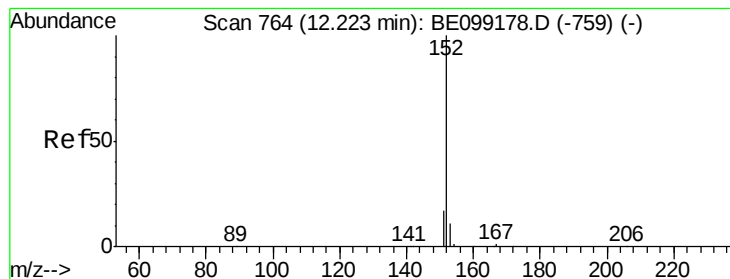


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.457 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

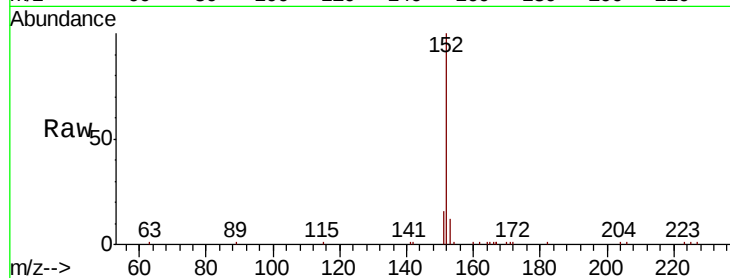
SSTDCCC0.4

Tgt Ion:152 Resp: 15292

Ion Ratio Lower Upper

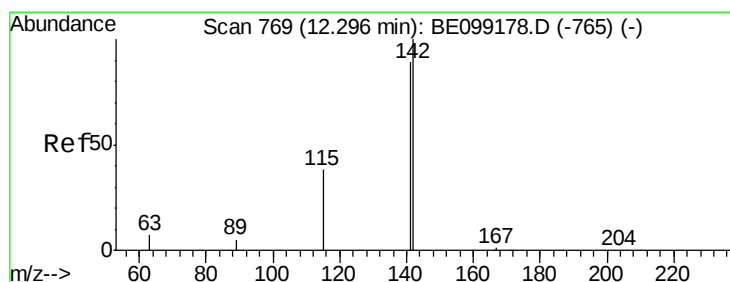
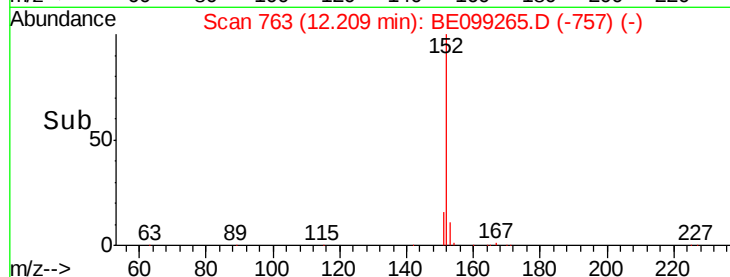
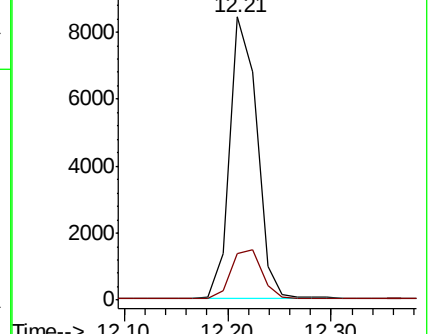
152 100

151 20.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.451 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

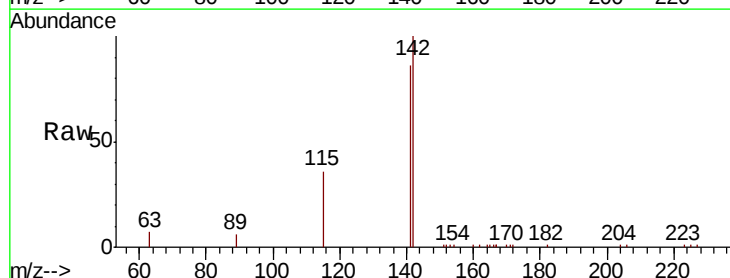
Tgt Ion:142 Resp: 16512

Ion Ratio Lower Upper

142 100

141 85.5 71.3 106.9

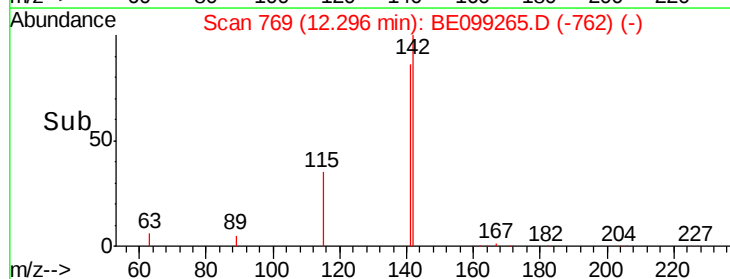
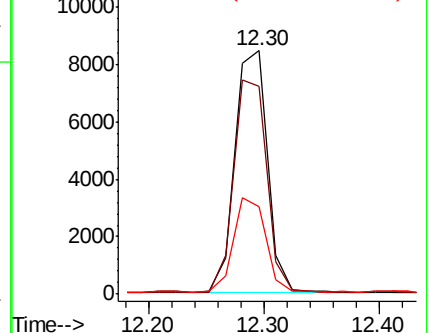
115 35.8 30.4 45.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

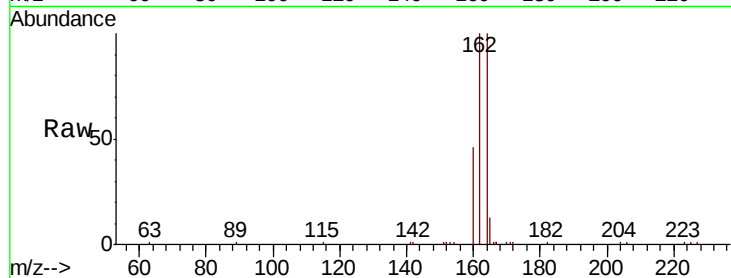




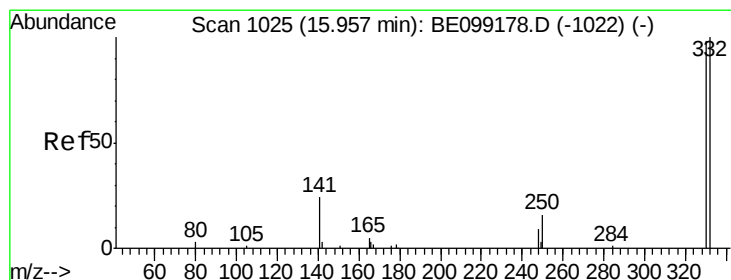
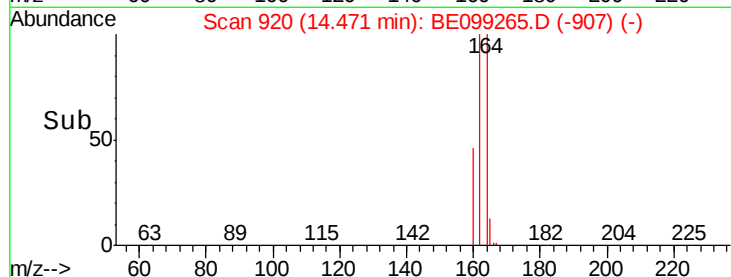
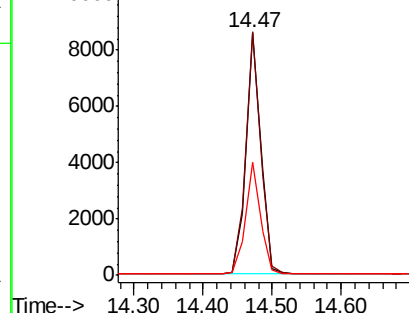
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 12736
Ion Ratio Lower Upper
164 100
162 100.3 79.2 118.8
160 46.6 36.7 55.1

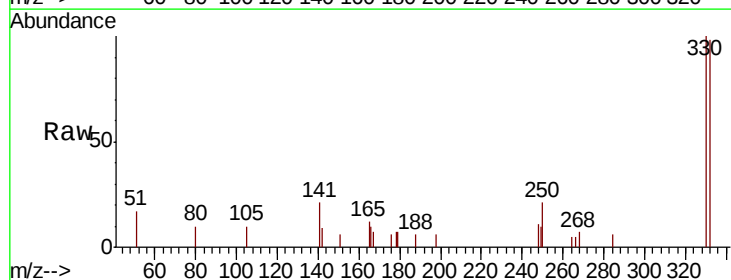


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

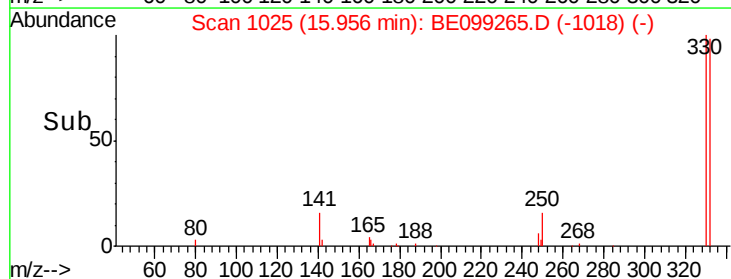
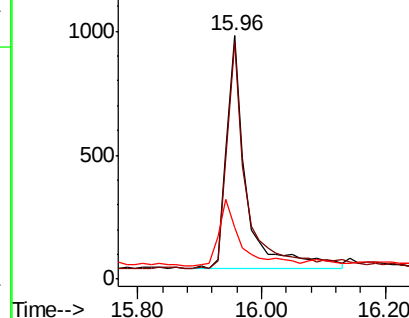


#14
2,4,6-Tribromophenol
Concen: 0.513 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

Tgt Ion:330 Resp: 2067
Ion Ratio Lower Upper
330 100
332 93.3 71.3 106.9
141 32.2 21.7 32.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

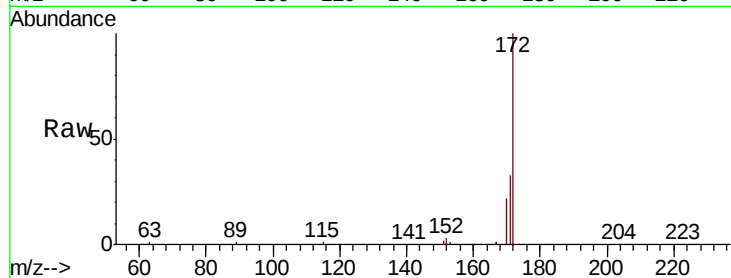




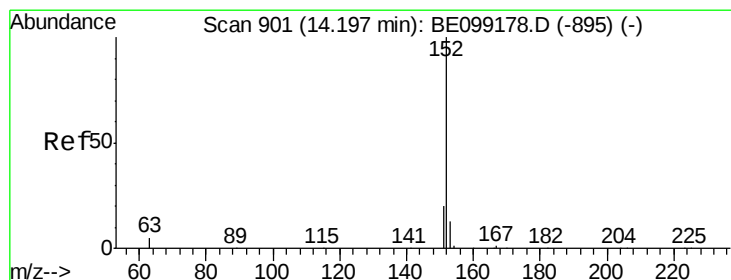
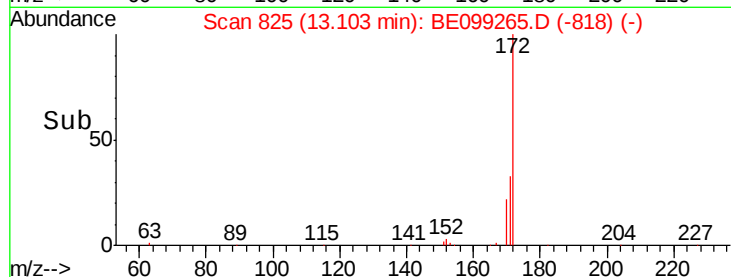
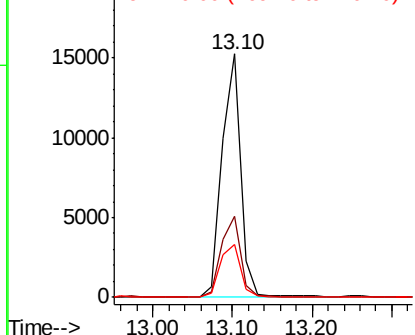
#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 24469
Ion Ratio Lower Upper
172 100
171 33.2 27.4 41.0
170 21.9 19.1 28.7

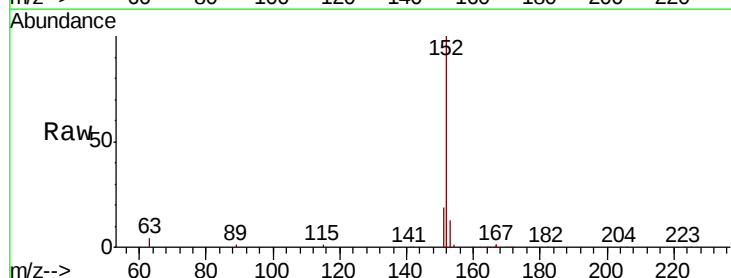


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

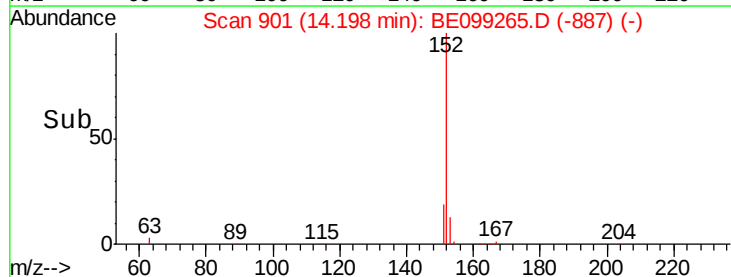
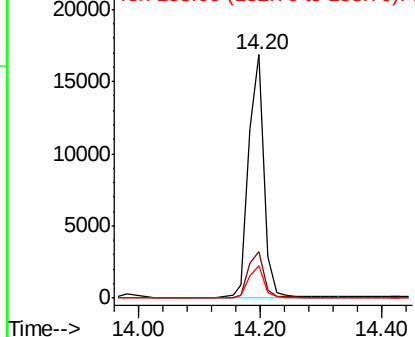


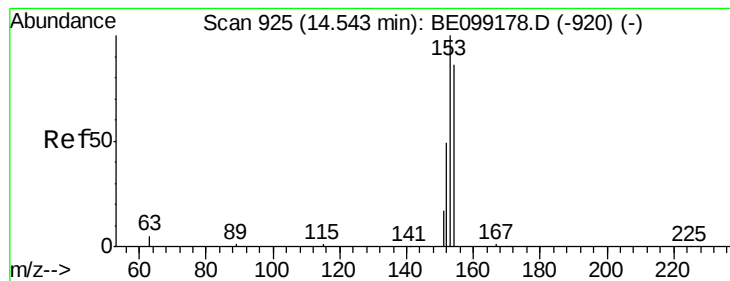
#16
Acenaphthylene
Concen: 0.441 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

Tgt Ion:152 Resp: 28636
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.445 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

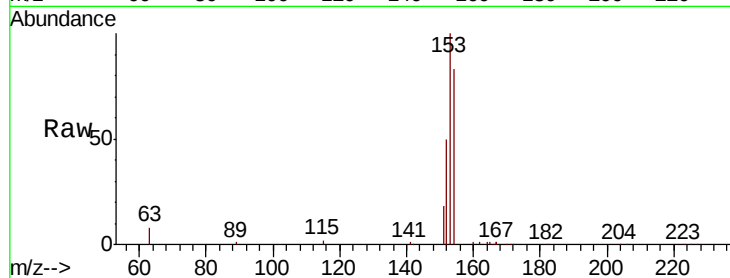
Tgt Ion:154 Resp: 17261

Ion Ratio Lower Upper

154 100

153 115.7 93.4 140.0

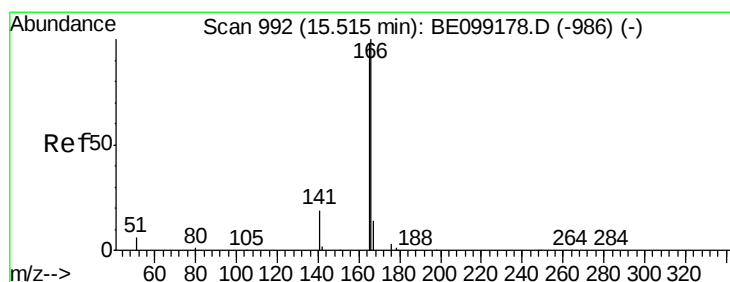
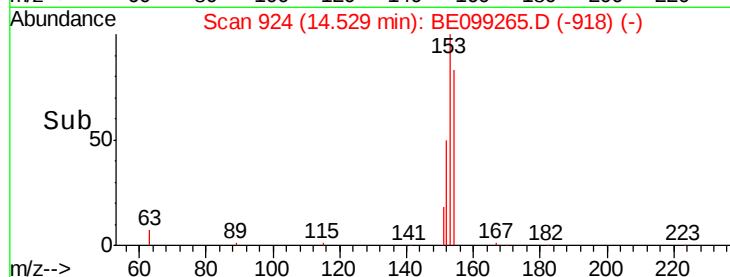
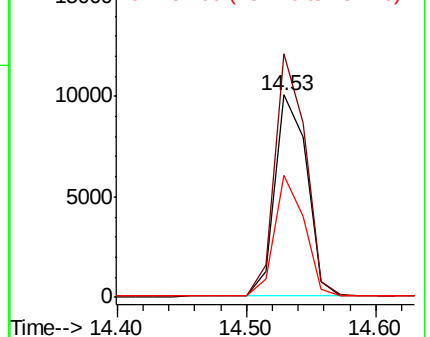
152 56.5 46.6 69.8



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: 0.437 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

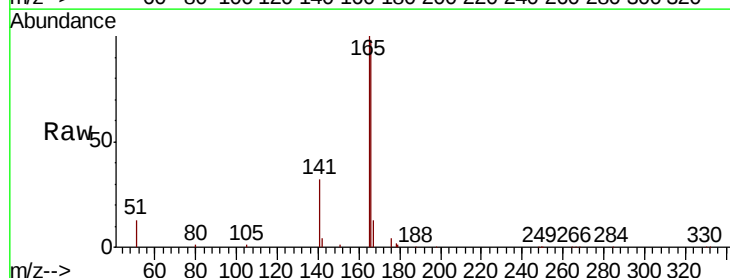
Tgt Ion:166 Resp: 23845

Ion Ratio Lower Upper

166 100

165 100.1 78.9 118.3

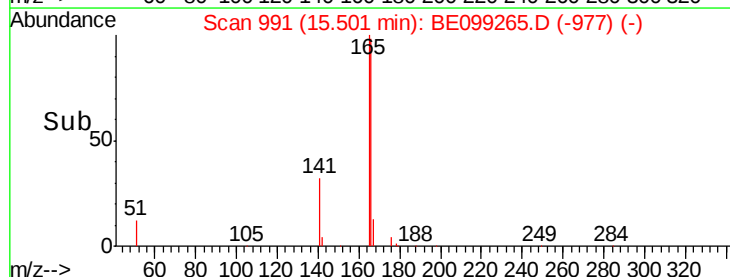
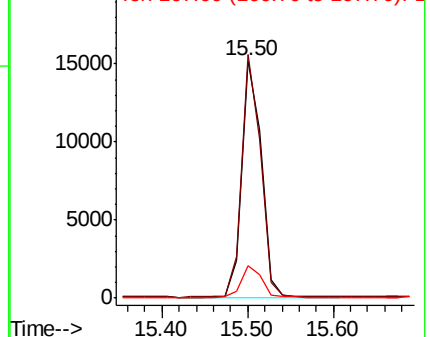
167 13.4 10.9 16.3

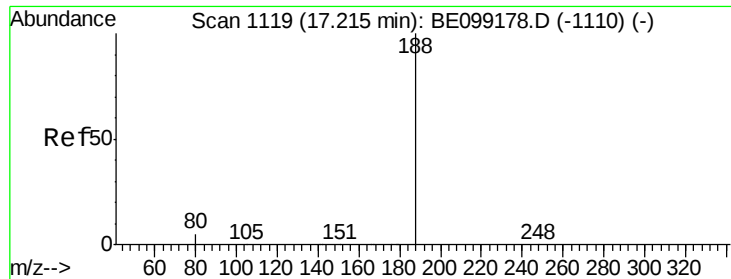


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

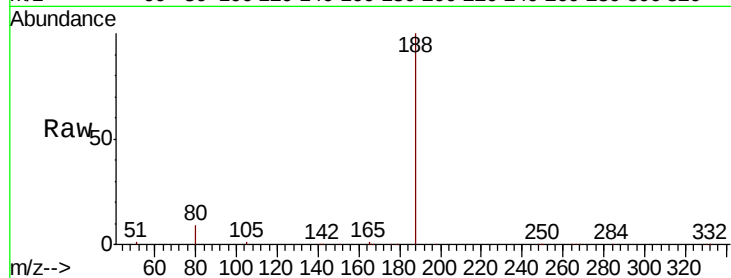
Tgt Ion:188 Resp: 33529

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

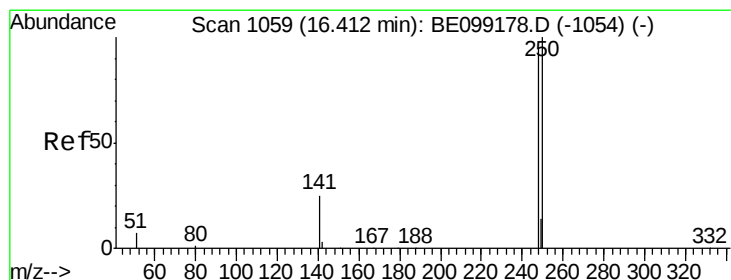
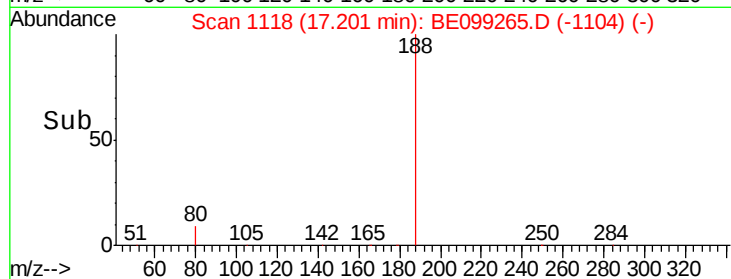
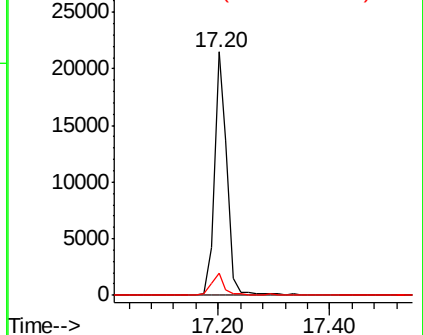
80 9.3 4.5 6.7#



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: 0.432 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

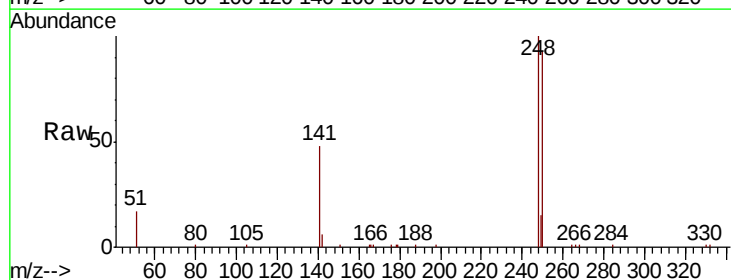
Tgt Ion:248 Resp: 9349

Ion Ratio Lower Upper

248 100

250 92.6 84.2 126.2

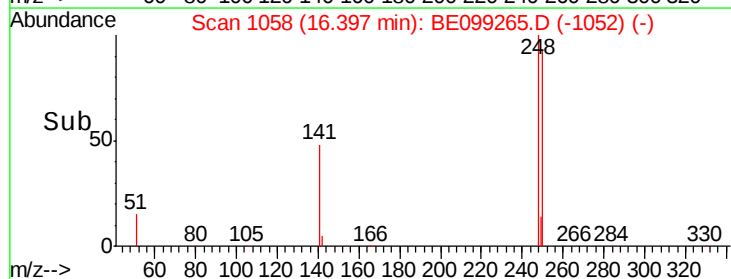
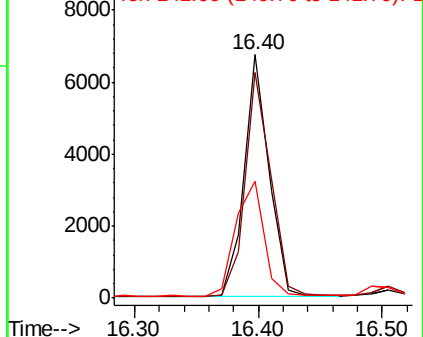
141 48.0 21.8 32.6#

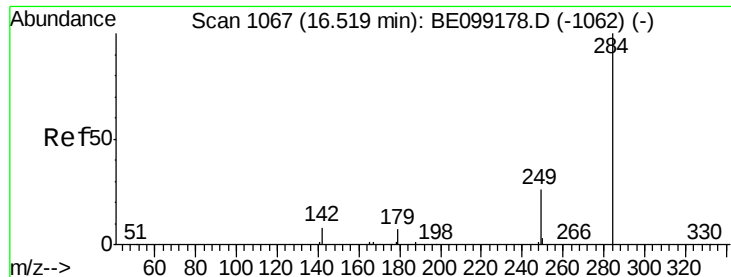


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.432 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

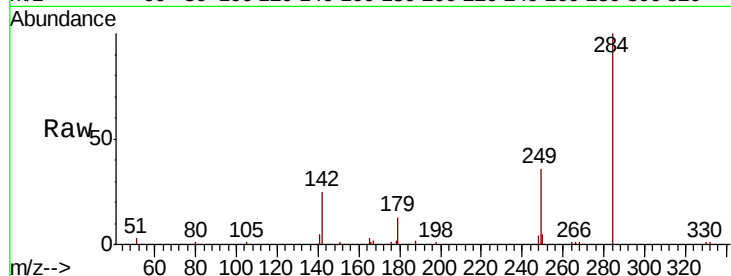
Tgt Ion:284 Resp: 9040

Ion Ratio Lower Upper

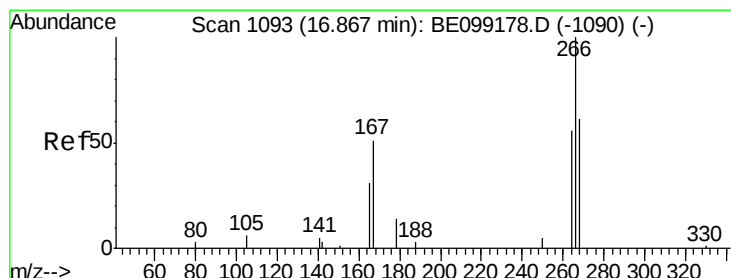
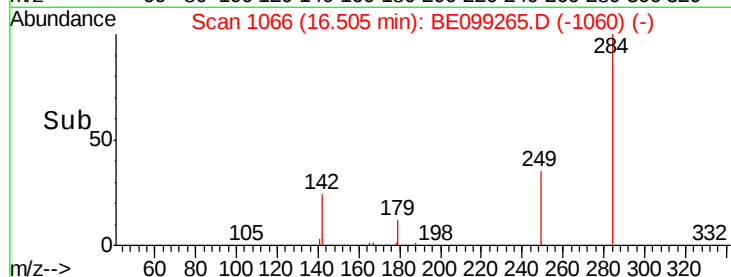
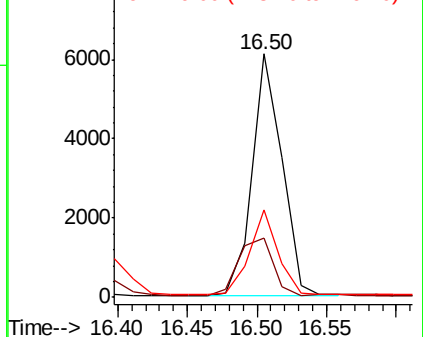
284 100

142 27.1 22.7 34.1

249 33.0 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: 0.571 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

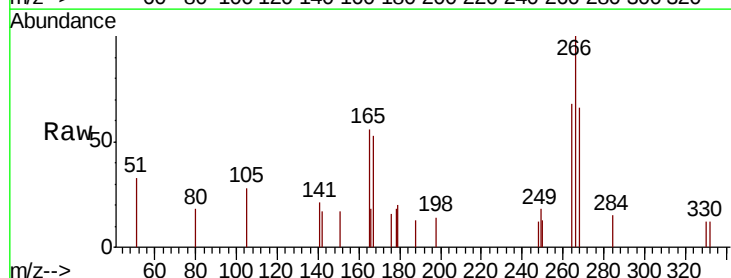
Tgt Ion:266 Resp: 1042

Ion Ratio Lower Upper

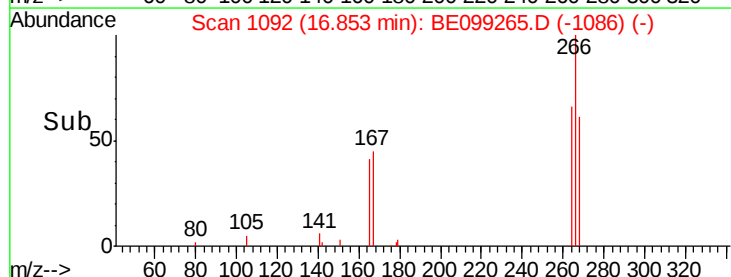
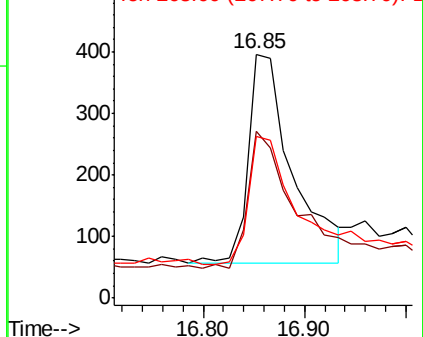
266 100

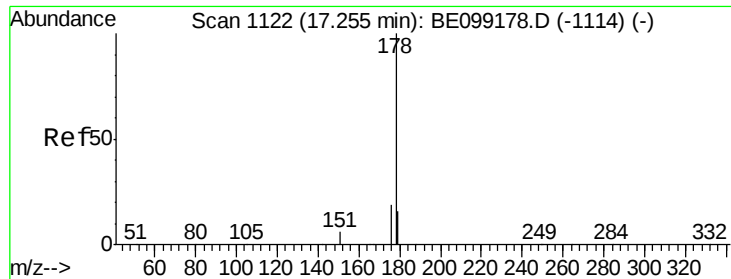
264 68.4 54.4 81.6

268 66.4 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

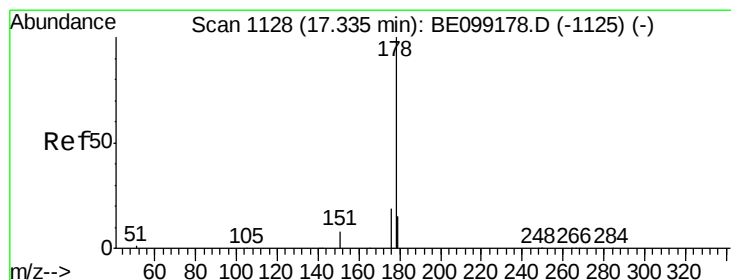
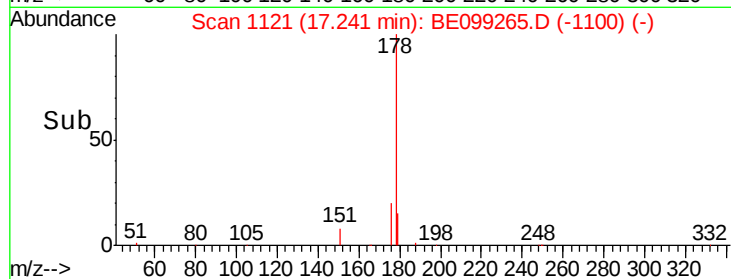
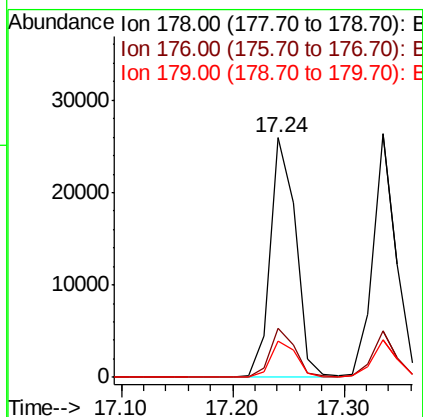
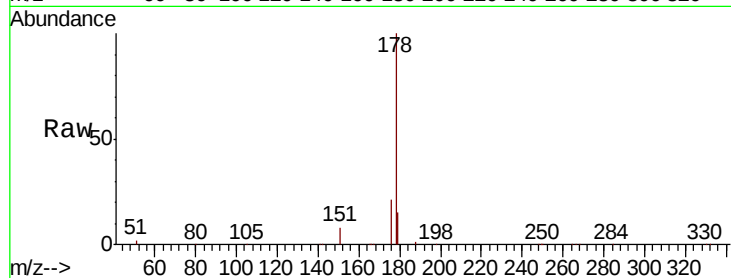




#23
Phenanthrene
Concen: 0.421 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

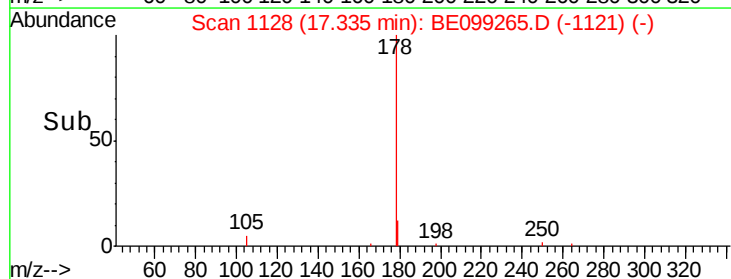
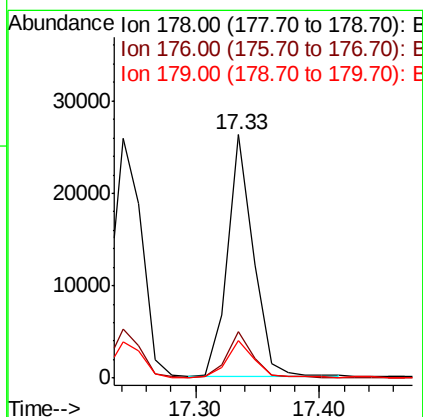
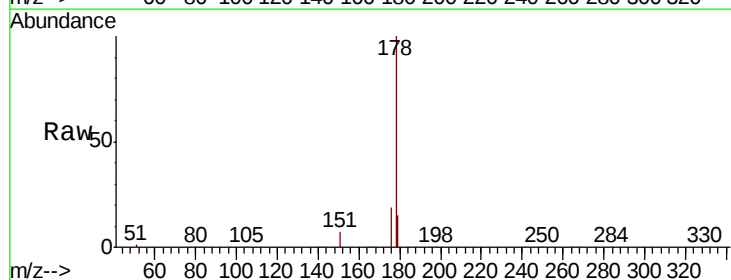
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

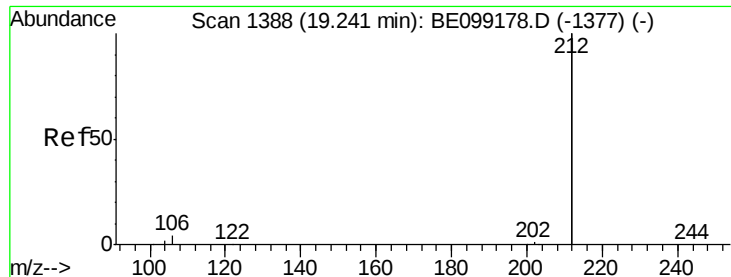
Tgt Ion:178 Resp: 41413
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.0 12.3 18.5



#24
Anthracene
Concen: 0.423 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

Tgt Ion:178 Resp: 37625
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.3 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.466 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

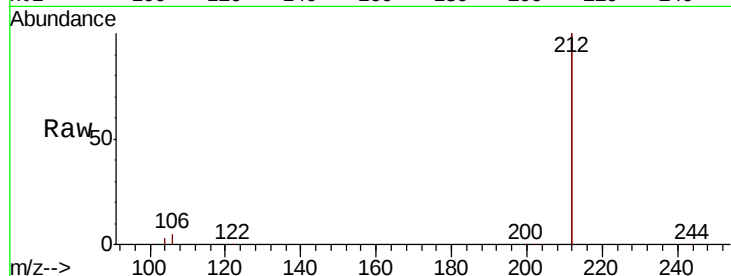
Instrument :

BNA_E

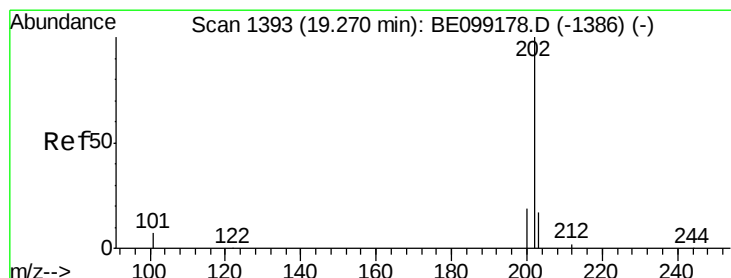
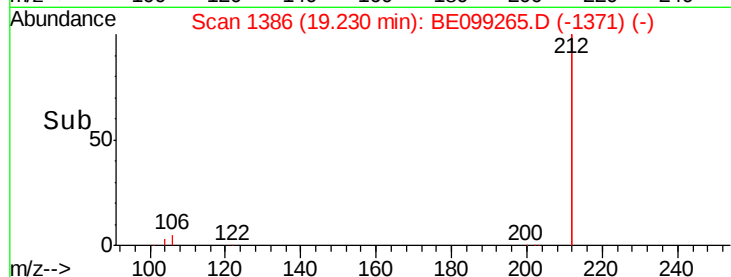
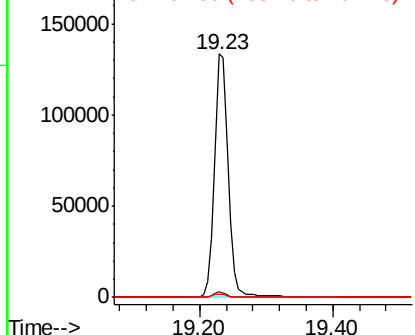
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	212	Resp:	189487
Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.2	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: 0.436 ng

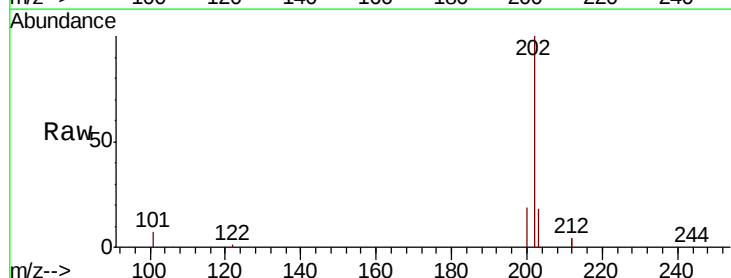
RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

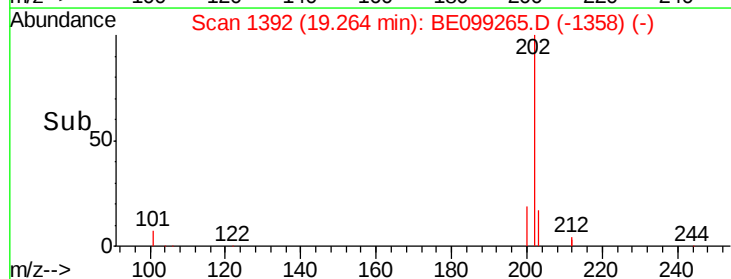
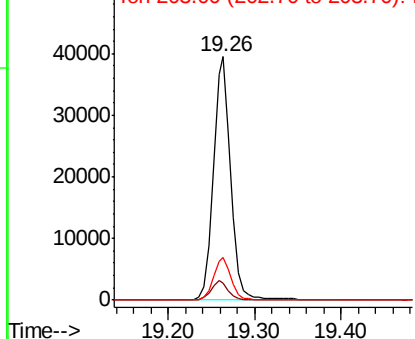
Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Tgt Ion:	202	Resp:	54728
Ion	Ratio	Lower	Upper
202	100		
101	7.9	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: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

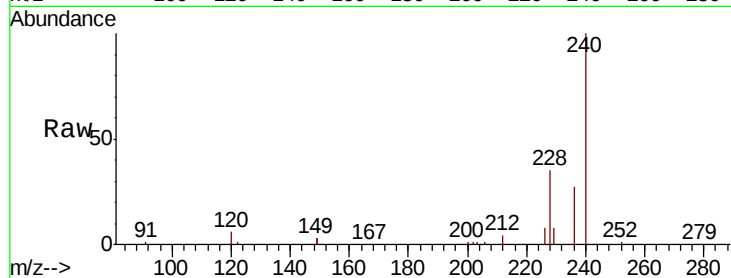
Tgt Ion:240 Resp: 38906

Ion Ratio Lower Upper

240 100

120 5.6 2.6 3.8#

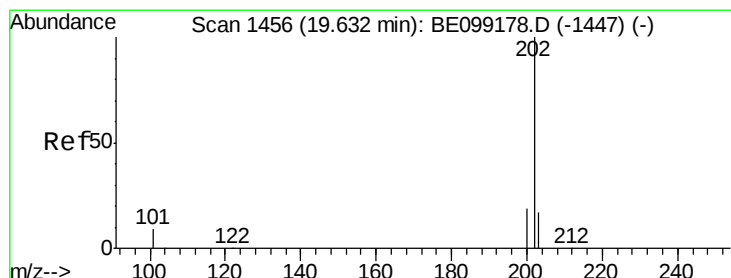
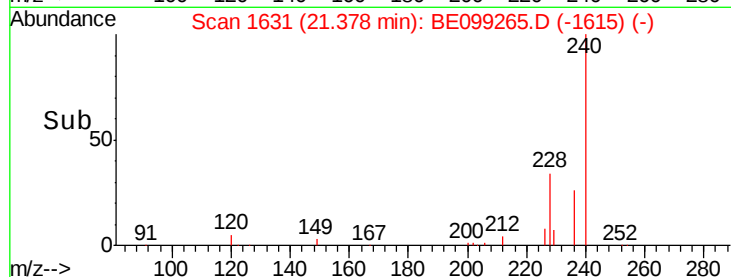
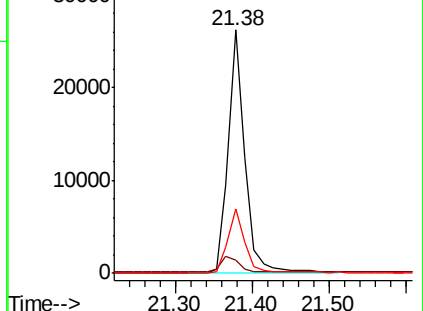
236 26.6 20.9 31.3



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: 0.438 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

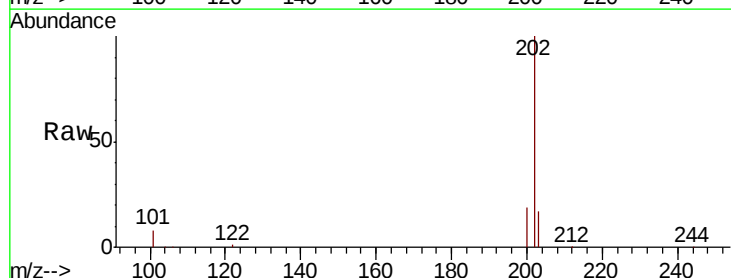
Tgt Ion:202 Resp: 56618

Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

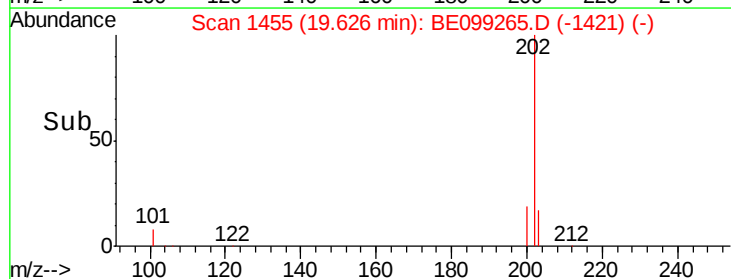
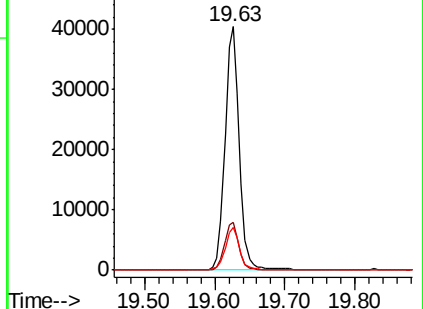
203 17.4 14.1 21.1

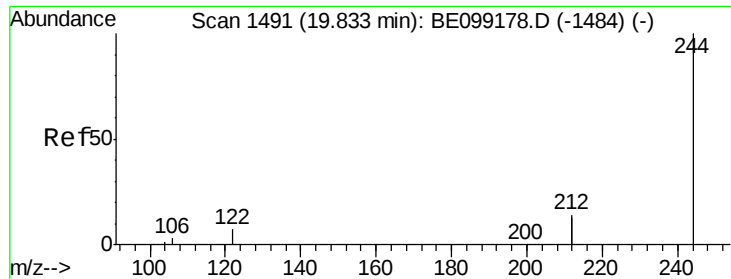


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.448 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

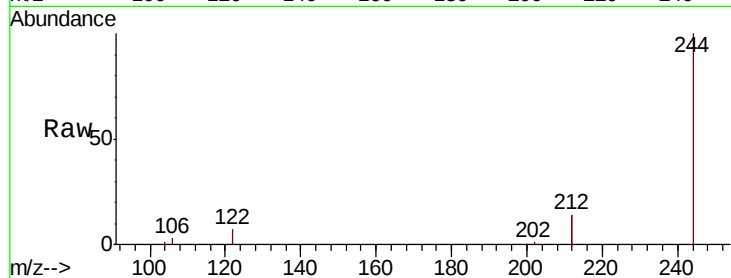
Tgt Ion:244 Resp: 37909

Ion Ratio Lower Upper

244 100

212 28.7 22.7 34.1

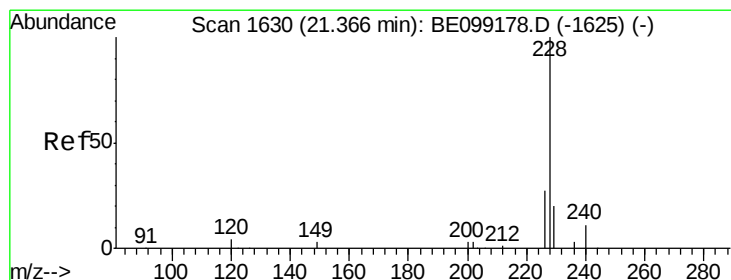
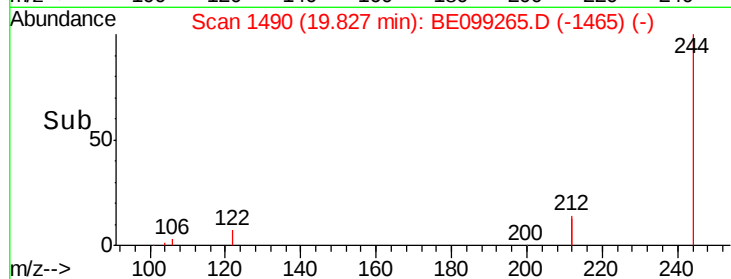
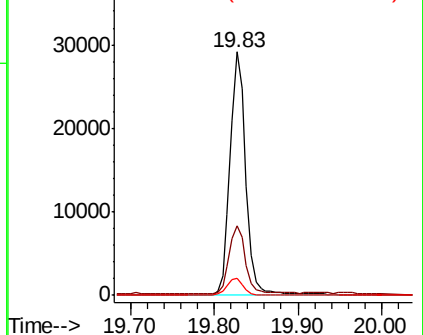
122 7.1 5.8 8.6



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: 0.442 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

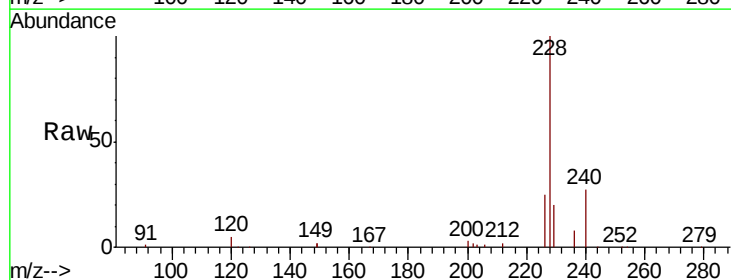
Tgt Ion:228 Resp: 56755

Ion Ratio Lower Upper

228 100

226 25.3 21.7 32.5

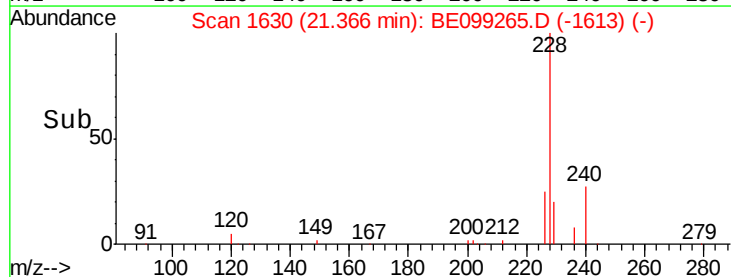
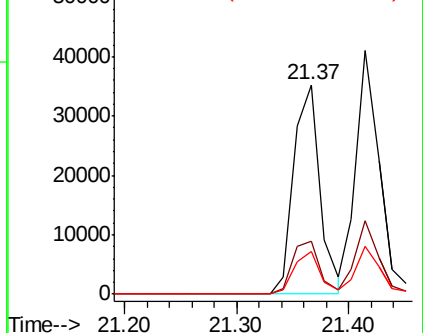
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.429 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

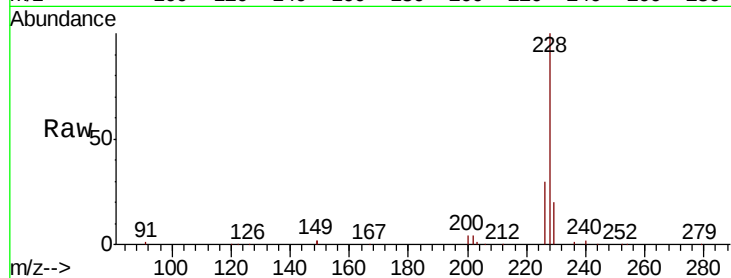
Tgt Ion:228 Resp: 58917

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

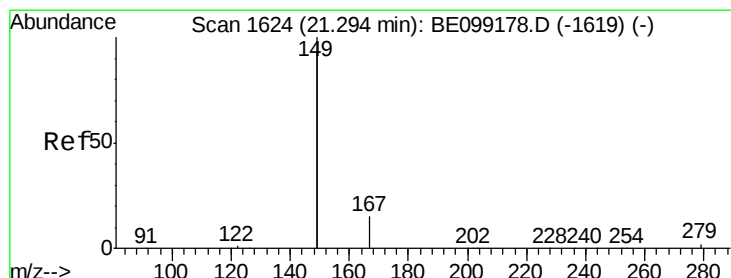
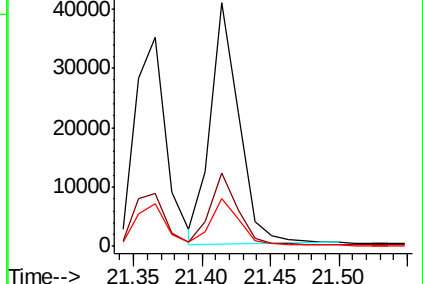
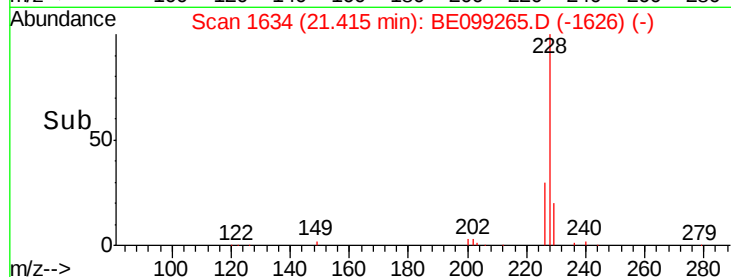
229 19.8 15.4 23.0



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: 0.520 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

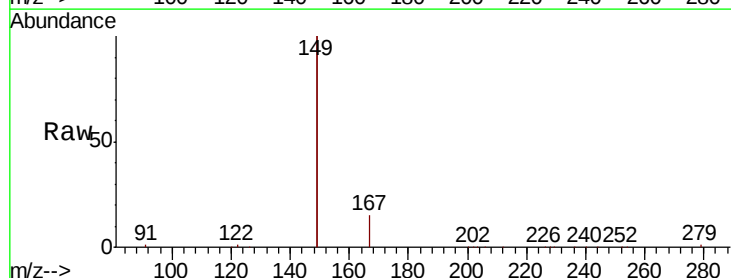
Tgt Ion:149 Resp: 79653

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

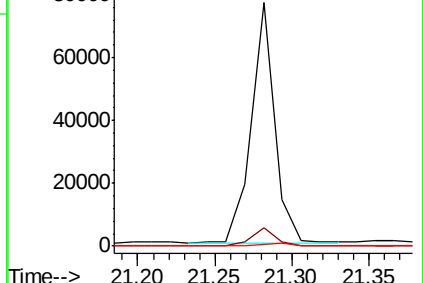
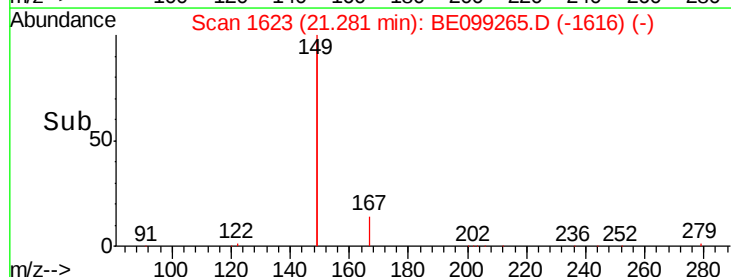
279 1.2 1.0 1.6



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: 0.369 ng

RT: 26.54 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

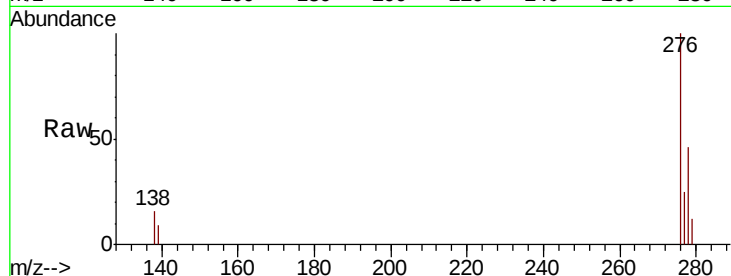
Tgt Ion:276 Resp: 47872

Ion Ratio Lower Upper

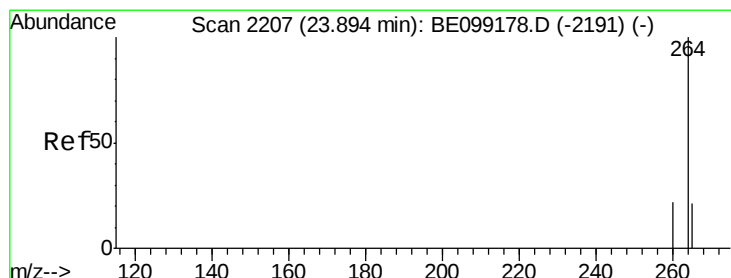
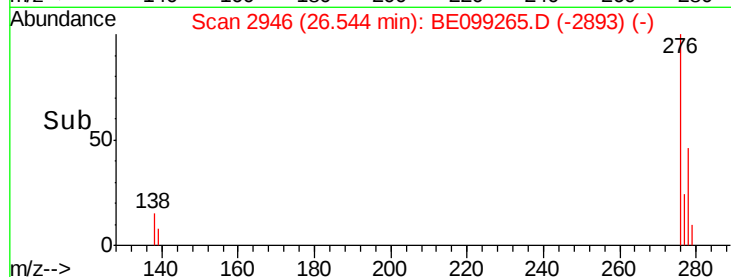
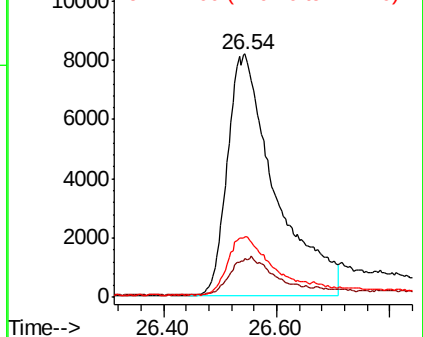
276 100

138 14.2 12.9 19.3

277 22.5 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# 2206

Delta R.T. -0.00 min

Lab File: BE099265.D

Acq: 29 Mar 2019 22:46

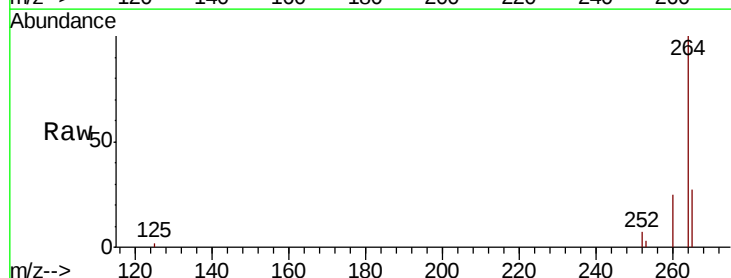
Tgt Ion:264 Resp: 37636

Ion Ratio Lower Upper

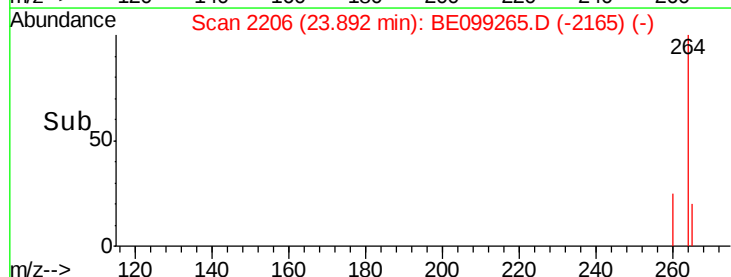
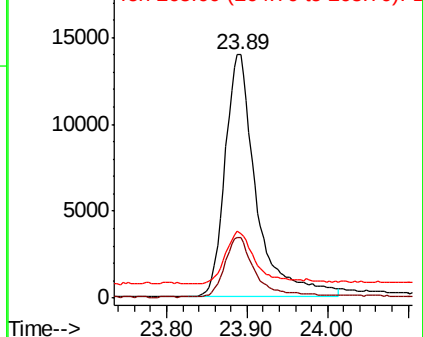
264 100

260 25.0 18.2 27.2

265 26.7 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

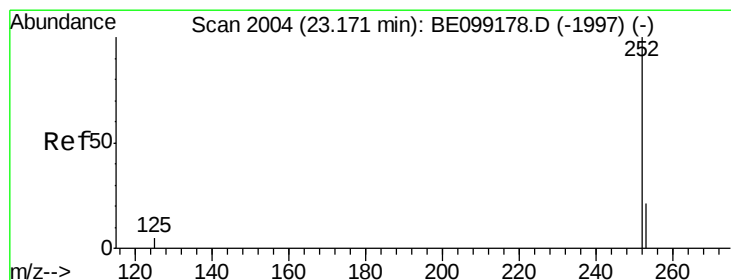
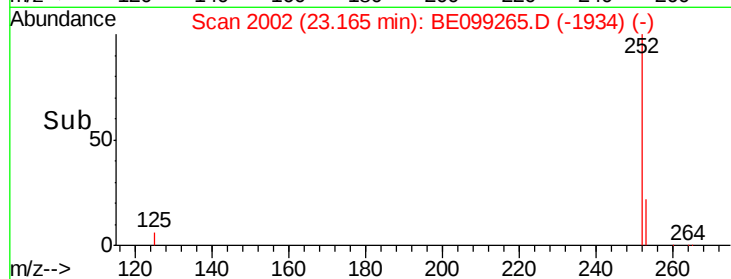
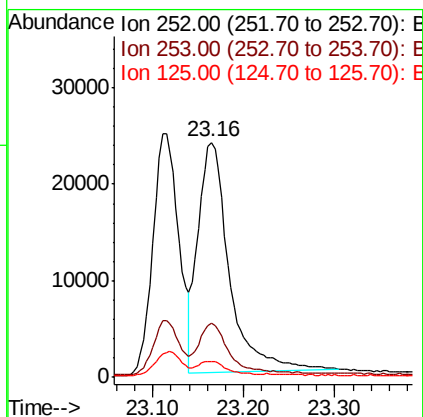
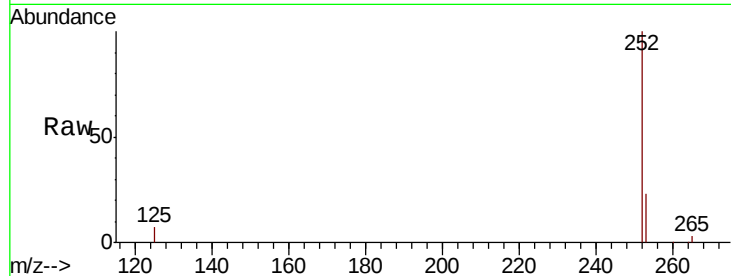




#35
Benzo(b)fluoranthene
Concen: 0.461 ng
RT: 23.16 min Scan# 2002
Delta R.T. 0.04 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

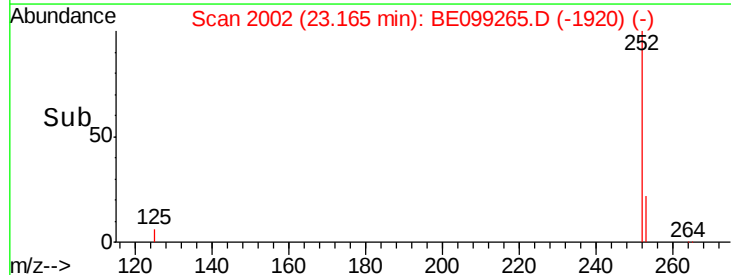
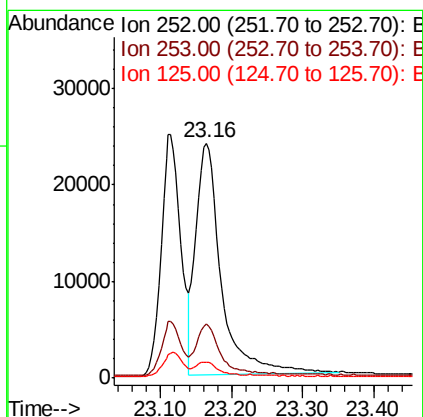
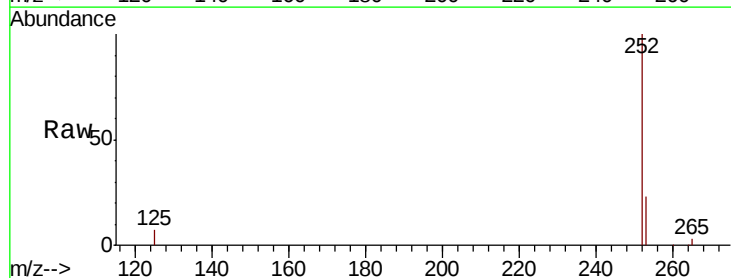
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 57045
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 6.6 6.1 9.1



#36
Benzo(k)fluoranthene
Concen: 0.455 ng
RT: 23.16 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

Tgt Ion:252 Resp: 59515
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 6.6 5.9 8.9

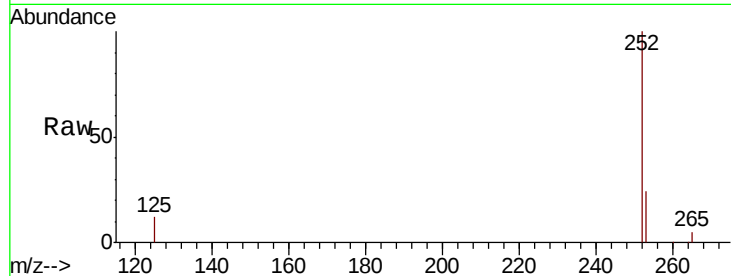




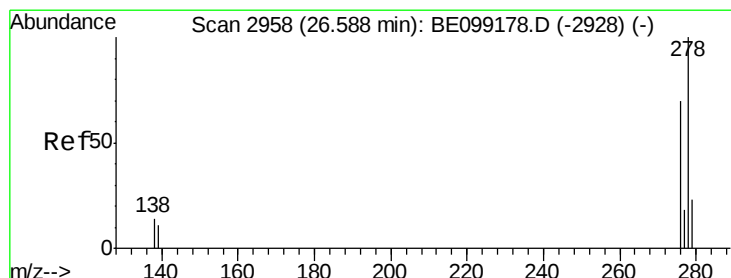
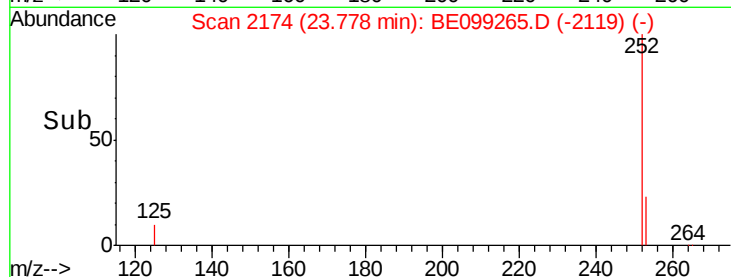
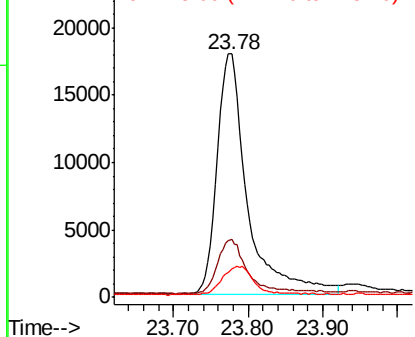
#37
Benzo(a)pyrene
Concen: 0.432 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 252 Resp: 50016
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 11.5 6.8 10.2#

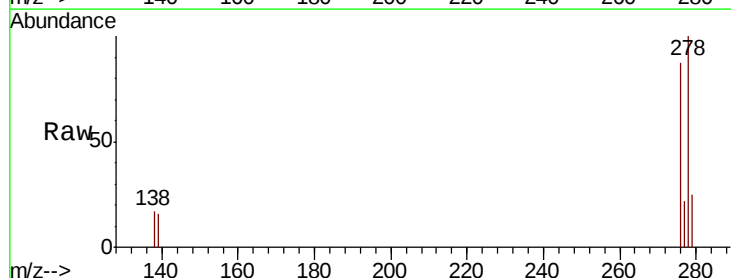


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

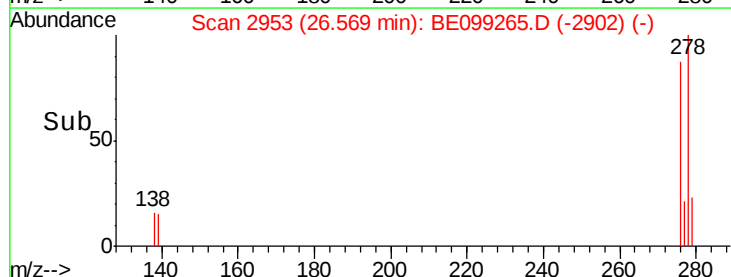
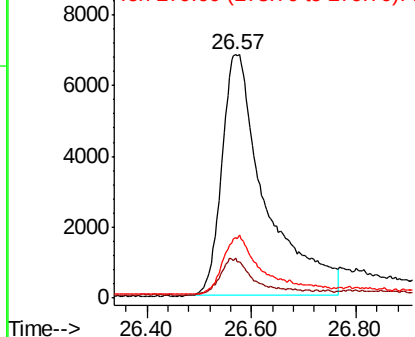


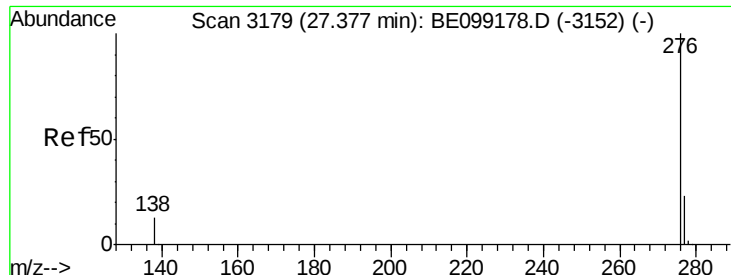
#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BE099265.D
Acq: 29 Mar 2019 22:46

Tgt Ion: 278 Resp: 39504
Ion Ratio Lower Upper
278 100
139 16.4 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: 0.342 ng

RT: 27.36 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BE099265.D

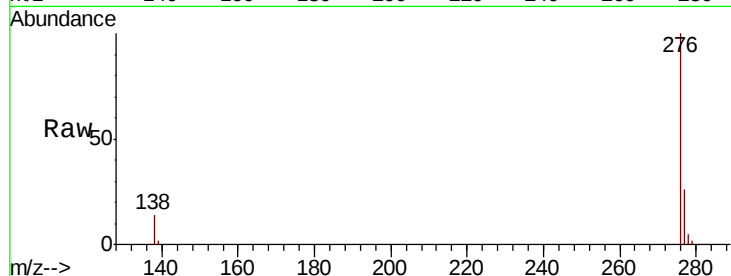
Acq: 29 Mar 2019 22:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



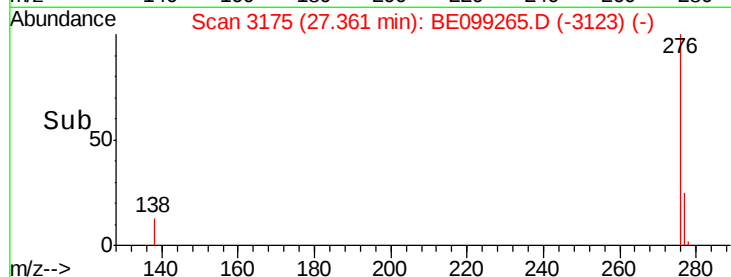
Tgt Ion: 276 Resp: 35200

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.4

138 14.0 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

