

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099375.D
 Acq On : 26 Apr 2019 13:17
 Operator : JU/SJ
 Sample : K2533-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B031-042219

Quant Time: Apr 26 14:40:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2342	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	9209	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6472	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	17688	0.40	ng	0.00
27) Chrysene-d12	21.37	240	19475	0.40	ng	0.00
34) Perylene-d12	23.87	264	21458	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	16256	2.84	ng	0.00
5) Phenol-d6	6.98	99	23035	2.82	ng	0.00
8) Nitrobenzene-d5	8.97	82	20425	2.86	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	11779	0.72	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	8525	3.97	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	59182	2.33	ng	0.00
25) Fluoranthene-d10	19.22	212	139971	0.66	ng	0.00
29) Terphenyl-d14	19.82	244	100752	2.63	ng	0.00

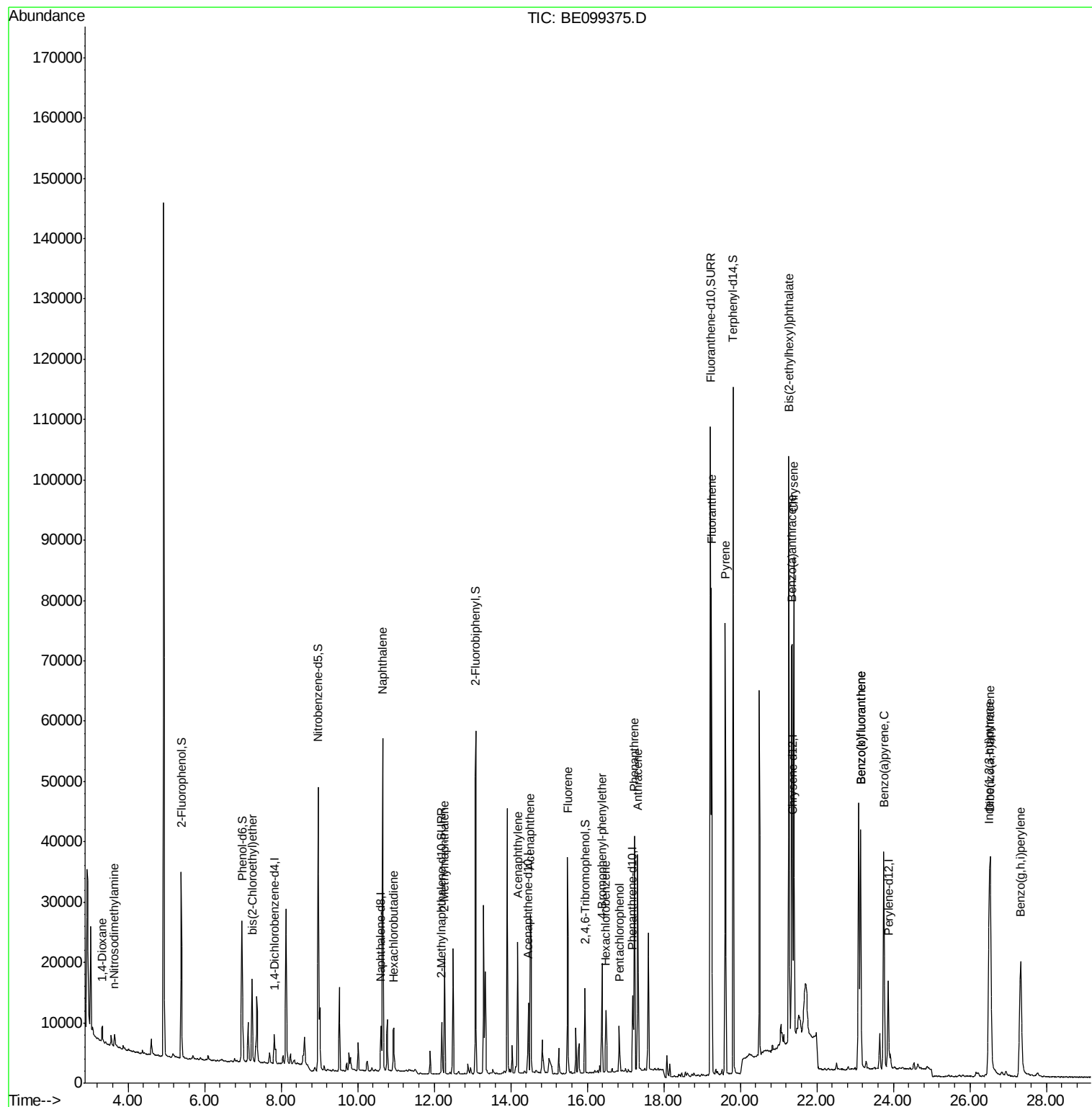
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	2292	0.699	ng	# 77
3) n-Nitrosodimethylamine	3.64	42	1607	0.911	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	5999	0.787	ng	99
9) Naphthalene	10.65	128	83115	0.827	ng	99
10) Hexachlorobutadiene	10.94	225	5560	0.872	ng	98
12) 2-Methylnaphthalene	12.27	142	14600	0.854	ng	96
16) Acenaphthylene	14.18	152	26798	0.916	ng	99
17) Acenaphthene	14.52	154	14986	0.831	ng	98
18) Fluorene	15.49	166	21534	0.831	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	8753	0.893	ng	94
21) Hexachlorobenzene	16.49	284	8089	0.859	ng	99
22) Pentachlorophenol	16.84	266	3908	1.248	ng	95
23) Phenanthrene	17.23	178	43434	0.927	ng	100
24) Anthracene	17.32	178	36171	0.868	ng	99
26) Fluoranthene	19.25	202	72132	1.151	ng	98
28) Pyrene	19.61	202	72439	1.263	ng	98
30) Benzo(a)anthracene	21.34	228	67326	1.176	ng	99
31) Chrysene	21.40	228	65948	1.082	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	97581	1.873	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	68032	1.131	ng	96
35) Benzo(b)fluoranthene	23.14	252	57084	0.869	ng	98
36) Benzo(k)fluoranthene	23.14	252	57503	0.878	ng	99
37) Benzo(a)pyrene	23.75	252	59320	1.008	ng	97
38) Dibenzo(a,h)anthracene	26.53	278	49563	0.824	ng	98
39) Benzo(g,h,i)perylene	27.32	276	56485	0.926	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

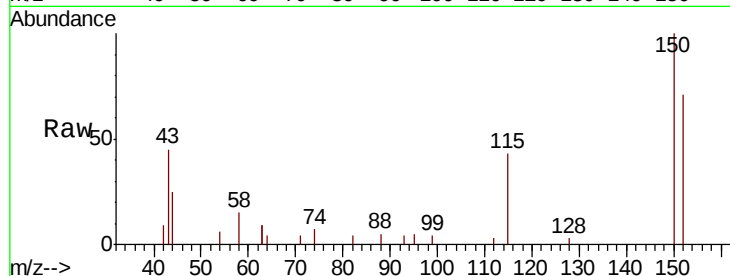
Tot Ion:152 Resp: 2342

Ion Ratio Lower Upper

152 100

150 141.0 119.5 179.3

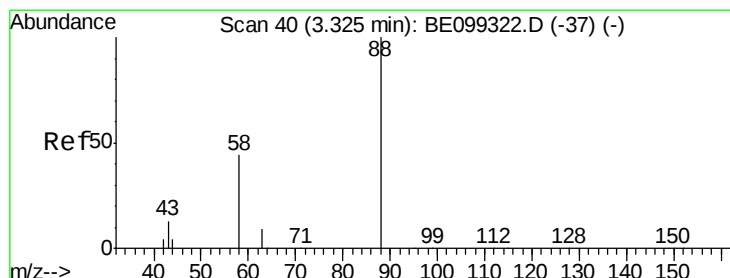
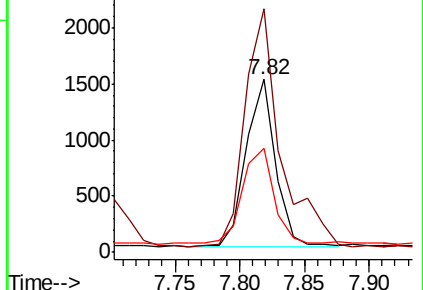
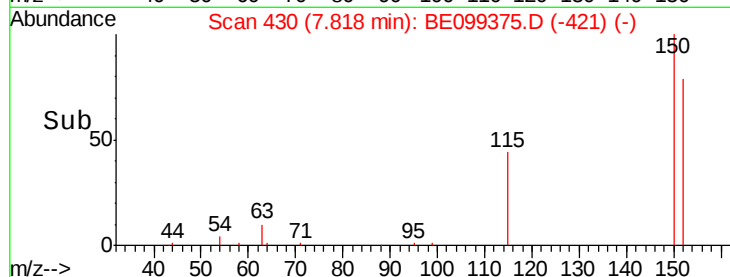
115 60.0 47.5 71.3



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: 0.699 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

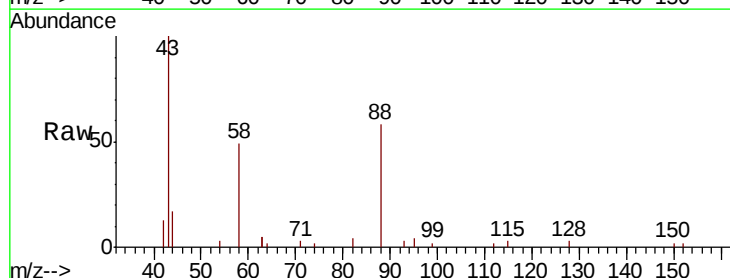
Tgt Ion: 88 Resp: 2292

Ion Ratio Lower Upper

88 100

58 64.1 49.1 73.7

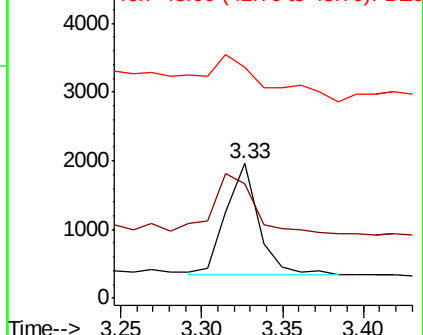
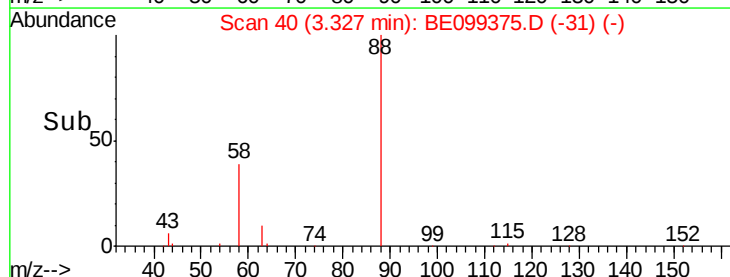
43 59.3 17.9 26.9#

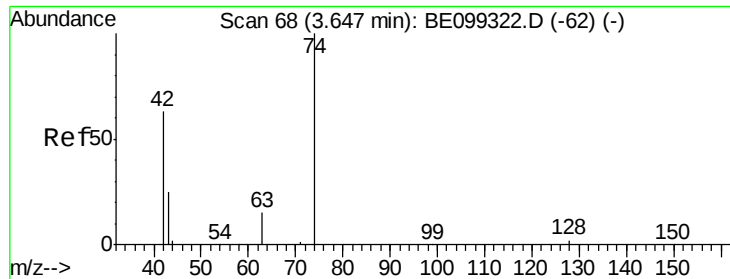


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.911 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.02 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

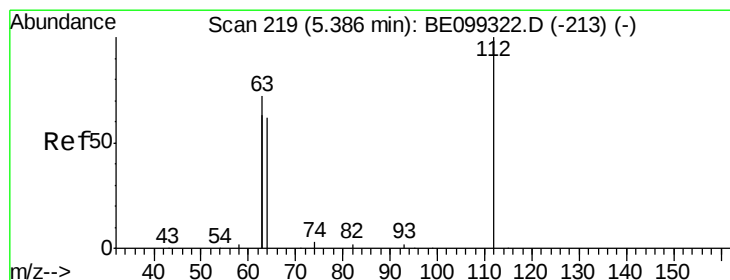
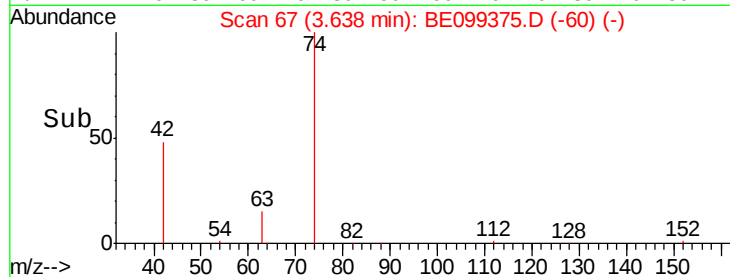
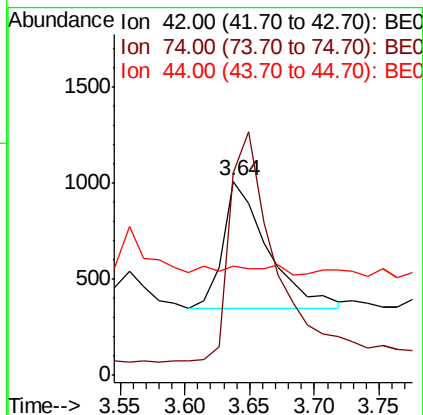
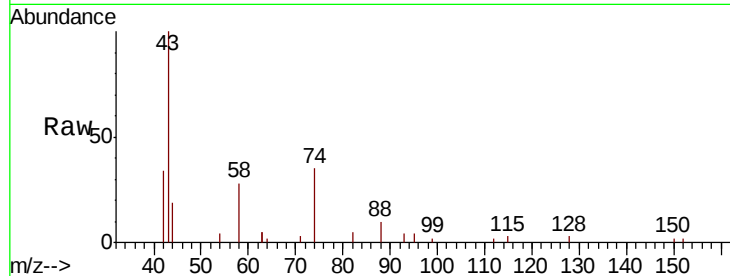
Instrument :

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PST-025-B031-042219

Tot Ion:	42	Resp:	1607
Ion	Ratio	Lower	Upper
42	100		
74	181.6	145.8	218.8
44	0.0	9.0	13.4#



#4

2-Fluorophenol

Concen: 2.840 ng

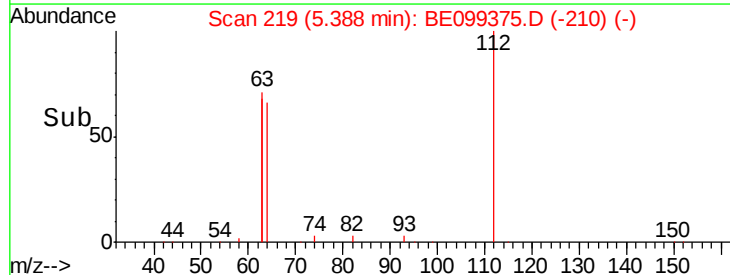
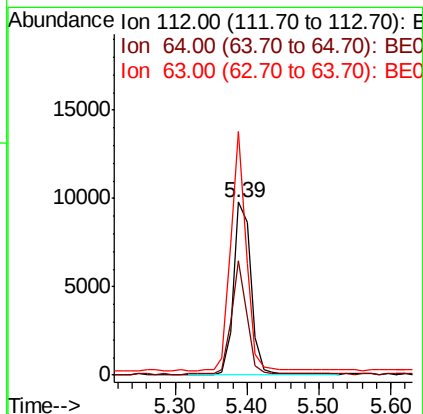
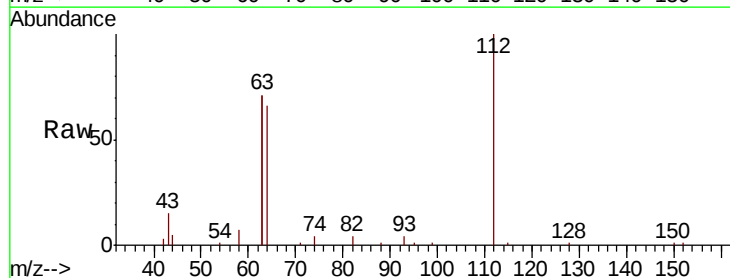
RT: 5.39 min Scan# 219

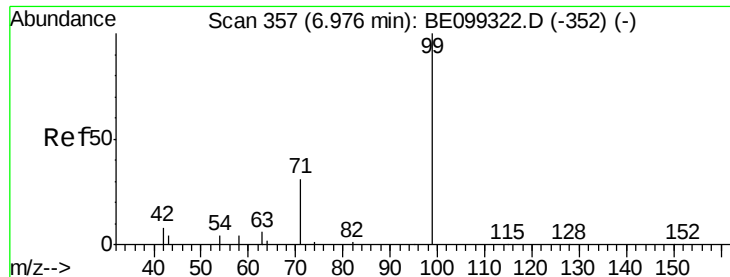
Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Tgt Ion:	112	Resp:	16256
Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.9	67.3
63	122.9	97.4	146.0





#5

Phenol-d6

Concen: 2.821 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

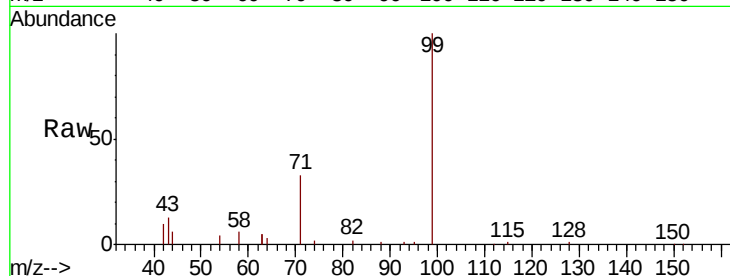
Tot Ion: 99 Resp: 23035

Ion Ratio Lower Upper

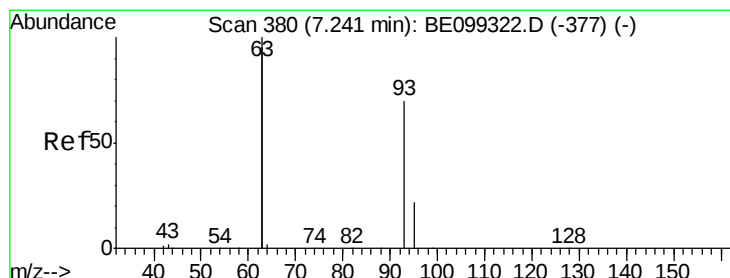
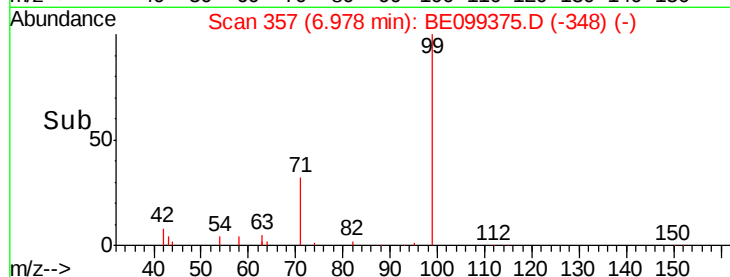
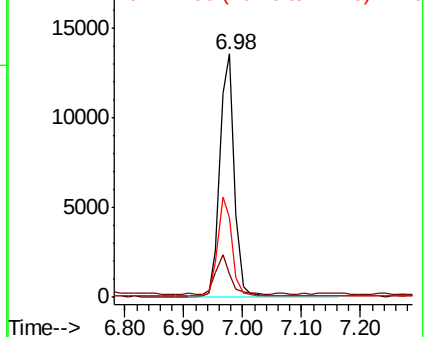
99 100

42 15.3 11.7 17.5

71 39.3 29.6 44.4



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.787 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

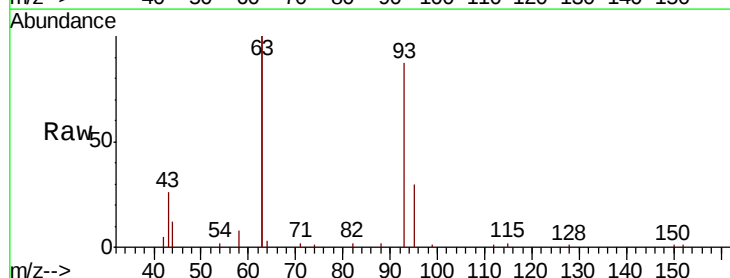
Tgt Ion: 93 Resp: 5999

Ion Ratio Lower Upper

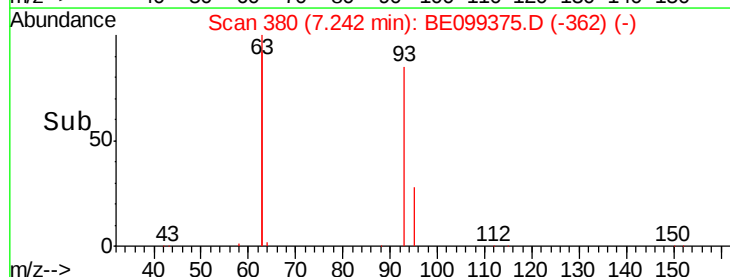
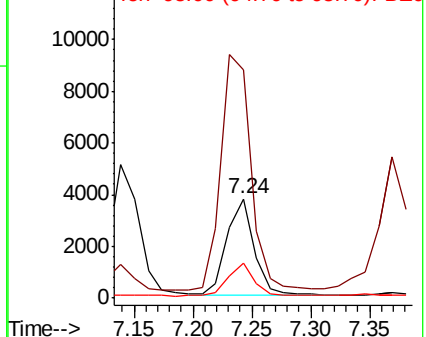
93 100

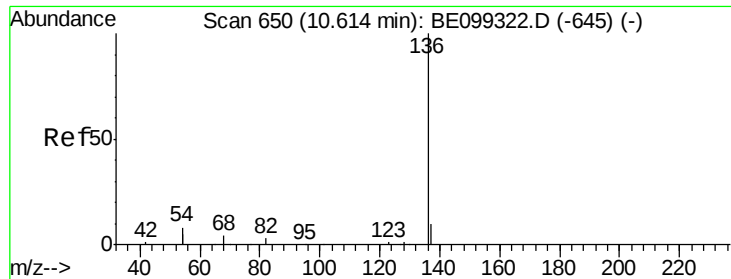
63 267.8 216.6 324.8

95 32.4 25.8 38.6



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

Tot Ion:136 Resp: 9209

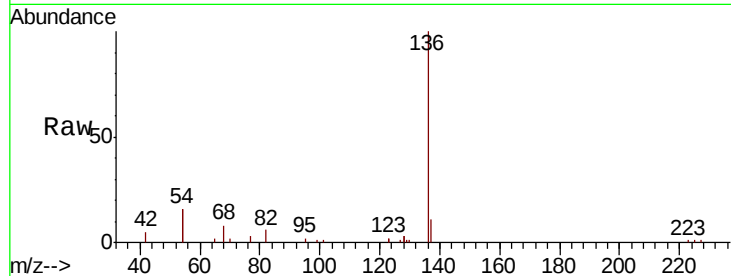
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 31.6 23.8 35.8

68 8.0 6.4 9.6

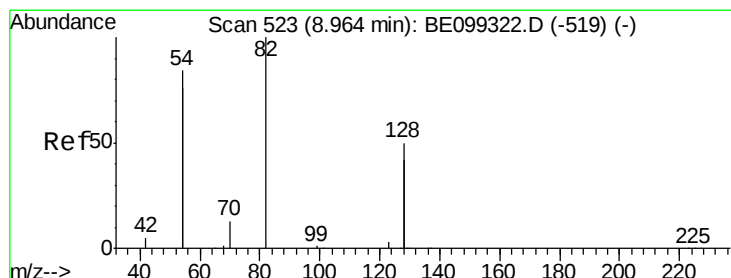
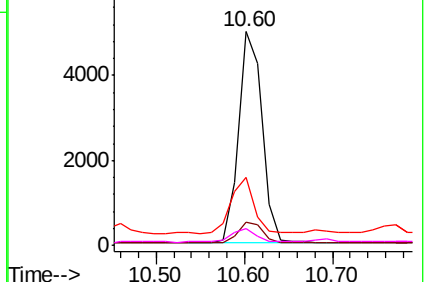
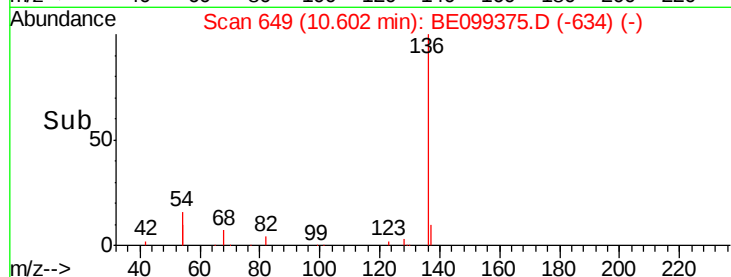


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 2.857 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

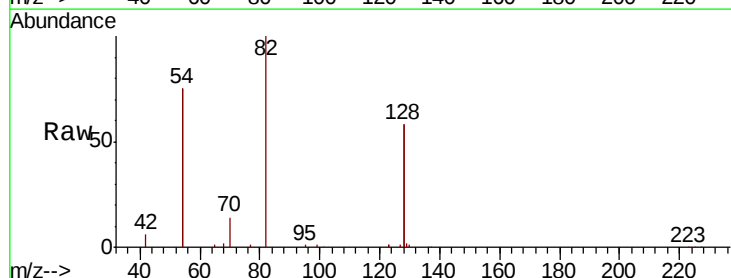
Tgt Ion: 82 Resp: 20425

Ion Ratio Lower Upper

82 100

128 116.8 91.7 137.5

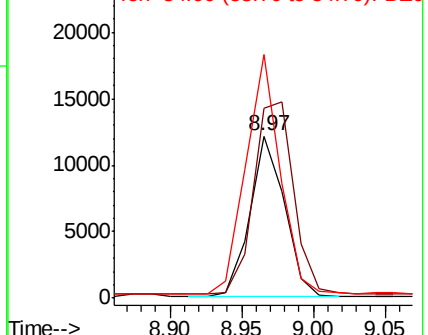
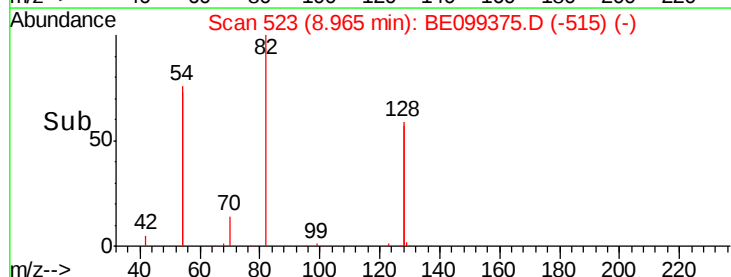
54 150.0 122.8 184.2

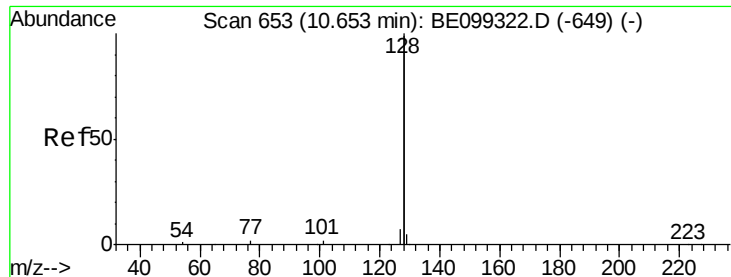


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.827 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

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ClientSampleId :

PST-025-B031-042219

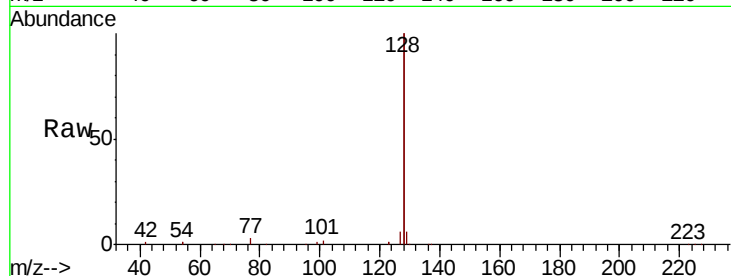
Tot Ion:128 Resp: 83115

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

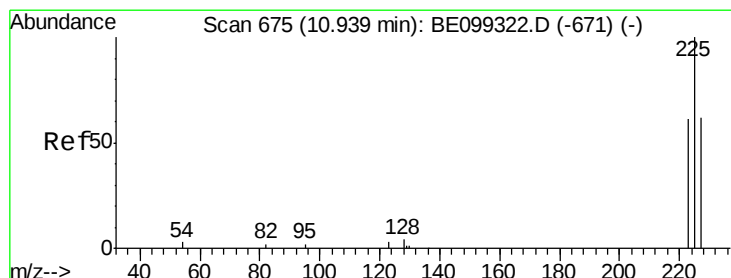
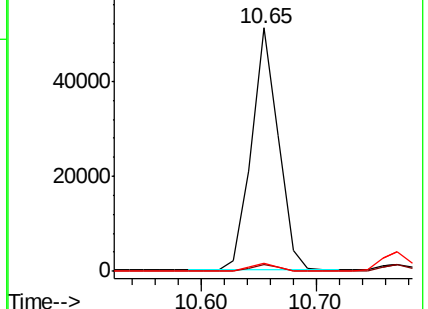
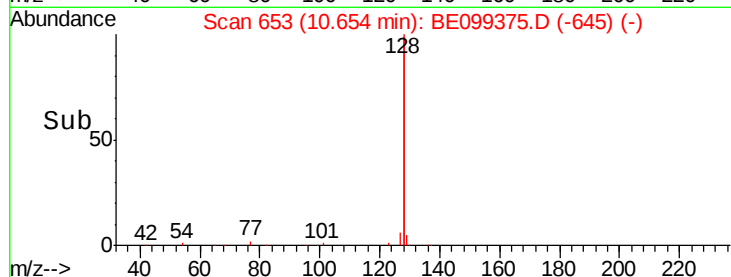
127 3.2 2.8 4.2



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: 0.872 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

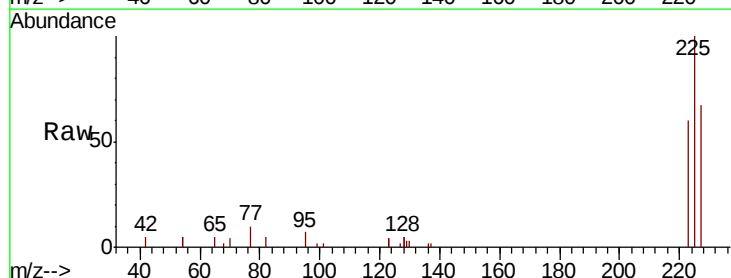
Tgt Ion:225 Resp: 5560

Ion Ratio Lower Upper

225 100

223 62.8 50.3 75.5

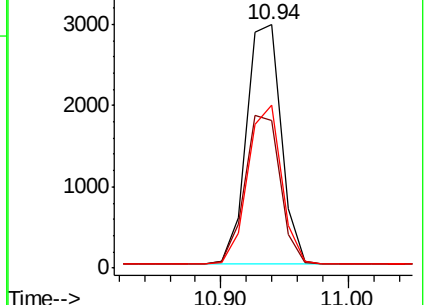
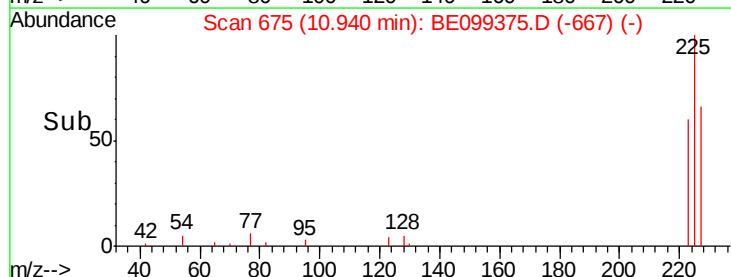
227 64.1 49.4 74.0

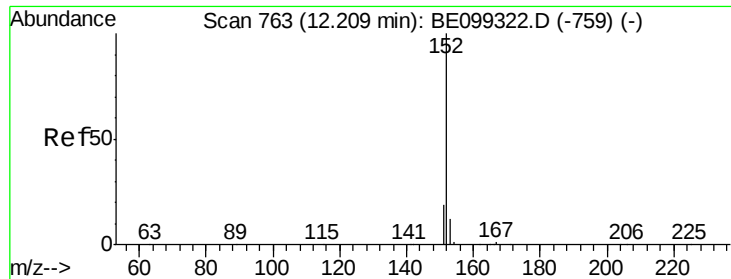


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

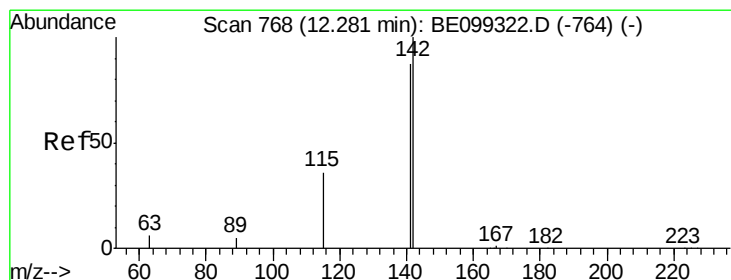
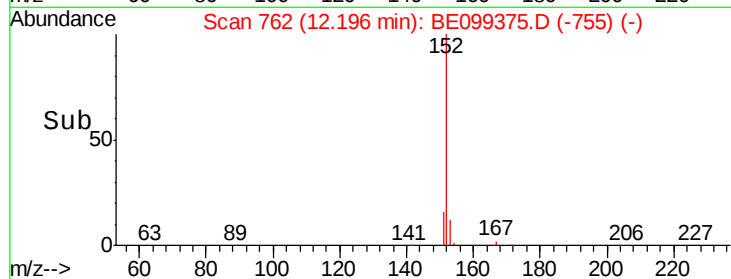
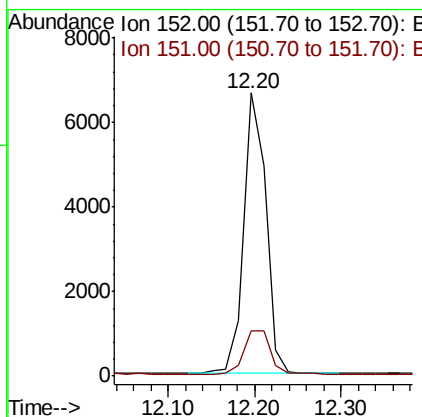
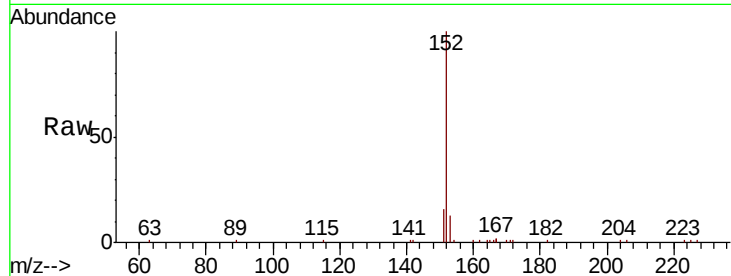




#11
 2-Methylnaphthalene-d10
 Concen: 0.725 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099375.D
 Acq: 26 Apr 2019 13:17

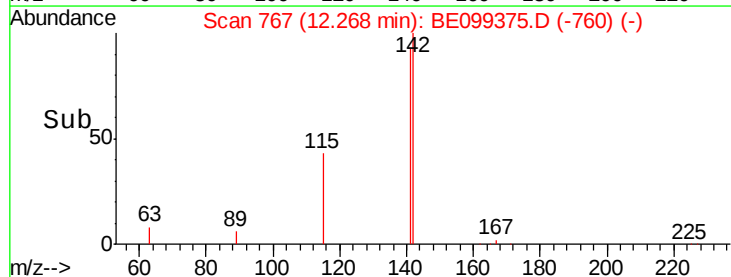
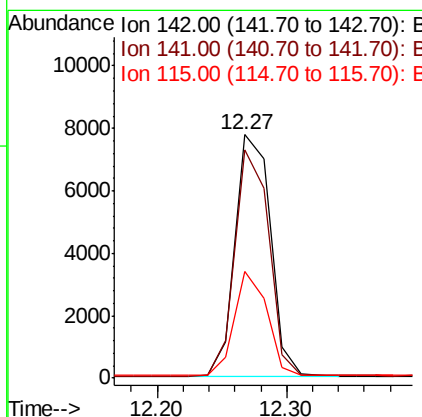
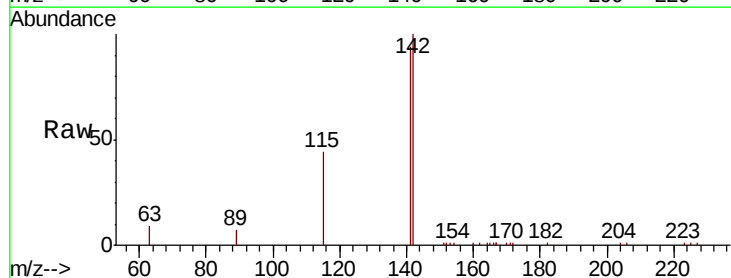
Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B031-042219

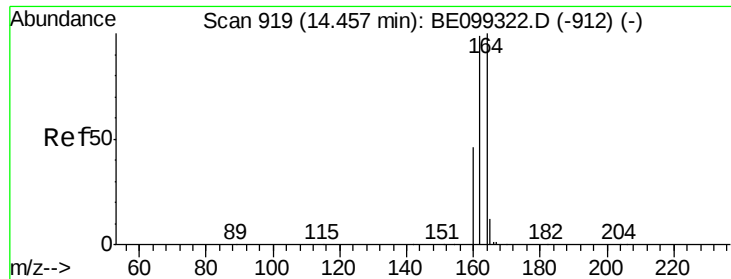
Tot Ion:152 Resp: 11779
 Ion Ratio Lower Upper
 152 100
 151 18.5 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.854 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE099375.D
 Acq: 26 Apr 2019 13:17

Tgt Ion:142 Resp: 14600
 Ion Ratio Lower Upper
 142 100
 141 93.7 72.0 108.0
 115 43.8 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

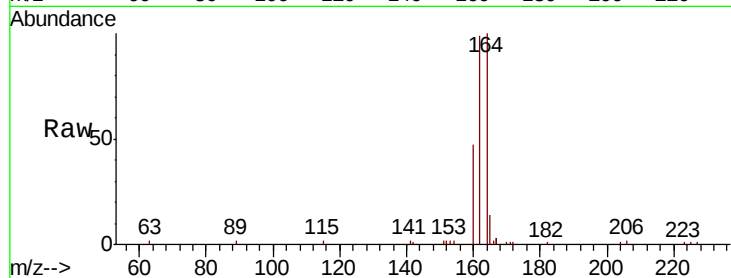
Tot Ion:164 Resp: 6472

Ion Ratio Lower Upper

164 100

162 98.7 77.8 116.6

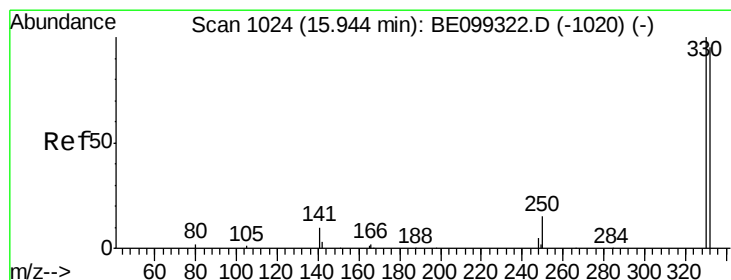
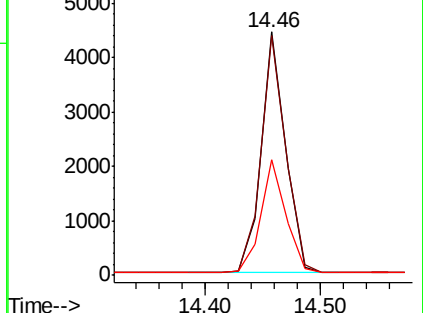
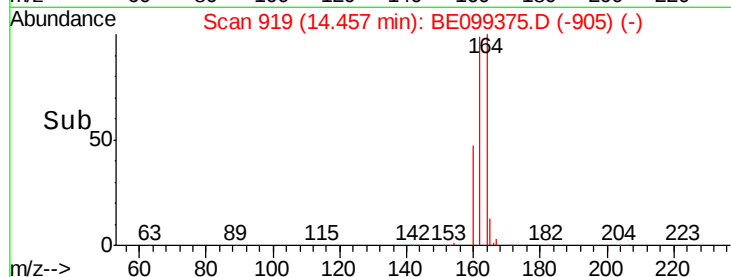
160 47.4 37.1 55.7



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: 3.966 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

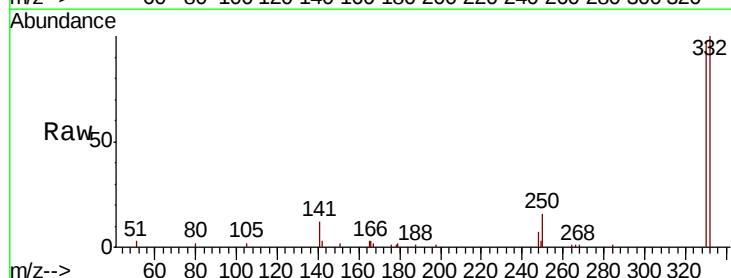
Tgt Ion:330 Resp: 8525

Ion Ratio Lower Upper

330 100

332 99.3 82.5 123.7

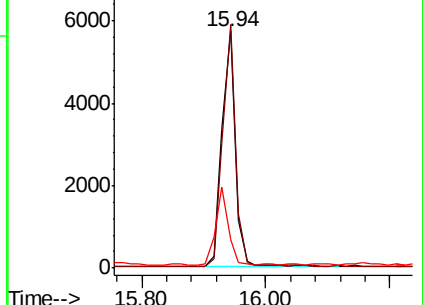
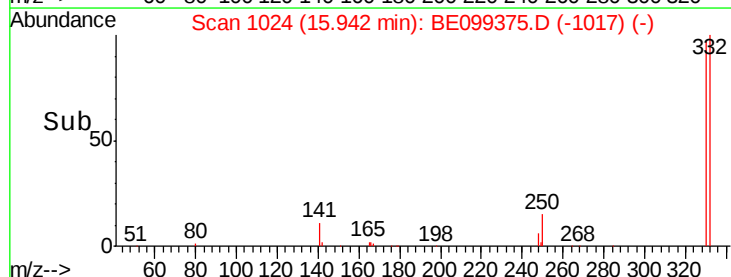
141 31.8 24.9 37.3

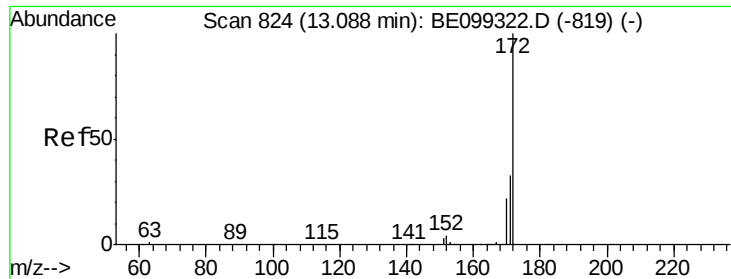


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

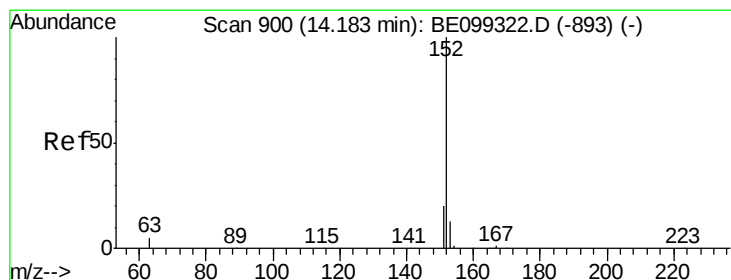
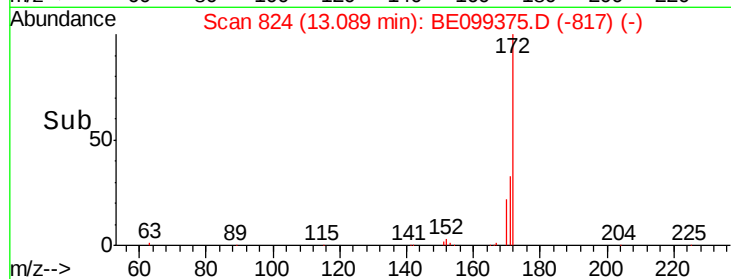
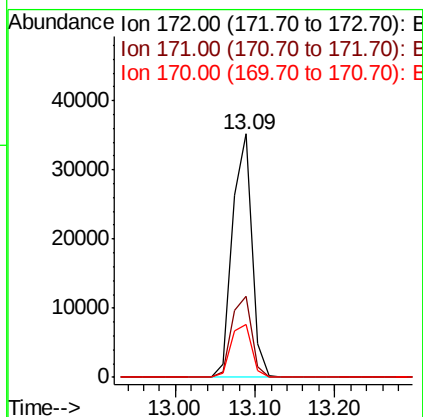
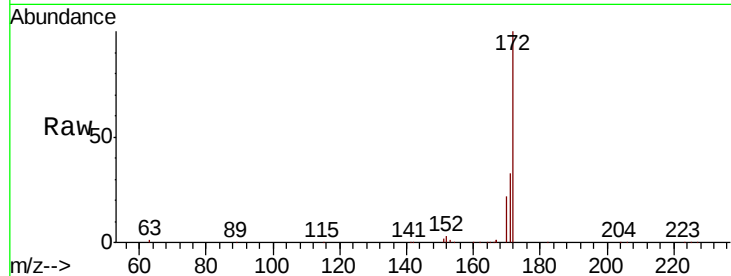




#15
2-Fluorobiphenyl
Concen: 2.326 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

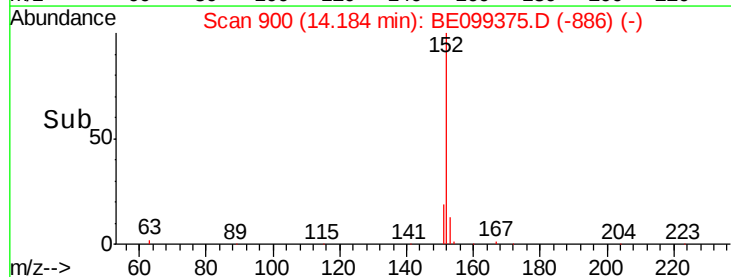
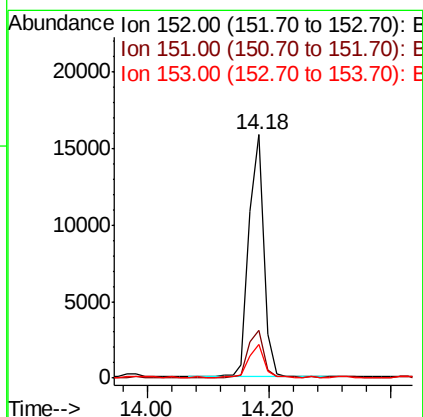
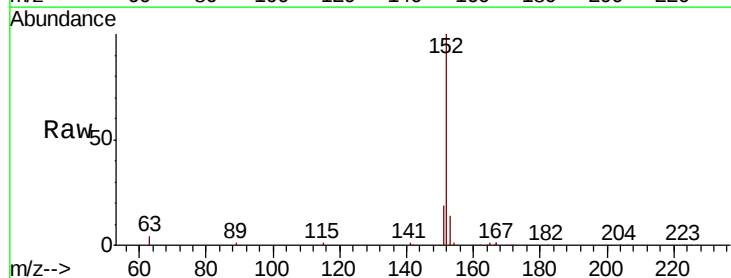
Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

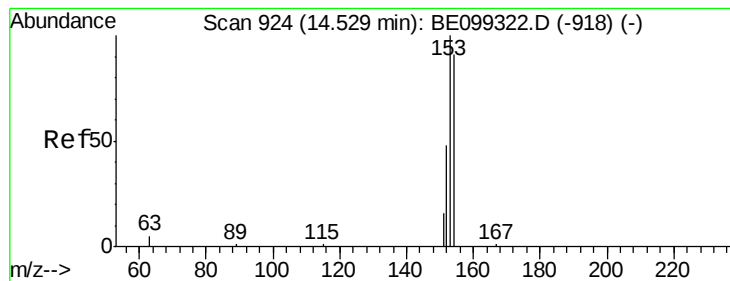
Tot Ion:172 Resp: 59182
Ion Ratio Lower Upper
172 100
171 33.2 26.2 39.2
170 21.6 18.1 27.1



#16
Acenaphthylene
Concen: 0.916 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:152 Resp: 26798
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.4 10.2 15.4





#17

Acenaphthene

Concen: 0.831 ng

RT: 14.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

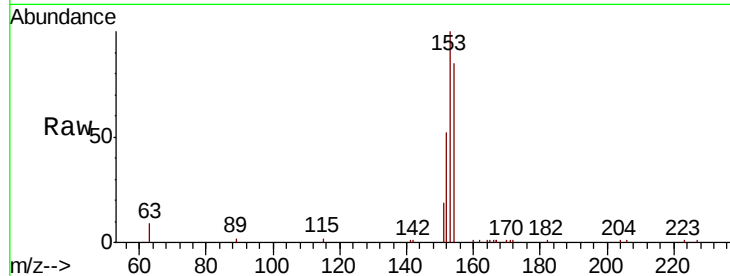
Tot Ion:154 Resp: 14986

Ion Ratio Lower Upper

154 100

153 115.5 94.7 142.1

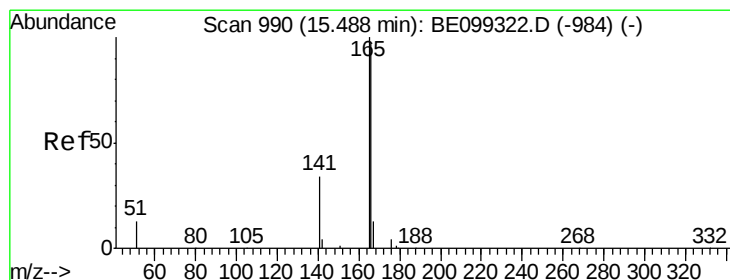
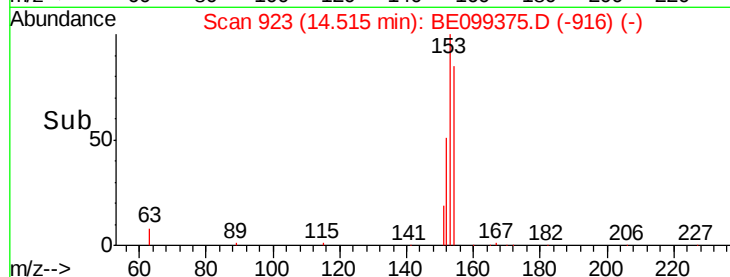
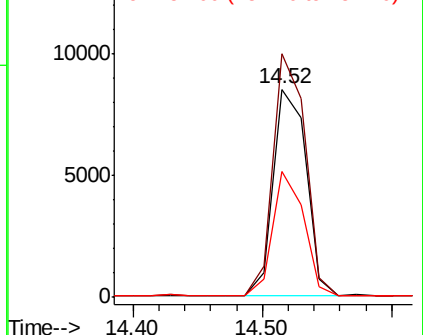
152 57.0 46.4 69.6



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: 0.831 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

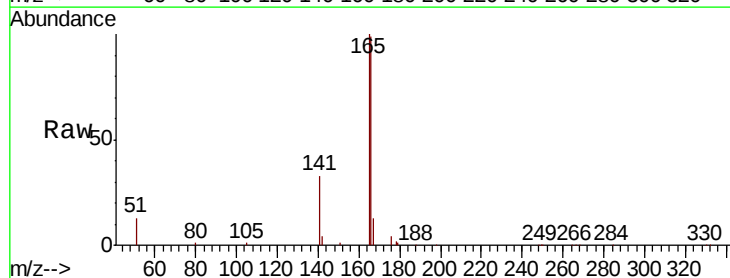
Tgt Ion:166 Resp: 21534

Ion Ratio Lower Upper

166 100

165 98.8 79.7 119.5

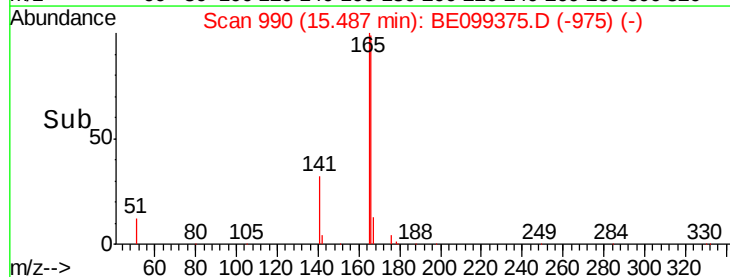
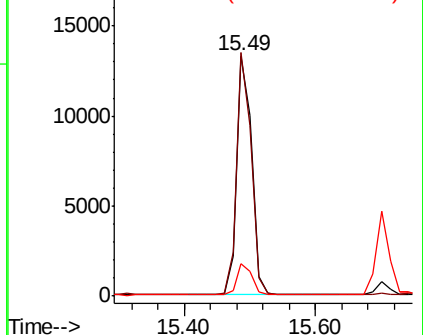
167 13.2 11.0 16.4

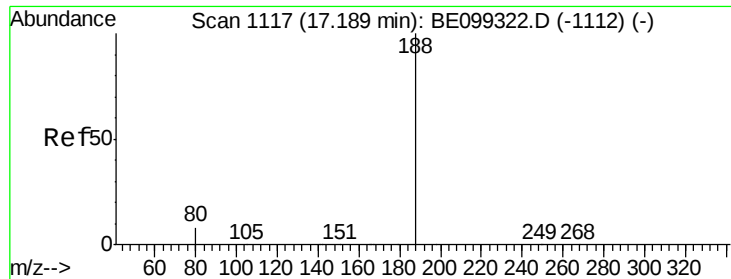


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

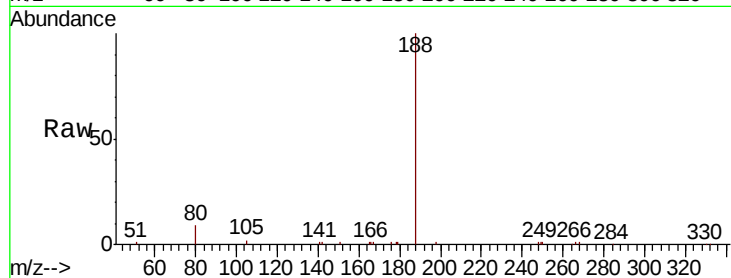
Tot Ion:188 Resp: 17688

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

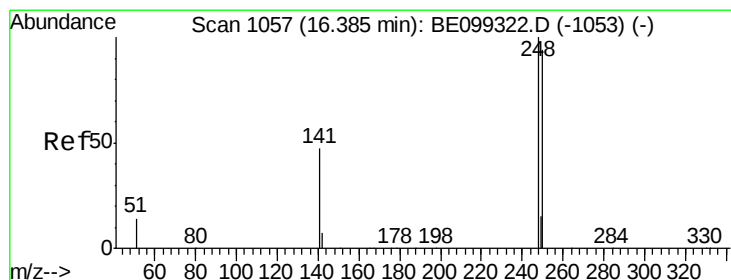
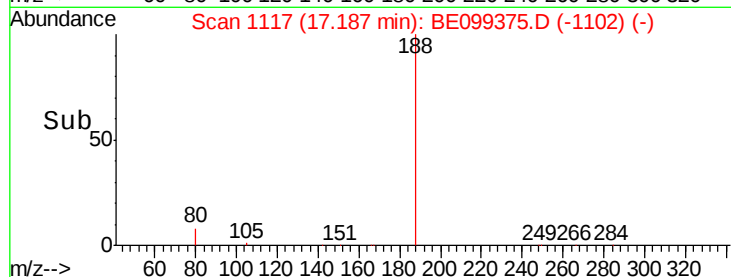
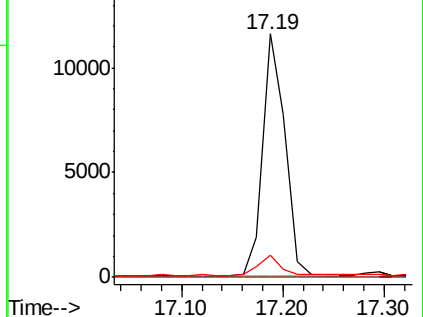
80 9.3 6.2 9.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.893 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

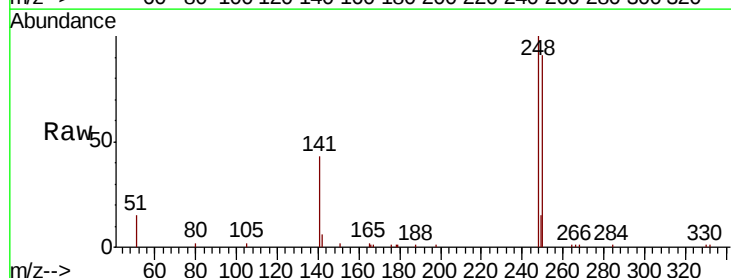
Tgt Ion:248 Resp: 8753

Ion Ratio Lower Upper

248 100

250 91.4 77.0 115.6

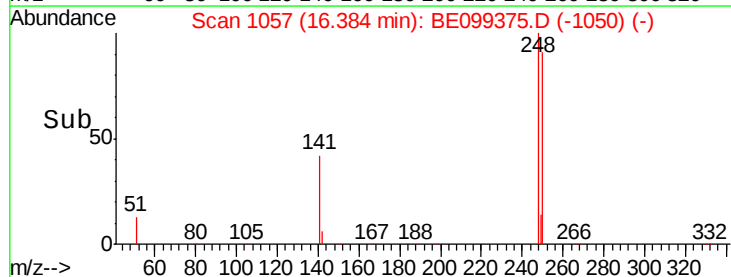
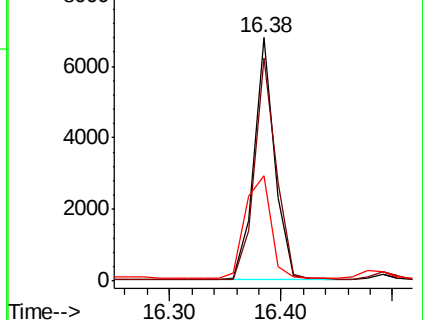
141 43.1 31.1 46.7

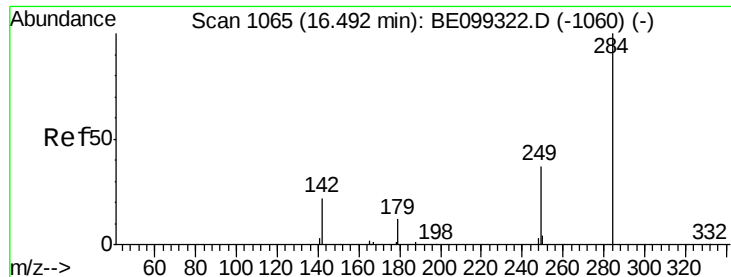


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

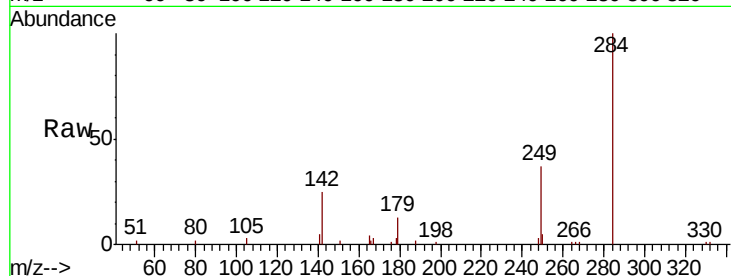




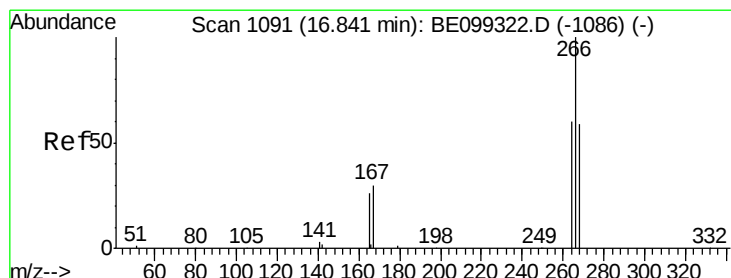
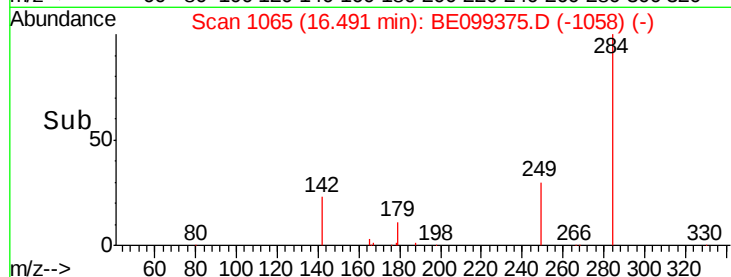
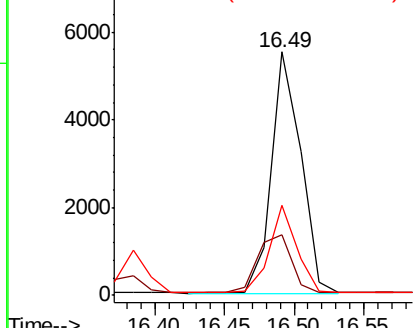
#21
Hexachlorobenzene
Concen: 0.859 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

Tot Ion:284 Resp: 8089
Ion Ratio Lower Upper
284 100
142 27.8 21.8 32.6
249 33.7 26.2 39.4

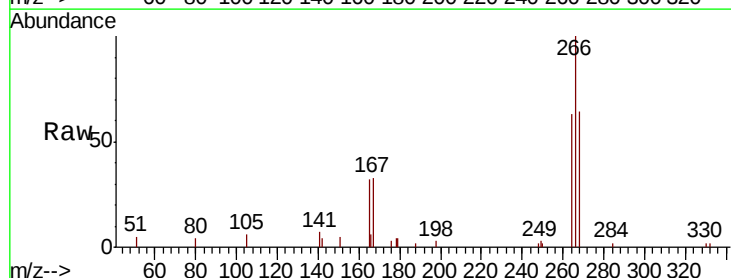


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

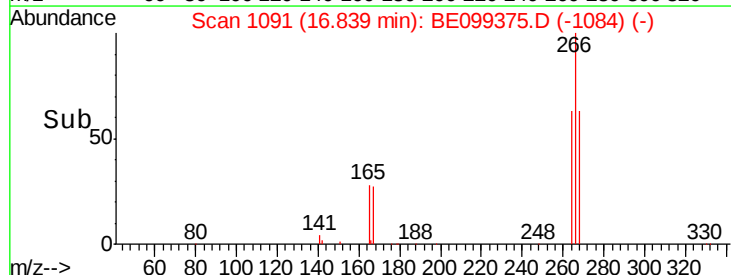
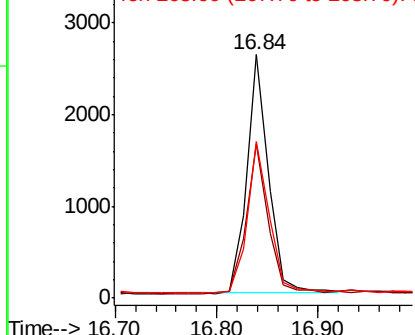


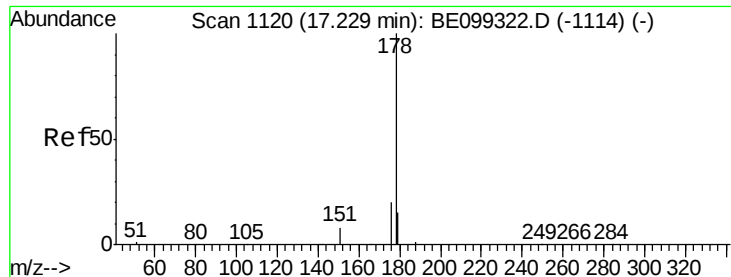
#22
Pentachlorophenol
Concen: 1.248 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:266 Resp: 3908
Ion Ratio Lower Upper
266 100
264 63.3 54.5 81.7
268 64.4 54.3 81.5



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: 0.927 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

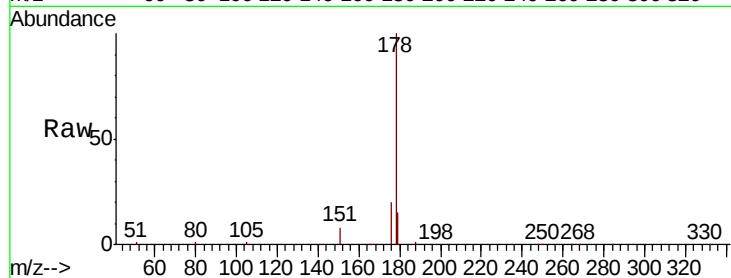
Tot Ion:178 Resp: 43434

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

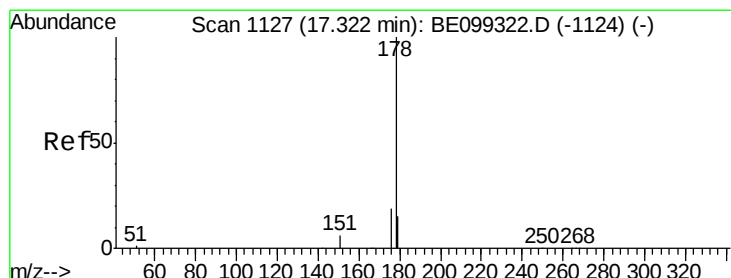
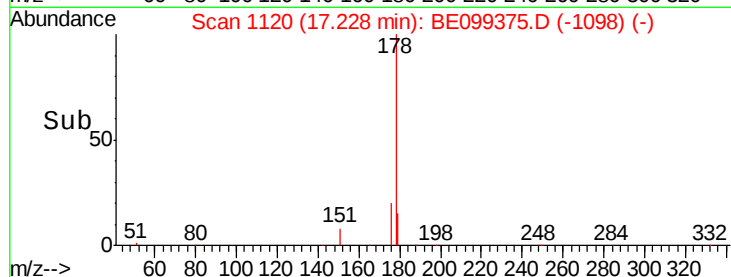
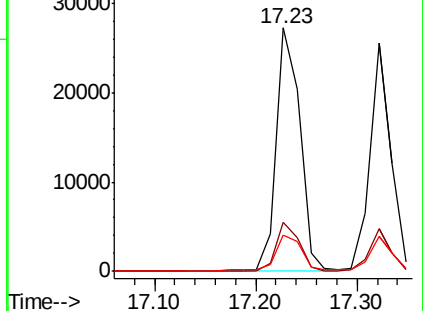
179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.868 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

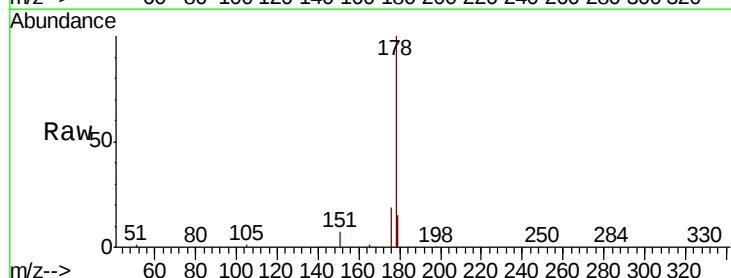
Tgt Ion:178 Resp: 36171

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

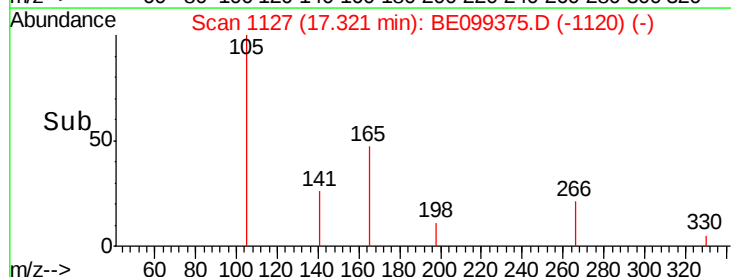
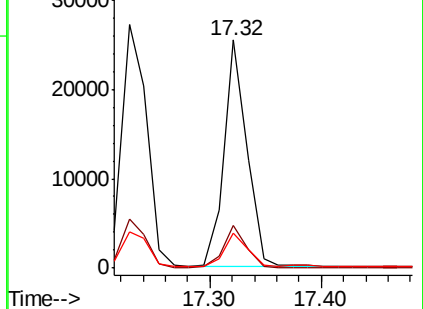
179 15.1 11.9 17.9

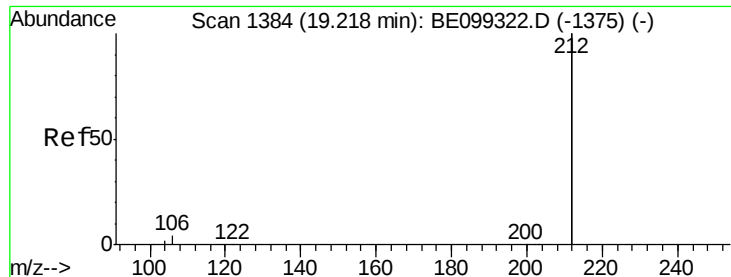


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.659 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

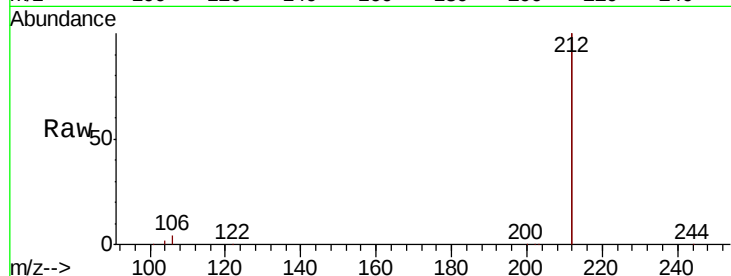
Tot Ion:212 Resp: 139971

Ion Ratio Lower Upper

212 100

106 1.9 1.8 2.6

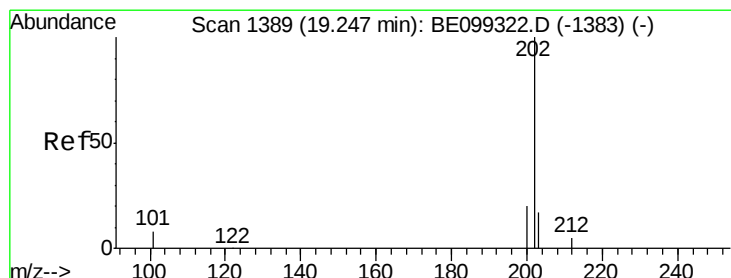
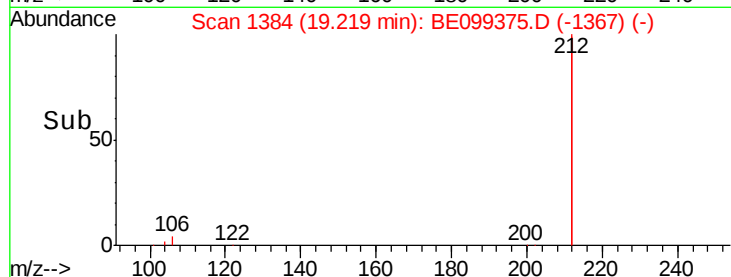
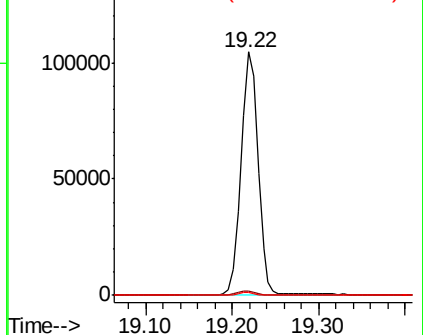
104 1.2 1.0 1.4



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: 1.151 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

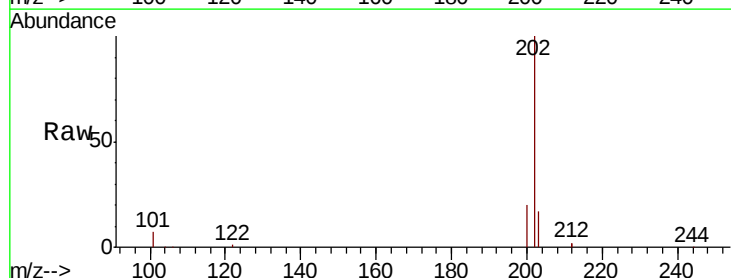
Tgt Ion:202 Resp: 72132

Ion Ratio Lower Upper

202 100

101 7.1 6.4 9.6

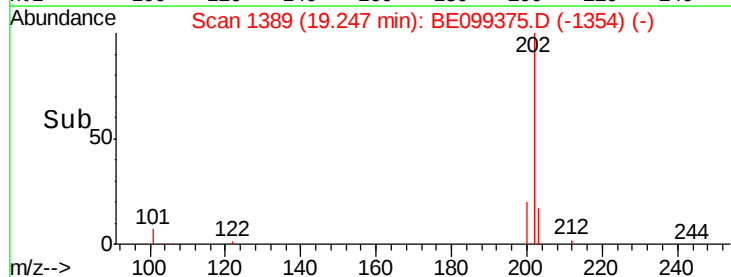
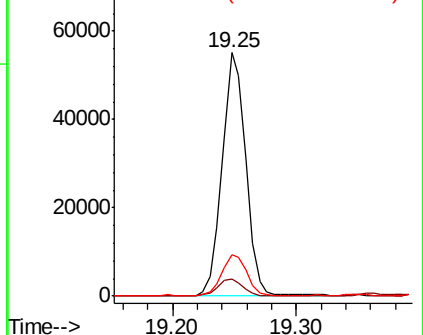
203 17.4 13.5 20.3

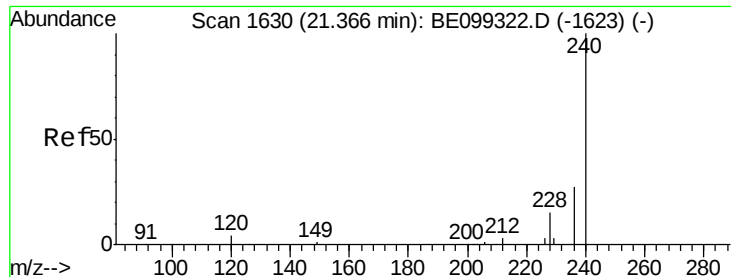


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

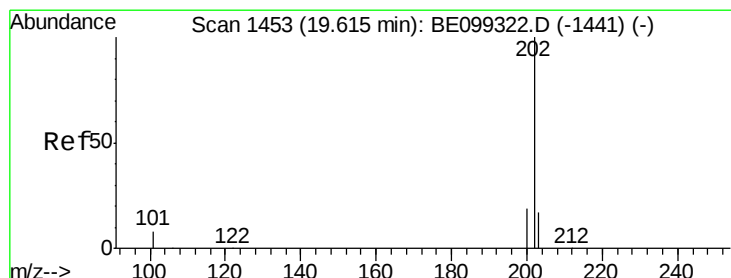
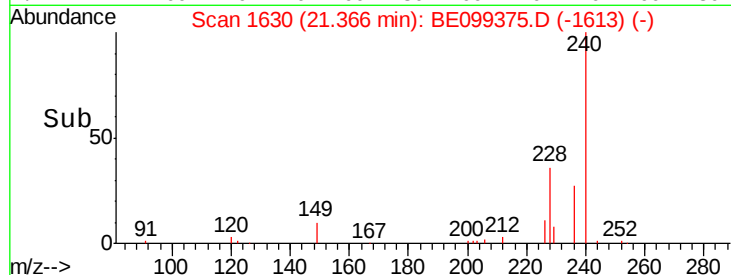
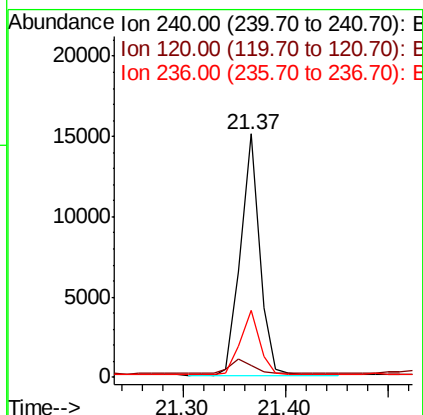
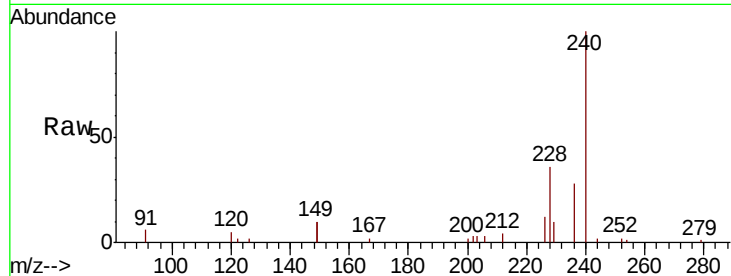




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

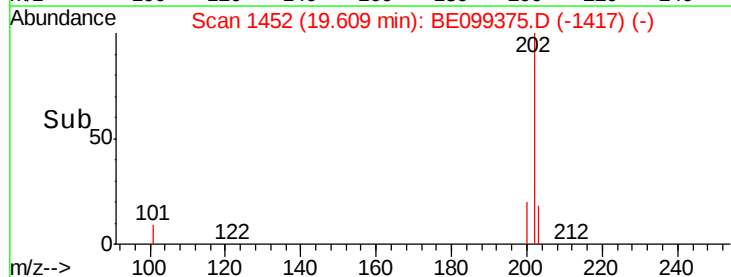
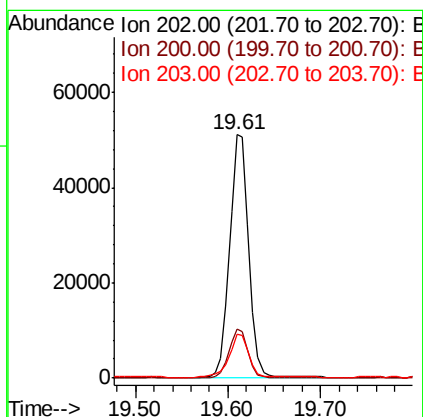
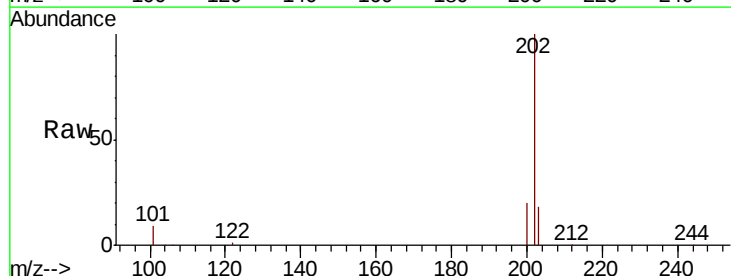
Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

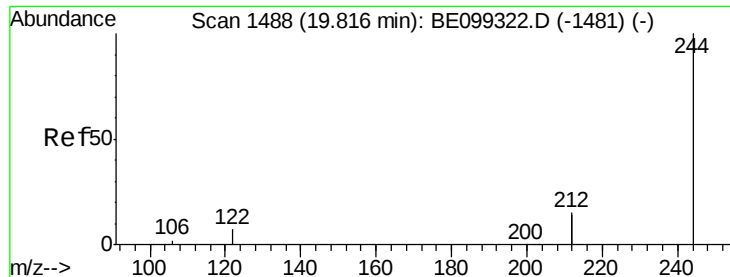
Tot Ion:240 Resp: 19475
Ion Ratio Lower Upper
240 100
120 4.7 2.2 3.2#
236 27.7 20.2 30.4



#28
Pyrene
Concen: 1.263 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099375.D
Acq: 26 Apr 2019 13:17

Tgt Ion:202 Resp: 72439
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 18.5 13.7 20.5





#29

Terphenyl-d14

Concen: 2.628 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

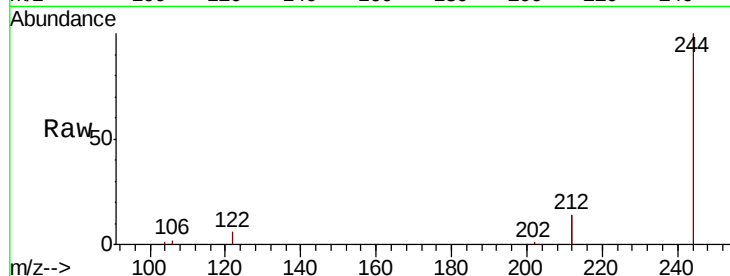
Tot Ion:244 Resp: 100752

Ion Ratio Lower Upper

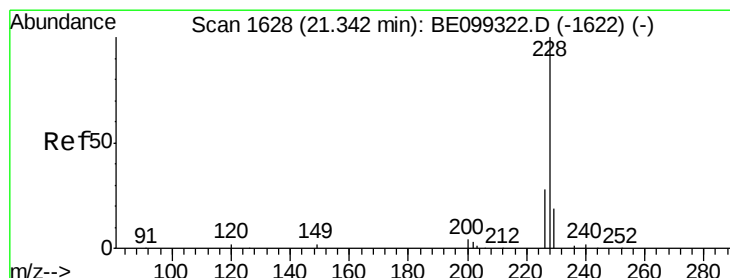
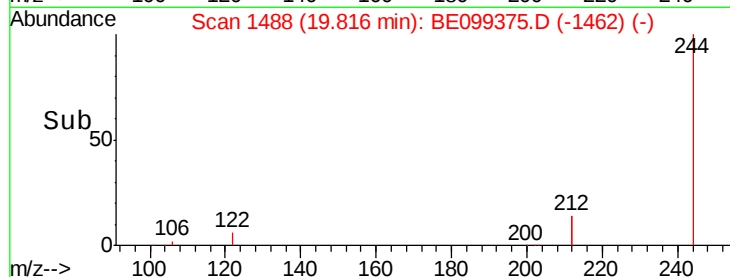
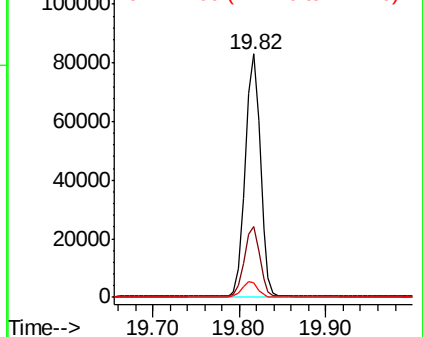
244 100

212 28.8 22.6 33.8

122 5.9 4.6 7.0



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: 1.176 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

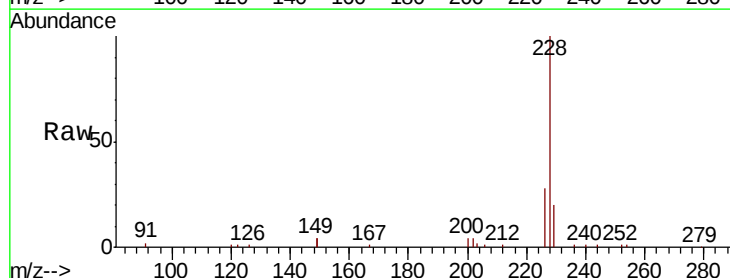
Tgt Ion:228 Resp: 67326

Ion Ratio Lower Upper

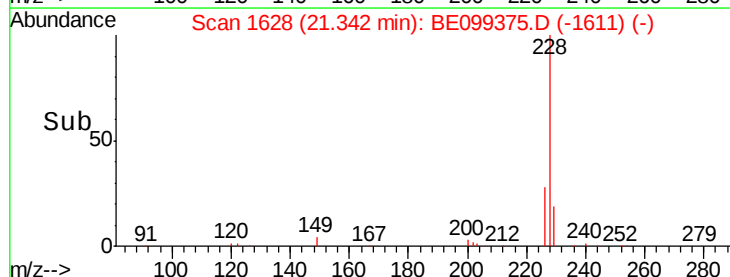
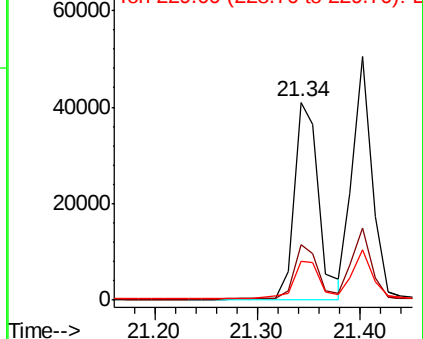
228 100

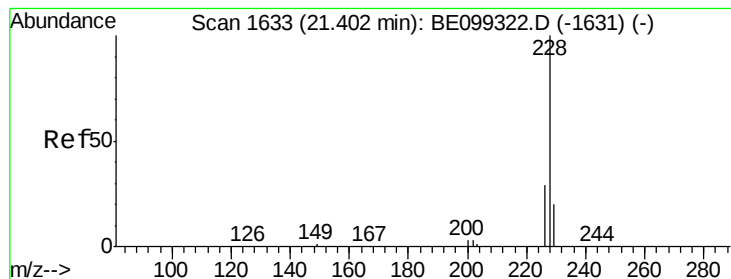
226 28.1 22.0 33.0

229 19.5 15.8 23.8



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: 1.082 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

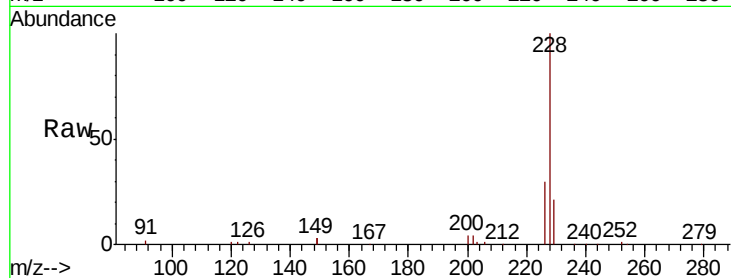
Tot Ion:228 Resp: 65948

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

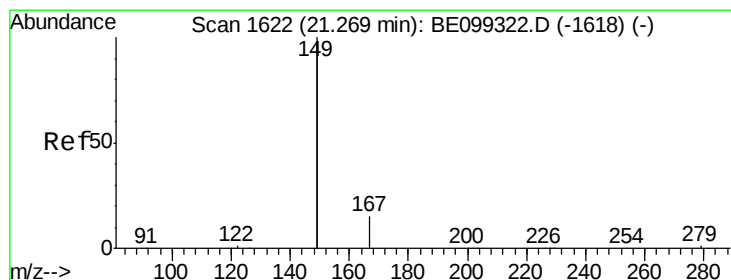
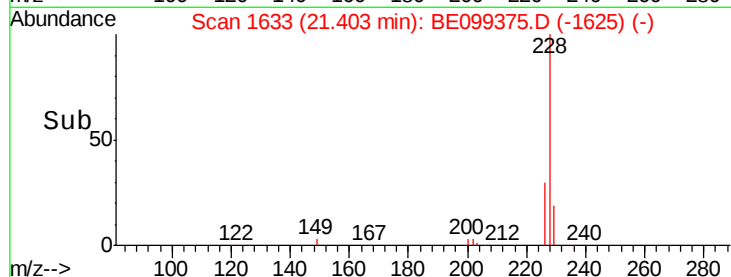
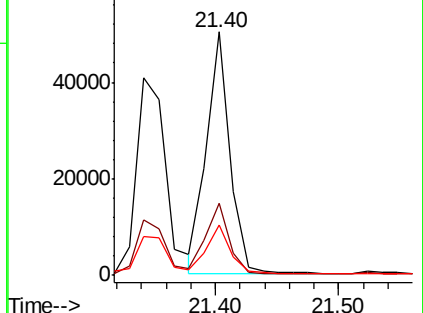
229 20.5 16.2 24.2



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: 1.873 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

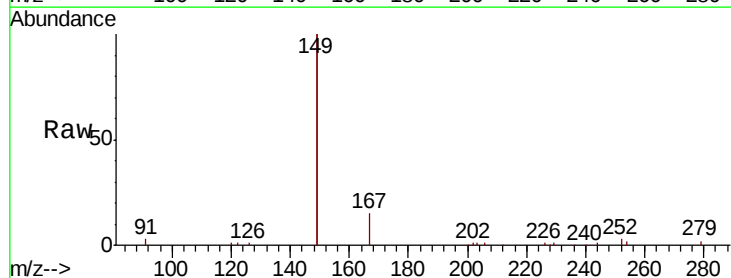
Tgt Ion:149 Resp: 97581

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

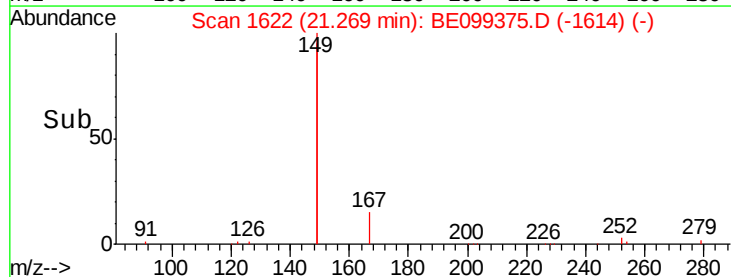
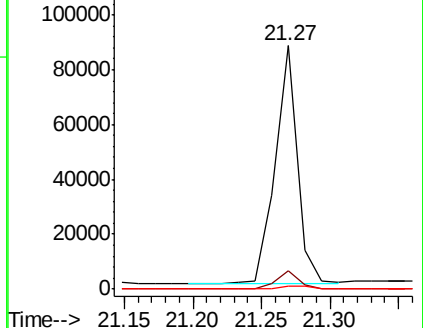
279 1.5 1.1 1.7

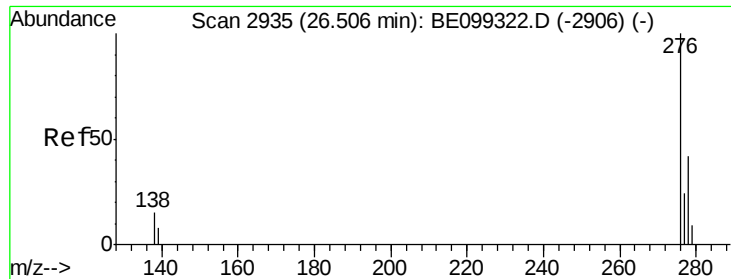


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.131 ng

RT: 26.51 min Scan# 2935

Delta R.T. 0.01 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

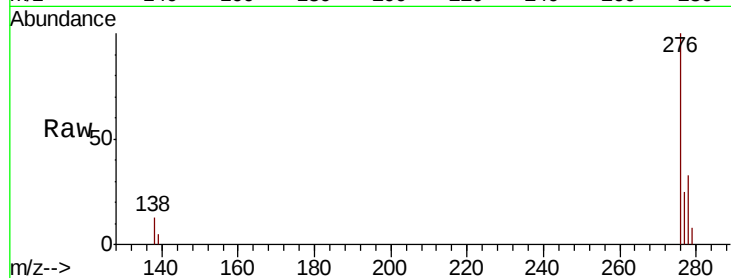
Tot Ion:276 Resp: 68032

Ion Ratio Lower Upper

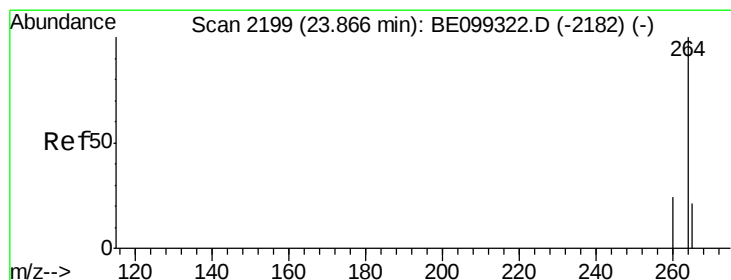
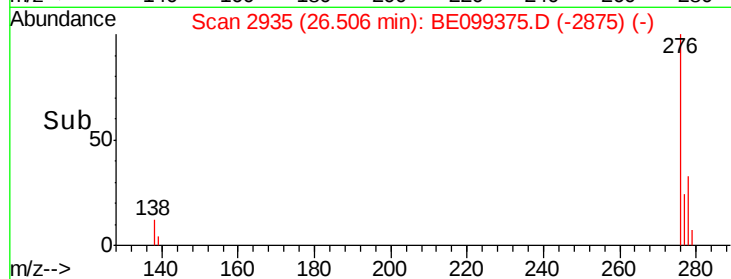
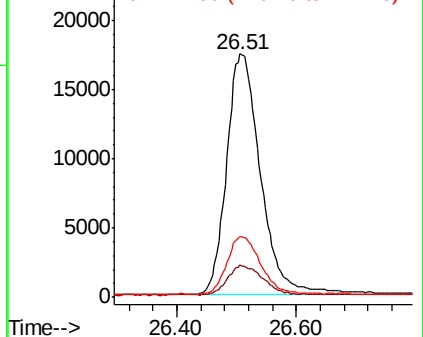
276 100

138 12.9 12.7 19.1

277 23.7 19.6 29.4



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: 23.87 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

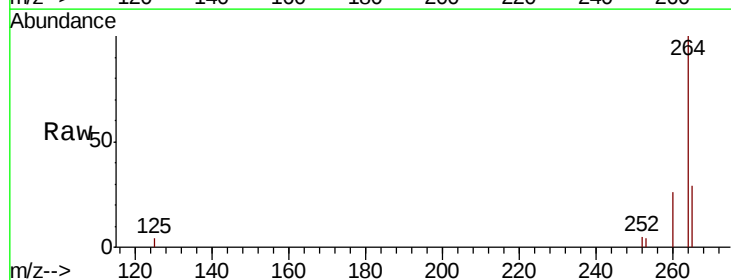
Tgt Ion:264 Resp: 21458

Ion Ratio Lower Upper

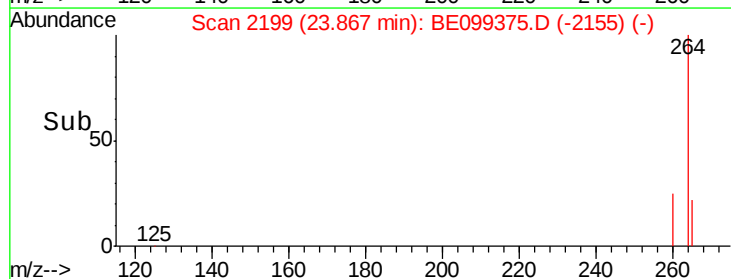
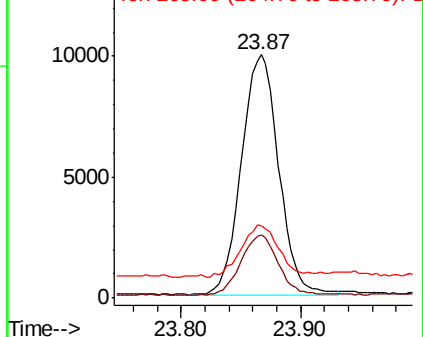
264 100

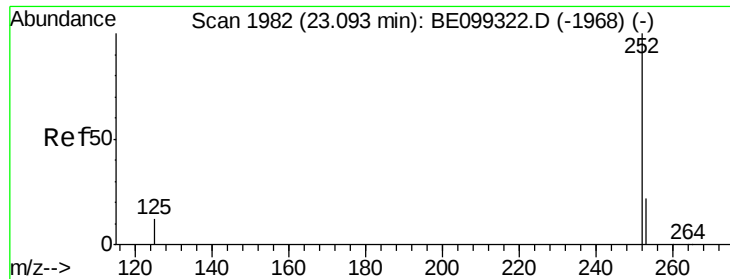
260 26.1 20.1 30.1

265 29.5 19.9 29.9



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: 0.869 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.06 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

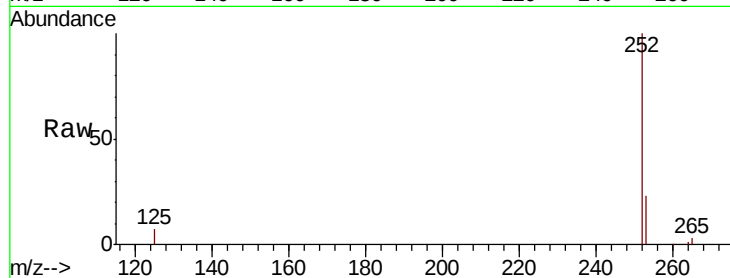
Tot Ion:252 Resp: 57084

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

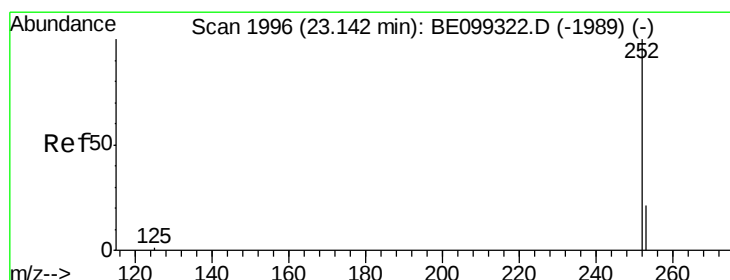
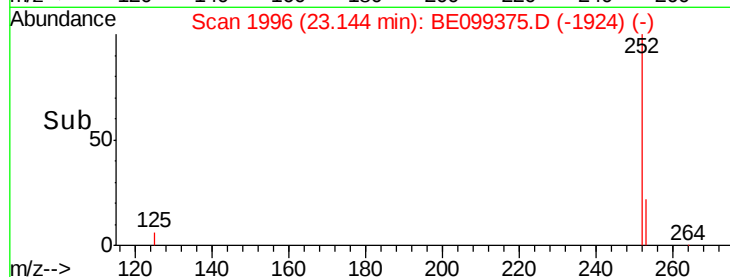
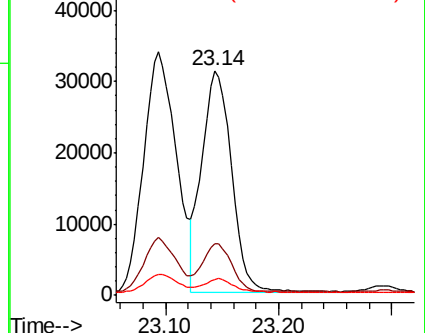
125 7.3 5.8 8.6



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



#36

Benzo(k)fluoranthene

Concen: 0.878 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

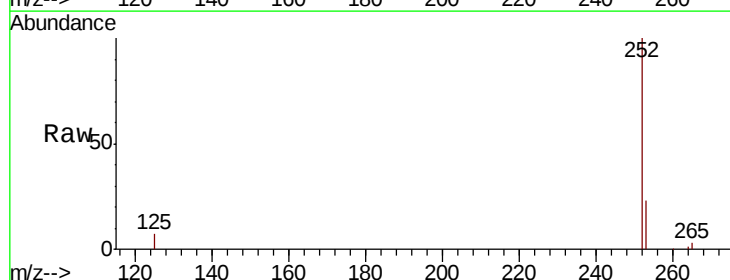
Tgt Ion:252 Resp: 57503

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

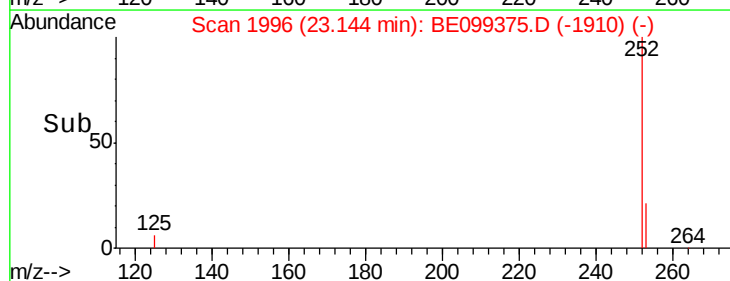
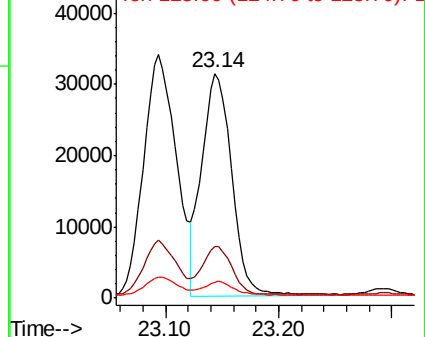
125 7.3 5.4 8.0

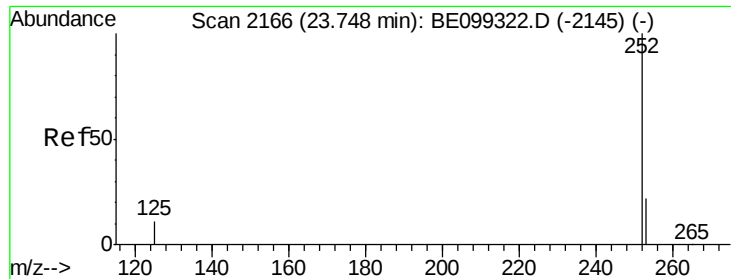


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.008 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

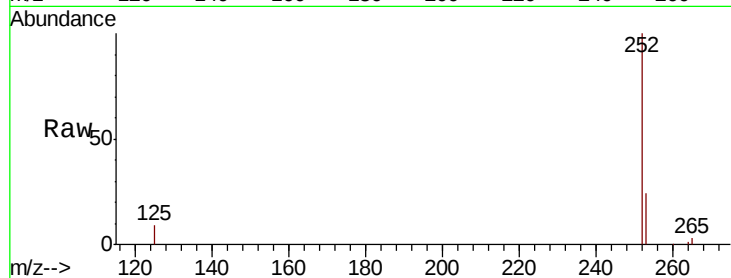
Tot Ion:252 Resp: 59320

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 8.5 6.5 9.7

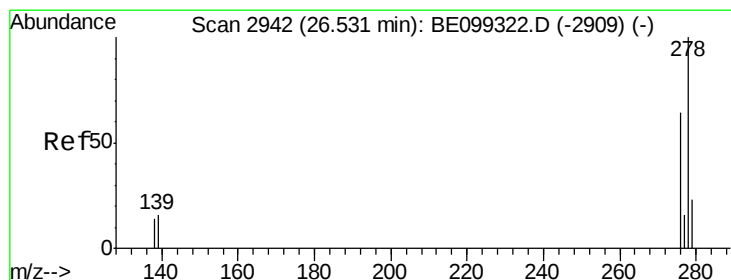
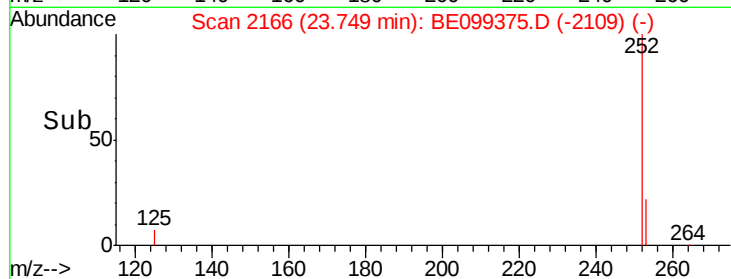
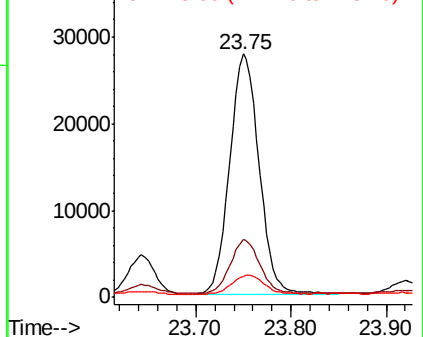


Abundance

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: 0.824 ng

RT: 26.53 min Scan# 2942

Delta R.T. 0.01 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

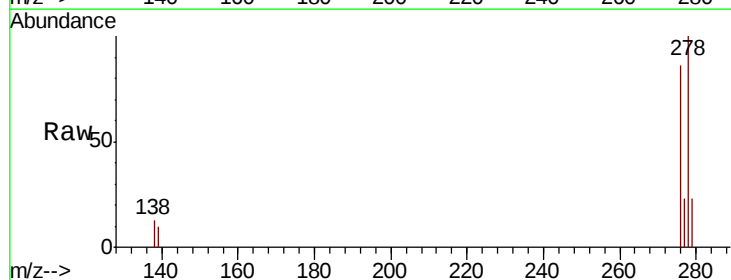
Tgt Ion:278 Resp: 49563

Ion Ratio Lower Upper

278 100

139 10.0 8.5 12.7

279 23.5 19.8 29.8

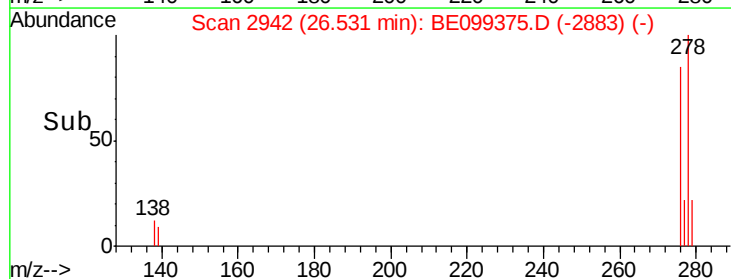
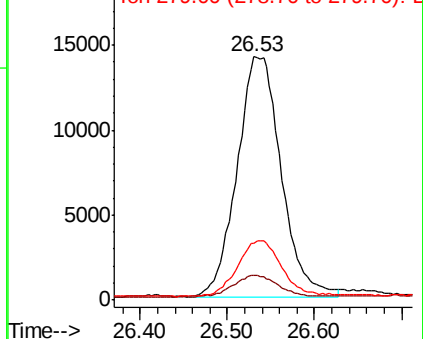


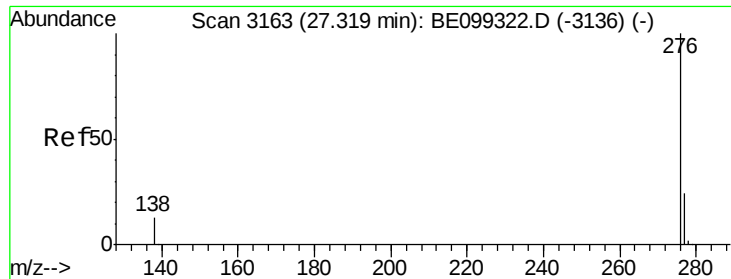
Abundance

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: 0.926 ng

RT: 27.32 min Scan# 3164

Delta R.T. 0.02 min

Lab File: BE099375.D

Acq: 26 Apr 2019 13:17

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

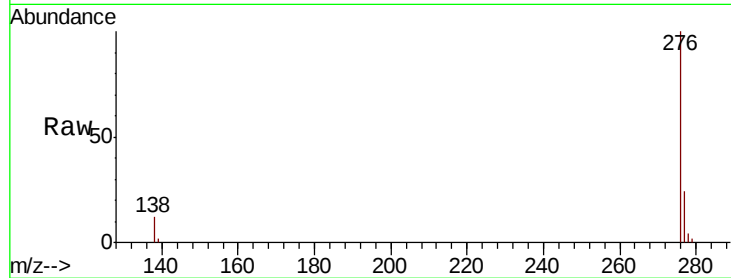
Tot Ion: 276 Resp: 56485

Ion Ratio Lower Upper

276 100

277 23.9 20.0 30.0

138 12.3 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

