

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099481.D
 Acq On : 2 May 2019 2:09
 Operator : JU/SJ
 Sample : K2589-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B195-042519

Quant Time: May 02 07:44:34 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	7.78	152	22	0.40	ng	-0.03
7) Naphthalene-d8	10.56	136	15	0.40	ng	-0.04
13) Acenaphthene-d10	14.46	164	3	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	31	0.40	ng	0.00
27) Chrysene-d12	21.33	240	15	0.40	ng	-0.04
34) Perylene-d12	23.82	264	7	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	21	0.35	ng	-0.04
5) Phenol-d6	6.98	99	18	0.22	ng	0.00
8) Nitrobenzene-d5	8.93	82	19	1.35	ng	-0.04
11) 2-Methylnaphthalene-d10	12.12	152	12	0.44	ng	-0.07
14) 2,4,6-Tribromophenol	15.97	330	3	1.59	ng	0.03
15) 2-Fluorobiphenyl	13.09	172	16	1.40	ng	0.00
25) Fluoranthene-d10	19.22	212	68	0.16	ng	0.00
29) Terphenyl-d14	19.78	244	1	0.04	ng	-0.04

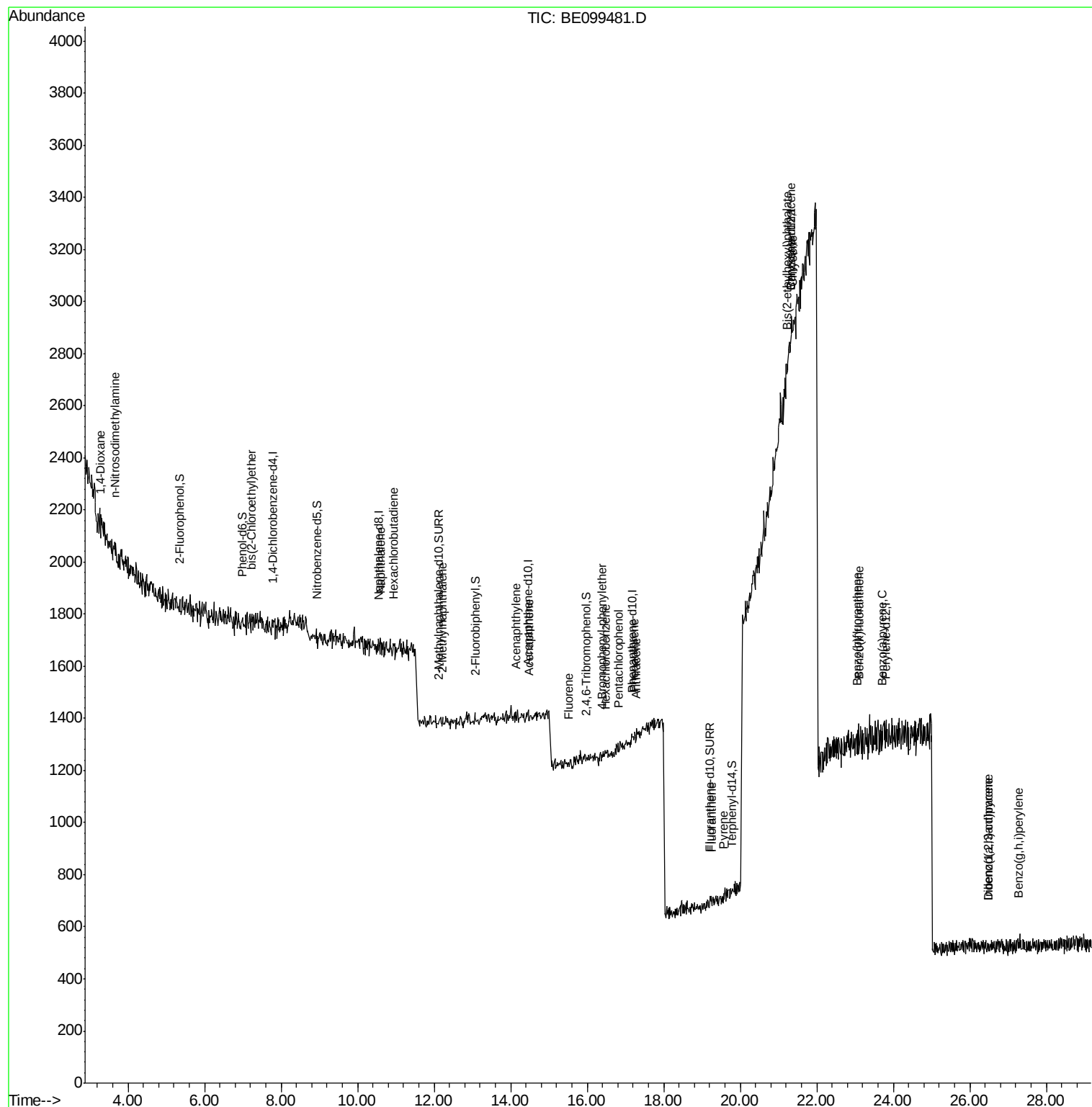
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	24	0.793	ng	# 1
3) n-Nitrosodimethylamine	3.65	42	15	0.822	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	15	0.215	ng	# 1
9) Naphthalene	10.59	128	72	0.440	ng	# 43
10) Hexachlorobutadiene	10.93	225	5	0.440	ng	# 36
12) 2-Methylnaphthalene	12.22	142	13	0.457	ng	# 52
16) Acenaphthylene	14.14	152	25	1.703	ng	# 1
17) Acenaphthene	14.47	154	6	0.716	ng	# 65
18) Fluorene	15.52	166	19	1.536	ng	# 8
20) 4-Bromophenyl-phenylether	16.39	248	8	0.443	ng	# 70
21) Hexachlorobenzene	16.48	284	4	0.233	ng	# 1
22) Pentachlorophenol	16.83	266	5	0.699	ng	# 60
23) Phenanthrene	17.23	178	30	0.375	ng	# 60
24) Anthracene	17.27	178	5	0.066	ng	# 1
26) Fluoranthene	19.24	202	22	0.184	ng	# 78
28) Pyrene	19.57	202	12	0.307	ng	# 1
30) Benzo(a)anthracene	21.33	228	15	0.314	ng	# 1
31) Chrysene	21.38	228	41	0.877	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.22	149	239	3.474	ng	# 76
33) Indeno(1,2,3-cd)pyrene	26.47	276	9	0.163	ng	# 1
35) Benzo(b)fluoranthene	23.05	252	8	0.396	ng	# 1
36) Benzo(k)fluoranthene	23.10	252	18	0.925	ng	# 1
37) Benzo(a)pyrene	23.71	252	13	0.681	ng	# 1
38) Dibenzo(a,h)anthracene	26.48	278	4	0.205	ng	# 1
39) Benzo(g,h,i)perylene	27.28	276	6	0.307	ng	# 1

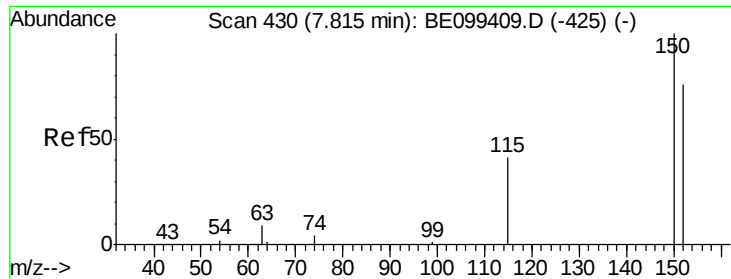
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 427

Delta R.T. -0.03 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

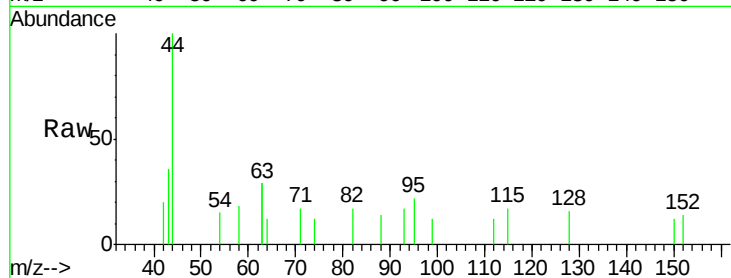
Tgt Ion: 152 Resp: 22

Ion Ratio Lower Upper

152 100

150 84.2 104.8 157.2#

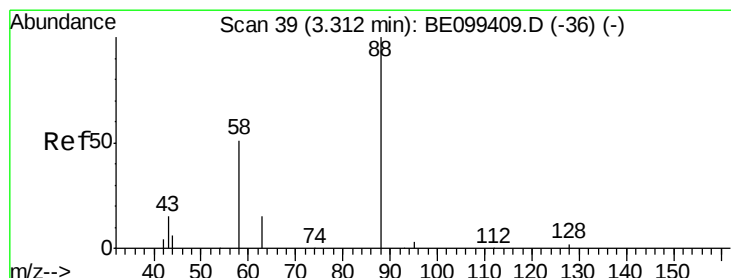
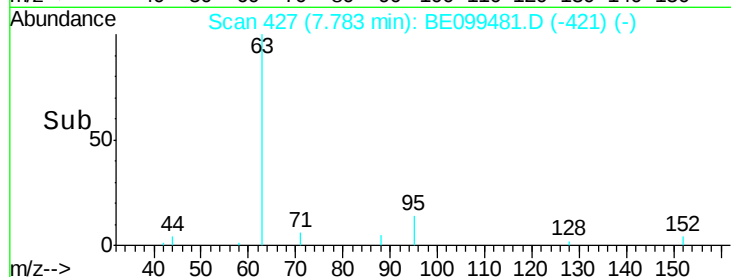
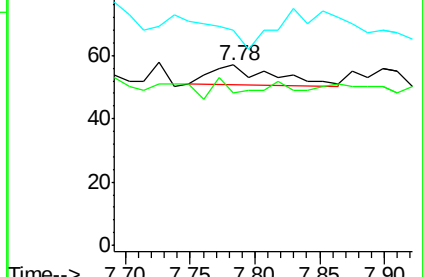
115 119.3 46.6 69.8#



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: 0.793 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.03 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

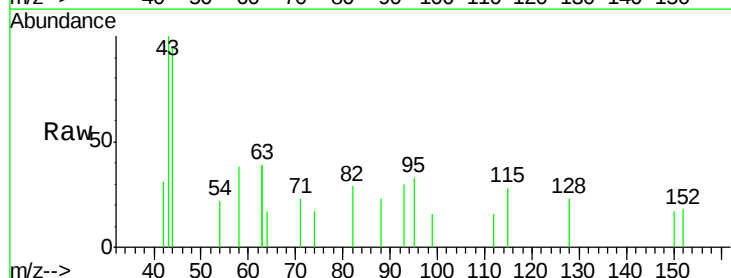
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

58 200.0 51.0 76.6#

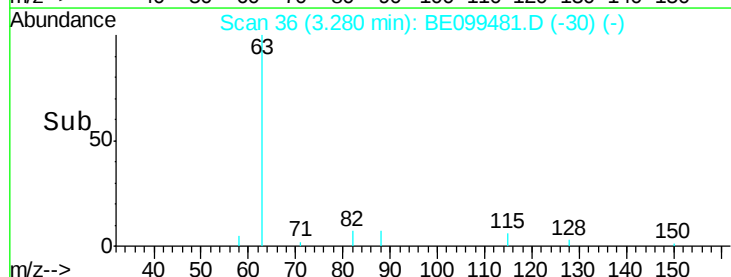
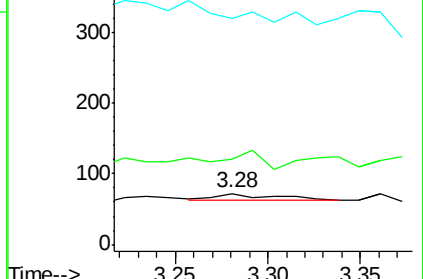
43 0.0 20.6 30.8#

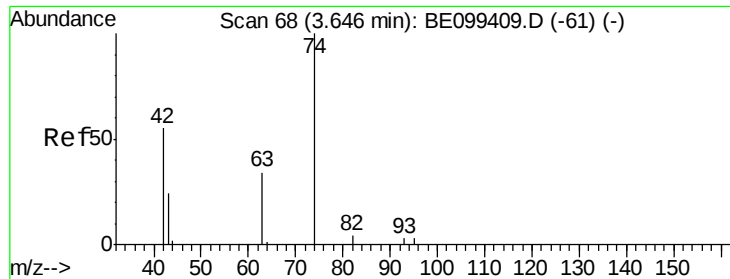


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.822 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

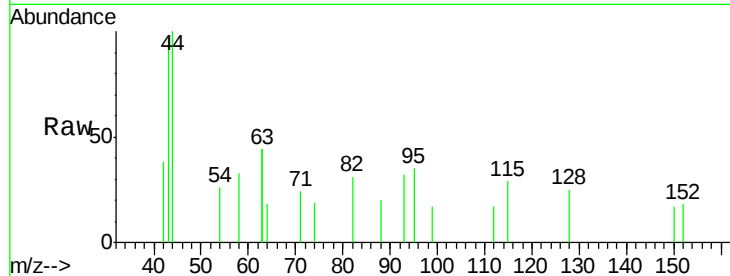
Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

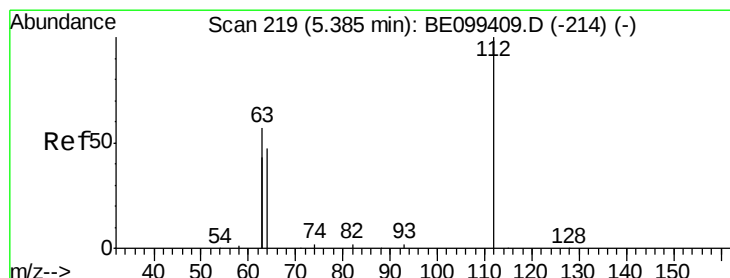
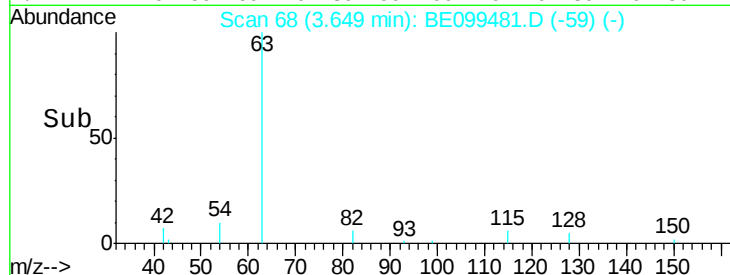
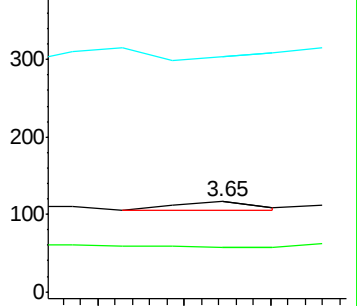
Tgt Ion:	42	Resp:	15
Ion	Ratio	Lower	Upper
42	100		
74	0.0	141.6	212.4#
44	0.0	0.0	0.0



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: 0.345 ng

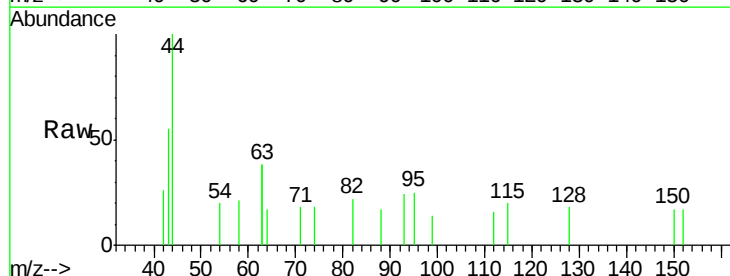
RT: 5.34 min Scan# 215

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

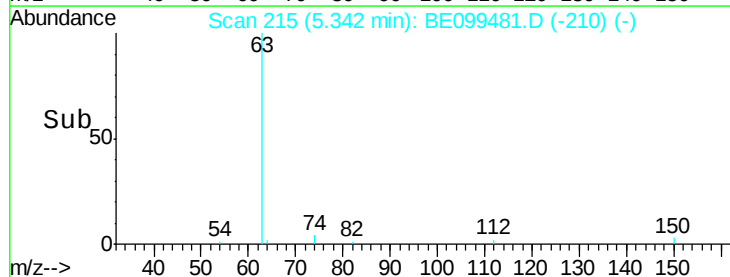
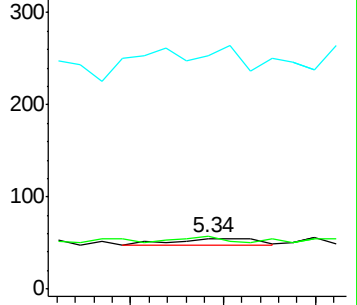
Tgt Ion:	112	Resp:	21
Ion	Ratio	Lower	Upper
112	100		
64	38.1	47.4	71.0#
63	757.1	104.3	156.5#

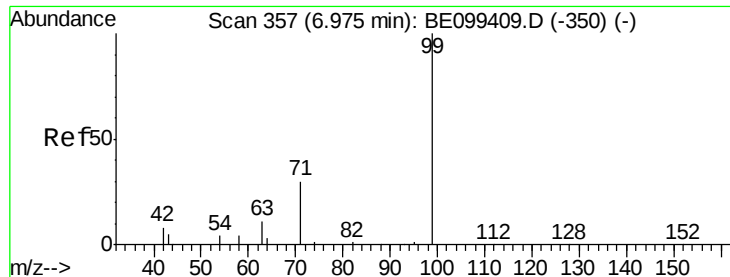


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.222 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

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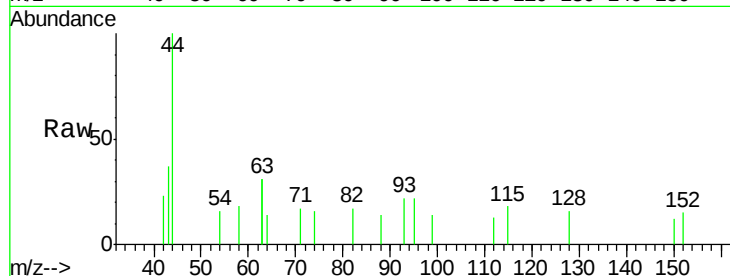
Tgt Ion: 99 Resp: 18

Ion Ratio Lower Upper

99 100

42 194.4 14.9 22.3#

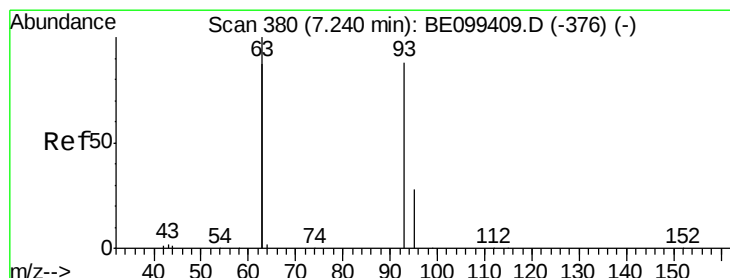
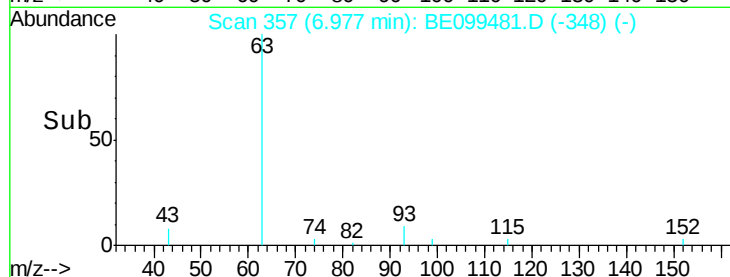
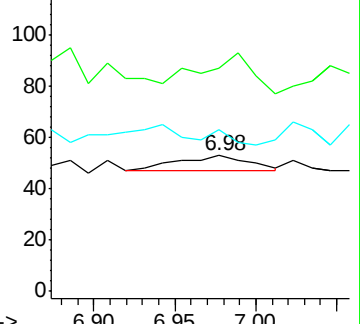
71 0.0 33.0 49.6#



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: 0.215 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

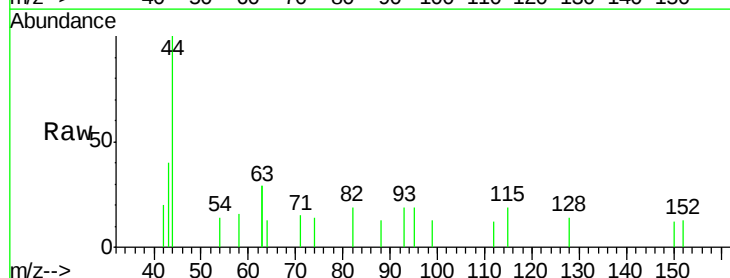
Tgt Ion: 93 Resp: 15

Ion Ratio Lower Upper

93 100

63 0.0 215.6 323.4#

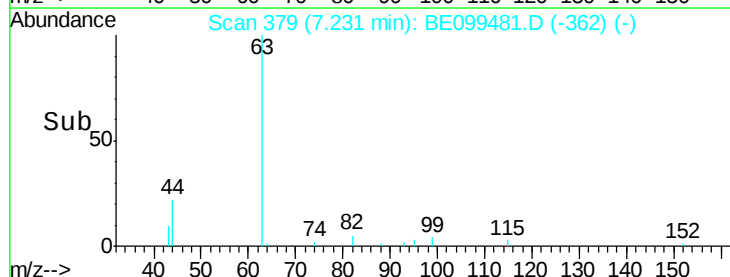
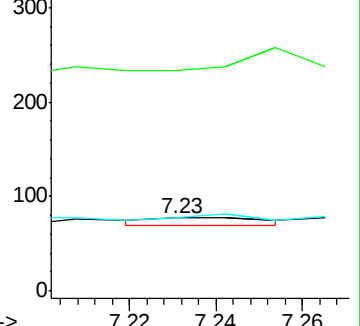
95 0.0 26.2 39.2#



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: 10.56 min Scan# 646

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

Tgt Ion: 136 Resp: 15

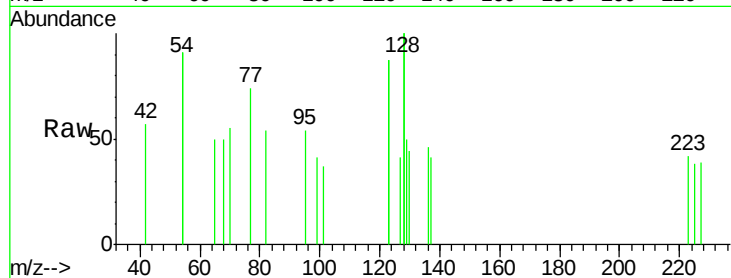
Ion Ratio Lower Upper

136 100

137 91.1 9.8 14.8#

54 400.0 18.5 27.7#

68 108.9 4.7 7.1#

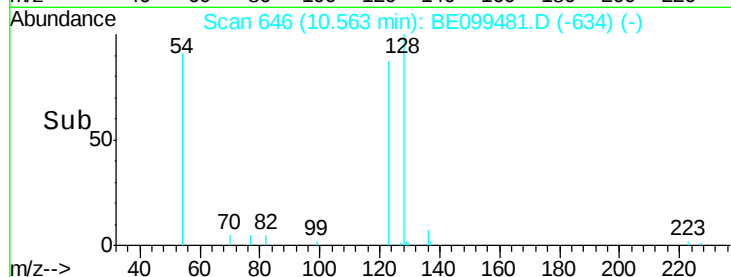
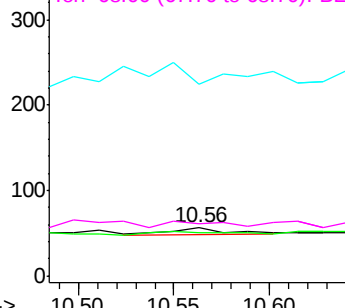


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.351 ng

RT: 8.93 min Scan# 520

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

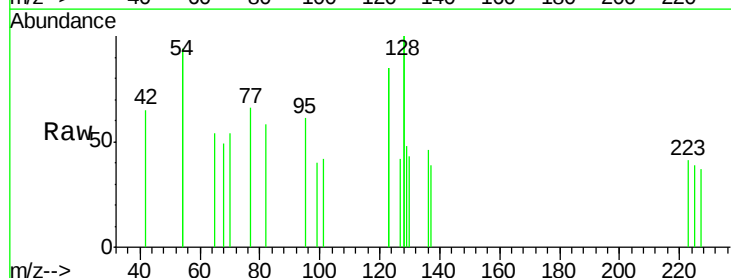
Tgt Ion: 82 Resp: 19

Ion Ratio Lower Upper

82 100

128 343.7 107.0 160.4#

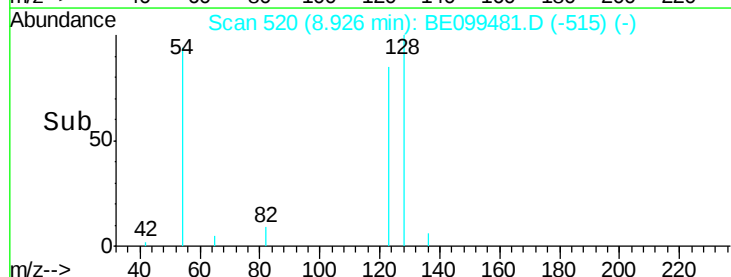
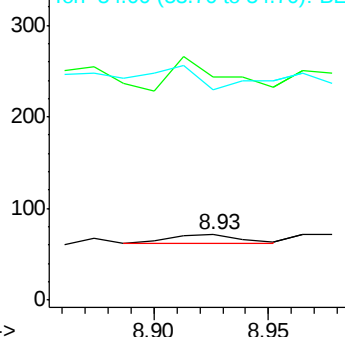
54 323.9 113.1 169.7#

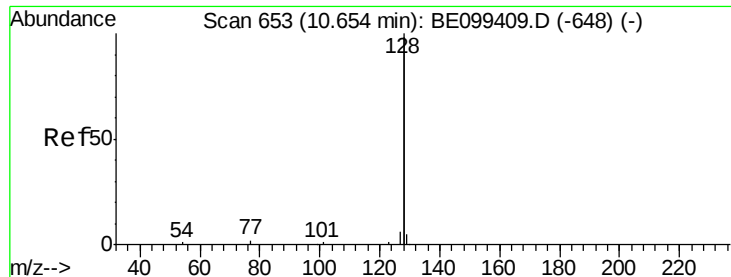


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

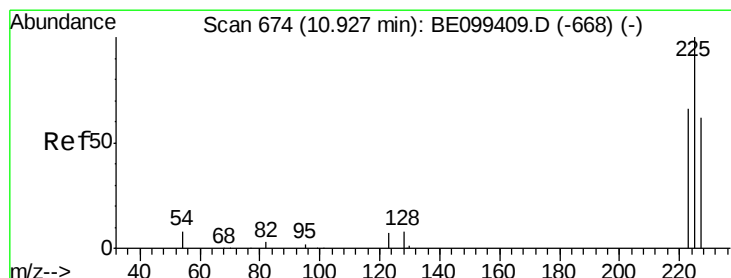
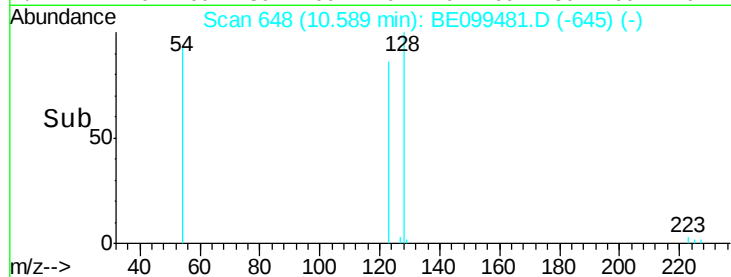
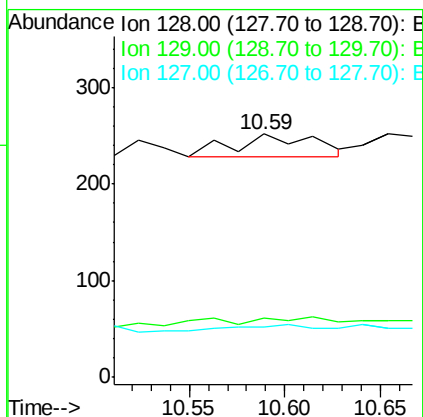
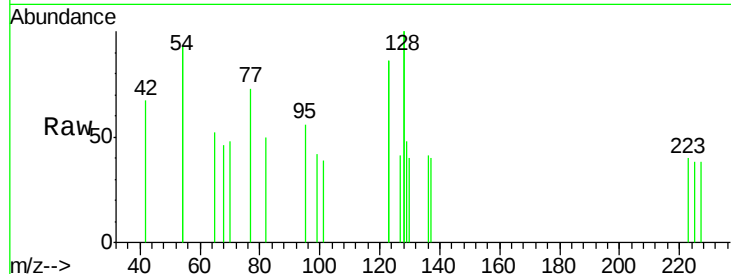




#9
Naphthalene
Concen: 0.440 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.07 min
Lab File: BE099481.D
Acq: 2 May 2019 2:09

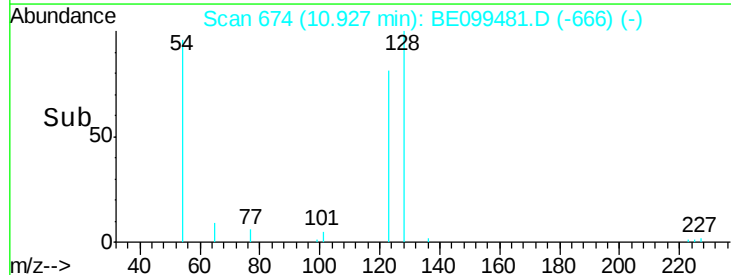
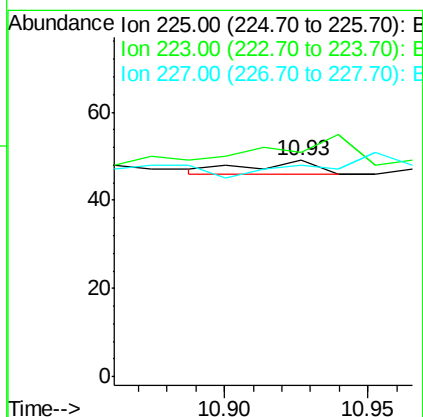
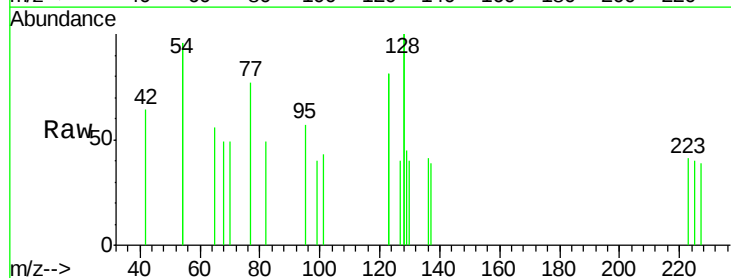
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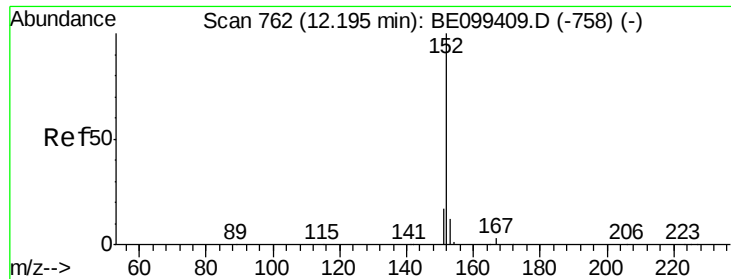
Tgt Ion:128 Resp: 72
Ion Ratio Lower Upper
128 100
129 24.2 2.4 3.6#
127 20.6 2.8 4.2#



#10
Hexachlorobutadiene
Concen: 0.440 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099481.D
Acq: 2 May 2019 2:09

Tgt Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 100.0 51.0 76.6#
227 0.0 50.9 76.3#

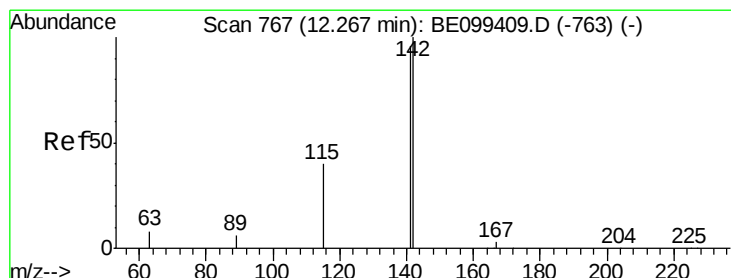
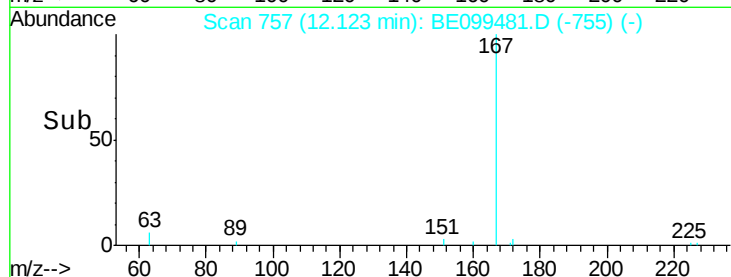
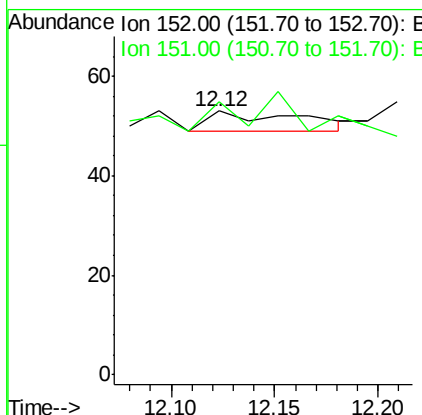
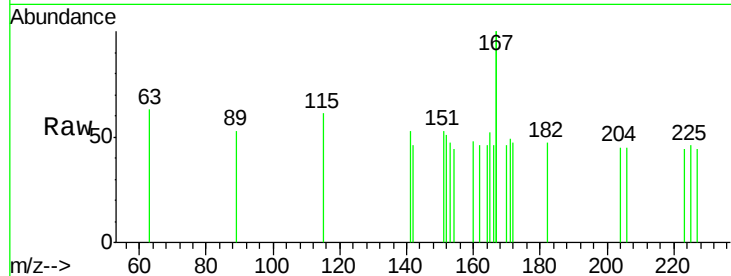




#11
 2-Methylnaphthalene-d10
 Concen: 0.444 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BE099481.D
 Acq: 2 May 2019 2:09

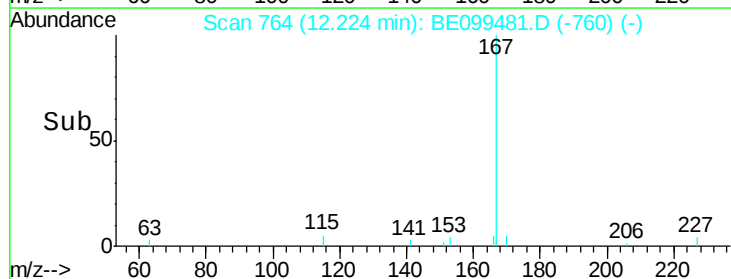
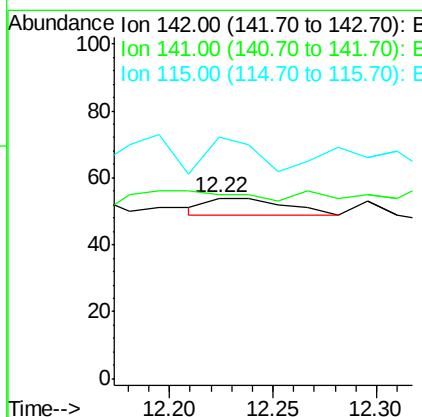
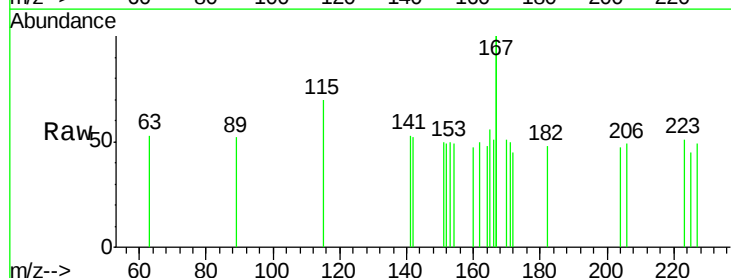
Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B195-042519

Tgt Ion:152 Resp: 12
 Ion Ratio Lower Upper
 152 100
 151 50.0 15.5 23.3#



#12
 2-Methylnaphthalene
 Concen: 0.457 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.04 min
 Lab File: BE099481.D
 Acq: 2 May 2019 2:09

Tgt Ion:142 Resp: 13
 Ion Ratio Lower Upper
 142 100
 141 101.9 77.0 115.4
 115 133.3 33.4 50.0#

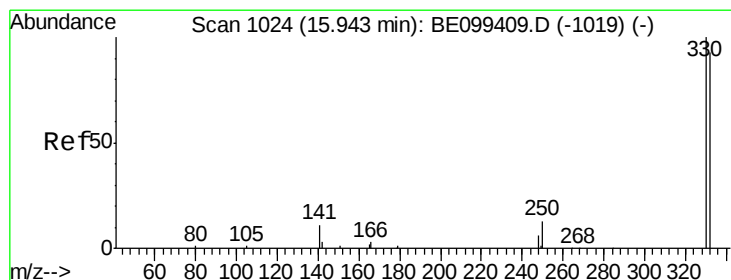
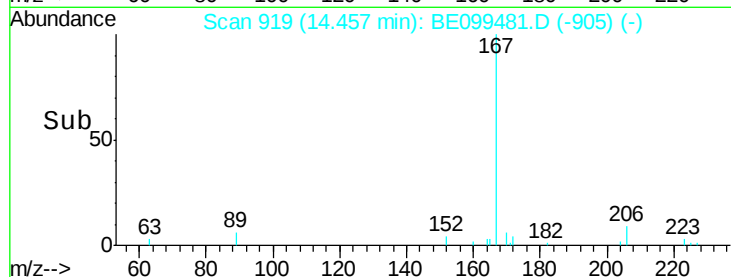
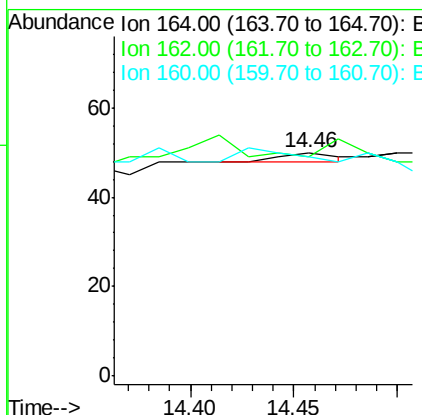
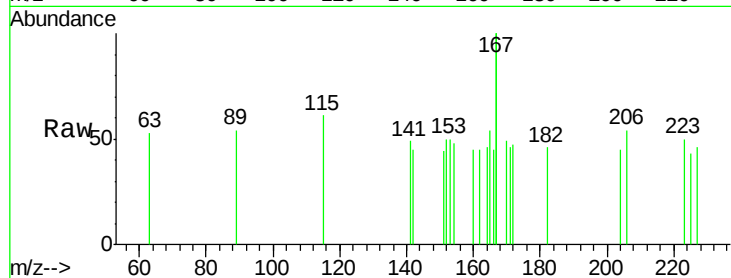




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099481.D
Acq: 2 May 2019 2:09

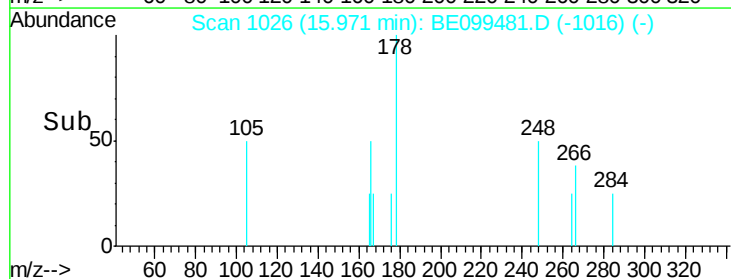
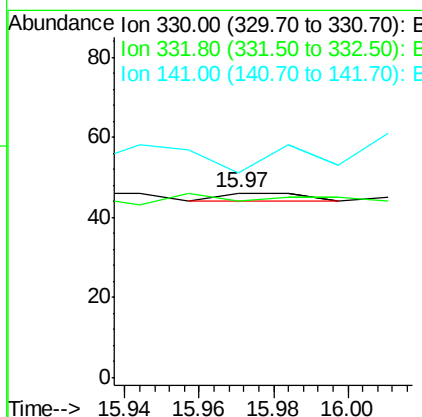
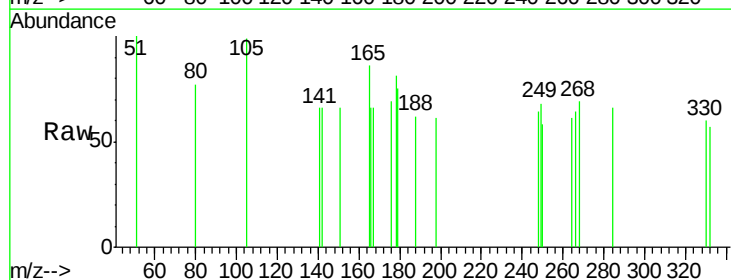
Instrument :
BNA_E
ClientSampleId :
PST-001-B195-042519

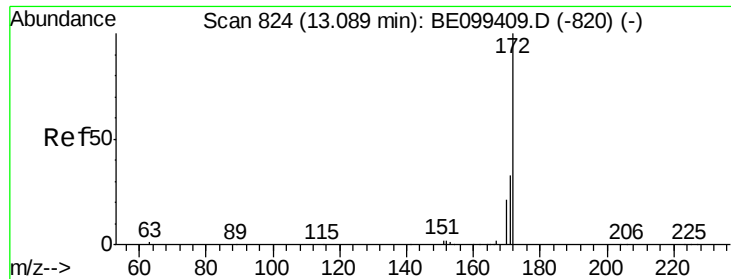
Tgt Ion:164 Resp: 3
Ion Ratio Lower Upper
164 100
162 98.0 79.0 118.4
160 98.0 37.0 55.4#



#14
2,4,6-Tribromophenol
Concen: 1.588 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.03 min
Lab File: BE099481.D
Acq: 2 May 2019 2:09

Tgt Ion:330 Resp: 3
Ion Ratio Lower Upper
330 100
332 0.0 71.5 107.3#
141 0.0 24.0 36.0#

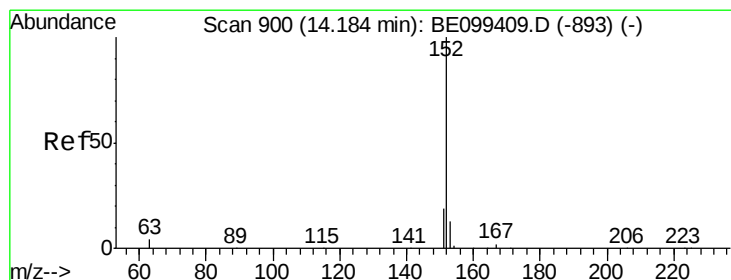
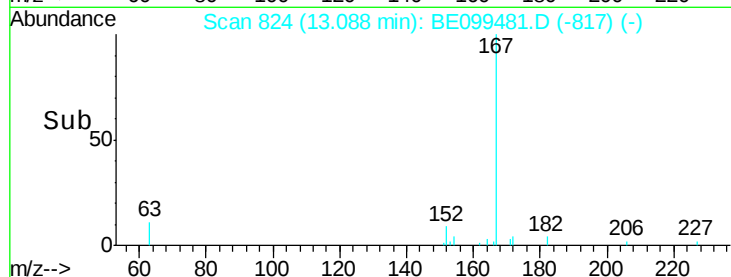
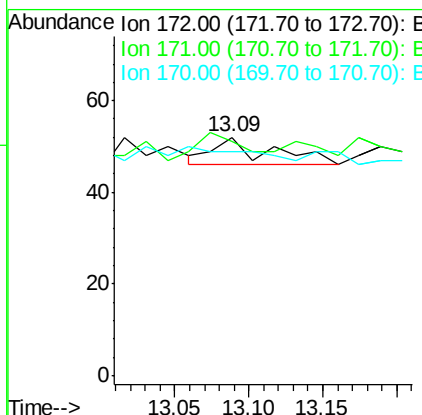
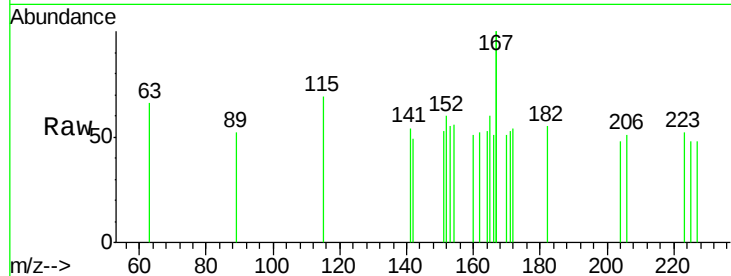




#15
 2-Fluorobiphenyl
 Concen: 1.398 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099481.D
 Acq: 2 May 2019 2:09

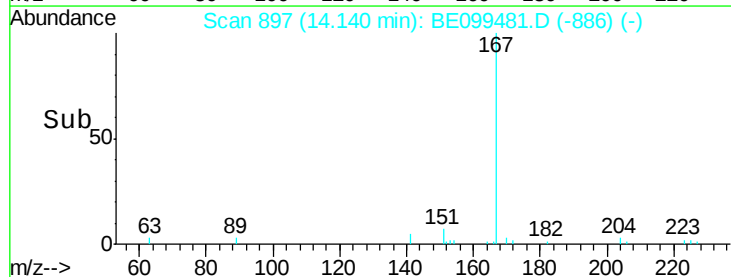
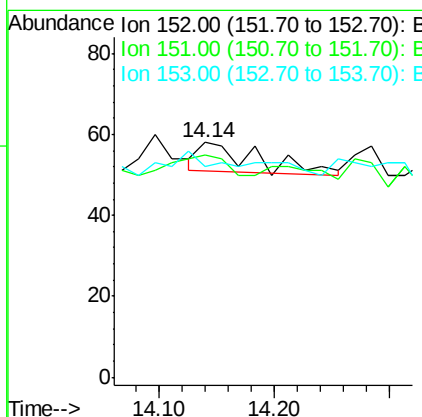
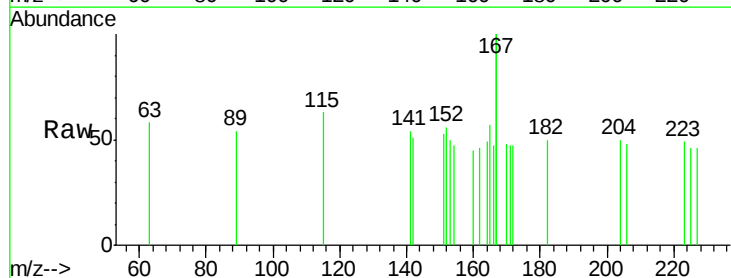
Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B195-042519

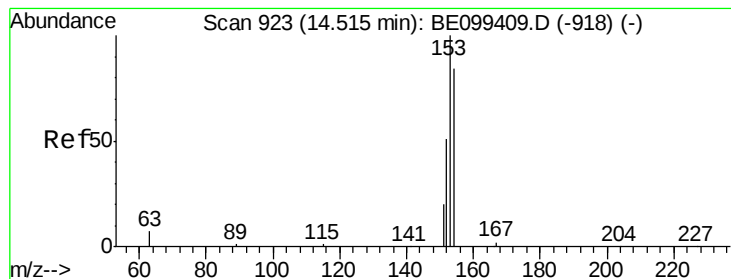
Tgt Ion:172 Resp: 16
 Ion Ratio Lower Upper
 172 100
 171 98.1 26.6 39.8#
 170 94.2 17.0 25.6#



#16
 Acenaphthylene
 Concen: 1.703 ng
 RT: 14.14 min Scan# 897
 Delta R.T. -0.04 min
 Lab File: BE099481.D
 Acq: 2 May 2019 2:09

Tgt Ion:152 Resp: 25
 Ion Ratio Lower Upper
 152 100
 151 96.0 15.4 23.2#
 153 64.0 9.8 14.6#





#17

Acenaphthene

Concen: 0.716 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

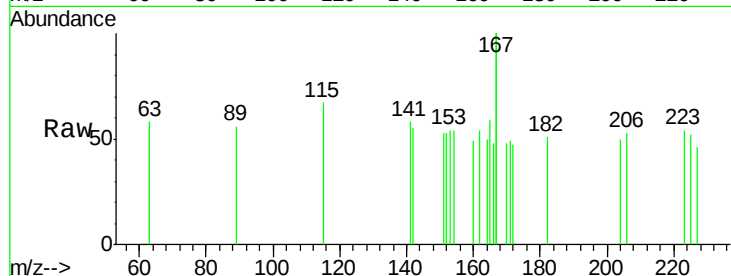
Tgt Ion:154 Resp: 6

Ion Ratio Lower Upper

154 100

153 100.0 92.6 138.8

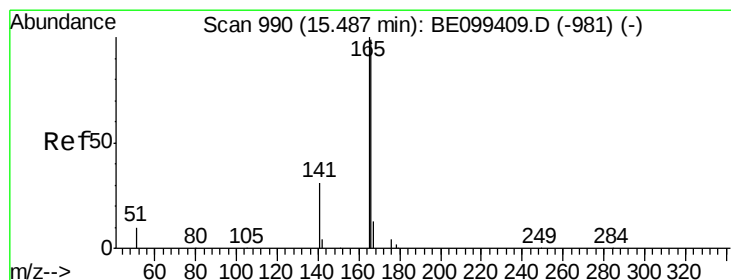
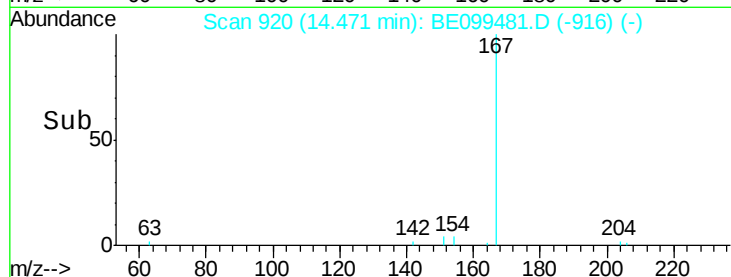
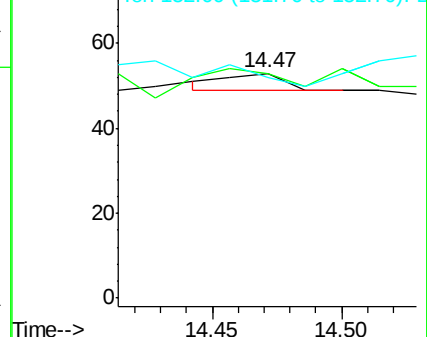
152 0.0 45.8 68.8#



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: 1.536 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.03 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

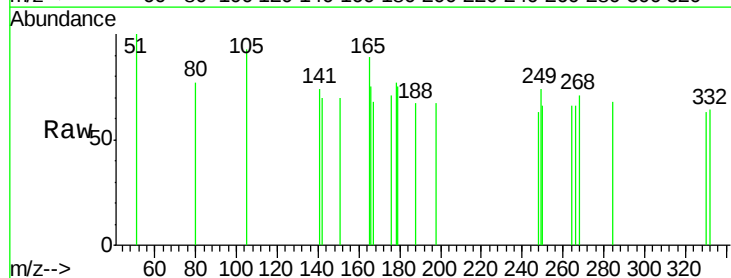
Tgt Ion:166 Resp: 19

Ion Ratio Lower Upper

166 100

165 0.0 80.3 120.5#

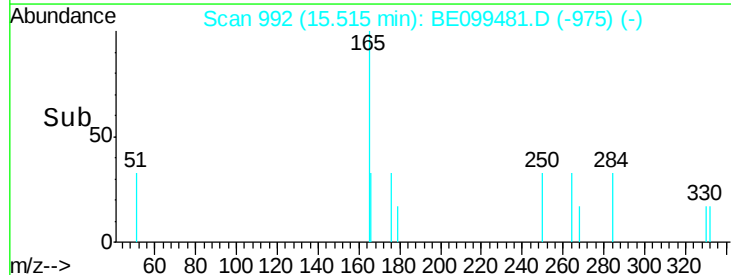
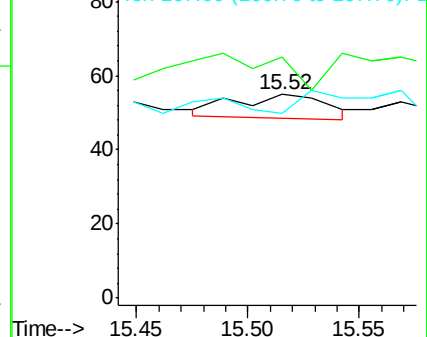
167 0.0 10.7 16.1#

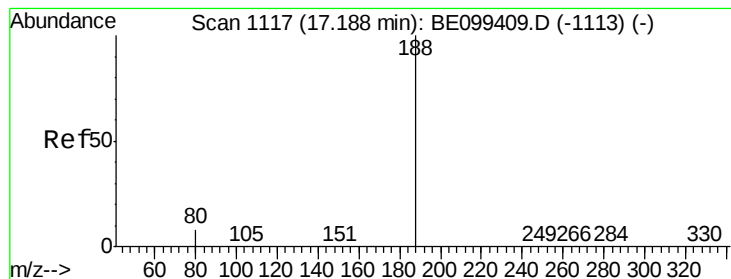


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

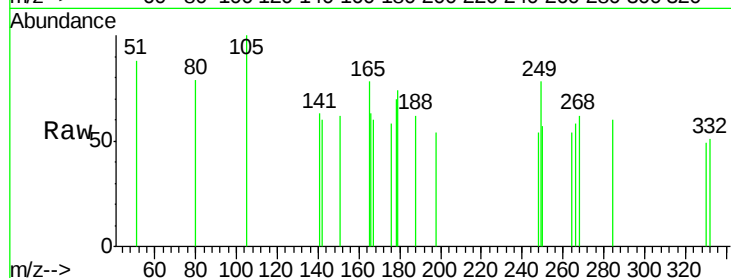
Tgt Ion:188 Resp: 31

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

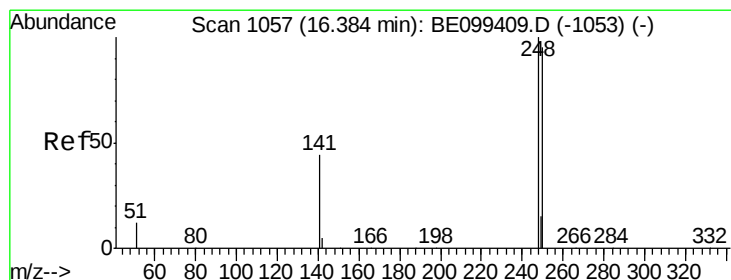
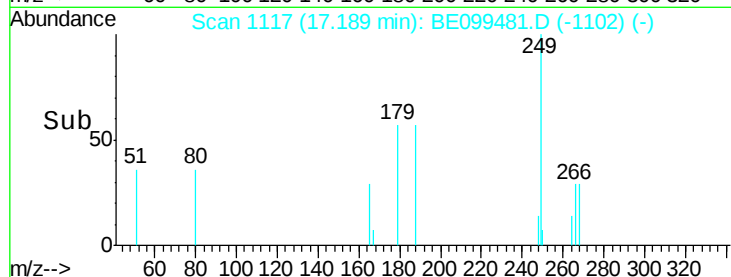
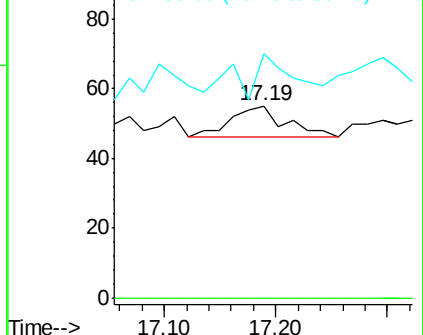
80 127.3 6.7 10.1#



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: 0.443 ng

RT: 16.39 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

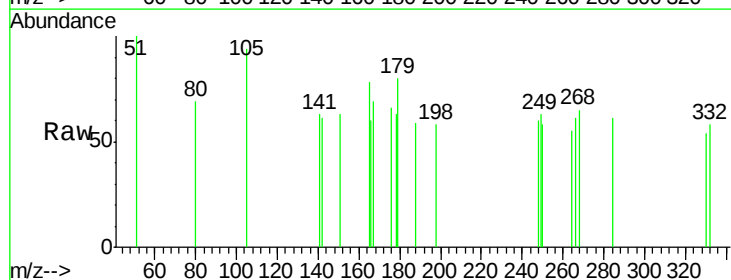
Tgt Ion:248 Resp: 8

Ion Ratio Lower Upper

248 100

250 96.0 75.8 113.8

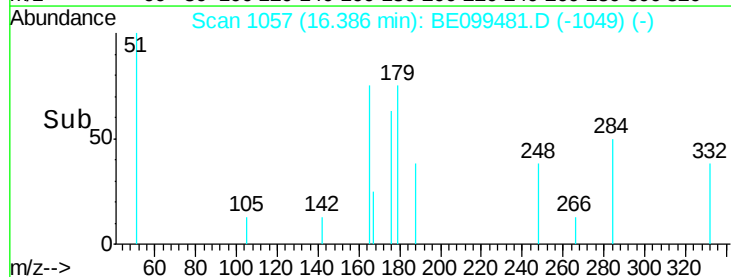
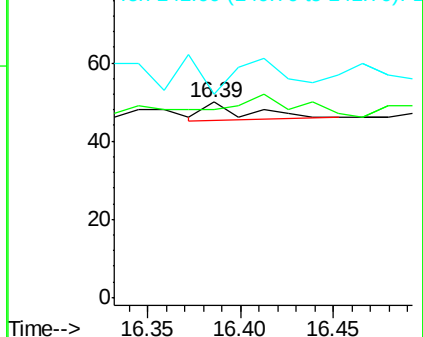
141 104.0 35.7 53.5#

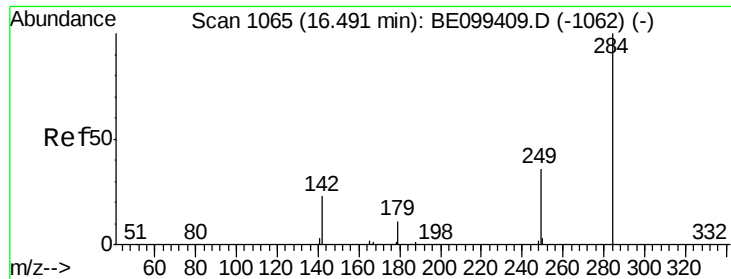


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.233 ng

RT: 16.48 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

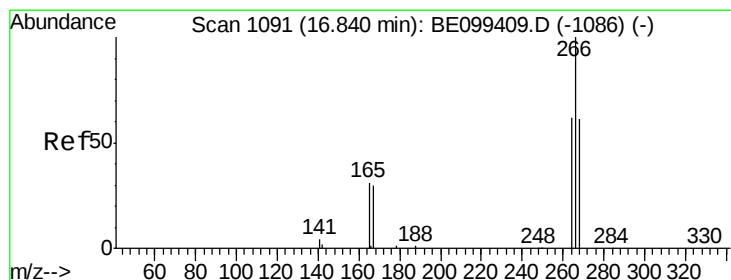
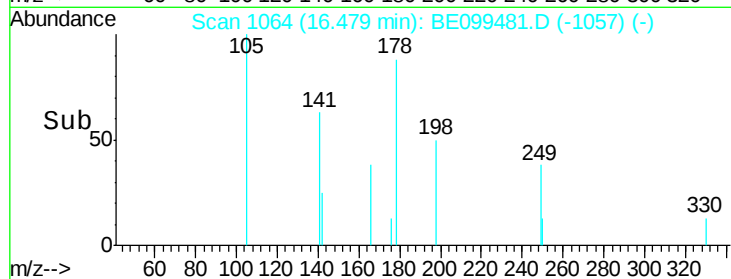
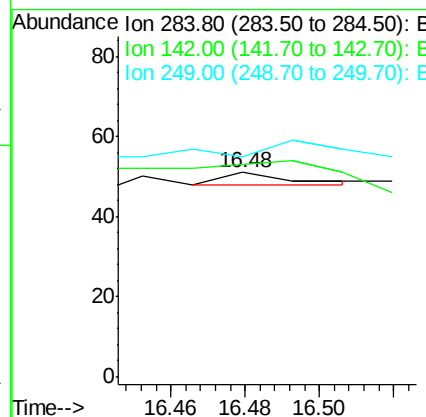
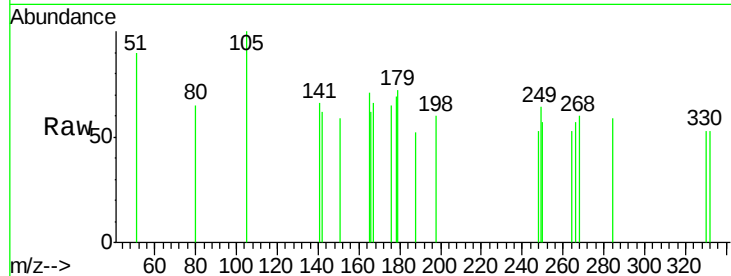
Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

Tgt Ion:	284	Resp:	4
Ion	Ratio	Lower	Upper
284	100		
142	0.0	21.0	31.6#
249	125.0	26.7	40.1#



#22

Pentachlorophenol

Concen: 0.699 ng

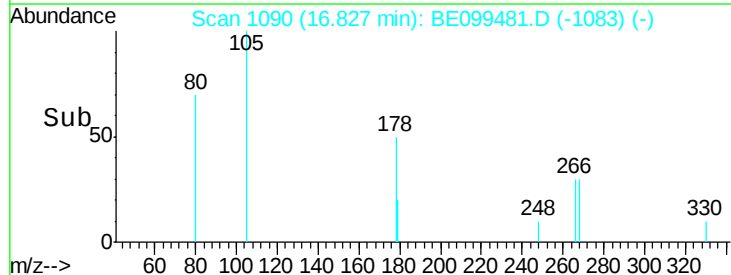
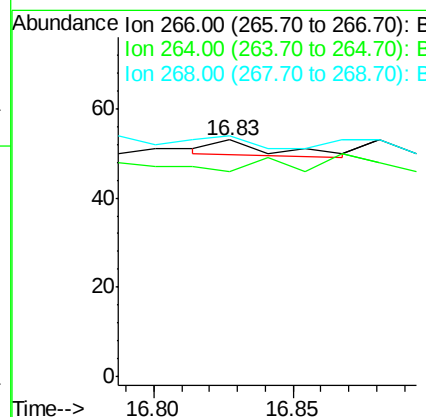
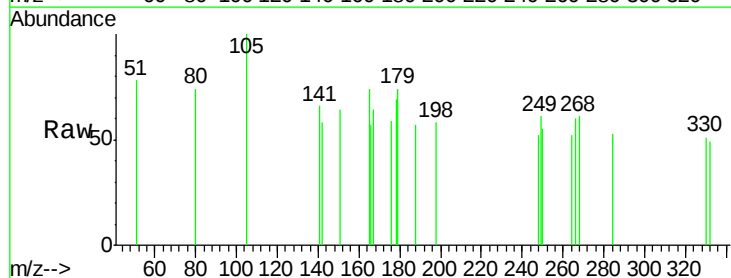
RT: 16.83 min Scan# 1090

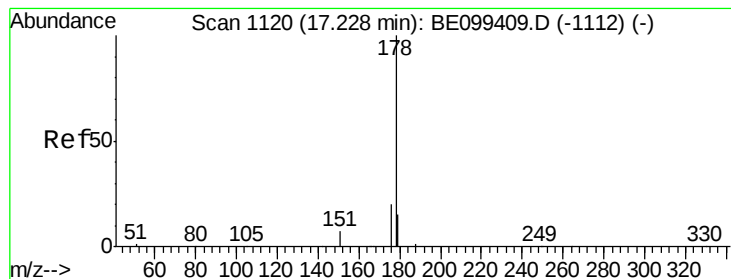
Delta R.T. -0.01 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	86.8	50.8	76.2#
268	101.9	50.5	75.7#





#23

Phenanthrene

Concen: 0.375 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

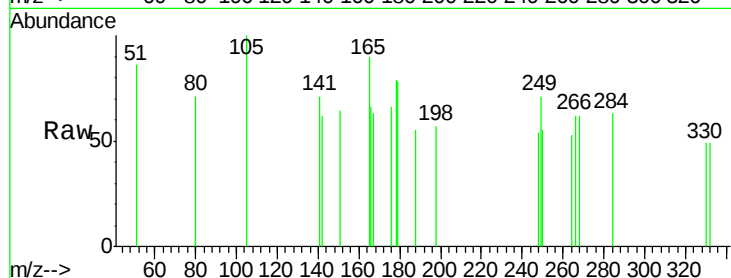
Tgt Ion:178 Resp: 30

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

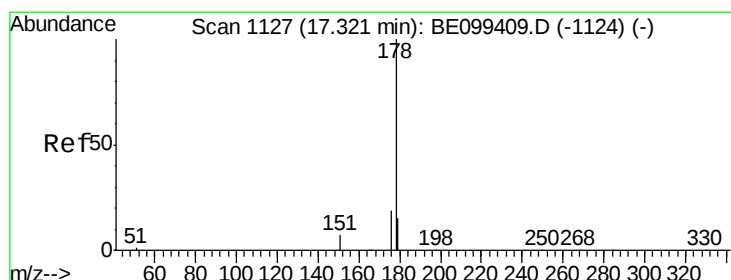
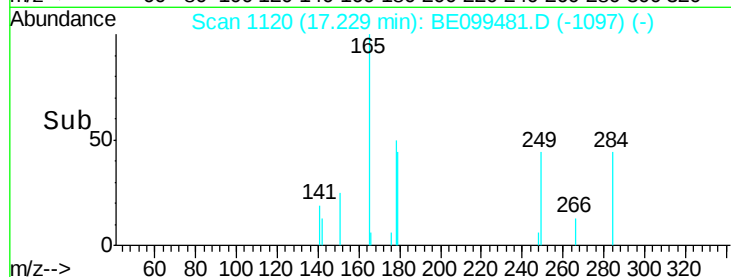
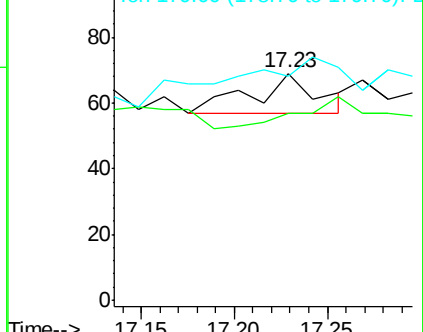
179 0.0 12.0 18.0#



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: 0.066 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

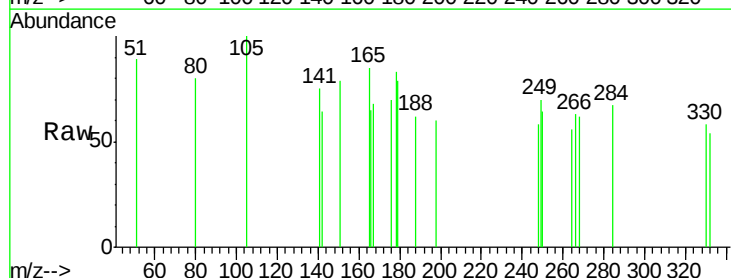
Tgt Ion:178 Resp: 5

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

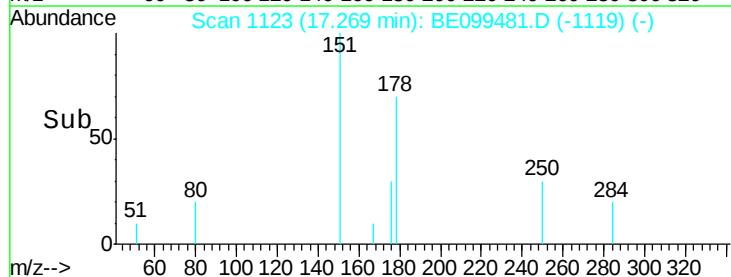
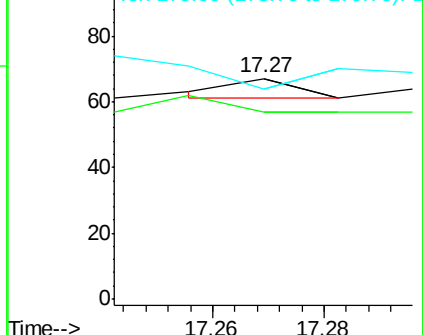
179 340.0 11.9 17.9#

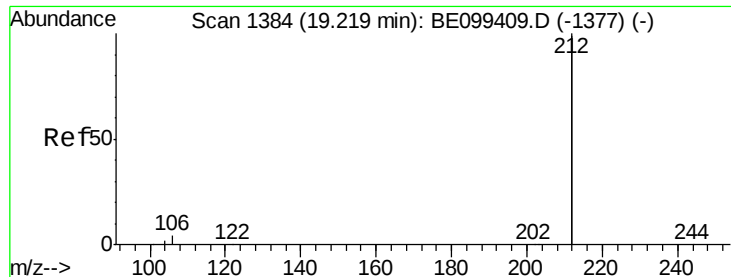


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.163 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

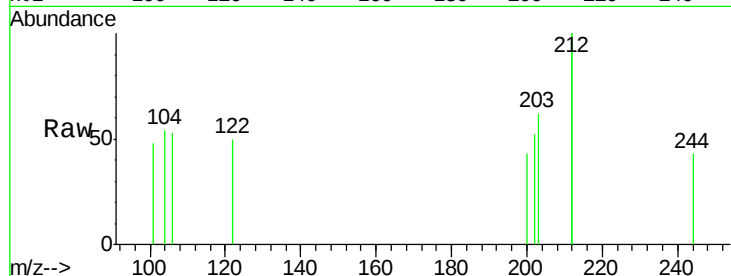
Tgt Ion:212 Resp: 68

Ion Ratio Lower Upper

212 100

106 10.3 1.5 2.3#

104 26.5 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

19.22

200

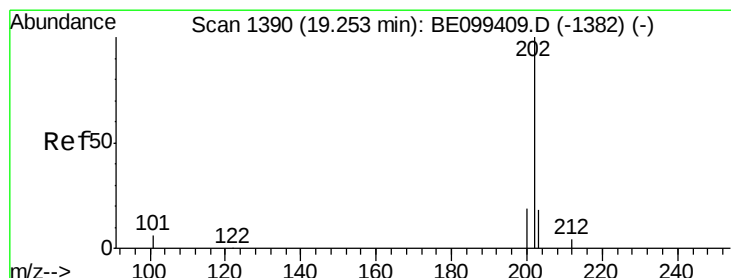
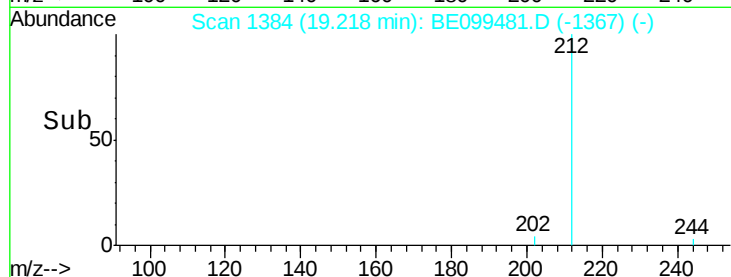
150

100

50

0

Time-->



#26

Fluoranthene

Concen: 0.184 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

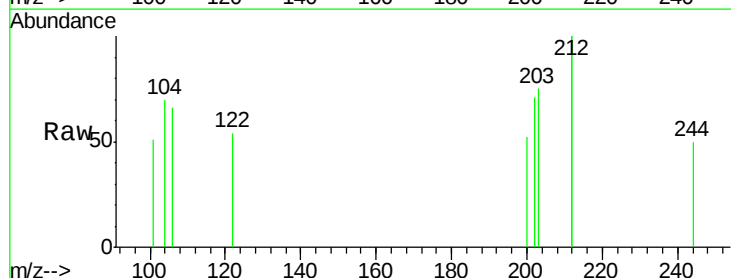
Tgt Ion:202 Resp: 22

Ion Ratio Lower Upper

202 100

101 0.0 5.4 8.0#

203 27.3 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

19.24

80

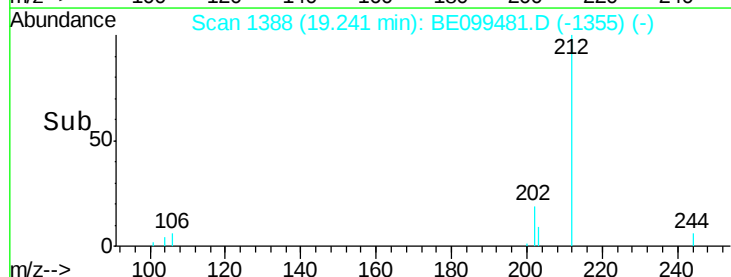
60

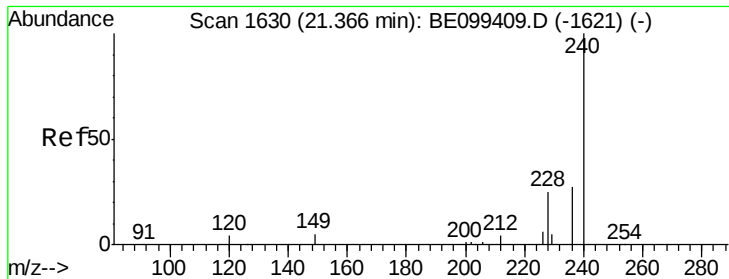
40

20

0

Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

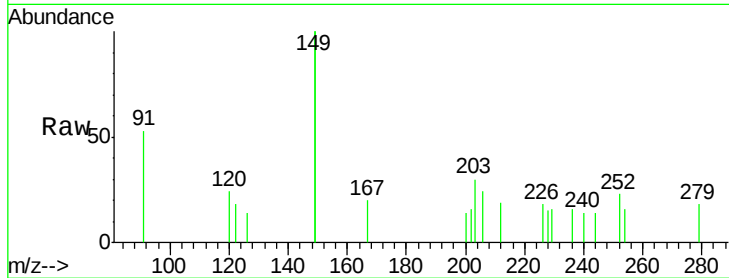
Tgt Ion: 240 Resp: 15

Ion Ratio Lower Upper

240 100

120 176.1 4.0 6.0#

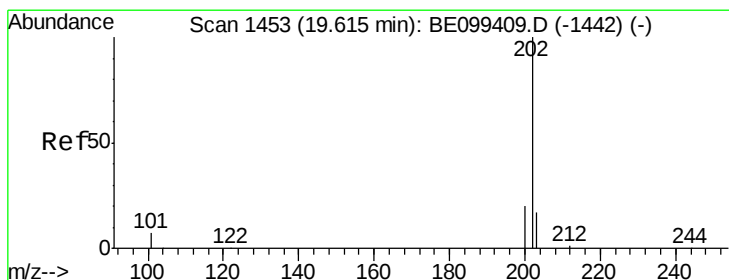
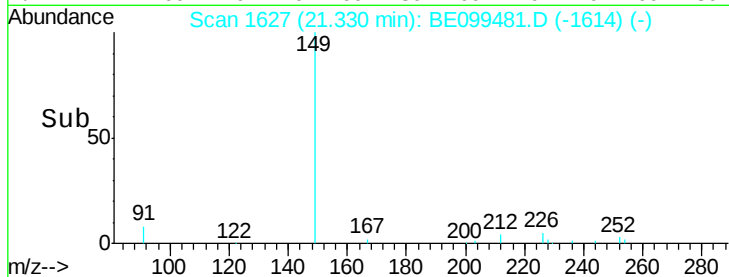
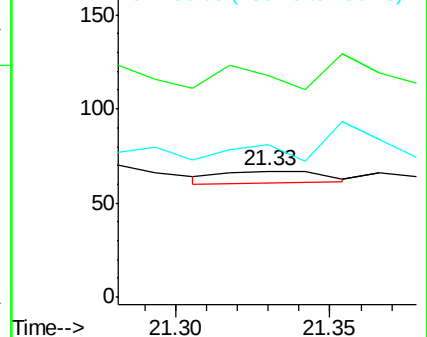
236 120.9 22.0 33.0#



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: 0.307 ng

RT: 19.57 min Scan# 1446

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

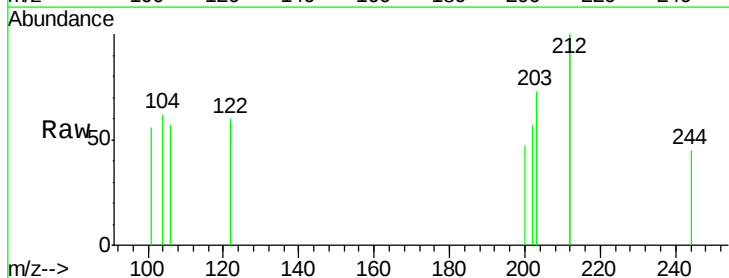
Tgt Ion: 202 Resp: 12

Ion Ratio Lower Upper

202 100

200 33.3 15.7 23.5#

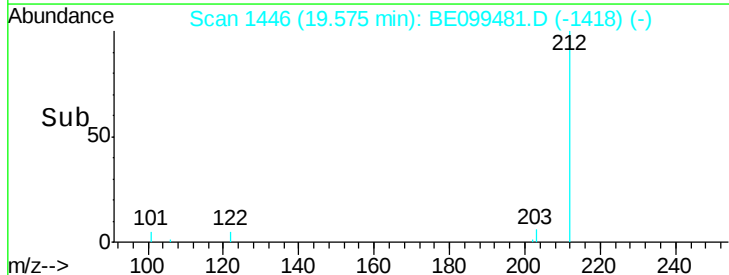
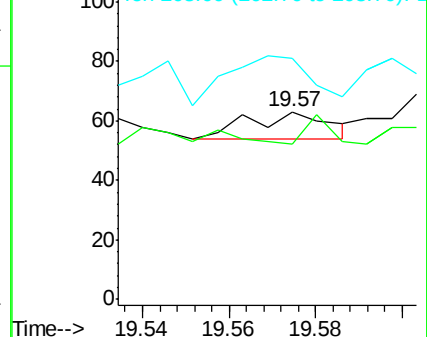
203 191.7 13.9 20.9#

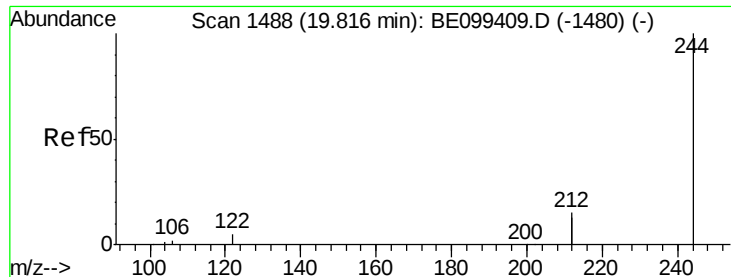


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.036 ng

RT: 19.78 min Scan# 1481

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

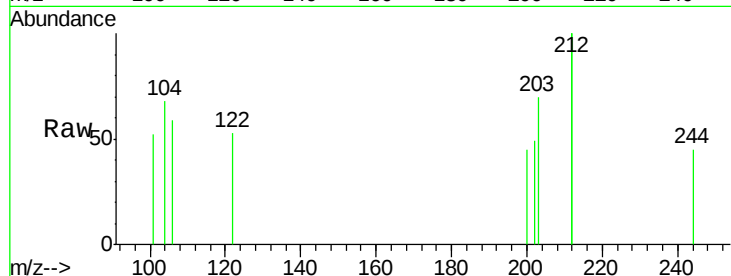
Tgt Ion:244 Resp: 1

Ion Ratio Lower Upper

244 100

212 447.1 23.2 34.8#

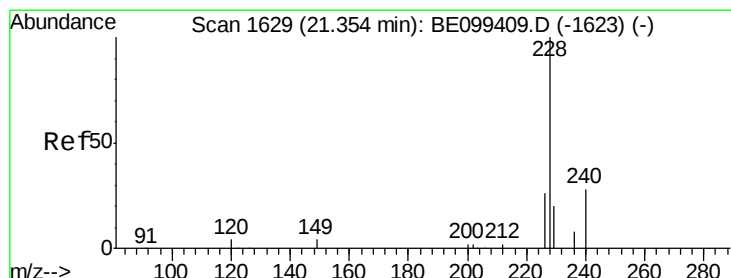
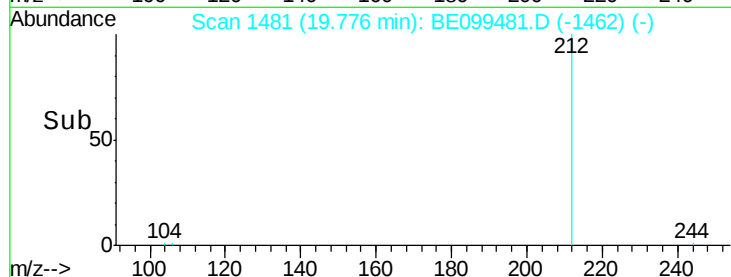
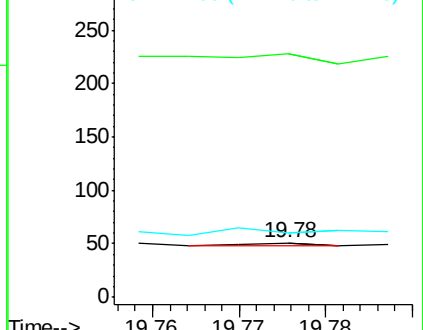
122 117.6 4.2 6.4#



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: 0.314 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

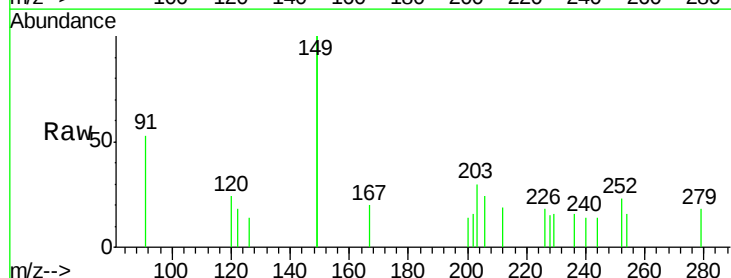
Tgt Ion:228 Resp: 15

Ion Ratio Lower Upper

228 100

226 117.6 21.0 31.6#

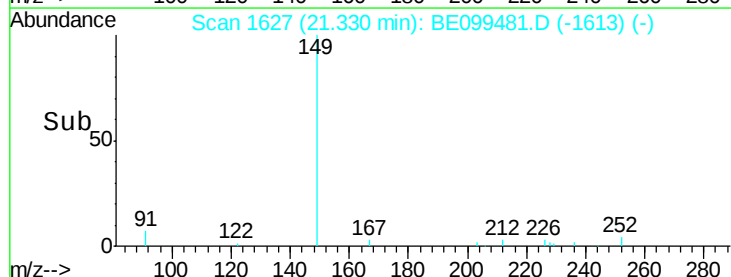
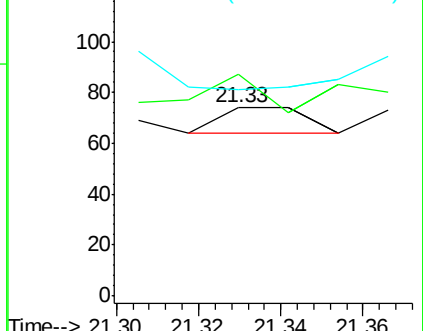
229 109.5 16.6 25.0#



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: 0.877 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.02 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

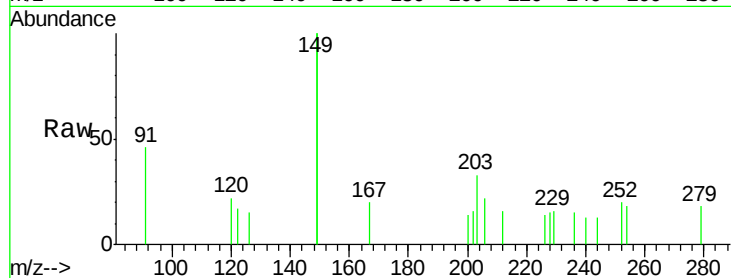
Tgt Ion: 228 Resp: 41

Ion Ratio Lower Upper

228 100

226 93.7 24.0 36.0#

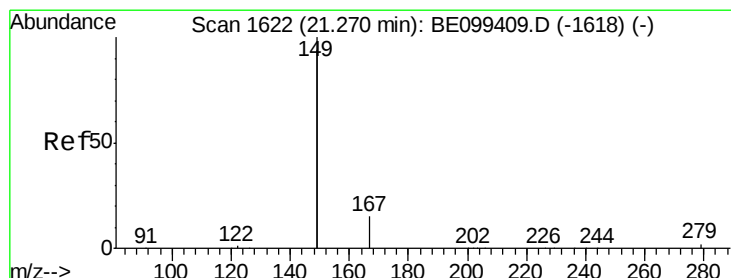
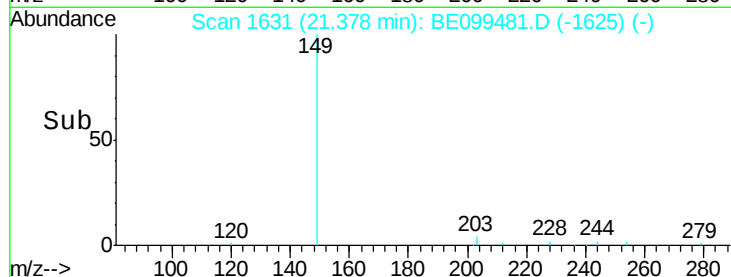
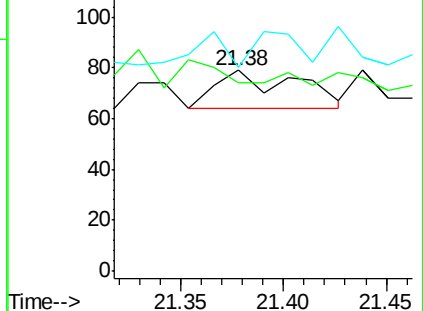
229 101.3 15.8 23.8#



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: 3.474 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.05 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

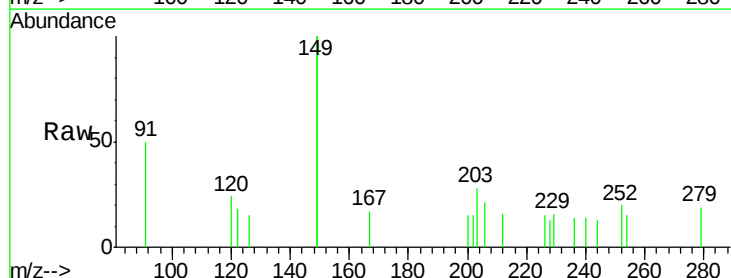
Tgt Ion: 149 Resp: 239

Ion Ratio Lower Upper

149 100

167 0.0 5.8 8.6#

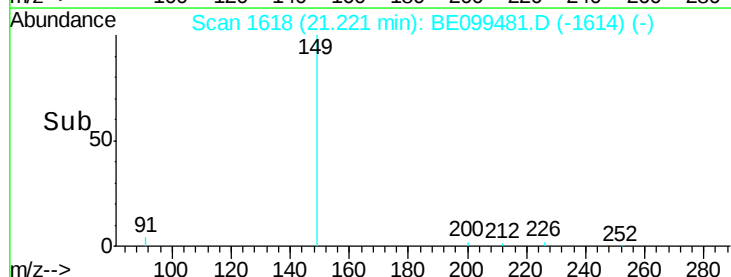
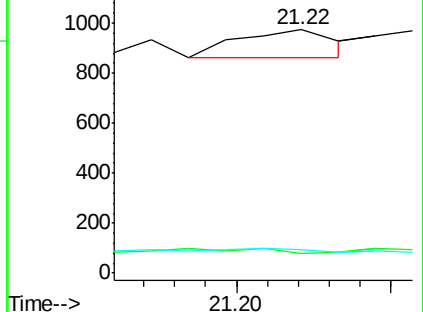
279 19.2 1.0 1.6#

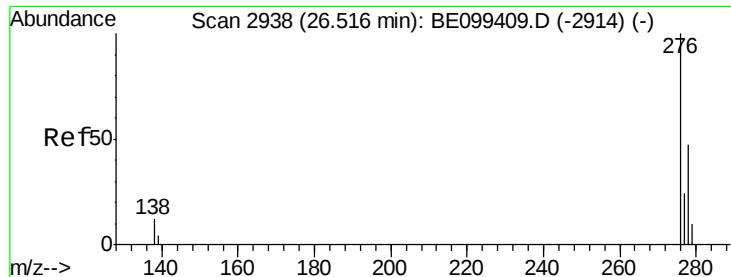


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.163 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

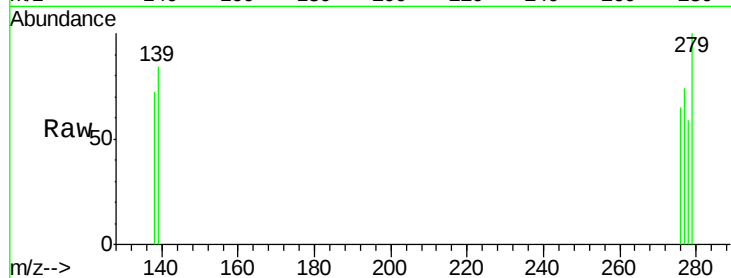
Tgt Ion:276 Resp: 9

Ion Ratio Lower Upper

276 100

138 100.0 10.2 15.2#

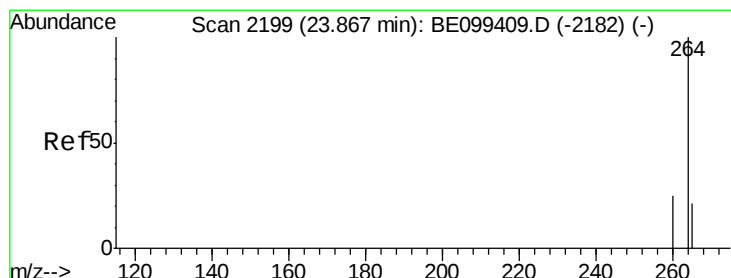
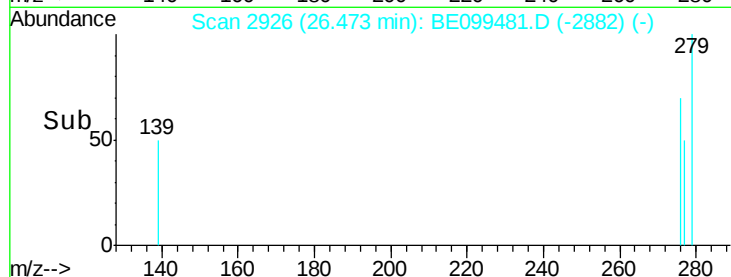
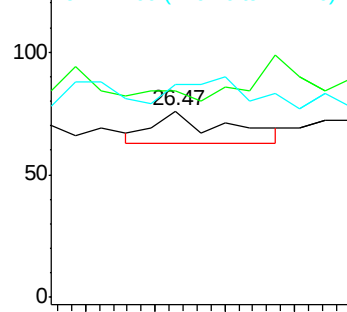
277 100.0 19.2 28.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.82 min Scan# 2186

Delta R.T. -0.05 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

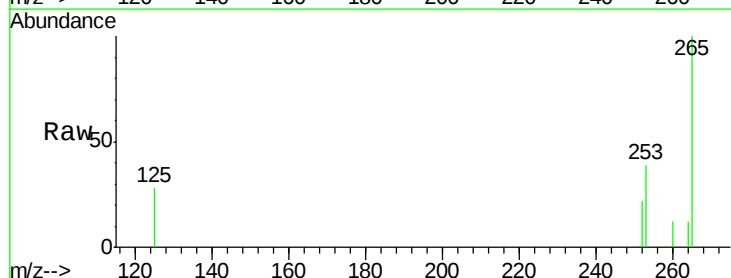
Tgt Ion:264 Resp: 7

Ion Ratio Lower Upper

264 100

260 101.3 20.2 30.2#

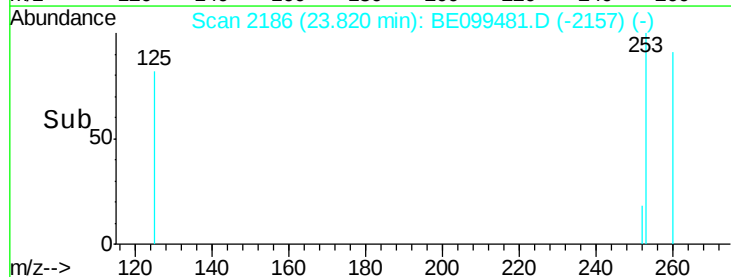
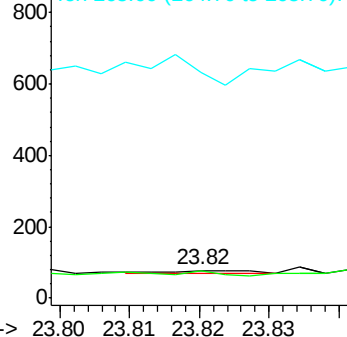
265 819.5 21.3 31.9#



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: 0.396 ng

RT: 23.05 min Scan# 1971

Delta R.T. -0.04 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

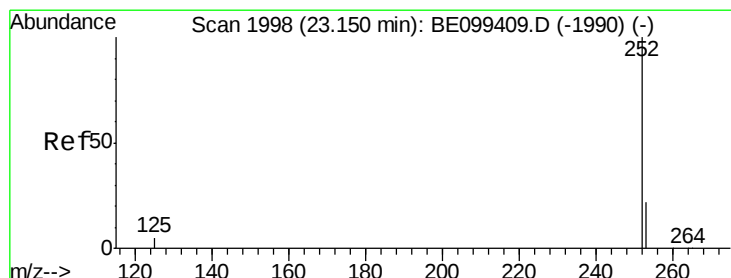
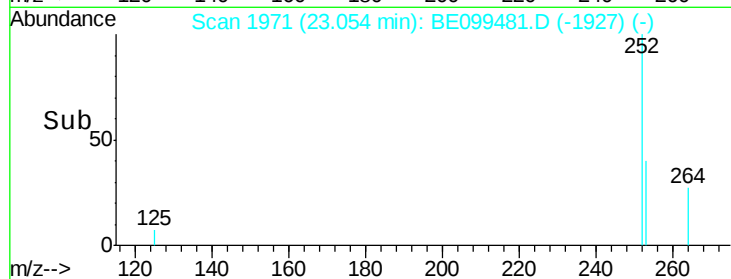
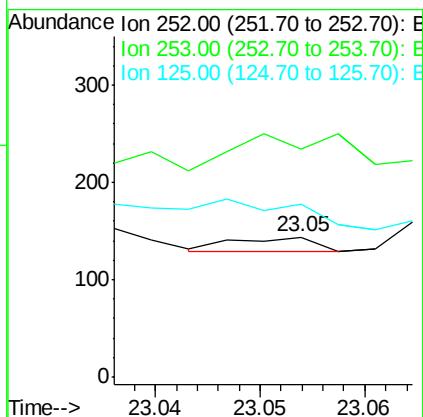
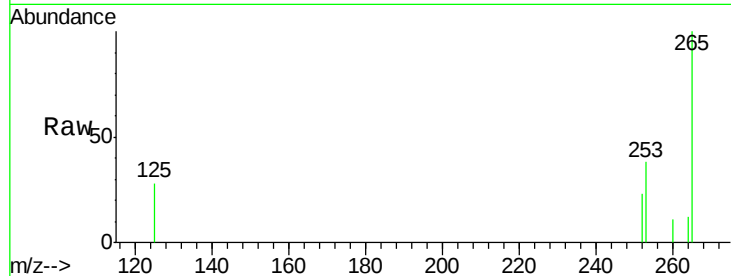
Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

Tgt Ion:	252	Resp:	8
Ion	Ratio	Lower	Upper
252	100		
253	162.5	18.1	27.1#
125	122.9	5.6	8.4#



#36

Benzo(k)fluoranthene

Concen: 0.925 ng

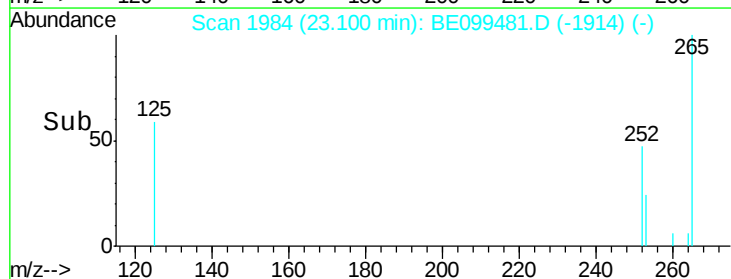
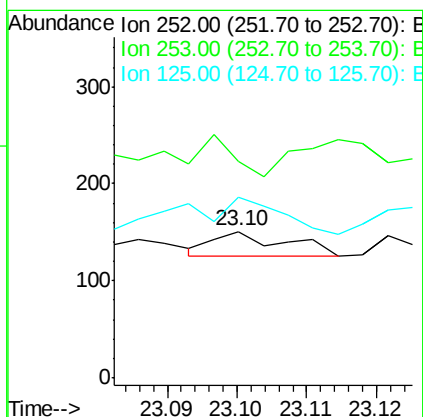
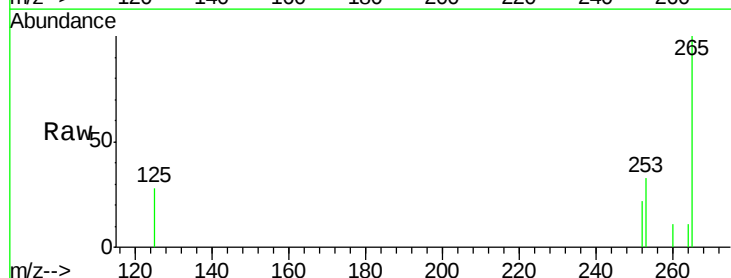
RT: 23.10 min Scan# 1984

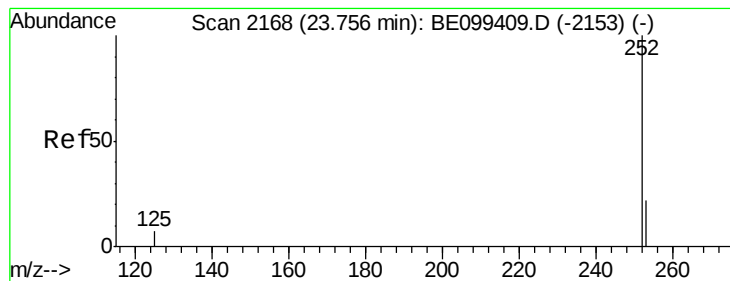
Delta R.T. -0.05 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Tgt Ion:	252	Resp:	18
Ion	Ratio	Lower	Upper
252	100		
253	147.7	18.4	27.6#
125	123.2	5.0	7.4#





#37

Benzo(a)pyrene

Concen: 0.681 ng

RT: 23.71 min Scan# 2154

Delta R.T. -0.05 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519

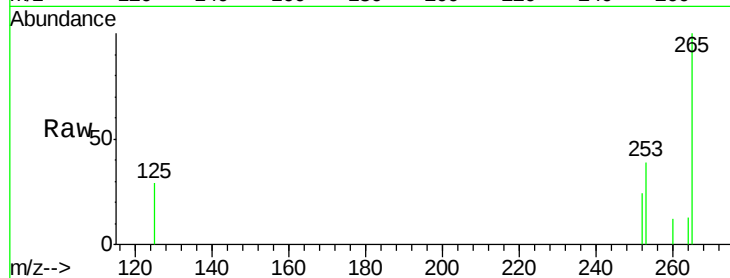
Tgt Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 162.2 18.9 28.3#

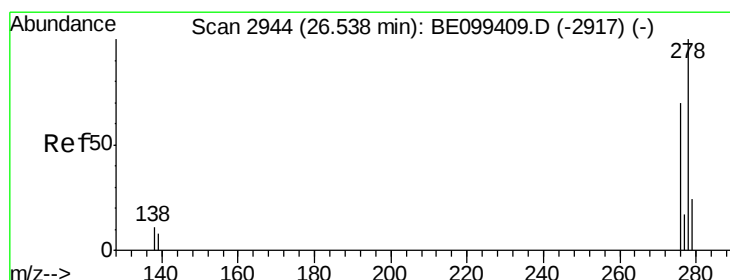
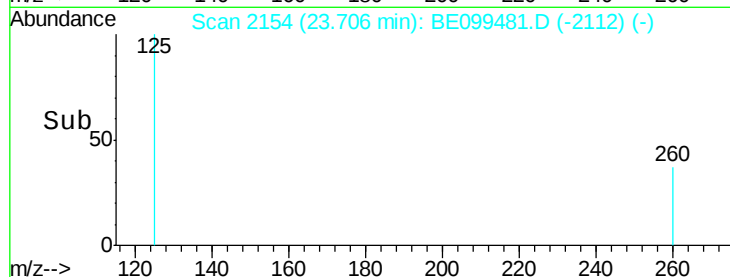
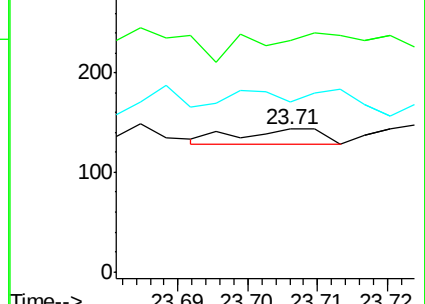
125 119.6 6.7 10.1#



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: 0.205 ng

RT: 26.48 min Scan# 2929

Delta R.T. -0.05 min

Lab File: BE099481.D

Acq: 2 May 2019 2:09

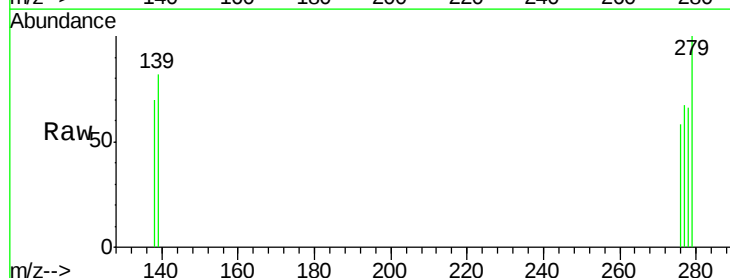
Tgt Ion:278 Resp: 4

Ion Ratio Lower Upper

278 100

139 124.1 7.7 11.5#

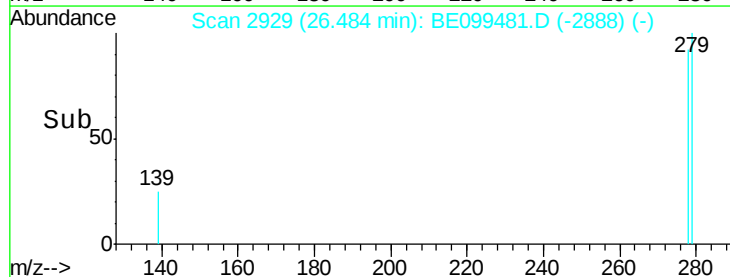
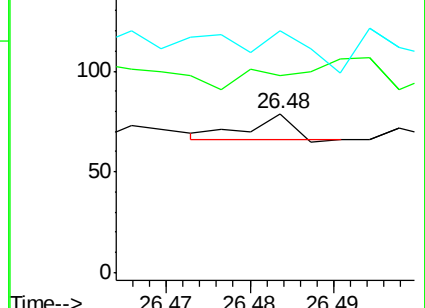
279 151.9 20.2 30.2#



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(g,h,i)perylene

Concen: 0.307 ng

RT: 27.28 min Scan# 3153

Delta R.T. -0.05 min

Lab File: BE099481.D

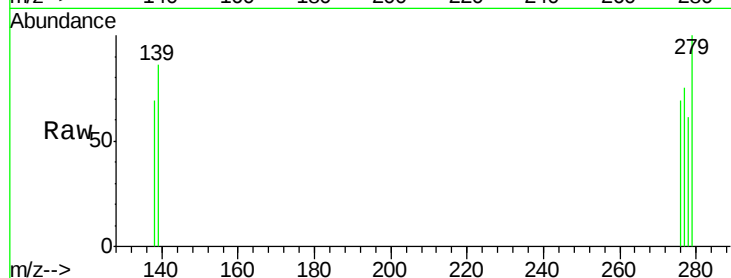
Acq: 2 May 2019 2:09

Instrument :

BNA_E

ClientSampleId :

PST-001-B195-042519



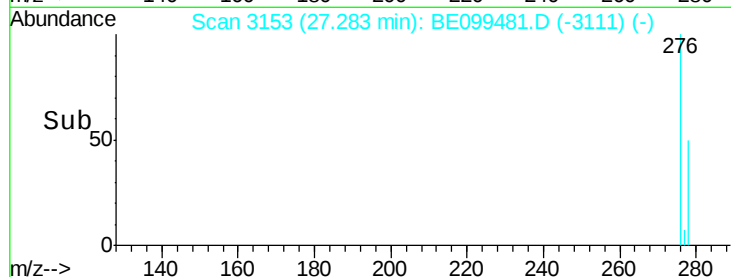
Tgt Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

277 109.9 19.5 29.3#

138 100.0 9.6 14.4#



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

