

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099485.D
 Acq On : 2 May 2019 4:36
 Operator : JU/SJ
 Sample : K2569-03MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-023-SW027-042319MS

Quant Time: May 02 07:45:17 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	7.80	152	2153	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7565	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5588	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18050	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24345	0.40	ng	0.00
34) Perylene-d12	23.86	264	28031	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1558	0.26	ng	0.00
5) Phenol-d6	6.97	99	2559	0.32	ng	0.00
8) Nitrobenzene-d5	8.96	82	1968	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	4256	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	962	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	4906	0.23	ng	-0.01
25) Fluoranthene-d10	19.22	212	55867	0.23	ng	0.00
29) Terphenyl-d14	19.81	244	12278	0.28	ng	0.00

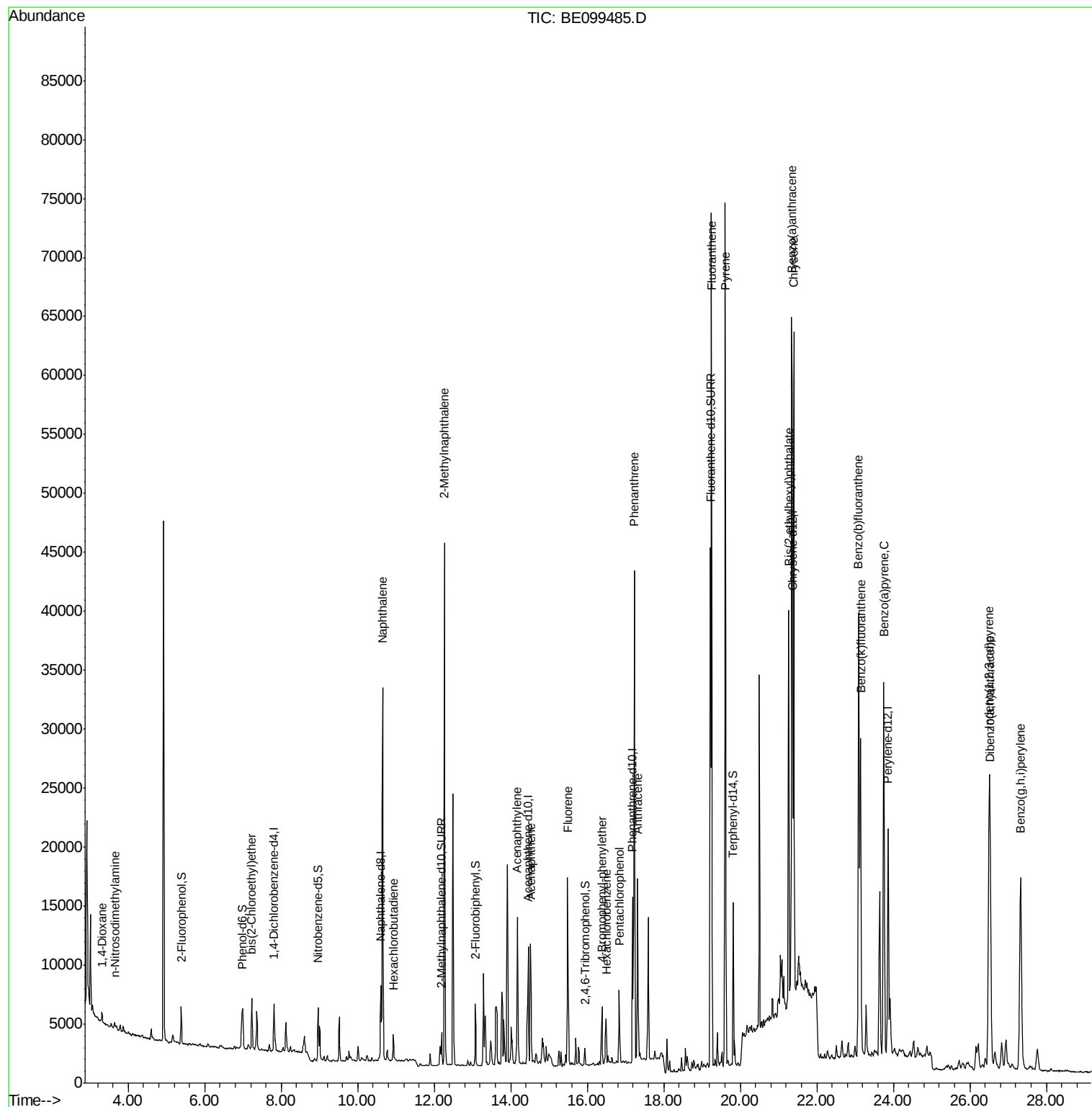
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	588	0.199	ng	# 61
3) n-Nitrosodimethylamine	3.65	42	366	0.205	ng	# 79
6) bis(2-Chloroethyl)ether	7.23	93	1750	0.256	ng	98
9) Naphthalene	10.65	128	49484	0.600	ng	99
10) Hexachlorobutadiene	10.92	225	1443	0.252	ng	99
12) 2-Methylnaphthalene	12.27	142	28431	1.983	ng	95
16) Acenaphthylene	14.17	152	16081	0.588	ng	98
17) Acenaphthene	14.51	154	4880	0.313	ng	97
18) Fluorene	15.49	166	10435	0.453	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	2503	0.238	ng	93
21) Hexachlorobenzene	16.49	284	2495	0.249	ng	98
22) Pentachlorophenol	16.84	266	3131	0.735	ng	98
23) Phenanthrene	17.23	178	42586	0.914	ng	99
24) Anthracene	17.32	178	15983	0.360	ng	98
26) Fluoranthene	19.25	202	66887	0.959	ng	100
28) Pyrene	19.61	202	67319	1.061	ng	97
30) Benzo(a)anthracene	21.34	228	52145	0.672	ng	98
31) Chrysene	21.40	228	53814	0.709	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	48174	0.369	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.50	276	47090	0.525	ng	99
35) Benzo(b)fluoranthene	23.09	252	59371	0.735	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	37716	0.484	ng	# 96
37) Benzo(a)pyrene	23.75	252	49742	0.651	ng	98
38) Dibenzo(a,h)anthracene	26.53	278	26715	0.342	ng	98
39) Benzo(g,h,i)perylene	27.33	276	43941	0.561	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: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

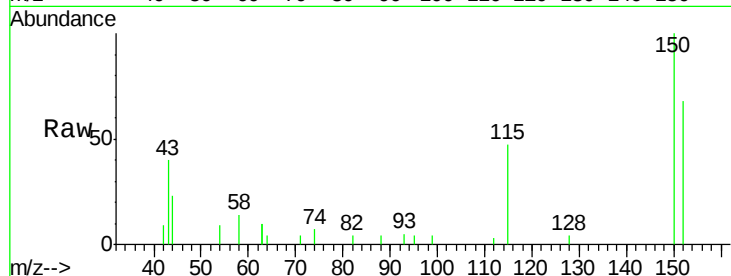
Tot Ion:152 Resp: 2153

Ion Ratio Lower Upper

152 100

150 147.2 104.8 157.2

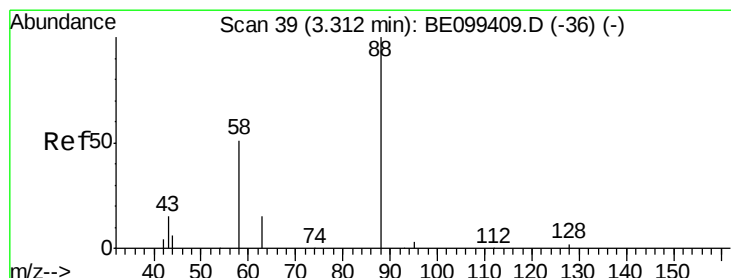
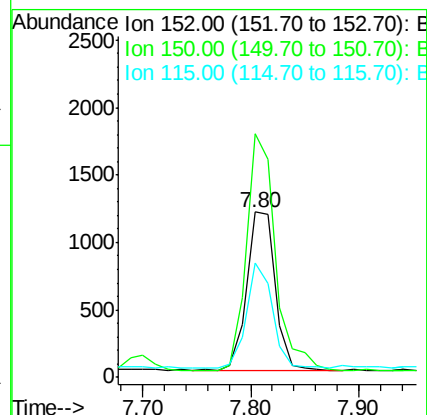
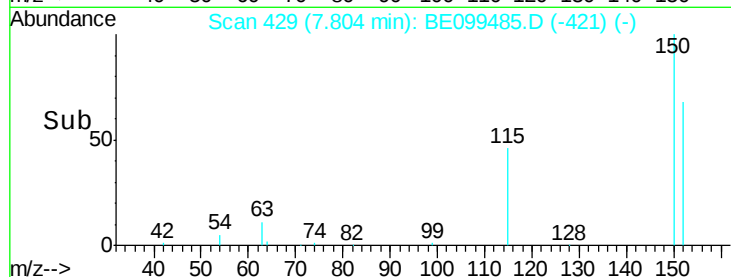
115 69.1 46.6 69.8



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: 0.199 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

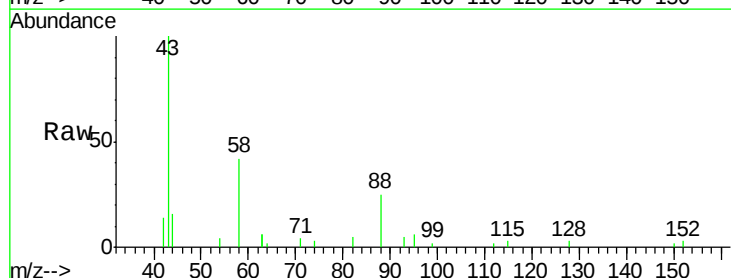
Tgt Ion: 88 Resp: 588

Ion Ratio Lower Upper

88 100

58 91.0 51.0 76.6#

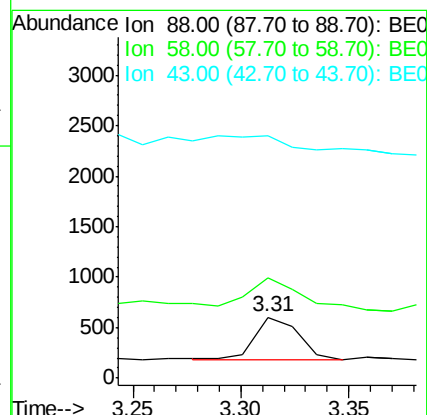
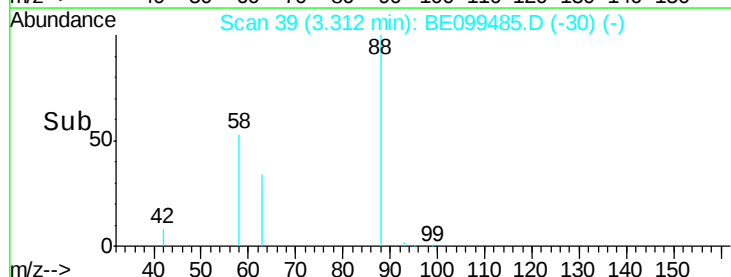
43 0.0 20.6 30.8#

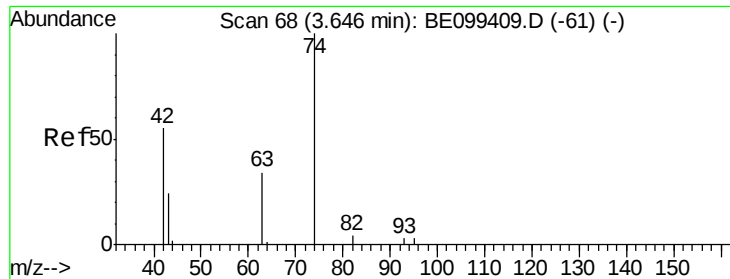


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.205 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

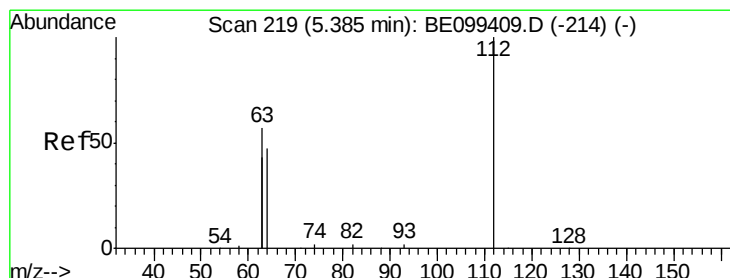
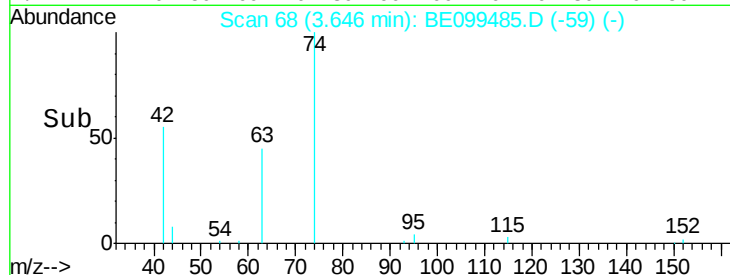
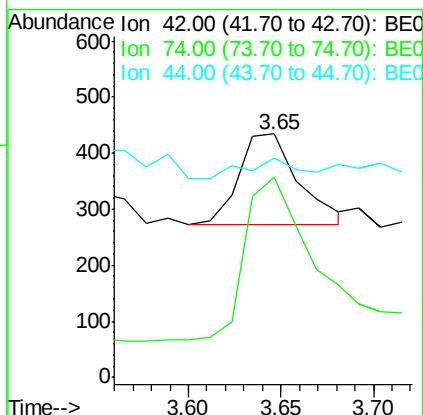
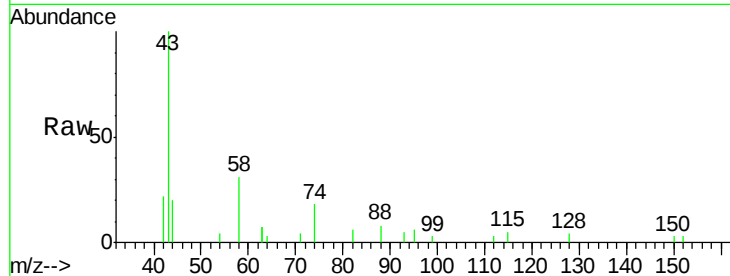
Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

Tot Ion:	42	Resp:	366
Ion	Ratio	Lower	Upper
42	100		
74	207.1	141.6	212.4
44	18.3	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.262 ng

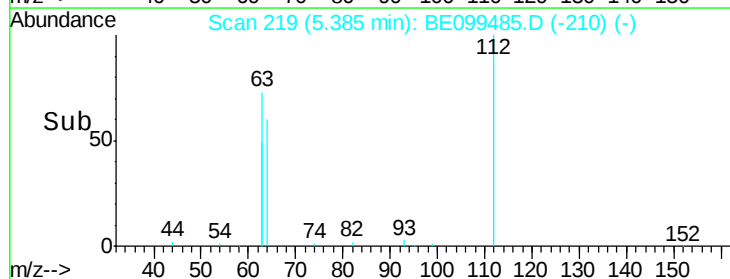
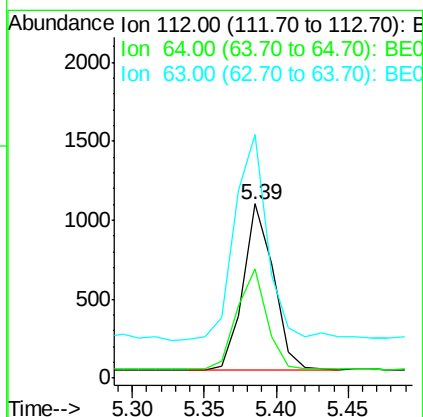
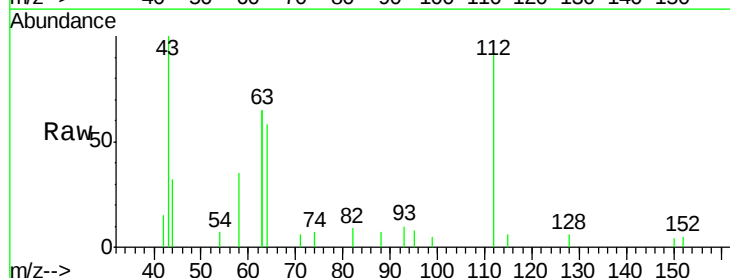
RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Tgt Ion:	112	Resp:	1558
Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.4	71.0
63	135.1	104.3	156.5





#5

Phenol-d6

Concen: 0.323 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

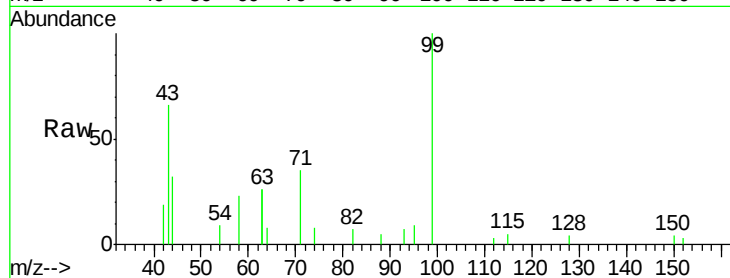
Tot Ion: 99 Resp: 2559

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

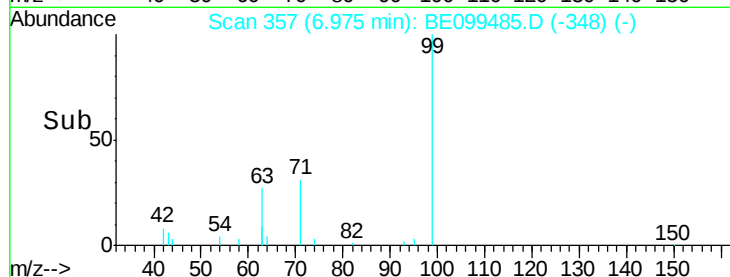
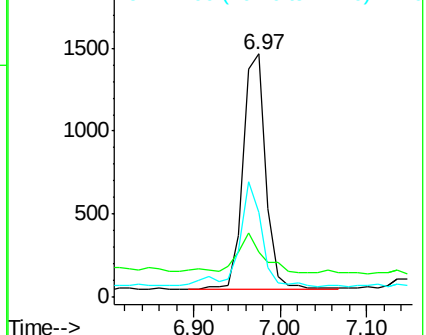
71 44.9 33.0 49.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.256 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

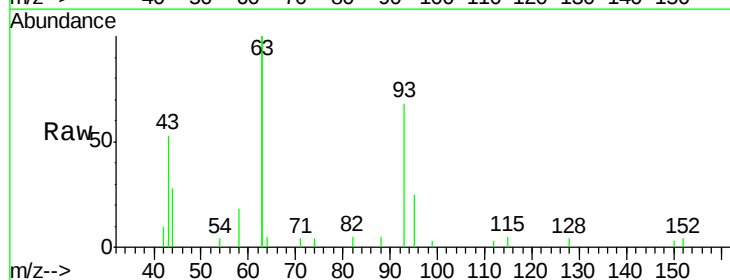
Tgt Ion: 93 Resp: 1750

Ion Ratio Lower Upper

93 100

63 272.9 215.6 323.4

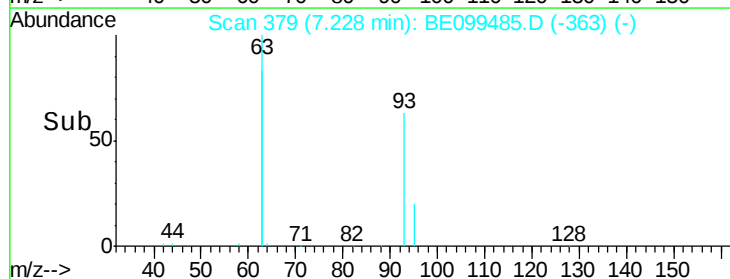
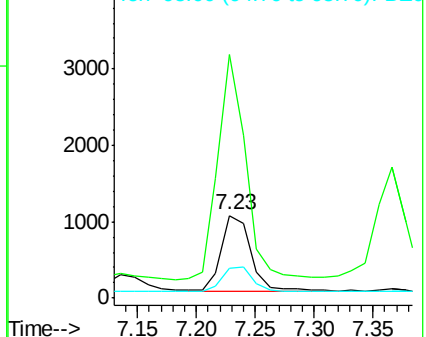
95 33.8 26.2 39.2



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: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

Tot Ion:136 Resp: 7565

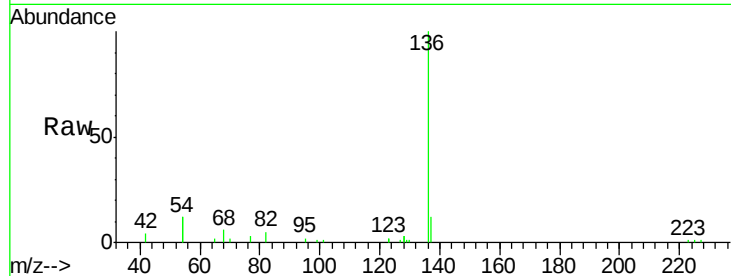
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 23.7 18.5 27.7

68 5.7 4.7 7.1

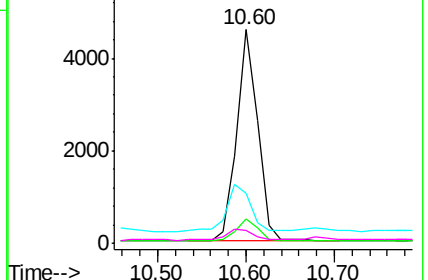
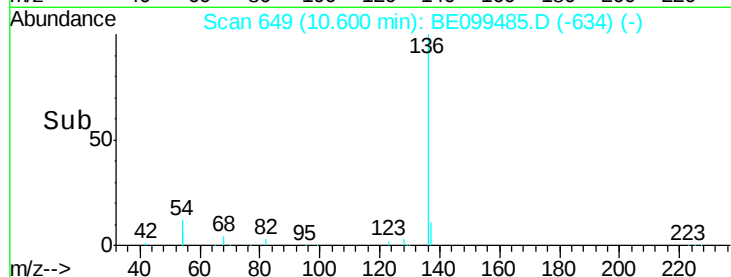


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.278 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

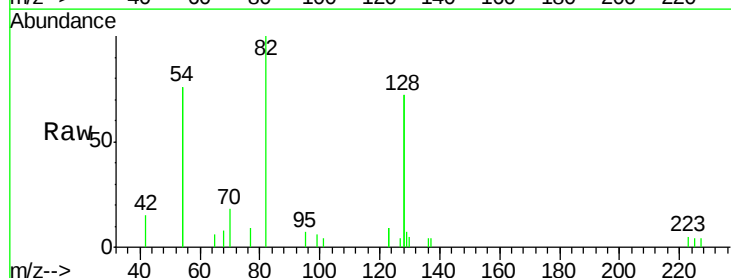
Tgt Ion: 82 Resp: 1968

Ion Ratio Lower Upper

82 100

128 143.4 107.0 160.4

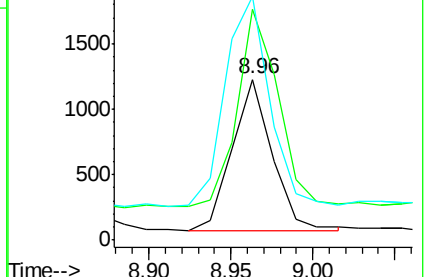
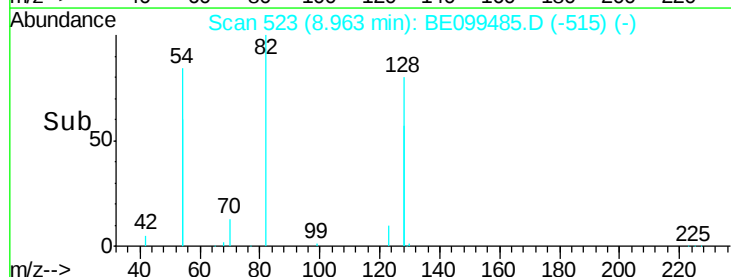
54 151.5 113.1 169.7

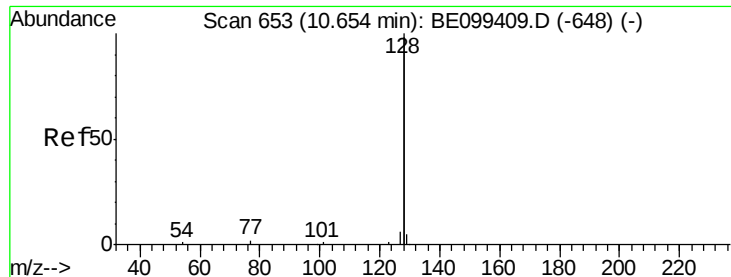


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.600 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

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ClientSampleId :

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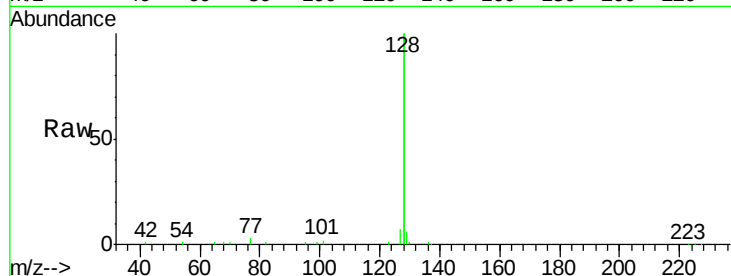
Tot Ion:128 Resp: 49484

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

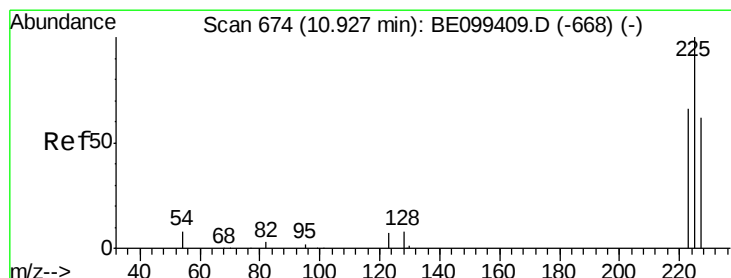
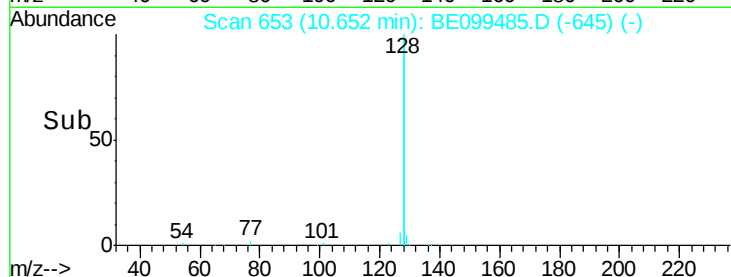
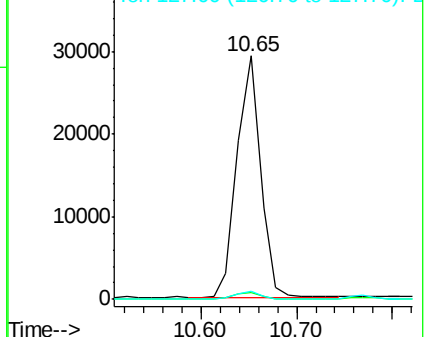
127 3.3 2.8 4.2



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: 0.252 ng

RT: 10.92 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

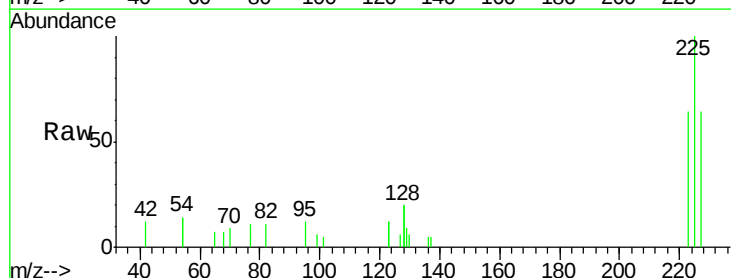
Tgt Ion:225 Resp: 1443

Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

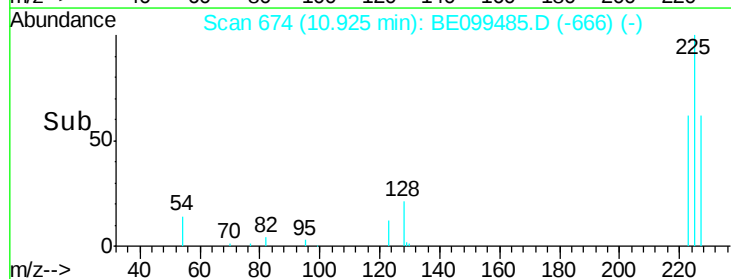
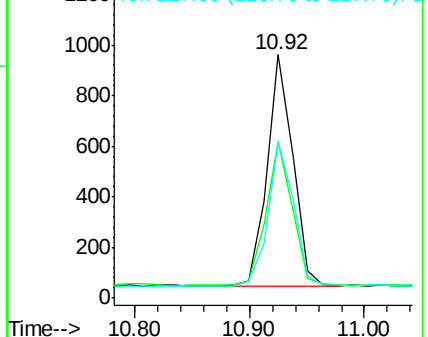
227 62.0 50.9 76.3

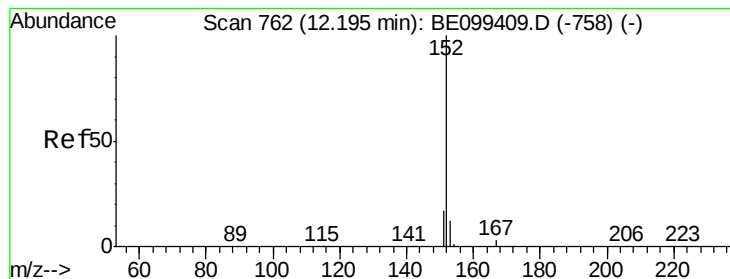


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

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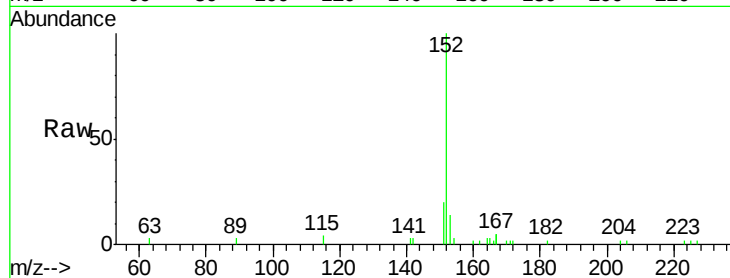
PST-023-SW027-042319MS

Tot Ion:152 Resp: 4256

Ion Ratio Lower Upper

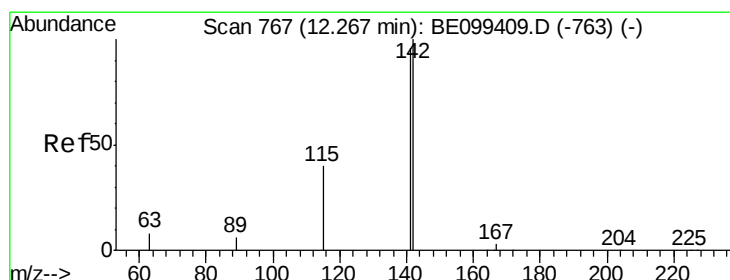
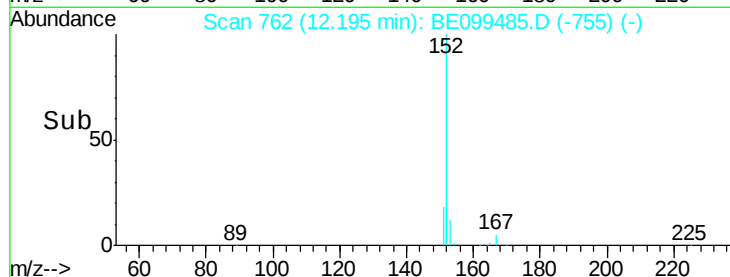
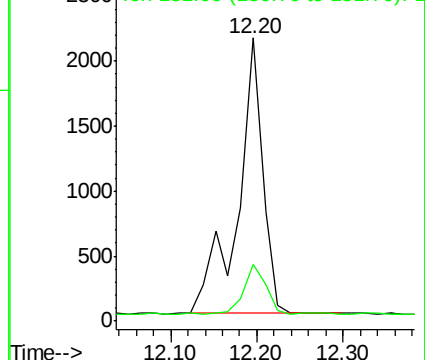
152 100

151 15.7 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: 1.983 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

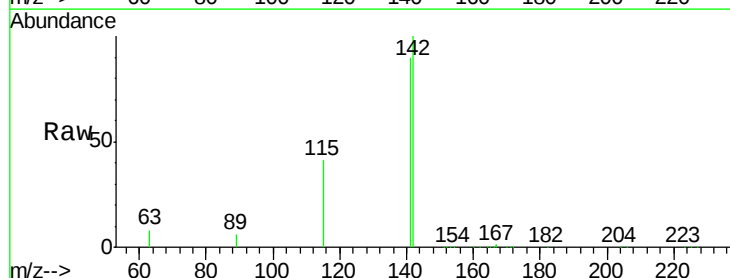
Tgt Ion:142 Resp: 28431

Ion Ratio Lower Upper

142 100

141 89.9 77.0 115.4

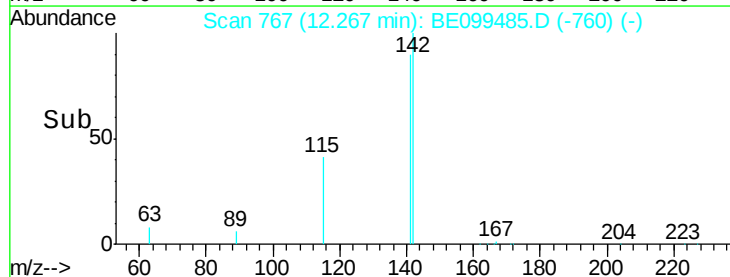
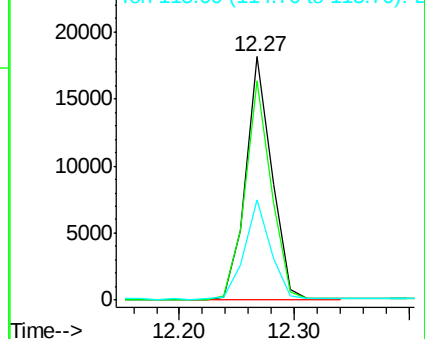
115 41.4 33.4 50.0

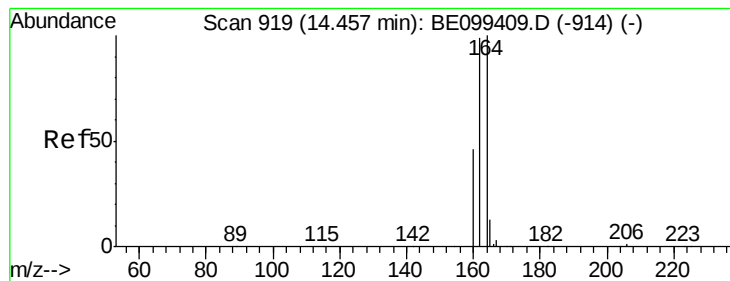


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099485.D

Acq: 2 May 2019 4:36

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PST-023-SW027-042319MS

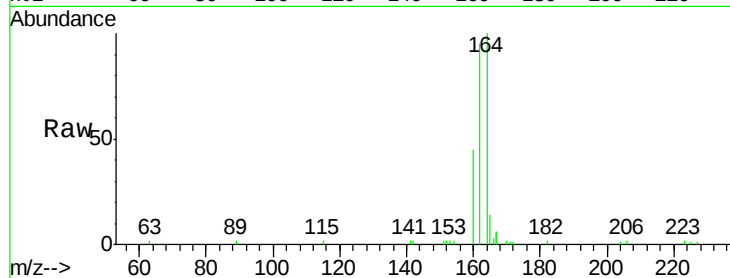
Tot Ion:164 Resp: 5588

Ion Ratio Lower Upper

164 100

162 94.7 79.0 118.4

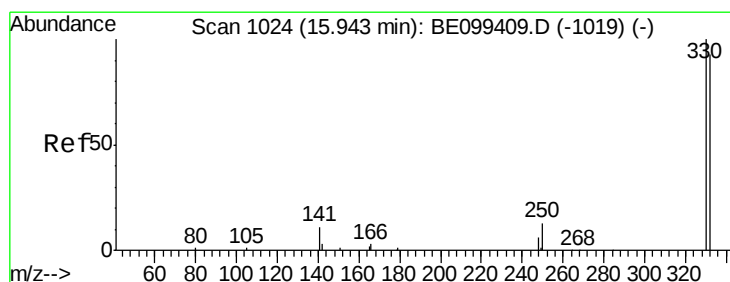
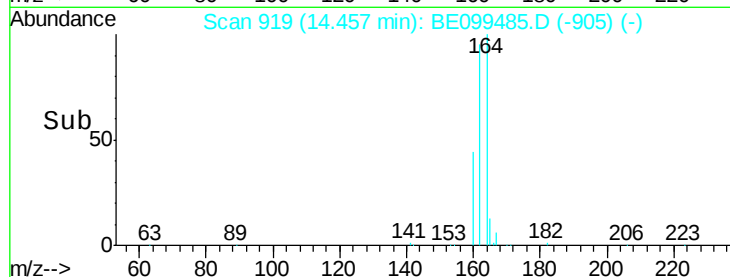
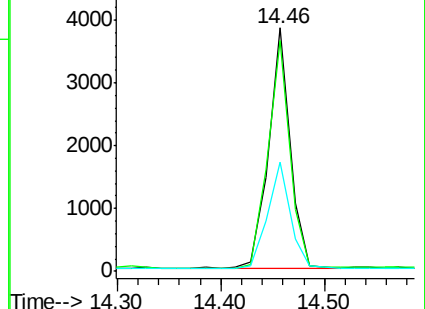
160 45.1 37.0 55.4



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: 0.273 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

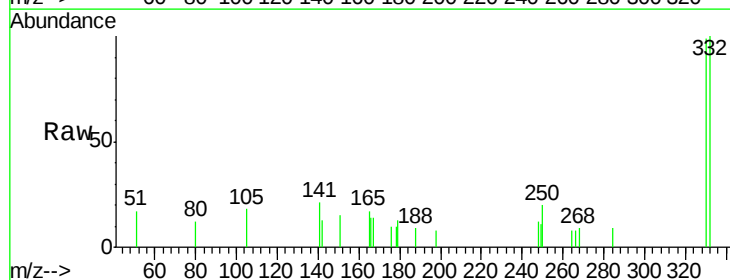
Tgt Ion:330 Resp: 962

Ion Ratio Lower Upper

330 100

332 99.1 71.5 107.3

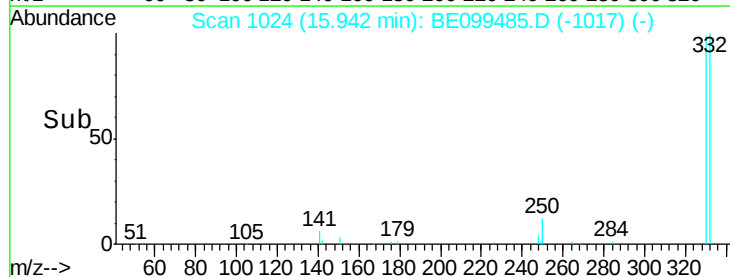
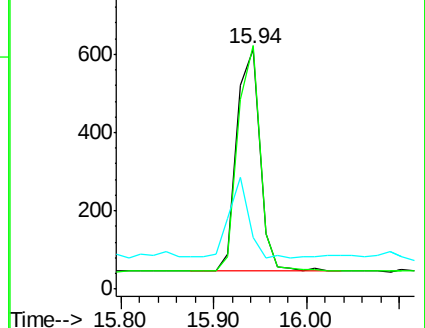
141 31.6 24.0 36.0

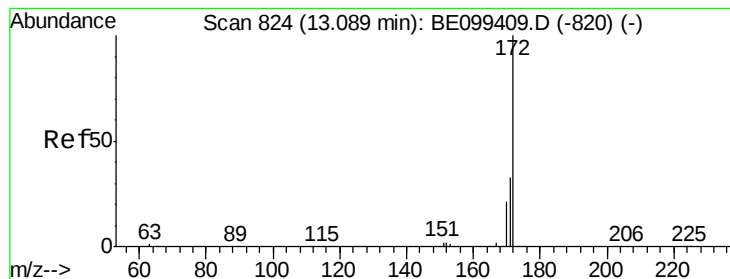


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.230 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

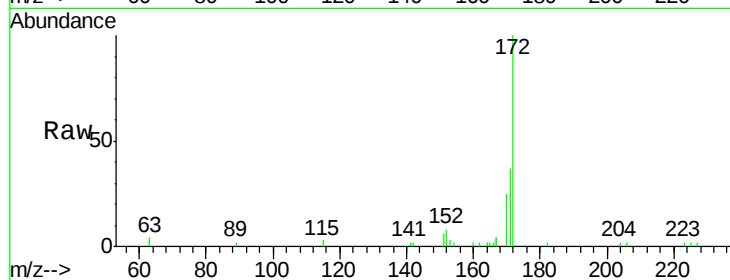
Tot Ion:172 Resp: 4906

Ion Ratio Lower Upper

172 100

171 37.1 26.6 39.8

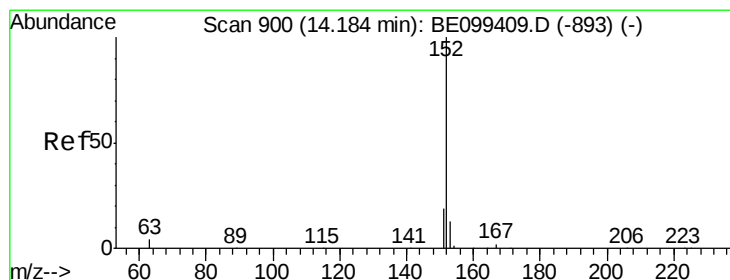
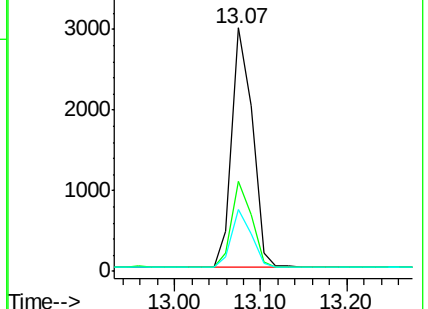
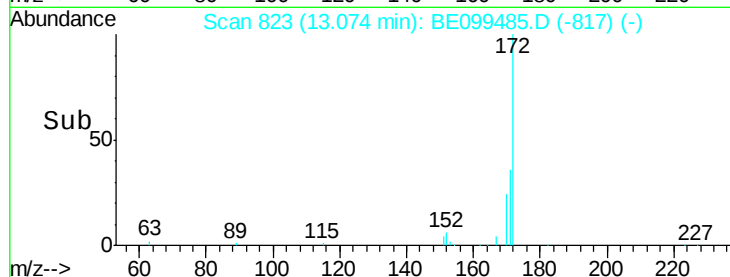
170 25.5 17.0 25.6



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: 0.588 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

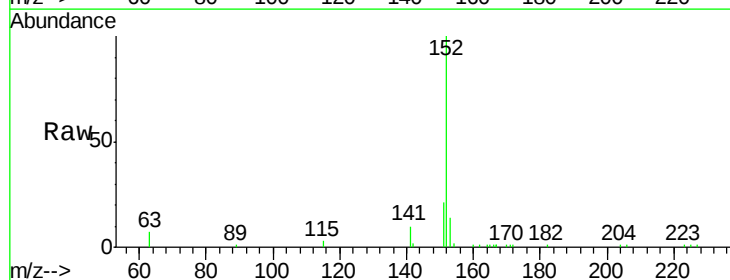
Tgt Ion:152 Resp: 16081

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.2

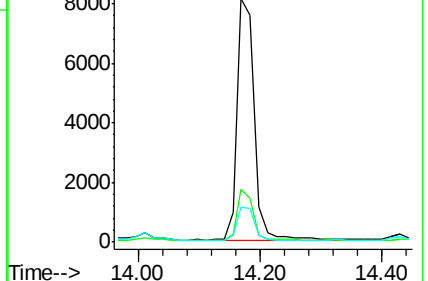
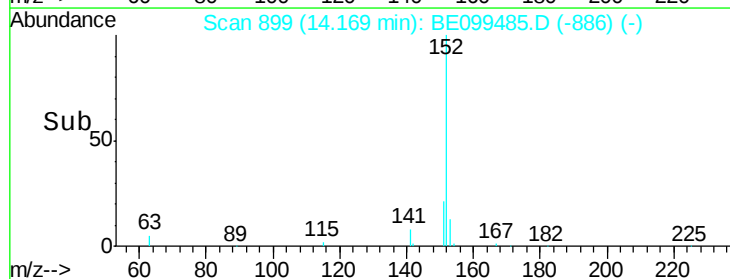
153 14.0 9.8 14.6

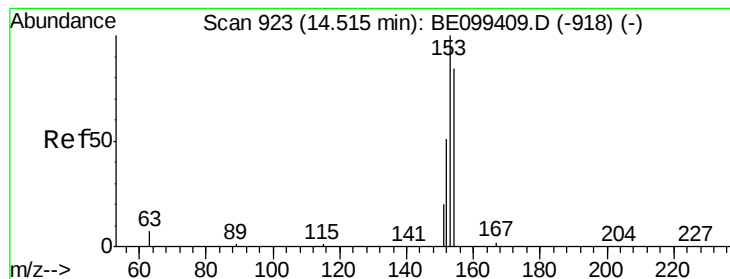


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.313 ng

RT: 14.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

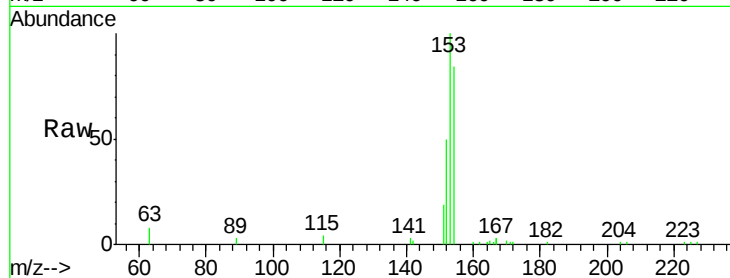
Tot Ion:154 Resp: 4880

Ion Ratio Lower Upper

154 100

153 119.1 92.6 138.8

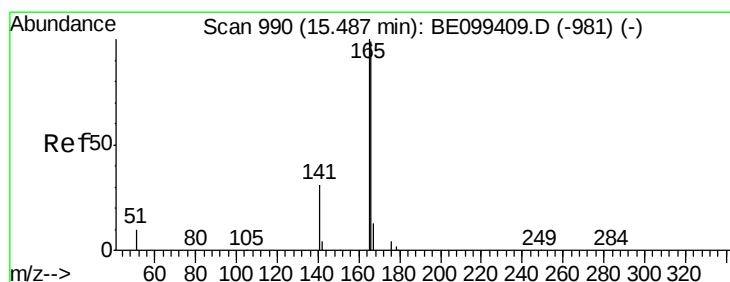
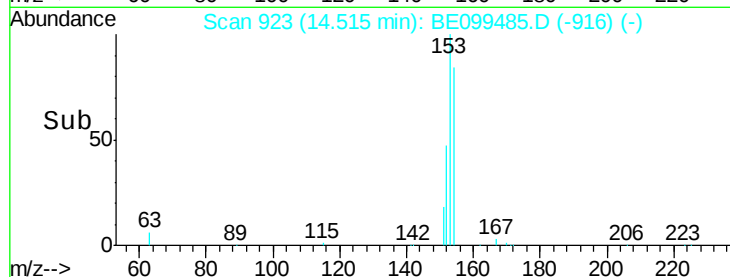
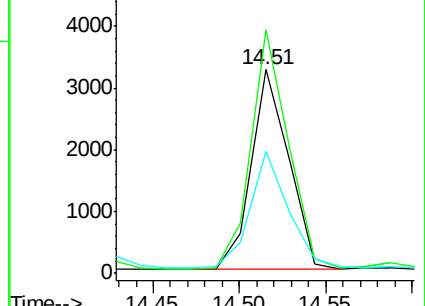
152 59.7 45.8 68.8



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: 0.453 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

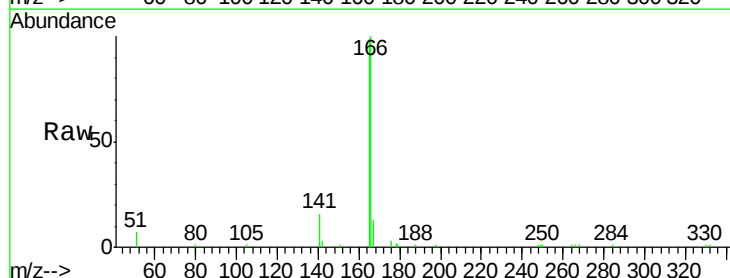
Tgt Ion:166 Resp: 10435

Ion Ratio Lower Upper

166 100

165 102.4 80.3 120.5

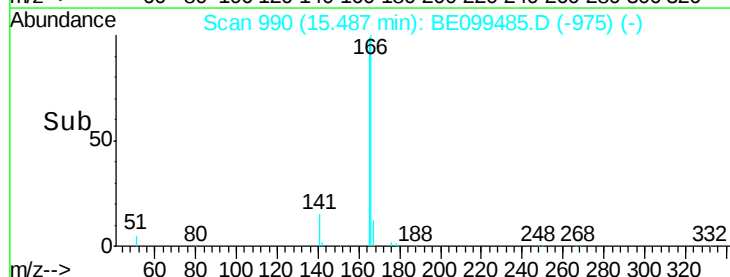
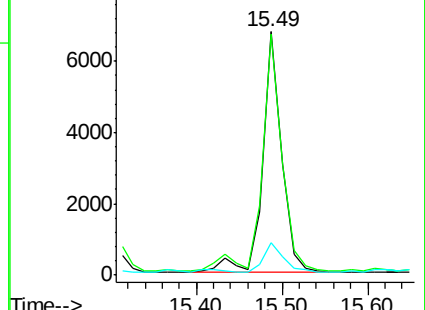
167 13.0 10.7 16.1

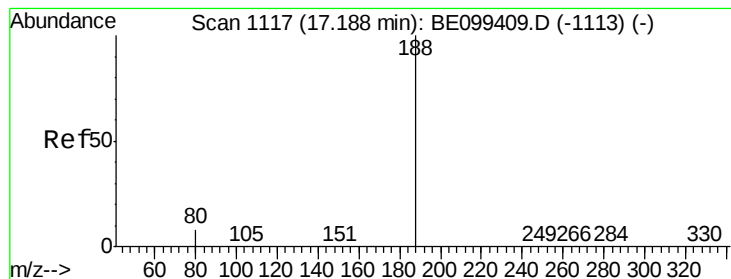


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

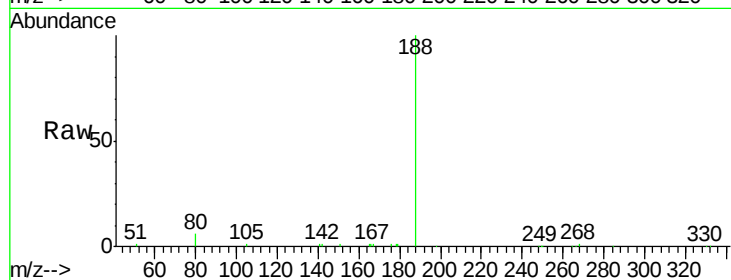
Tot Ion:188 Resp: 18050

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

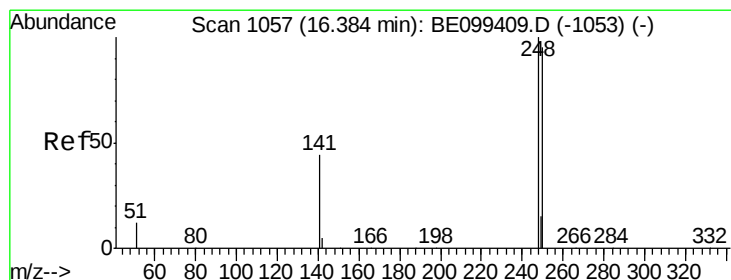
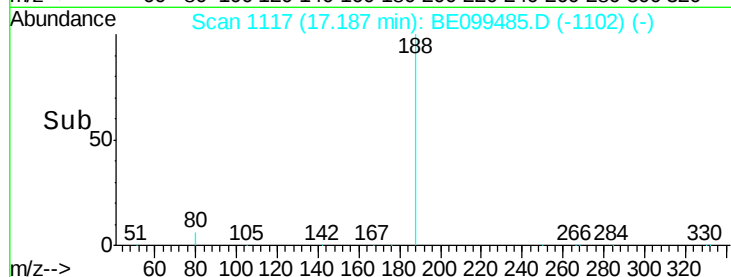
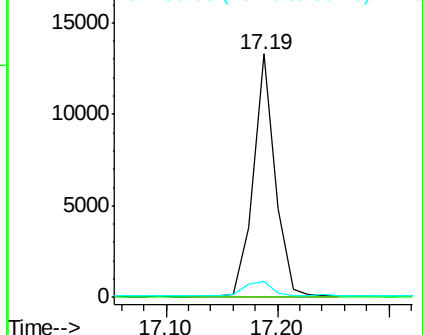
80 6.4 6.7 10.1#



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



#20

4-Bromophenyl-phenylether

Concen: 0.238 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

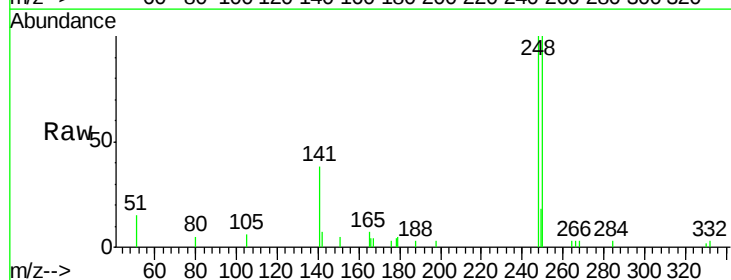
Tgt Ion:248 Resp: 2503

Ion Ratio Lower Upper

248 100

250 99.7 75.8 113.8

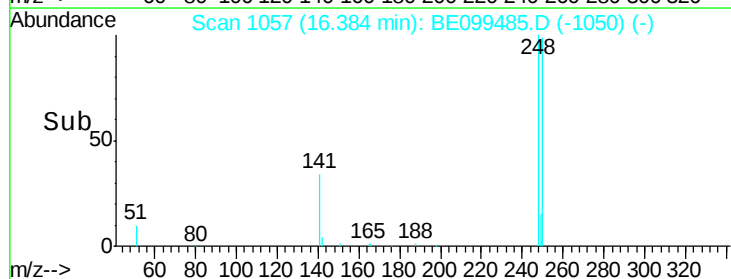
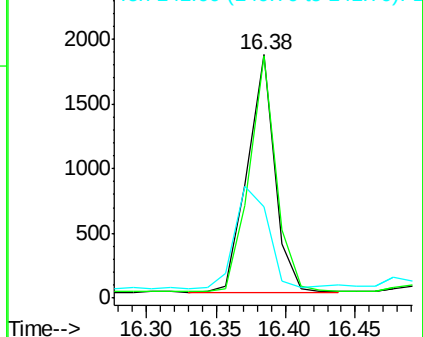
141 37.7 35.7 53.5

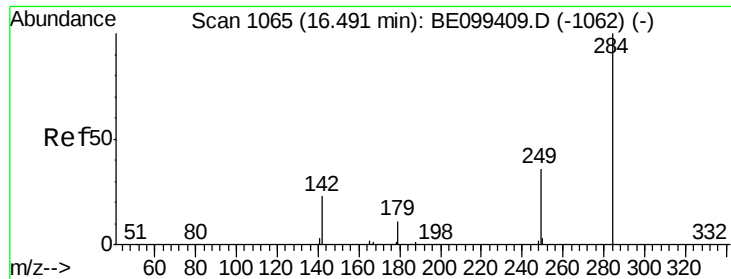


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

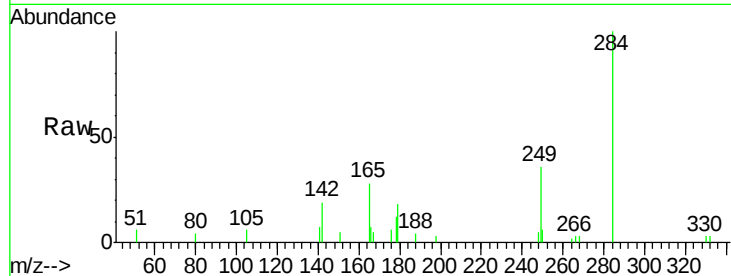




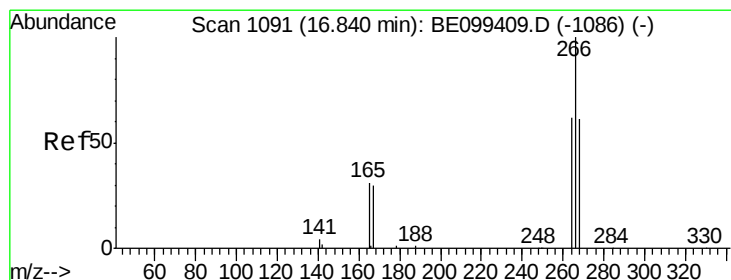
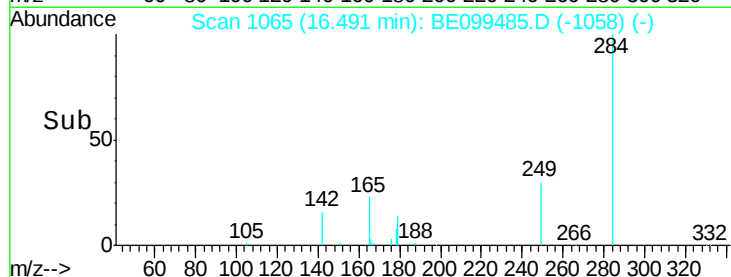
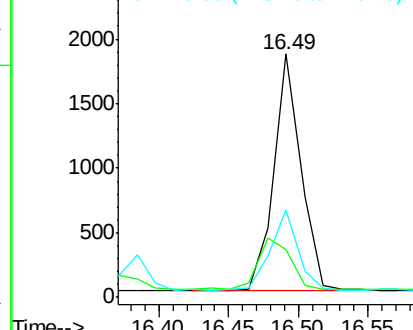
#21
Hexachlorobenzene
Concen: 0.249 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319MS

Tot Ion:284 Resp: 2495
Ion Ratio Lower Upper
284 100
142 25.5 21.0 31.6
249 34.5 26.7 40.1

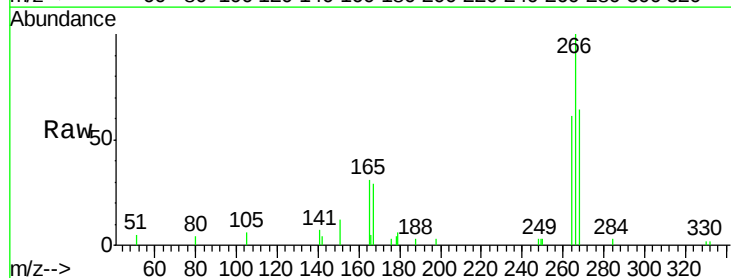


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

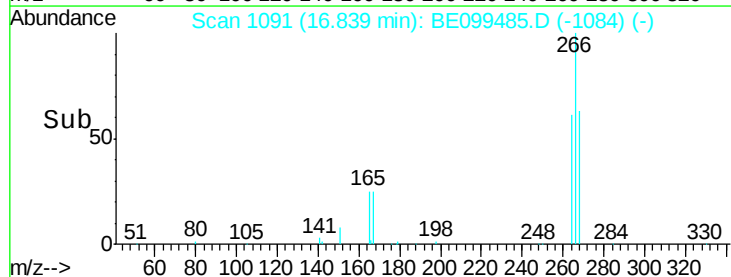
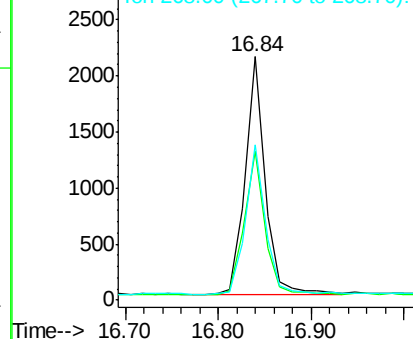


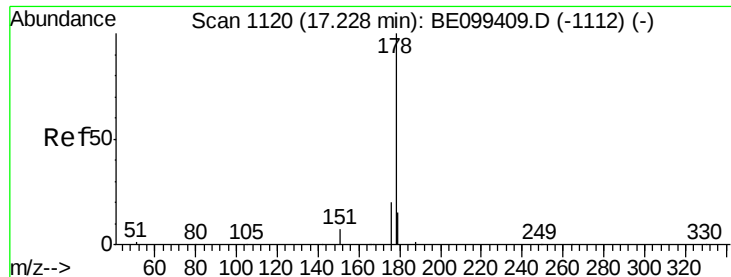
#22
Pentachlorophenol
Concen: 0.735 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Tgt Ion:266 Resp: 3131
Ion Ratio Lower Upper
266 100
264 61.4 50.8 76.2
268 63.8 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: 0.914 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

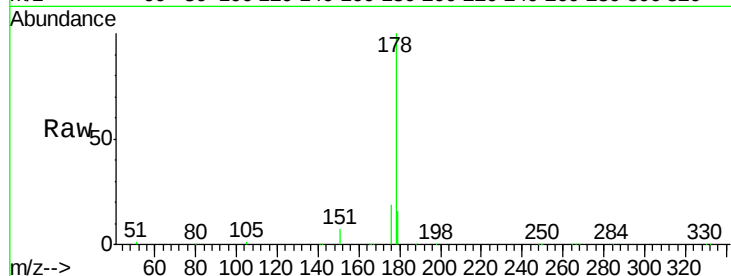
BNA_E

ClientSampleId :

PST-023-SW027-042319MS

Tot Ion:178 Resp: 42586

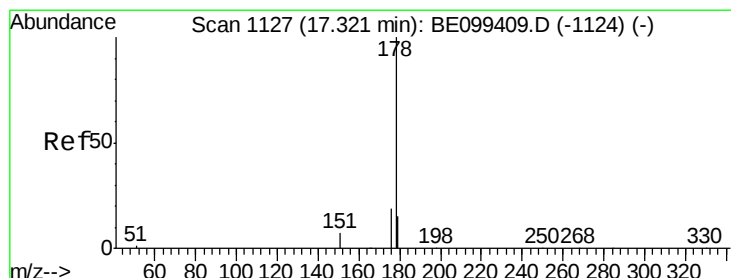
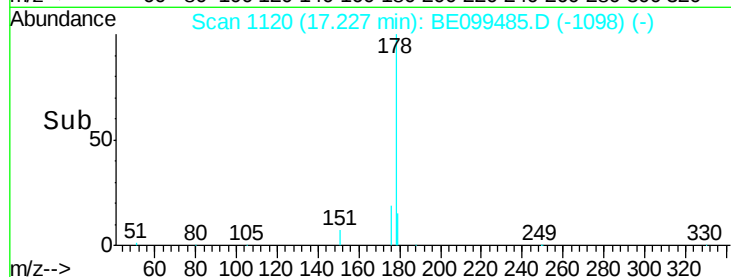
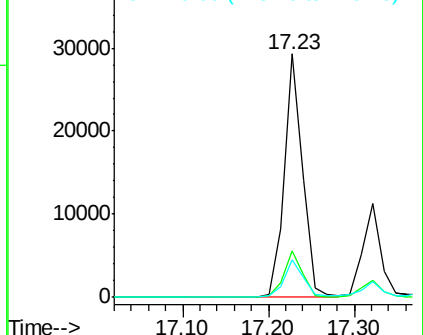
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.8	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.360 ng

RT: 17.32 min Scan# 1127

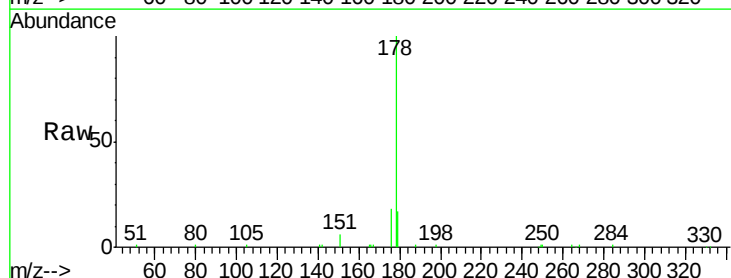
Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Tgt Ion:178 Resp: 15983

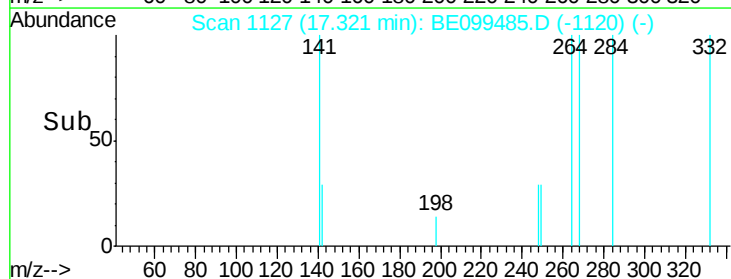
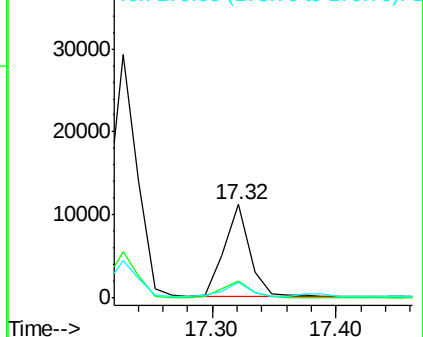
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	16.2	11.9	17.9

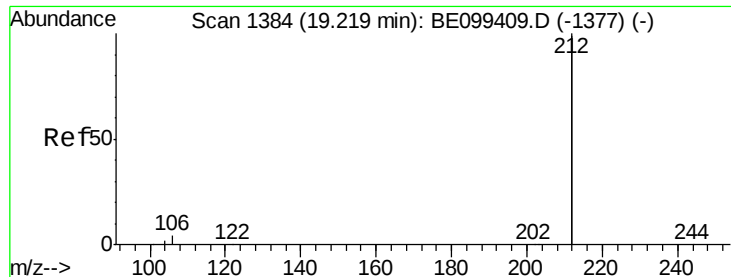


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.230 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

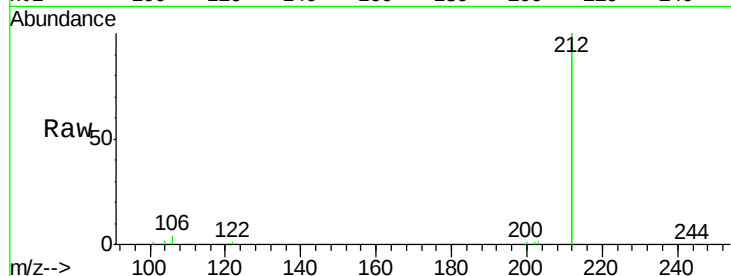
Tot Ion:212 Resp: 55867

Ion Ratio Lower Upper

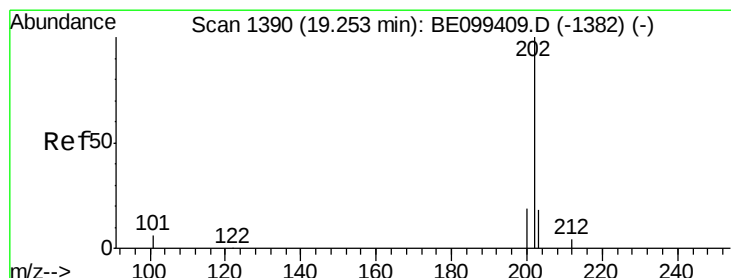
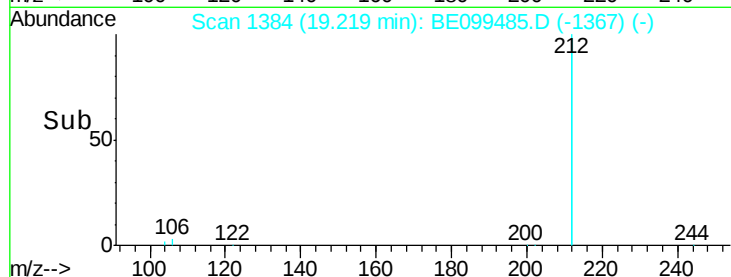
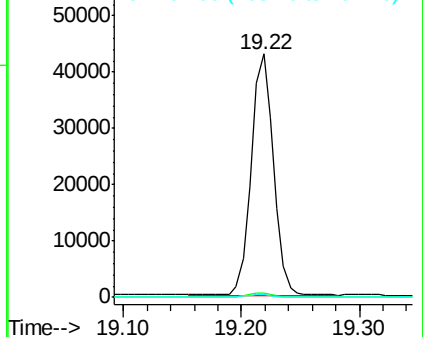
212 100

106 1.8 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: 0.959 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

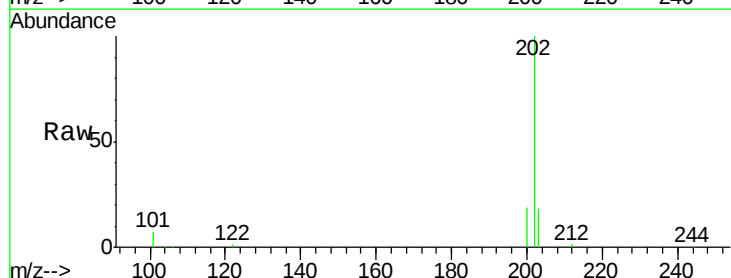
Tgt Ion:202 Resp: 66887

Ion Ratio Lower Upper

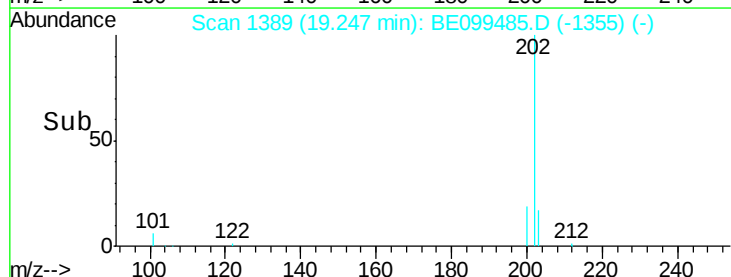
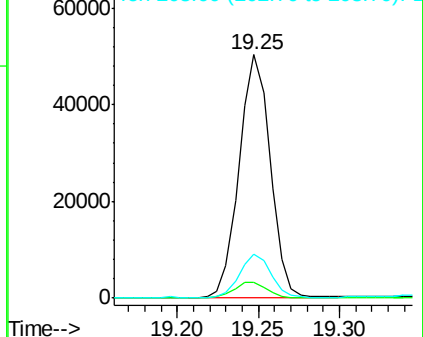
202 100

101 6.7 5.4 8.0

203 17.3 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: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

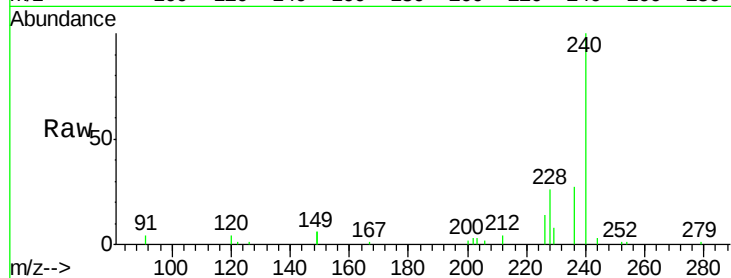
Tot Ion:240 Resp: 24345

Ion Ratio Lower Upper

240 100

120 3.5 4.0 6.0#

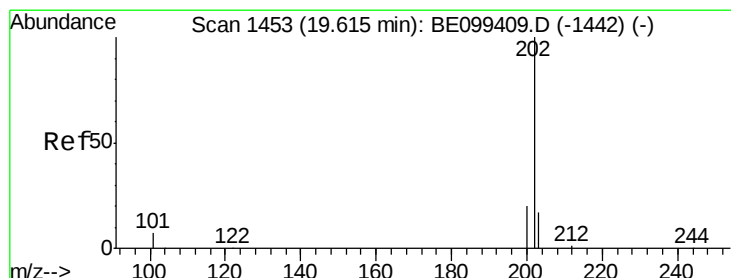
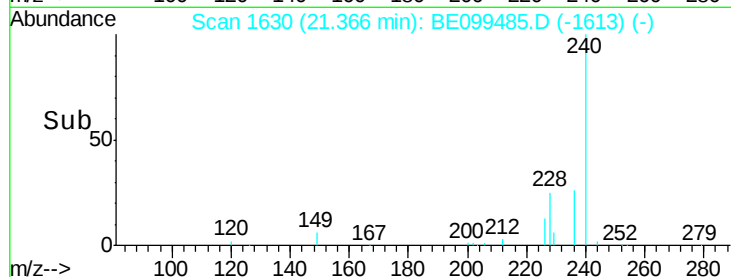
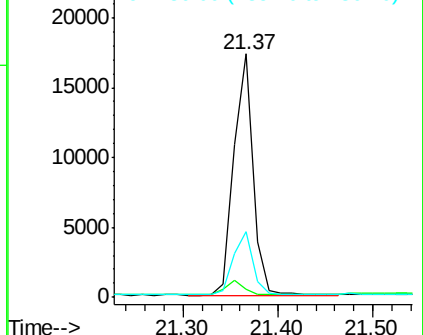
236 27.1 22.0 33.0



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: 1.061 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

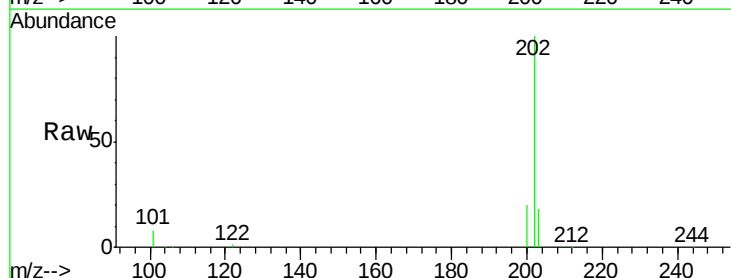
Tgt Ion:202 Resp: 67319

Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

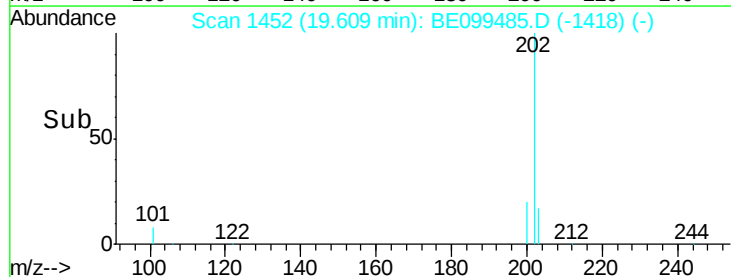
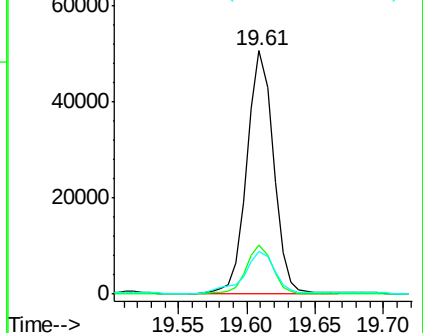
203 19.8 13.9 20.9

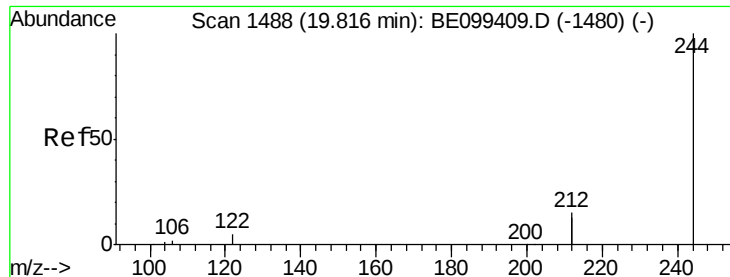


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.275 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

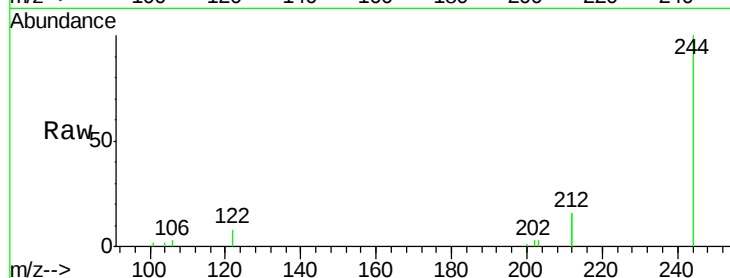
Tot Ion:244 Resp: 12278

Ion Ratio Lower Upper

244 100

212 31.8 23.2 34.8

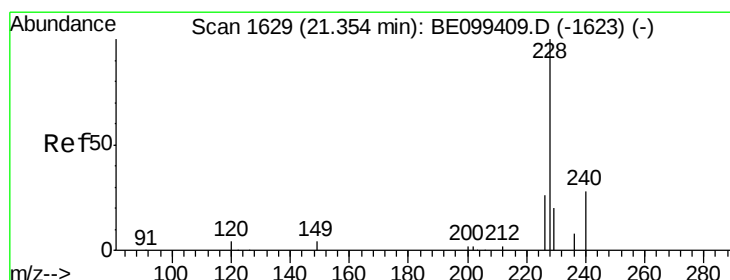
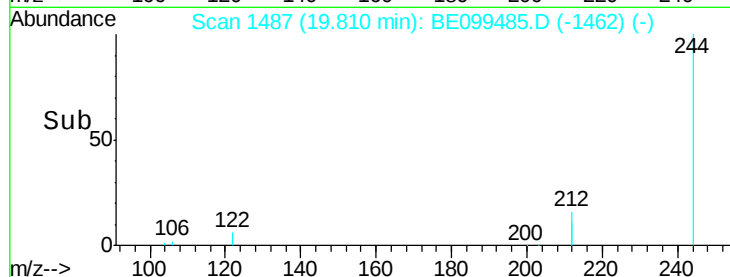
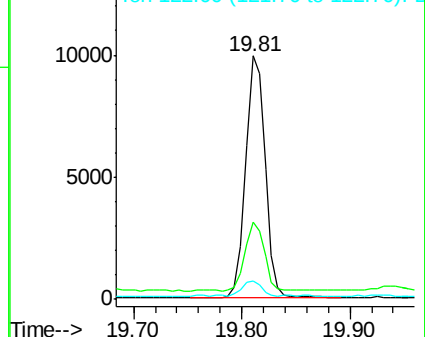
122 7.7 4.2 6.4#



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: 0.672 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

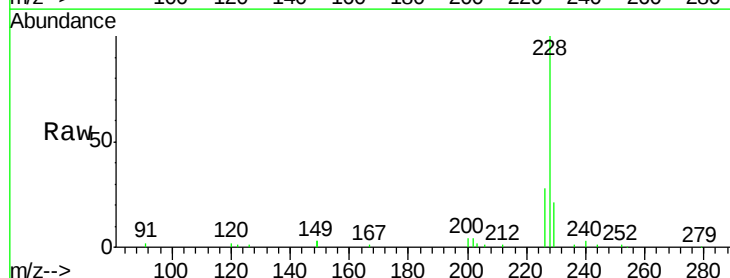
Tgt Ion:228 Resp: 52145

Ion Ratio Lower Upper

228 100

226 28.4 21.0 31.6

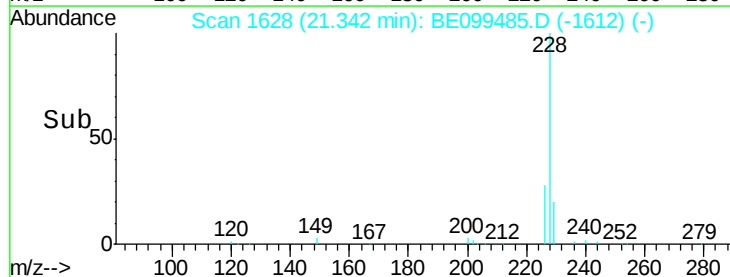
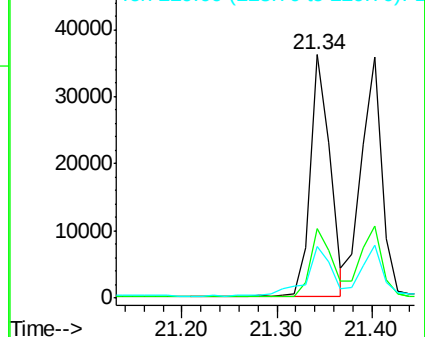
229 21.0 16.6 25.0



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: 0.709 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

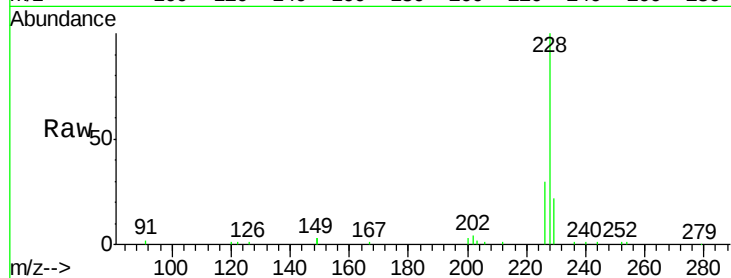
Tot Ion:228 Resp: 53814

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

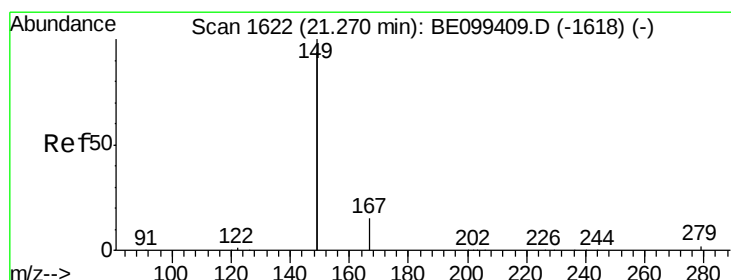
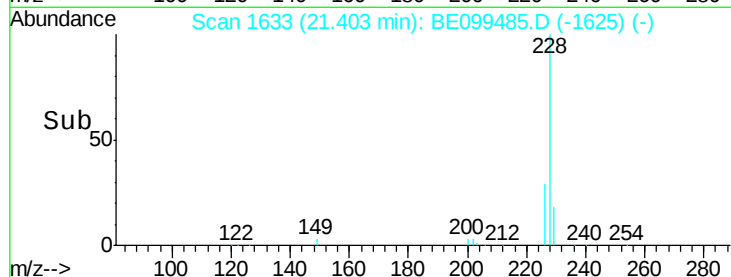
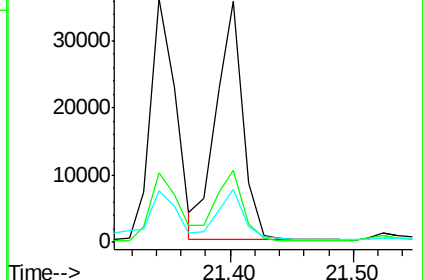
229 21.9 15.8 23.8



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: 0.369 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

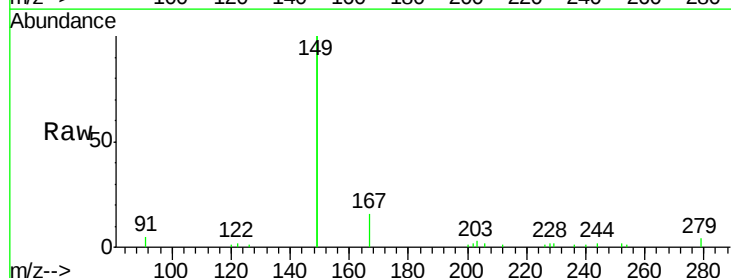
Tgt Ion:149 Resp: 48174

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

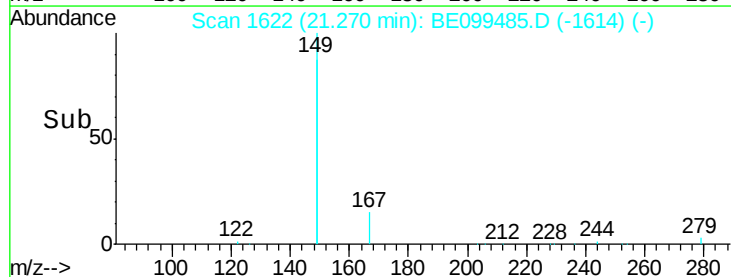
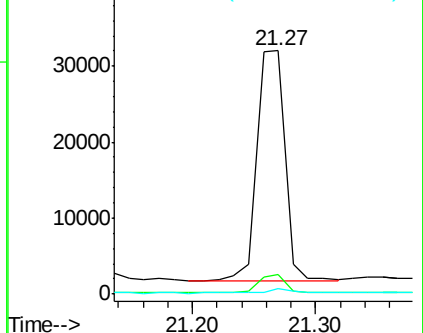
279 1.6 1.0 1.6#



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

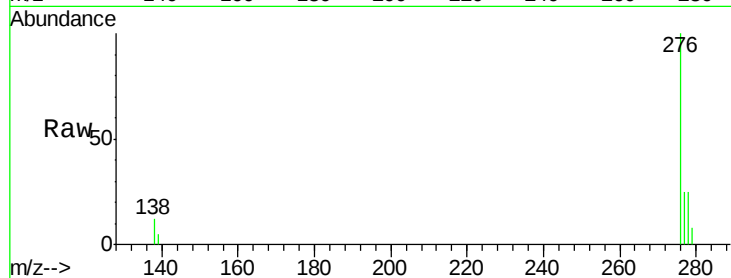




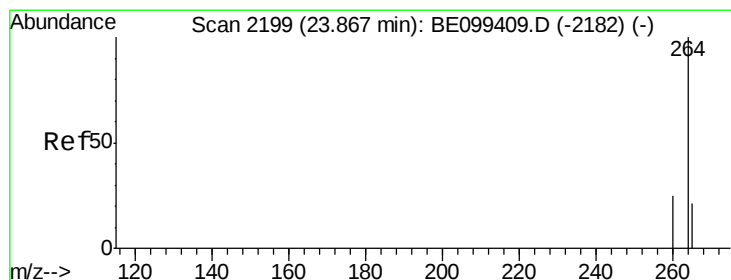
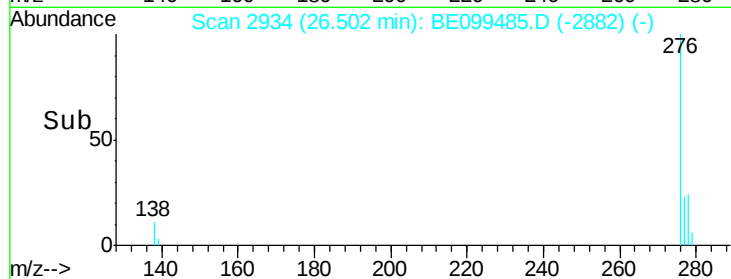
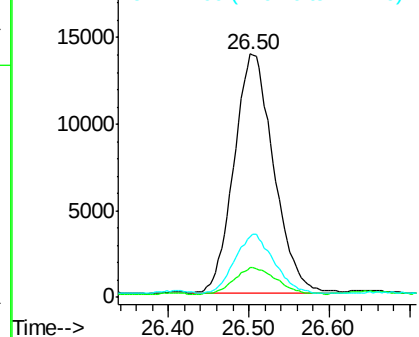
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.525 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319MS

Tot Ion:276 Resp: 47090
Ion Ratio Lower Upper
276 100
138 12.0 10.2 15.2
277 24.3 19.2 28.8

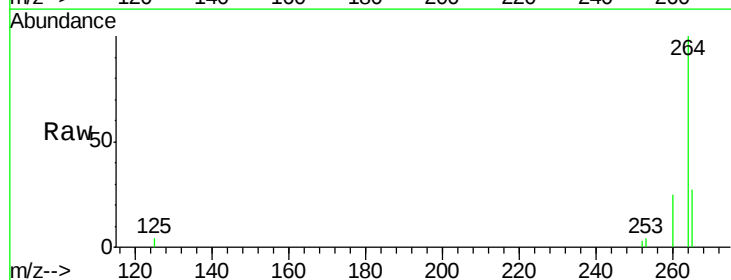


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

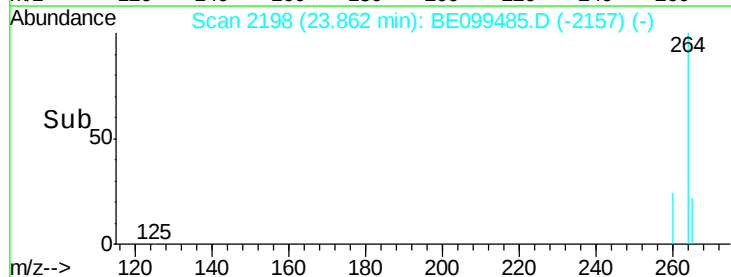
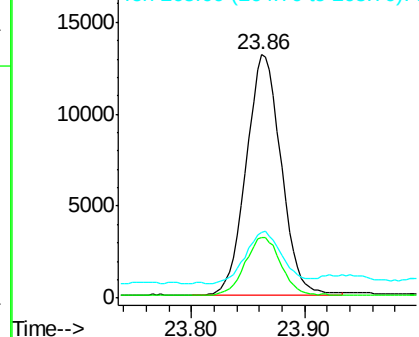


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Tgt Ion:264 Resp: 28031
Ion Ratio Lower Upper
264 100
260 24.9 20.2 30.2
265 27.2 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: 0.735 ng

RT: 23.09 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

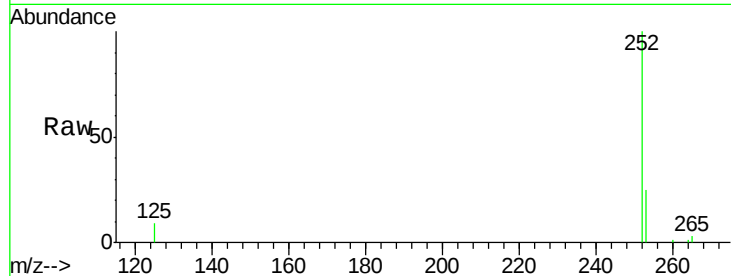
Tot Ion:252 Resp: 59371

Ion Ratio Lower Upper

252 100

253 24.8 18.1 27.1

125 9.5 5.6 8.4#

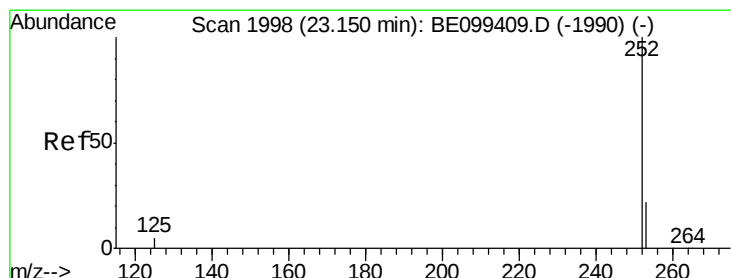
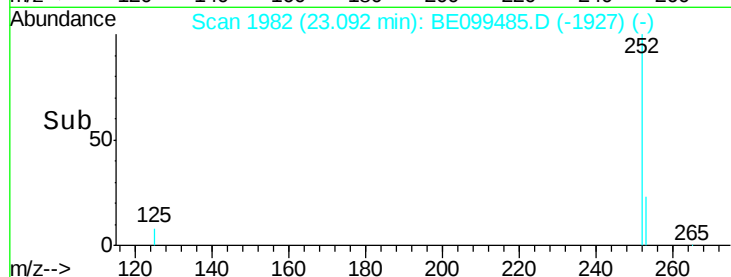
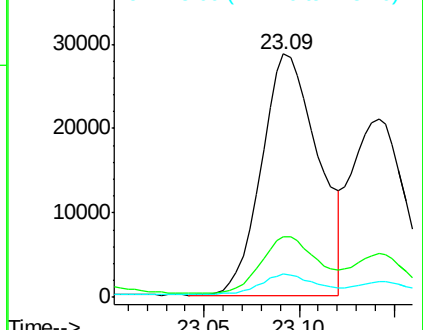


Abundance

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: 0.484 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

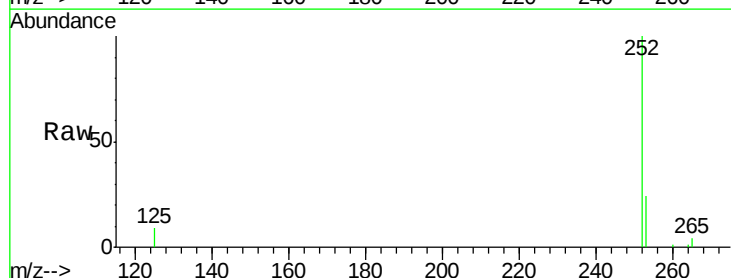
Tgt Ion:252 Resp: 37716

Ion Ratio Lower Upper

252 100

253 24.4 18.4 27.6

125 8.5 5.0 7.4#

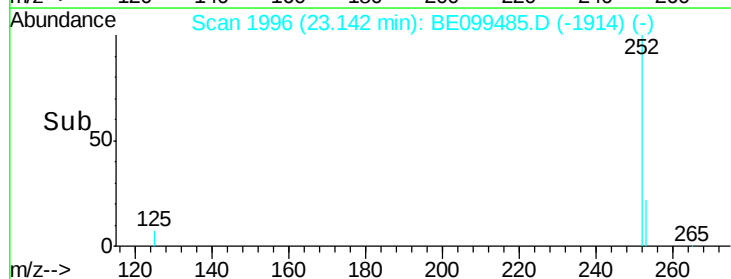
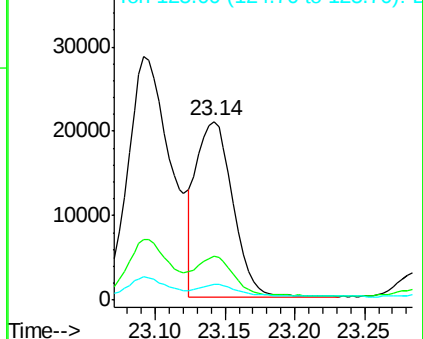


Abundance

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: 0.651 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

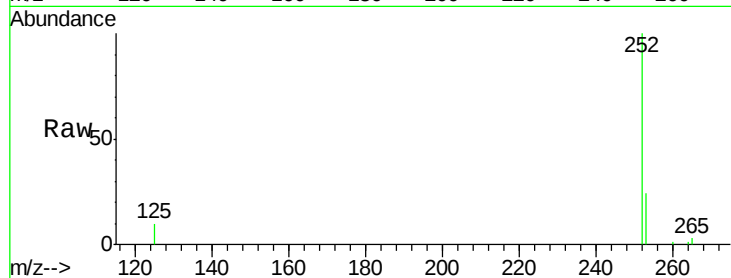
Tot Ion:252 Resp: 49742

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

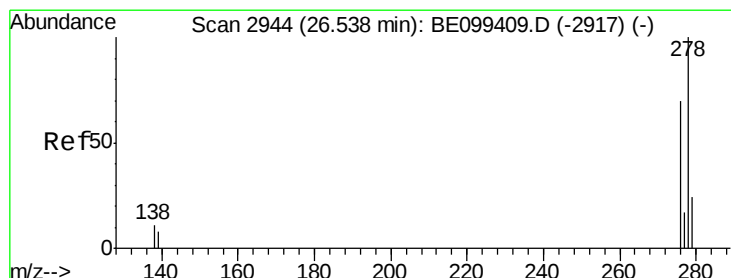
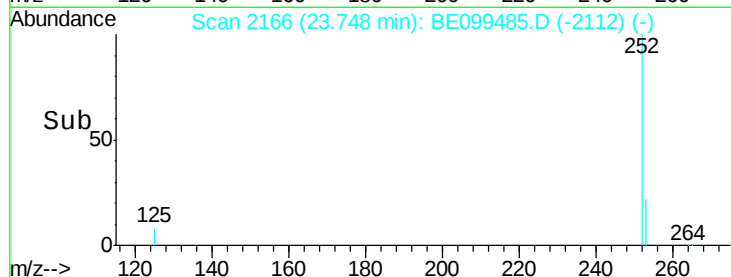
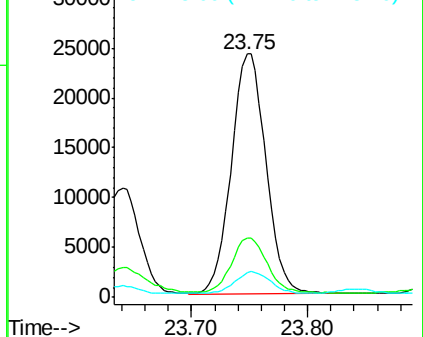
125 9.9 6.7 10.1



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: 0.342 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

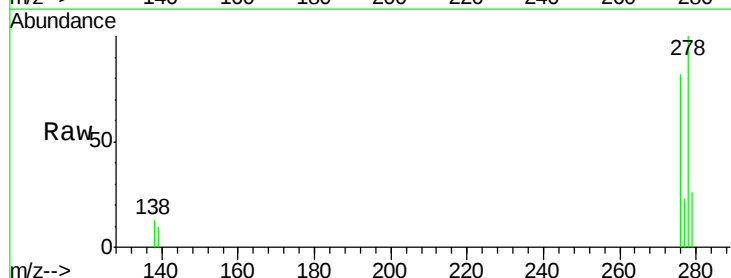
Tgt Ion:278 Resp: 26715

Ion Ratio Lower Upper

278 100

139 10.0 7.7 11.5

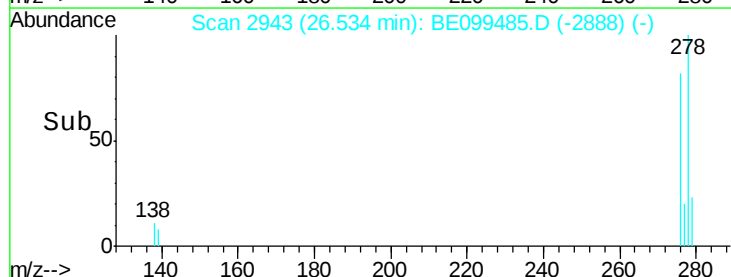
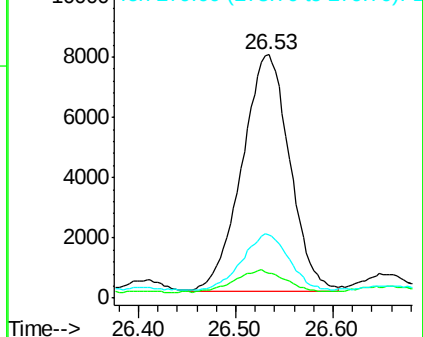
279 26.1 20.2 30.2



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: 0.561 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BE099485.D

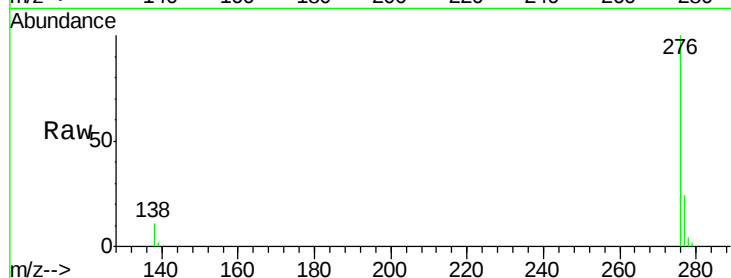
Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS



Tot Ion: 276 Resp: 43941

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 11.0 9.6 14.4

