

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099487.D
 Acq On : 2 May 2019 5:47
 Operator : JU/SJ
 Sample : K2569-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-023-SW028-042319

Quant Time: May 02 07:45:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2196	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8635	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6792	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19997	0.40	ng	0.00
27) Chrysene-d12	21.37	240	23392	0.40	ng	0.00
34) Perylene-d12	23.87	264	27247	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1645	0.27	ng	0.00
5) Phenol-d6	6.97	99	2466	0.31	ng	0.00
8) Nitrobenzene-d5	8.96	82	2055	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	3827	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1022	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	5797	0.22	ng	-0.02
25) Fluoranthene-d10	19.22	212	54470	0.20	ng	0.00
29) Terphenyl-d14	19.81	244	11375	0.27	ng	0.00

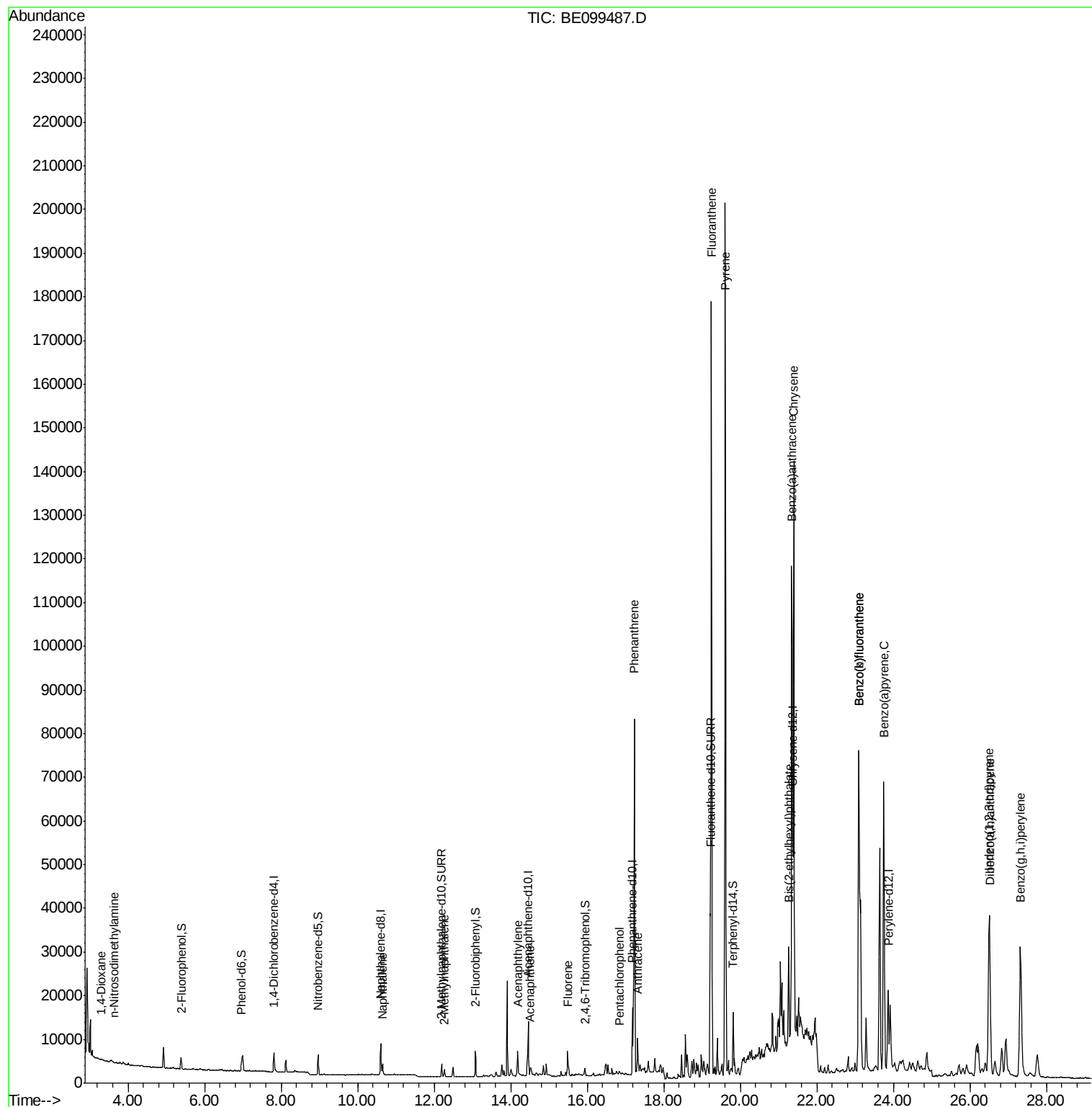
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	99	0.033	ng	# 1
3) n-Nitrosodimethylamine	3.63	42	77	0.042	ng	# 1
9) Naphthalene	10.65	128	4264	0.045	ng	# 95
12) 2-Methylnaphthalene	12.27	142	1181	0.072	ng	97
16) Acenaphthylene	14.18	152	8378	0.252	ng	97
17) Acenaphthene	14.51	154	973	0.051	ng	93
18) Fluorene	15.49	166	4798	0.171	ng	90
22) Pentachlorophenol	16.84	266	10	0.218	ng	# 60
23) Phenanthrene	17.23	178	82614	1.601	ng	100
24) Anthracene	17.32	178	8243	0.168	ng	97
26) Fluoranthene	19.25	202	156350	2.023	ng	99
28) Pyrene	19.61	202	187009	3.067	ng	96
30) Benzo(a)anthracene	21.34	228	103852	1.393	ng	97
31) Chrysene	21.40	228	127881	1.753	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	29533	0.209	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	74371	0.863	ng	97
35) Benzo(b)fluoranthene	23.10	252	148332	1.888	ng	98
36) Benzo(k)fluoranthene	23.10	252	148332	1.958	ng	99
37) Benzo(a)pyrene	23.75	252	103657	1.396	ng	98
38) Dibenzo(a,h)anthracene	26.52	278	19971	0.263	ng	# 92
39) Benzo(g,h,i)perylene	27.32	276	78707	1.034	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

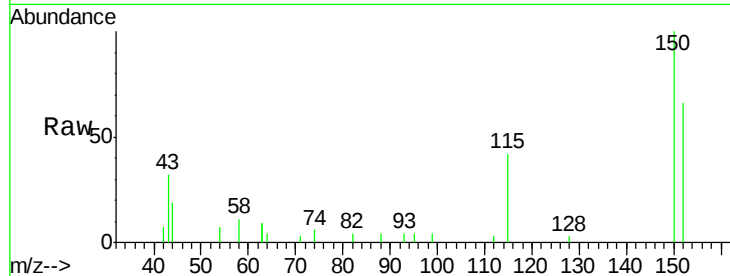
Tot Ion:152 Resp: 2196

Ion Ratio Lower Upper

152 100

150 151.0 104.8 157.2

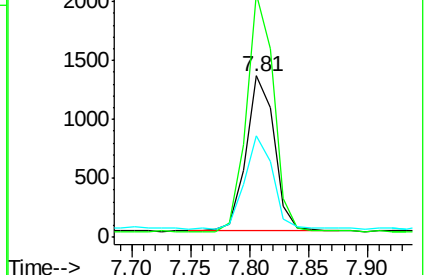
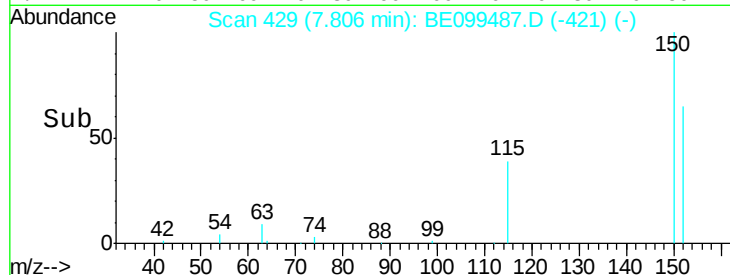
115 63.2 46.6 69.8



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: 0.033 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

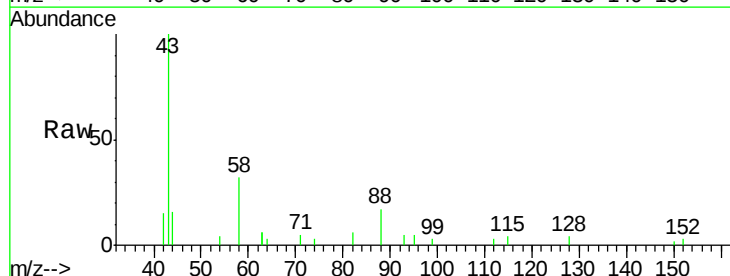
Tgt Ion: 88 Resp: 99

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

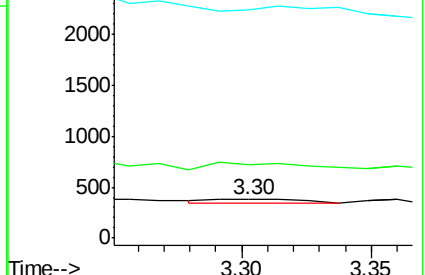
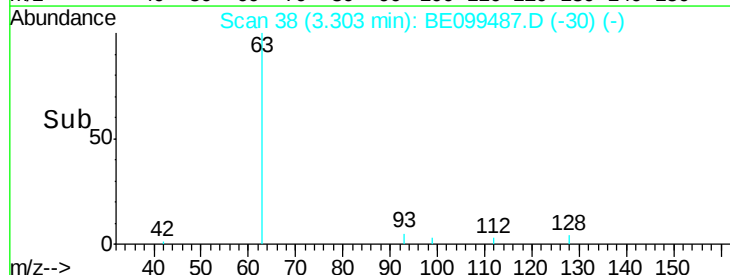
43 200.0 20.6 30.8#



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: 0.042 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

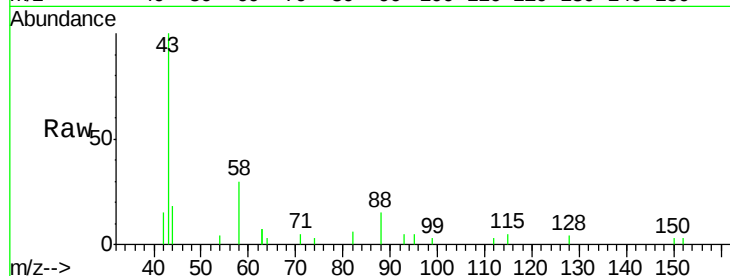
Tot Ion: 42 Resp: 77

Ion Ratio Lower Upper

42 100

74 0.0 141.6 212.4#

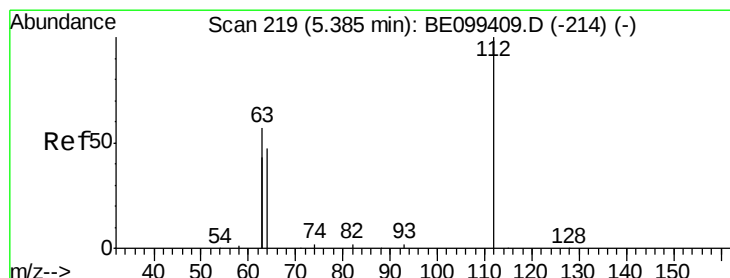
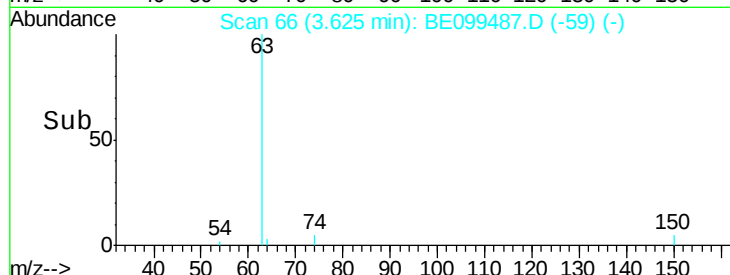
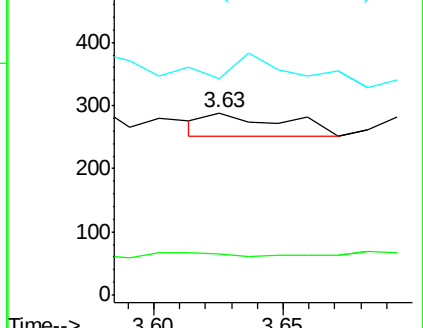
44 114.3 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.271 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

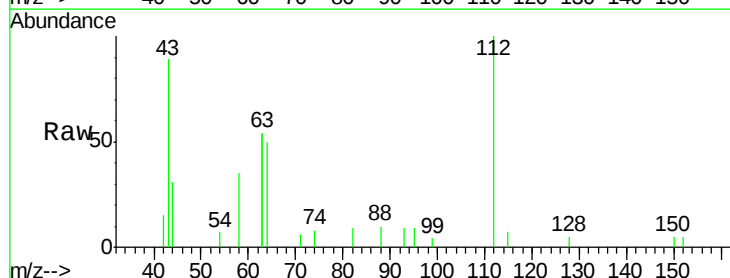
Tgt Ion: 112 Resp: 1645

Ion Ratio Lower Upper

112 100

64 58.1 47.4 71.0

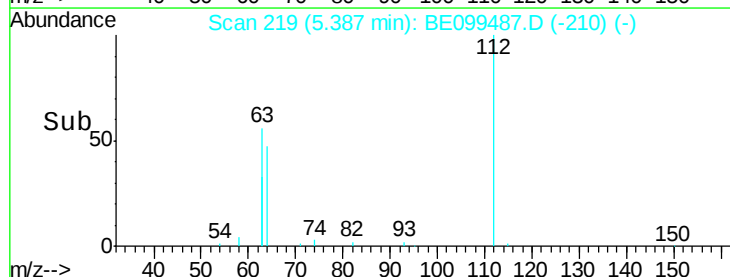
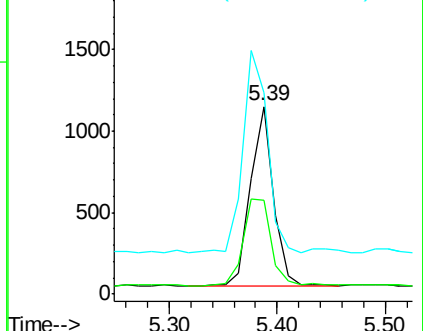
63 118.5 104.3 156.5

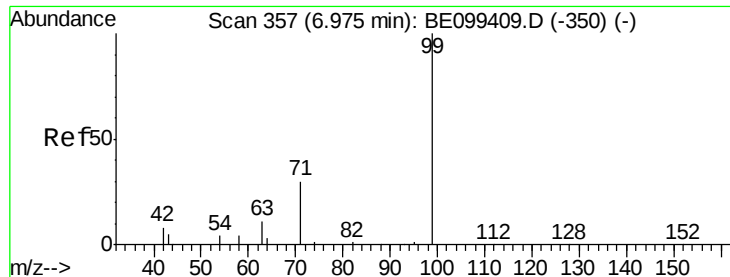


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.305 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

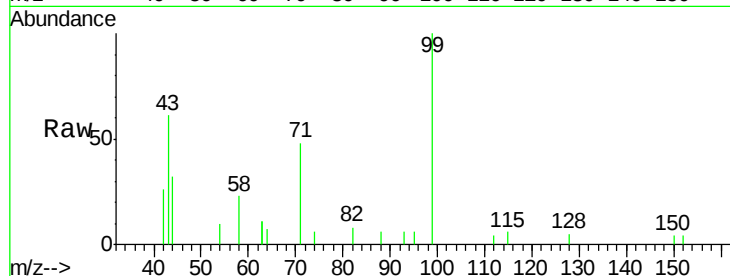
Tot Ion: 99 Resp: 2466

Ion Ratio Lower Upper

99 100

42 20.8 14.9 22.3

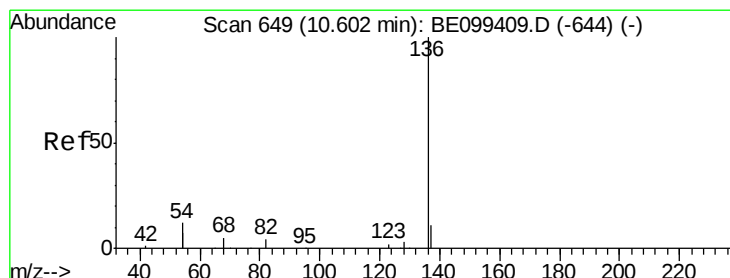
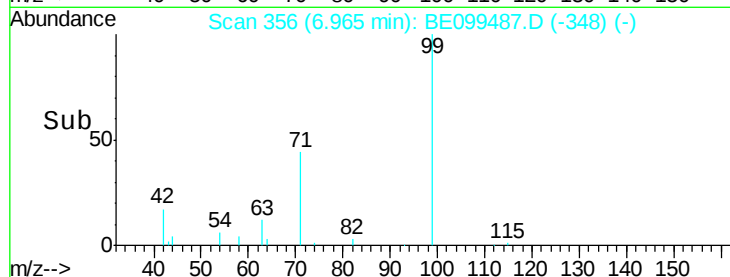
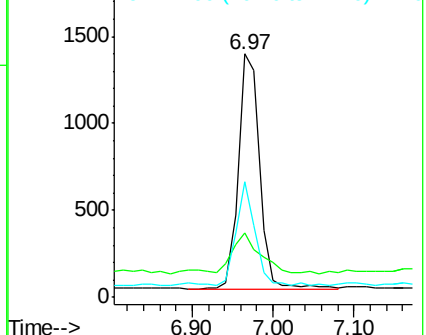
71 39.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Tgt Ion: 136 Resp: 8635

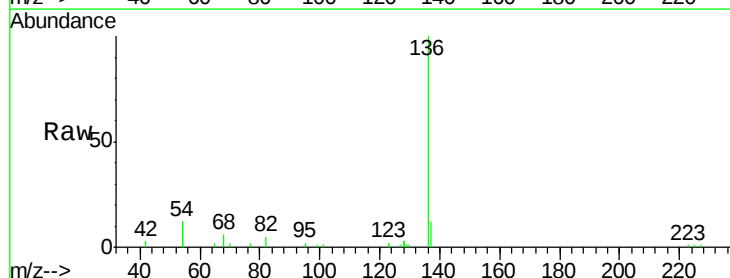
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 23.0 18.5 27.7

68 6.0 4.7 7.1

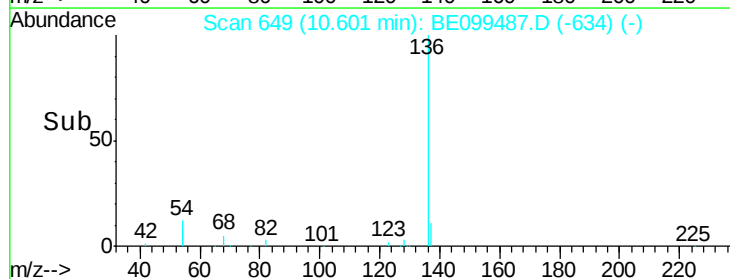
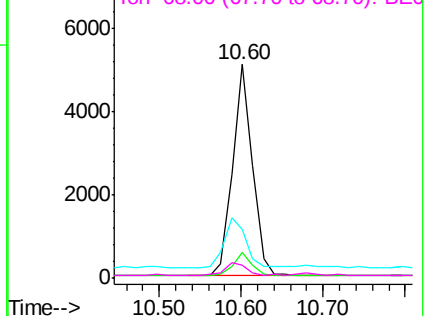


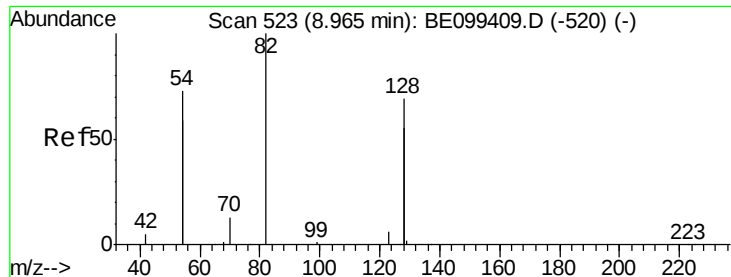
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.254 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

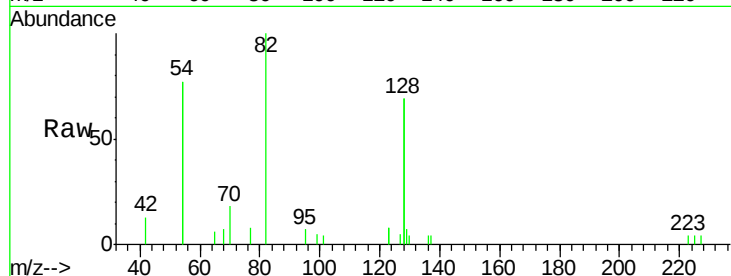
Tot Ion: 82 Resp: 2055

Ion Ratio Lower Upper

82 100

128 138.5 107.0 160.4

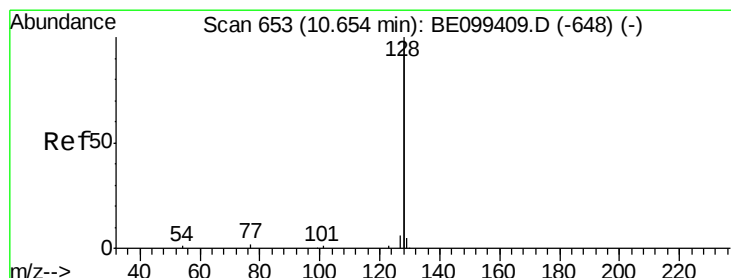
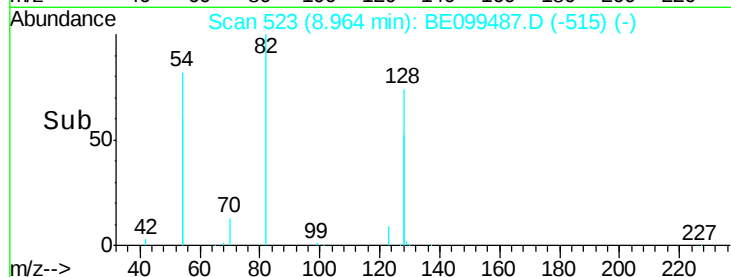
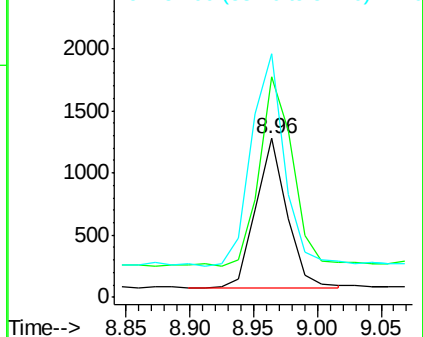
54 153.2 113.1 169.7



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.045 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

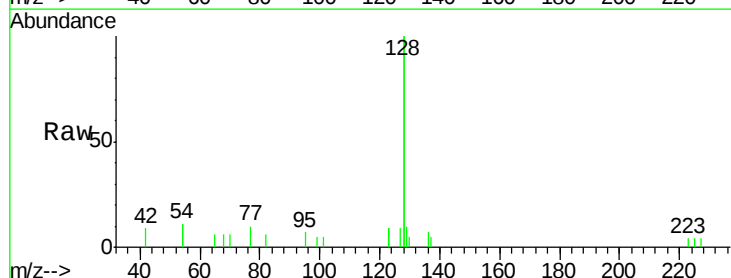
Tgt Ion: 128 Resp: 4264

Ion Ratio Lower Upper

128 100

129 4.9 2.4 3.6#

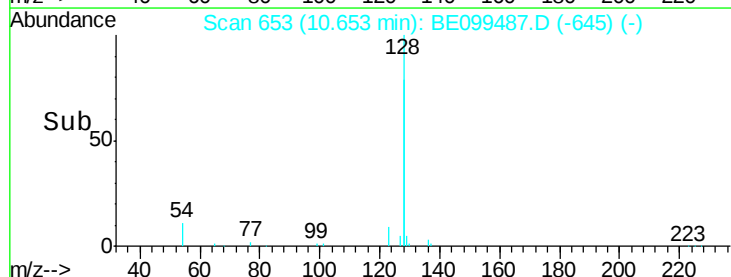
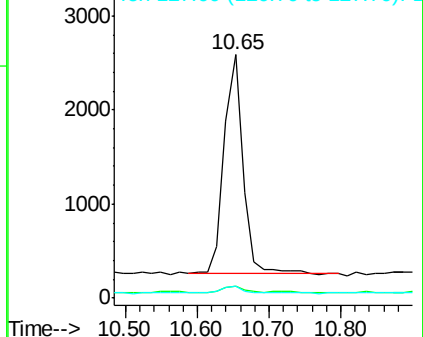
127 4.7 2.8 4.2#

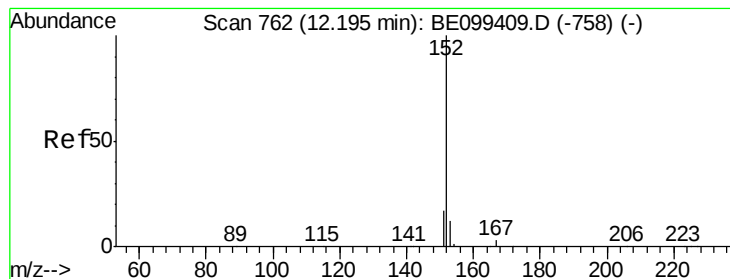


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.246 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

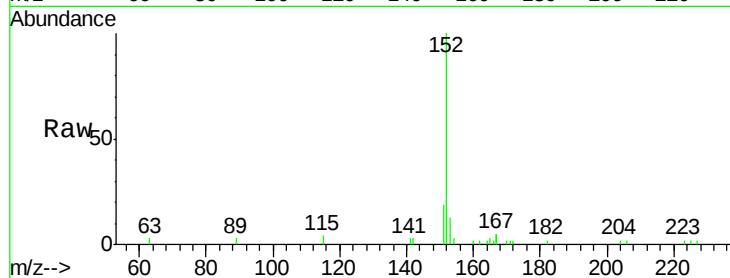
PST-023-SW028-042319

Tot Ion:152 Resp: 3827

Ion Ratio Lower Upper

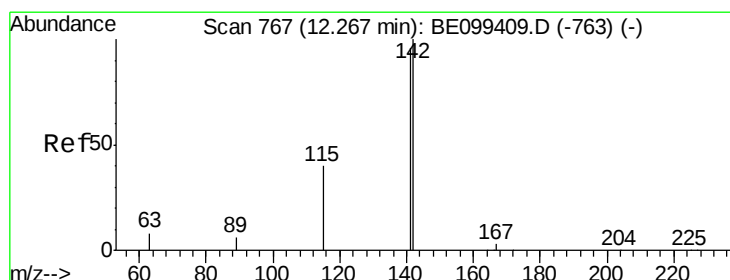
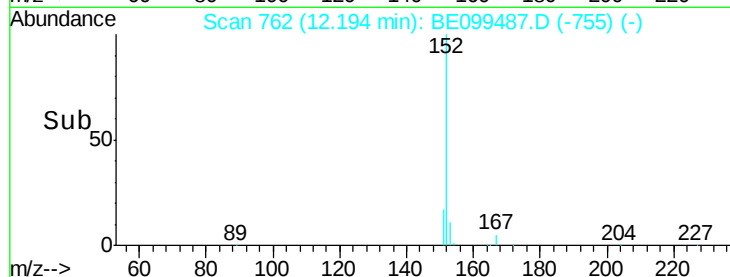
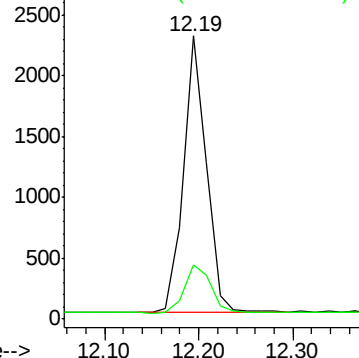
152 100

151 20.0 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.072 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

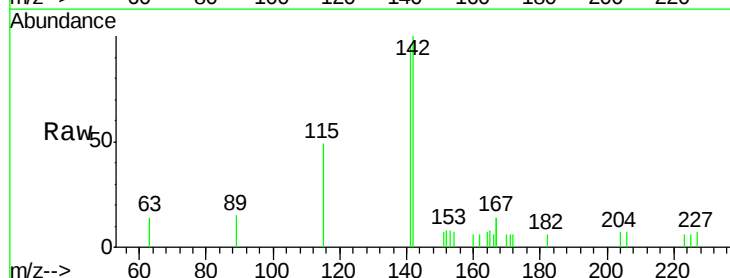
Tgt Ion:142 Resp: 1181

Ion Ratio Lower Upper

142 100

141 96.3 77.0 115.4

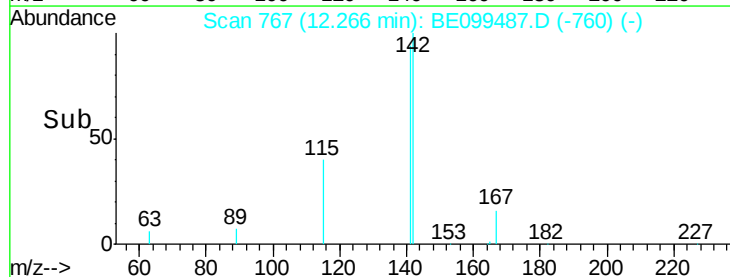
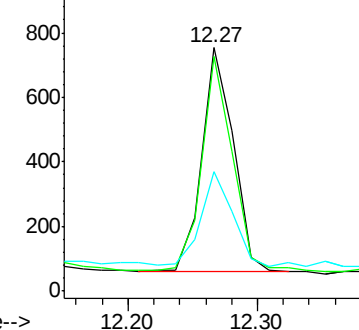
115 48.8 33.4 50.0

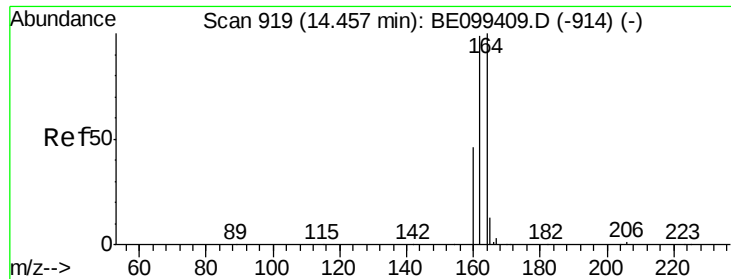


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

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PST-023-SW028-042319

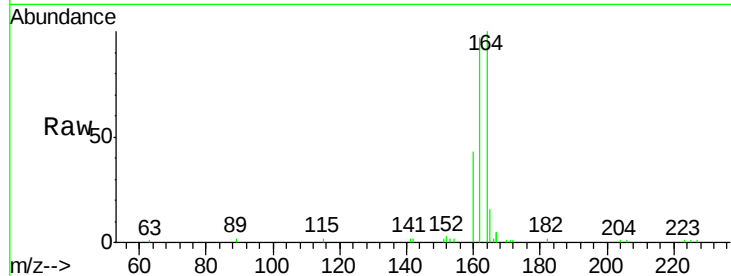
Tot Ion:164 Resp: 6792

Ion Ratio Lower Upper

164 100

162 97.1 79.0 118.4

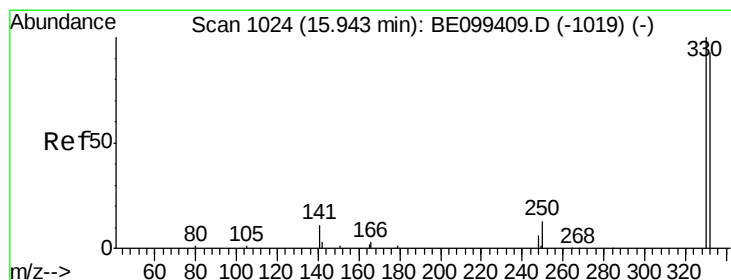
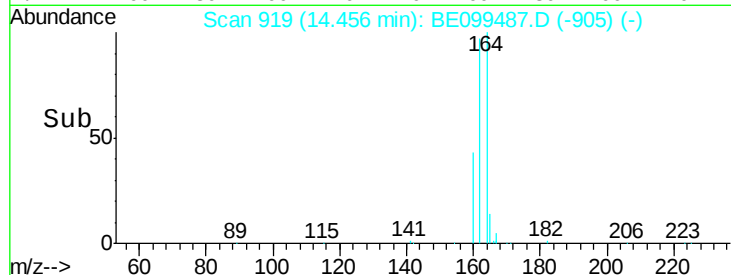
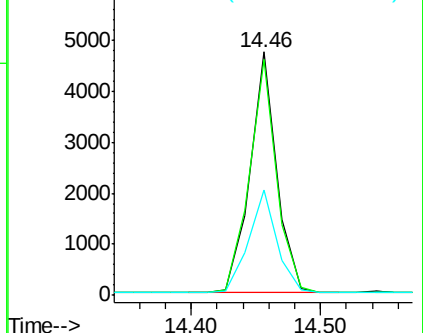
160 43.3 37.0 55.4



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: 0.239 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

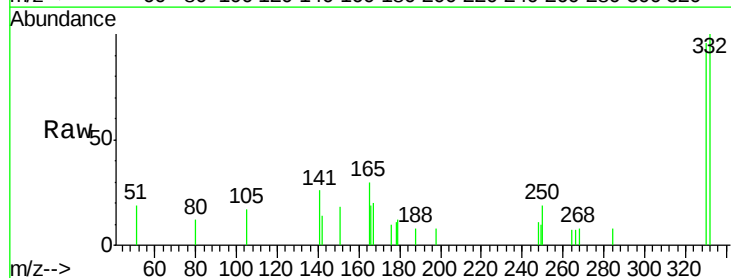
Tgt Ion:330 Resp: 1022

Ion Ratio Lower Upper

330 100

332 102.6 71.5 107.3

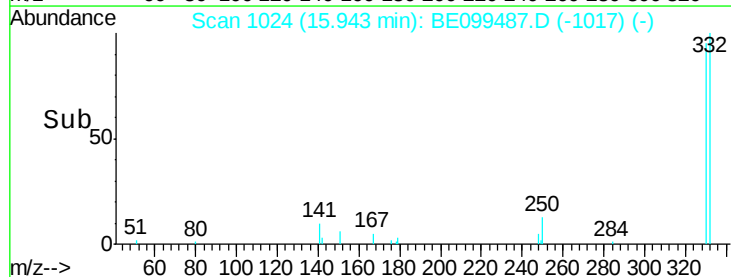
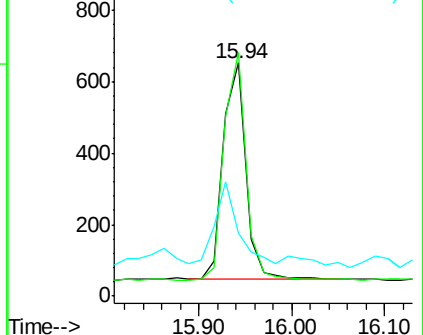
141 38.6 24.0 36.0#

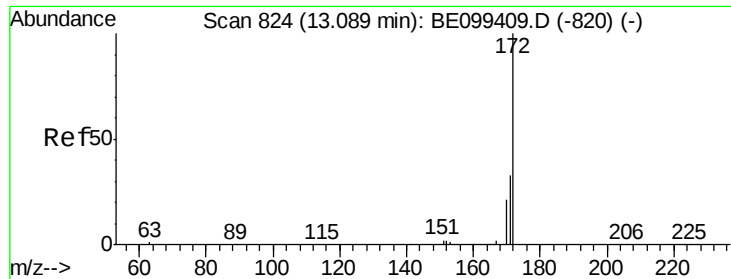


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

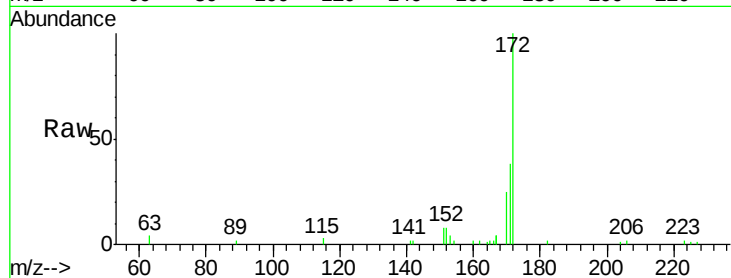




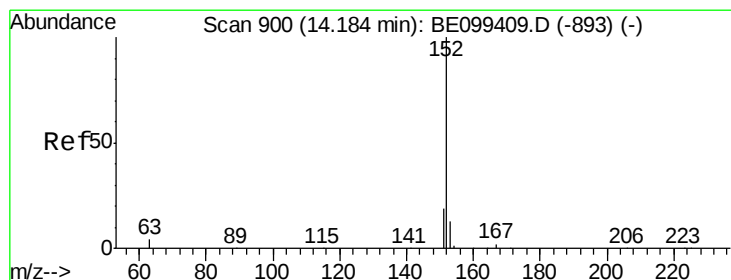
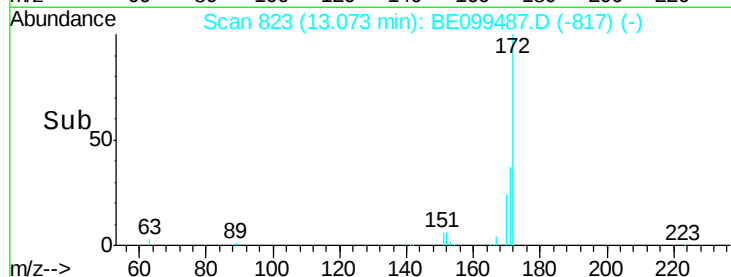
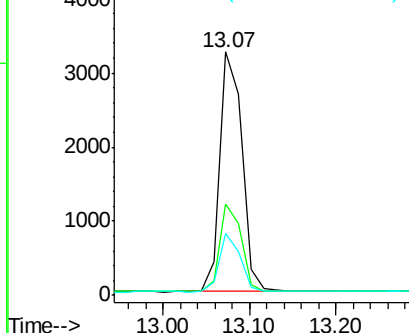
#15
2-Fluorobiphenyl
Concen: 0.224 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099487.D
Acq: 2 May 2019 5:47

Instrument :
BNA_E
ClientSampleId :
PST-023-SW028-042319

Tot Ion:172 Resp: 5797
Ion Ratio Lower Upper
172 100
171 37.5 26.6 39.8
170 25.3 17.0 25.6

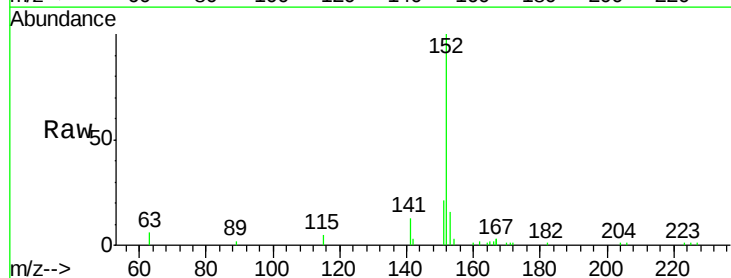


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

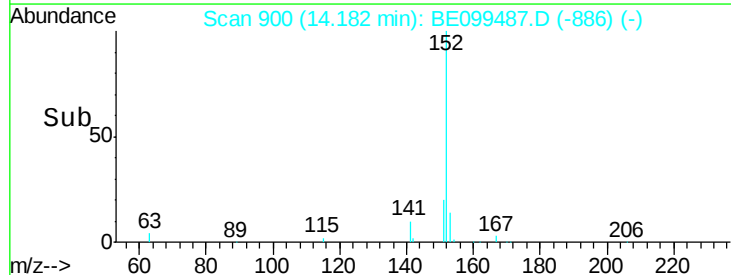
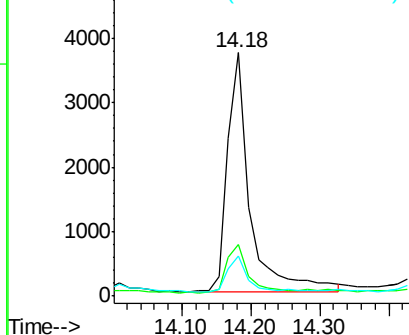


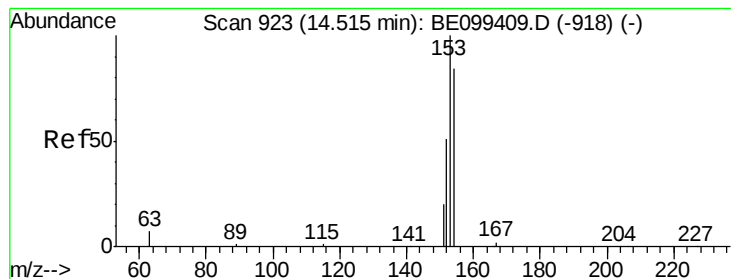
#16
Acenaphthylene
Concen: 0.252 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099487.D
Acq: 2 May 2019 5:47

Tgt Ion:152 Resp: 8378
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 14.2 9.8 14.6



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: 0.051 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

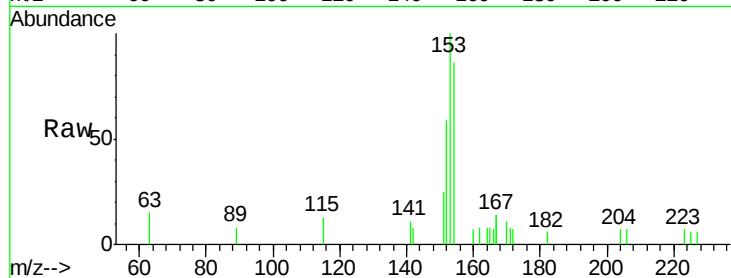
Tot Ion:154 Resp: 973

Ion Ratio Lower Upper

154 100

153 119.3 92.6 138.8

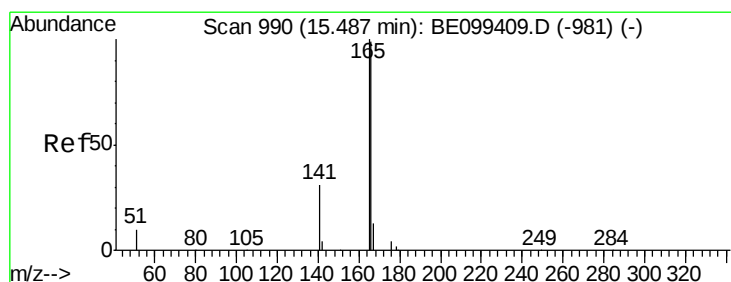
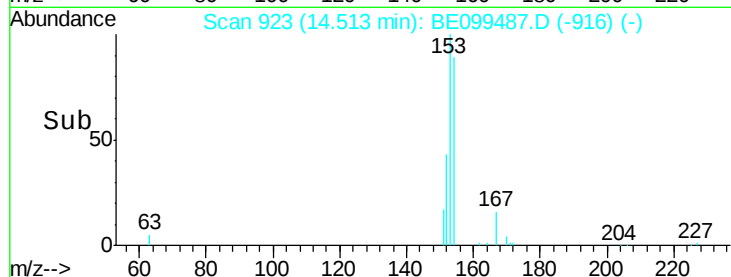
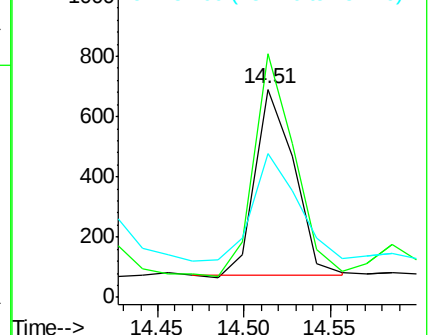
152 67.2 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.171 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

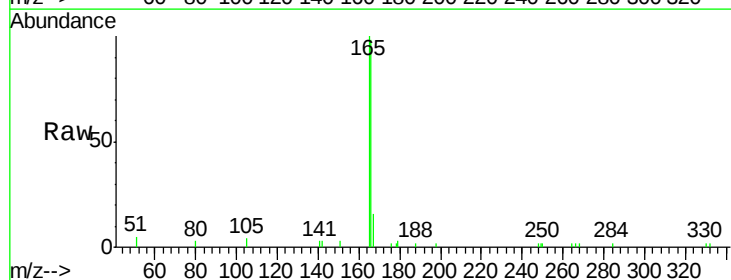
Tgt Ion:166 Resp: 4798

Ion Ratio Lower Upper

166 100

165 90.2 80.3 120.5

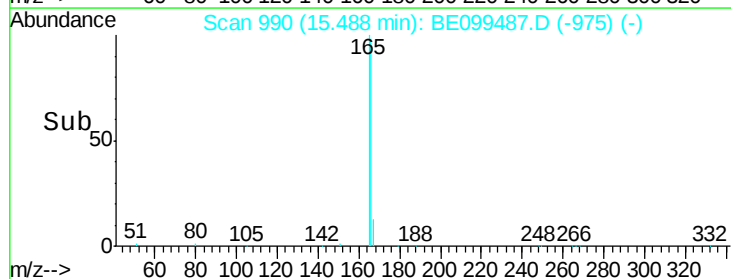
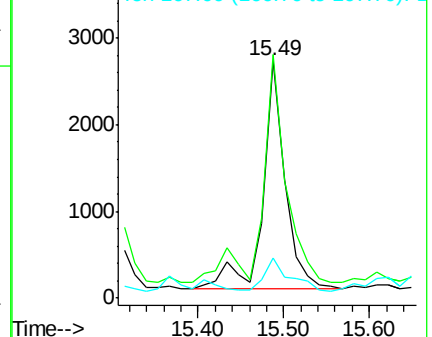
167 15.4 10.7 16.1

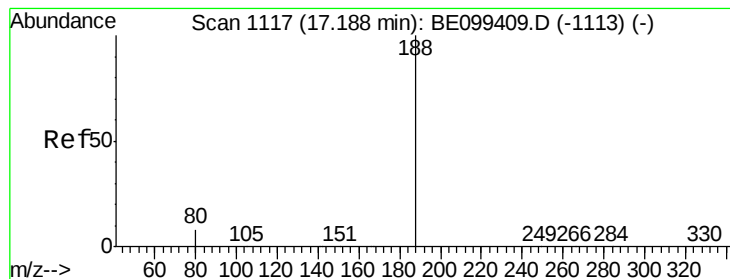


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

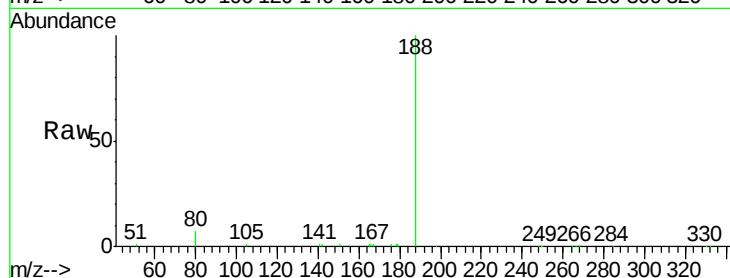
Tot Ion:188 Resp: 19997

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

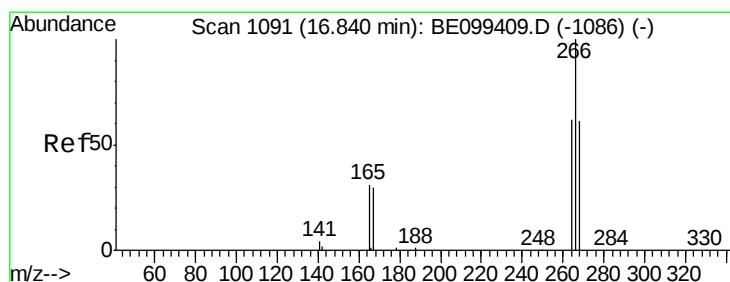
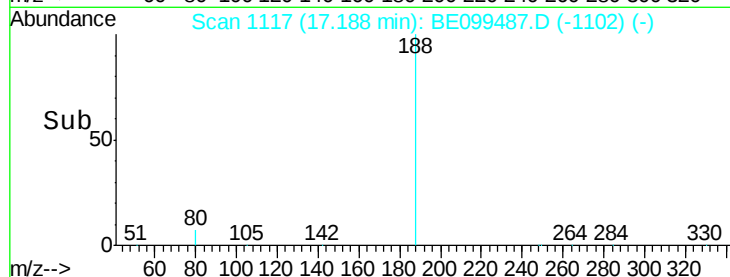
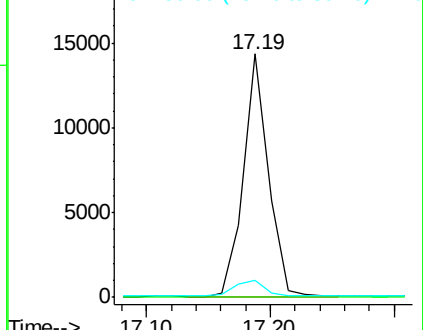
80 7.1 6.7 10.1



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



#22

Pentachlorophenol

Concen: 0.218 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

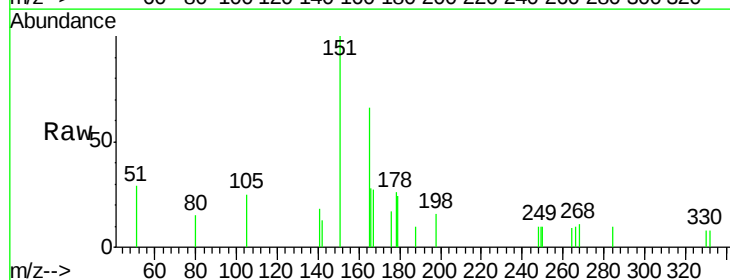
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 84.7 50.8 76.2#

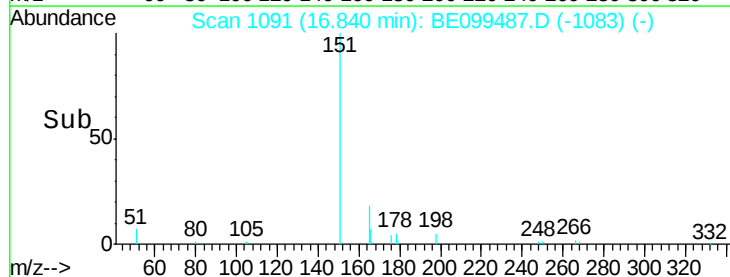
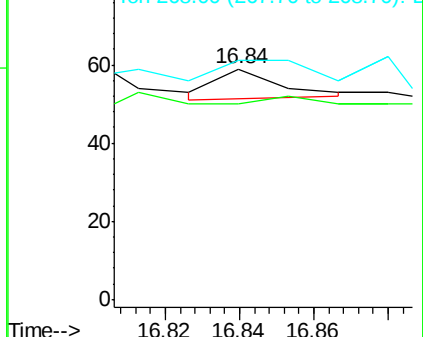
268 103.4 50.5 75.7#

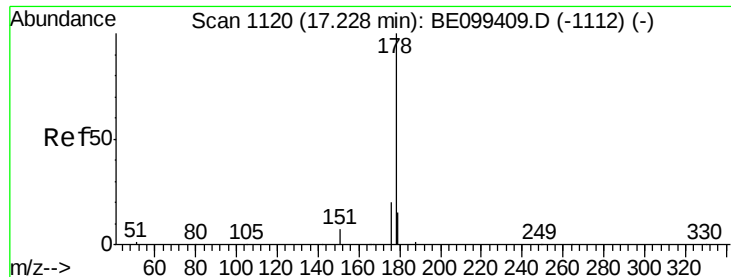


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.601 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

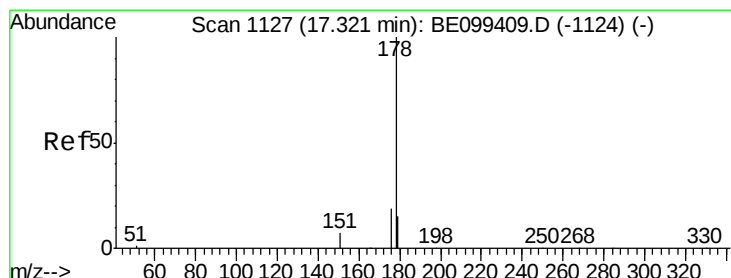
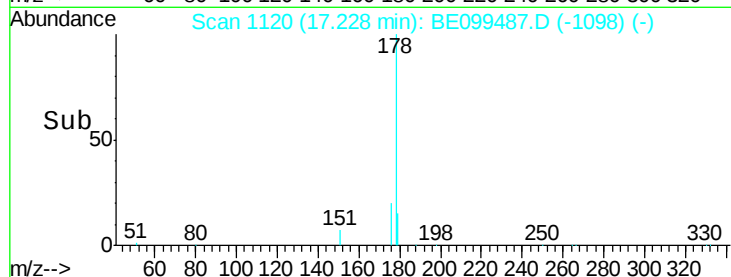
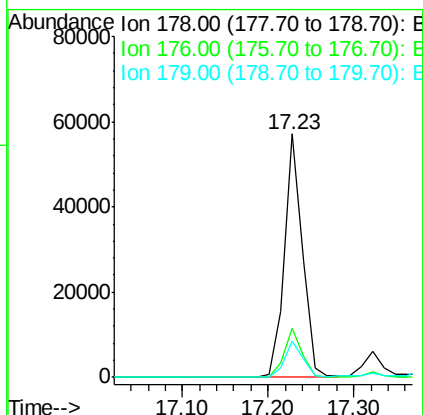
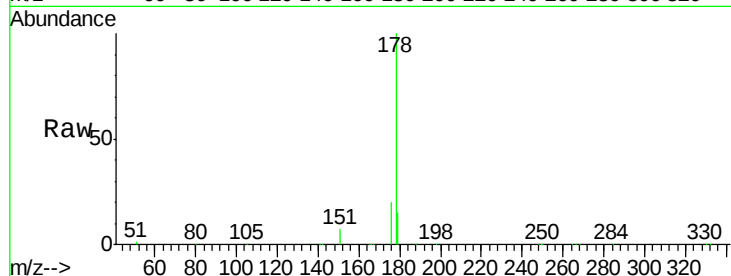
Tot Ion:178 Resp: 82614

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.2 12.0 18.0



#24

Anthracene

Concen: 0.168 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

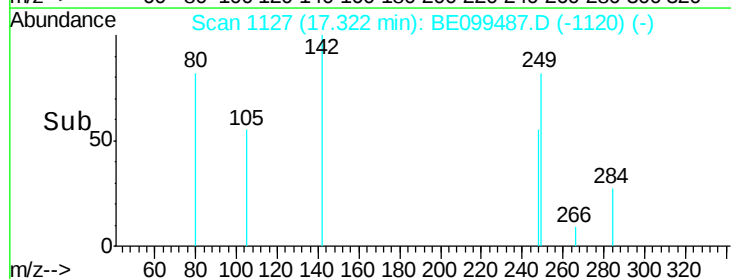
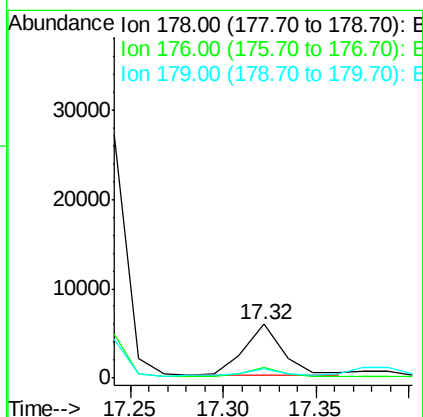
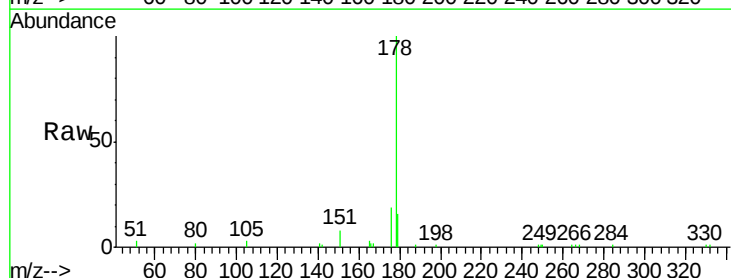
Tgt Ion:178 Resp: 8243

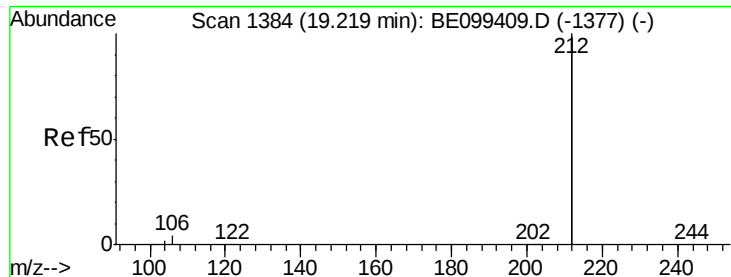
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 17.3 11.9 17.9





#25

Fluoranthene-d10

Concen: 0.202 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

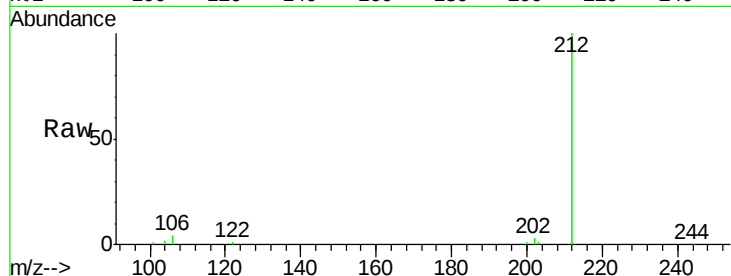
Tot Ion:212 Resp: 54470

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

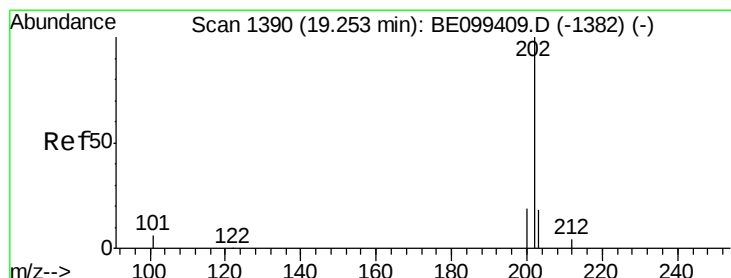
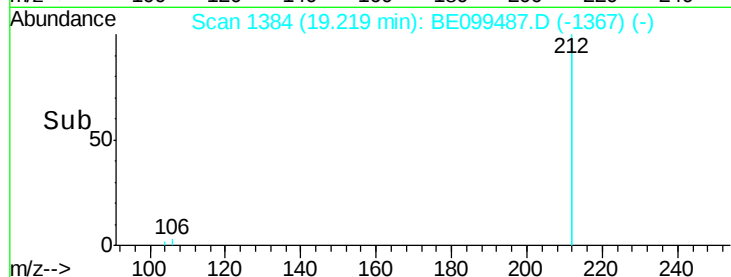
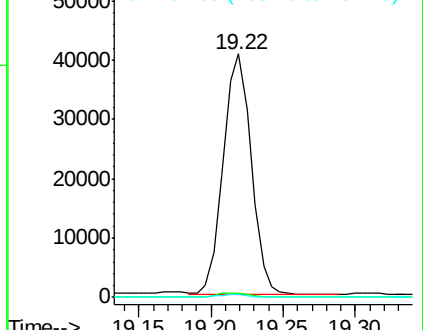
104 1.2 0.9 1.3



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: 2.023 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

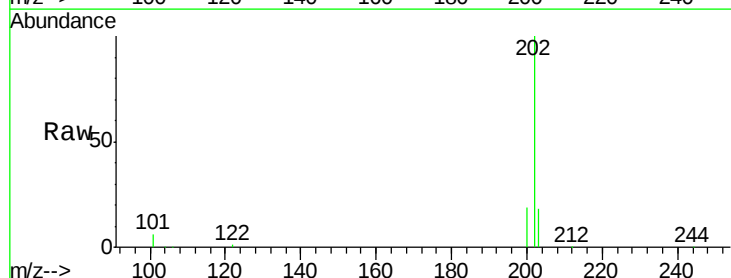
Tgt Ion:202 Resp: 156350

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.0

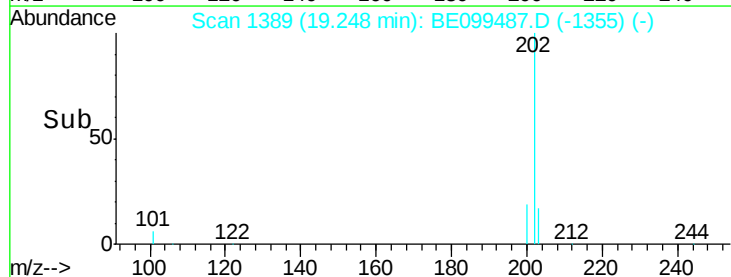
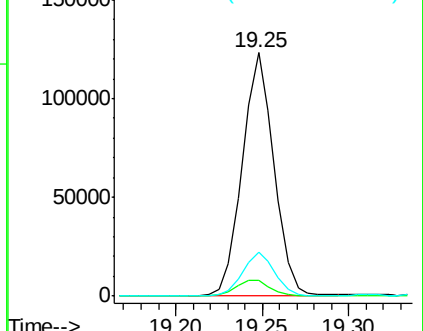
203 17.7 13.9 20.9

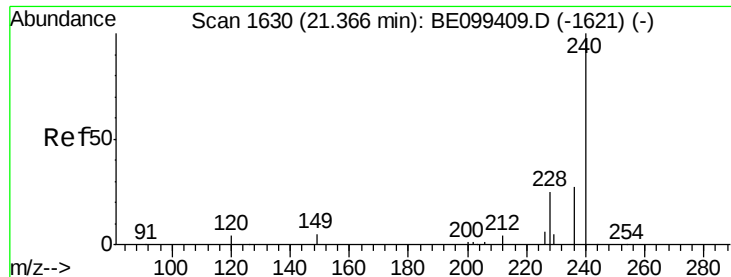


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

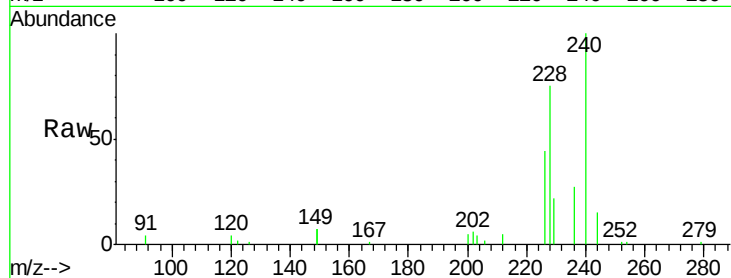
Tot Ion:240 Resp: 23392

Ion Ratio Lower Upper

240 100

120 3.6 4.0 6.0#

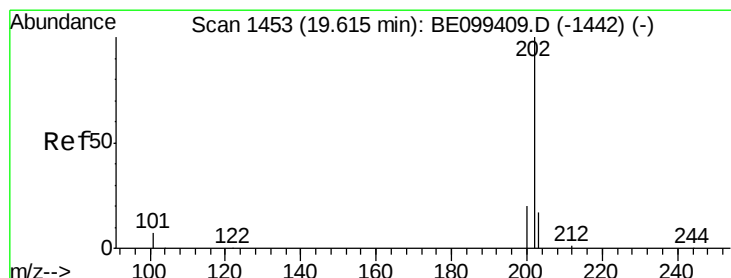
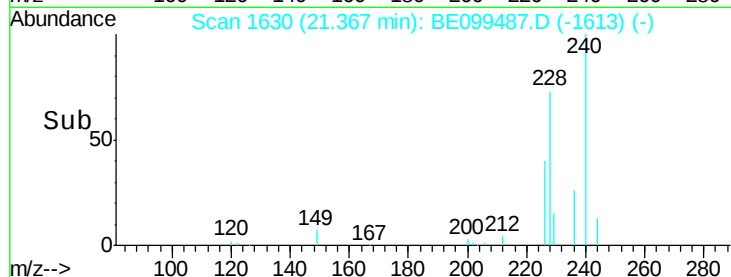
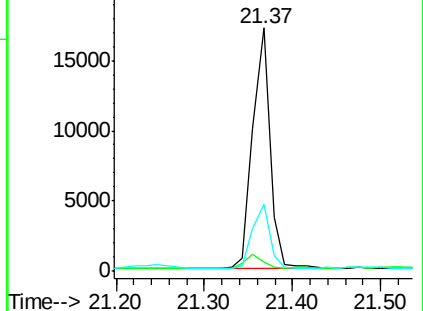
236 27.3 22.0 33.0



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: 3.067 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

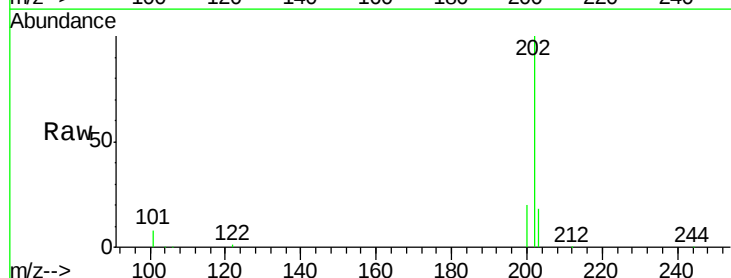
Tgt Ion:202 Resp: 187009

Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

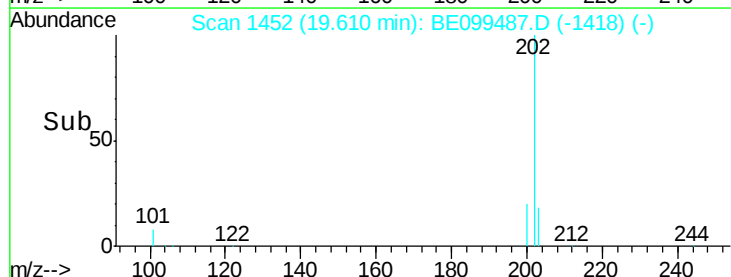
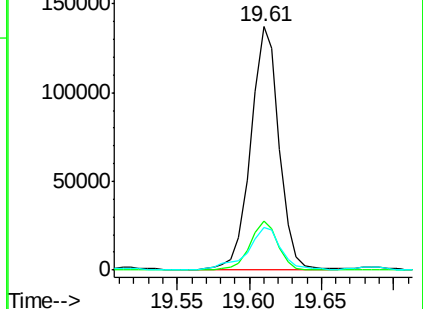
203 20.6 13.9 20.9

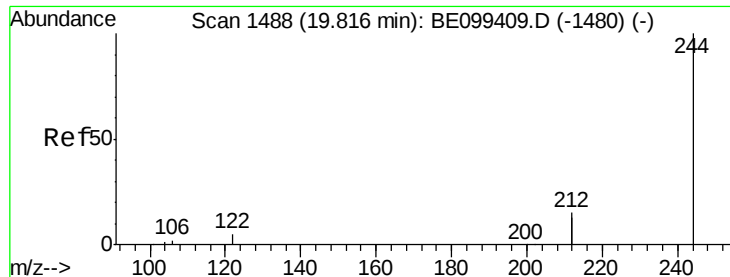


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.266 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

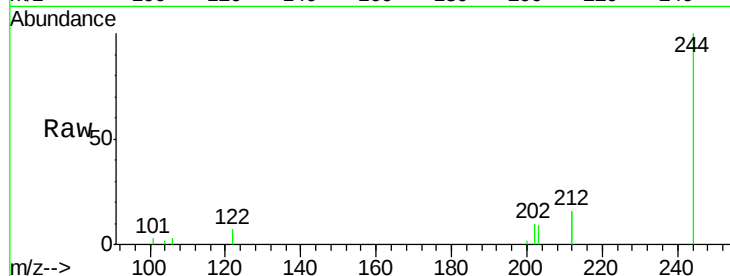
Tot Ion:244 Resp: 11375

Ion Ratio Lower Upper

244 100

212 31.7 23.2 34.8

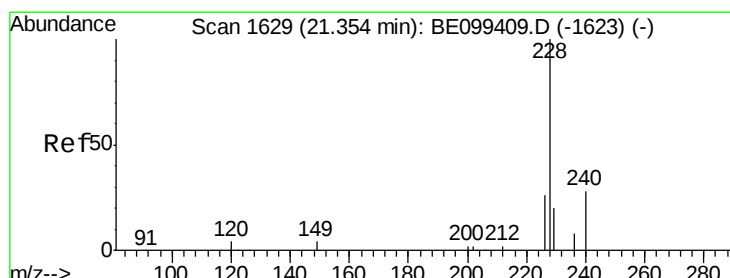
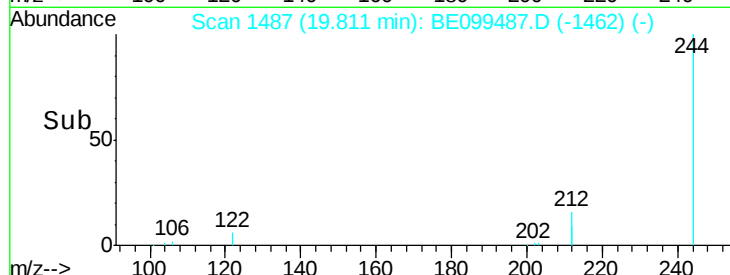
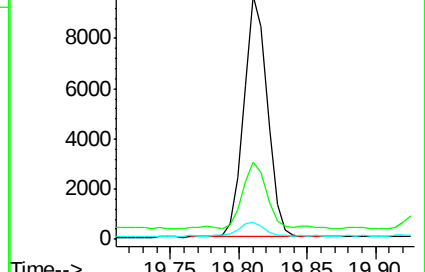
122 7.1 4.2 6.4#



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: 1.393 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

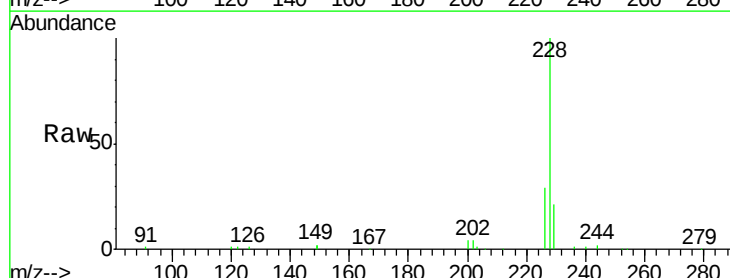
Tgt Ion:228 Resp: 103852

Ion Ratio Lower Upper

228 100

226 28.9 21.0 31.6

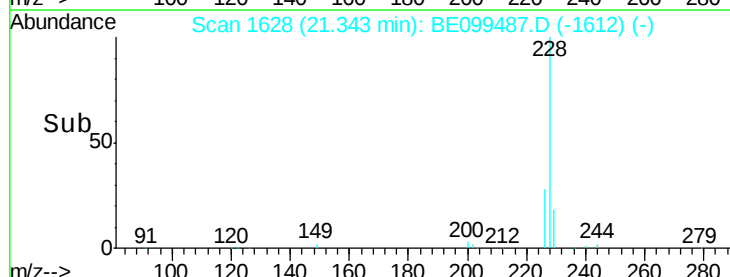
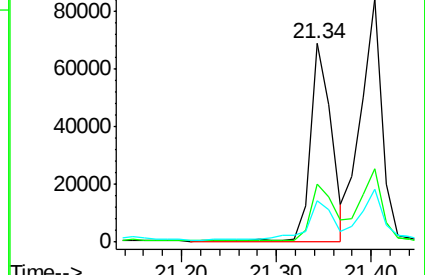
229 20.9 16.6 25.0

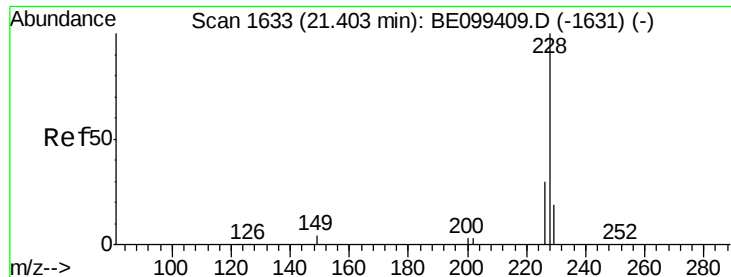


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.753 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

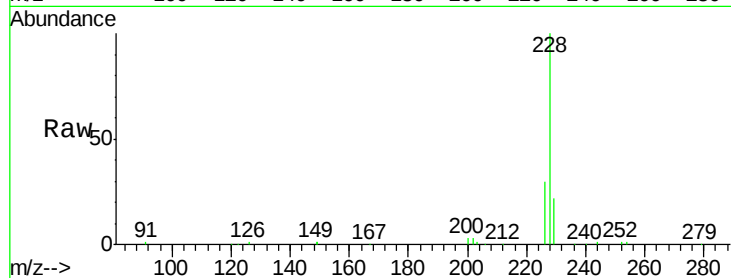
Tot Ion:228 Resp: 127881

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

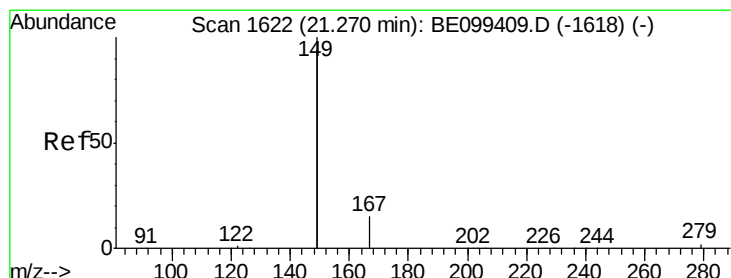
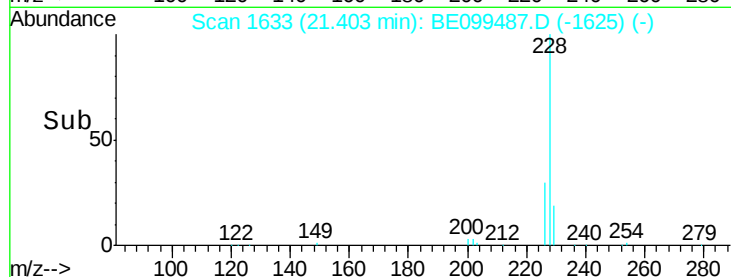
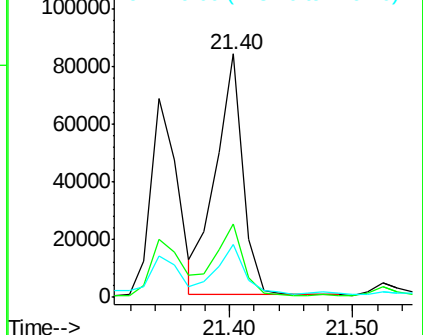
229 21.6 15.8 23.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.209 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

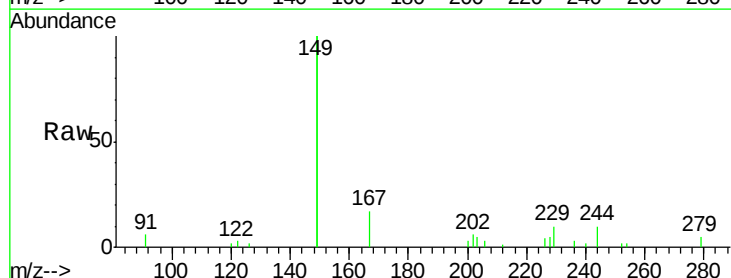
Tgt Ion:149 Resp: 29533

Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.6

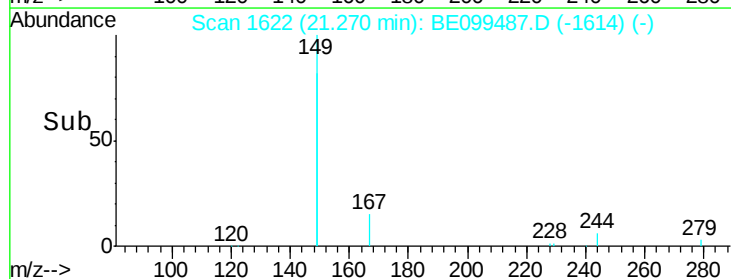
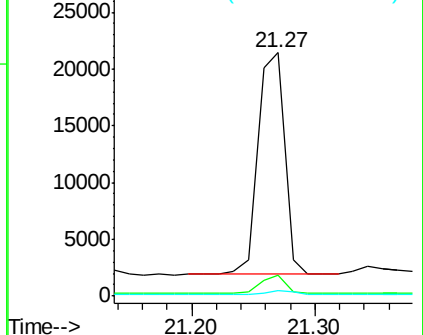
279 1.5 1.0 1.6

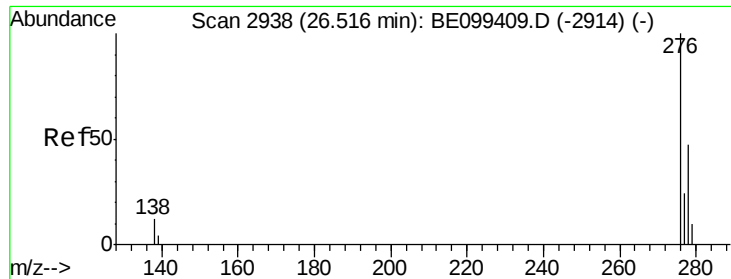


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.863 ng

RT: 26.51 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

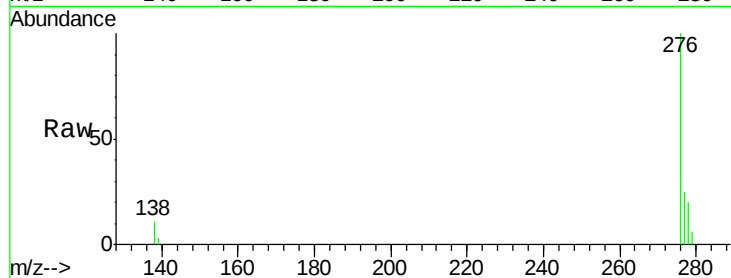
Tot Ion:276 Resp: 74371

Ion Ratio Lower Upper

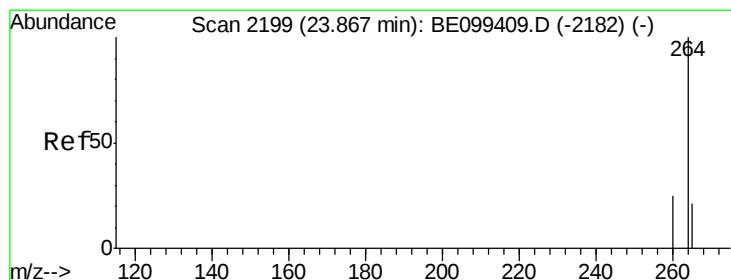
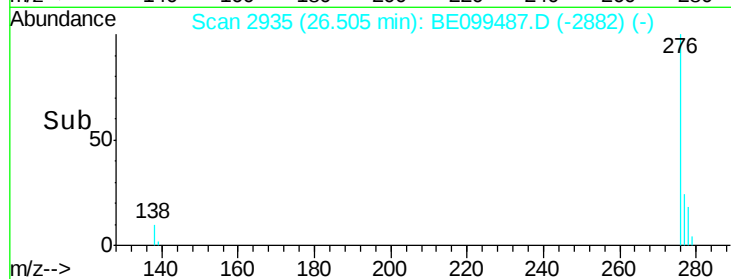
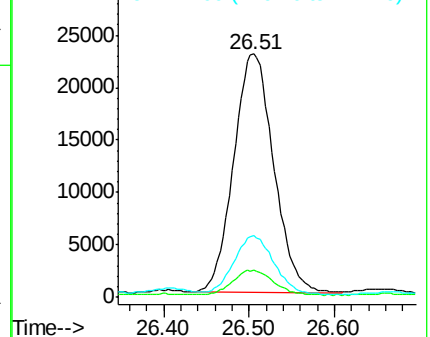
276 100

138 10.6 10.2 15.2

277 24.6 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: 23.87 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

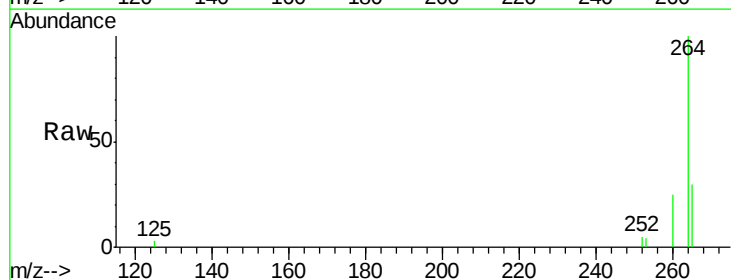
Tgt Ion:264 Resp: 27247

Ion Ratio Lower Upper

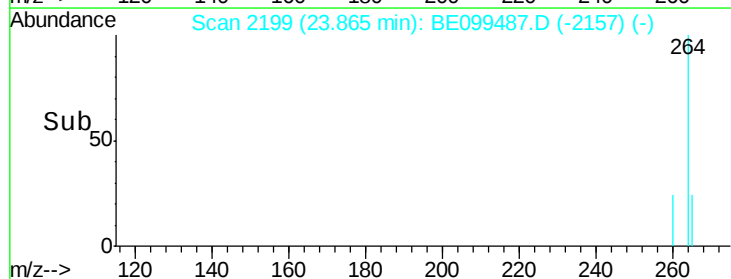
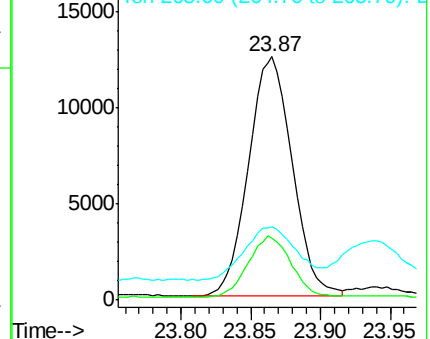
264 100

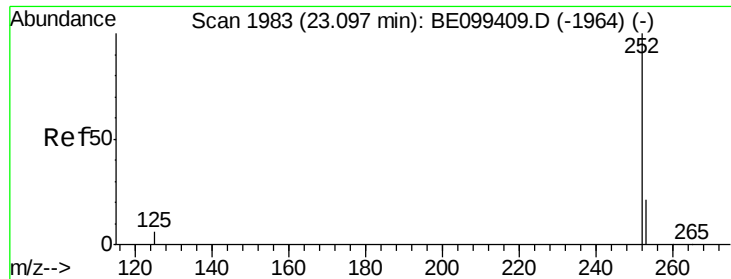
260 25.3 20.2 30.2

265 30.2 21.3 31.9



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

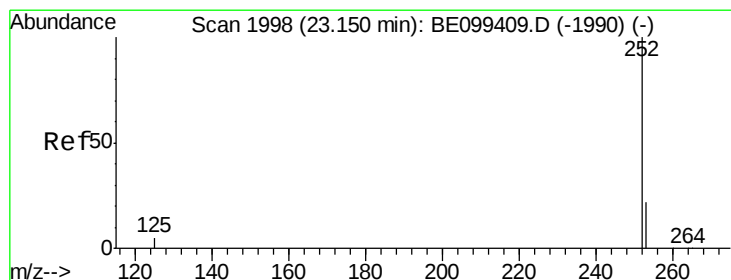
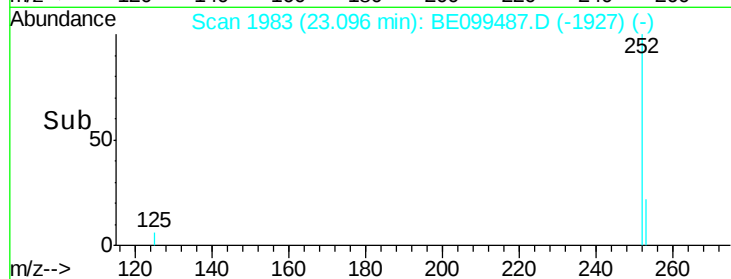
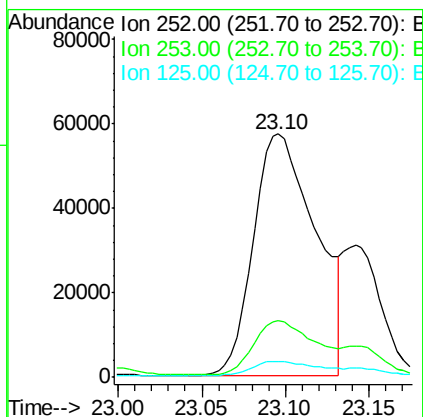
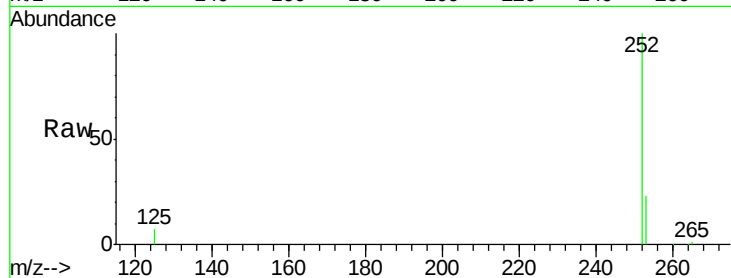




#35
Benzo(b)fluoranthene
Concen: 1.888 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099487.D
Acq: 2 May 2019 5:47

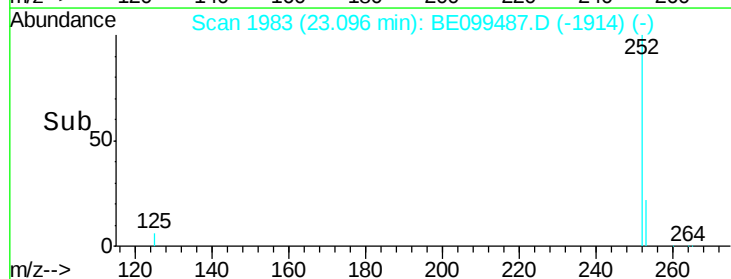
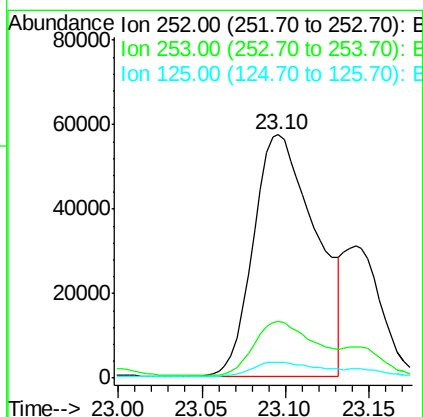
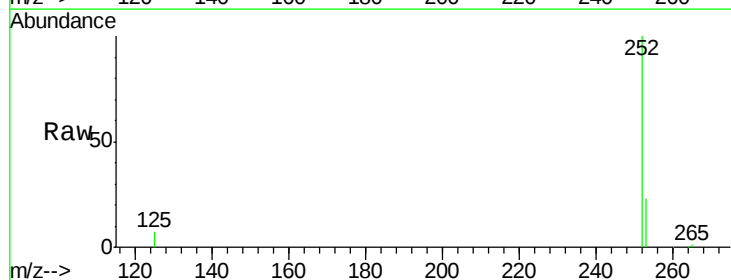
Instrument :
BNA_E
ClientSampleId :
PST-023-SW028-042319

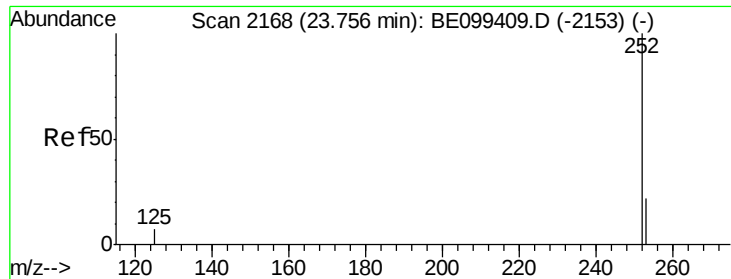
Tot Ion:252 Resp: 148332
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 6.5 5.6 8.4



#36
Benzo(k)fluoranthene
Concen: 1.958 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099487.D
Acq: 2 May 2019 5:47

Tgt Ion:252 Resp: 148332
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 6.5 5.0 7.4





#37

Benzo(a)pyrene

Concen: 1.396 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319

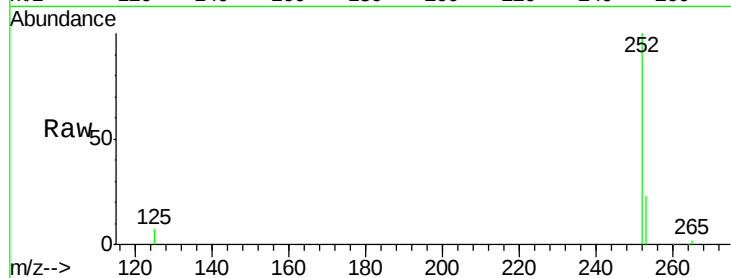
Tot Ion:252 Resp: 103657

Ion Ratio Lower Upper

252 100

253 22.8 18.9 28.3

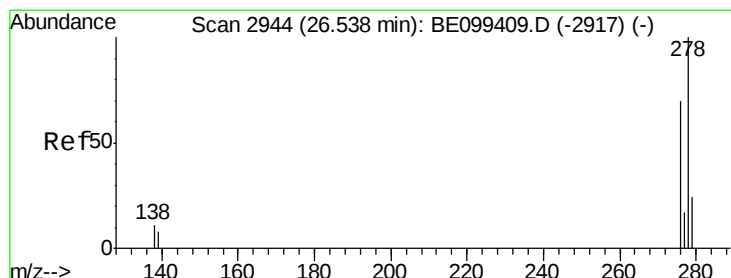
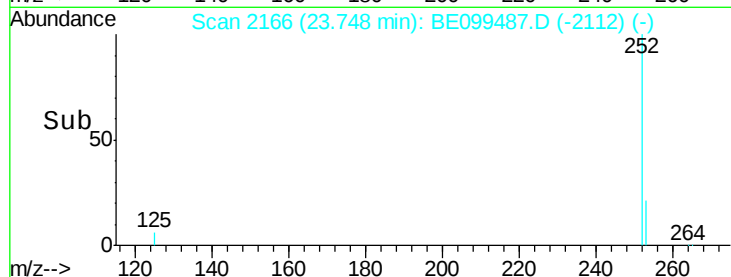
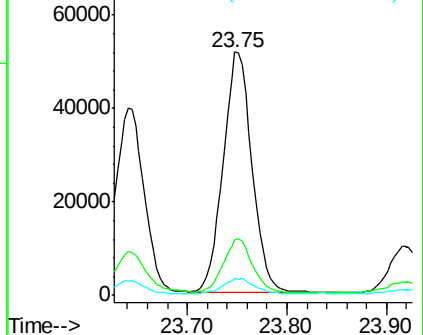
125 6.8 6.7 10.1



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: 0.263 ng

RT: 26.52 min Scan# 2940

Delta R.T. -0.01 min

Lab File: BE099487.D

Acq: 2 May 2019 5:47

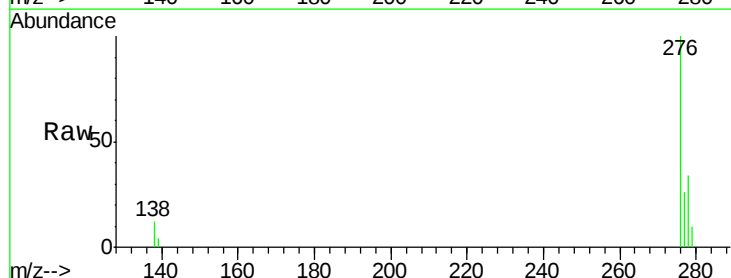
Tgt Ion:278 Resp: 19971

Ion Ratio Lower Upper

278 100

139 12.0 7.7 11.5#

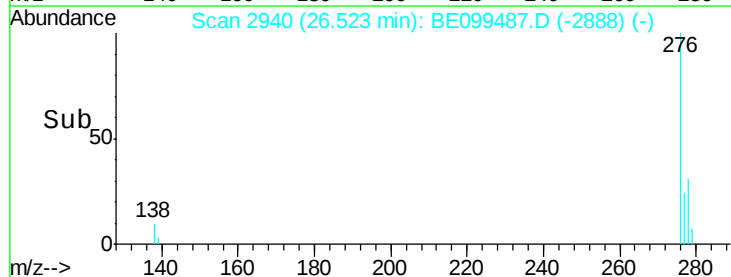
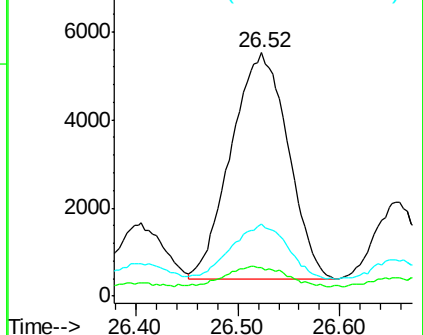
279 29.4 20.2 30.2

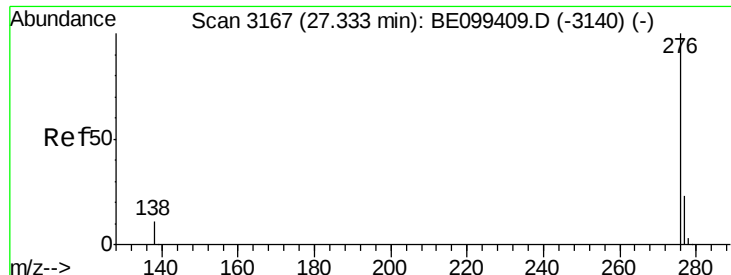


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.034 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE099487.D

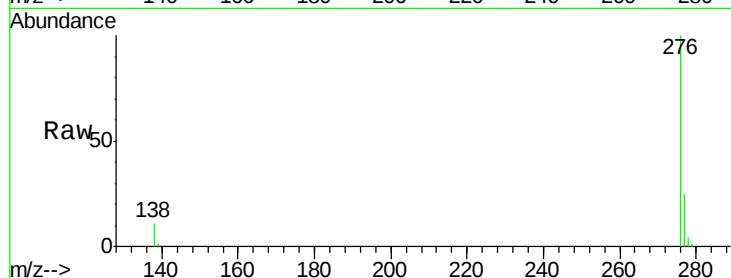
Acq: 2 May 2019 5:47

Instrument :

BNA_E

ClientSampleId :

PST-023-SW028-042319



Tot Ion: 276 Resp: 78707

Ion Ratio Lower Upper

276 100

277 24.9 19.5 29.3

138 10.8 9.6 14.4

