

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
 Data File : BE099479.D
 Acq On : 2 May 2019 00:58
 Operator : JU/SJ
 Sample : K2533-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: May 02 07:44:07 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	7.82	152	32	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	13	0.40	ng	-0.01
13) Acenaphthene-d10	14.41	164	19	0.40	ng	-0.04
19) Phenanthrene-d10	17.12	188	5	0.40	ng	-0.07
27) Chrysene-d12	21.31	240	19	0.40	ng	-0.06
34) Perylene-d12	23.80	264	4	0.40	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	17	0.19	ng	-0.01
5) Phenol-d6	6.99	99	10	0.08	ng	0.01
8) Nitrobenzene-d5	8.99	82	13	1.07	ng	0.02
11) 2-Methylnaphthalene-d10	12.17	152	15	0.64	ng	-0.03
14) 2,4,6-Tribromophenol	15.85	330	9	0.75	ng	-0.09
15) 2-Fluorobiphenyl	13.03	172	7	0.10	ng	-0.06
25) Fluoranthene-d10	19.13	212	26	0.39	ng	-0.09
29) Terphenyl-d14	19.78	244	5	0.14	ng	-0.04

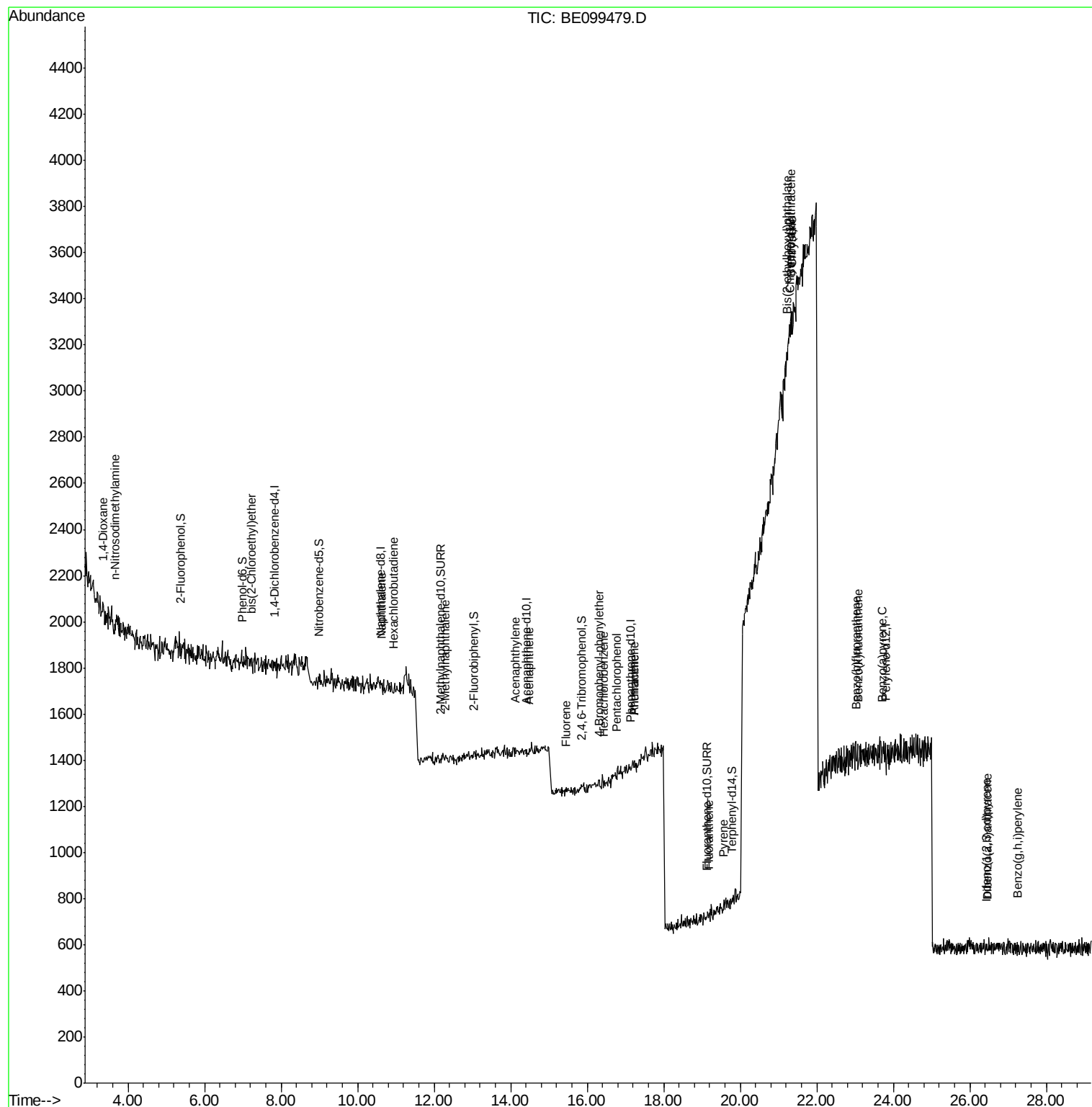
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	4	0.091	ng	# 1
3) n-Nitrosodimethylamine	3.65	42	17	0.641	ng	# 3
6) bis(2-Chloroethyl)ether	7.22	93	28	0.276	ng	# 30
9) Naphthalene	10.63	128	51	0.360	ng	# 48
10) Hexachlorobutadiene	10.94	225	6	0.609	ng	# 1
12) 2-Methylnaphthalene	12.30	142	29	1.177	ng	# 63
16) Acenaphthylene	14.11	152	46	0.495	ng	# 52
17) Acenaphthene	14.49	154	12	0.226	ng	# 3
18) Fluorene	15.43	166	6	0.077	ng	# 1
20) 4-Bromophenyl-phenylether	16.30	248	10	3.436	ng	# 62
21) Hexachlorobenzene	16.44	284	15	5.407	ng	# 21
22) Pentachlorophenol	16.76	266	13	8.001	ng	# 53
23) Phenanthrene	17.23	178	56	4.340	ng	# 49
24) Anthracene	17.23	178	35	2.846	ng	# 40
26) Fluoranthene	19.17	202	2	0.103	ng	# 1
28) Pyrene	19.56	202	12	0.242	ng	# 1
30) Benzo(a)anthracene	21.32	228	19	0.314	ng	# 1
31) Chrysene	21.36	228	34	0.574	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.22	149	401	4.625	ng	# 86
33) Indeno(1,2,3-cd)pyrene	26.43	276	3	0.043	ng	# 1
35) Benzo(b)fluoranthene	23.04	252	29	2.514	ng	# 1
36) Benzo(k)fluoranthene	23.09	252	11	0.989	ng	# 1
37) Benzo(a)pyrene	23.72	252	10	0.917	ng	# 1
38) Dibenzo(a,h)anthracene	26.44	278	7	0.628	ng	# 1
39) Benzo(g,h,i)perylene	27.24	276	13	1.163	ng	# 1

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

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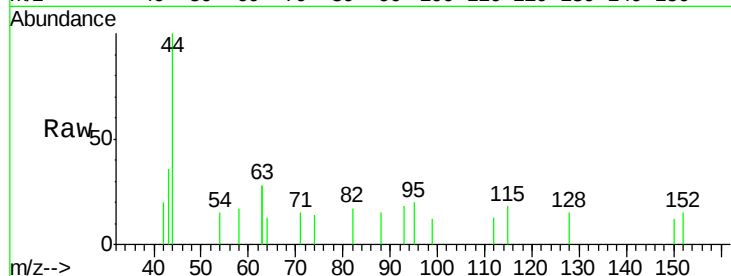


#1

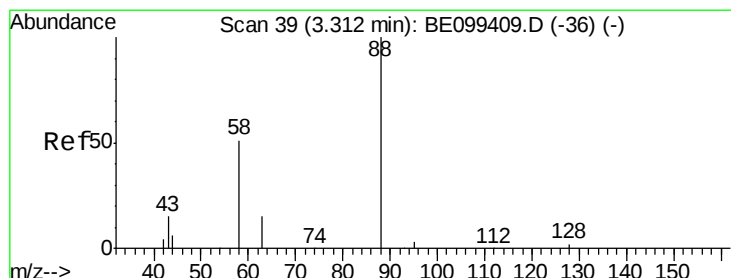
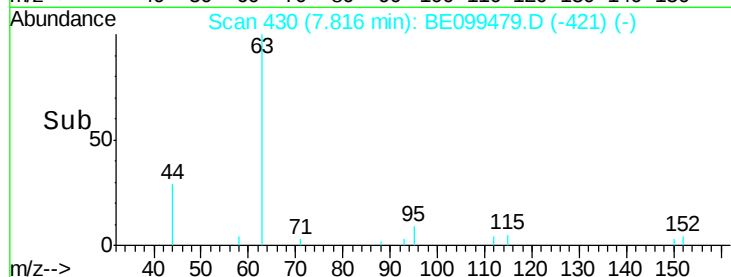
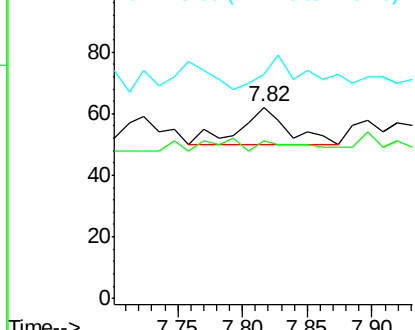
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099479.D
Acq: 2 May 2019 00:58

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

Tot Ion:152 Resp: 32
Ion Ratio Lower Upper
152 100
150 82.3 104.8 157.2#
115 117.7 46.6 69.8#



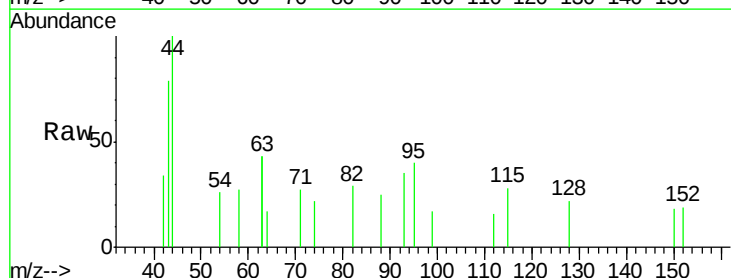
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



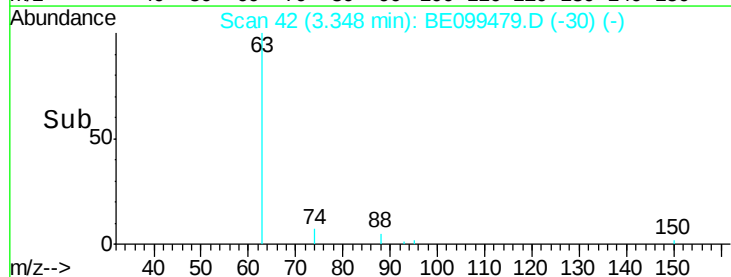
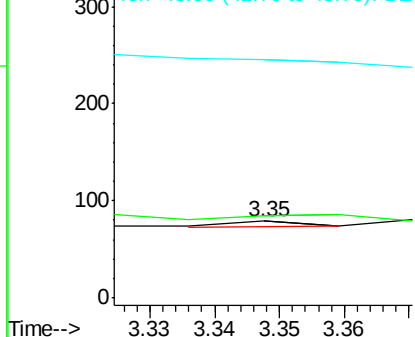
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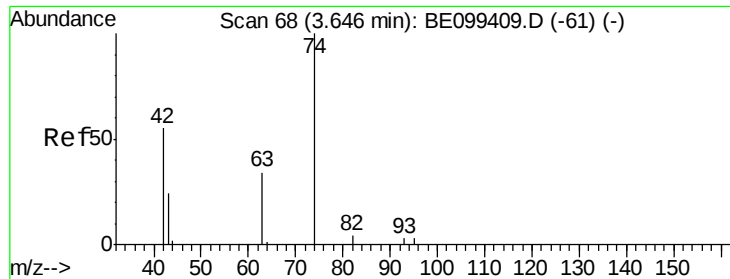
1,4-Dioxane
Concen: 0.091 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.04 min
Lab File: BE099479.D
Acq: 2 May 2019 00:58

Tgt Ion: 88 Resp: 4
Ion Ratio Lower Upper
88 100
58 225.0 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



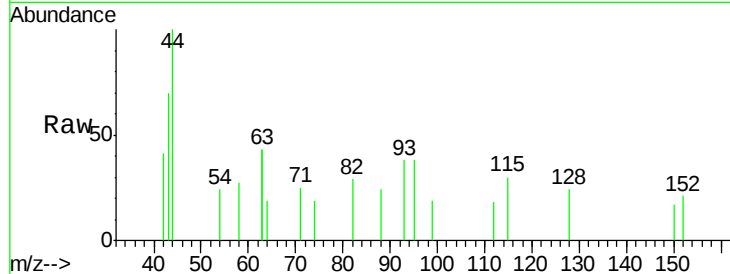


#3

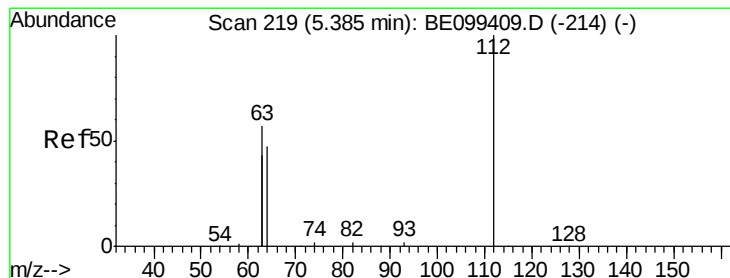
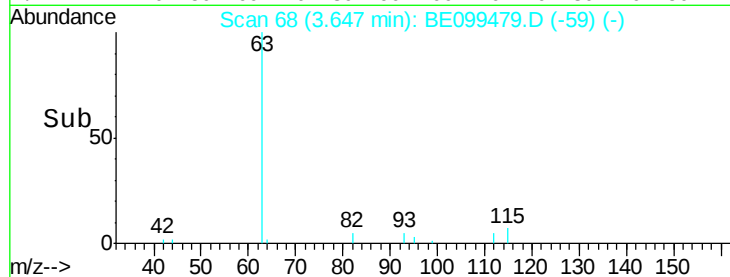
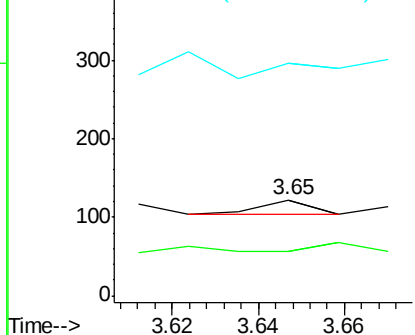
n-Nitrosodimethylamine
 Concen: 0.641 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE099479.D
 Acq: 2 May 2019 00:58

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

Tot Ion	Ratio	Lower	Upper
42	100		
74	41.2	141.6	212.4#
44	0.0	0.0	0.0



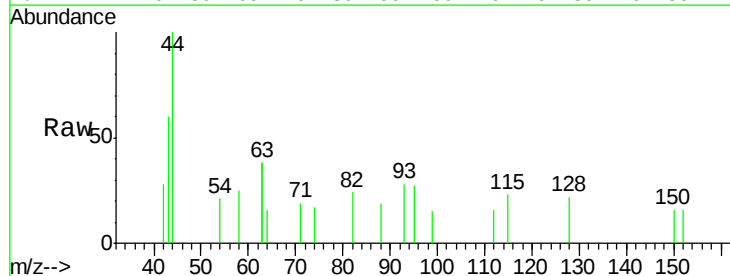
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



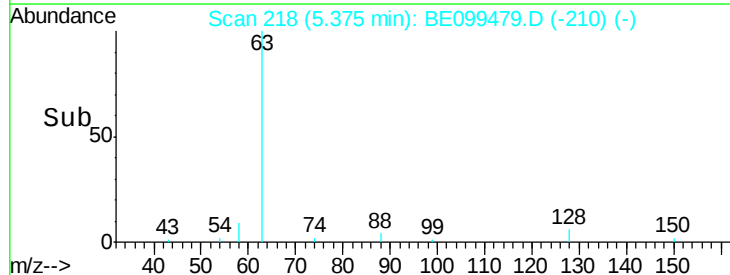
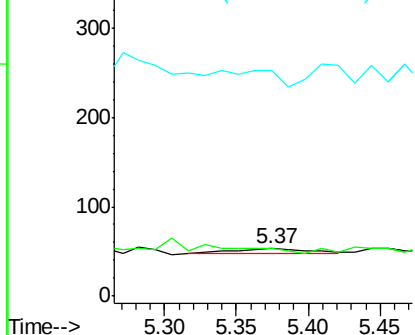
#4

2-Fluorophenol
 Concen: 0.192 ng
 RT: 5.37 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: BE099479.D
 Acq: 2 May 2019 00:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.4	71.0#
63	0.0	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: 0.085 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

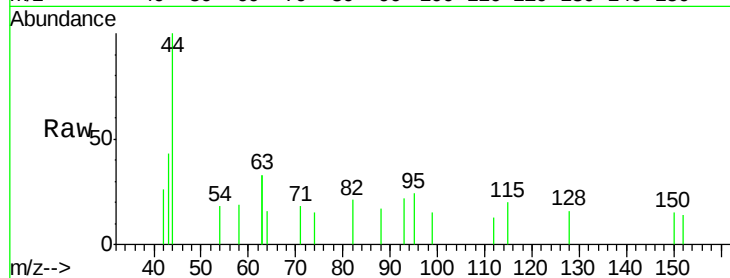
Tot Ion: 99 Resp: 10

Ion Ratio Lower Upper

99 100

42 0.0 14.9 22.3#

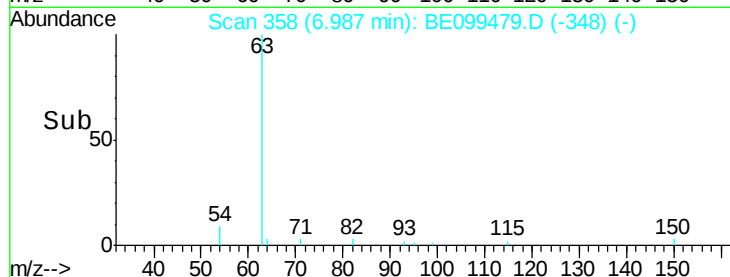
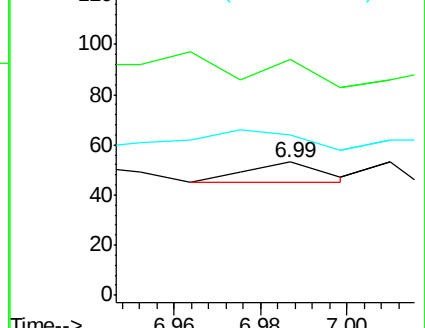
71 150.0 33.0 49.6#



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: 0.276 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.02 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

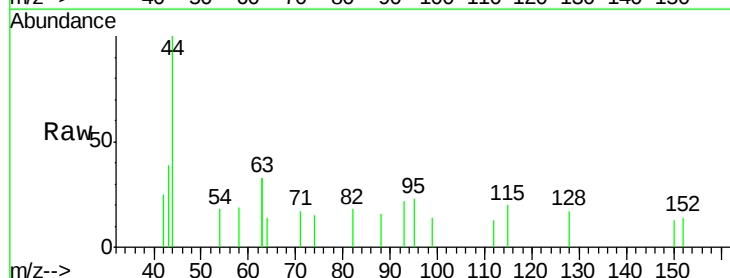
Tgt Ion: 93 Resp: 28

Ion Ratio Lower Upper

93 100

63 128.6 215.6 323.4#

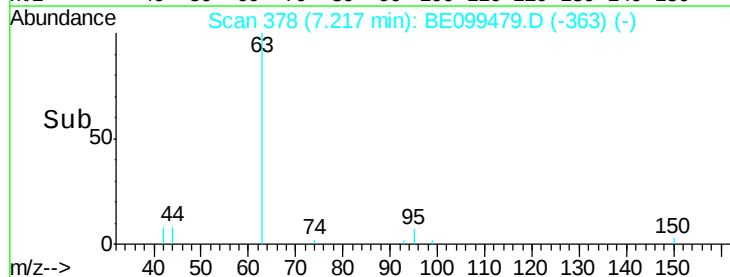
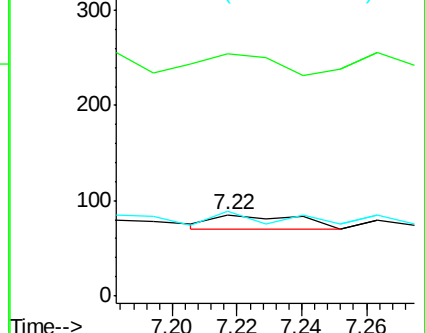
95 39.3 26.2 39.2#



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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

Tot Ion:136 Resp: 13

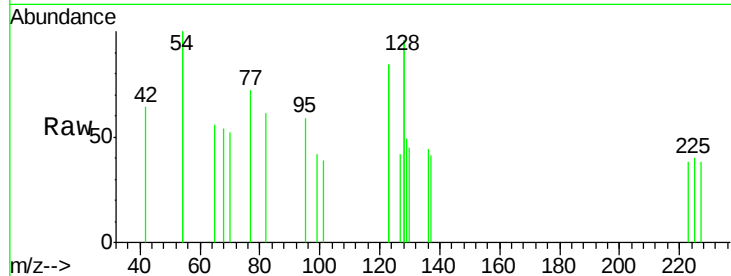
Ion Ratio Lower Upper

136 100

137 92.7 9.8 14.8#

54 454.5 18.5 27.7#

68 123.6 4.7 7.1#

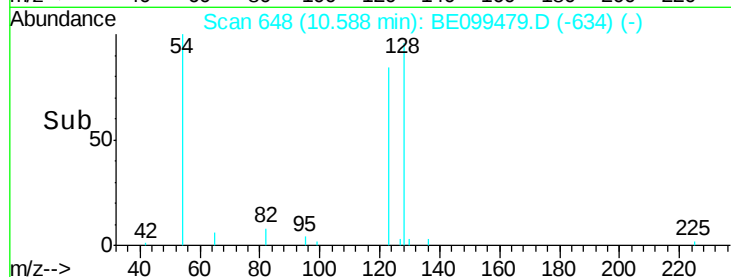
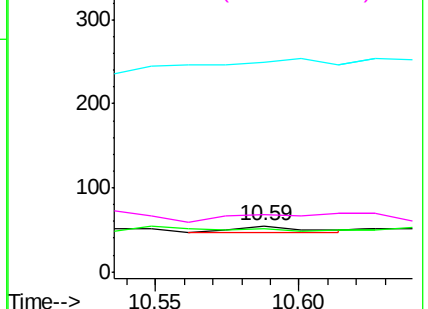


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.067 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

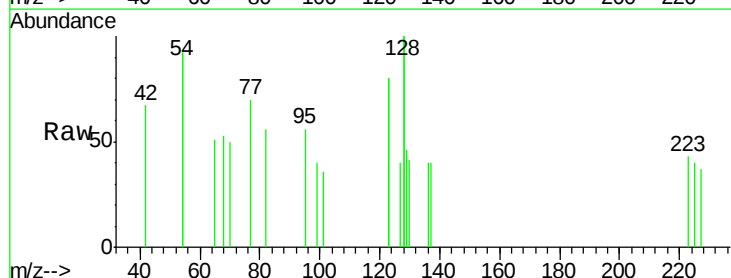
Tgt Ion: 82 Resp: 13

Ion Ratio Lower Upper

82 100

128 358.3 107.0 160.4#

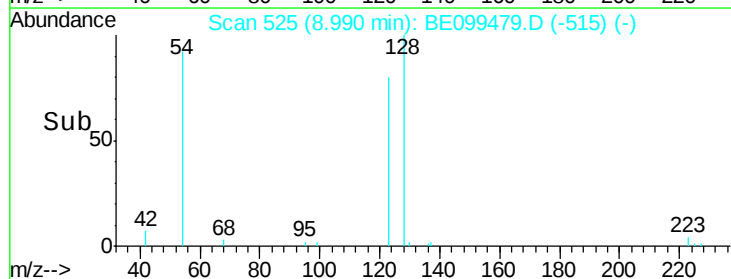
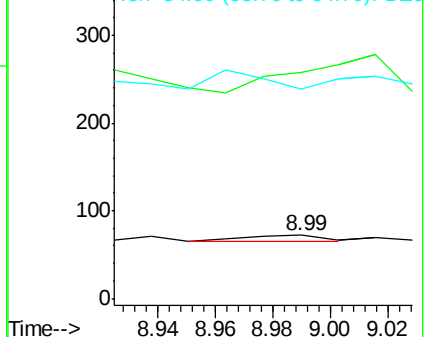
54 330.6 113.1 169.7#

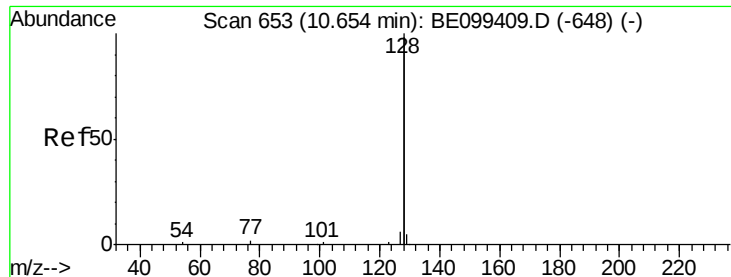


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.360 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

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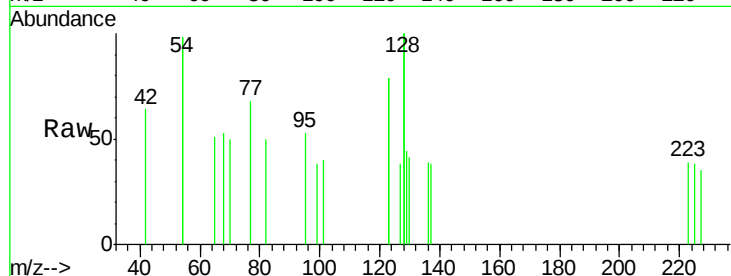
Tot Ion:128 Resp: 51

Ion Ratio Lower Upper

128 100

129 21.9 2.4 3.6#

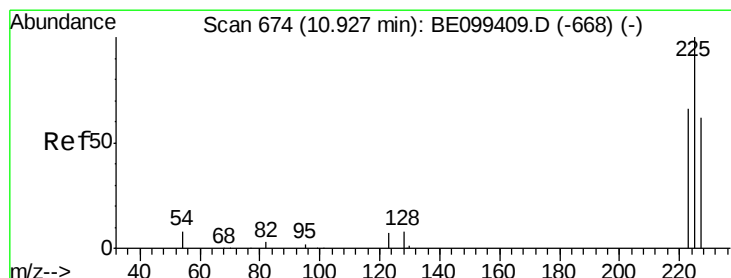
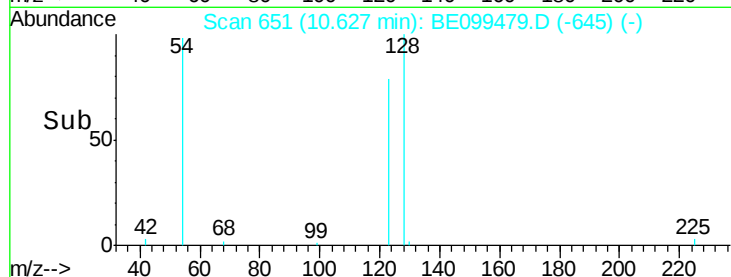
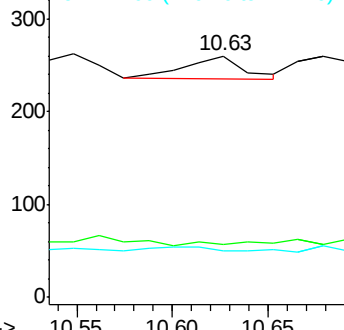
127 19.2 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.609 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

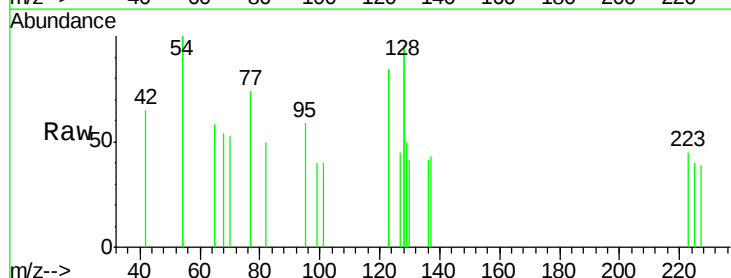
Tgt Ion:225 Resp: 6

Ion Ratio Lower Upper

225 100

223 316.7 51.0 76.6#

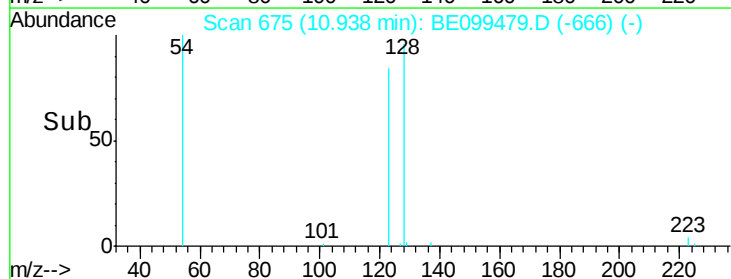
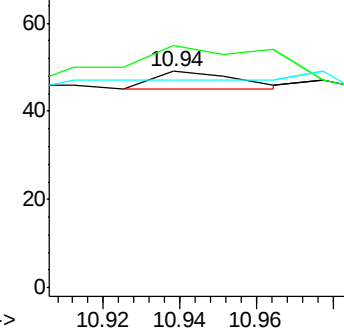
227 0.0 50.9 76.3#

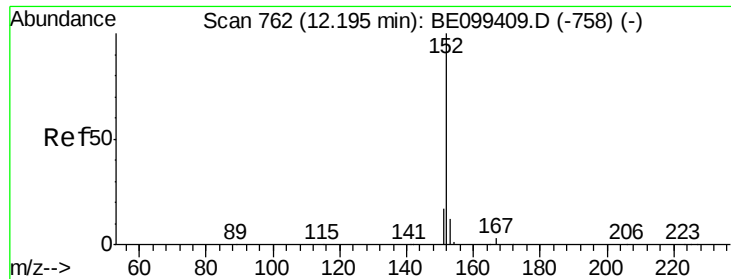


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

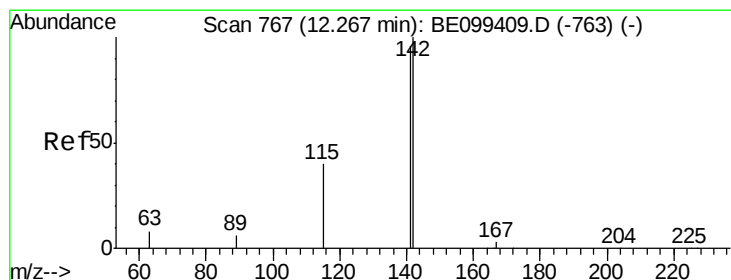
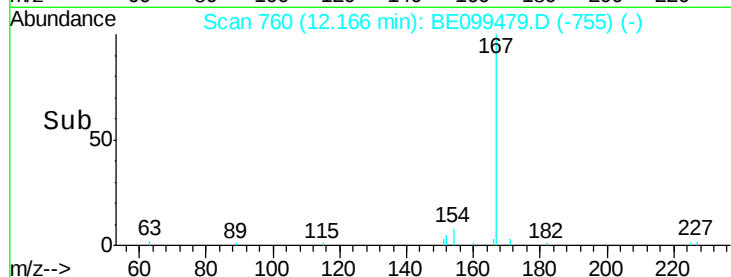
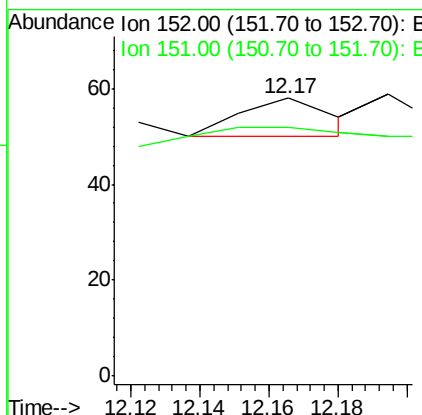
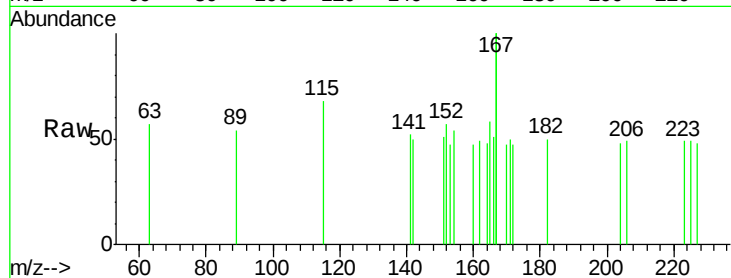




#11
2-Methylnaphthalene-d10
Concen: 0.640 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.03 min
Lab File: BE099479.D
Acq: 2 May 2019 00:58

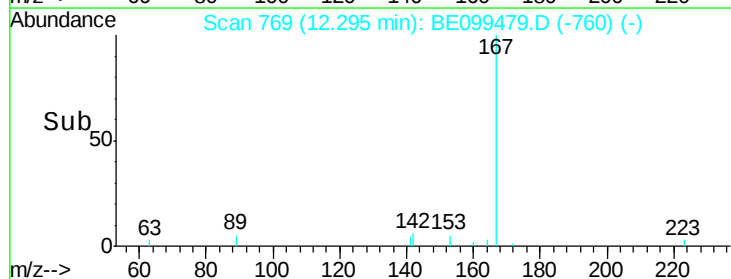
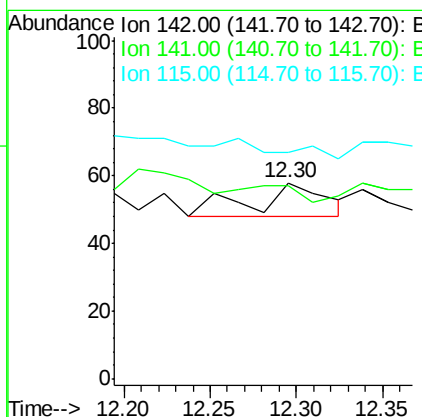
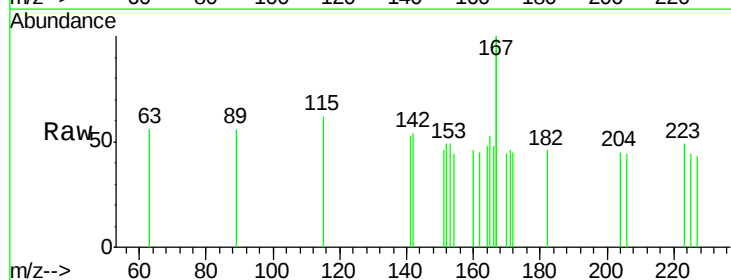
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PST-025-B031-042219

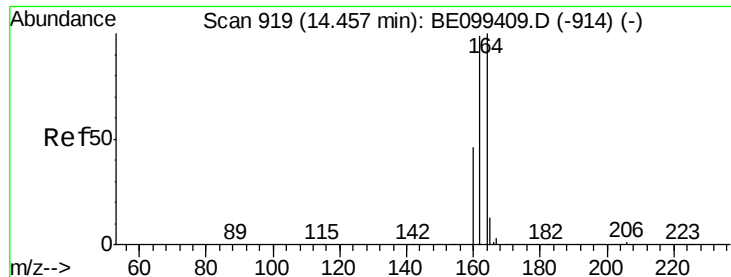
Tot Ion:152 Resp: 15
Ion Ratio Lower Upper
152 100
151 86.7 15.5 23.3#



#12
2-Methylnaphthalene
Concen: 1.177 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.03 min
Lab File: BE099479.D
Acq: 2 May 2019 00:58

Tgt Ion:142 Resp: 29
Ion Ratio Lower Upper
142 100
141 98.3 77.0 115.4
115 115.5 33.4 50.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.04 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

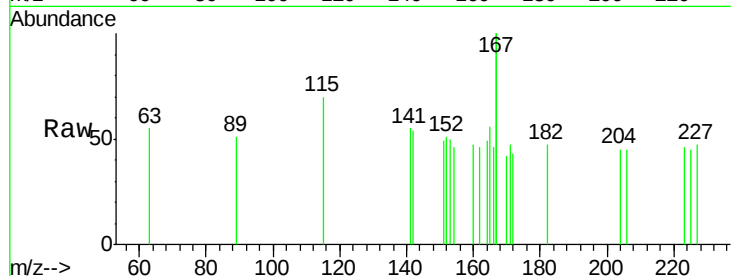
Tot Ion:164 Resp: 19

Ion Ratio Lower Upper

164 100

162 94.3 79.0 118.4

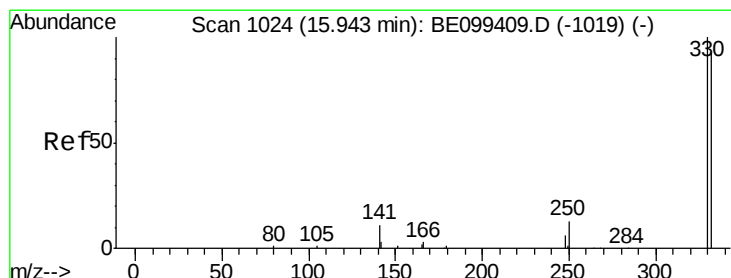
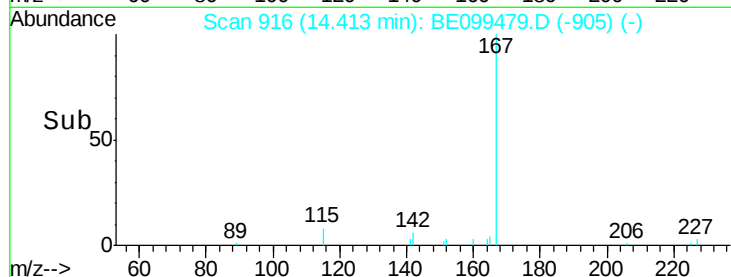
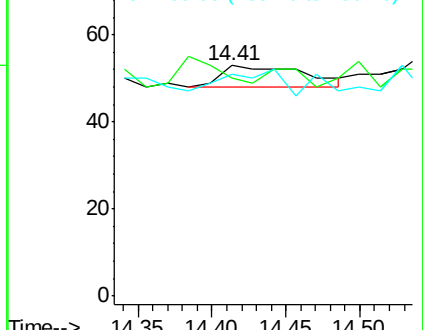
160 96.2 37.0 55.4#



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: 0.752 ng

RT: 15.85 min Scan# 1017

Delta R.T. -0.09 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

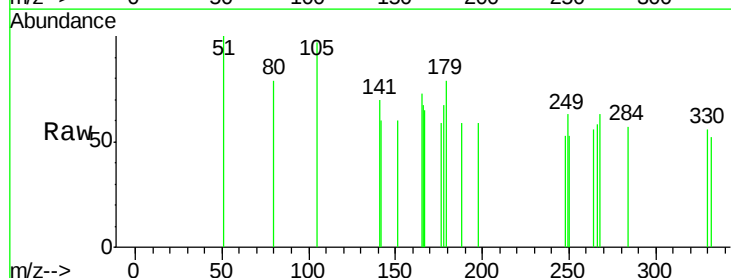
Tgt Ion:330 Resp: 9

Ion Ratio Lower Upper

330 100

332 0.0 71.5 107.3#

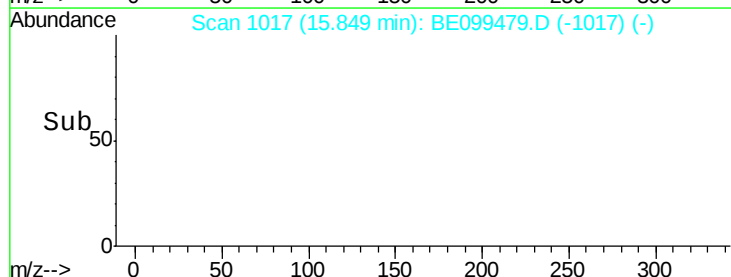
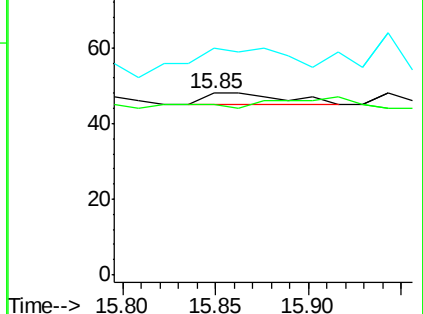
141 155.6 24.0 36.0#

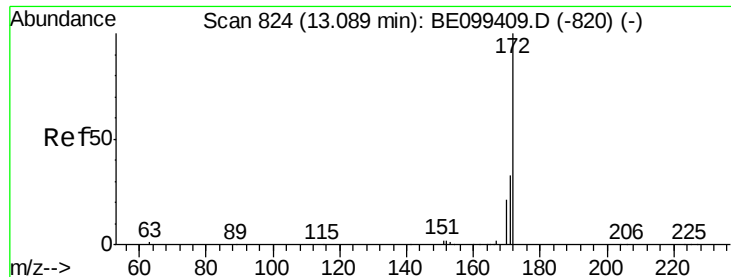


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

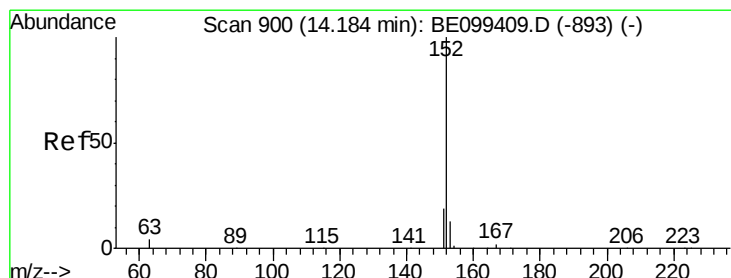
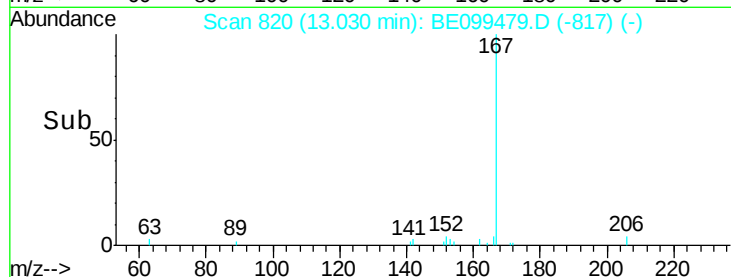
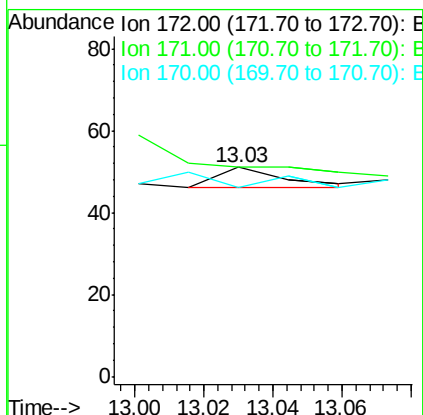
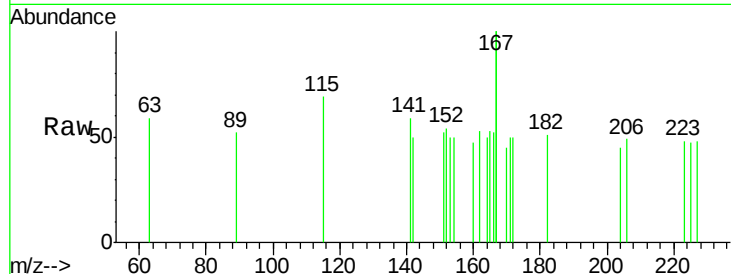




#15
2-Fluorobiphenyl
Concen: 0.097 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.06 min
Lab File: BE099479.D
Acq: 2 May 2019 00:58

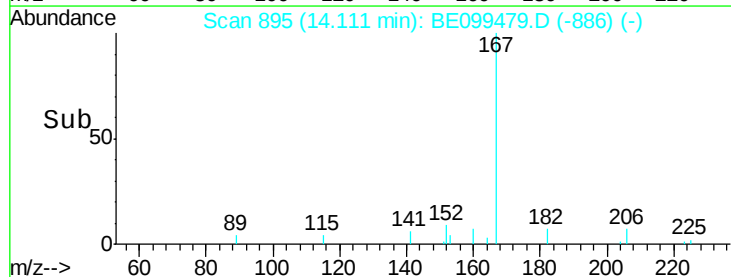
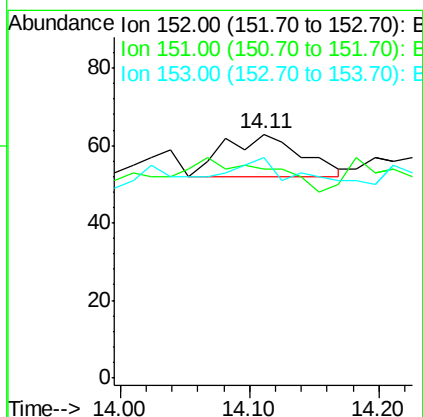
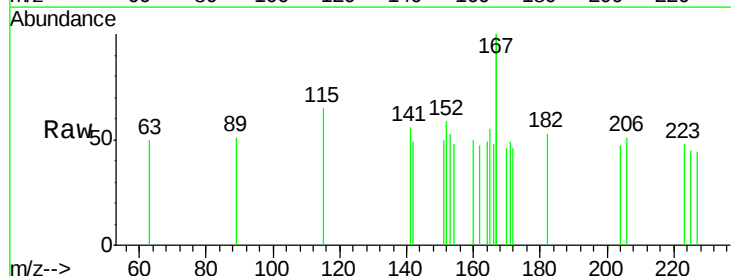
Instrument :
BNA_E
ClientSampleId :
PST-025-B031-042219

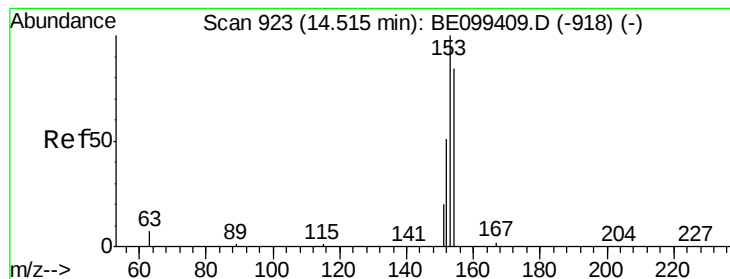
Tot Ion:172 Resp: 7
Ion Ratio Lower Upper
172 100
171 100.0 26.6 39.8#
170 90.2 17.0 25.6#



#16
Acenaphthylene
Concen: 0.495 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.07 min
Lab File: BE099479.D
Acq: 2 May 2019 00:58

Tgt Ion:152 Resp: 46
Ion Ratio Lower Upper
152 100
151 0.0 15.4 23.2#
153 34.8 9.8 14.6#





#17

Acenaphthene

Concen: 0.226 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.03 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

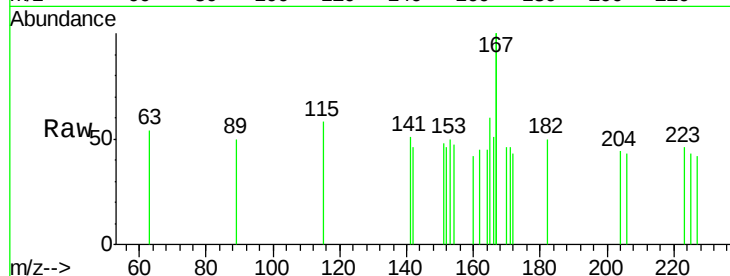
Tot Ion:154 Resp: 12

Ion Ratio Lower Upper

154 100

153 0.0 92.6 138.8#

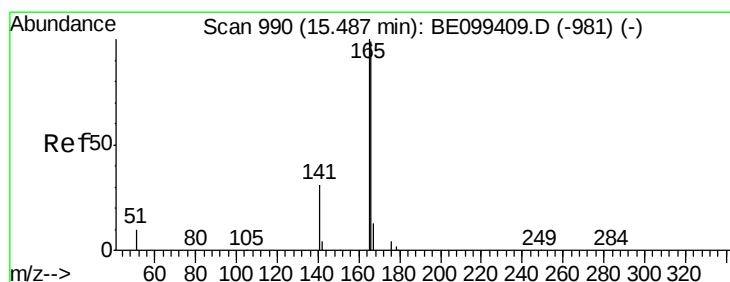
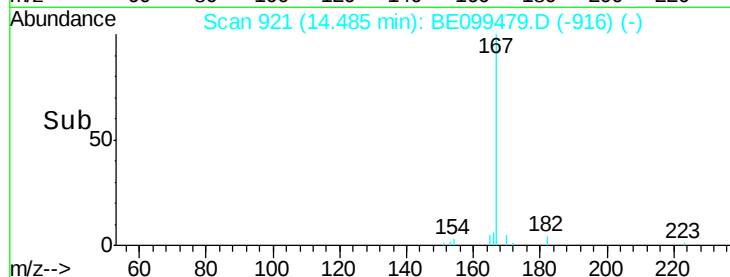
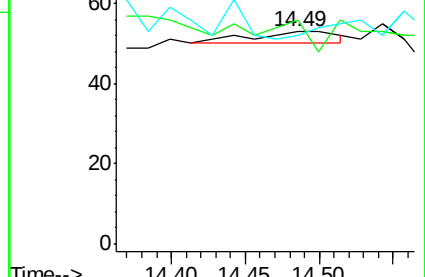
152 0.0 45.8 68.8#



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: 0.077 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.05 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

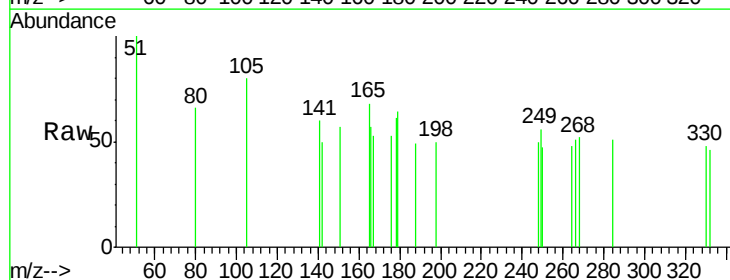
Tgt Ion:166 Resp: 6

Ion Ratio Lower Upper

166 100

165 450.0 80.3 120.5#

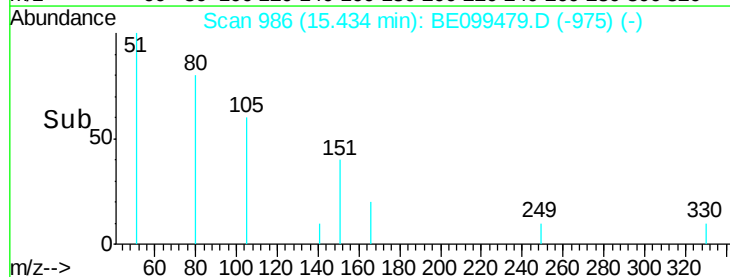
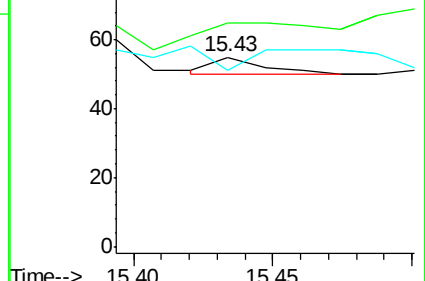
167 350.0 10.7 16.1#

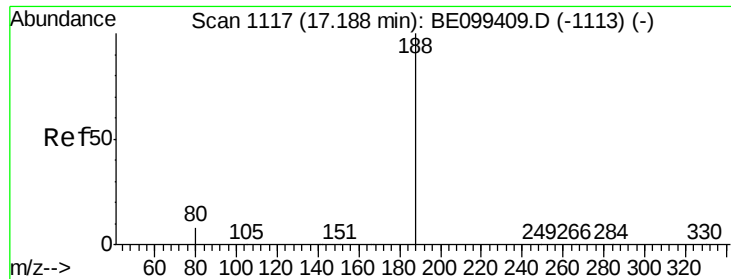


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.12 min Scan# 1112

Delta R.T. -0.07 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

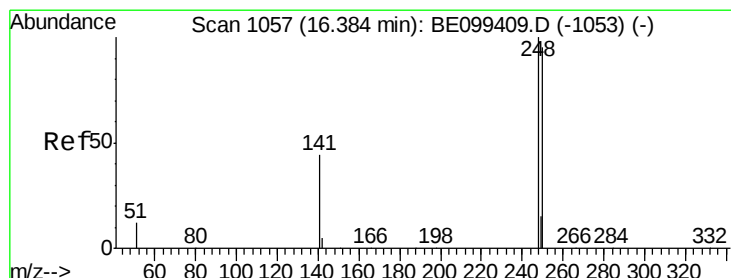
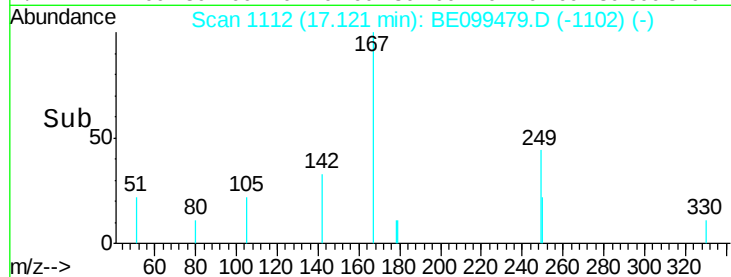
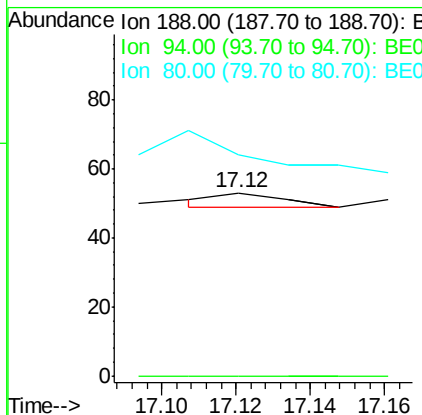
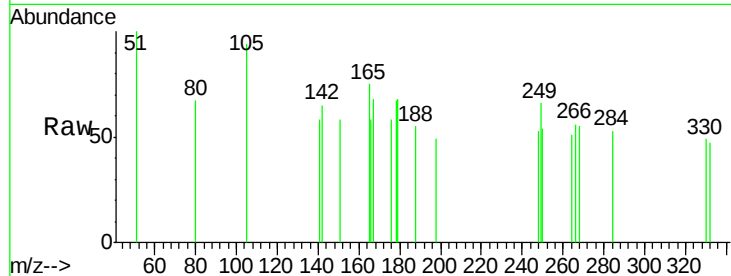
Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

Tot Ion:188	Resp:	5
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	120.8	6.7 10.1#



#20

4-Bromophenyl-phenylether

Concen: 3.436 ng

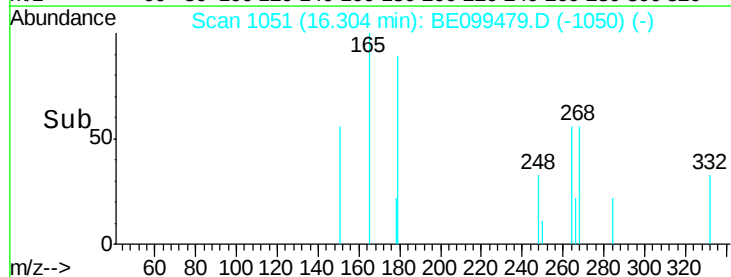
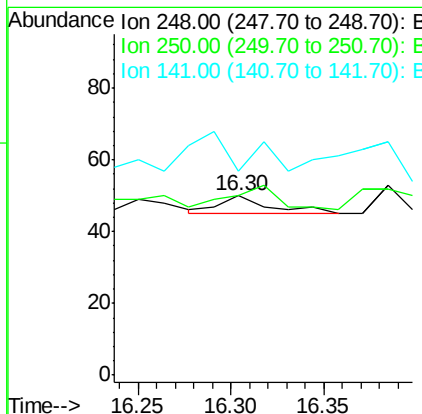
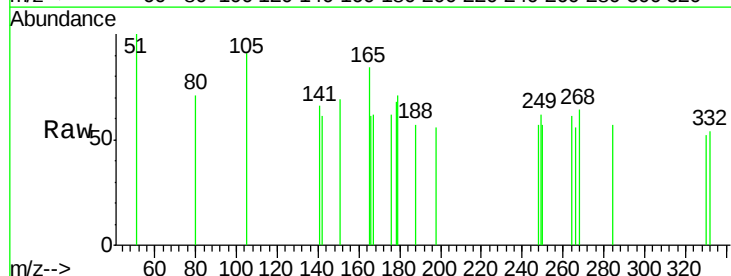
RT: 16.30 min Scan# 1051

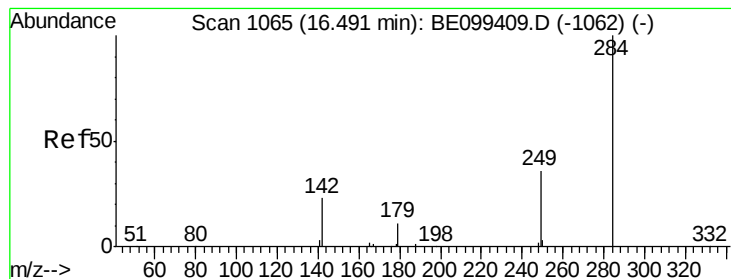
Delta R.T. -0.08 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Tgt Ion:248	Resp:	10
Ion	Ratio	Lower Upper
248	100	
250	100.0	75.8 113.8
141	114.0	35.7 53.5#





#21

Hexachlorobenzene

Concen: 5.407 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

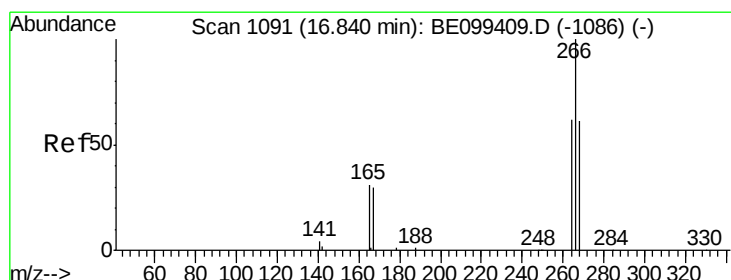
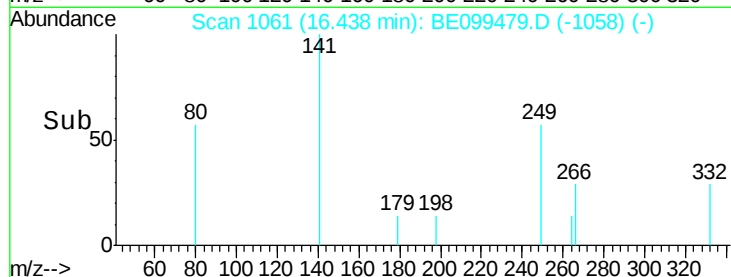
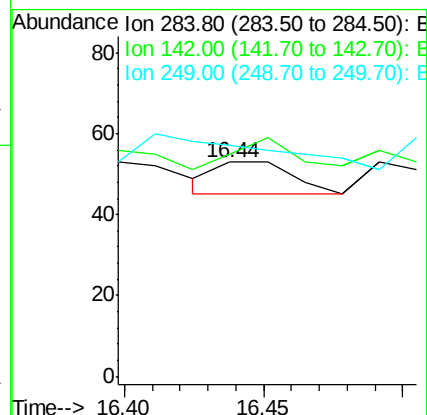
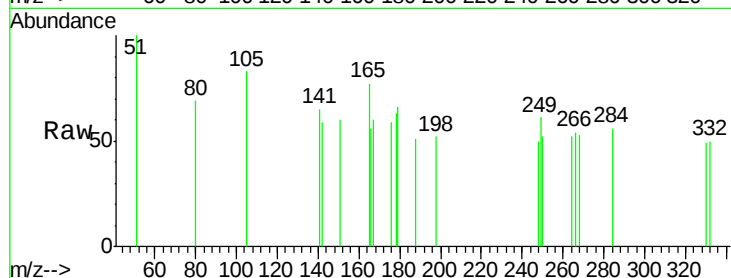
Tot Ion:284 Resp: 15

Ion Ratio Lower Upper

284 100

142 80.0 21.0 31.6#

249 0.0 26.7 40.1#



#22

Pentachlorophenol

Concen: 8.001 ng

RT: 16.76 min Scan# 1085

Delta R.T. -0.08 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

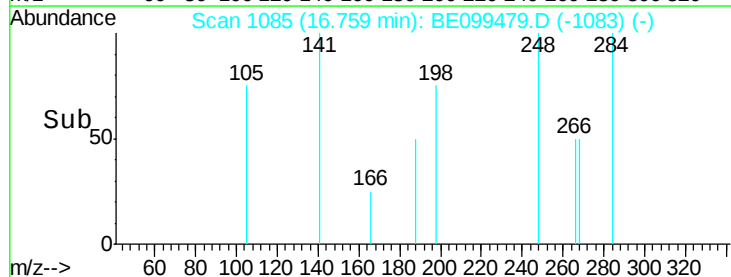
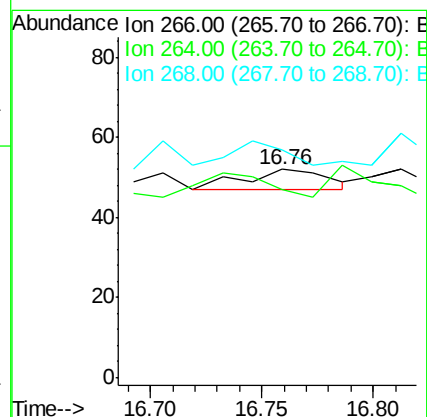
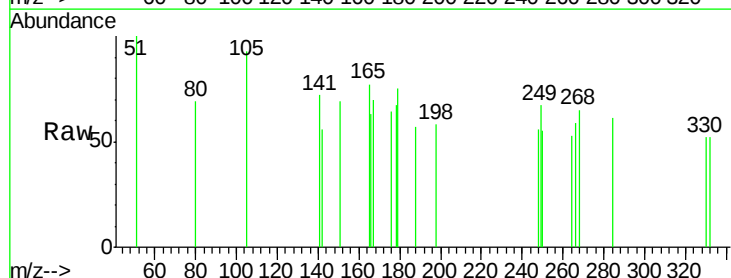
Tgt Ion:266 Resp: 13

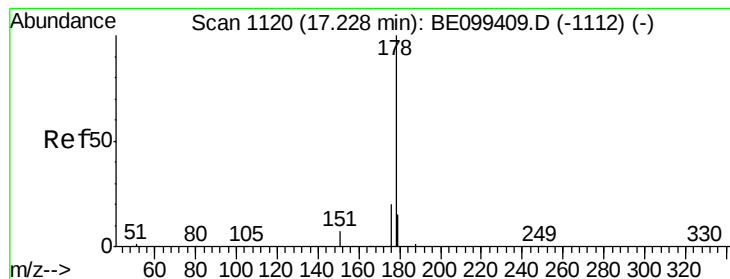
Ion Ratio Lower Upper

266 100

264 90.4 50.8 76.2#

268 109.6 50.5 75.7#





#23

Phenanthrene

Concen: 4.340 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

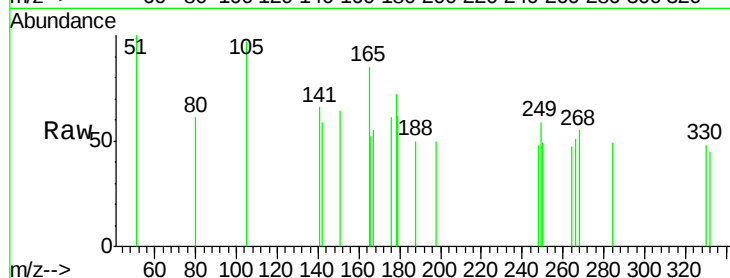
Tot Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 48.2 15.6 23.4#

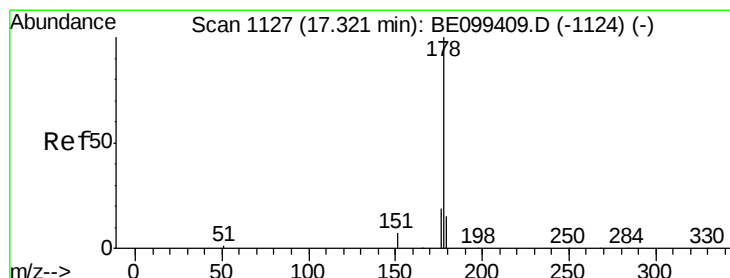
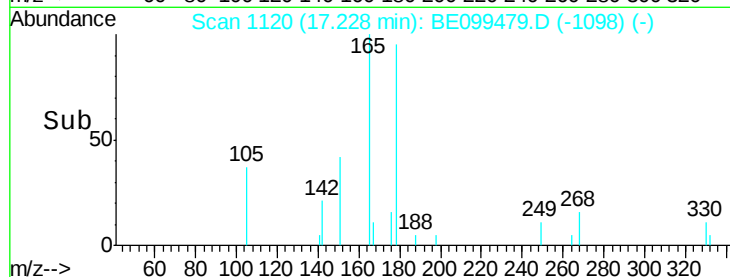
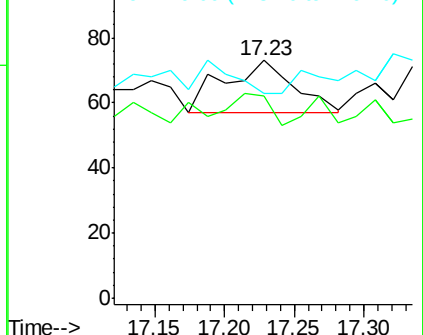
179 0.0 12.0 18.0#



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: 2.846 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.09 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

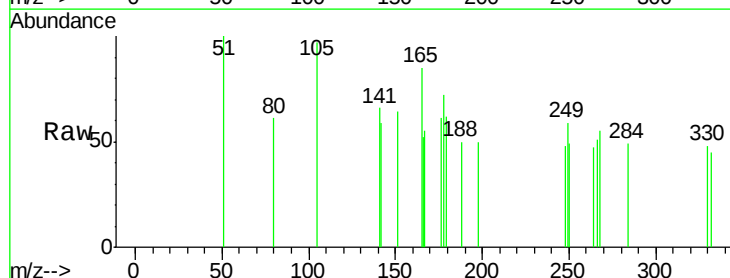
Tgt Ion:178 Resp: 35

Ion Ratio Lower Upper

178 100

176 54.3 14.9 22.3#

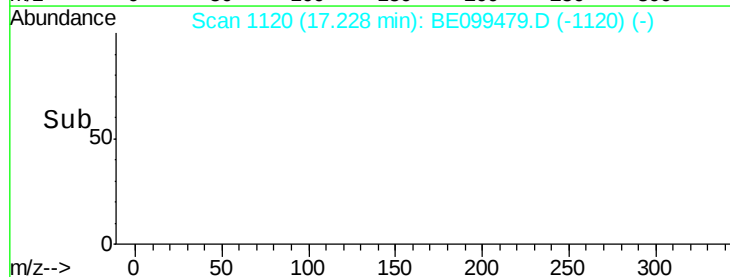
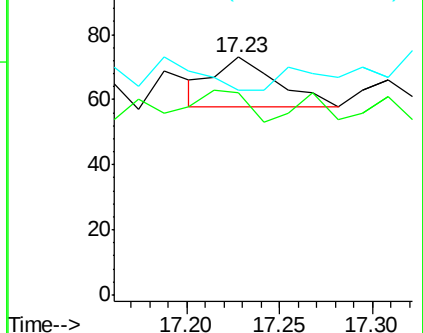
179 0.0 11.9 17.9#

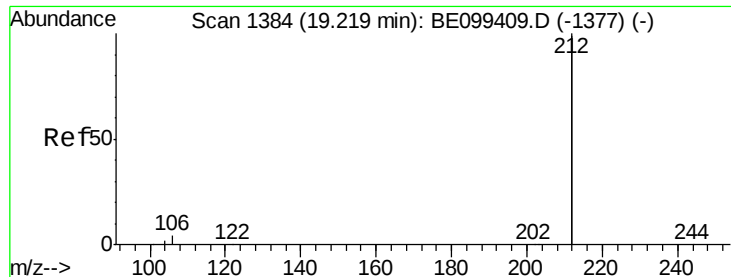


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.13 min Scan# 1369

Delta R.T. -0.09 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

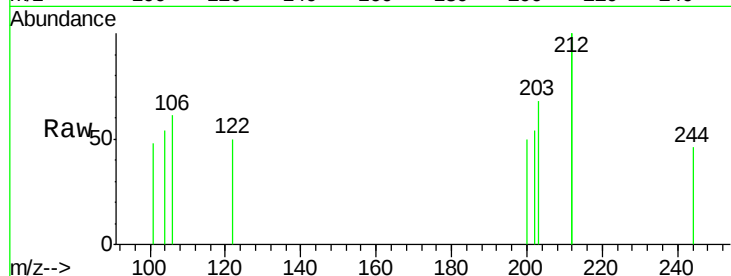
Tot Ion:212 Resp: 26

Ion Ratio Lower Upper

212 100

106 19.2 1.5 2.3#

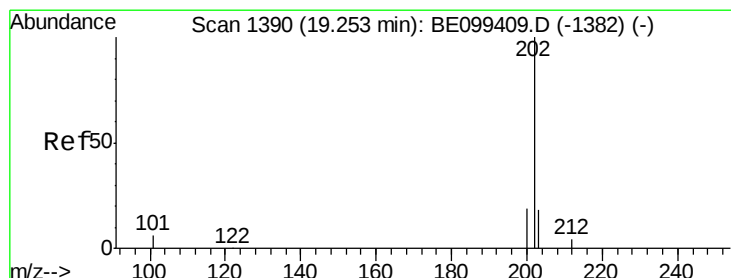
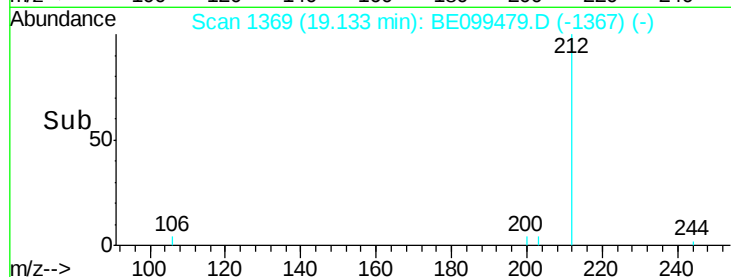
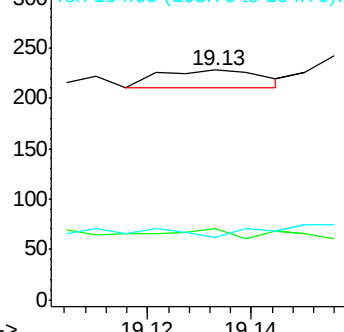
104 0.0 0.9 1.3#



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: 0.103 ng

RT: 19.17 min Scan# 1375

Delta R.T. -0.09 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

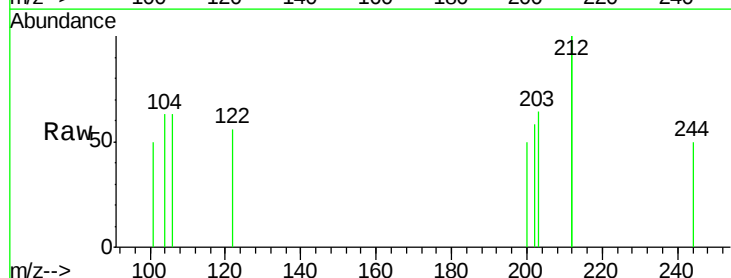
Tgt Ion:202 Resp: 2

Ion Ratio Lower Upper

202 100

101 0.0 5.4 8.0#

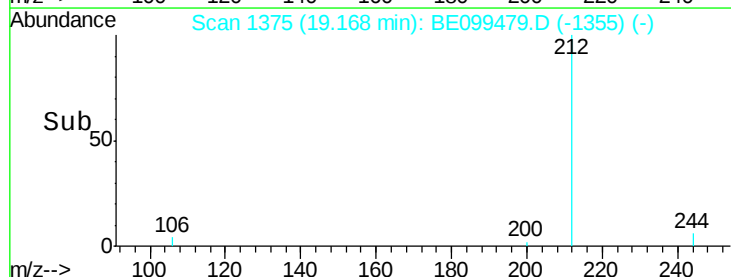
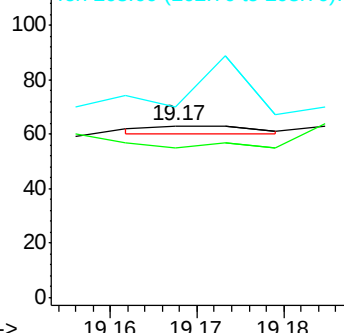
203 300.0 13.9 20.9#



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: 21.31 min Scan# 1625

Delta R.T. -0.06 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

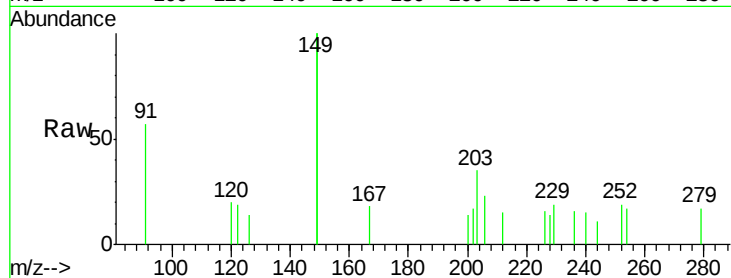
Tot Ion:240 Resp: 19

Ion Ratio Lower Upper

240 100

120 136.9 4.0 6.0#

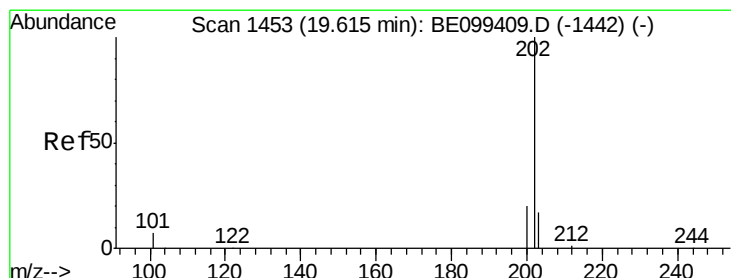
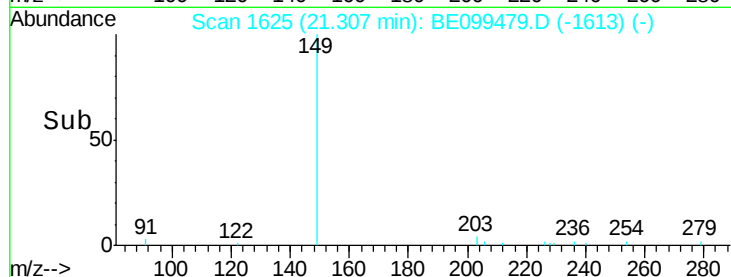
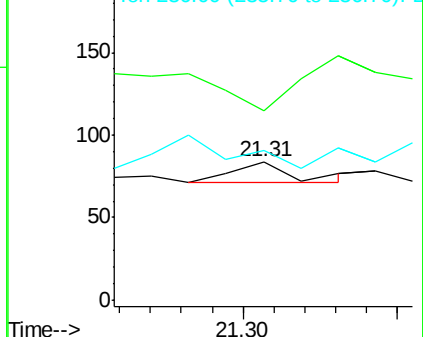
236 108.3 22.0 33.0#



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: 0.242 ng

RT: 19.56 min Scan# 1443

Delta R.T. -0.06 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

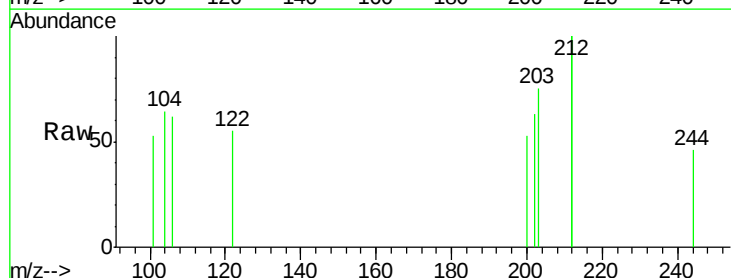
Tgt Ion:202 Resp: 12

Ion Ratio Lower Upper

202 100

200 133.3 15.7 23.5#

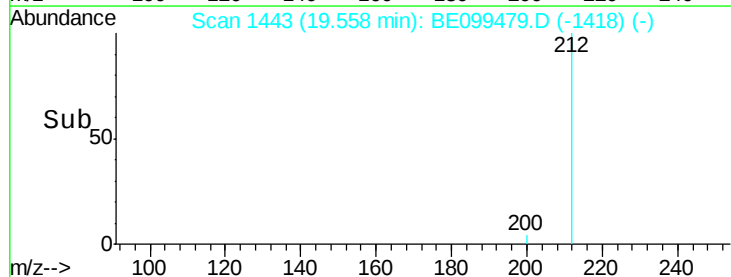
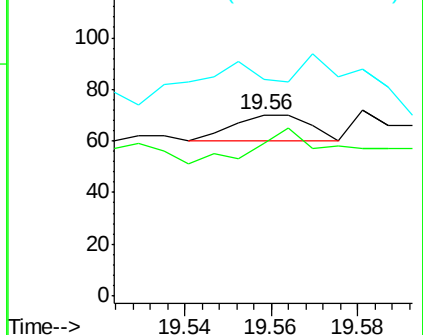
203 183.3 13.9 20.9#

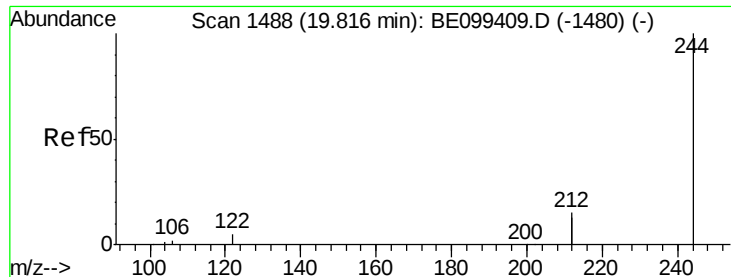


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.144 ng

RT: 19.78 min Scan# 1481

Delta R.T. -0.04 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

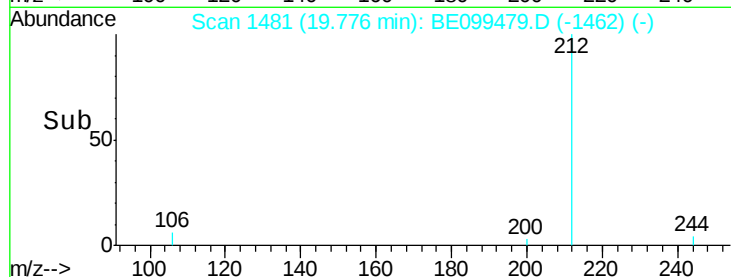
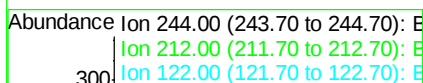
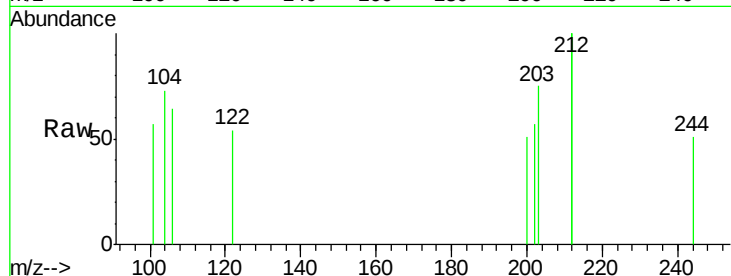
Tot Ion:244 Resp: 5

Ion Ratio Lower Upper

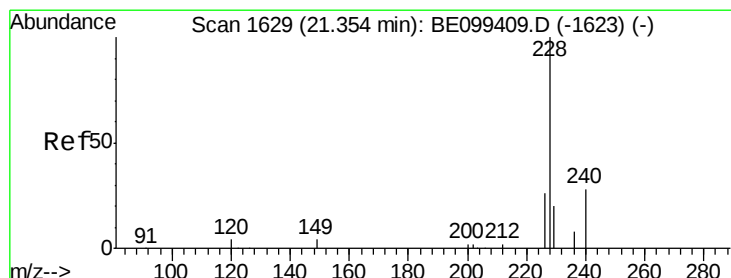
244 100

212 393.1 23.2 34.8#

122 106.9 4.2 6.4#



Time-->



#30

Benzo(a)anthracene

Concen: 0.314 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.04 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

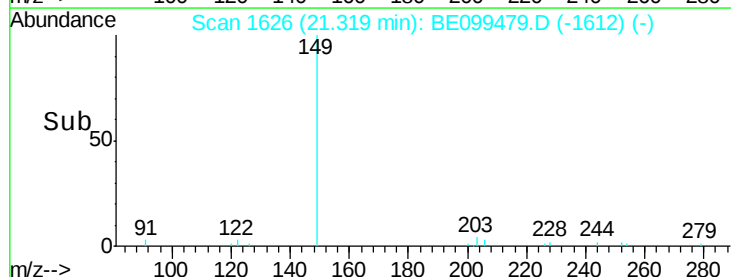
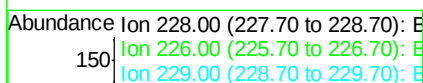
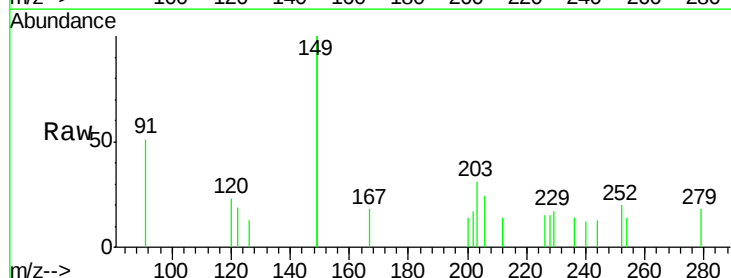
Tgt Ion:228 Resp: 19

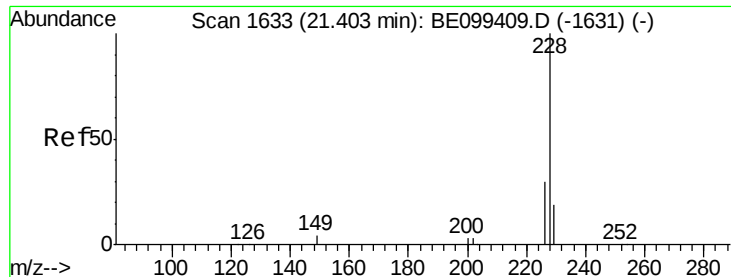
Ion Ratio Lower Upper

228 100

226 97.8 21.0 31.6#

229 113.5 16.6 25.0#





#31

Chrysene

Concen: 0.574 ng

RT: 21.36 min Scan# 1629

Delta R.T. -0.05 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

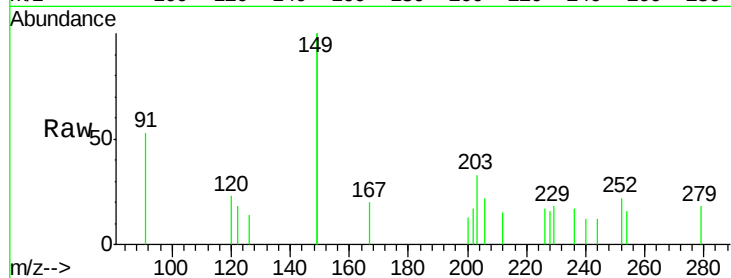
Tot Ion:228 Resp: 34

Ion Ratio Lower Upper

228 100

226 101.1 24.0 36.0#

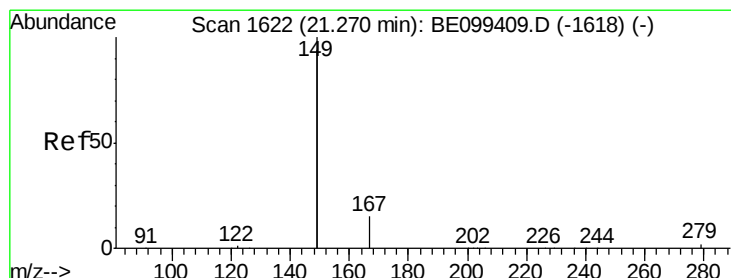
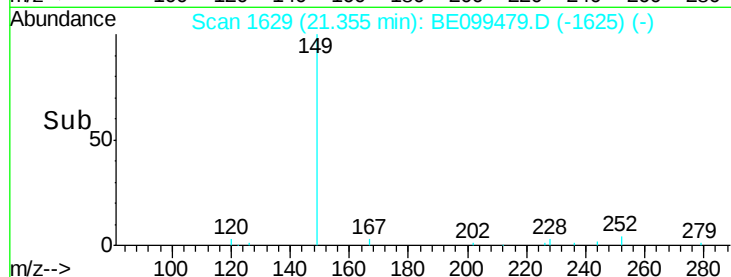
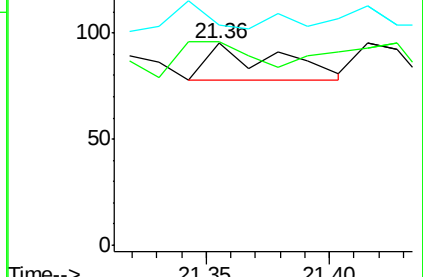
229 109.5 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.625 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.05 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

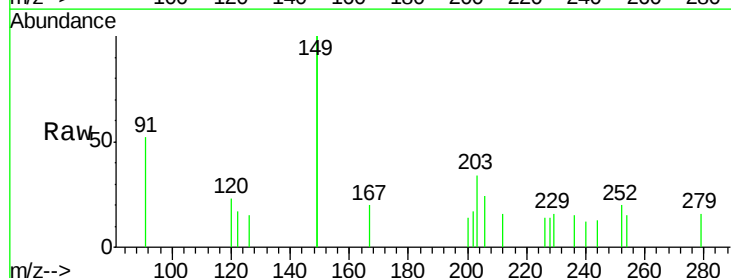
Tgt Ion:149 Resp: 401

Ion Ratio Lower Upper

149 100

167 1.7 5.8 8.6#

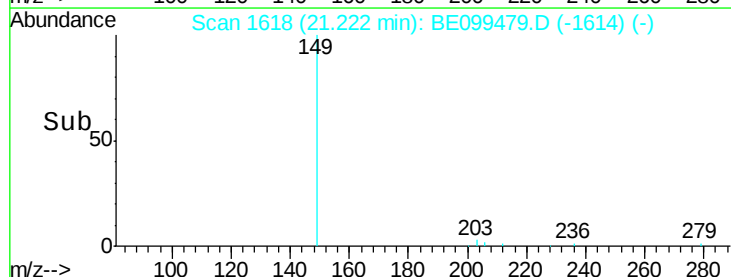
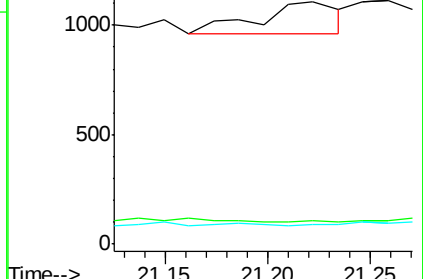
279 0.0 1.0 1.6#

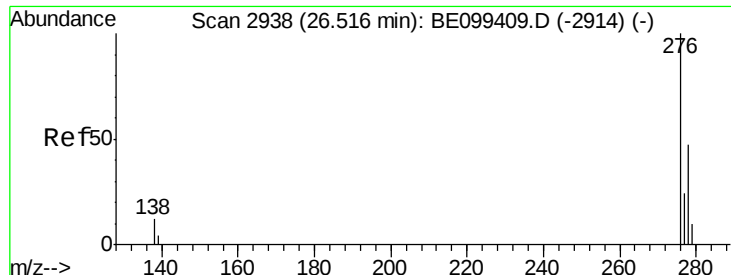


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.043 ng

RT: 26.43 min Scan# 2914

Delta R.T. -0.09 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

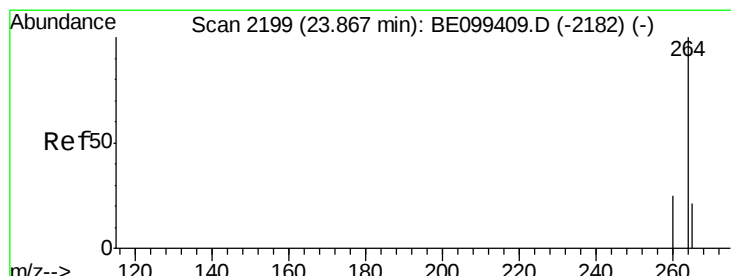
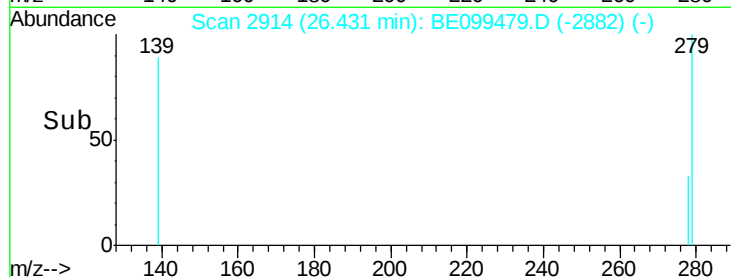
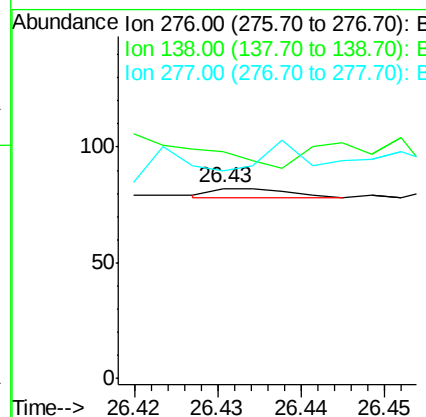
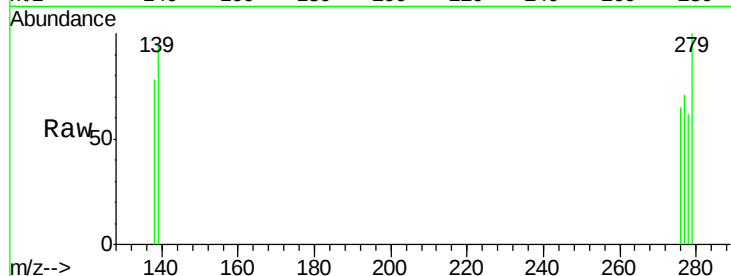
BNA_E

ClientSampleId :

PST-025-B031-042219

Tot Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
138	200.0	10.2	15.2#
277	200.0	19.2	28.8#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.80 min Scan# 2180

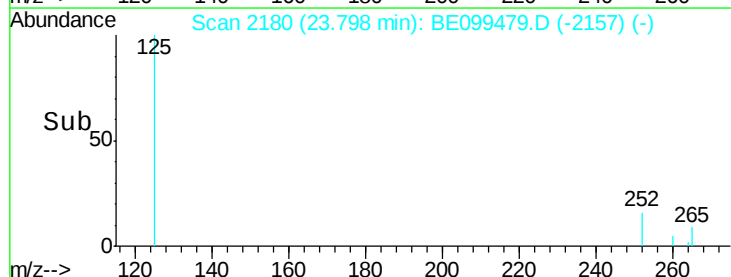
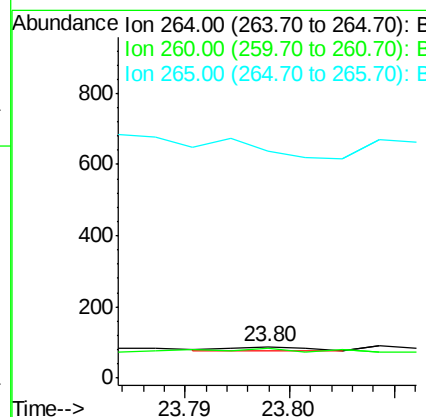
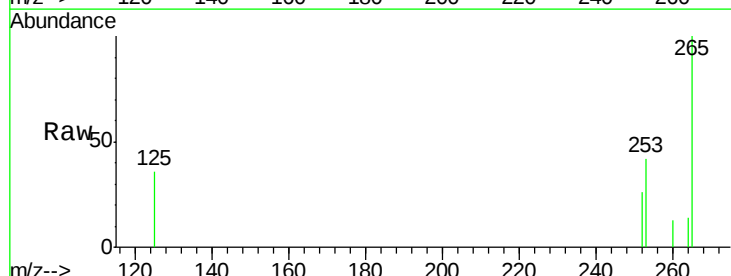
Delta R.T. -0.07 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Tgt Ion:264 Resp: 4

Ion	Ratio	Lower	Upper
264	100		
260	96.6	20.2	30.2#
265	731.0	21.3	31.9#





#35

Benzo(b)fluoranthene

Concen: 2.514 ng

RT: 23.04 min Scan# 1968

Delta R.T. -0.05 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

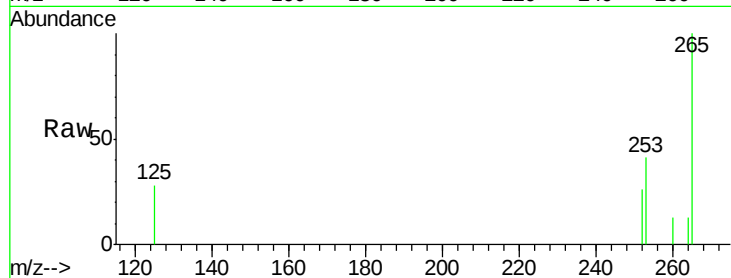
Tot Ion:252 Resp: 29

Ion Ratio Lower Upper

252 100

253 160.2 18.1 27.1#

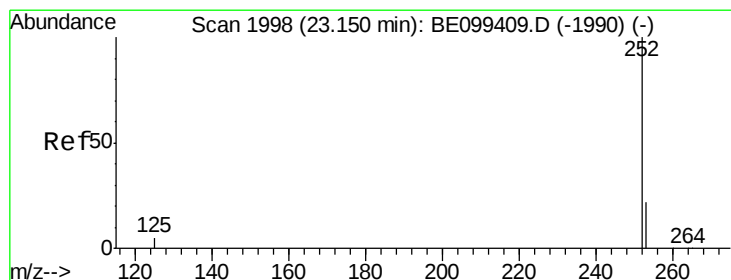
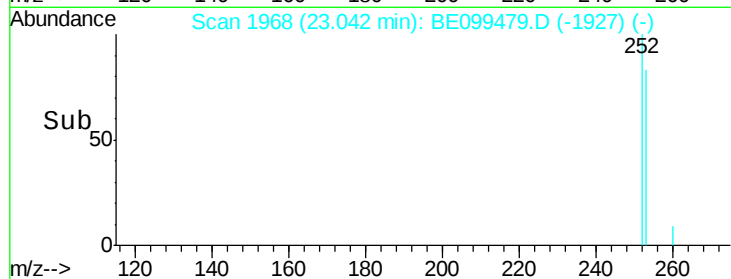
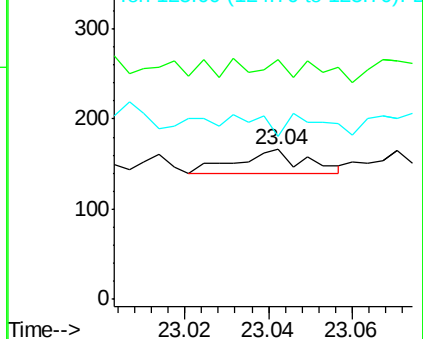
125 109.0 5.6 8.4#



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: 0.989 ng

RT: 23.09 min Scan# 1980

Delta R.T. -0.07 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

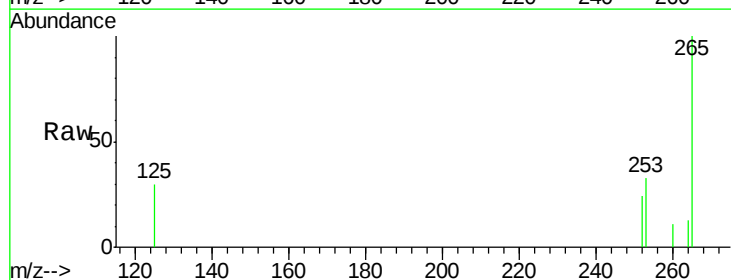
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 135.7 18.4 27.6#

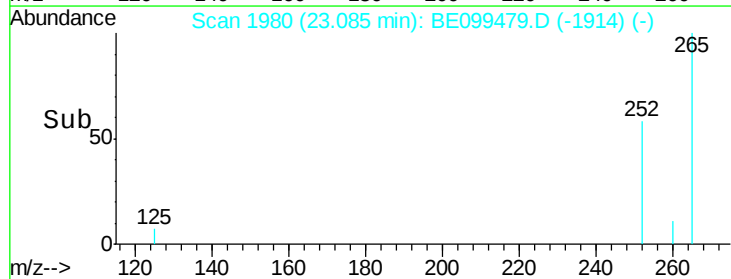
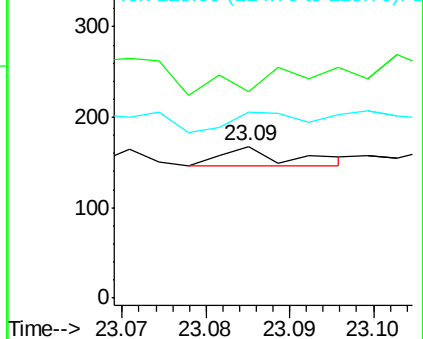
125 122.6 5.0 7.4#



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: 0.917 ng

RT: 23.72 min Scan# 2158

Delta R.T. -0.04 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219

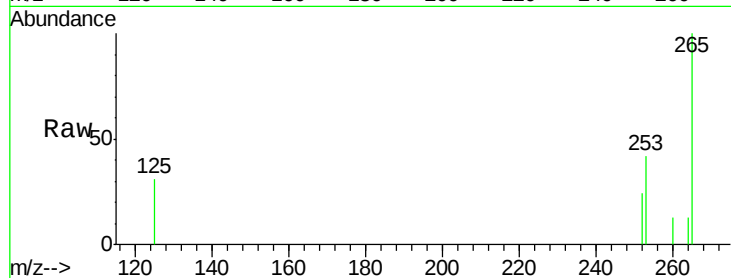
Tot Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 171.3 18.9 28.3#

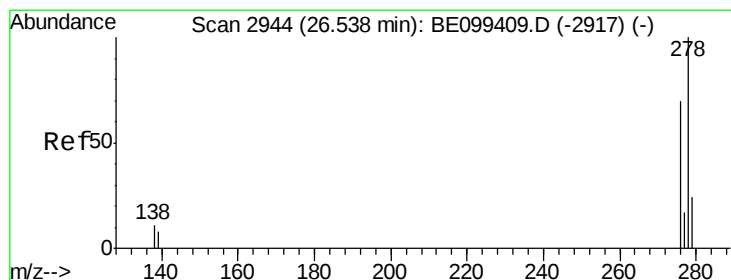
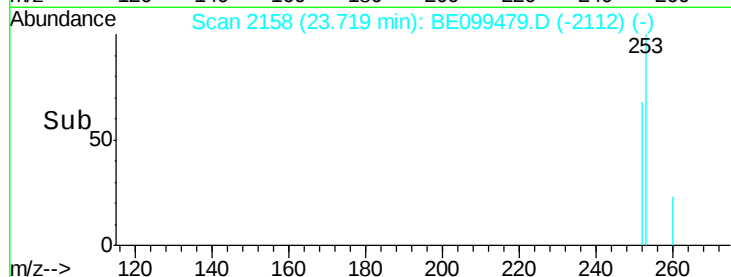
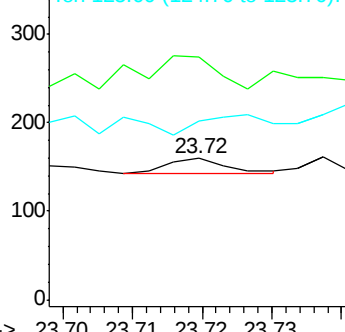
125 126.3 6.7 10.1#



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: 0.628 ng

RT: 26.44 min Scan# 2916

Delta R.T. -0.10 min

Lab File: BE099479.D

Acq: 2 May 2019 00:58

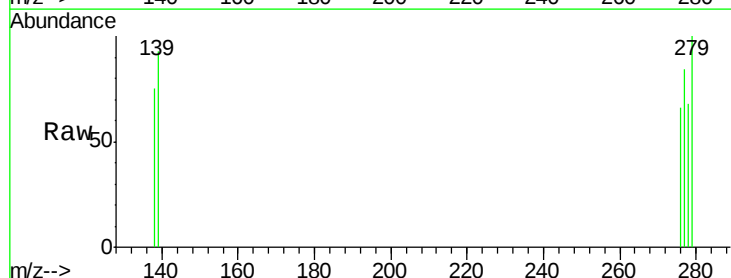
Tgt Ion:278 Resp: 7

Ion Ratio Lower Upper

278 100

139 136.1 7.7 11.5#

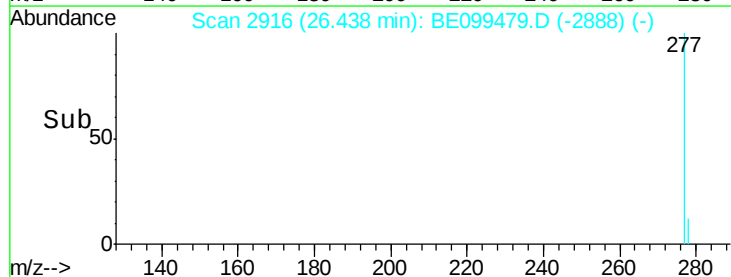
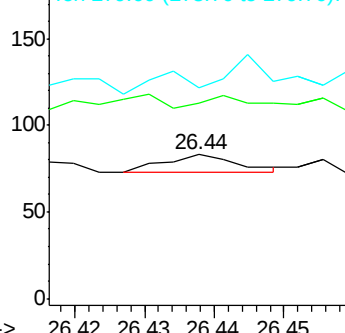
279 147.0 20.2 30.2#



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: 1.163 ng

RT: 27.24 min Scan# 3141

Delta R.T. -0.09 min

Lab File: BE099479.D

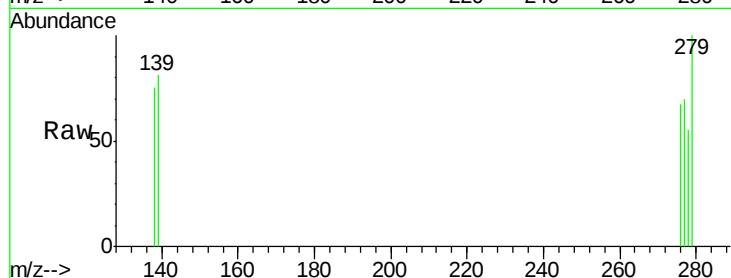
Acq: 2 May 2019 00:58

Instrument :

BNA_E

ClientSampleId :

PST-025-B031-042219



Tot Ion: 276 Resp: 13

Ion Ratio Lower Upper

276 100

277 104.7 19.5 29.3#

138 112.8 9.6 14.4#

