

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100895.D
 Acq On : 13 Dec 2019 20:10
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 14 03:07:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4545	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20464	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11852	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	27192	0.40	ng	0.00
27) Chrysene-d12	21.30	240	23576	0.40	ng	0.00
34) Perylene-d12	23.74	264	26472	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	5252	0.49	ng	-0.01
5) Phenol-d6	6.93	99	7672	0.47	ng	0.00
8) Nitrobenzene-d5	8.90	82	5828	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13102	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	931	0.71	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	18654	0.40	ng	0.00
25) Fluoranthene-d10	19.15	212	117591	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	23873	0.42	ng	0.00

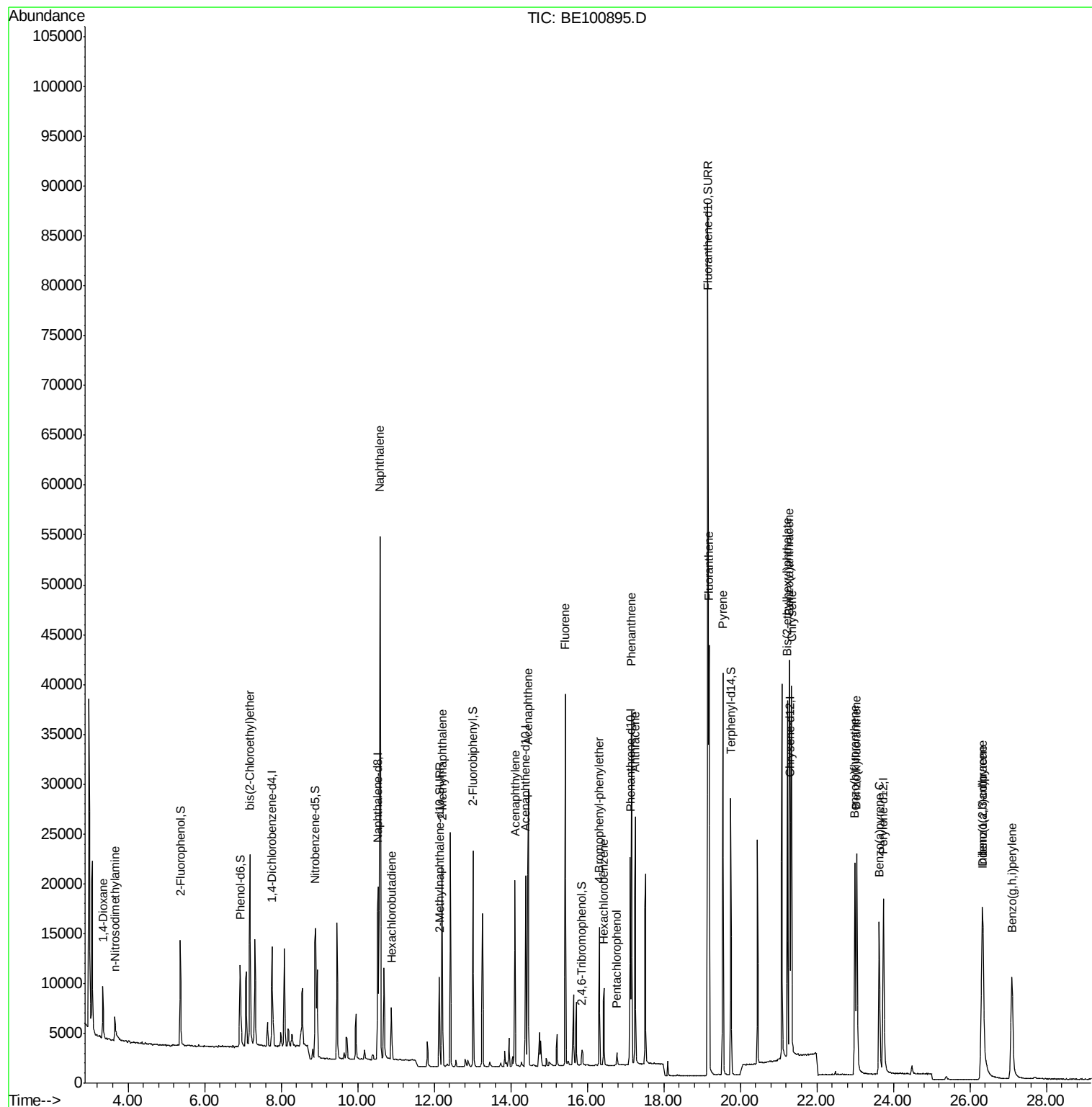
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3666	0.442	ng	95
3) n-Nitrosodimethylamine	3.65	42	2775	0.411	ng	92
6) bis(2-Chloroethyl)ether	7.18	93	7035	0.447	ng	98
9) Naphthalene	10.58	128	96039	0.442	ng	100
10) Hexachlorobutadiene	10.89	225	3681	0.434	ng	98
12) 2-Methylnaphthalene	12.21	142	15077	0.444	ng	98
16) Acenaphthylene	14.11	152	21774	0.444	ng	99
17) Acenaphthene	14.46	154	14753	0.437	ng	99
18) Fluorene	15.42	166	18939	0.435	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	5541	0.415	ng	98
21) Hexachlorobenzene	16.44	284	6134	0.423	ng	99
22) Pentachlorophenol	16.77	266	777	0.775	ng	99
23) Phenanthrene	17.16	178	34486	0.419	ng	99
24) Anthracene	17.25	178	28309	0.411	ng	100
26) Fluoranthene	19.19	202	37149	0.378	ng	100
28) Pyrene	19.54	202	36577	0.477	ng	100
30) Benzo(a)anthracene	21.28	228	32023	0.461	ng	98
31) Chrysene	21.34	228	36635	0.449	ng	96
32) Bis(2-ethylhexyl)phthalate	21.23	149	37583	0.745	ng	99
33) Indeno(1,2,3-cd)pyrene	26.32	276	32140	0.452	ng	100
35) Benzo(b)fluoranthene	23.00	252	30107	0.415	ng	99
36) Benzo(k)fluoranthene	23.05	252	34021	0.419	ng	100
37) Benzo(a)pyrene	23.63	252	25824	0.412	ng	99
38) Dibenzo(a,h)anthracene	26.34	278	25759	0.413	ng	98
39) Benzo(g,h,i)perylene	27.10	276	27480	0.412	ng	98

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

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QLast Update : Fri Dec 13 10:42:38 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

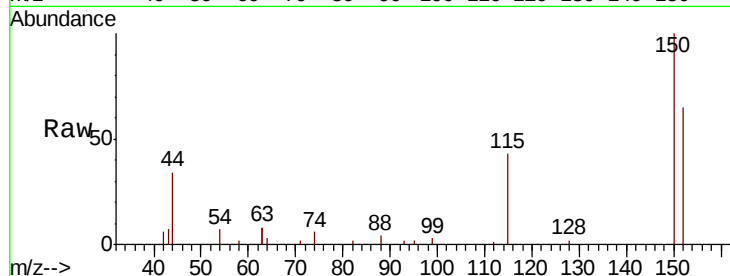
Tot Ion:152 Resp: 4545

Ion Ratio Lower Upper

152 100

150 154.6 125.5 188.3

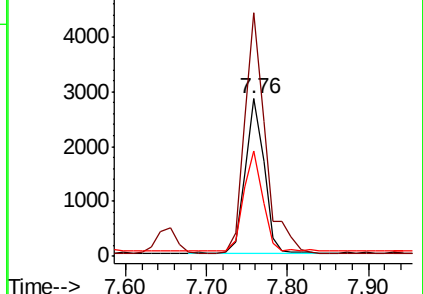
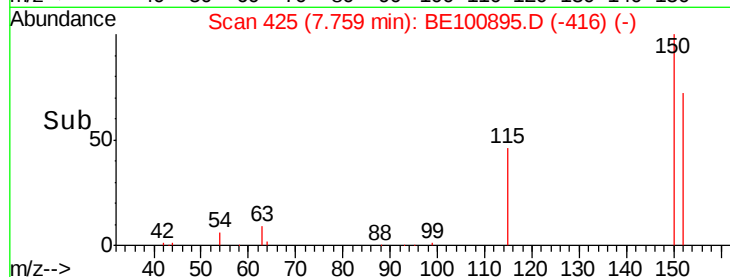
115 66.9 55.7 83.5



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: 0.442 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

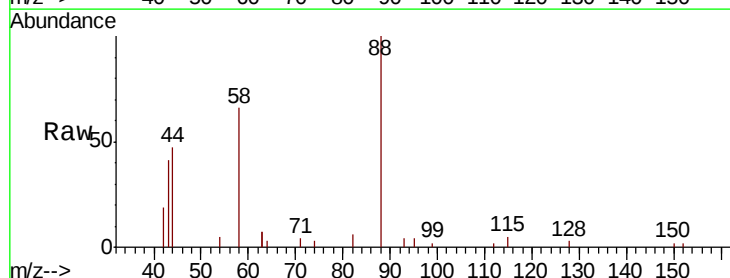
Tgt Ion: 88 Resp: 3666

Ion Ratio Lower Upper

88 100

58 70.6 52.3 78.5

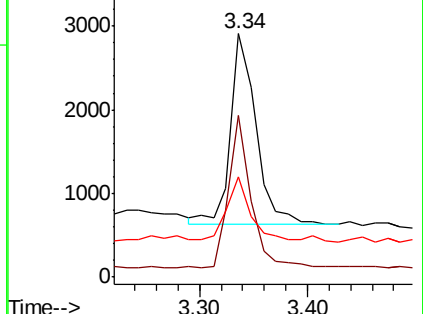
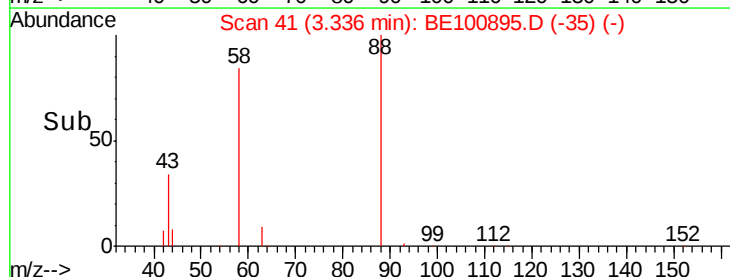
43 29.8 23.5 35.3



Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.411 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

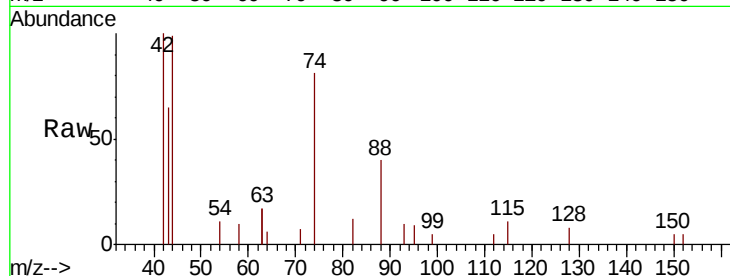
Tot Ion: 42 Resp: 2775

Ion Ratio Lower Upper

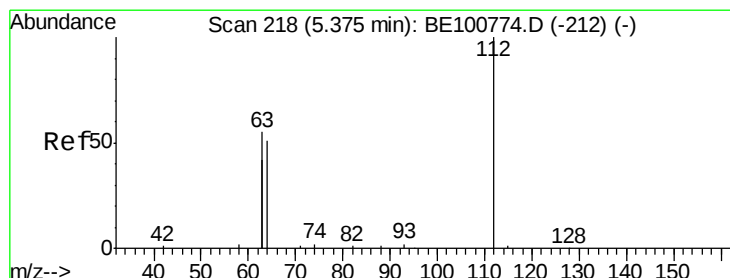
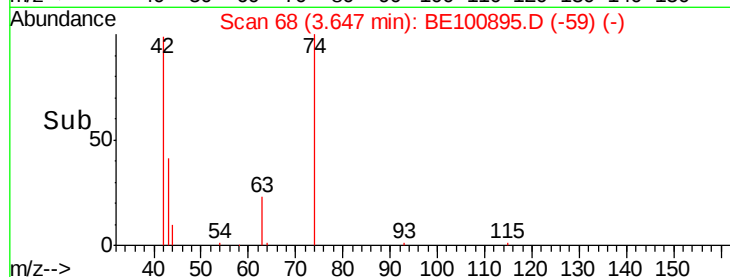
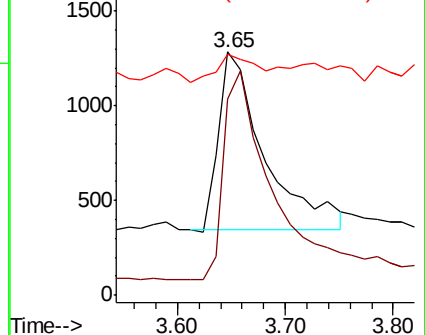
42 100

74 121.9 90.3 135.5

44 12.7 9.0 13.4



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.487 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

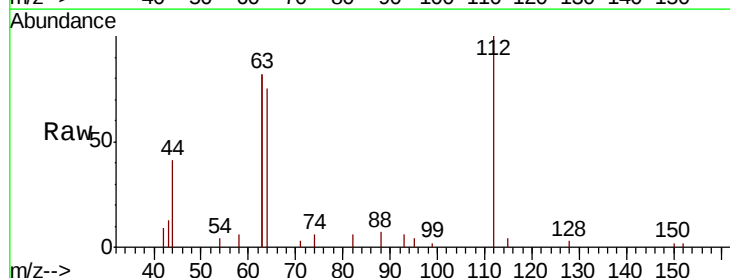
Tgt Ion: 112 Resp: 5252

Ion Ratio Lower Upper

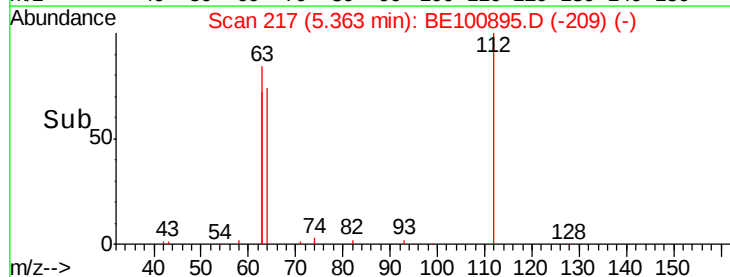
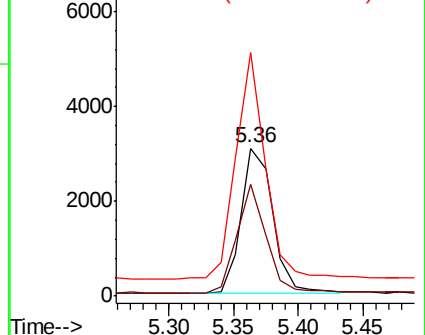
112 100

64 67.7 54.5 81.7

63 145.2 116.1 174.1



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.471 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

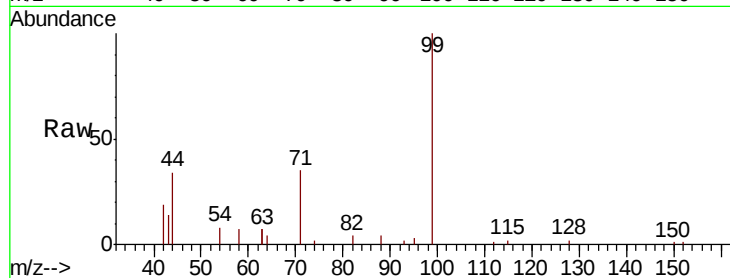
Tot Ion: 99 Resp: 7672

Ion Ratio Lower Upper

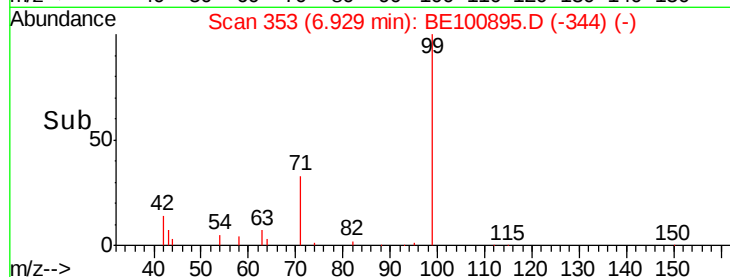
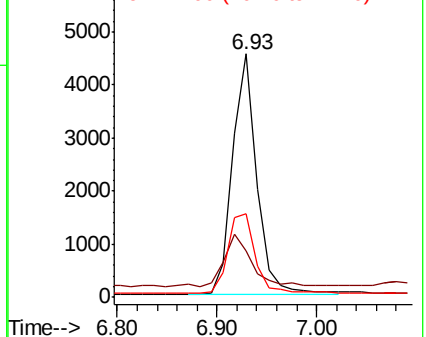
99 100

42 24.4 18.2 27.2

71 37.7 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.447 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

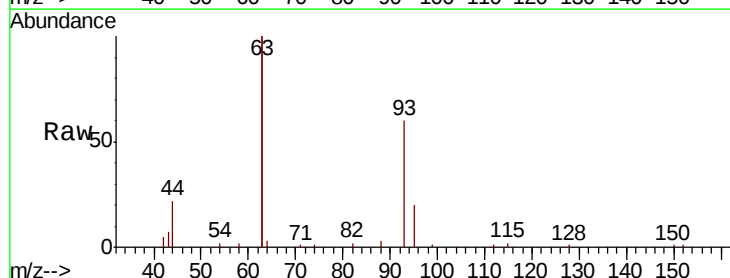
Tgt Ion: 93 Resp: 7035

Ion Ratio Lower Upper

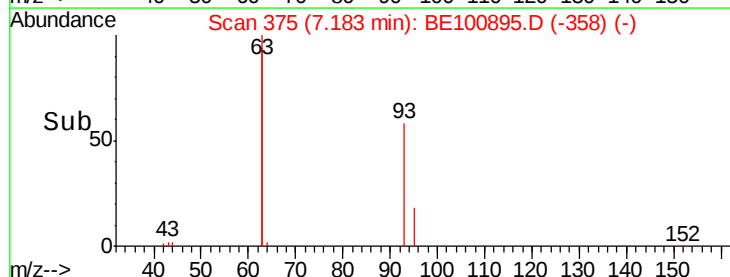
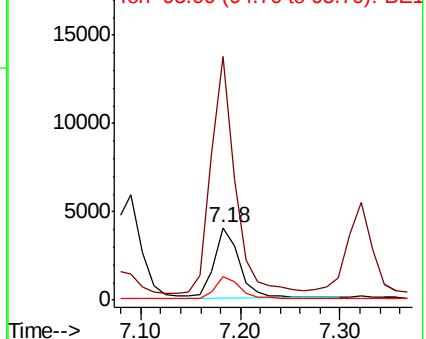
93 100

63 320.7 253.9 380.9

95 30.9 25.0 37.6



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 20464

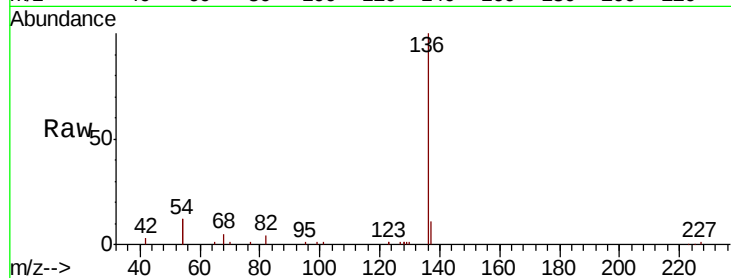
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 24.5 18.9 28.3

68 5.5 4.6 6.8

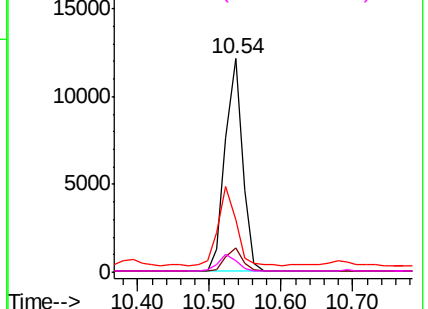
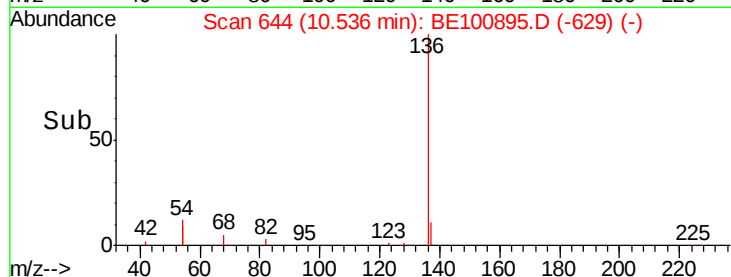


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.598 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

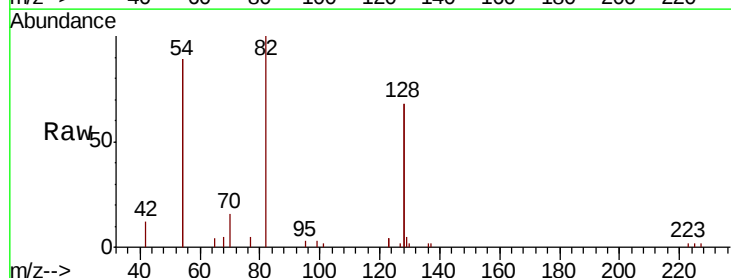
Tgt Ion: 82 Resp: 5828

Ion Ratio Lower Upper

82 100

128 136.8 113.5 170.3

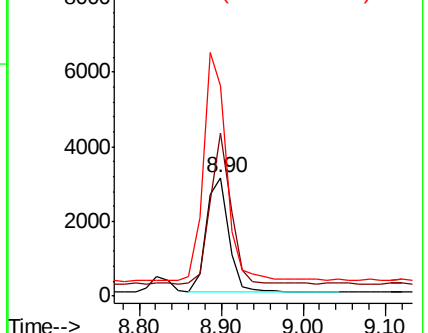
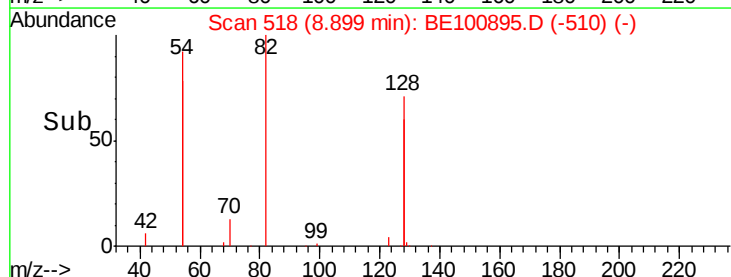
54 177.0 138.9 208.3



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.442 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

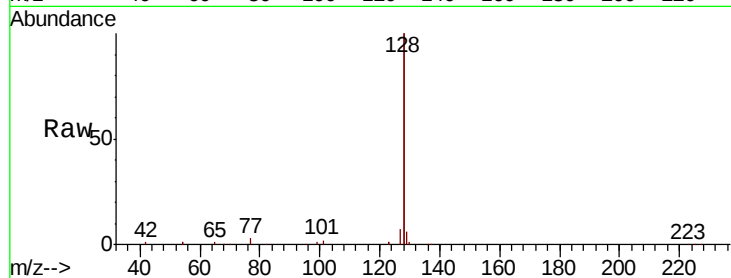
Tot Ion:128 Resp: 96039

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

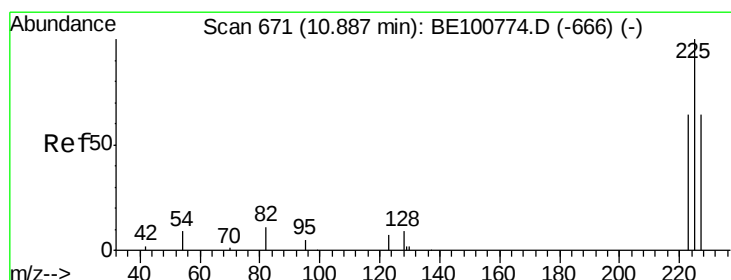
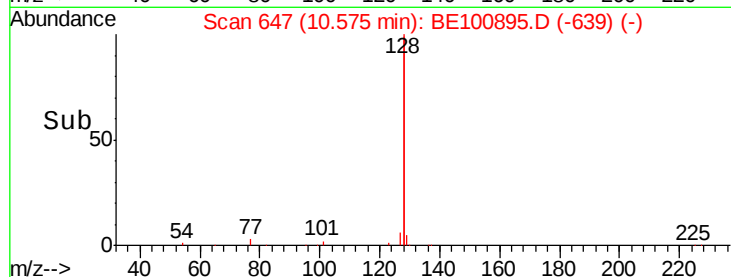
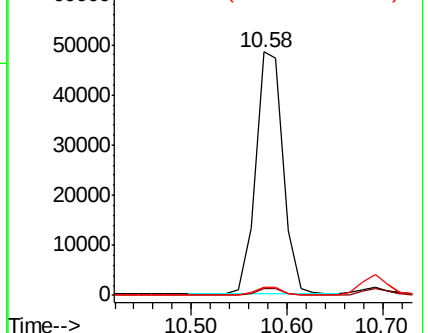
127 3.4 2.8 4.2



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: 0.434 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

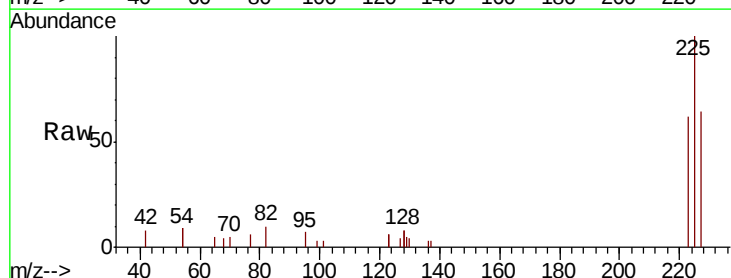
Tgt Ion:225 Resp: 3681

Ion Ratio Lower Upper

225 100

223 63.0 52.1 78.1

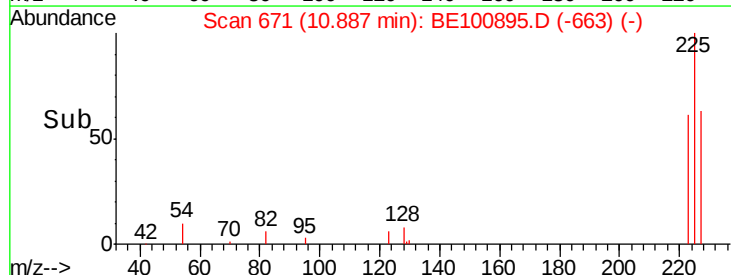
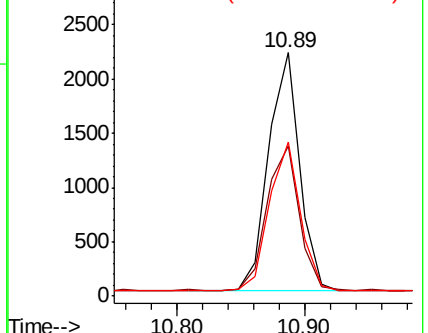
227 62.5 51.1 76.7

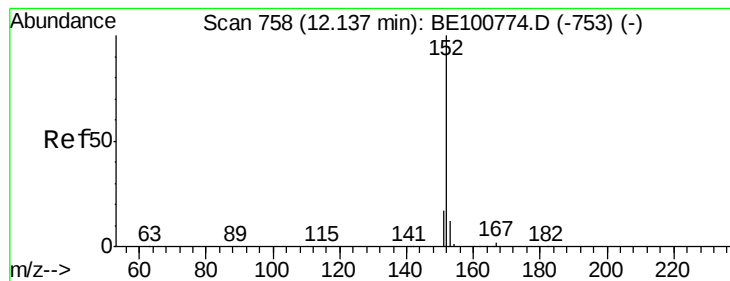


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.442 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

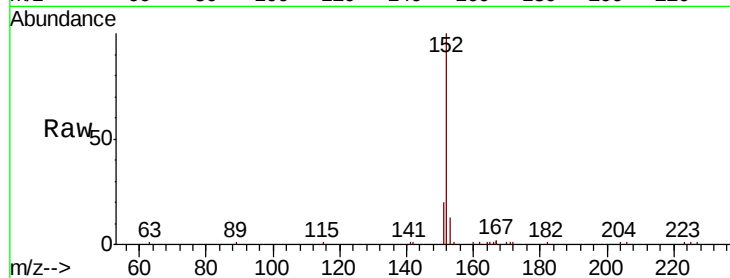
SSTDCCC0.4EC

Tot Ion:152 Resp: 13102

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

8000

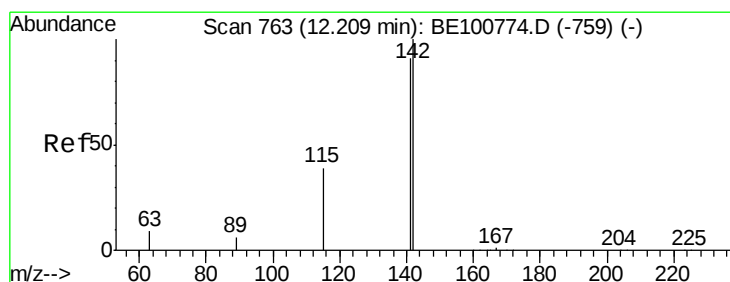
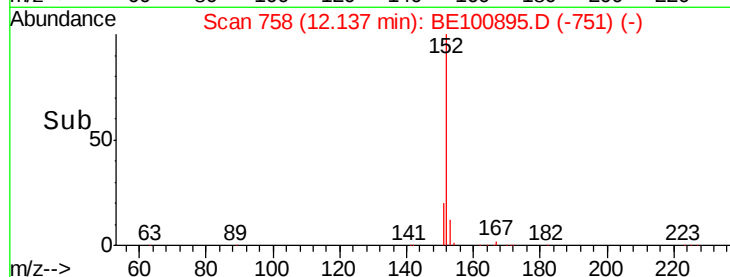
6000

4000

2000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.444 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

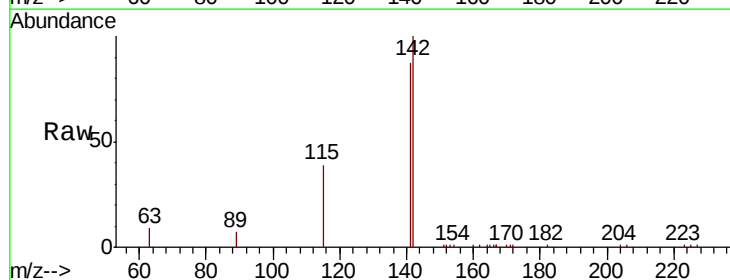
Tgt Ion:142 Resp: 15077

Ion Ratio Lower Upper

142 100

141 86.9 68.9 103.3

115 39.2 29.5 44.3



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

12.21

10000

8000

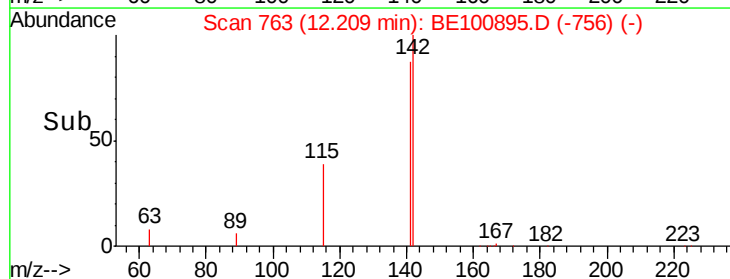
6000

4000

2000

0

Time--> 12.10 12.20 12.30

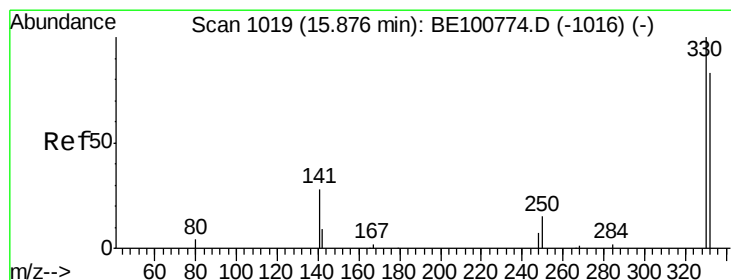
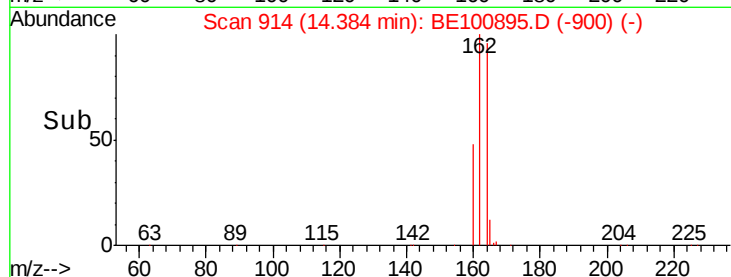
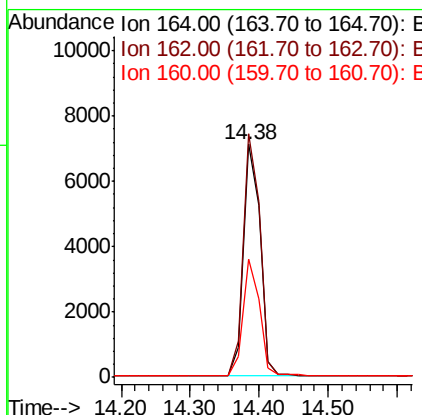
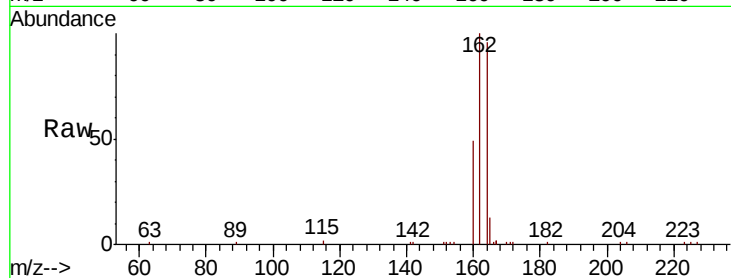




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

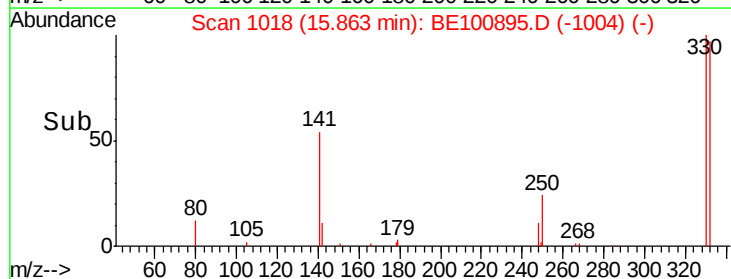
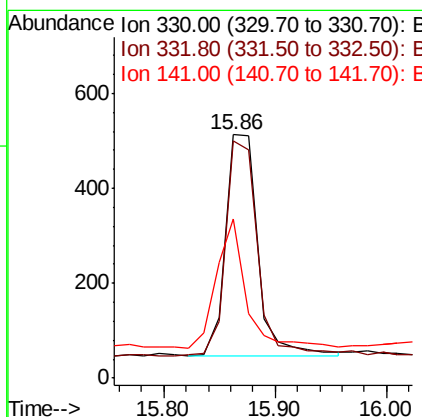
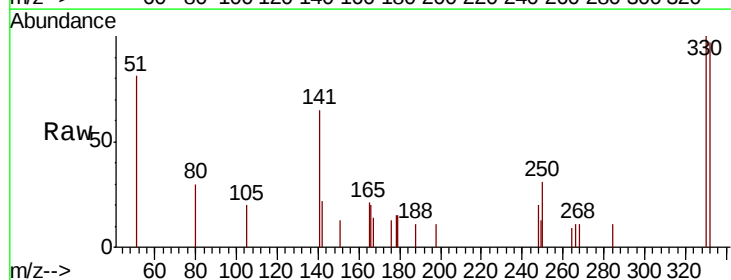
Instrument :
BNA_E
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SSTDCCC0.4EC

Tot Ion:164 Resp: 11852
Ion Ratio Lower Upper
164 100
162 104.6 86.0 129.0
160 51.0 42.3 63.5



#14
2,4,6-Tribromophenol
Concen: 0.706 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Tgt Ion:330 Resp: 931
Ion Ratio Lower Upper
330 100
332 99.2 74.1 111.1
141 52.6 46.7 70.1

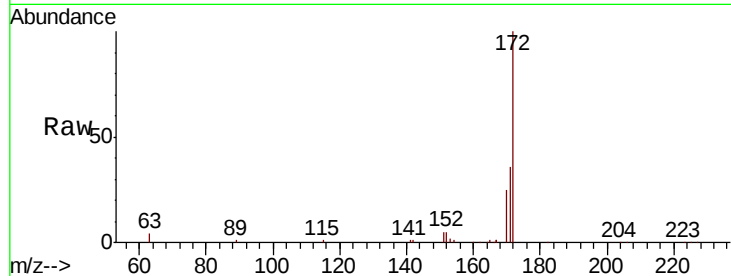




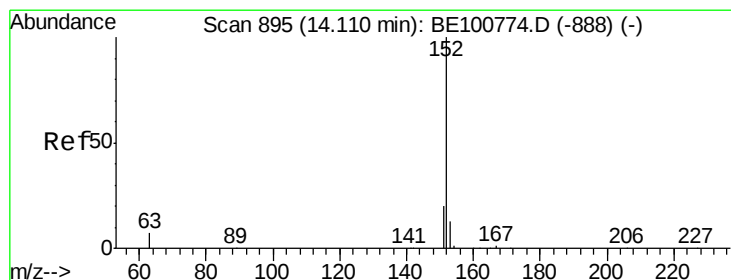
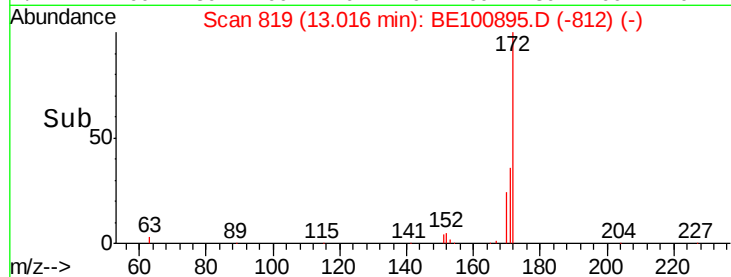
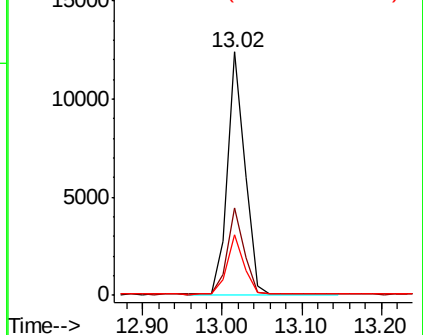
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 18654
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 24.7 19.4 29.0

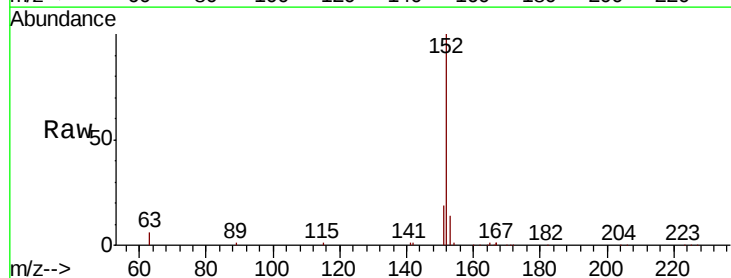


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

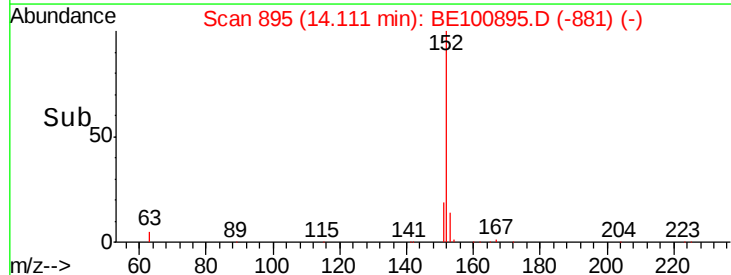
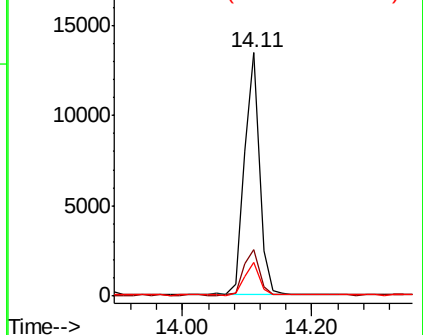


#16
Acenaphthylene
Concen: 0.444 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Tgt Ion:152 Resp: 21774
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.6 10.5 15.7



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

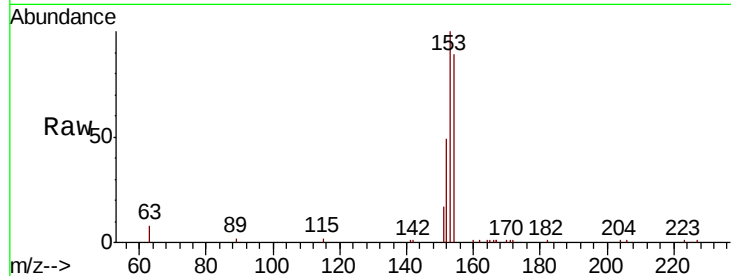




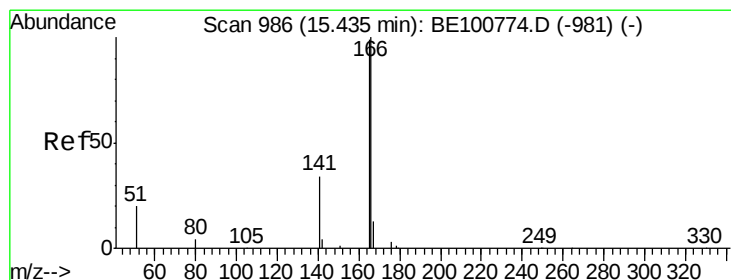
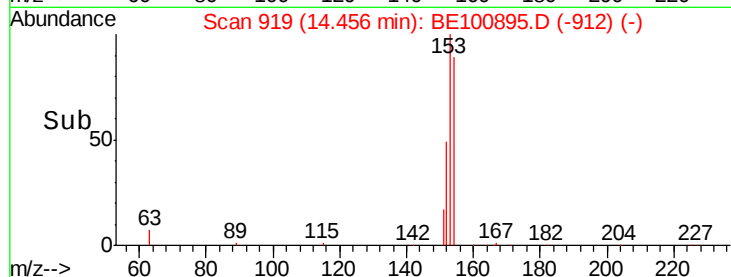
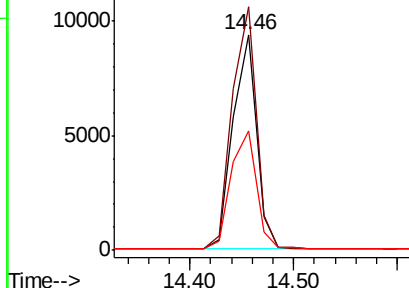
#17
Acenaphthene
Concen: 0.437 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 14753
Ion Ratio Lower Upper
154 100
153 115.9 91.5 137.3
152 59.9 47.7 71.5

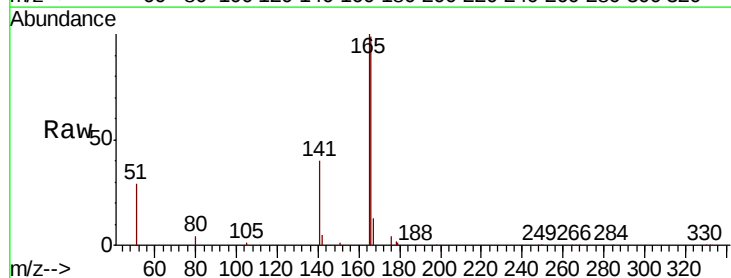


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

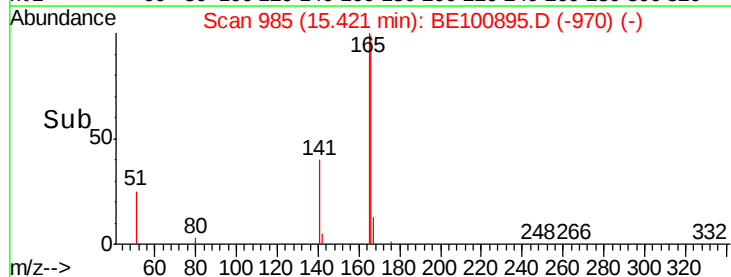
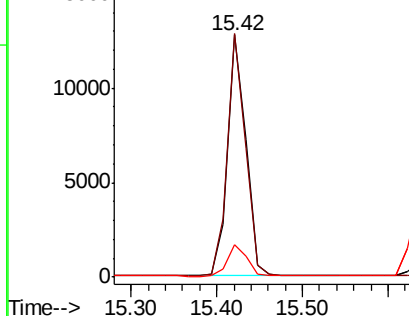


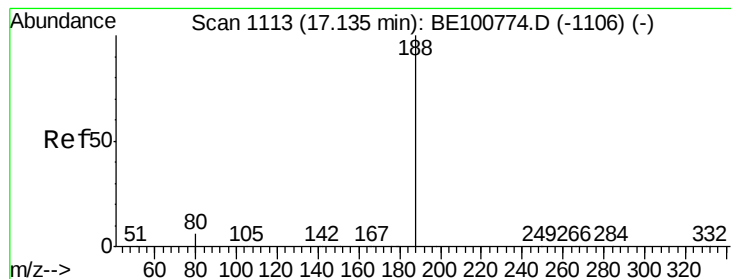
#18
Fluorene
Concen: 0.435 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Tgt Ion:166 Resp: 18939
Ion Ratio Lower Upper
166 100
165 99.9 80.2 120.4
167 13.6 10.6 16.0



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: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

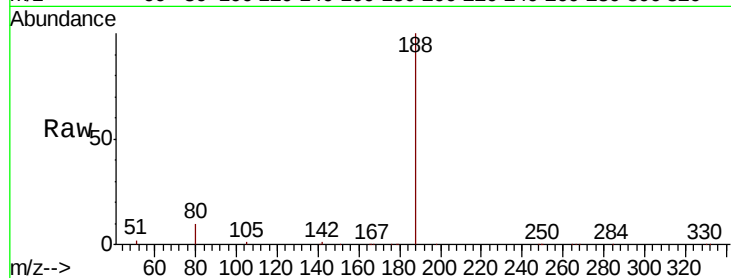
Tot Ion:188 Resp: 27192

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

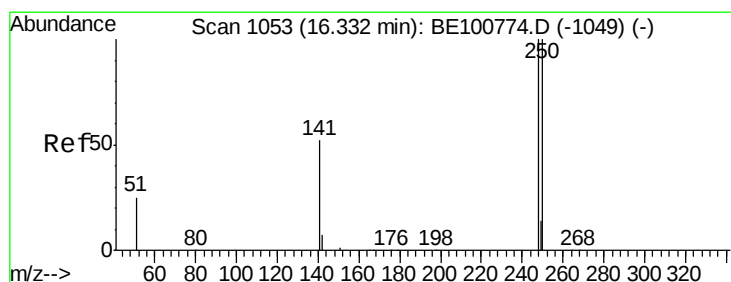
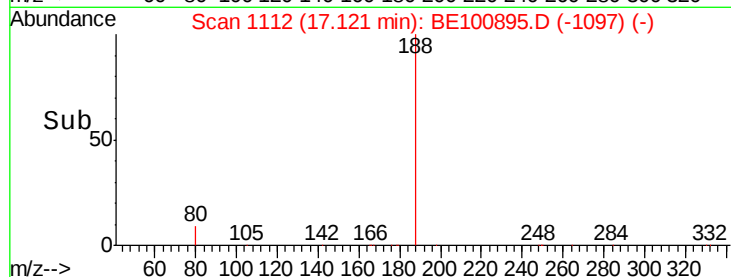
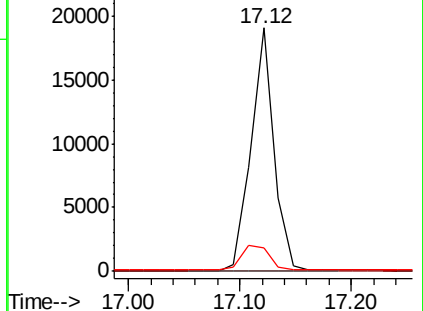
80 9.6 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.415 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

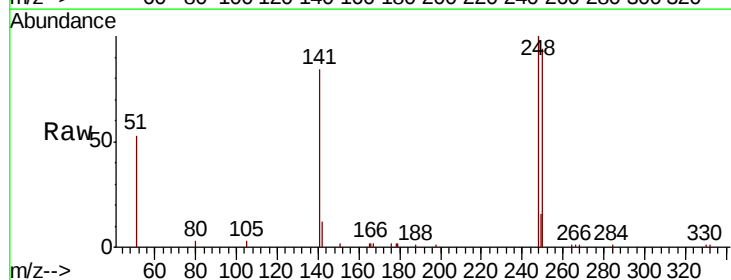
Tgt Ion:248 Resp: 5541

Ion Ratio Lower Upper

248 100

250 93.8 72.4 108.6

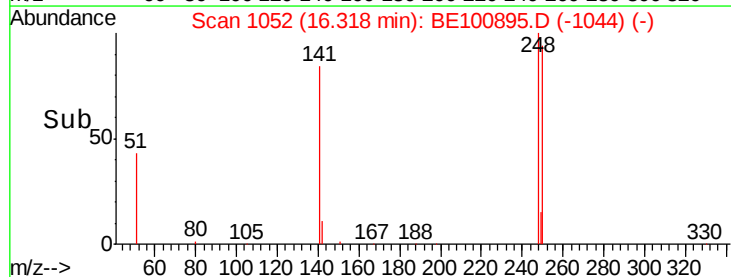
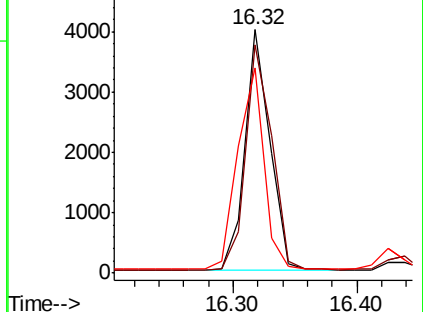
141 84.5 68.2 102.2



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

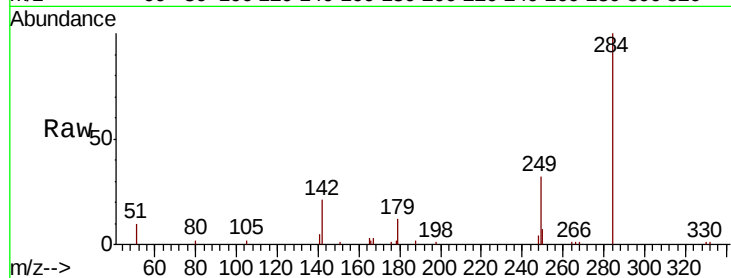




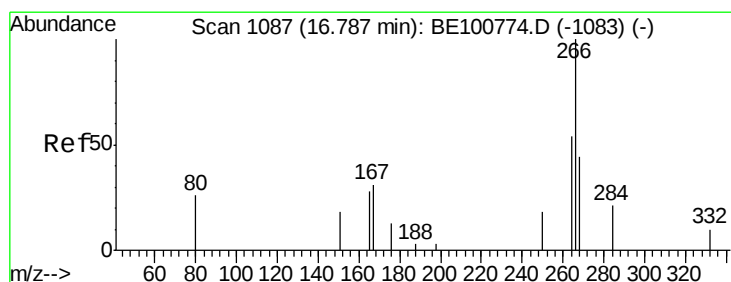
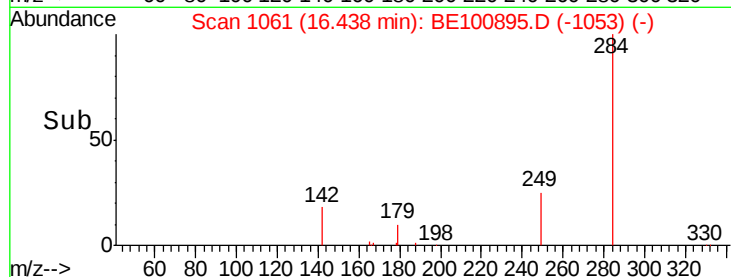
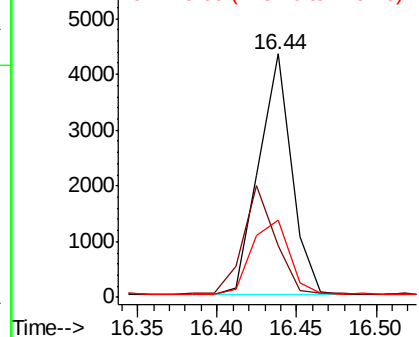
#21
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 6134
Ion Ratio Lower Upper
284 100
142 44.6 35.0 52.4
249 34.9 28.1 42.1

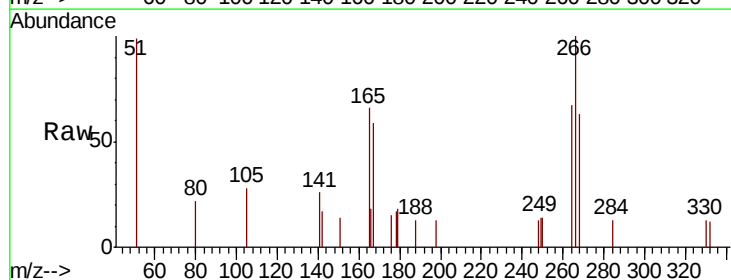


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

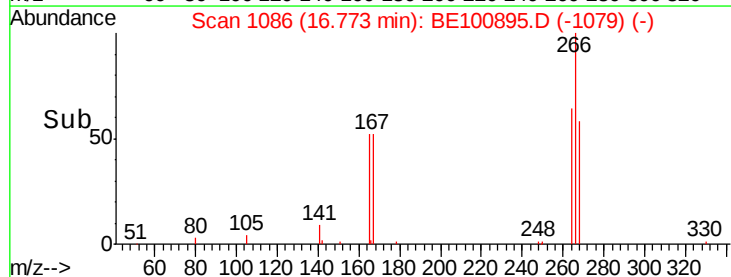
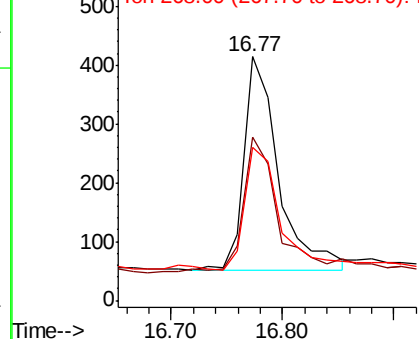


#22
Pentachlorophenol
Concen: 0.775 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Tgt Ion:266 Resp: 777
Ion Ratio Lower Upper
266 100
264 66.9 55.1 82.7
268 63.0 50.7 76.1



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: 0.419 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

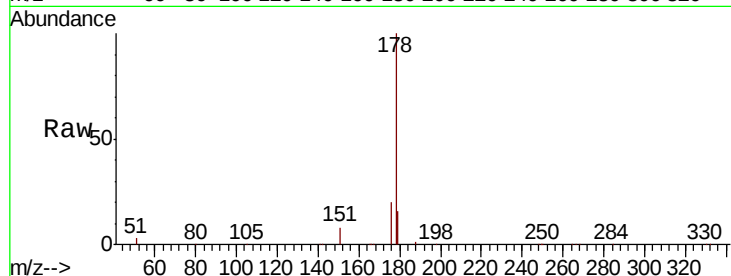
Tot Ion:178 Resp: 34486

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

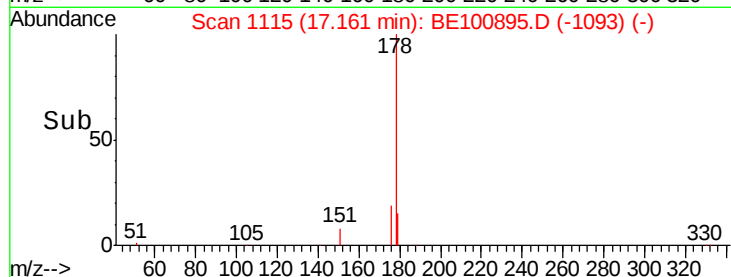
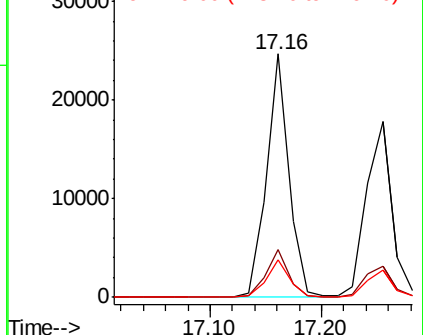
179 15.6 11.9 17.9



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: 0.411 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

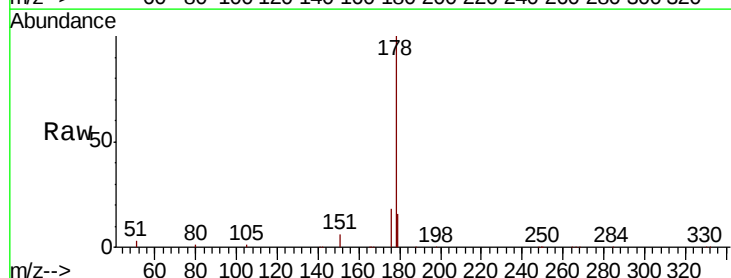
Tgt Ion:178 Resp: 28309

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

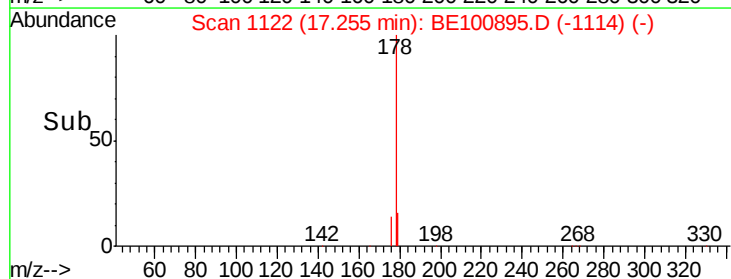
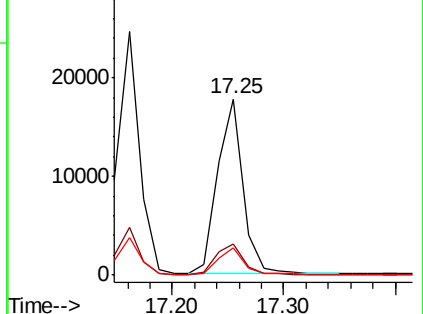
179 15.3 12.2 18.4

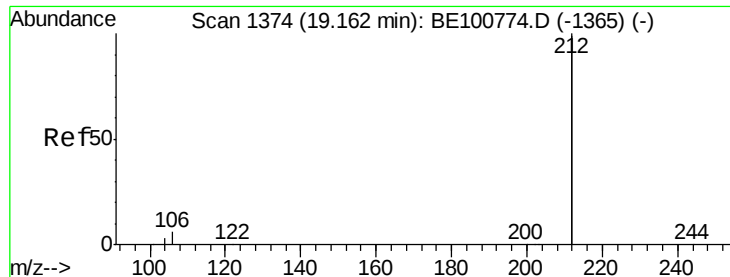


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

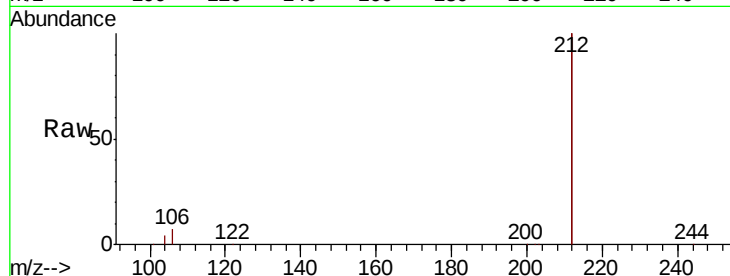
Tot Ion:212 Resp: 117591

Ion Ratio Lower Upper

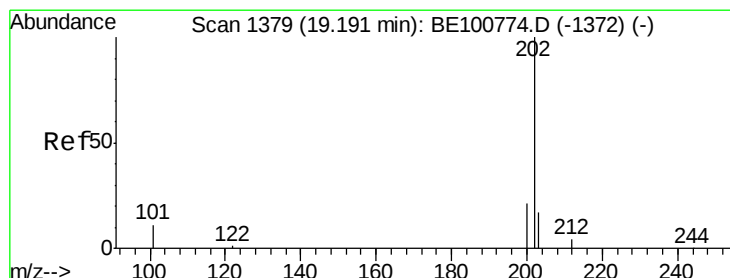
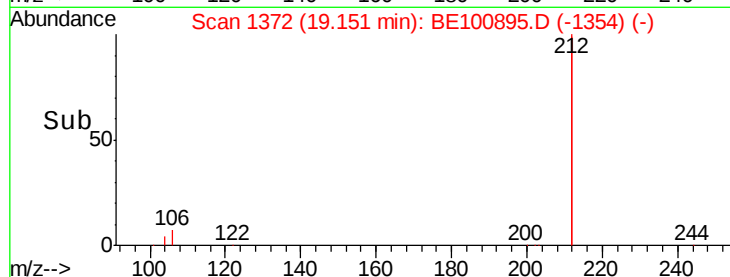
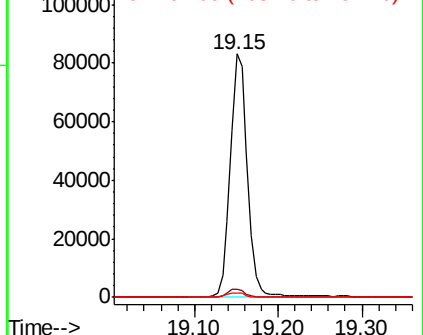
212 100

106 3.5 2.6 4.0

104 1.9 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.378 ng

RT: 19.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

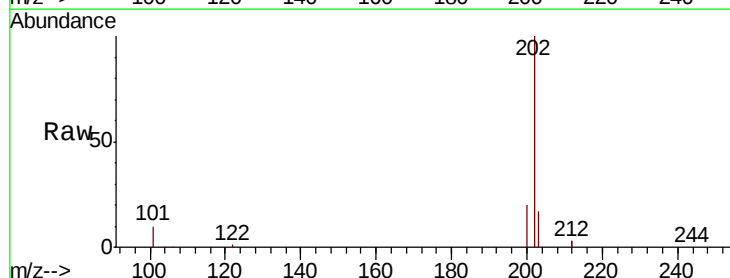
Tgt Ion:202 Resp: 37149

Ion Ratio Lower Upper

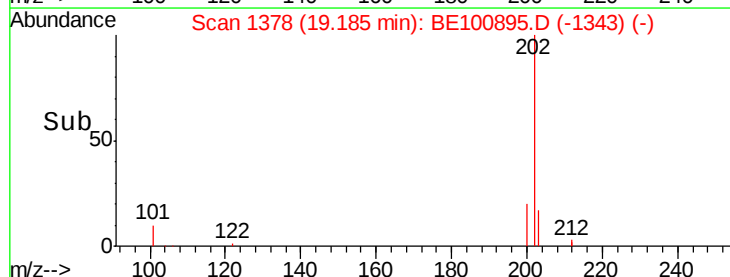
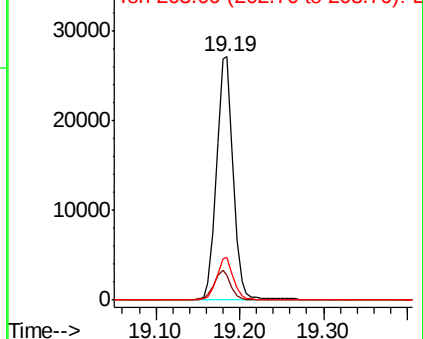
202 100

101 11.9 9.4 14.0

203 17.0 13.7 20.5



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: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

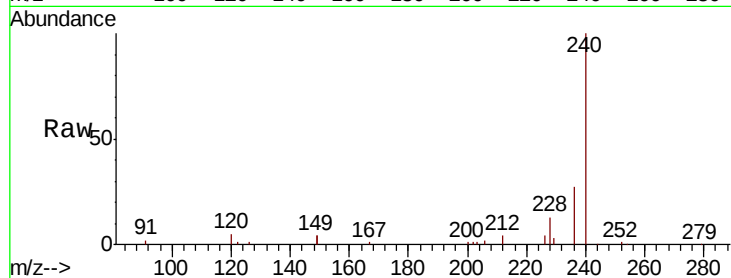
Tot Ion:240 Resp: 23576

Ion Ratio Lower Upper

240 100

120 5.5 4.0 6.0

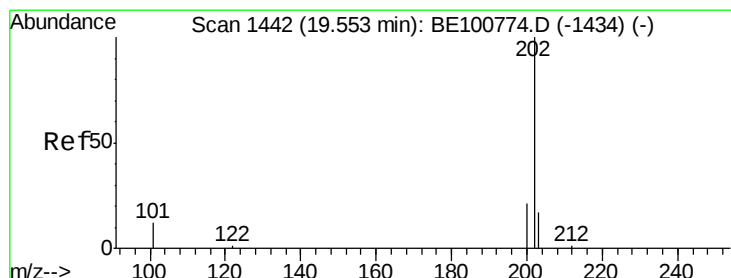
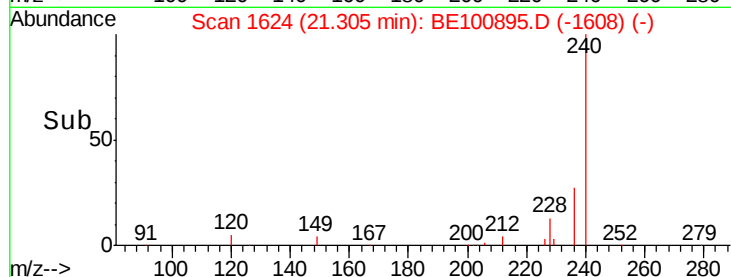
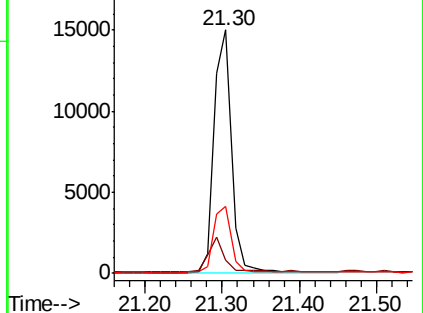
236 27.2 21.6 32.4



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: 0.477 ng

RT: 19.54 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

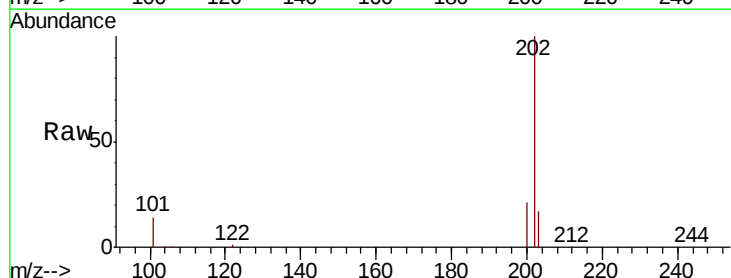
Tgt Ion:202 Resp: 36577

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

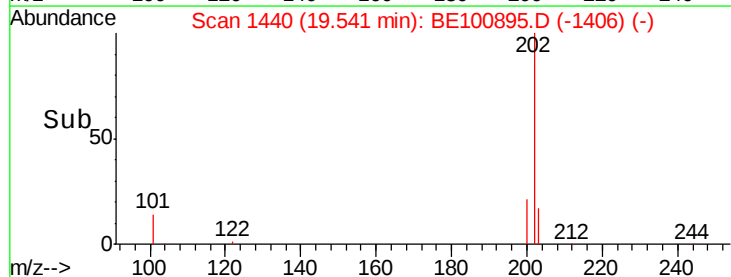
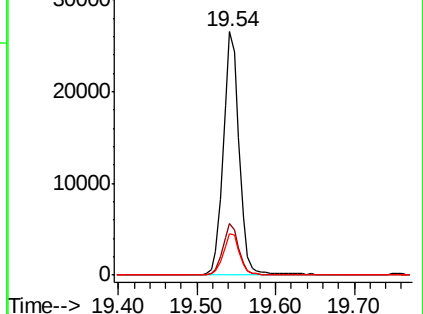
203 17.2 13.8 20.8



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: 0.423 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

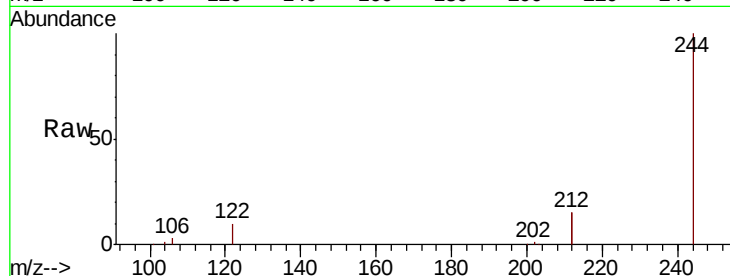
Tot Ion:244 Resp: 23873

Ion Ratio Lower Upper

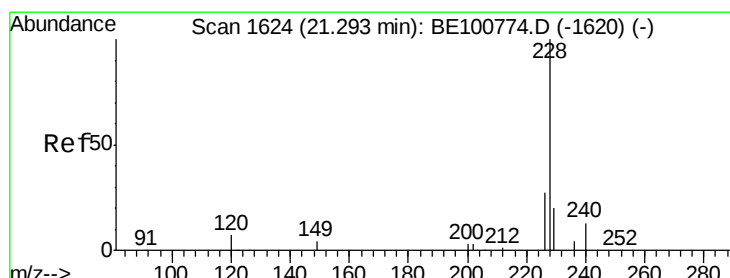
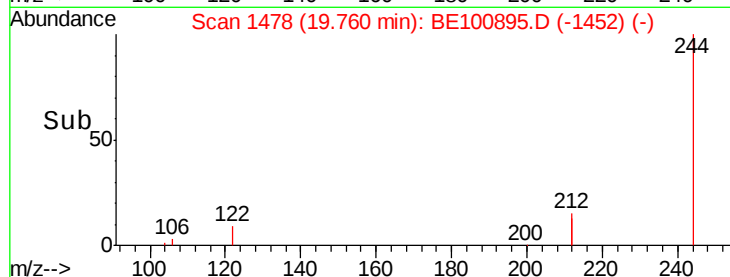
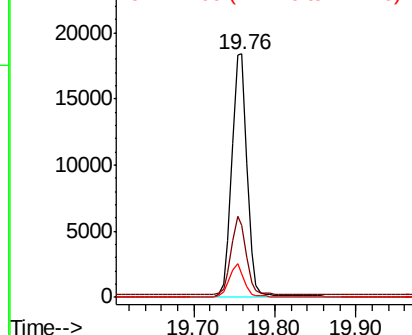
244 100

212 29.5 25.2 37.8

122 9.8 8.9 13.3



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: 0.461 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

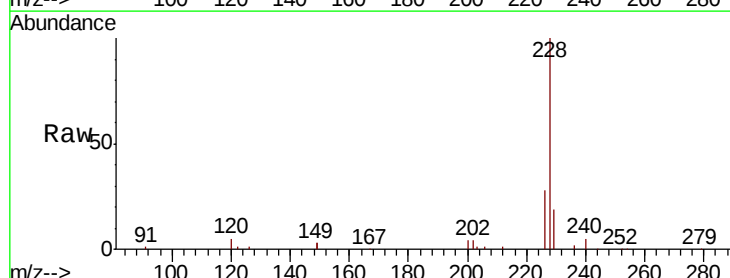
Tgt Ion:228 Resp: 32023

Ion Ratio Lower Upper

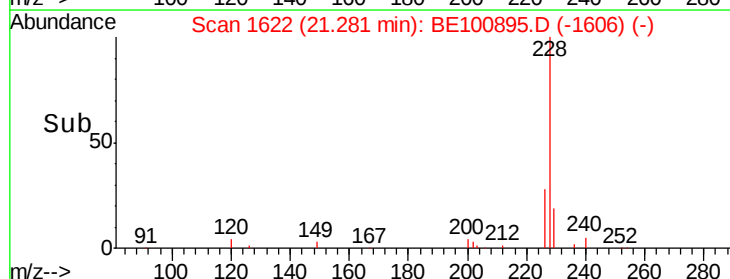
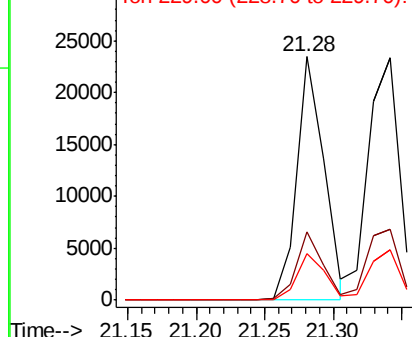
228 100

226 28.1 21.4 32.0

229 19.3 15.8 23.6



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

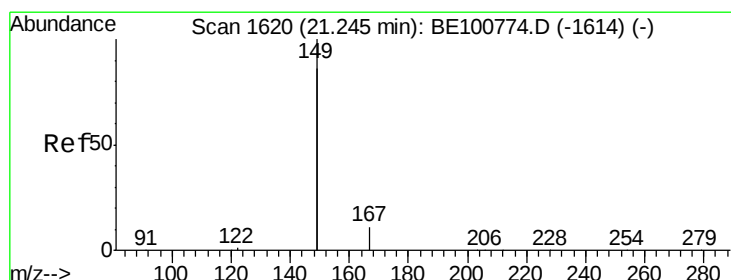
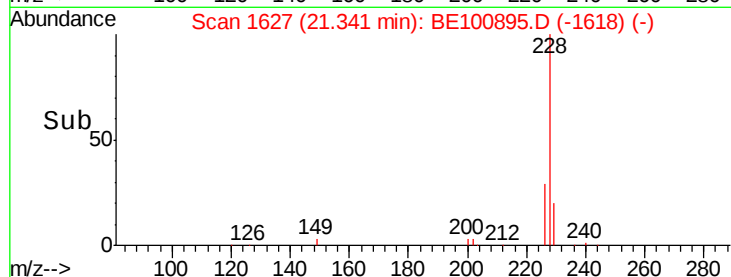
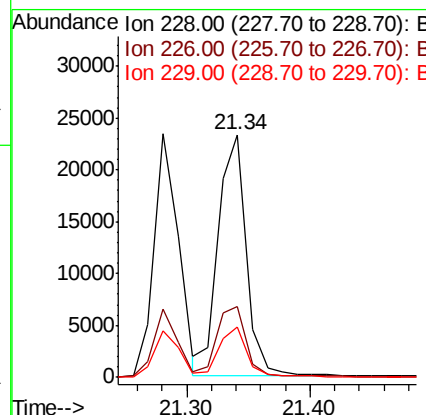
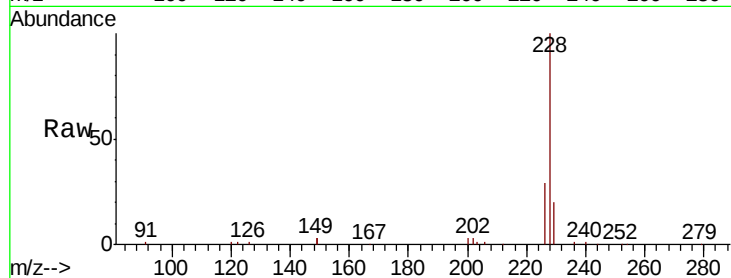




#31
Chrysene
Concen: 0.449 ng
RT: 21.34 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

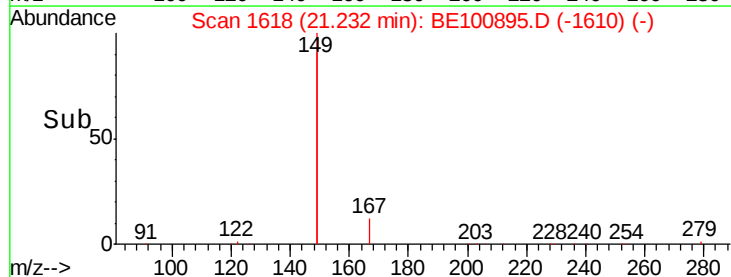
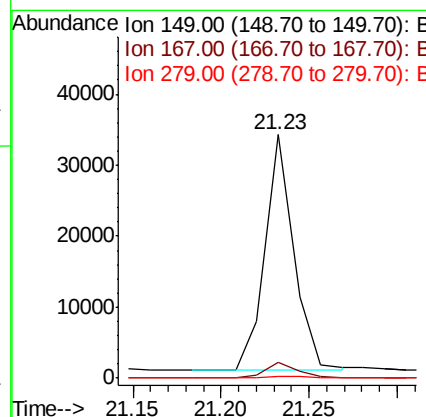
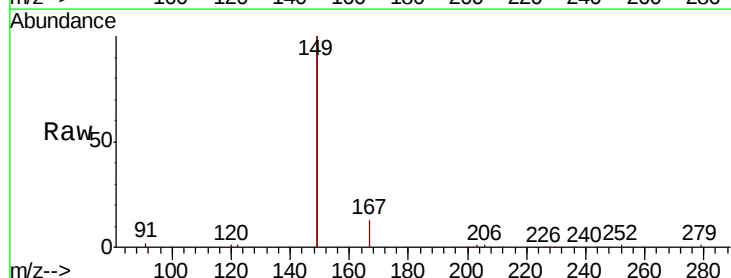
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:228 Resp: 36635
Ion Ratio Lower Upper
228 100
226 29.2 25.3 37.9
229 20.5 15.2 22.8



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.745 ng
RT: 21.23 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Tgt Ion:149 Resp: 37583
Ion Ratio Lower Upper
149 100
167 6.4 5.0 7.4
279 0.8 0.6 1.0

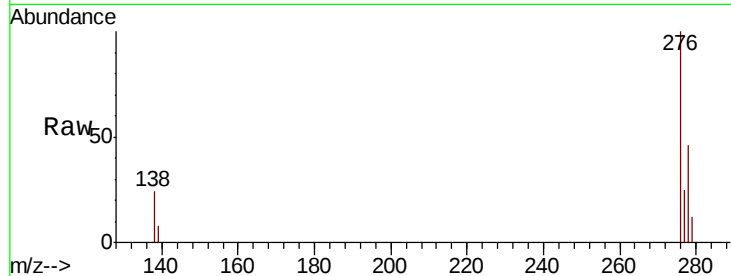




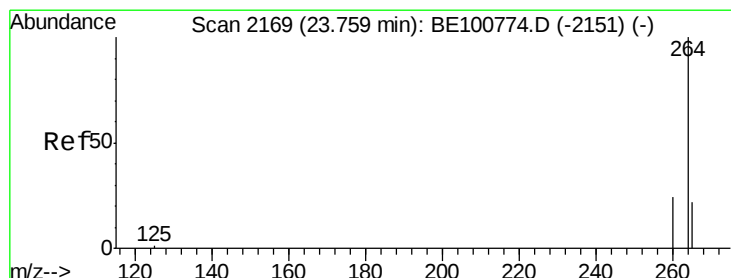
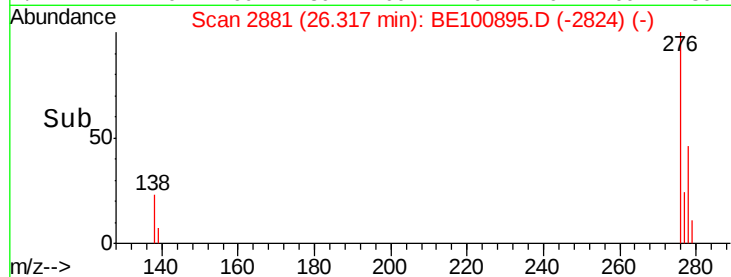
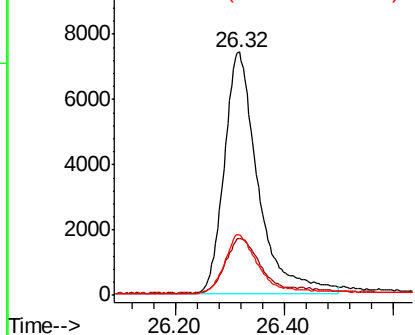
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng
RT: 26.32 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 32140
Ion Ratio Lower Upper
276 100
138 22.8 18.4 27.6
277 24.2 19.4 29.2

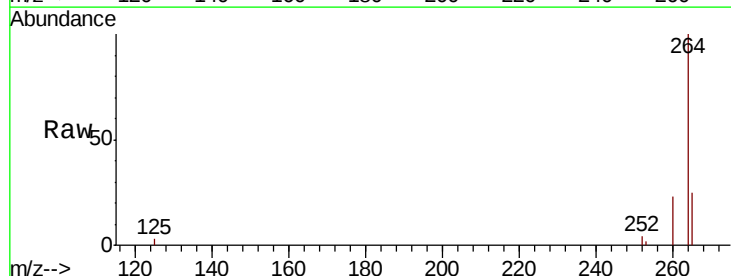


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

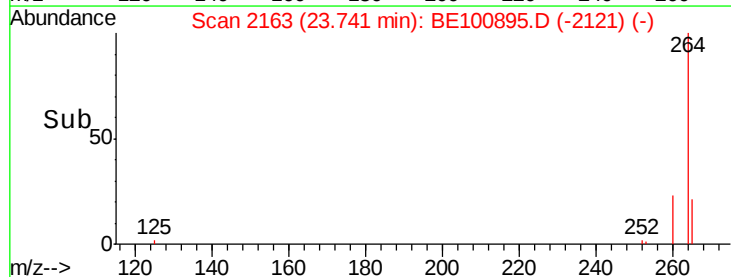
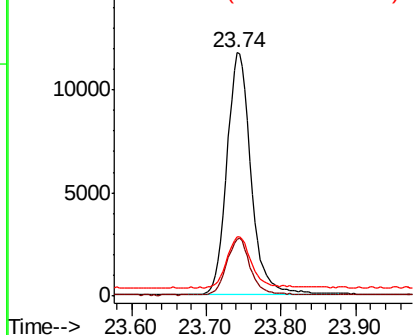


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Tgt Ion:264 Resp: 26472
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.0
265 24.5 20.1 30.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

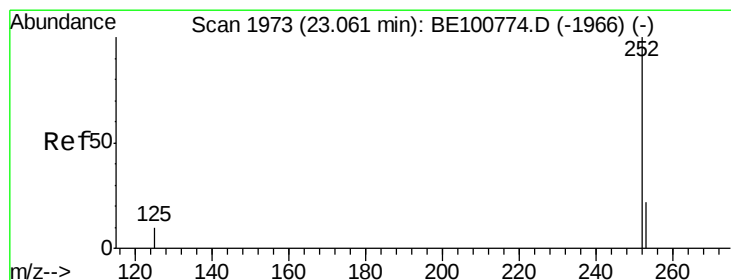
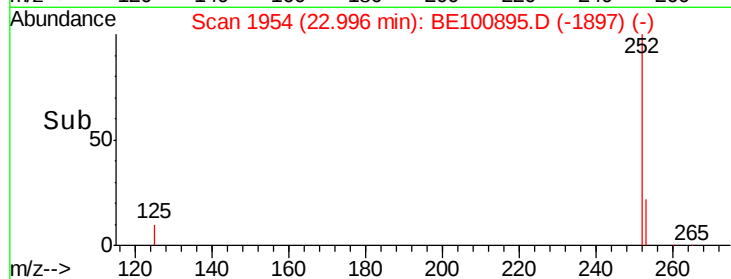
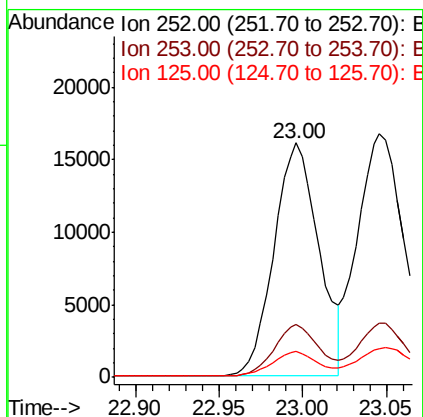
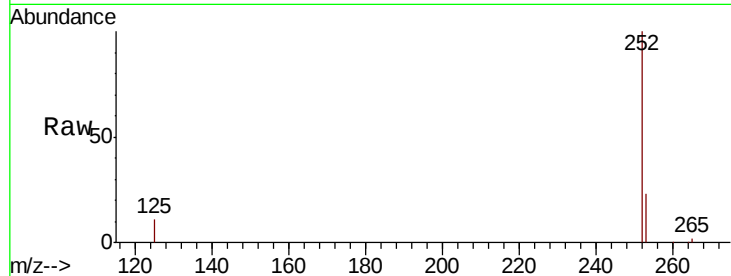




#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.00 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

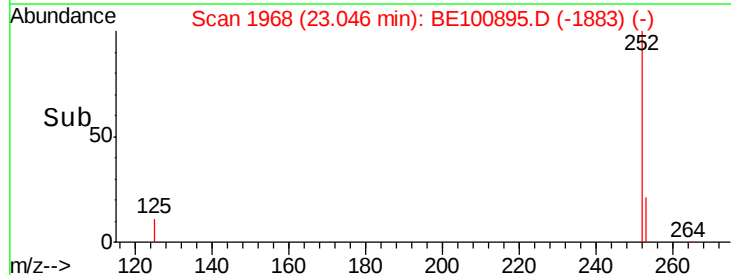
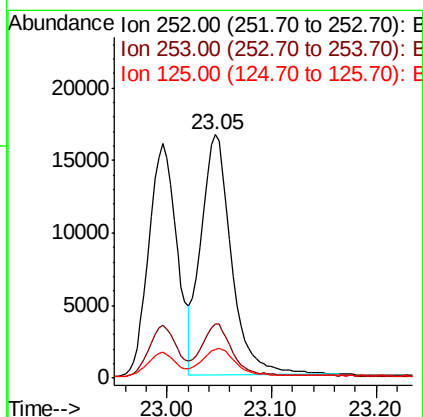
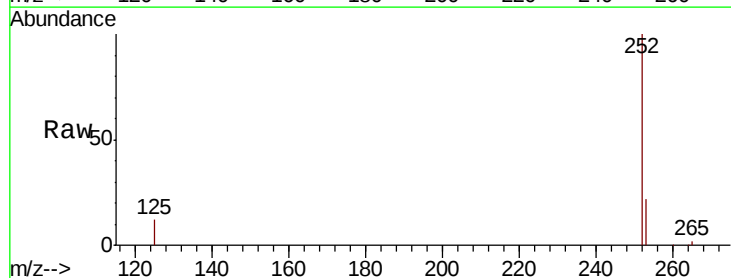
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 30107
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.1 8.3 12.5



#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 23.05 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Tgt Ion:252 Resp: 34021
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.0 9.4 14.0





#37

Benzo(a)pyrene

Concen: 0.412 ng

RT: 23.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

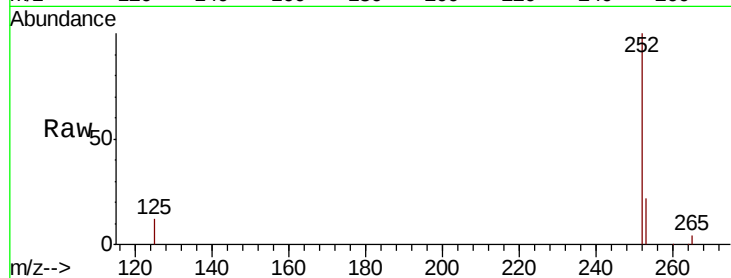
Tot Ion:252 Resp: 25824

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.8 9.9 14.9

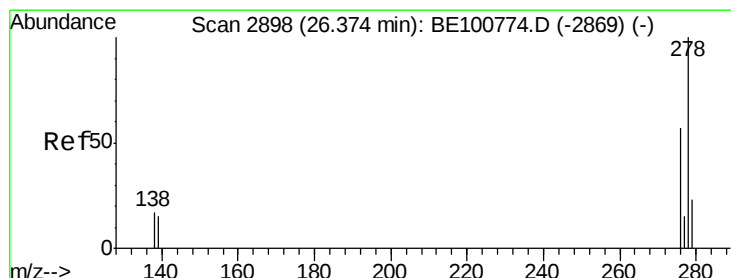
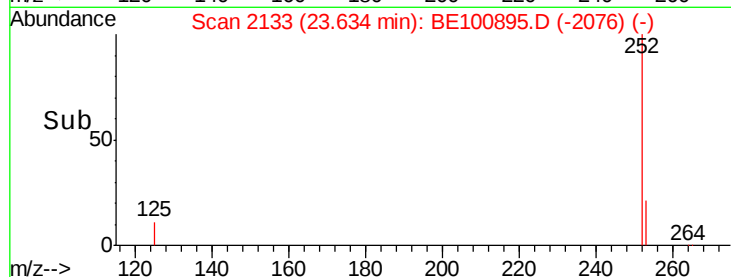
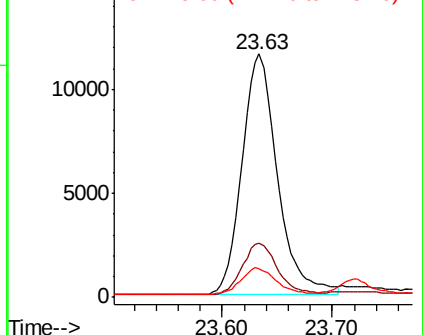


Abundance

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: 0.413 ng

RT: 26.34 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

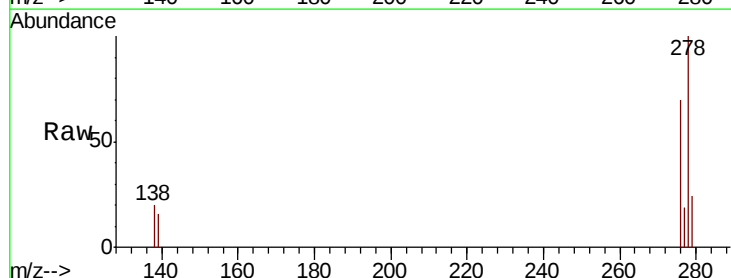
Tgt Ion:278 Resp: 25759

Ion Ratio Lower Upper

278 100

139 15.7 13.8 20.6

279 24.1 19.8 29.6

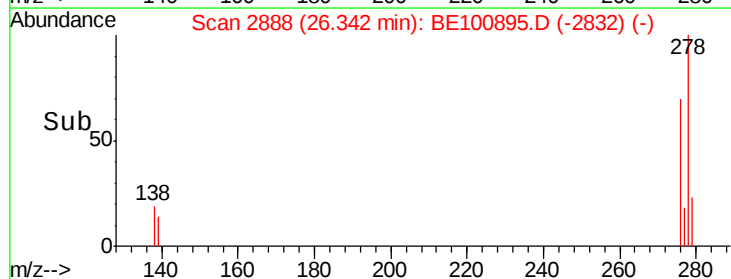
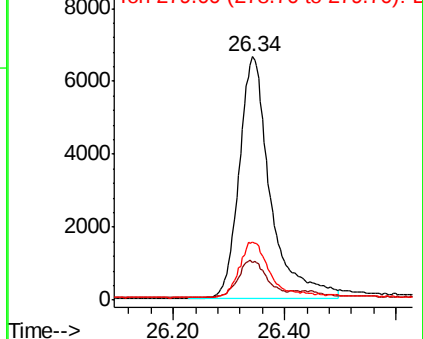


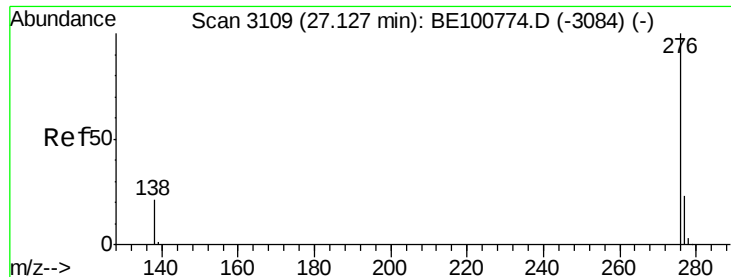
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.412 ng

RT: 27.10 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

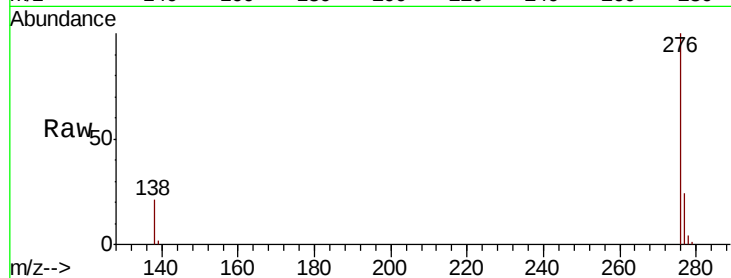
Tot Ion:276 Resp: 27480

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 20.9 18.0 27.0



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

