

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100354.D
 Acq On : 4 Jul 2019 7:22
 Operator : JU/SJ
 Sample : K3561-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-015-B228-062519

Quant Time: Jul 05 01:13:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	668	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2179	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1814	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5671	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7719	0.40	ng	0.00
34) Perylene-d12	23.66	264	9071	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	656	0.39	ng	0.00
5) Phenol-d6	6.83	99	894	0.40	ng	0.00
8) Nitrobenzene-d5	8.81	82	815	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1614	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	496	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2566	0.36	ng	-0.01
25) Fluoranthene-d10	19.09	212	26692	0.32	ng	0.00
29) Terphenyl-d14	19.69	244	5750	0.36	ng	-0.01

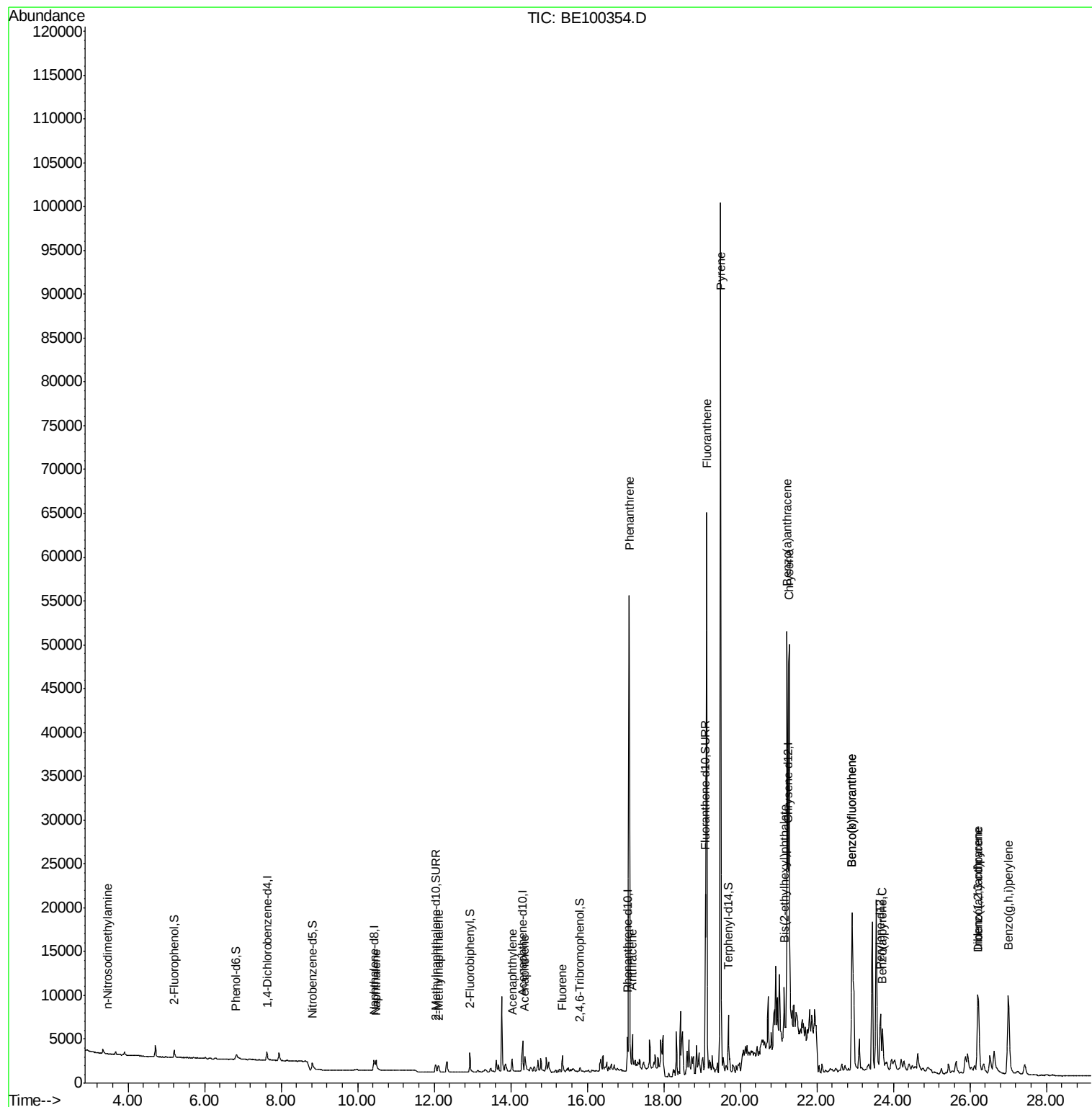
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.47	42	13	0.027	ng	# 1
9) Naphthalene	10.48	128	2499	0.104	ng	# 93
12) 2-Methylnaphthalene	12.11	142	727	0.172	ng	# 91
16) Acenaphthylene	14.04	152	1824	0.210	ng	# 94
17) Acenaphthene	14.37	154	820	0.166	ng	# 89
18) Fluorene	15.35	166	1640	0.225	ng	# 92
23) Phenanthrene	17.09	178	57621	4.192	ng	# 99
24) Anthracene	17.19	178	4473	0.361	ng	# 94
26) Fluoranthene	19.12	202	58799	2.686	ng	# 98
28) Pylene	19.48	202	97542	4.773	ng	# 96
30) Benzo(a)anthracene	21.22	228	42174	1.662	ng	# 97
31) Chrysene	21.28	228	50572	1.984	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.15	149	5070	0.084	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.21	276	18924	0.561	ng	# 96
35) Benzo(b)fluoranthene	22.92	252	37171	1.511	ng	# 98
36) Benzo(k)fluoranthene	22.92	252	37171	1.354	ng	# 98
37) Benzo(a)pyrene	23.72	252	5090	0.207	ng	# 93
38) Dibenzo(a,h)anthracene	26.23	278	5433	0.211	ng	# 83
39) Benzo(g,h,i)perylene	27.01	276	24112	0.912	ng	# 99

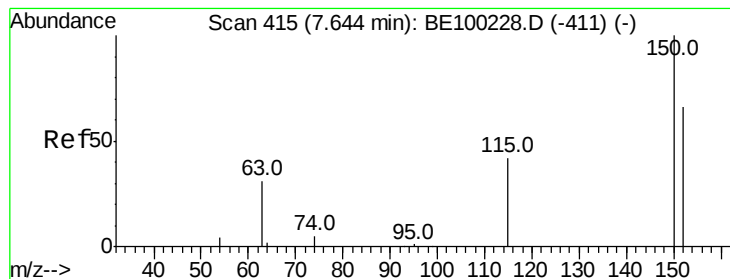
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 414

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

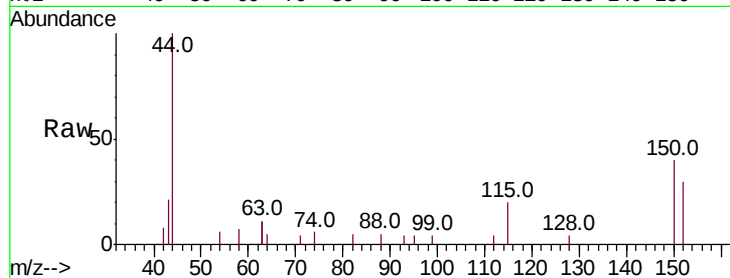
Tot Ion:152 Resp: 668

Ion Ratio Lower Upper

152 100

150 136.5 114.5 171.7

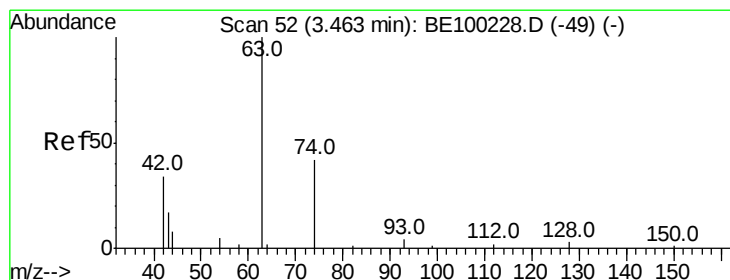
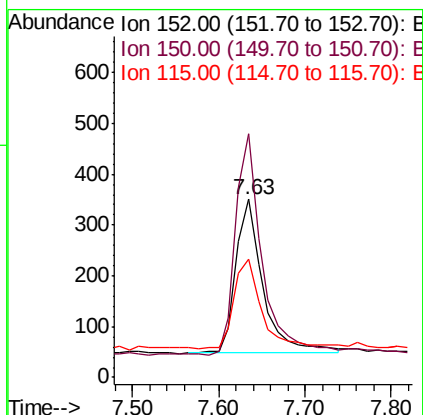
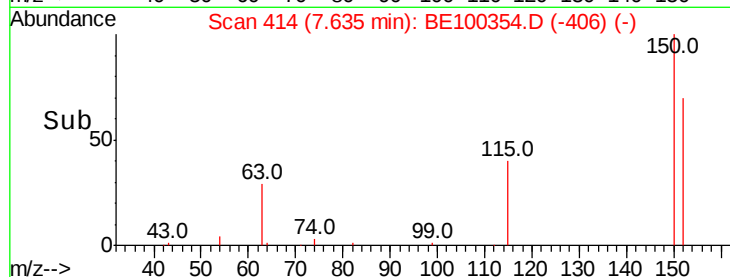
115 66.1 57.1 85.7



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



#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.47 min Scan# 52

Delta R.T. 0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

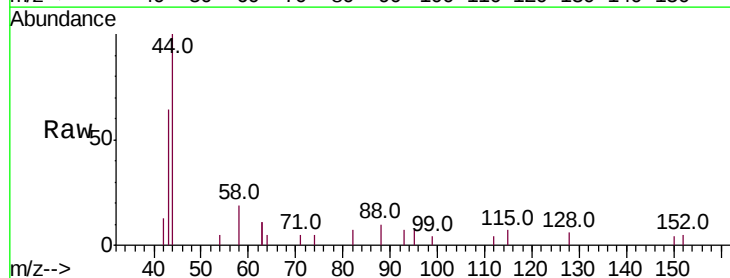
Tgt Ion: 42 Resp: 13

Ion Ratio Lower Upper

42 100

74 30.8 130.6 196.0#

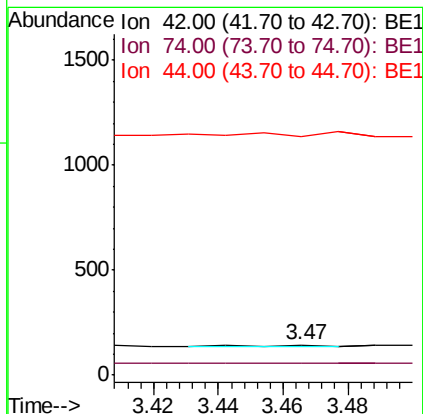
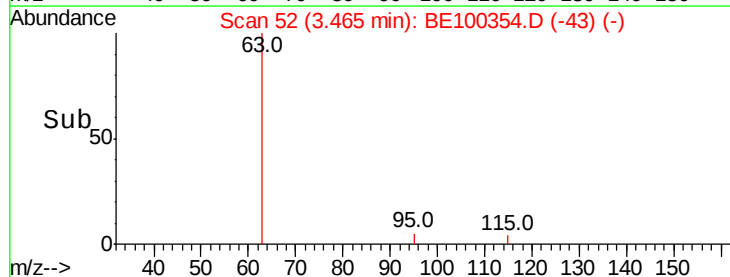
44 553.8 38.0 57.0#

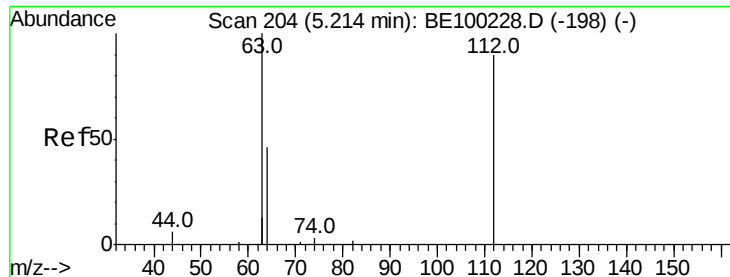


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.385 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

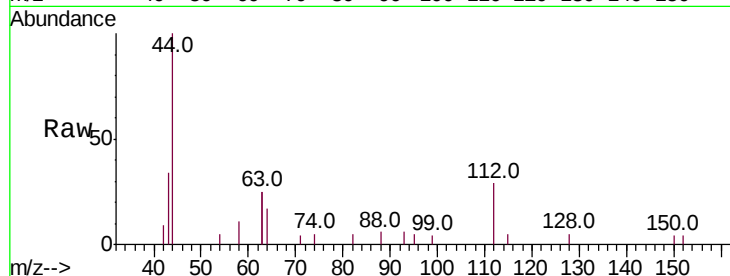
Tot Ion: 112 Resp: 656

Ion Ratio Lower Upper

112 100

64 55.8 39.4 59.0

63 135.8 104.5 156.7



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

800

600

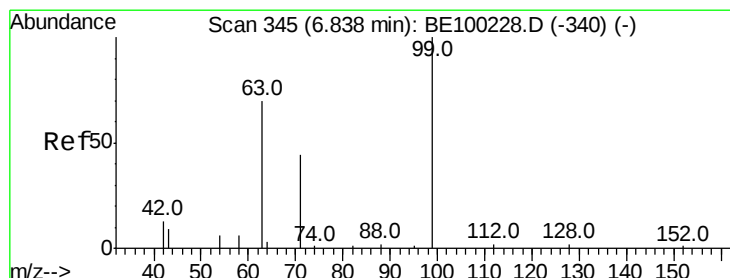
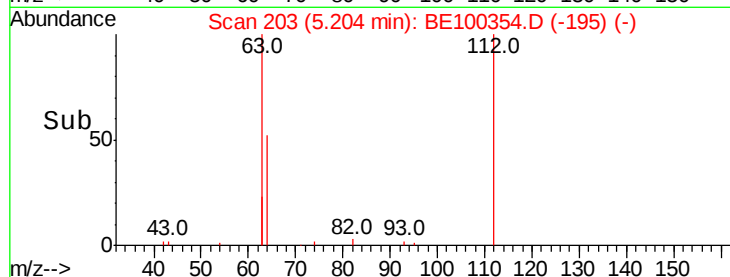
400

200

0

5.10 5.20 5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.399 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

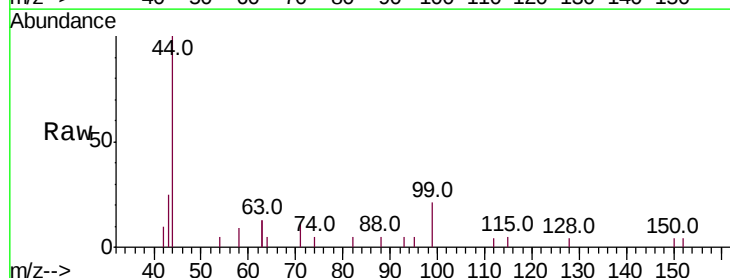
Tgt Ion: 99 Resp: 894

Ion Ratio Lower Upper

99 100

42 17.3 11.2 16.8#

71 43.6 37.2 55.8



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

300

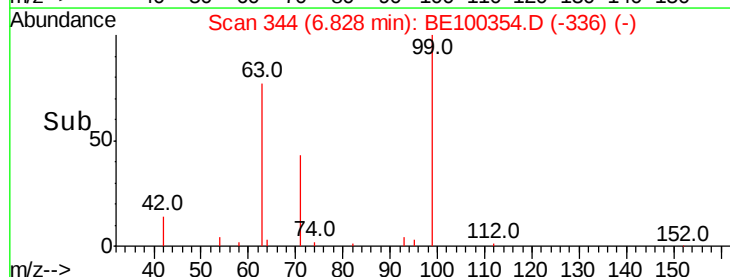
200

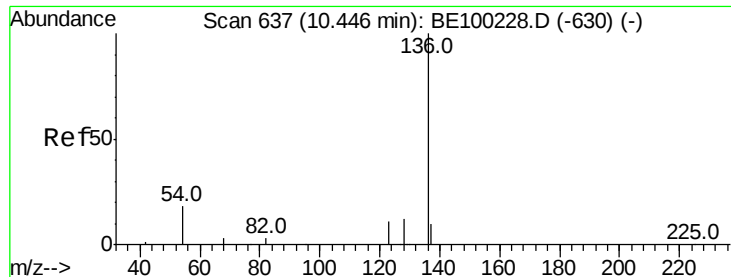
100

0

6.60 6.80 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

Tot Ion:136 Resp: 2179

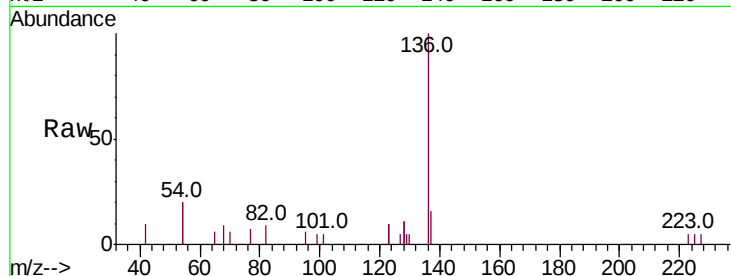
Ion Ratio Lower Upper

136 100

137 15.6 11.8 17.8

54 39.0 27.7 41.5

68 9.3 6.8 10.2

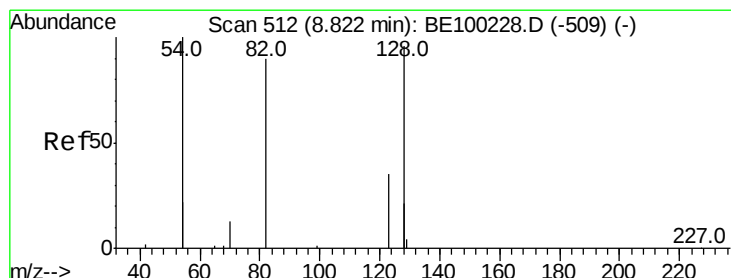
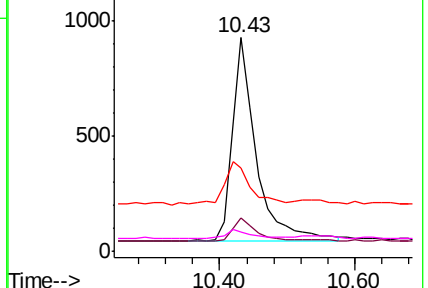
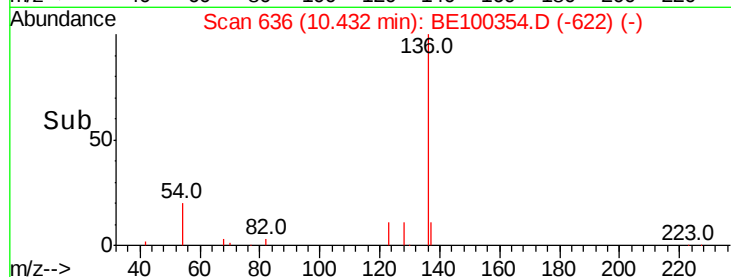


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

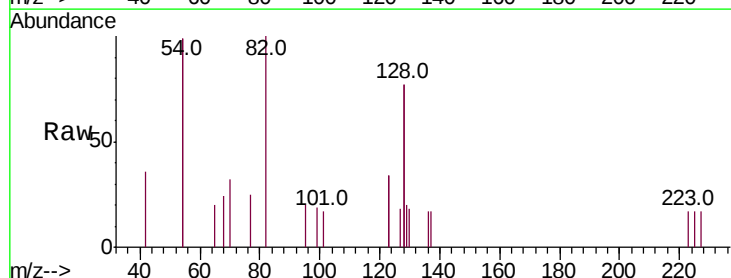
Tgt Ion: 82 Resp: 815

Ion Ratio Lower Upper

82 100

128 153.2 140.9 211.3

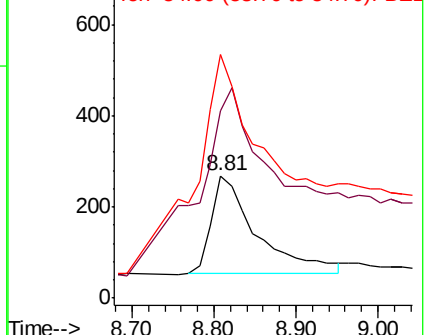
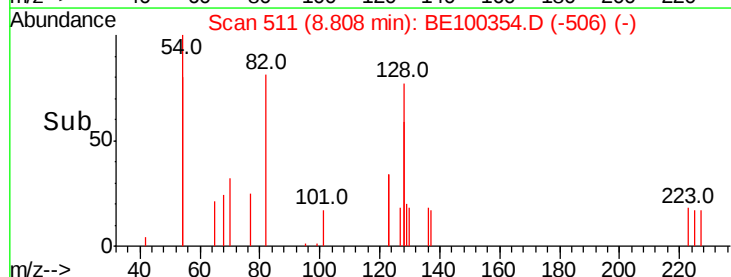
54 198.5 146.2 219.2

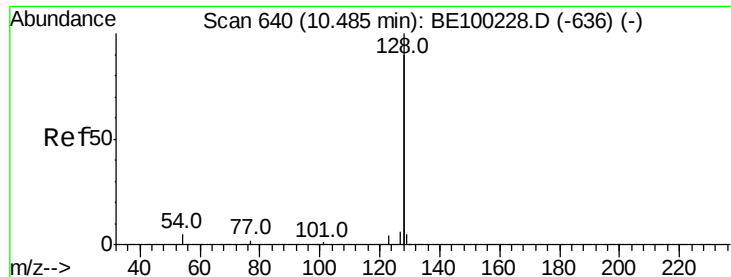


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

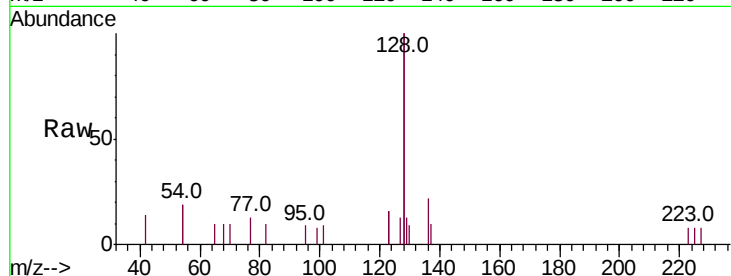




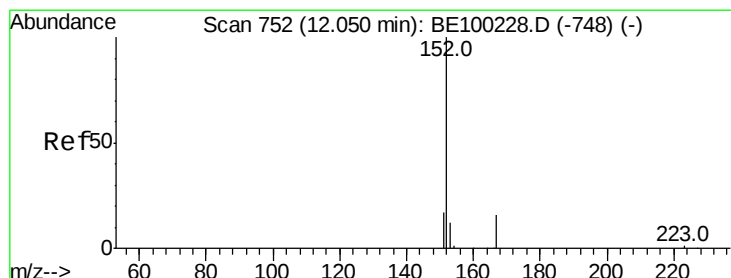
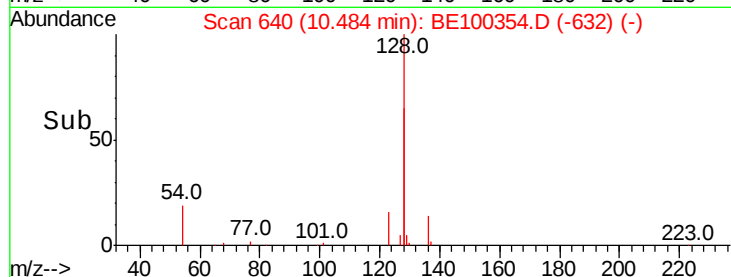
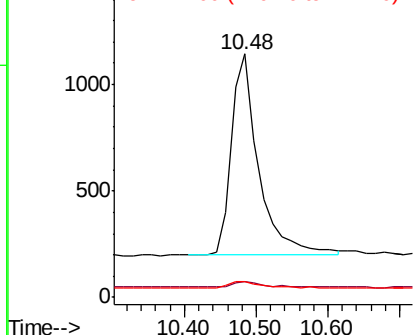
#9
Naphthalene
Concen: 0.104 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

Tot Ion:128 Resp: 2499
Ion Ratio Lower Upper
128 100
129 6.7 3.0 4.6#
127 6.5 3.5 5.3#

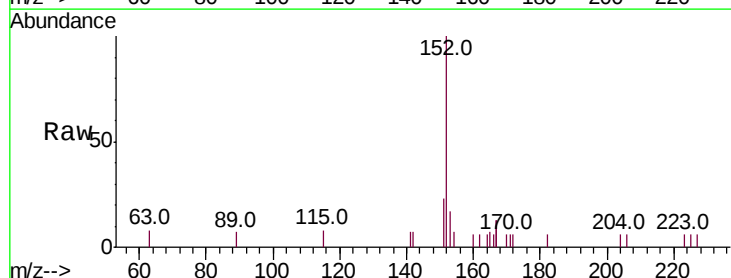


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

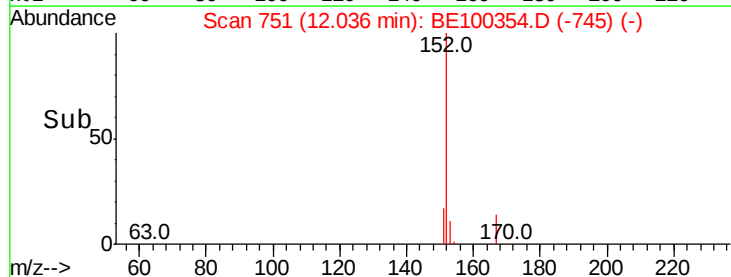
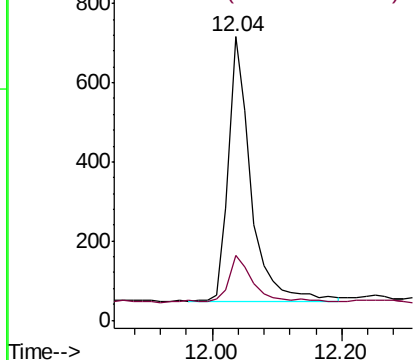


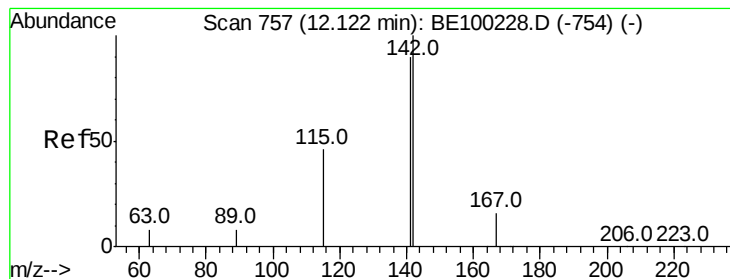
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:152 Resp: 1614
Ion Ratio Lower Upper
152 100
151 16.4 15.1 22.7



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





#12

2-Methylnaphthalene

Concen: 0.172 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

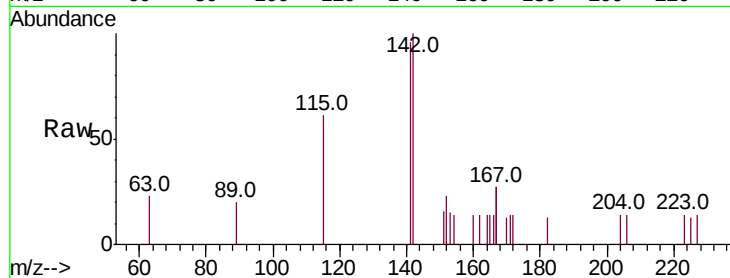
Tot Ion:142 Resp: 727

Ion Ratio Lower Upper

142 100

141 96.1 72.4 108.6

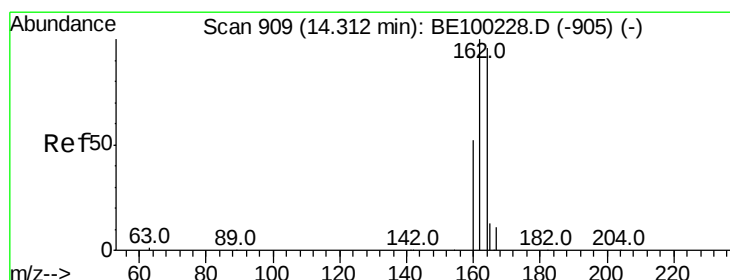
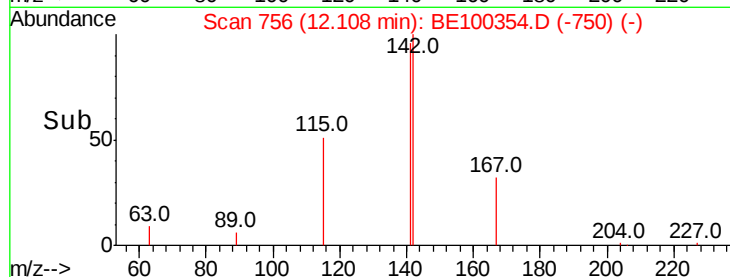
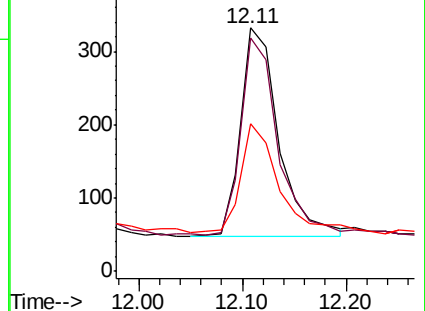
115 60.8 40.4 60.6#



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: 14.31 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

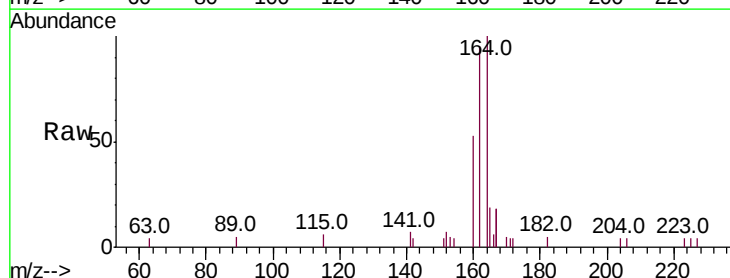
Tgt Ion:164 Resp: 1814

Ion Ratio Lower Upper

164 100

162 94.6 83.4 125.0

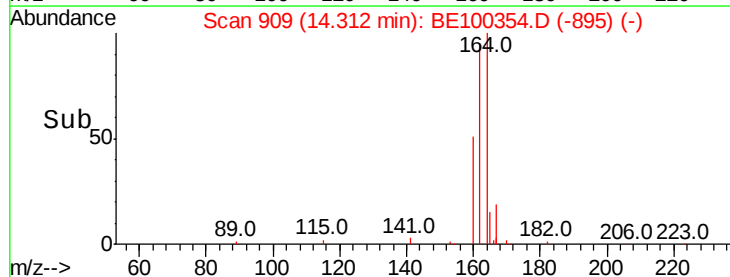
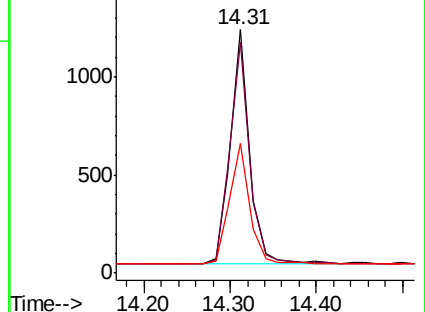
160 53.1 45.0 67.6

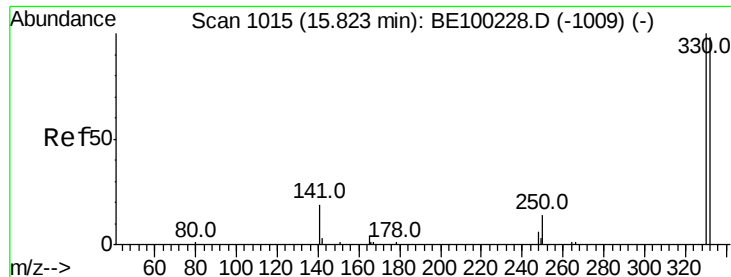


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

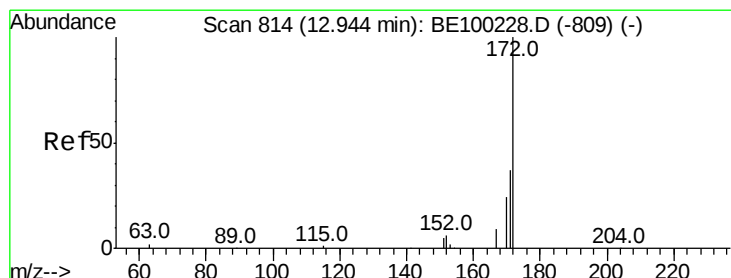
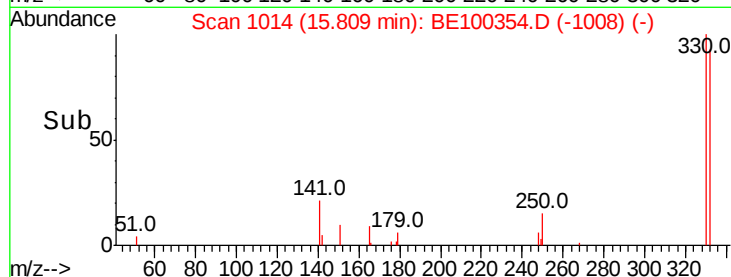
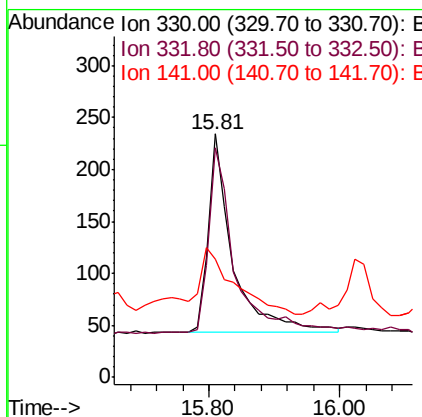
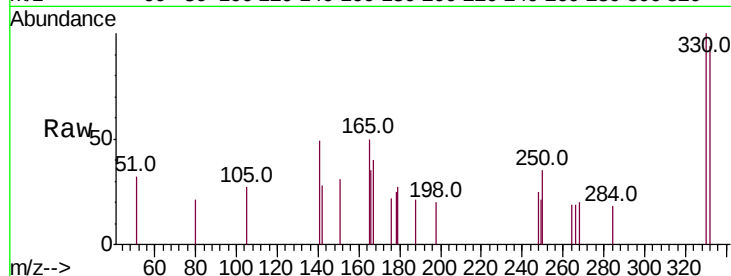




#14
 2,4,6-Tribromophenol
 Concen: 0.391 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100354.D
 Acq: 4 Jul 2019 7:22

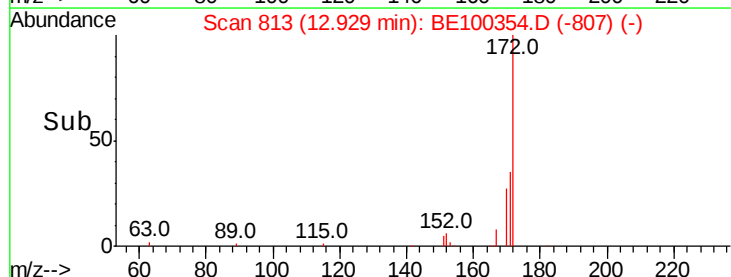
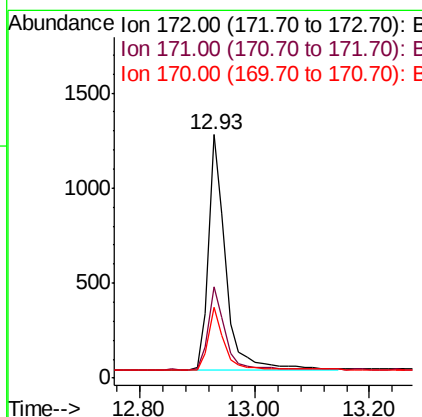
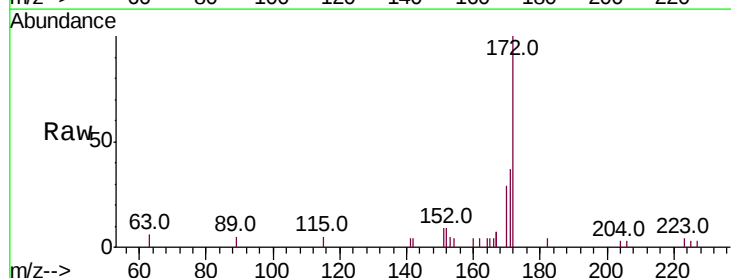
Instrument :
 BNA_E
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 PST-015-B228-062519

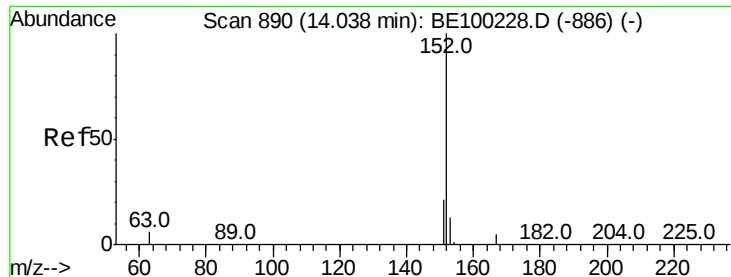
Tot Ion:330 Resp: 496
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.0 115.4
 141 45.2 22.0 33.0#



#15
 2-Fluorobiphenyl
 Concen: 0.363 ng
 RT: 12.93 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BE100354.D
 Acq: 4 Jul 2019 7:22

Tgt Ion:172 Resp: 2566
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.9 47.9
 170 29.4 22.2 33.2





#16

Acenaphthylene

Concen: 0.210 ng

RT: 14.04 min Scan# 890

Delta R.T. -0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

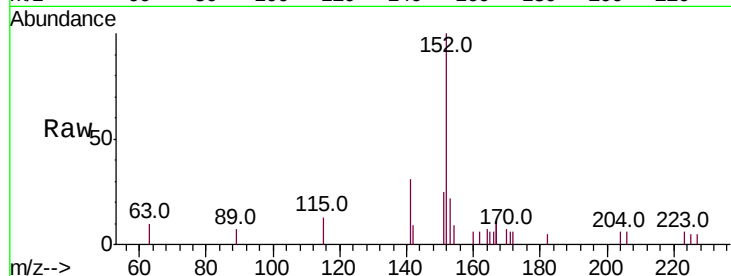
Tot Ion:152 Resp: 1824

Ion Ratio Lower Upper

152 100

151 22.4 16.6 25.0

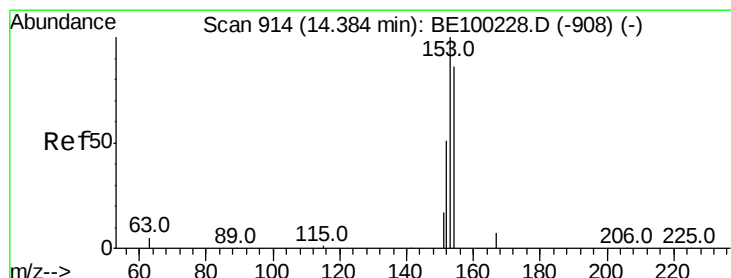
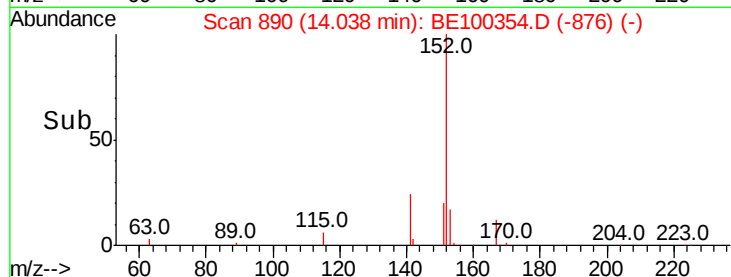
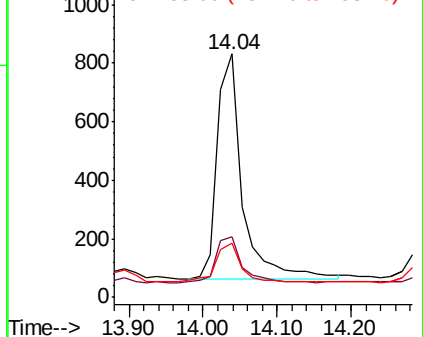
153 17.3 10.5 15.7#



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: 0.166 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

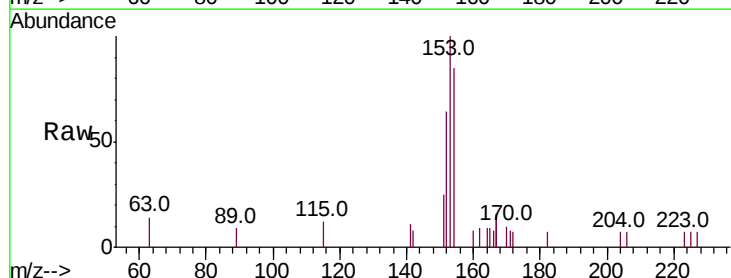
Tgt Ion:154 Resp: 820

Ion Ratio Lower Upper

154 100

153 125.4 93.4 140.2

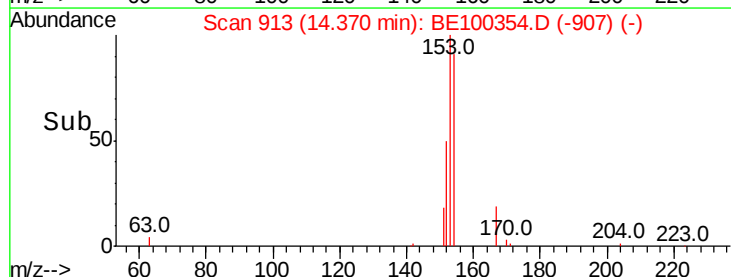
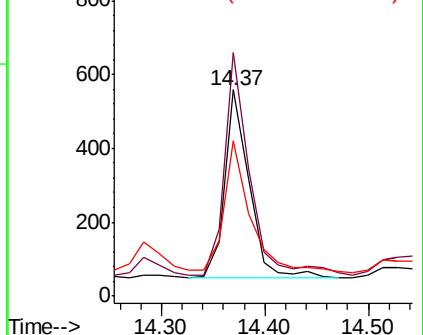
152 75.1 49.4 74.2#

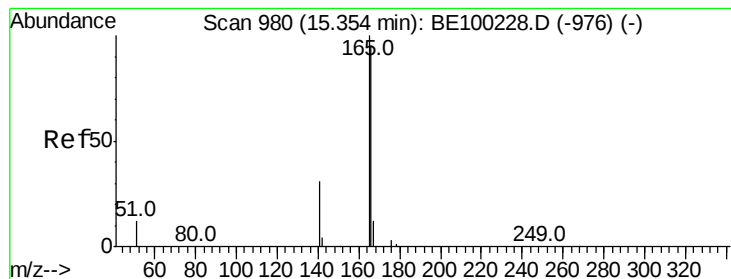


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.225 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

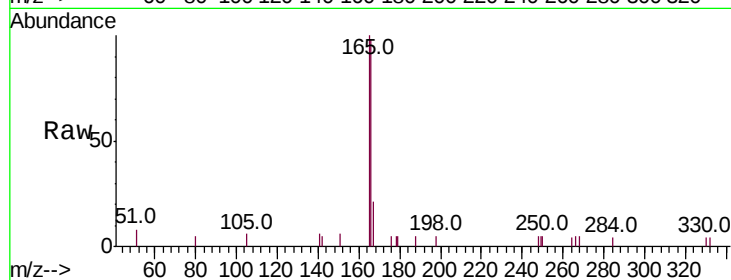
Tot Ion:166 Resp: 1640

Ion Ratio Lower Upper

166 100

165 106.9 81.1 121.7

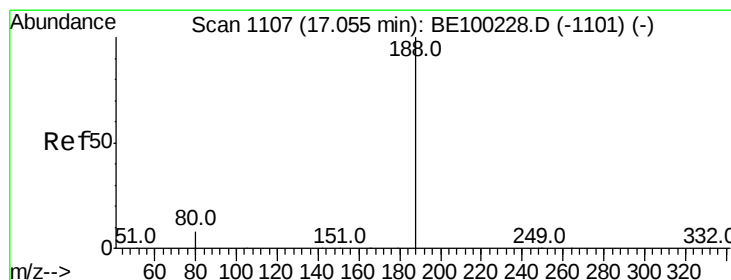
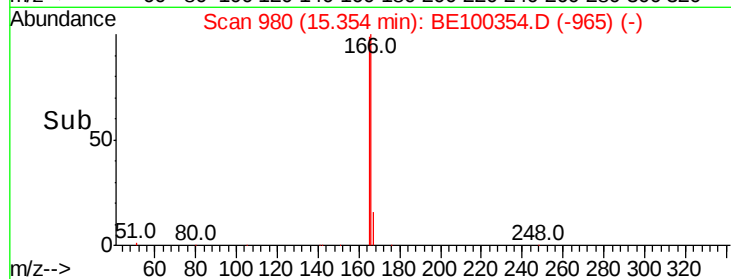
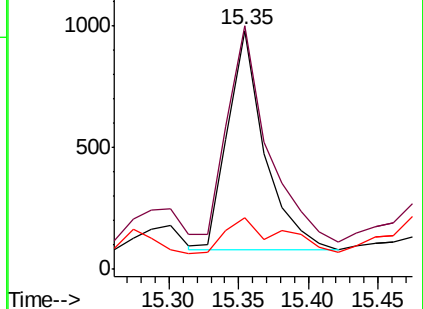
167 25.2 10.7 16.1#



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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

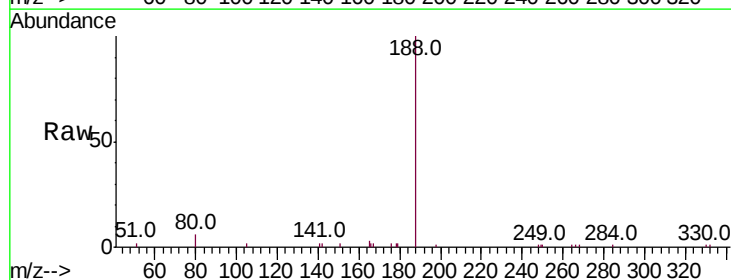
Tgt Ion:188 Resp: 5671

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

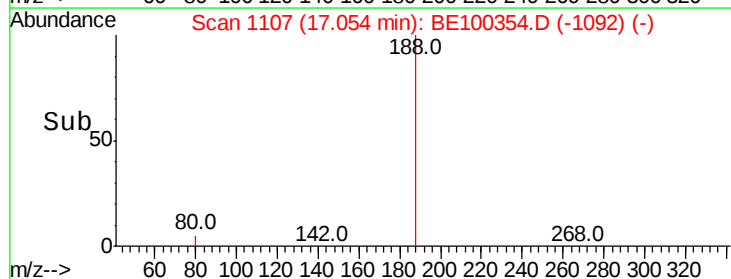
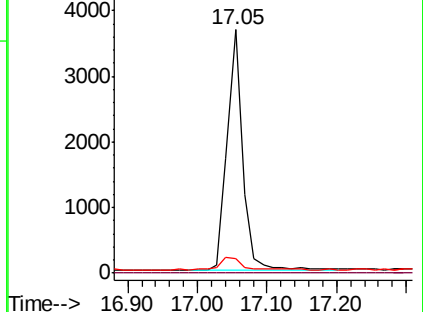
80 6.0 7.6 11.4#

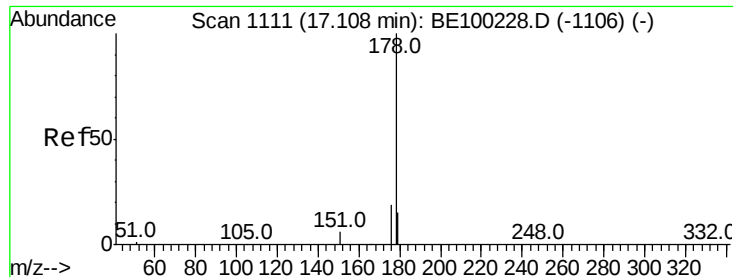


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#23

Phenanthrene

Concen: 4.192 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

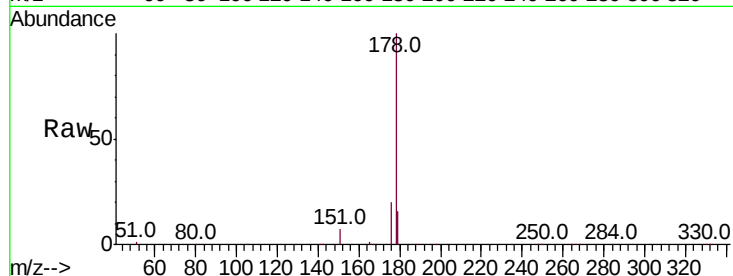
Tot Ion:178 Resp: 57621

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

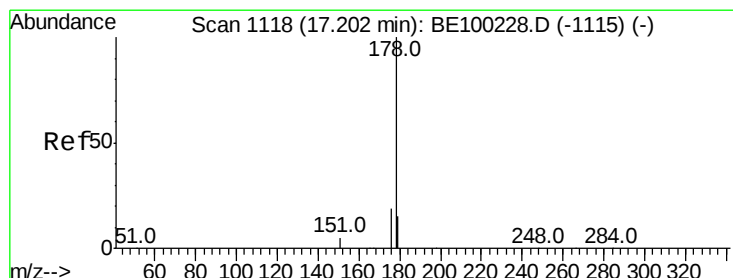
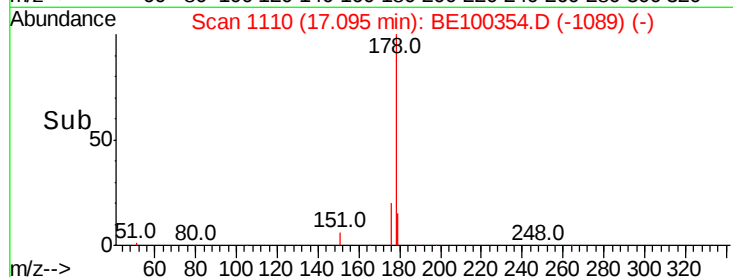
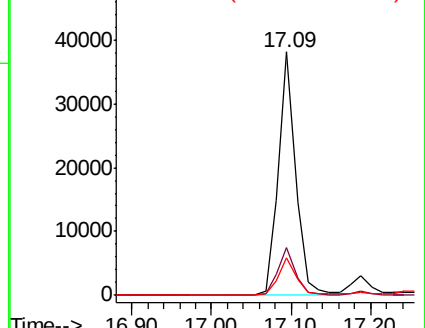
179 15.9 12.2 18.2



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: 0.361 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

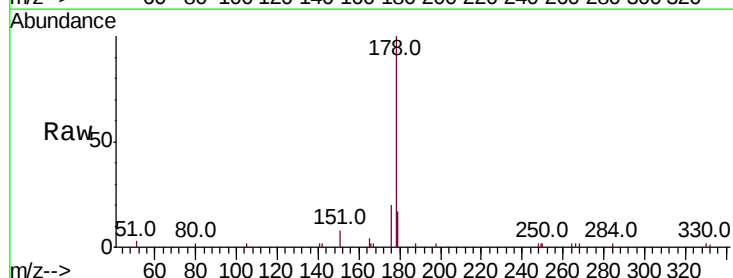
Tgt Ion:178 Resp: 4473

Ion Ratio Lower Upper

178 100

176 18.2 15.3 22.9

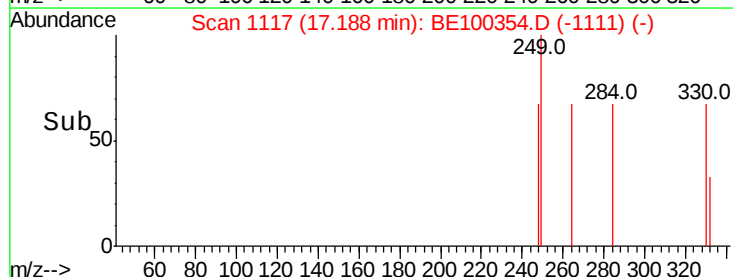
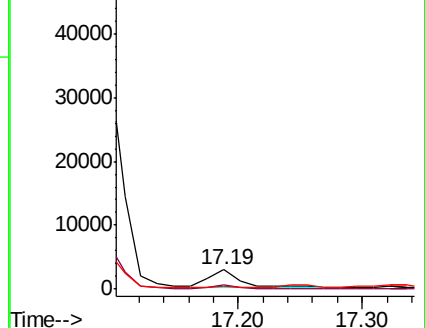
179 10.6 12.2 18.2#

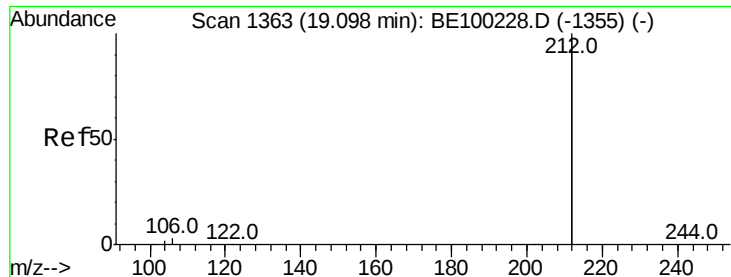


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.324 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

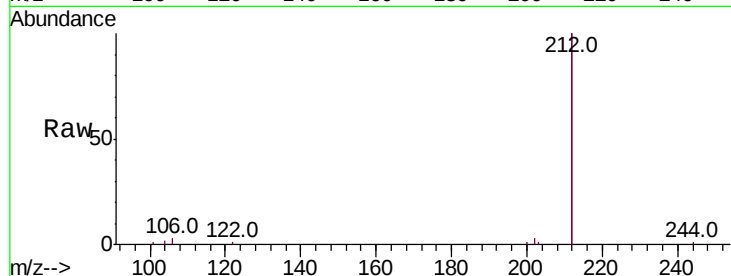
Tot Ion:212 Resp: 26692

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

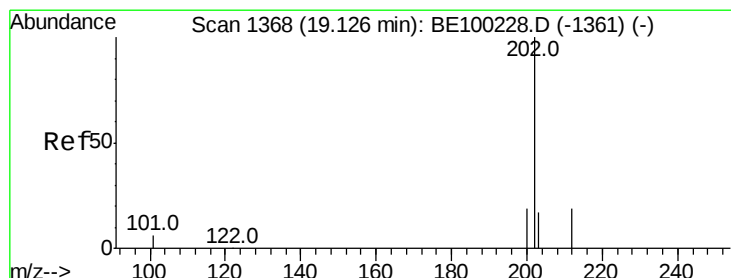
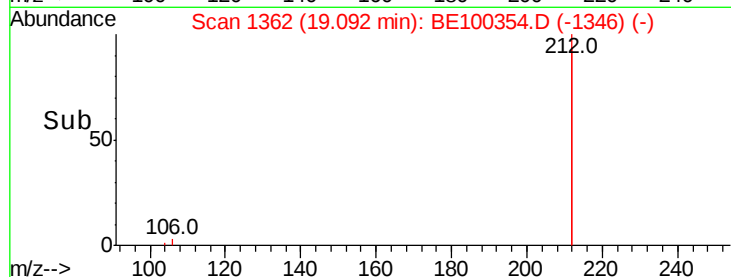
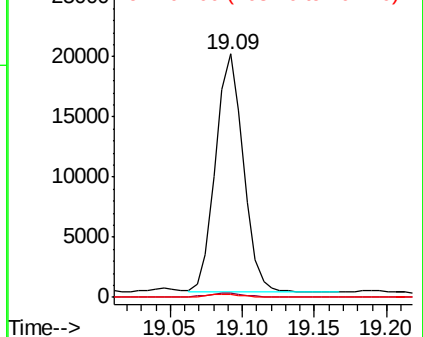
104 0.9 0.8 1.2



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: 2.686 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

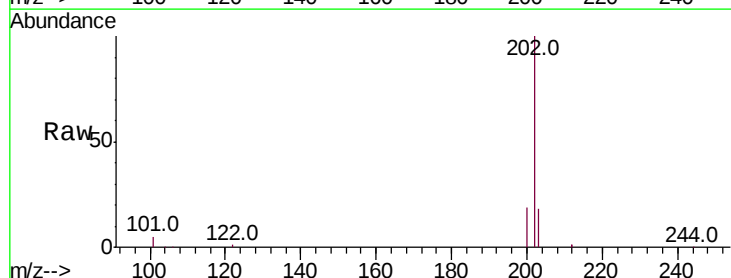
Tgt Ion:202 Resp: 58799

Ion Ratio Lower Upper

202 100

101 5.5 4.6 7.0

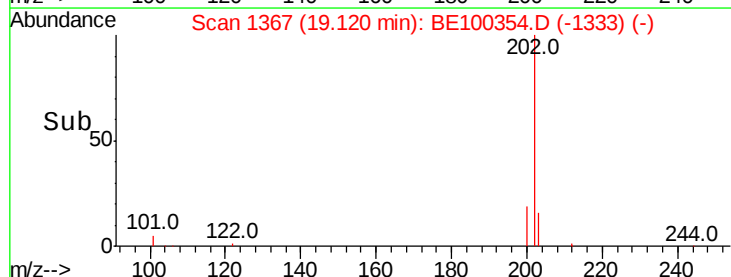
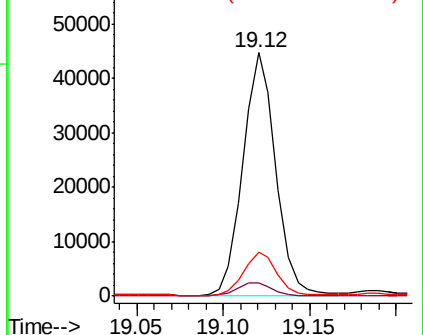
203 18.0 13.7 20.5

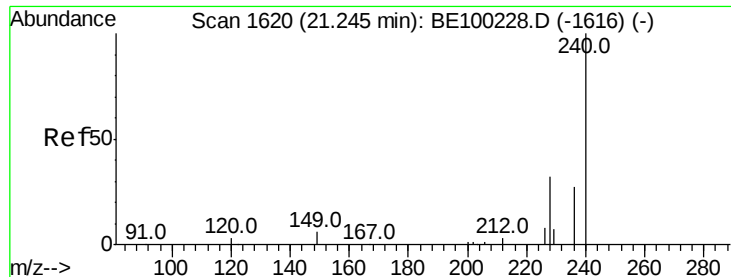


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

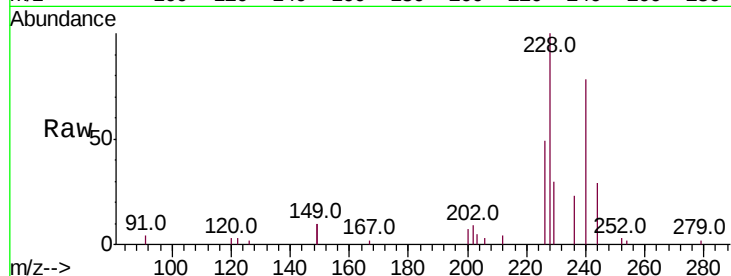
Tot Ion:240 Resp: 7719

Ion Ratio Lower Upper

240 100

120 4.1 3.3 4.9

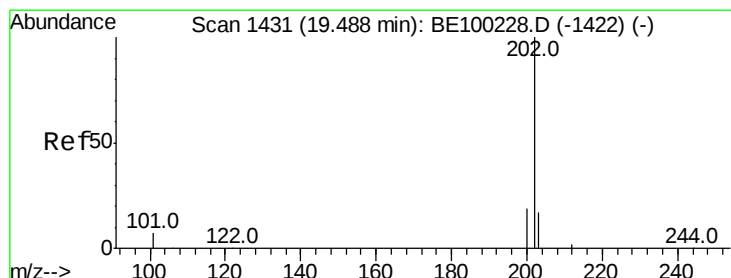
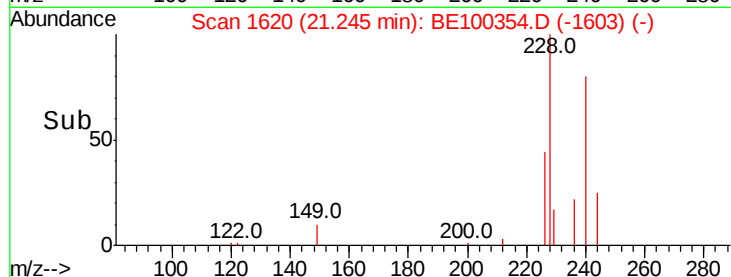
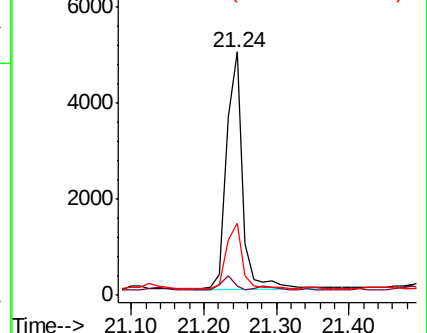
236 29.4 22.6 34.0



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: 4.773 ng

RT: 19.48 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

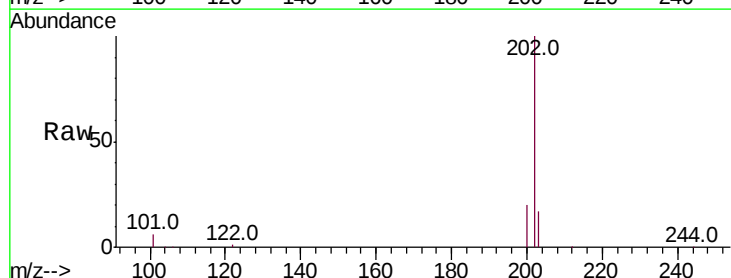
Tgt Ion:202 Resp: 97542

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

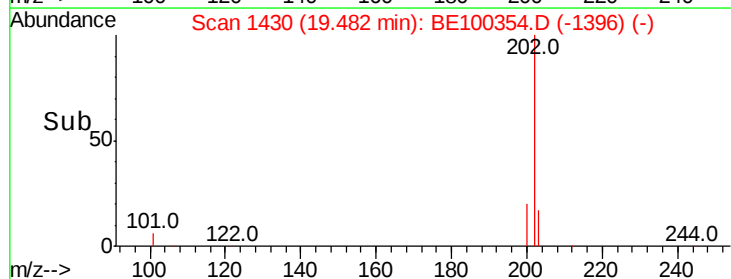
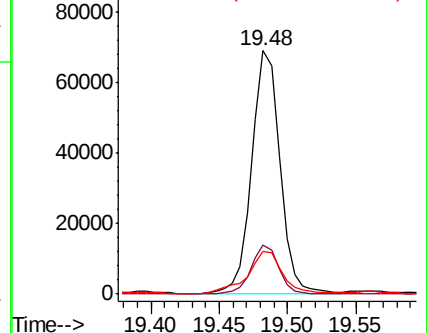
203 21.2 14.0 21.0#

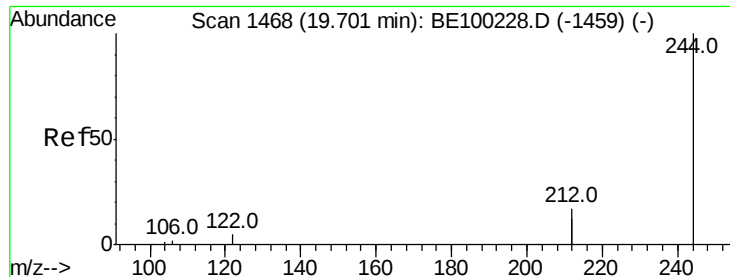


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.359 ng

RT: 19.69 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

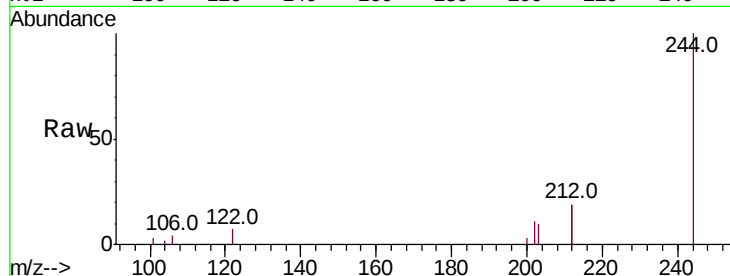
Tot Ion:244 Resp: 5750

Ion Ratio Lower Upper

244 100

212 37.9 27.3 40.9

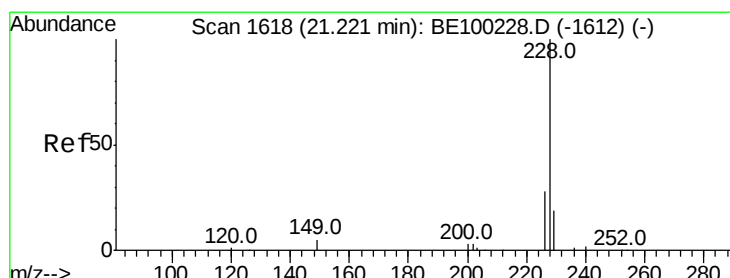
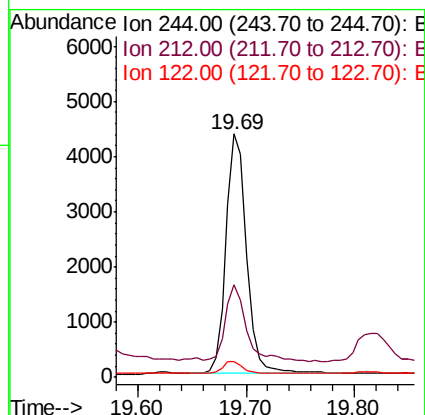
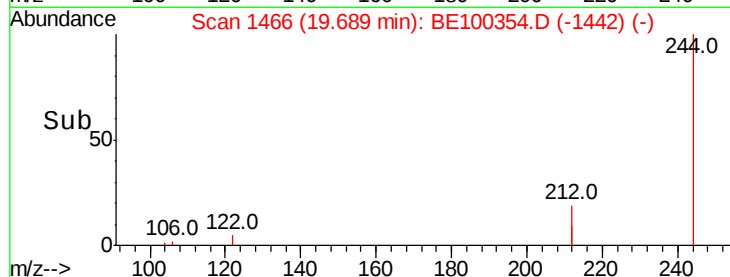
122 6.6 4.7 7.1



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: 1.662 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

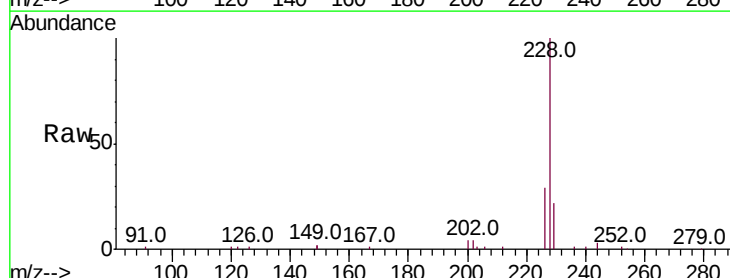
Tgt Ion:228 Resp: 42174

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

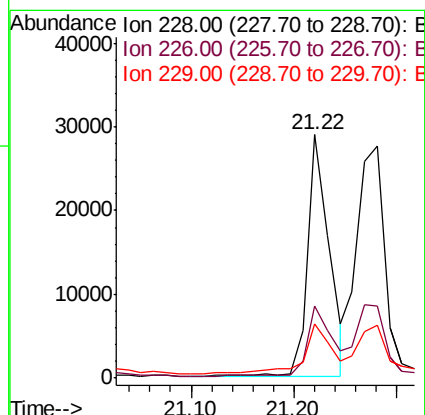
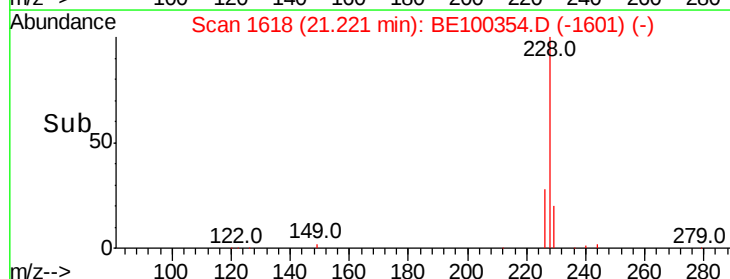
229 22.4 15.7 23.5

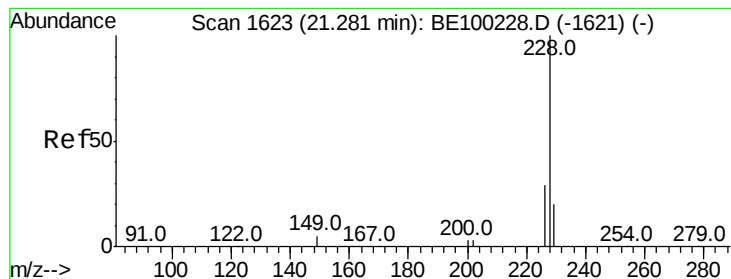


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.984 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

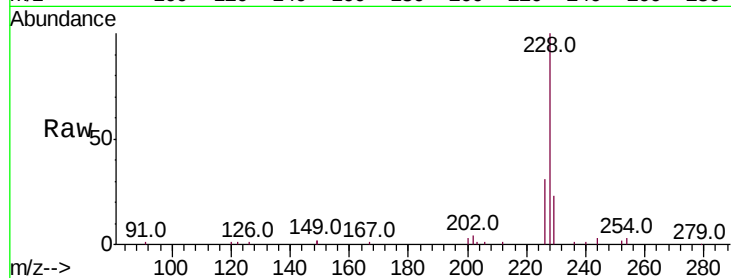
BNA_E

ClientSampleId :

PST-015-B228-062519

Tot Ion:228 Resp: 50572

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	22.6	16.5	24.7

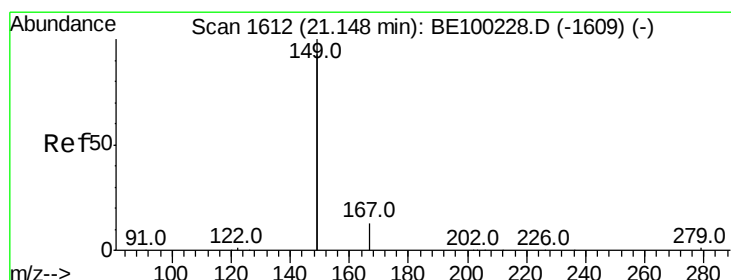
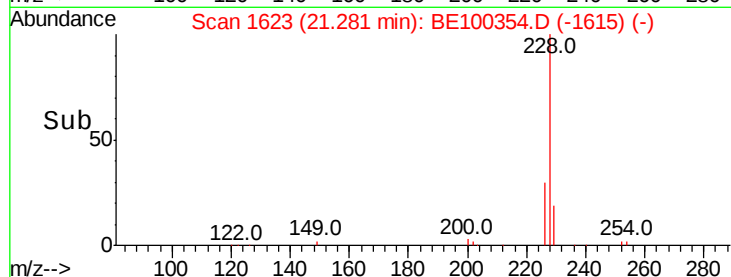
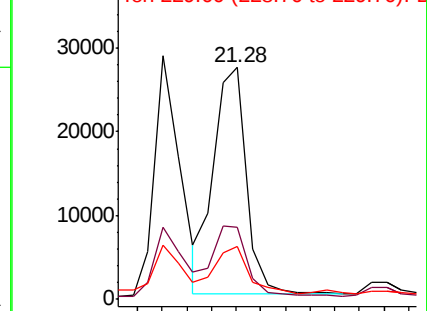


Abundance

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: 0.084 ng

RT: 21.15 min Scan# 1612

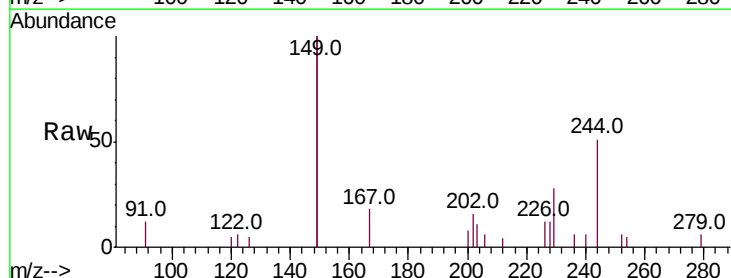
Delta R.T. 0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Tgt Ion:149 Resp: 5070

Ion	Ratio	Lower	Upper
149	100		
167	8.2	5.8	8.8
279	2.1	1.1	1.7#

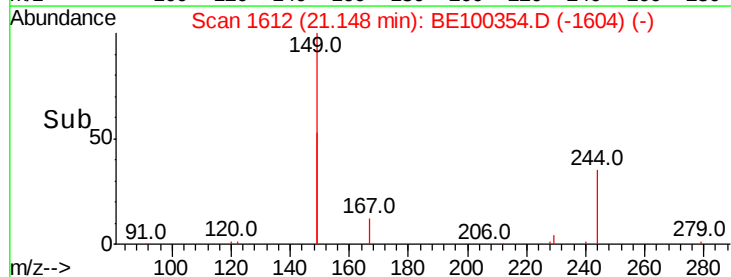
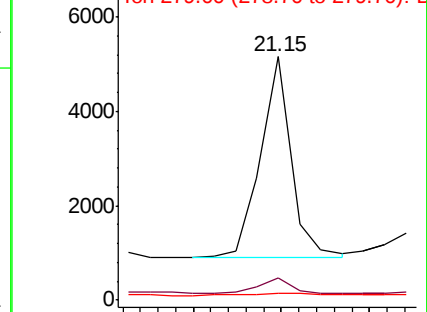


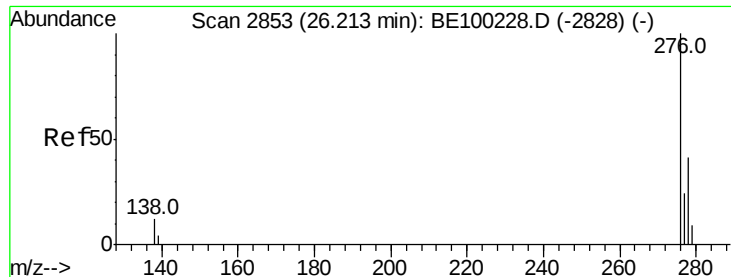
Abundance

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: 0.561 ng

RT: 26.21 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

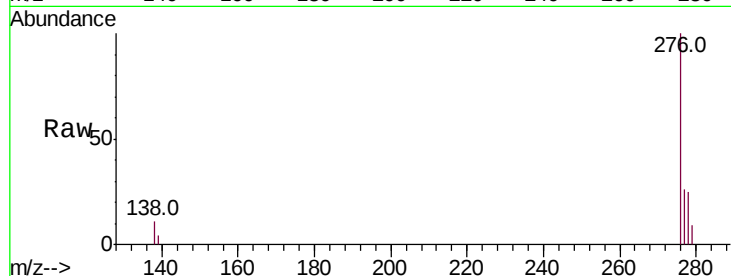
Tot Ion:276 Resp: 18924

Ion Ratio Lower Upper

276 100

138 8.7 9.4 14.0#

277 23.0 19.2 28.8

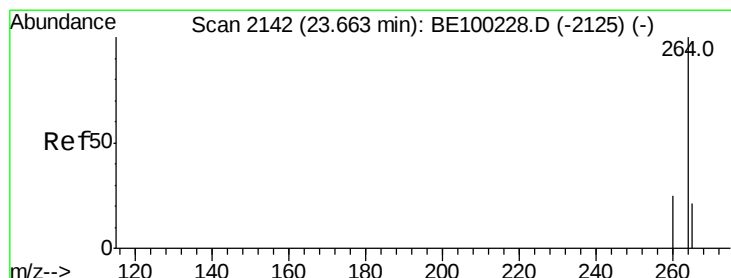
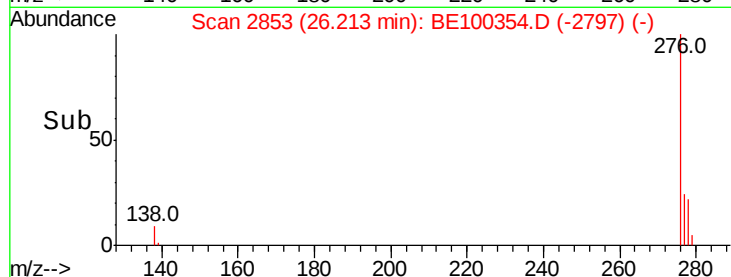
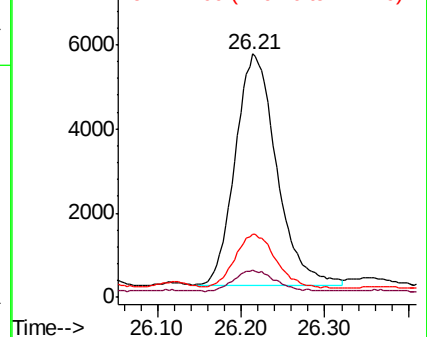


Abundance

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: 23.66 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

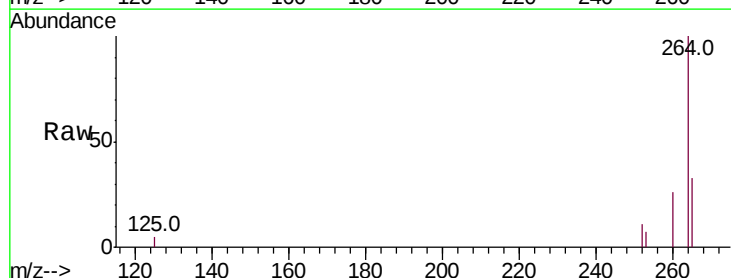
Tgt Ion:264 Resp: 9071

Ion Ratio Lower Upper

264 100

260 26.5 20.8 31.2

265 32.9 21.8 32.6#

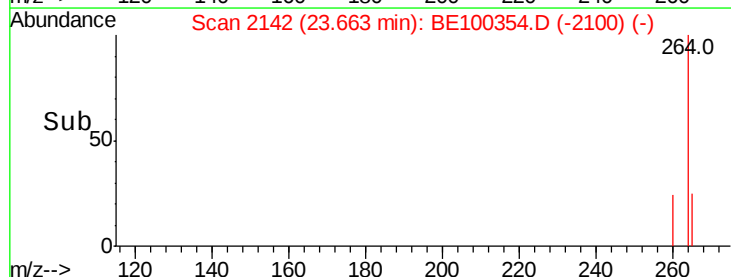
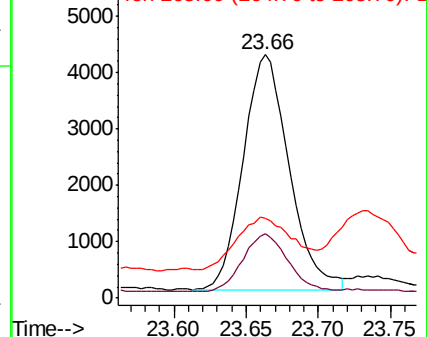


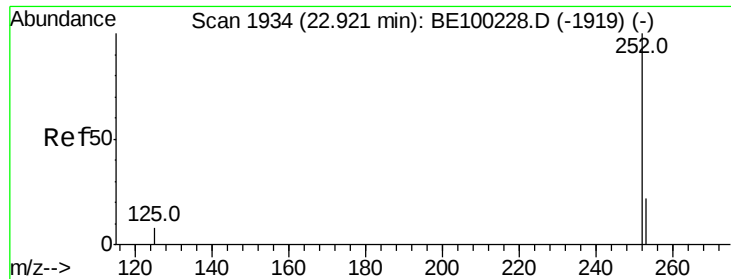
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

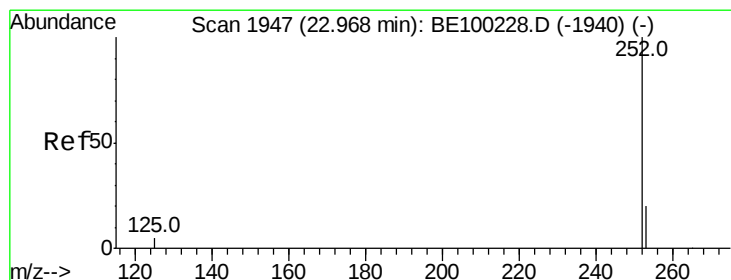
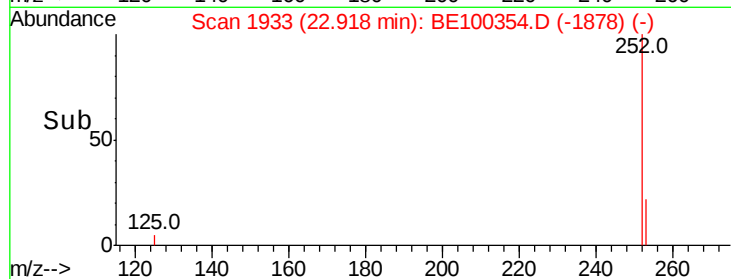
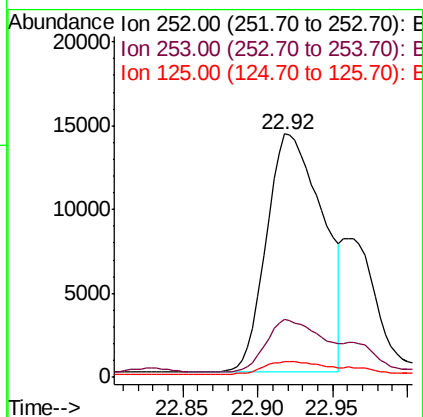
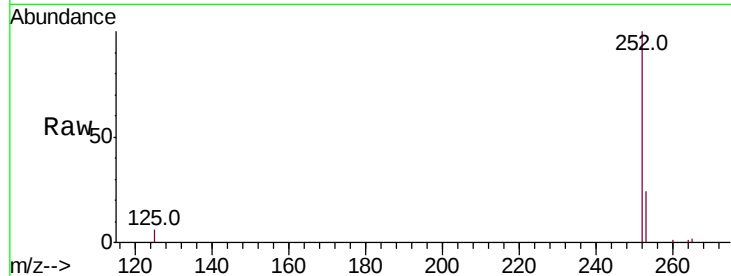




#35
Benzo(b)fluoranthene
Concen: 1.511 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

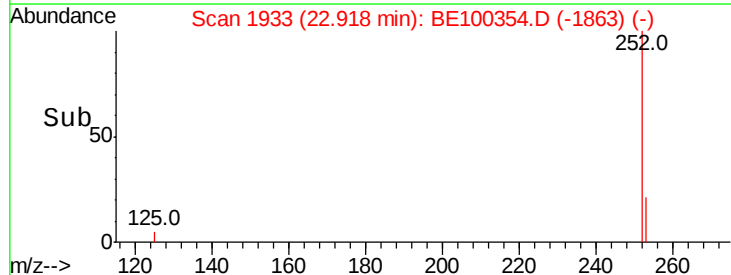
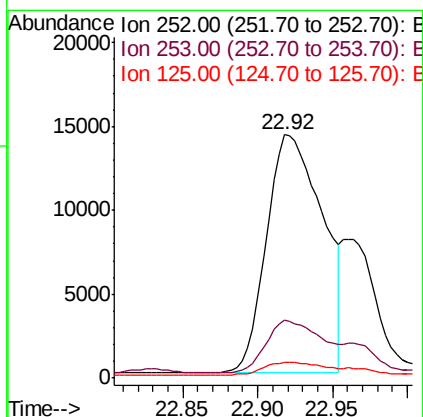
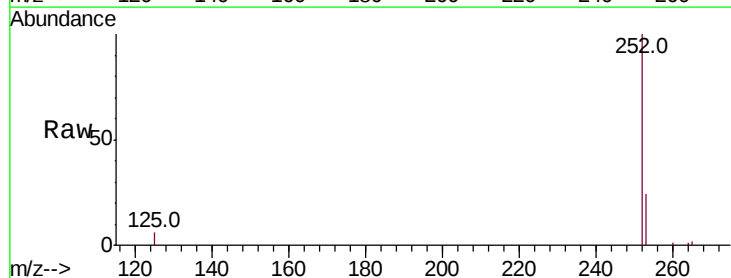
Instrument :
BNA_E
ClientSampleId :
PST-015-B228-062519

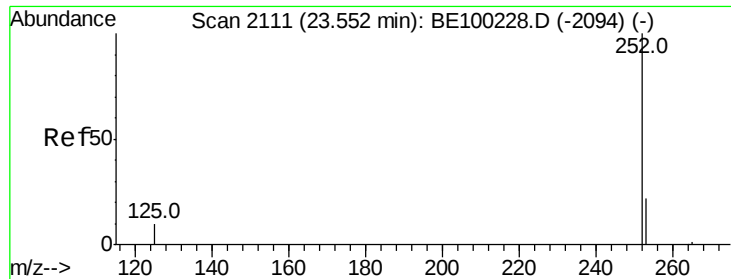
Tot Ion:252 Resp: 37171
Ion Ratio Lower Upper
252 100
253 23.8 19.2 28.8
125 6.4 7.4 11.0#



#36
Benzo(k)fluoranthene
Concen: 1.354 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.05 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:252 Resp: 37171
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 6.4 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.207 ng

RT: 23.72 min Scan# 2157

Delta R.T. 0.16 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

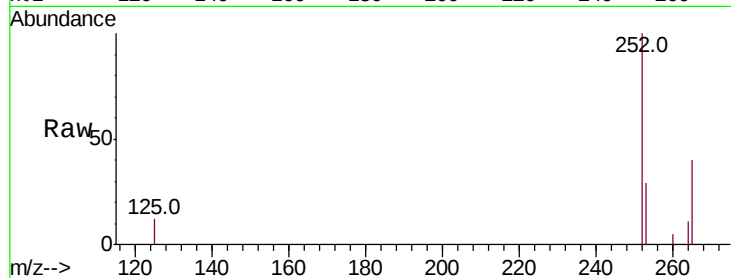
Tot Ion:252 Resp: 5090

Ion Ratio Lower Upper

252 100

253 29.1 19.6 29.4

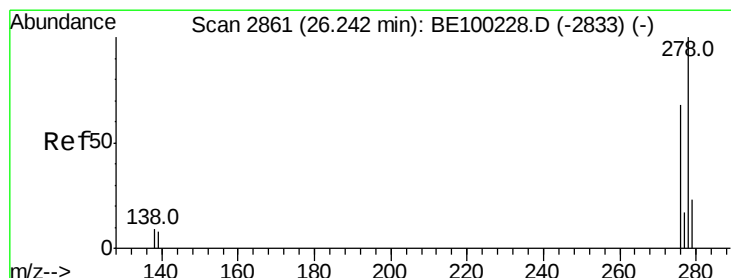
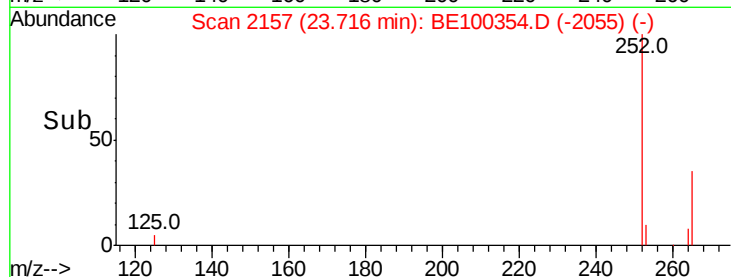
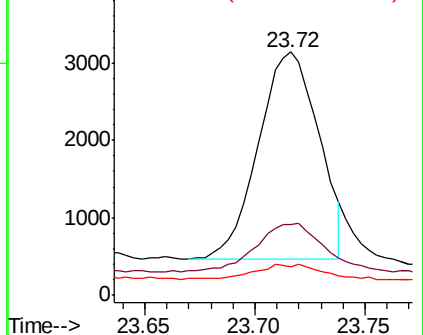
125 11.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.211 ng

RT: 26.23 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

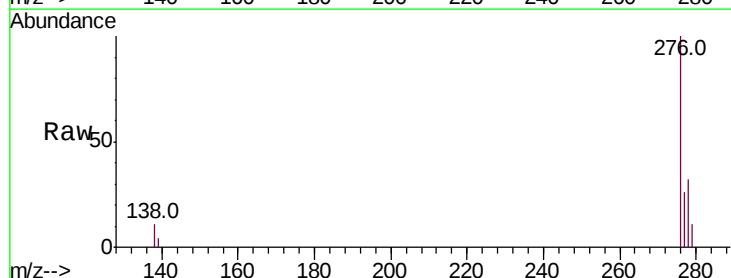
Tgt Ion:278 Resp: 5433

Ion Ratio Lower Upper

278 100

139 13.7 8.2 12.2#

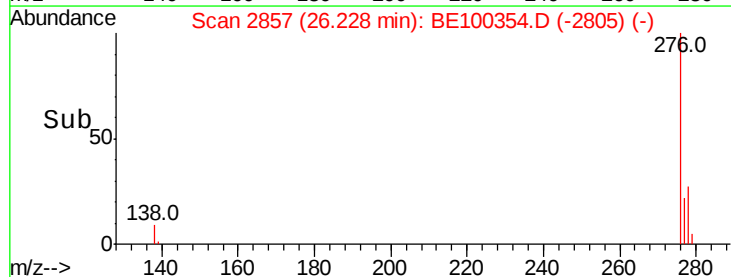
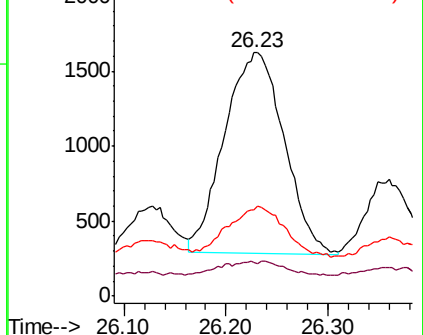
279 35.4 20.3 30.5#

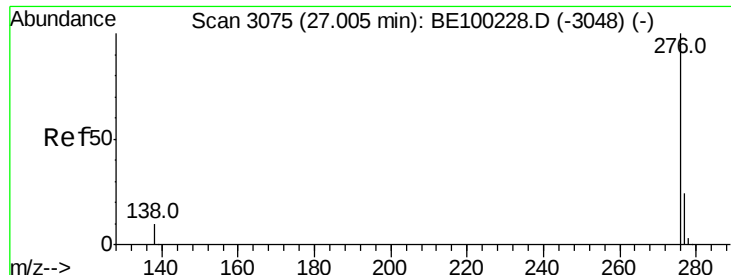


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.912 ng

RT: 27.01 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BE100354.D

Acq: 4 Jul 2019 7:22

Instrument :

BNA_E

ClientSampleId :

PST-015-B228-062519

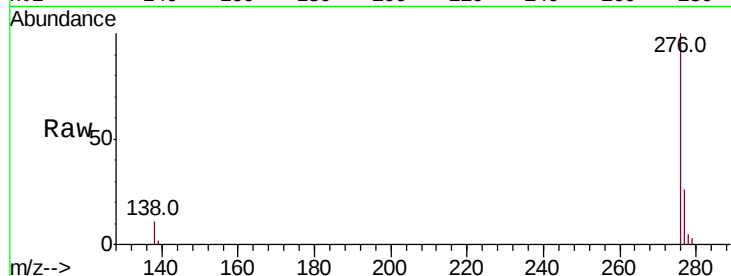
Tot Ion:276 Resp: 24112

Ion Ratio Lower Upper

276 100

277 25.6 20.2 30.2

138 10.9 9.0 13.6



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

