

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100142.D
 Acq On : 21 Jun 2019 18:42
 Operator : JU/SJ
 Sample : K3428-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-SW055-061319

Quant Time: Jun 22 02:04:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	473	0.40	ng	-0.01
7) Naphthalene-d8	10.55	136	1677	0.40	ng	0.01
13) Acenaphthene-d10	14.40	164	1730	0.40	ng	-0.02
19) Phenanthrene-d10	17.15	188	6088	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	7801	0.40	ng	0.00
34) Perylene-d12	23.83	264	8804	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	330	0.34	ng	0.00
5) Phenol-d6	6.92	99	380	0.28	ng	-0.01
8) Nitrobenzene-d5	8.94	82	389	0.24	ng	0.03
11) 2-Methylnaphthalene-d10	12.15	152	61	0.02	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	254	0.27	ng	-0.01
15) 2-Fluorobiphenyl	13.04	172	1653	0.24	ng	0.00
25) Fluoranthene-d10	19.19	212	1571	0.02	ng	0.00
29) Terphenyl-d14	19.79	244	4106	0.26	ng	-0.02

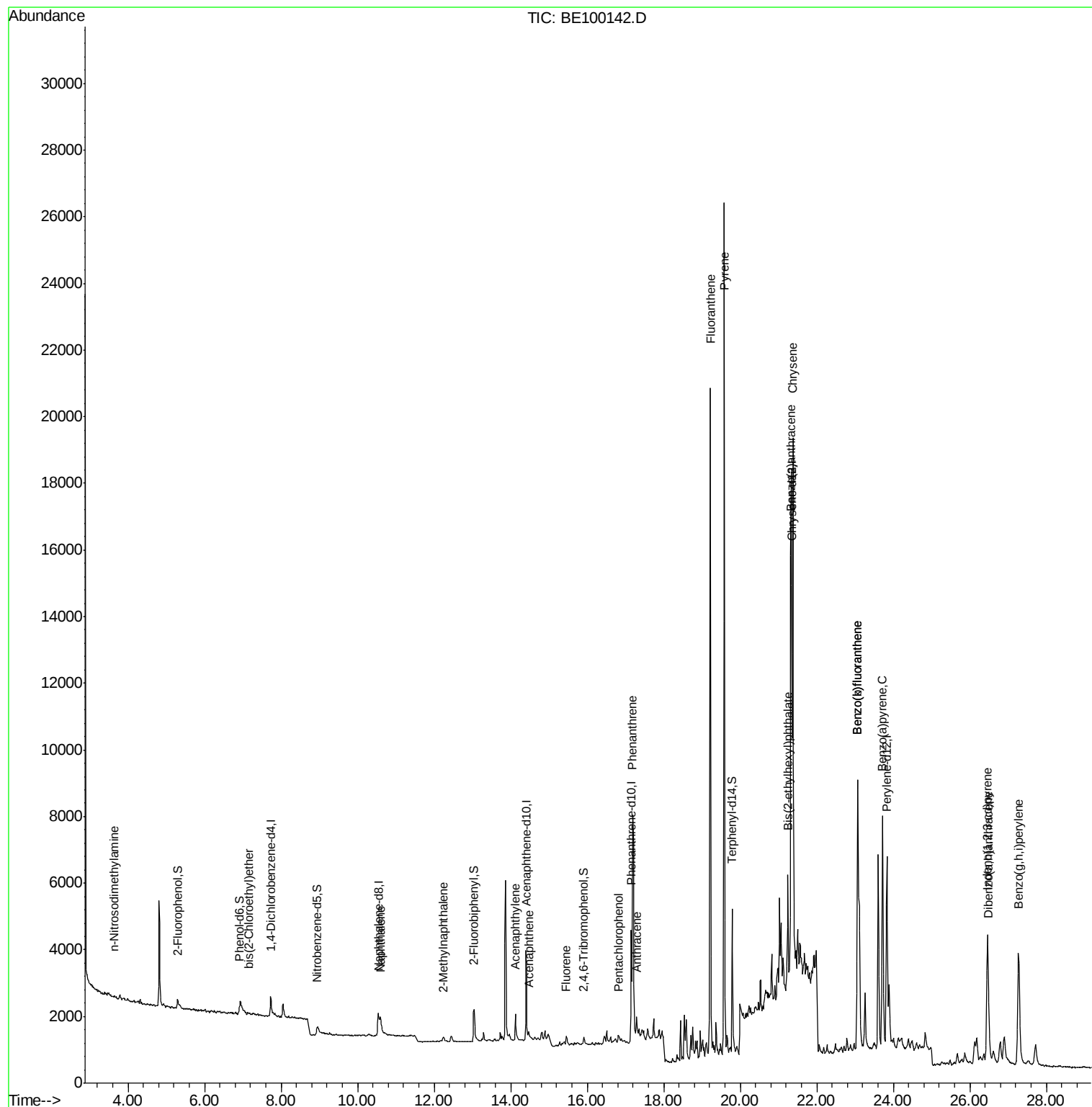
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.64	42	8	0.357	ng	# 100
6) bis(2-Chloroethyl)ether	7.15	93	17	0.046	ng	# 1
9) Naphthalene	10.59	128	1174	0.064	ng	# 79
12) 2-Methylnaphthalene	12.24	142	202	0.067	ng	# 92
16) Acenaphthylene	14.12	152	1206	0.147	ng	# 98
17) Acenaphthene	14.47	154	112	0.024	ng	# 89
18) Fluorene	15.45	166	321	0.047	ng	# 86
22) Pentachlorophenol	16.83	266	169	0.372	ng	# 92
23) Phenanthrene	17.19	178	9361	0.642	ng	# 97
24) Anthracene	17.30	178	970	0.079	ng	# 92
26) Fluoranthene	19.22	202	19918	0.851	ng	# 99
28) Pyrene	19.58	202	25039	1.249	ng	# 97
30) Benzo(a)anthracene	21.32	228	13351	0.575	ng	# 96
31) Chrysene	21.38	228	16932	0.628	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.24	149	3839	0.175	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.46	276	8255	0.272	ng	# 94
35) Benzo(b)fluoranthene	23.07	252	16801	0.650	ng	# 95
36) Benzo(k)fluoranthene	23.07	252	16801	0.572	ng	# 95
37) Benzo(a)pyrene	23.72	252	11939	0.479	ng	# 98
38) Dibenzo(a,h)anthracene	26.49	278	2311	0.090	ng	# 74
39) Benzo(g,h,i)perylene	27.27	276	9271	0.349	ng	# 100

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

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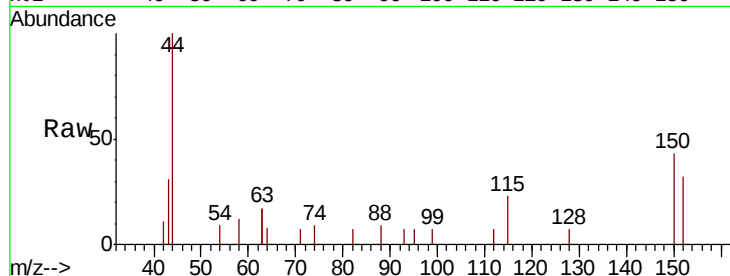


#1

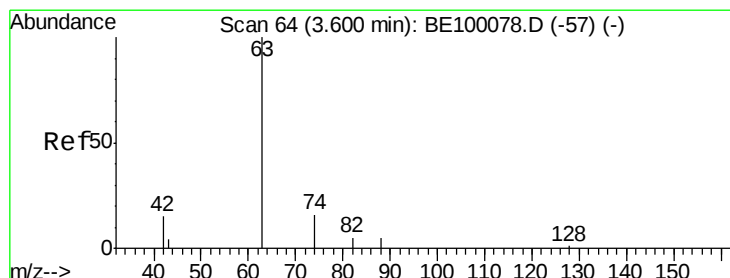
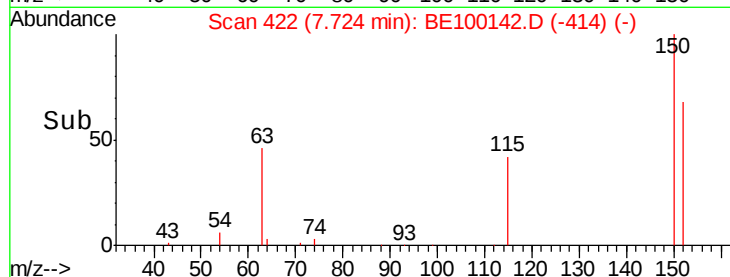
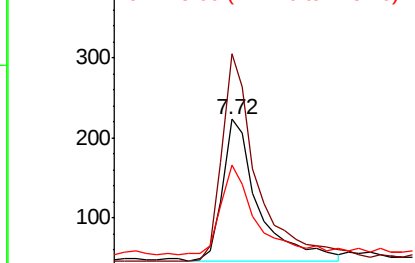
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100142.D
Acq: 21 Jun 2019 18:42

Instrument :
BNA_E
ClientSampleId :
PST-084-SW055-061319

Tgt Ion:152 Resp: 473
Ion Ratio Lower Upper
152 100
150 136.8 99.8 149.8
115 74.0 51.3 76.9



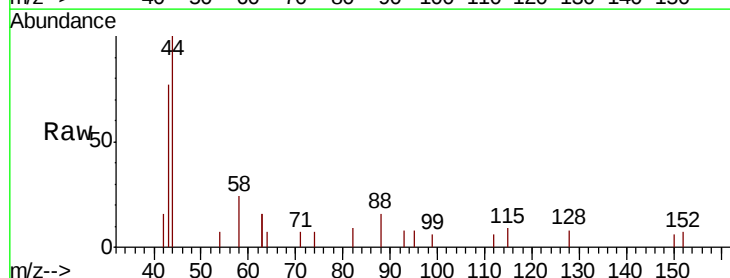
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



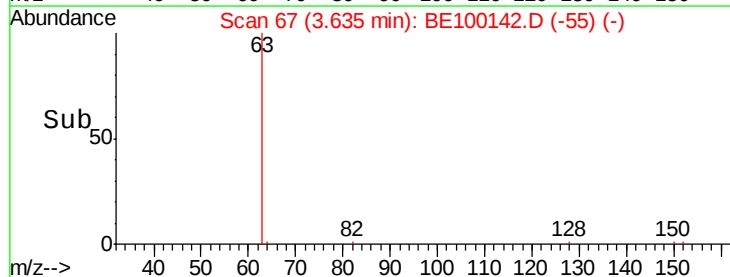
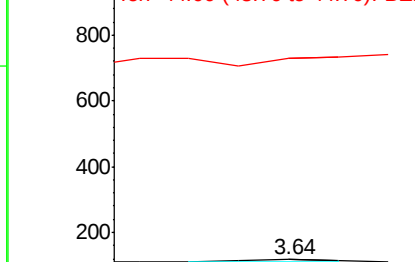
#3

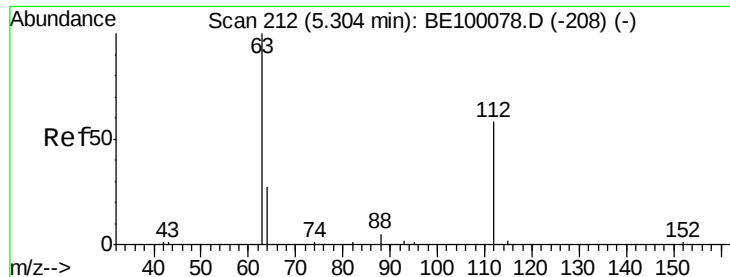
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.04 min
Lab File: BE100142.D
Acq: 21 Jun 2019 18:42

Tgt Ion: 42 Resp: 8
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 0.0 0.0



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: 0.336 ng

RT: 5.30 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

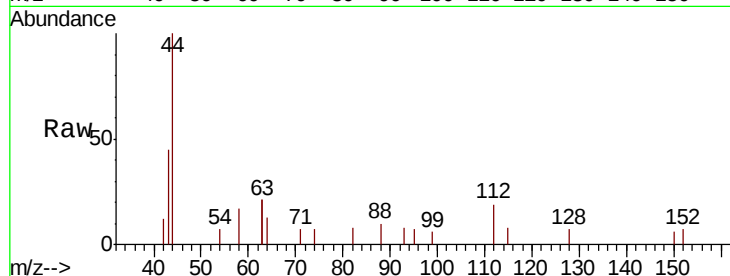
Tgt Ion: 112 Resp: 330

Ion Ratio Lower Upper

112 100

64 55.8 22.0 33.0#

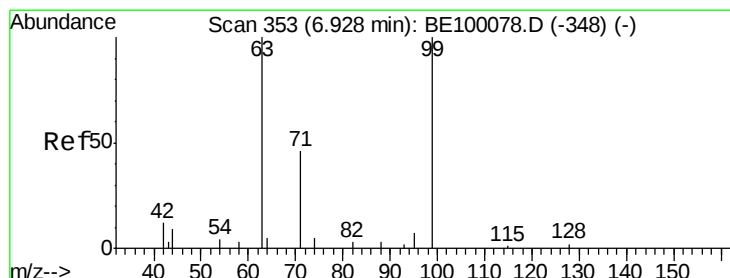
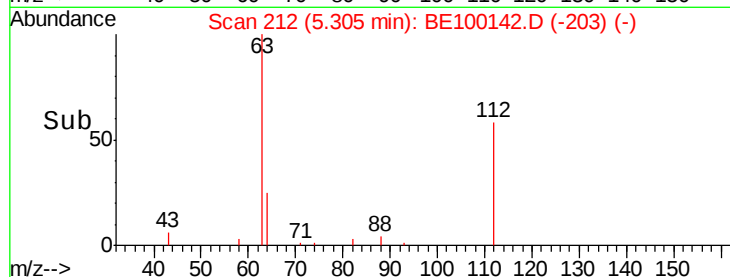
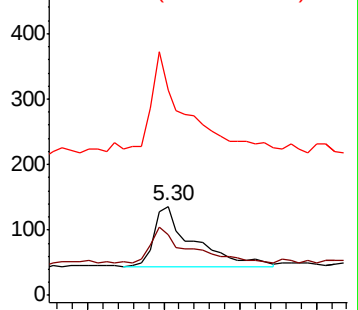
63 144.2 121.8 182.6



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: 0.282 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

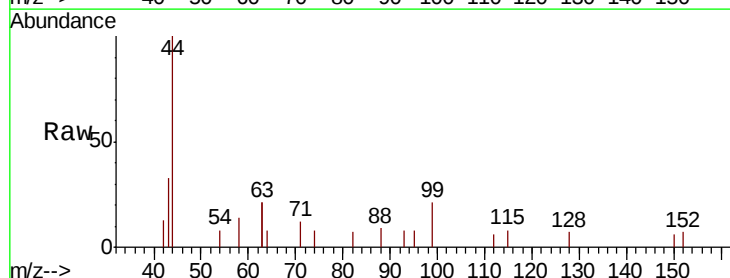
Tgt Ion: 99 Resp: 380

Ion Ratio Lower Upper

99 100

42 22.6 0.0 0.0#

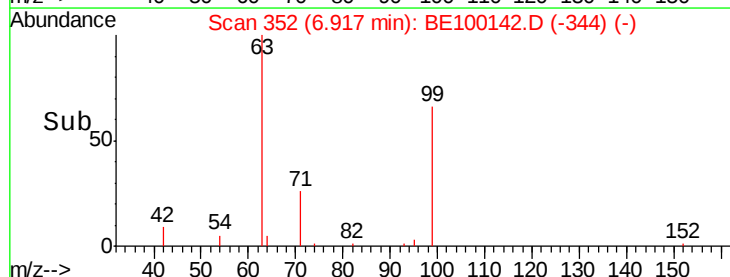
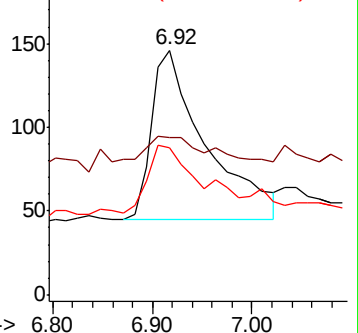
71 48.4 37.6 56.4

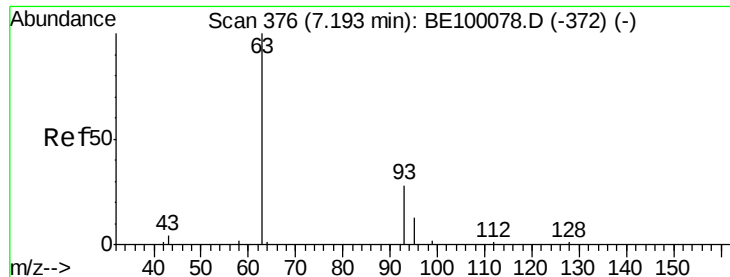


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.046 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.05 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

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PST-084-SW055-061319

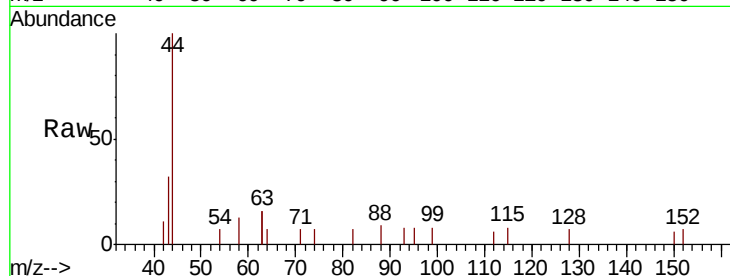
Tgt Ion: 93 Resp: 17

Ion Ratio Lower Upper

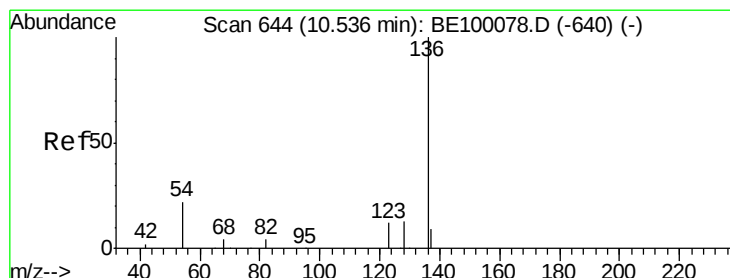
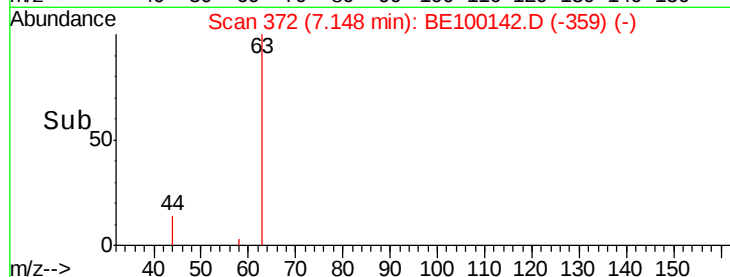
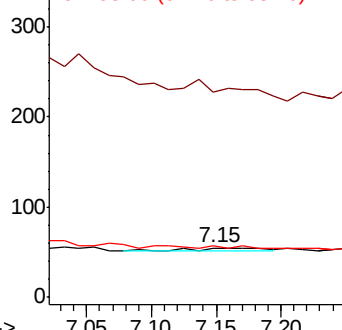
93 100

63 0.0 200.0 300.0#

95 0.0 24.0 36.0#



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: 10.55 min Scan# 645

Delta R.T. 0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Tgt Ion: 136 Resp: 1677

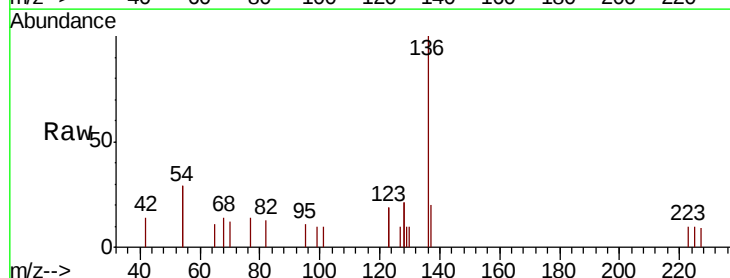
Ion Ratio Lower Upper

136 100

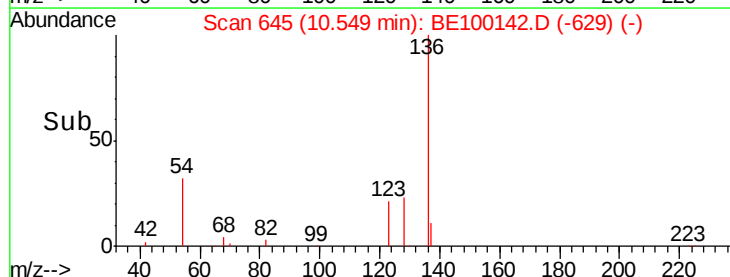
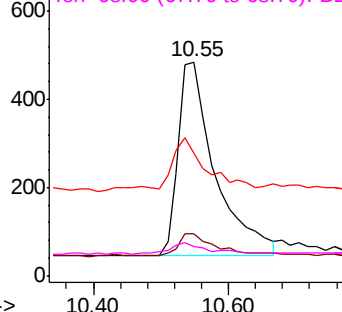
137 19.6 11.6 17.4#

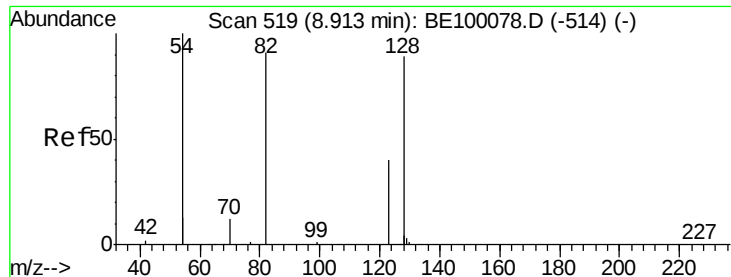
54 57.4 33.9 50.9#

68 13.8 7.8 11.8#



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: 0.239 ng

RT: 8.94 min Scan# 521

Delta R.T. 0.03 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

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PST-084-SW055-061319

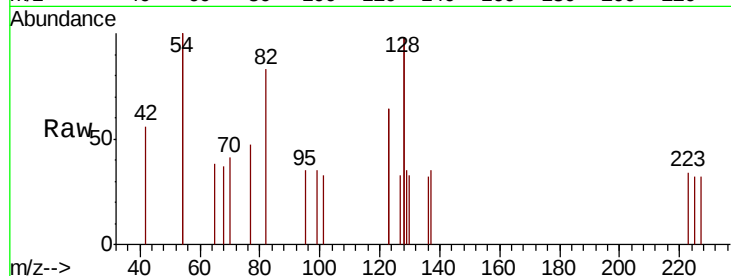
Tgt Ion: 82 Resp: 389

Ion Ratio Lower Upper

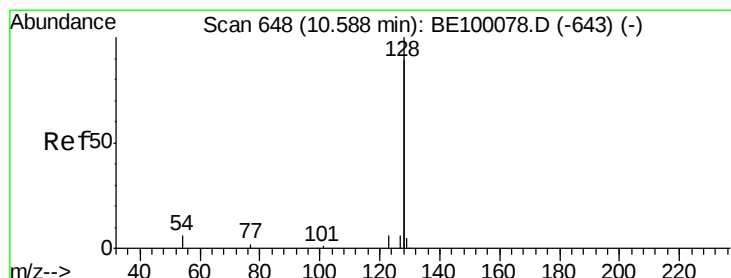
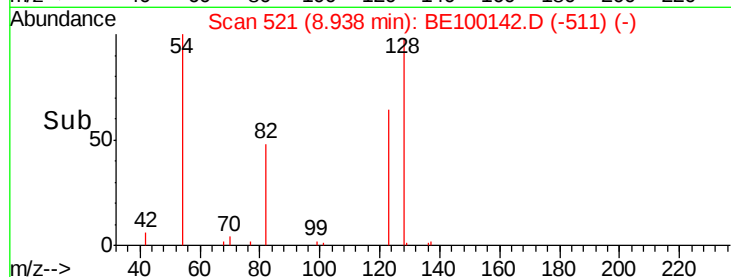
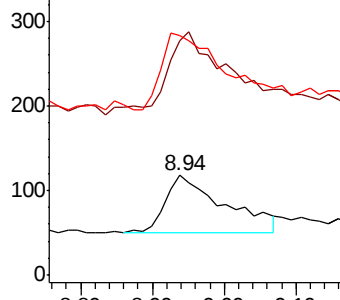
82 100

128 235.6 128.0 192.0#

54 240.7 143.4 215.0#



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: 0.064 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

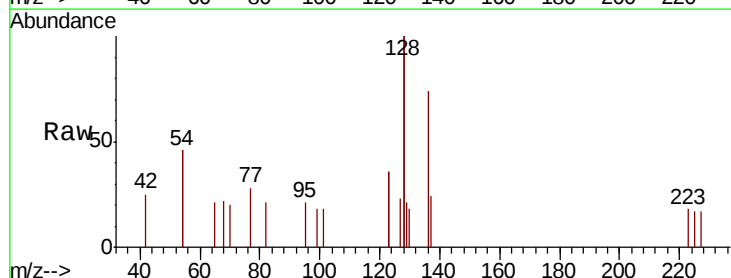
Tgt Ion: 128 Resp: 1174

Ion Ratio Lower Upper

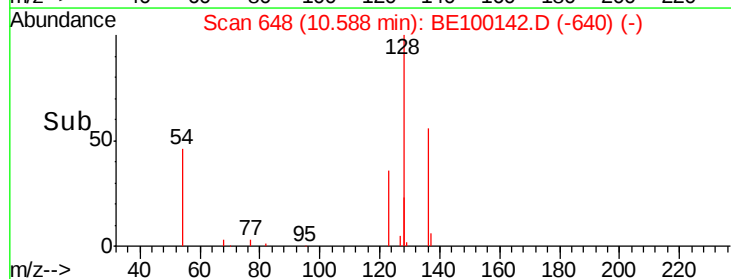
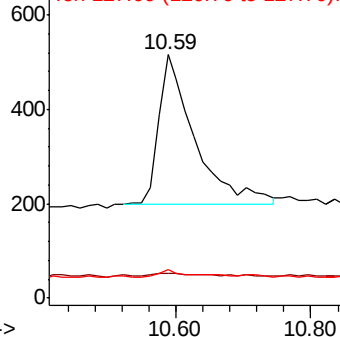
128 100

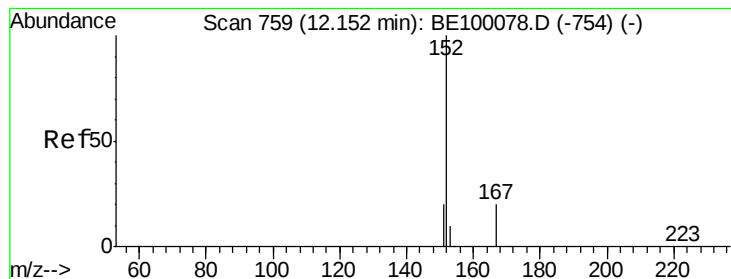
129 10.3 3.1 4.7#

127 11.6 3.4 5.2#



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





#11

2-Methylnaphthalene-d10

Concen: 0.019 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

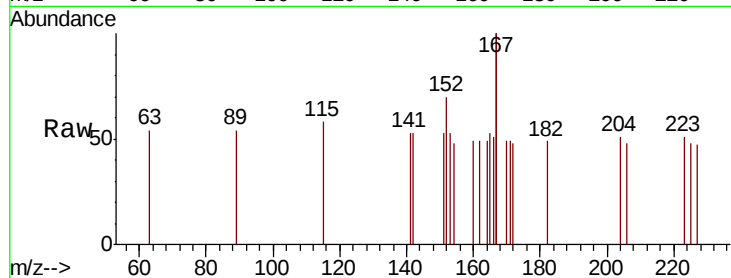
PST-084-SW055-061319

Tgt Ion:152 Resp: 61

Ion Ratio Lower Upper

152 100

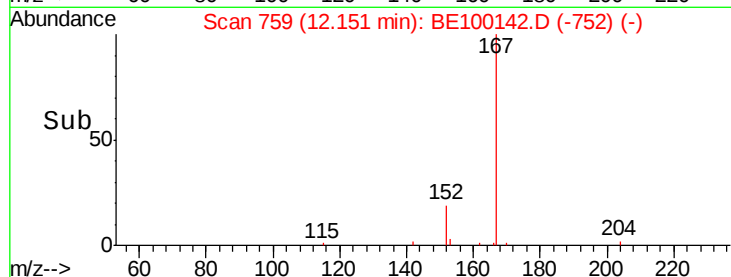
151 18.0 16.3 24.5



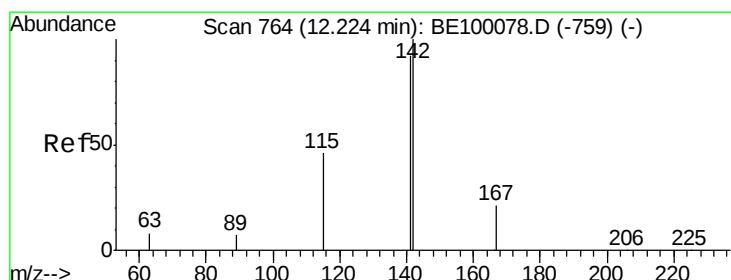
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.15



Time-->



#12

2-Methylnaphthalene

Concen: 0.067 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

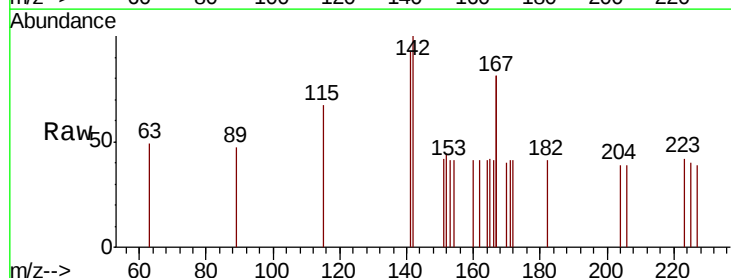
Tgt Ion:142 Resp: 202

Ion Ratio Lower Upper

142 100

141 92.8 74.1 111.1

115 66.7 40.9 61.3#



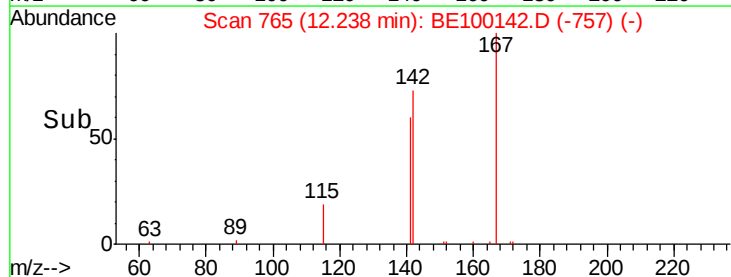
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 150.00 (149.70 to 150.70): E

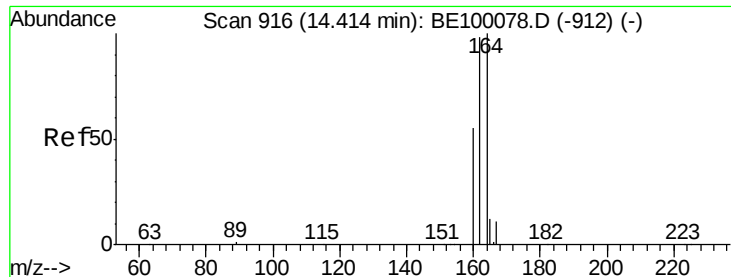
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.24



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

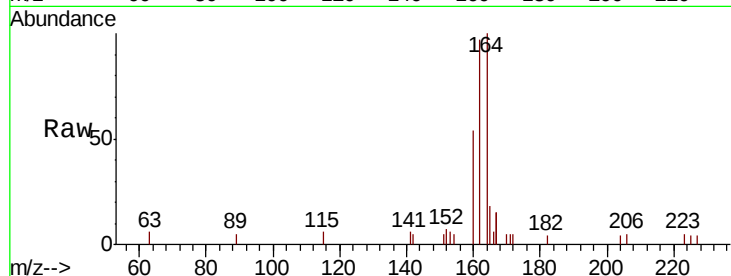
Tgt Ion:164 Resp: 1730

Ion Ratio Lower Upper

164 100

162 96.6 78.2 117.2

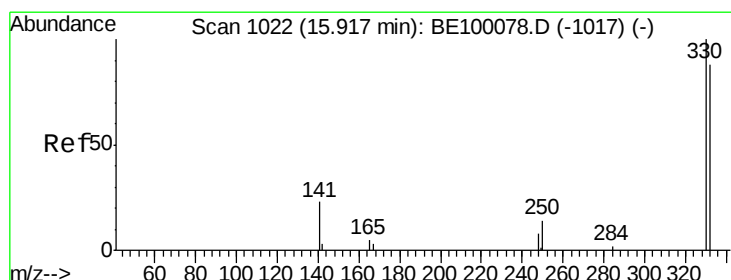
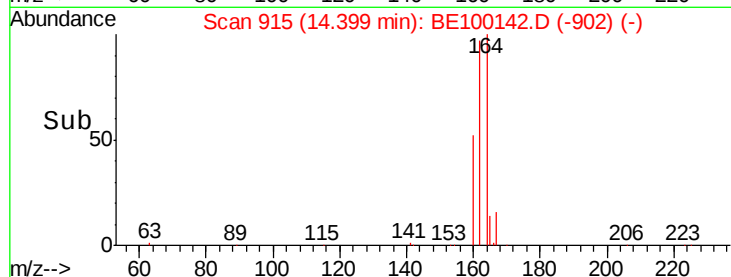
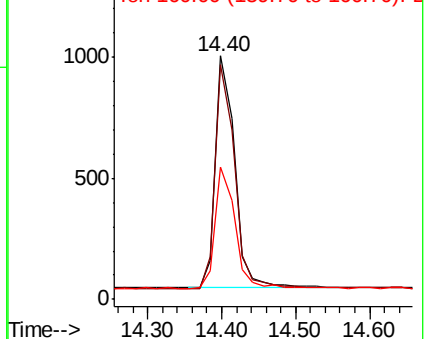
160 54.2 45.6 68.4



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: 0.266 ng

RT: 15.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

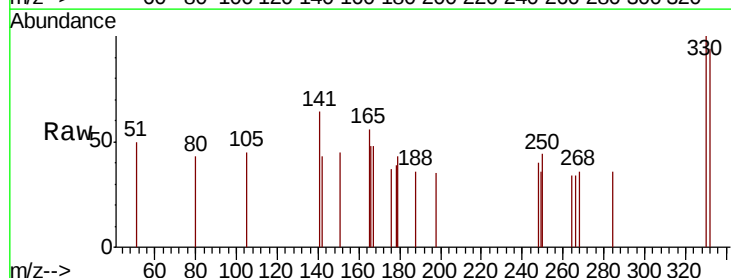
Tgt Ion:330 Resp: 254

Ion Ratio Lower Upper

330 100

332 95.3 73.3 109.9

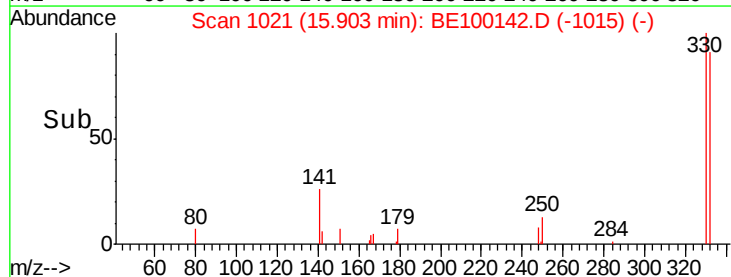
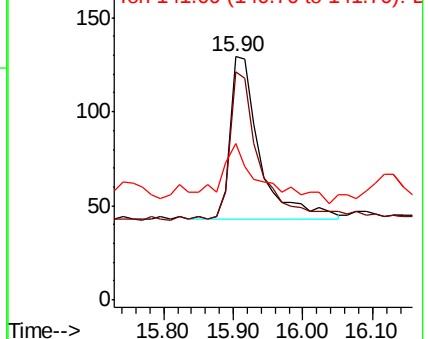
141 50.0 22.2 33.2#

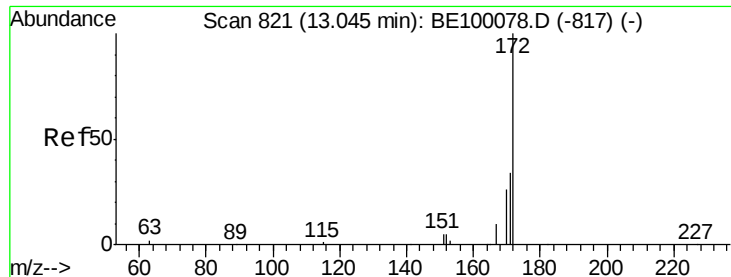


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

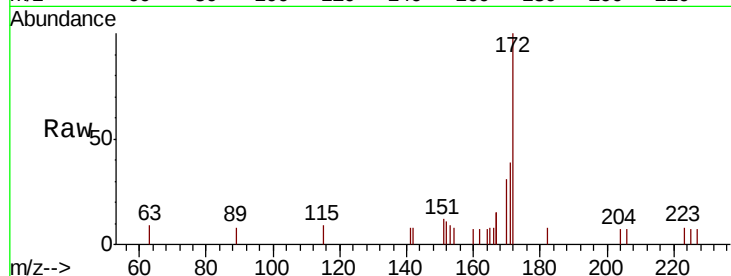




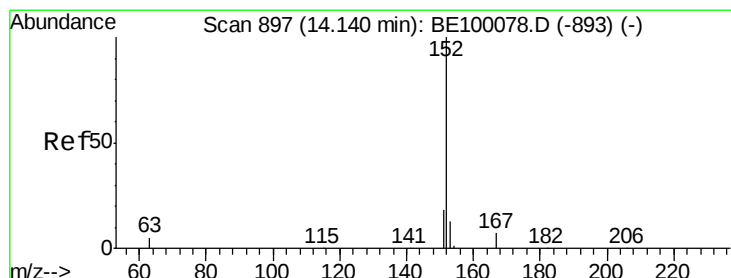
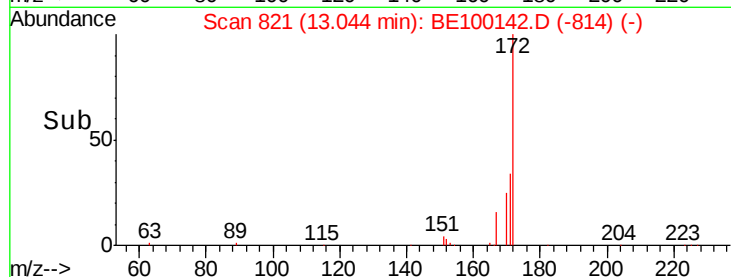
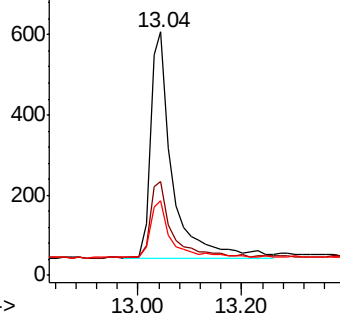
#15
2-Fluorobiphenyl
Concen: 0.243 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100142.D
Acq: 21 Jun 2019 18:42

Instrument :
BNA_E
ClientSampleId :
PST-084-SW055-061319

Tgt Ion:172 Resp: 1653
Ion Ratio Lower Upper
172 100
171 38.7 29.8 44.8
170 30.6 23.2 34.8

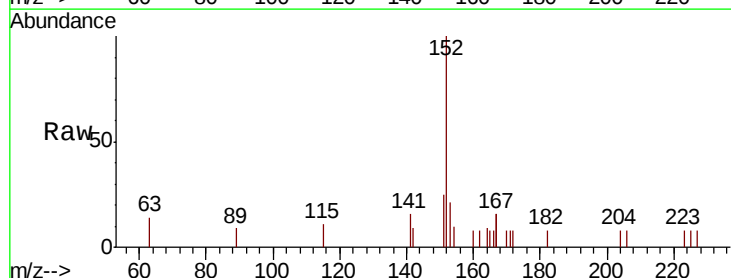


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

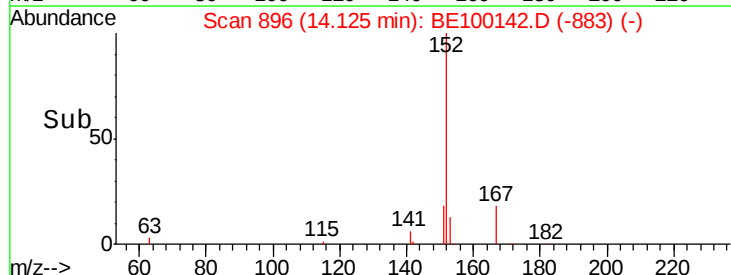
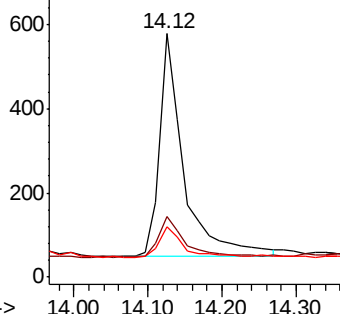


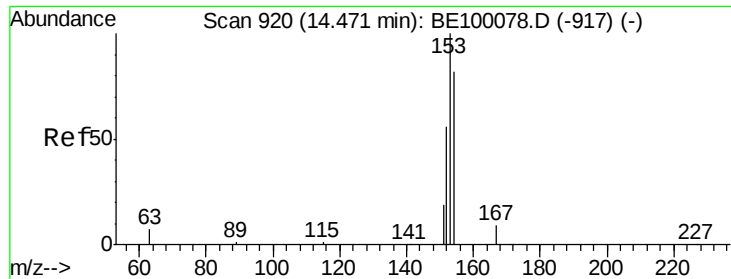
#16
Acenaphthylene
Concen: 0.147 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.02 min
Lab File: BE100142.D
Acq: 21 Jun 2019 18:42

Tgt Ion:152 Resp: 1206
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.8 10.1 15.1



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

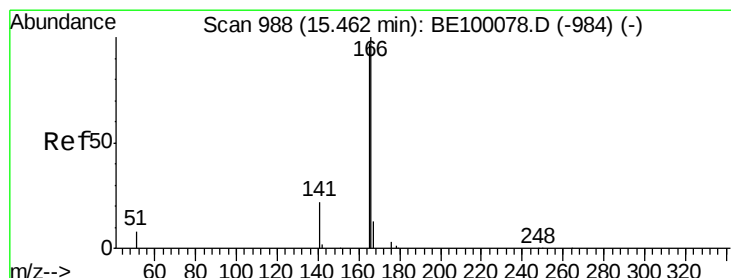
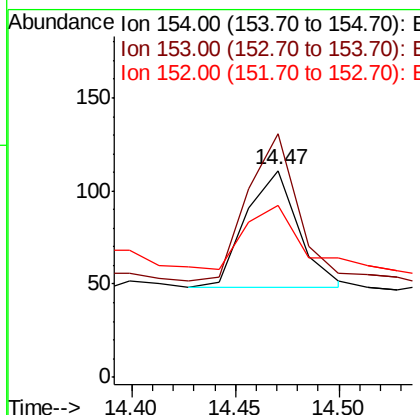
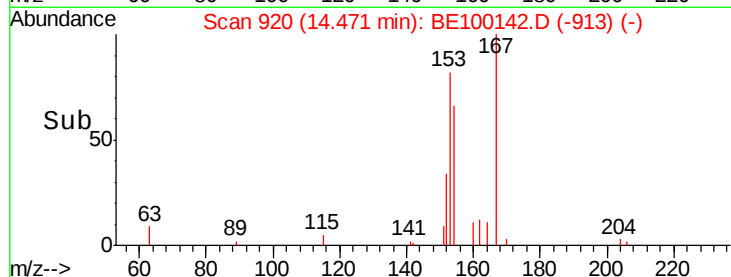
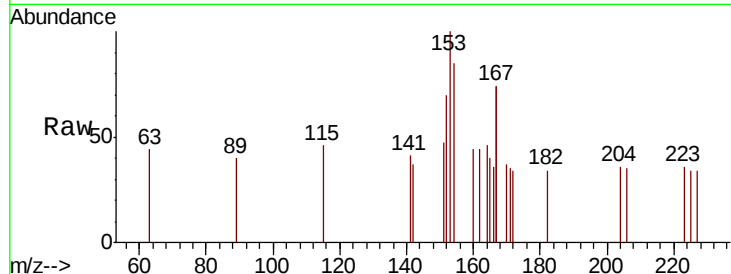




#17
Acenaphthene
Concen: 0.024 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100142.D
Acq: 21 Jun 2019 18:42

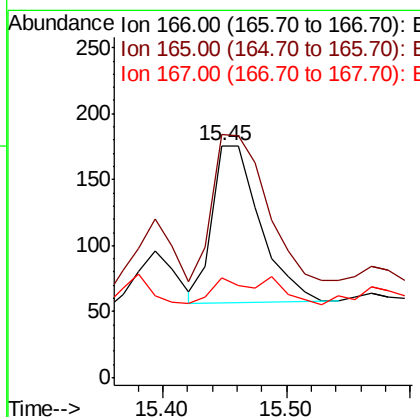
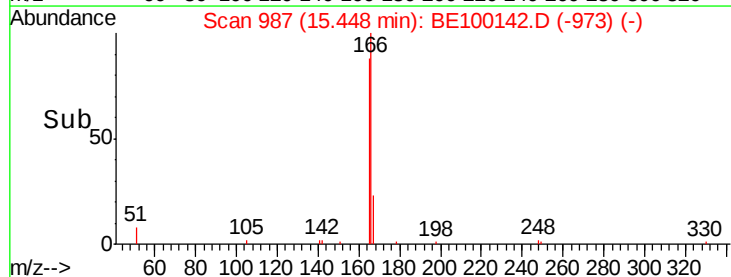
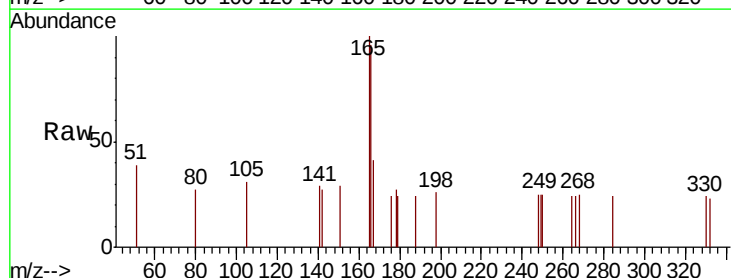
Instrument :
BNA_E
ClientSampleId :
PST-084-SW055-061319

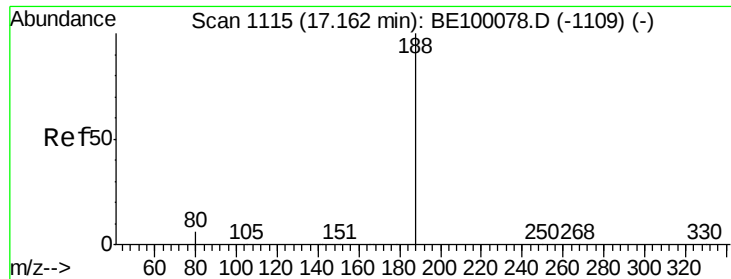
Tgt Ion:154 Resp: 112
Ion Ratio Lower Upper
154 100
153 117.0 95.5 143.3
152 47.3 54.9 82.3#



#18
Fluorene
Concen: 0.047 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100142.D
Acq: 21 Jun 2019 18:42

Tgt Ion:166 Resp: 321
Ion Ratio Lower Upper
166 100
165 111.2 79.8 119.8
167 0.0 10.2 15.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

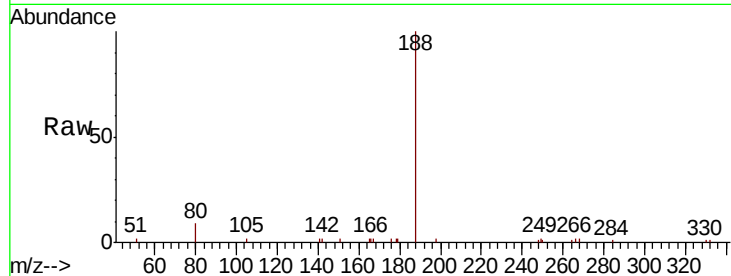
Tgt Ion:188 Resp: 6088

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 6.3 9.5



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

17.15

3000

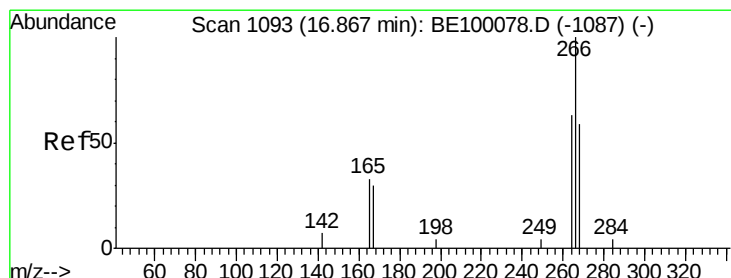
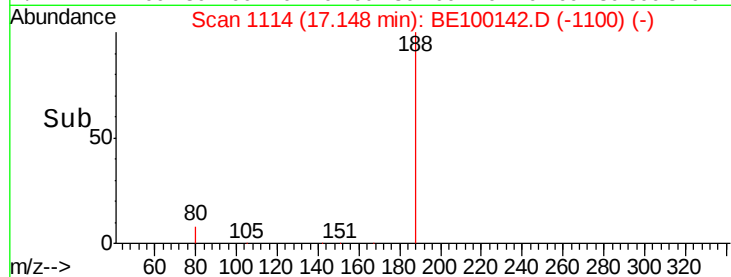
2000

1000

0

Time-->

17.00 17.20 17.40



#22

Pentachlorophenol

Concen: 0.372 ng

RT: 16.83 min Scan# 1090

Delta R.T. -0.04 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

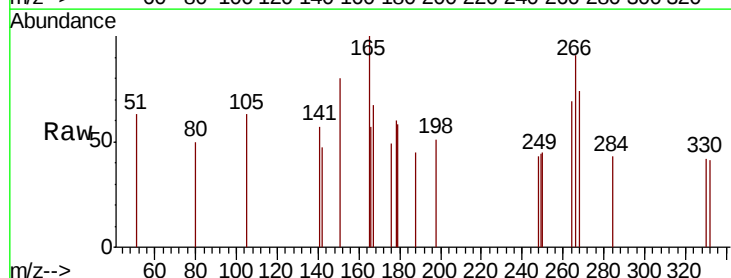
Tgt Ion:266 Resp: 169

Ion Ratio Lower Upper

266 100

264 76.0 67.8 101.6

268 81.3 70.0 105.0



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.83

120

100

80

60

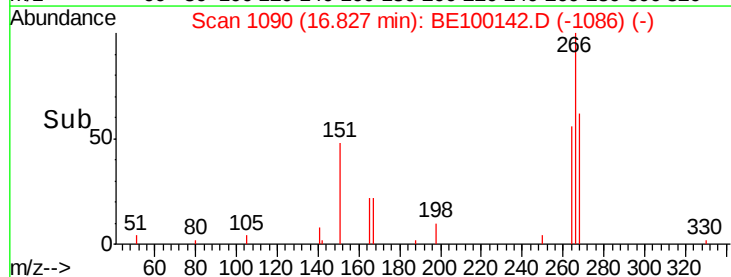
40

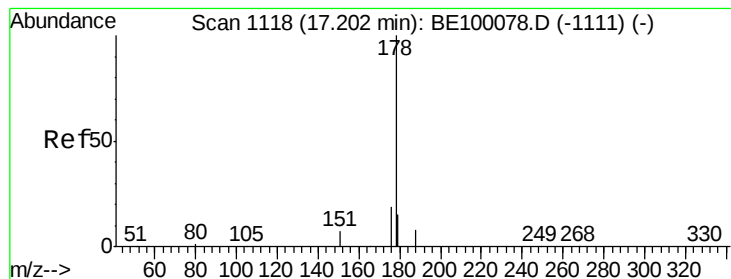
20

0

Time-->

16.70 16.80 16.90 17.00





#23

Phenanthrene

Concen: 0.642 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

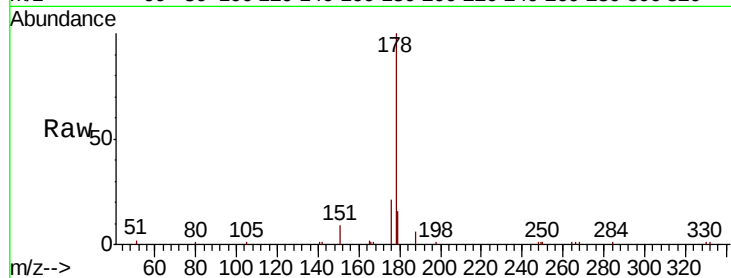
Tgt Ion:178 Resp: 9361

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

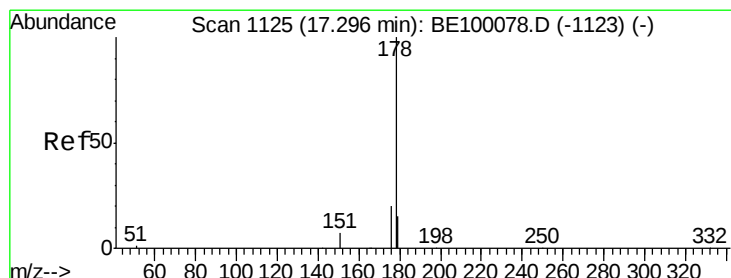
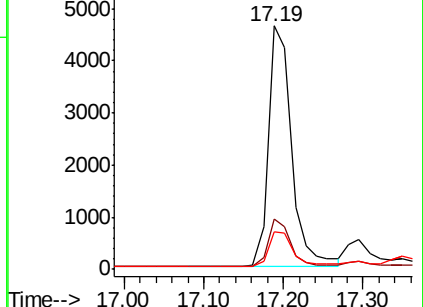
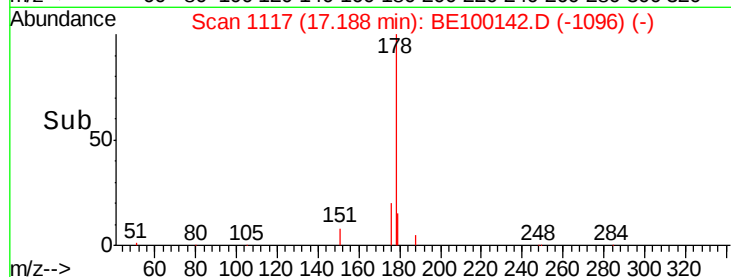
179 15.0 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.079 ng

RT: 17.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

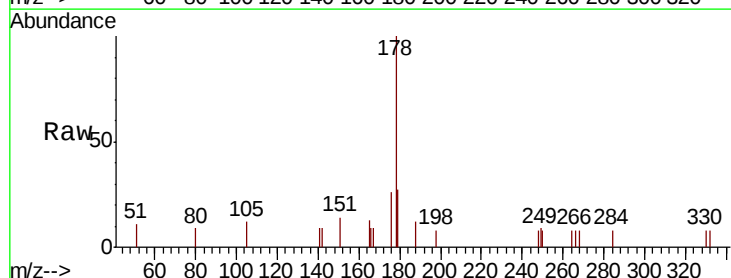
Tgt Ion:178 Resp: 970

Ion Ratio Lower Upper

178 100

176 22.2 15.8 23.6

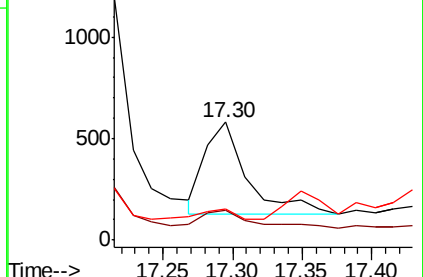
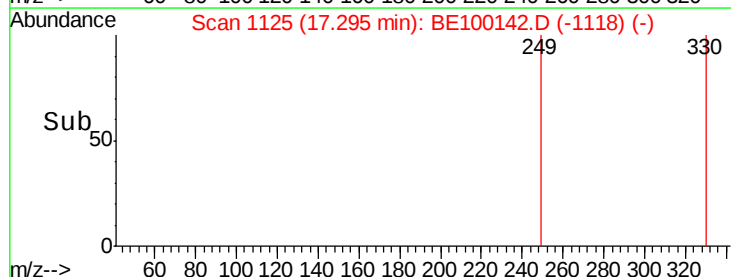
179 10.1 12.0 18.0#

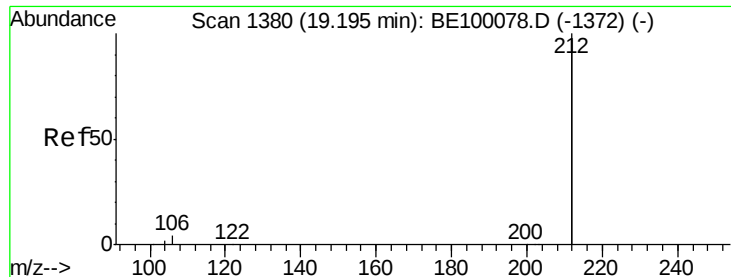


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.018 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

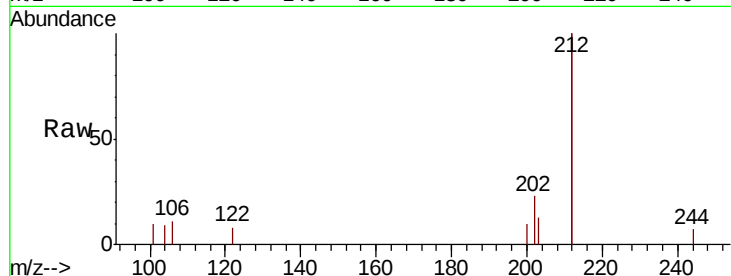
Tgt Ion: 212 Resp: 1571

Ion Ratio Lower Upper

212 100

106 2.5 1.4 2.0#

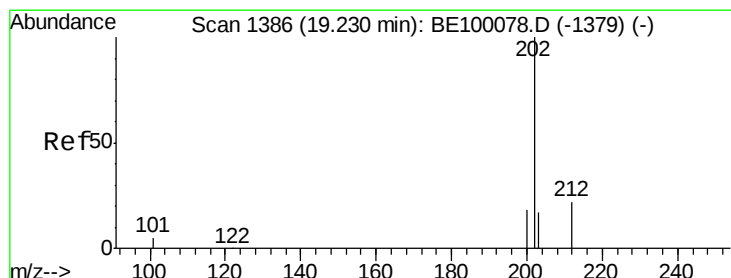
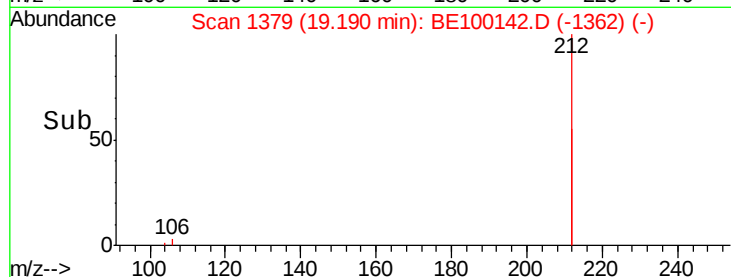
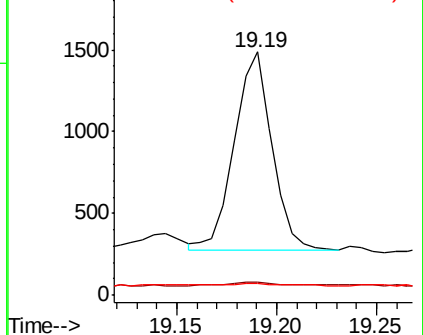
104 1.8 0.8 1.2#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.851 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

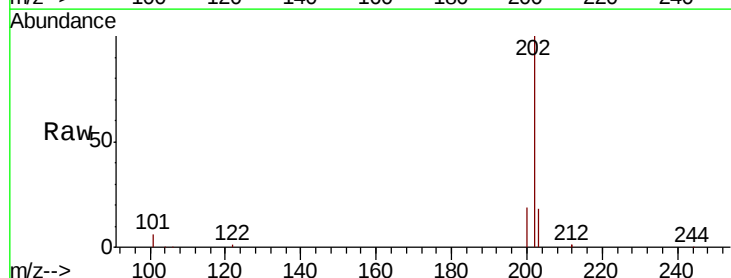
Tgt Ion: 202 Resp: 19918

Ion Ratio Lower Upper

202 100

101 6.4 5.0 7.4

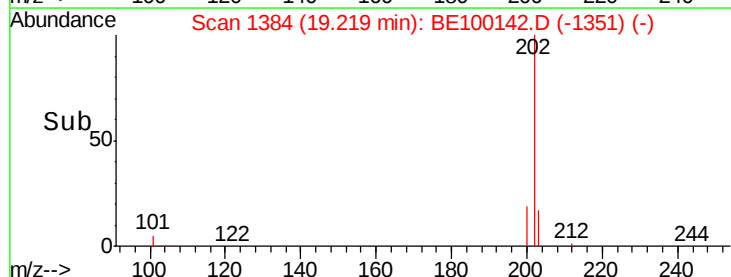
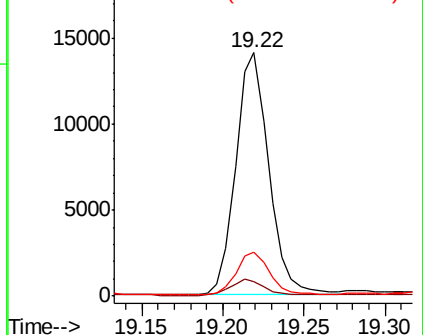
203 17.6 13.7 20.5

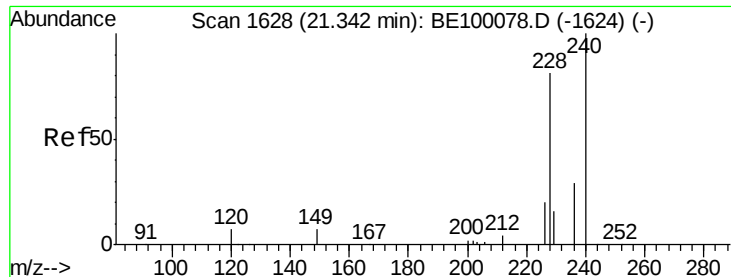


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.34 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

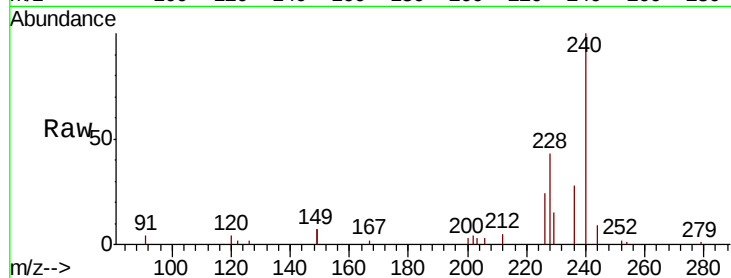
Tgt Ion:240 Resp: 7801

Ion Ratio Lower Upper

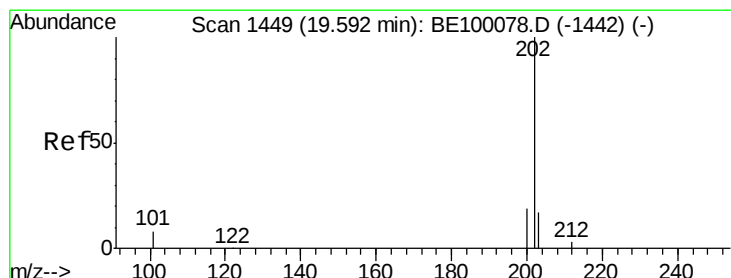
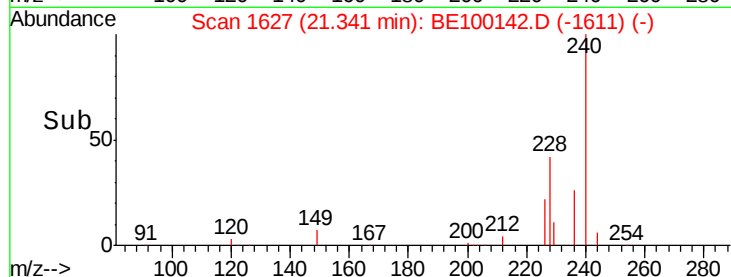
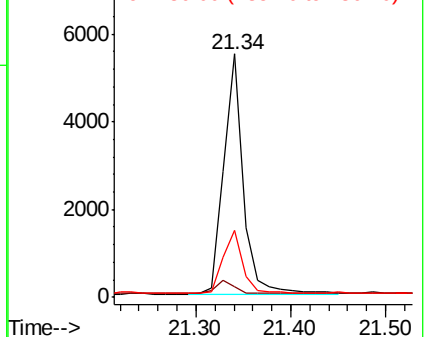
240 100

120 4.2 6.6 10.0#

236 27.5 23.8 35.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.249 ng

RT: 19.58 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

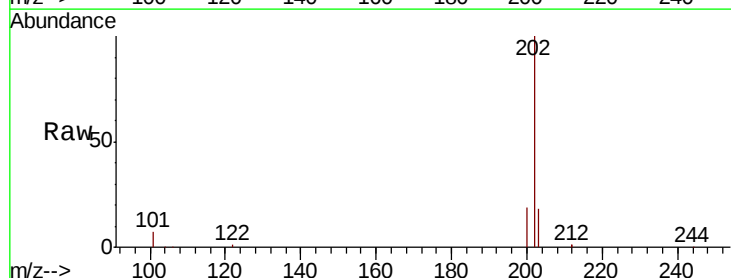
Tgt Ion:202 Resp: 25039

Ion Ratio Lower Upper

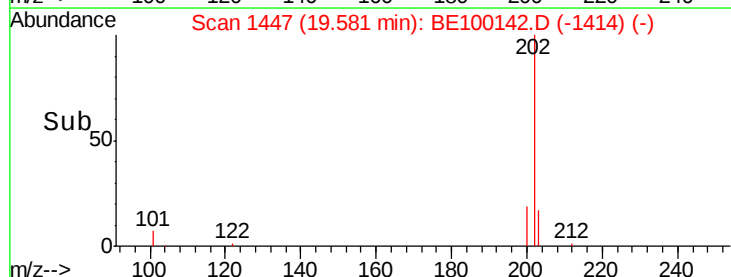
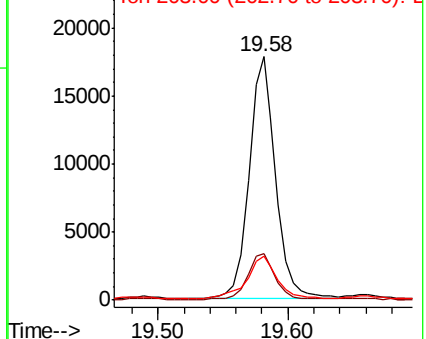
202 100

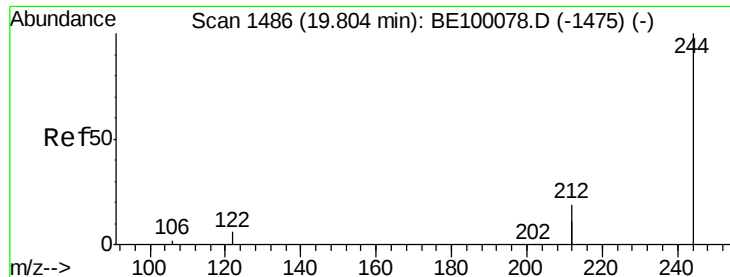
200 19.5 15.6 23.4

203 20.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.263 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

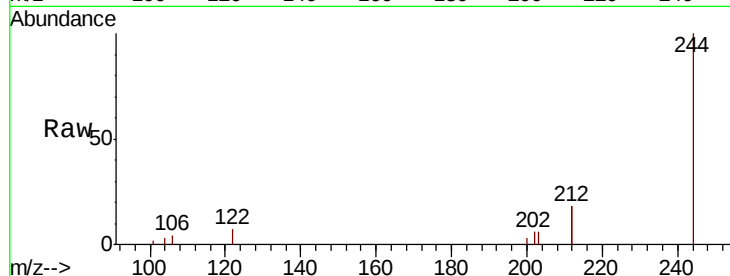
Instrument :

BNA_E

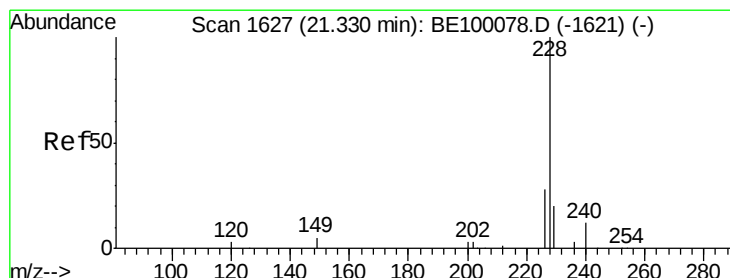
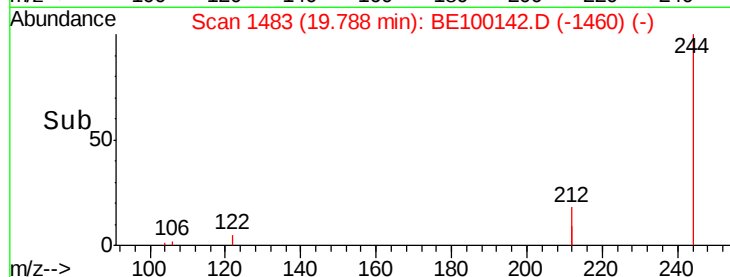
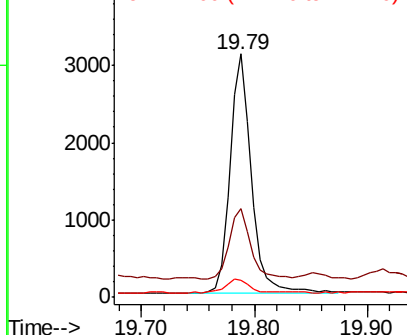
ClientSampleId :

PST-084-SW055-061319

Tgt Ion:	244	Resp:	4106
Ion	Ratio	Lower	Upper
244	100		
212	36.3	29.8	44.8
122	7.0	6.1	9.1



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: 0.575 ng

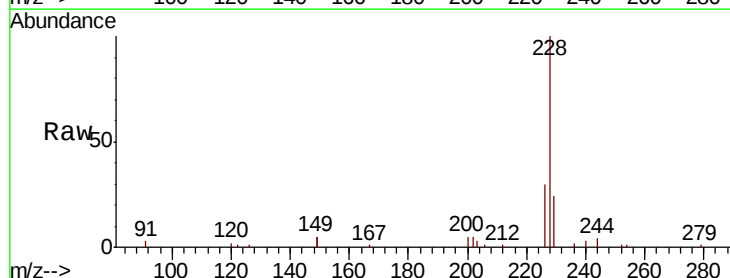
RT: 21.32 min Scan# 1625

Delta R.T. -0.01 min

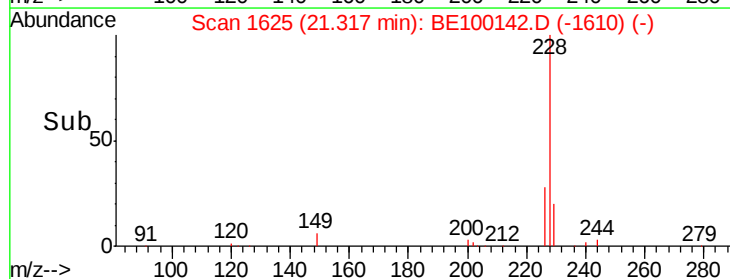
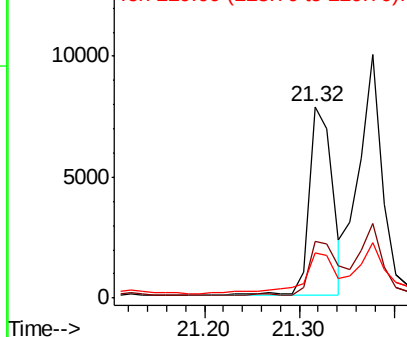
Lab File: BE100142.D

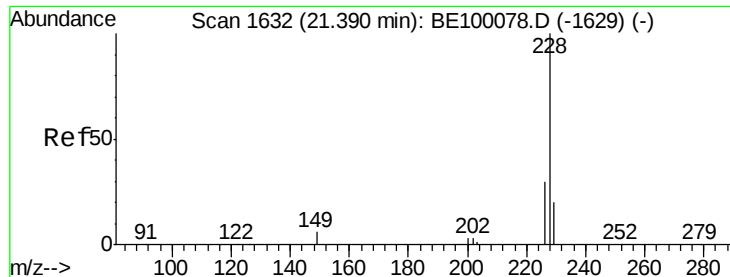
Acq: 21 Jun 2019 18:42

Tgt Ion:	228	Resp:	13351
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.4
229	23.6	16.4	24.6



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





#31

Chrysene

Concen: 0.628 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

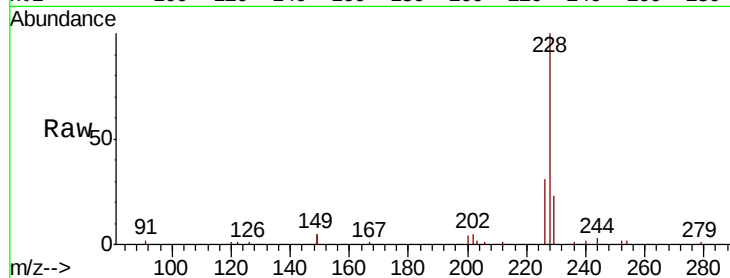
Tgt Ion:228 Resp: 16932

Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.8

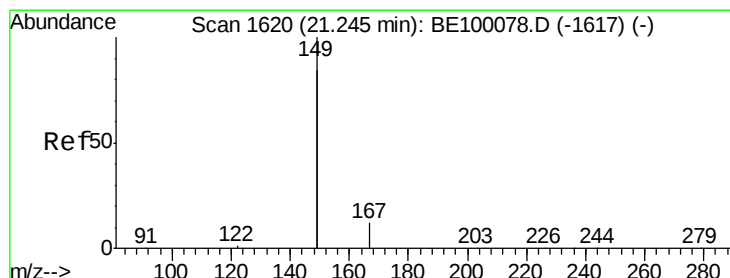
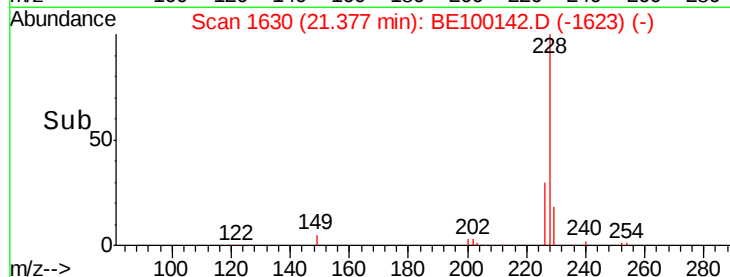
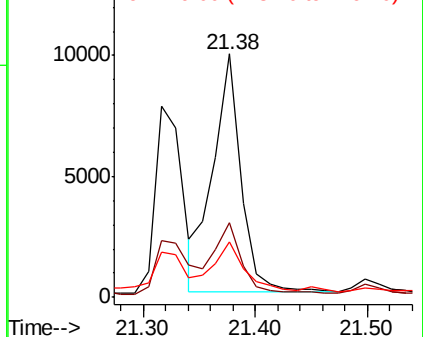
229 22.6 16.3 24.5



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: 0.175 ng

RT: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

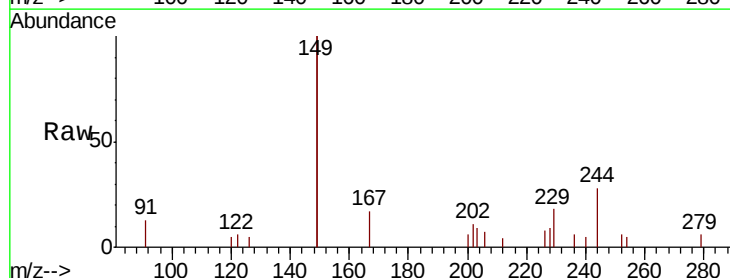
Tgt Ion:149 Resp: 3839

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

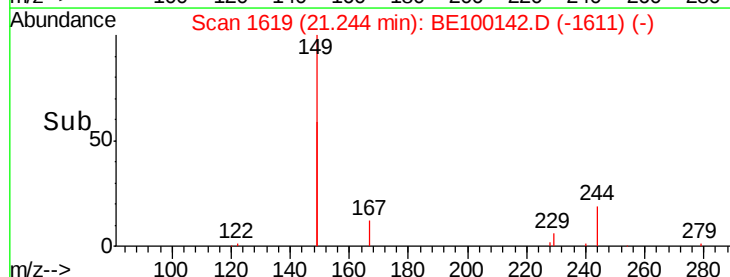
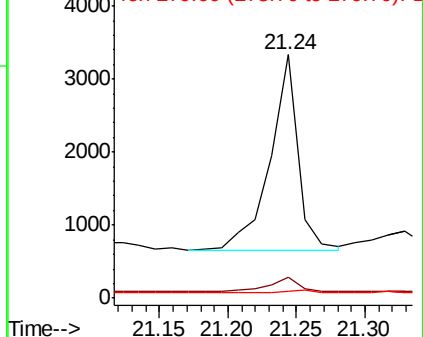
279 1.7 1.1 1.7#

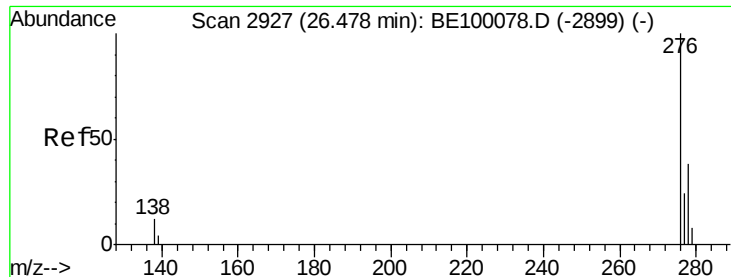


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.272 ng

RT: 26.46 min Scan# 2920

Delta R.T. -0.02 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

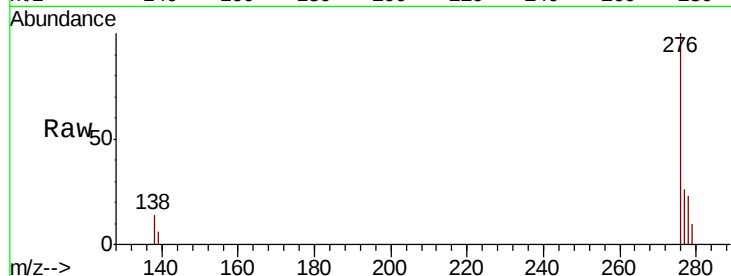
Tgt Ion: 276 Resp: 8255

Ion Ratio Lower Upper

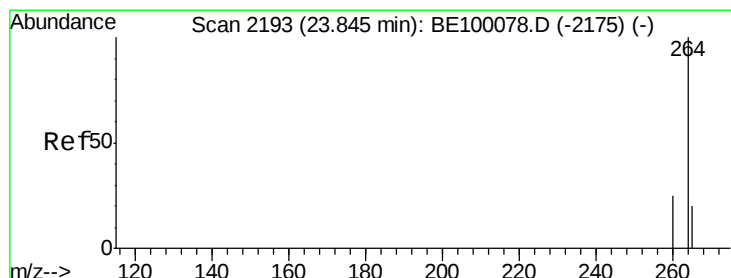
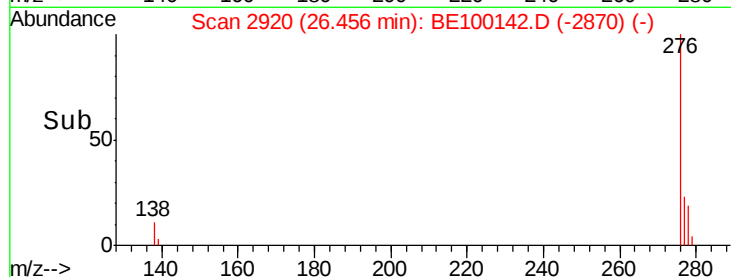
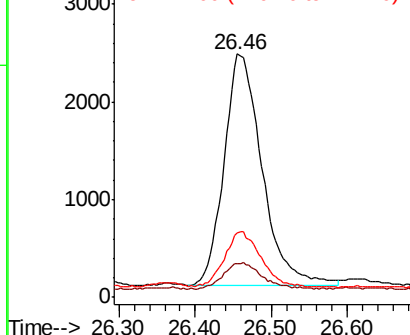
276 100

138 11.3 4.3 6.5#

277 22.7 19.4 29.0



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: 23.83 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

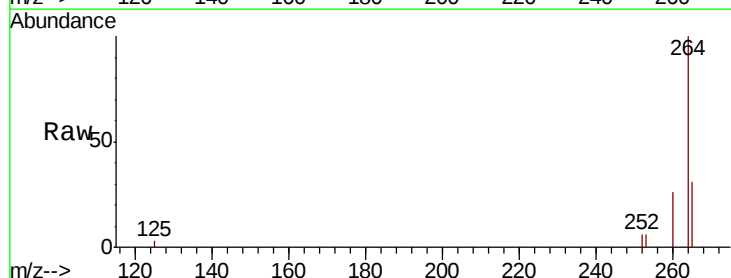
Tgt Ion: 264 Resp: 8804

Ion Ratio Lower Upper

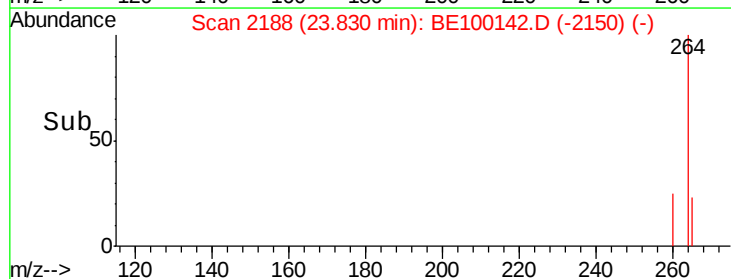
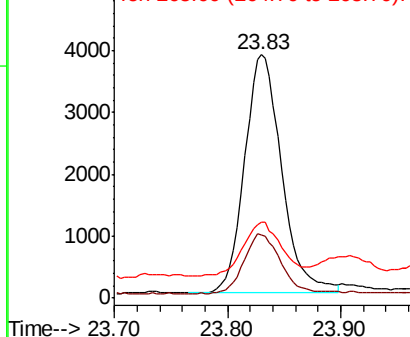
264 100

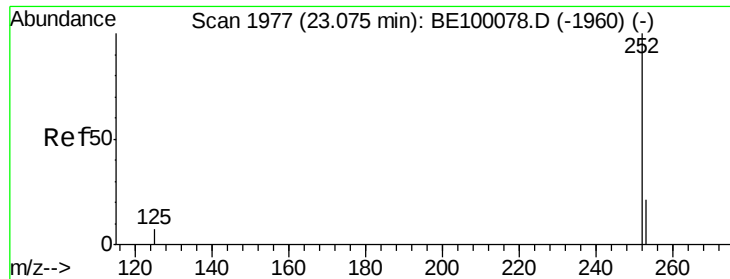
260 26.1 20.8 31.2

265 31.0 23.2 34.8



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

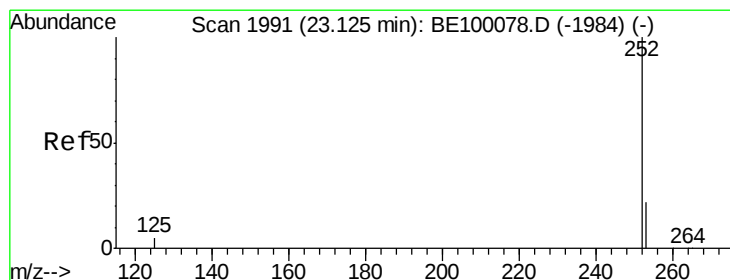
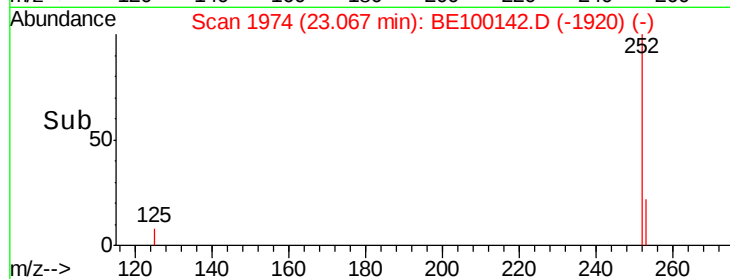
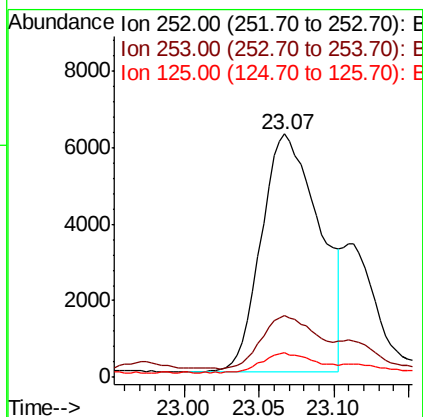
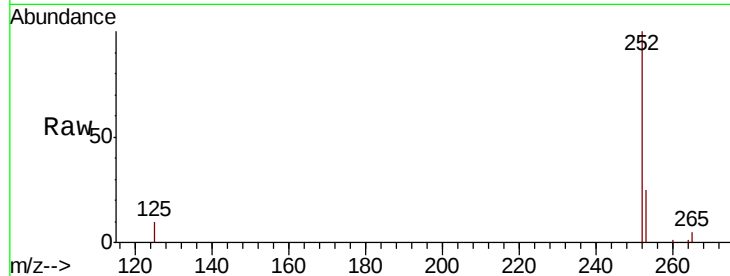




#35
Benzo(b)fluoranthene
Concen: 0.650 ng
RT: 23.07 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BE100142.D
Acq: 21 Jun 2019 18:42

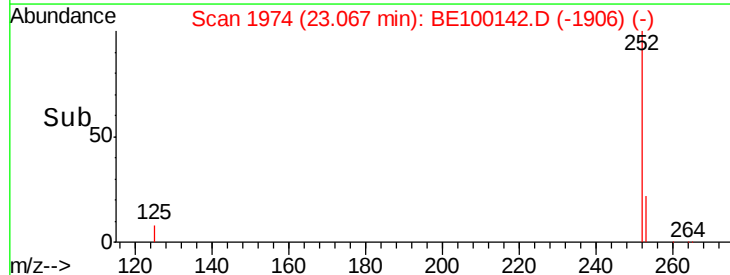
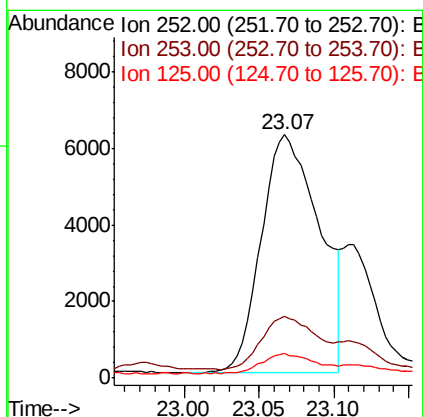
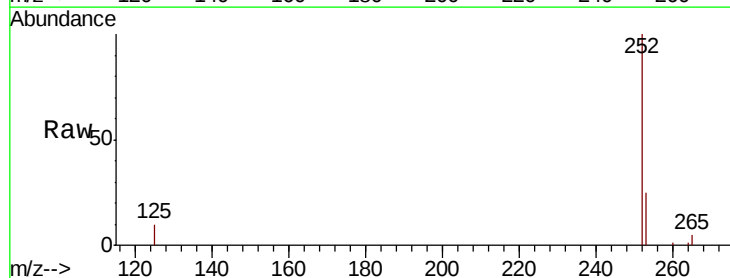
Instrument :
BNA_E
ClientSampleId :
PST-084-SW055-061319

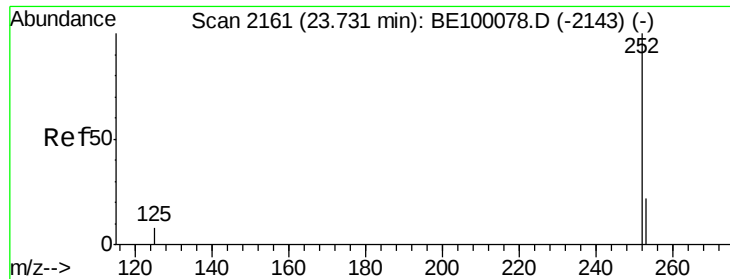
Tgt Ion:252 Resp: 16801
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 10.2 6.4 9.6#



#36
Benzo(k)fluoranthene
Concen: 0.572 ng
RT: 23.07 min Scan# 1974
Delta R.T. -0.06 min
Lab File: BE100142.D
Acq: 21 Jun 2019 18:42

Tgt Ion:252 Resp: 16801
Ion Ratio Lower Upper
252 100
253 25.3 18.9 28.3
125 10.2 5.3 7.9#





#37

Benzo(a)pyrene

Concen: 0.479 ng

RT: 23.72 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319

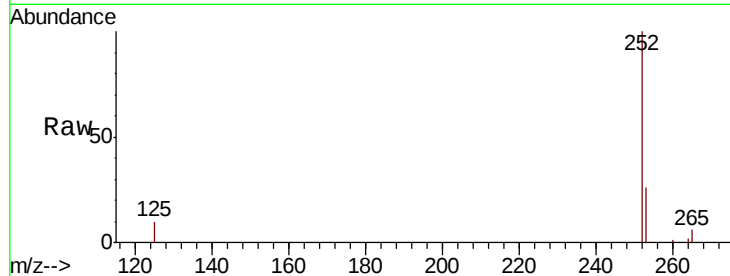
Tgt Ion: 252 Resp: 11939

Ion Ratio Lower Upper

252 100

253 25.7 19.4 29.2

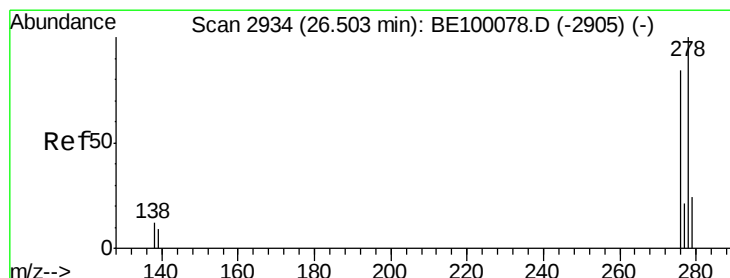
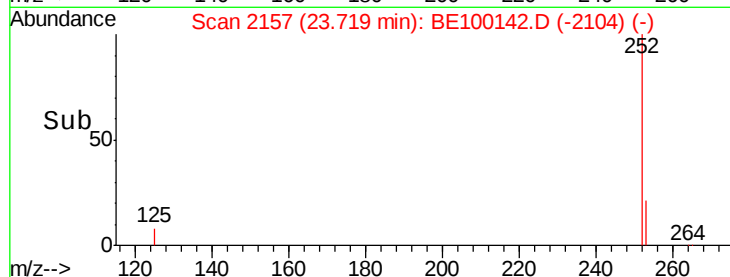
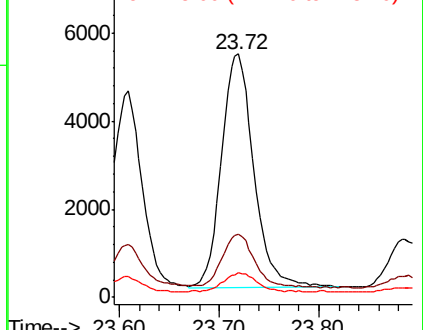
125 10.1 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.090 ng

RT: 26.49 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BE100142.D

Acq: 21 Jun 2019 18:42

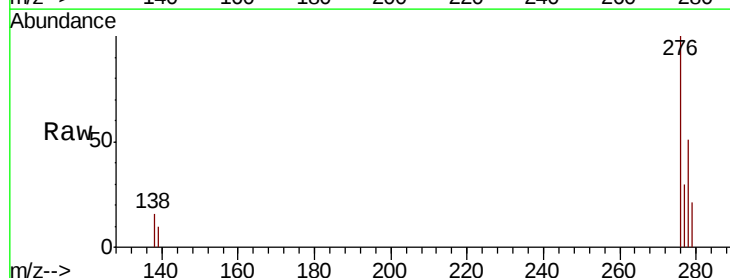
Tgt Ion: 278 Resp: 2311

Ion Ratio Lower Upper

278 100

139 19.7 9.0 13.6#

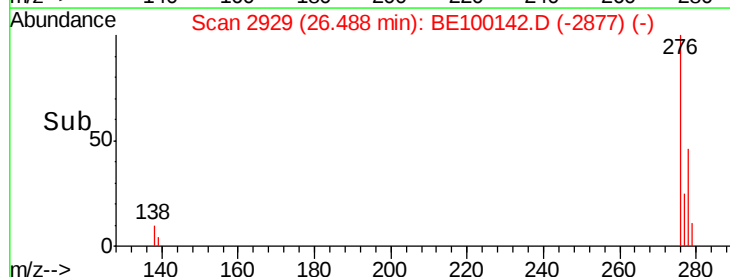
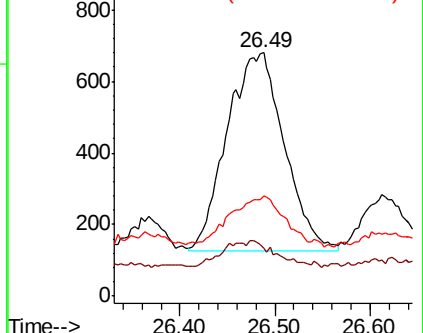
279 41.2 21.4 32.0#

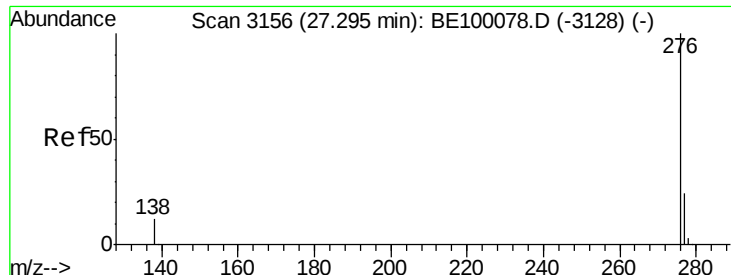


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.349 ng

RT: 27.27 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BE100142.D

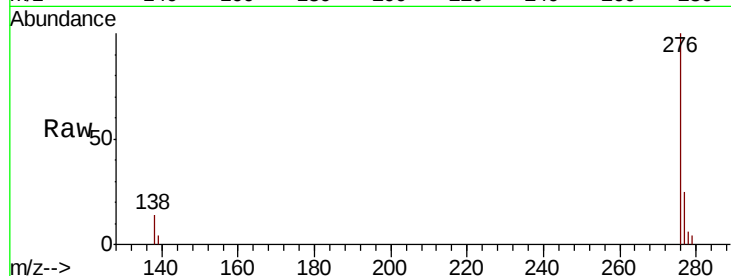
Acq: 21 Jun 2019 18:42

Instrument :

BNA_E

ClientSampleId :

PST-084-SW055-061319



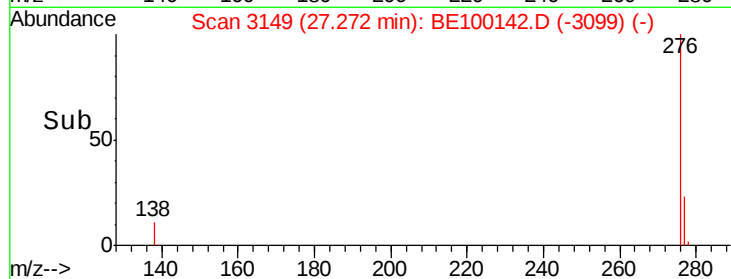
Tgt Ion: 276 Resp: 9271

Ion Ratio Lower Upper

276 100

277 25.4 20.3 30.5

138 13.6 11.3 16.9



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

