

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
 Data File : BE099544.D
 Acq On : 3 May 2019 23:44
 Operator : JU/SJ
 Sample : K2588-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B167-042319

Quant Time: May 04 01:05:36 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	2290	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8921	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6937	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	19612	0.40	ng	0.01
27) Chrysene-d12	21.38	240	22277	0.40	ng	0.01
34) Perylene-d12	23.89	264	26806	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	2516	0.40	ng	0.00
5) Phenol-d6	6.98	99	3758	0.45	ng	0.00
8) Nitrobenzene-d5	8.96	82	3258	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	6075	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	1989	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	9147	0.35	ng	0.00
25) Fluoranthene-d10	19.23	212	79513	0.30	ng	0.01
29) Terphenyl-d14	19.82	244	16606	0.41	ng	0.00

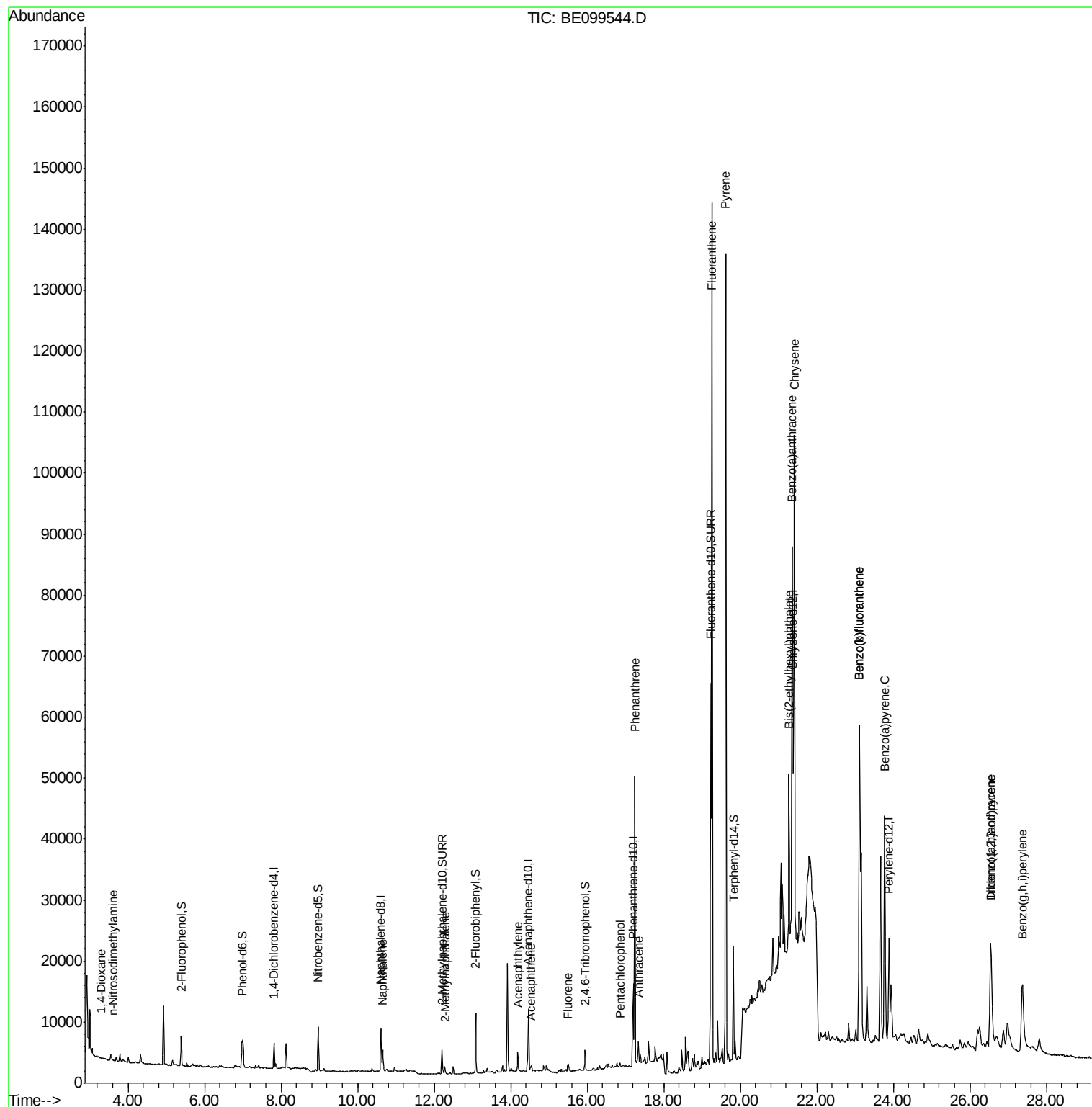
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	82	0.026	ng	# 1
3) n-Nitrosodimethylamine	3.61	42	38	0.020	ng	# 1
9) Naphthalene	10.65	128	5439	0.056	ng	# 96
12) 2-Methylnaphthalene	12.28	142	911	0.054	ng	89
16) Acenaphthylene	14.18	152	4349	0.128	ng	98
17) Acenaphthene	14.53	154	460	0.024	ng	94
18) Fluorene	15.50	166	1480	0.052	ng	# 88
22) Pentachlorophenol	16.85	266	51	0.224	ng	# 67
23) Phenanthrene	17.24	178	49787	0.984	ng	99
24) Anthracene	17.34	178	4688	0.097	ng	# 90
26) Fluoranthene	19.26	202	127183	1.678	ng	99
28) Pyrene	19.62	202	120489	2.075	ng	97
30) Benzo(a)anthracene	21.35	228	62932	0.887	ng	93
31) Chrysene	21.41	228	79505	1.145	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	34940	0.277	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.55	276	42577	0.519	ng	# 94
35) Benzo(b)fluoranthene	23.11	252	103572	1.340	ng	# 95
36) Benzo(k)fluoranthene	23.11	252	103572	1.390	ng	# 95
37) Benzo(a)pyrene	23.77	252	63119	0.864	ng	# 95
38) Dibenzo(a,h)anthracene	26.56	278	9547	0.128	ng	# 61
39) Benzo(g,h,i)perylene	27.38	276	38177	0.510	ng	# 89

(#) = 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: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

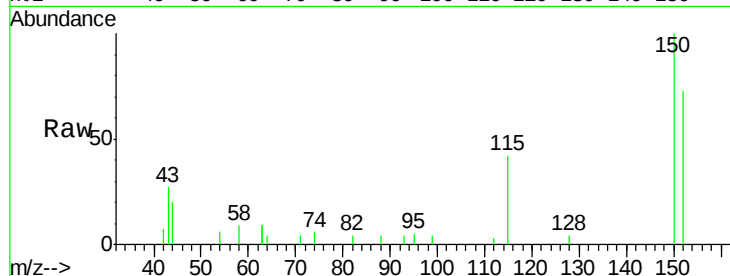
Tot Ion:152 Resp: 2290

Ion Ratio Lower Upper

152 100

150 137.5 104.8 157.2

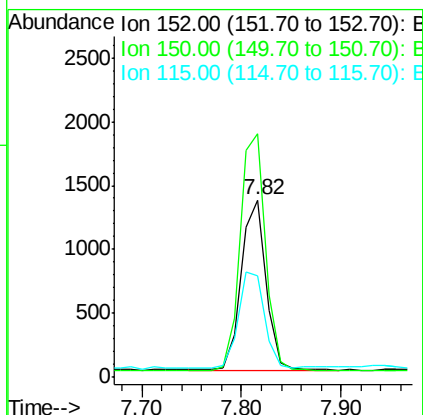
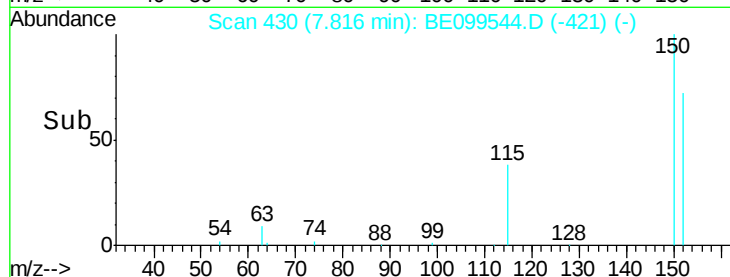
115 57.1 46.6 69.8



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: 0.026 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.02 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

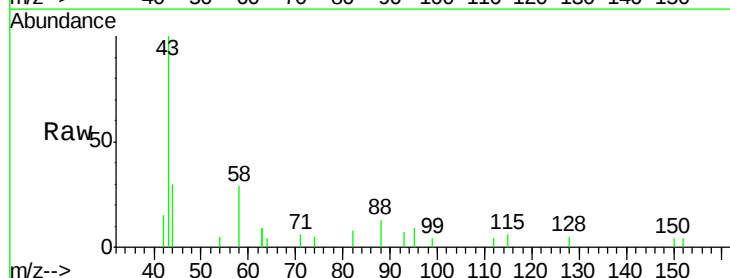
Tgt Ion: 88 Resp: 82

Ion Ratio Lower Upper

88 100

58 0.0 51.0 76.6#

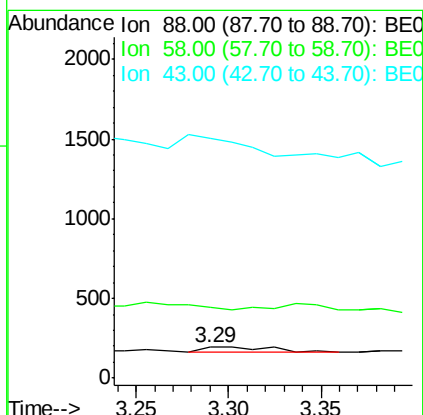
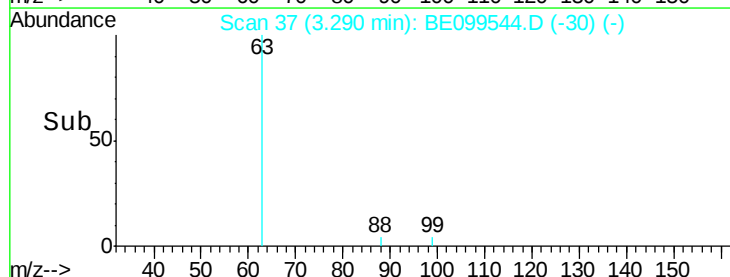
43 311.0 20.6 30.8#



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



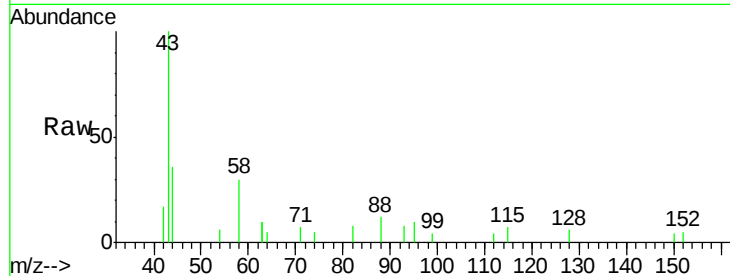


#3

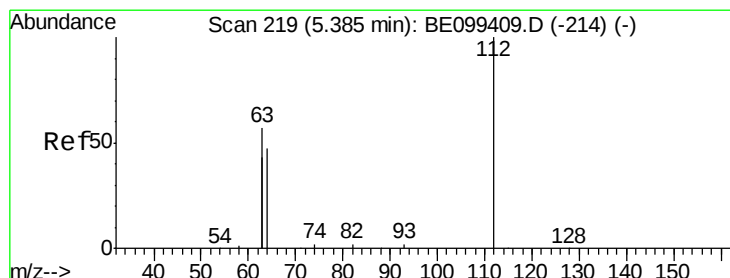
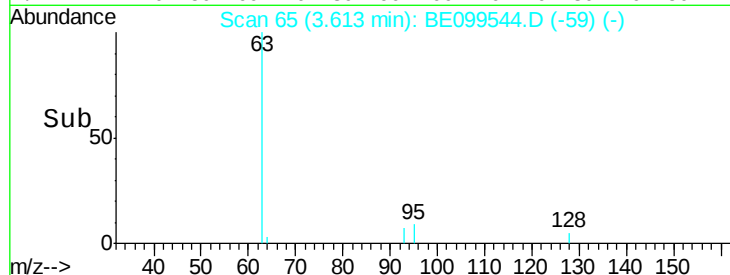
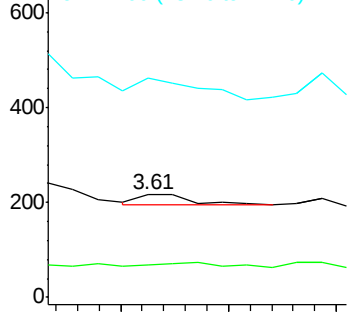
n-Nitrosodimethylamine
 Concen: 0.020 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.03 min
 Lab File: BE099544.D
 Acq: 3 May 2019 23:44

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B167-042319

Tot Ion: 42 Resp: 38
 Ion Ratio Lower Upper
 42 100
 74 0.0 141.6 212.4#
 44 0.0 0.0 0.0



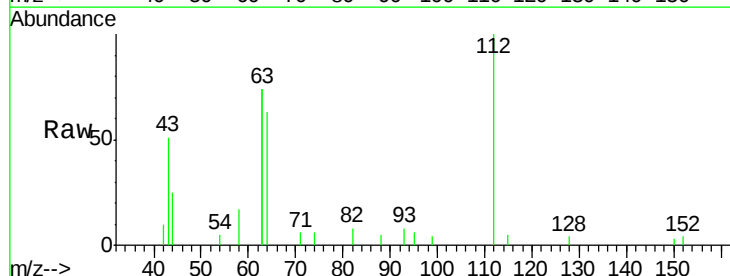
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



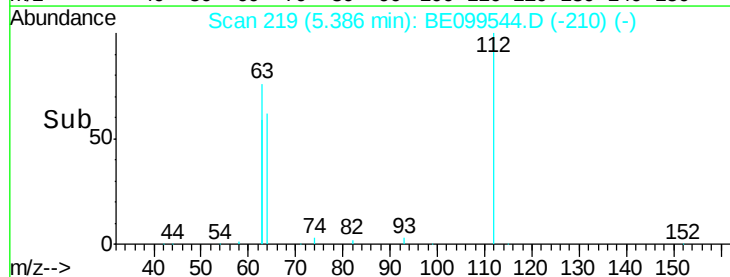
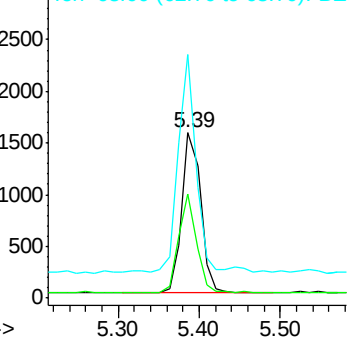
#4

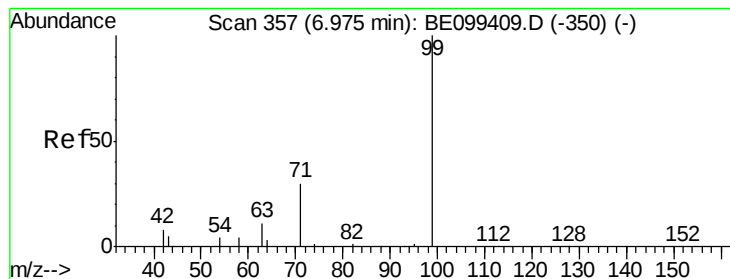
2-Fluorophenol
 Concen: 0.397 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099544.D
 Acq: 3 May 2019 23:44

Tgt Ion: 112 Resp: 2516
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.4 71.0
 63 124.5 104.3 156.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.446 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

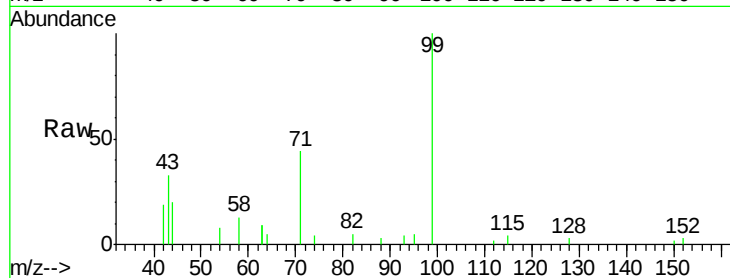
Tot Ion: 99 Resp: 3758

Ion Ratio Lower Upper

99 100

42 19.1 14.9 22.3

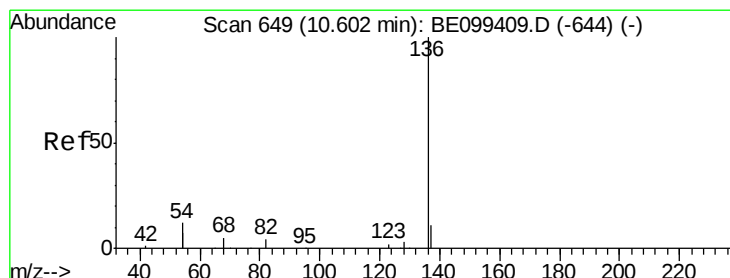
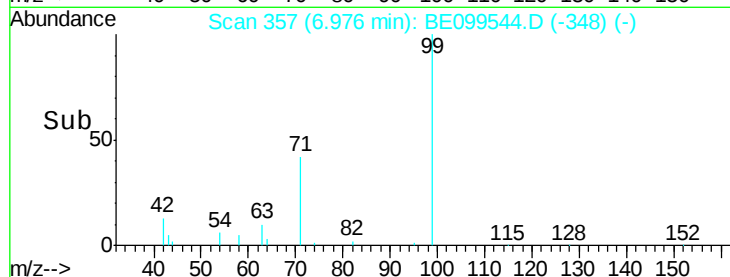
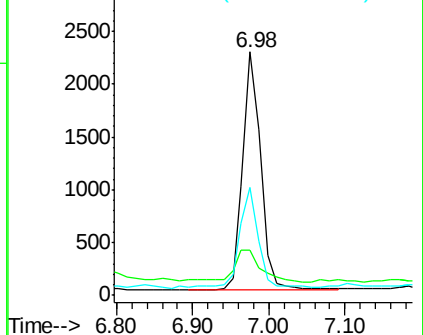
71 42.2 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Tgt Ion: 136 Resp: 8921

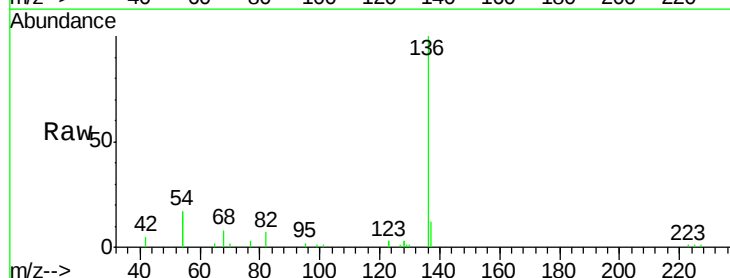
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 33.2 18.5 27.7#

68 7.9 4.7 7.1#

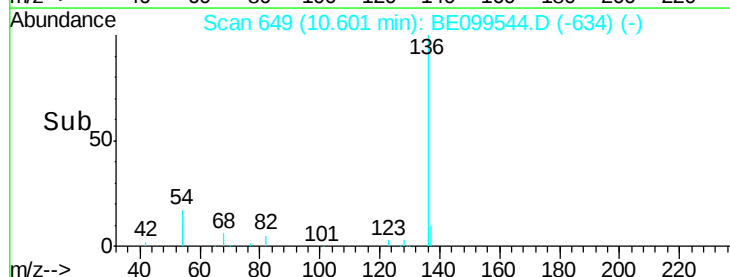
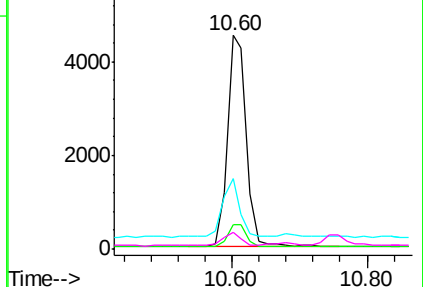


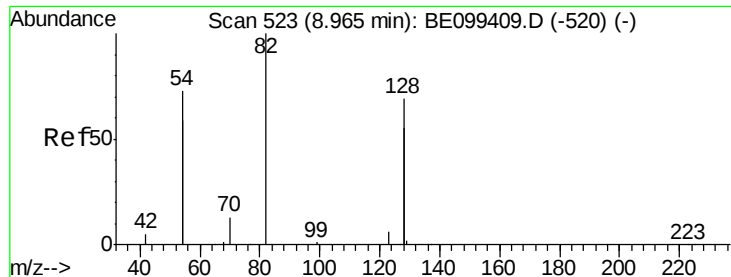
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

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ClientSampleId :

PST-004-B167-042319

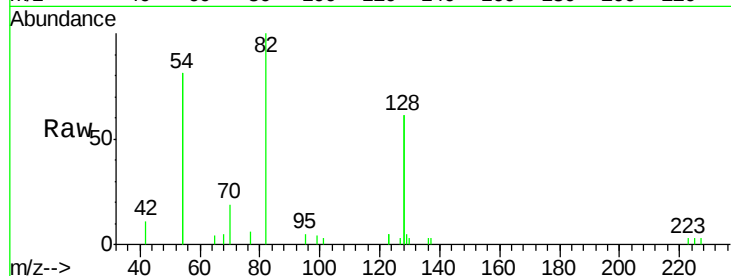
Tot Ion: 82 Resp: 3258

Ion Ratio Lower Upper

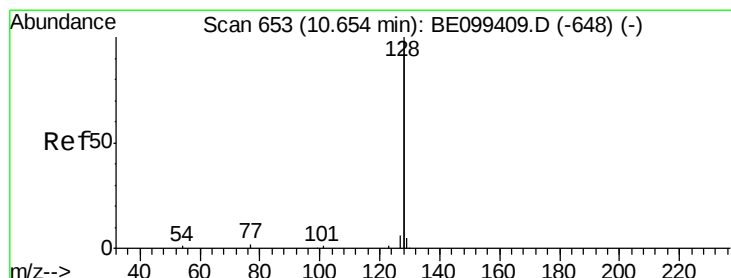
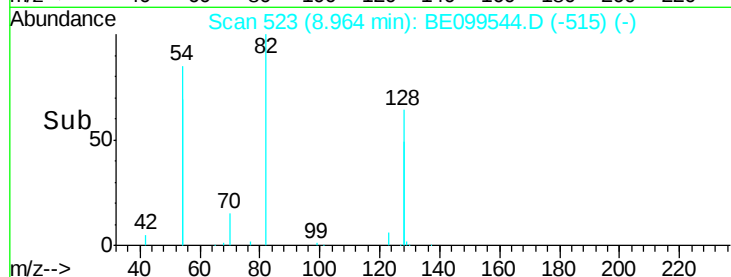
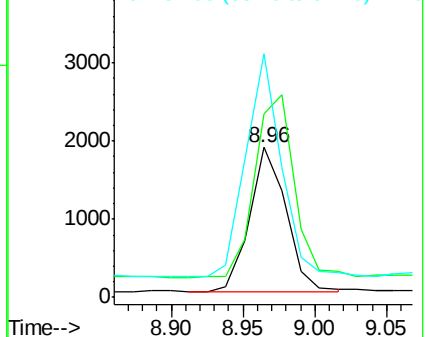
82 100

128 122.8 107.0 160.4

54 162.7 113.1 169.7



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.056 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

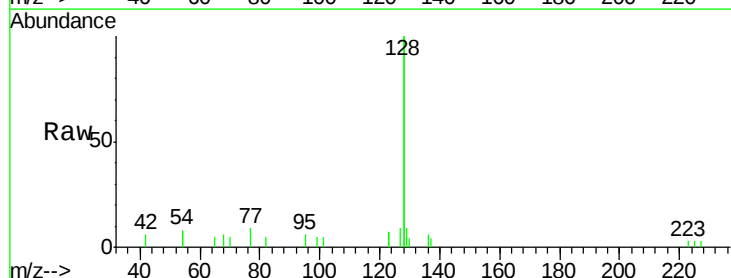
Tgt Ion: 128 Resp: 5439

Ion Ratio Lower Upper

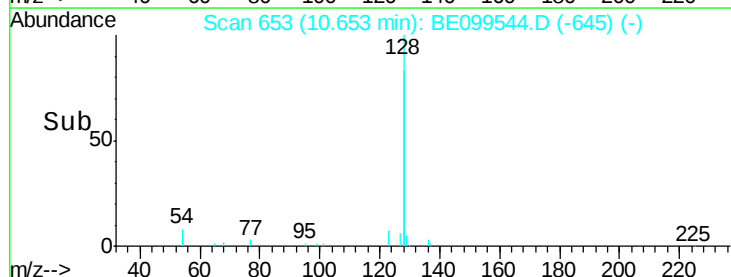
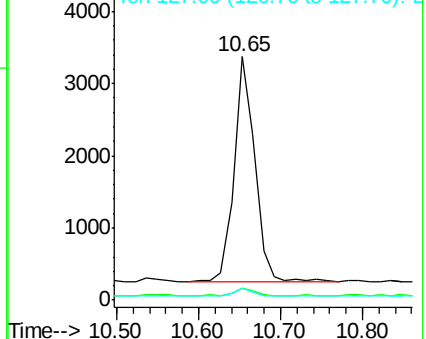
128 100

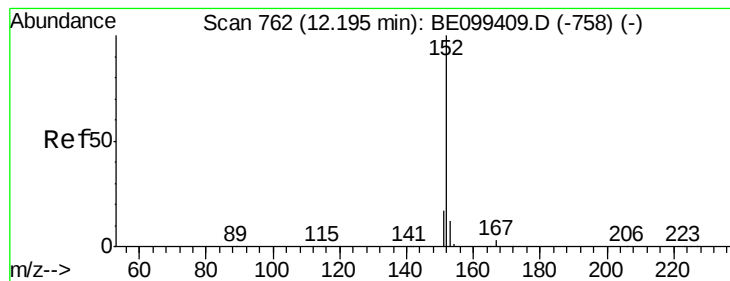
129 4.7 2.4 3.6#

127 4.7 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

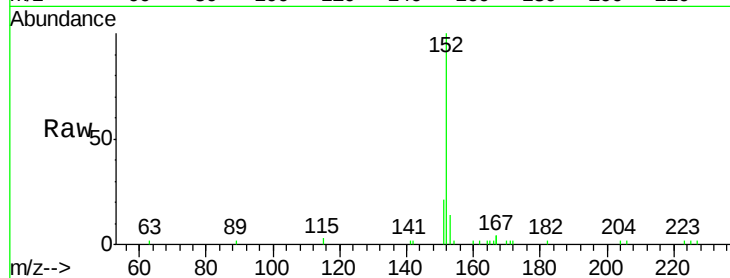
PST-004-B167-042319

Tot Ion:152 Resp: 6075

Ion Ratio Lower Upper

152 100

151 18.8 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

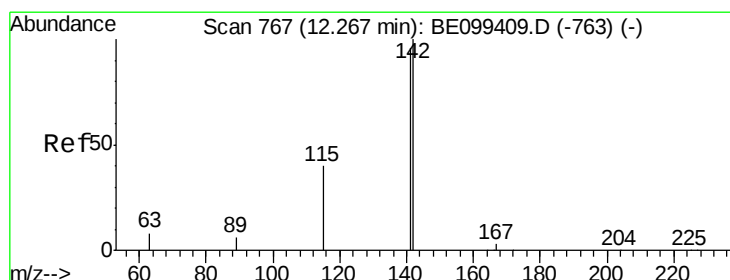
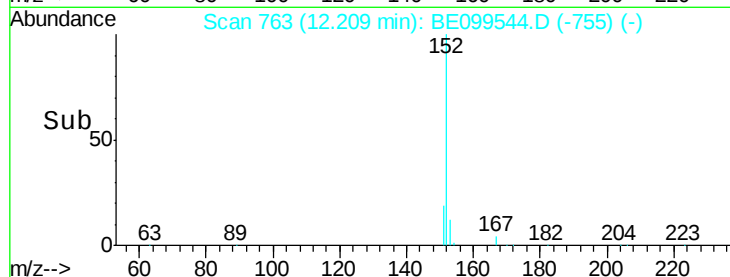
3000

2000

1000

0

Time--> 12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.054 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

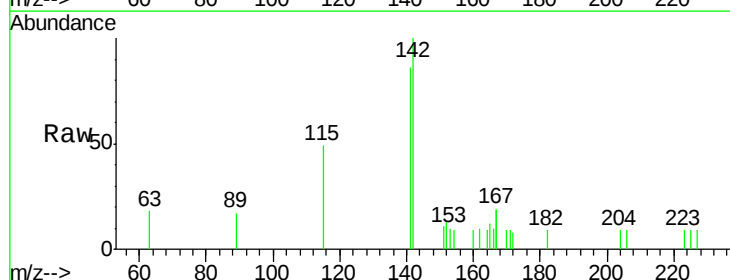
Tgt Ion:142 Resp: 911

Ion Ratio Lower Upper

142 100

141 85.9 77.0 115.4

115 49.0 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

12.28

800

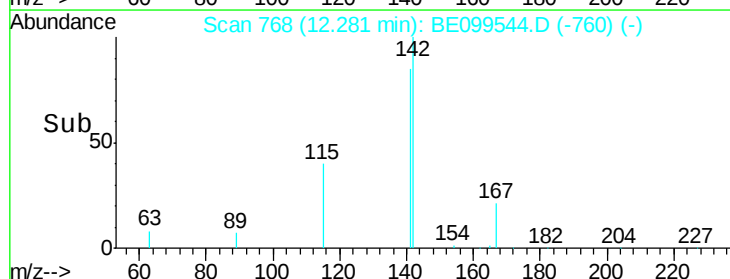
600

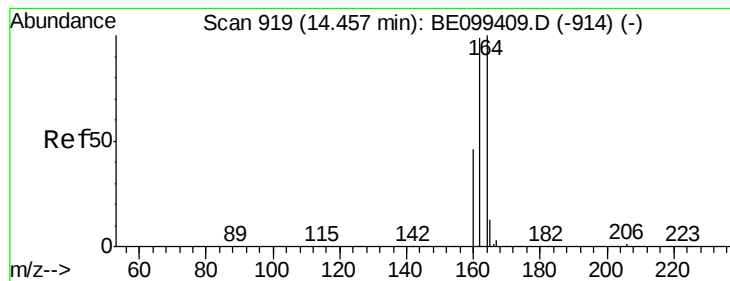
400

200

0

Time--> 12.20 12.25 12.30 12.35





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

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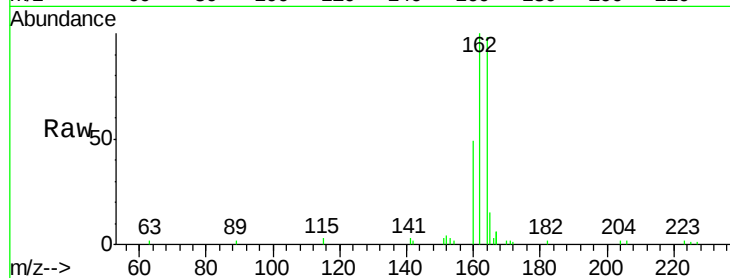
Tot Ion:164 Resp: 6937

Ion Ratio Lower Upper

164 100

162 102.3 79.0 118.4

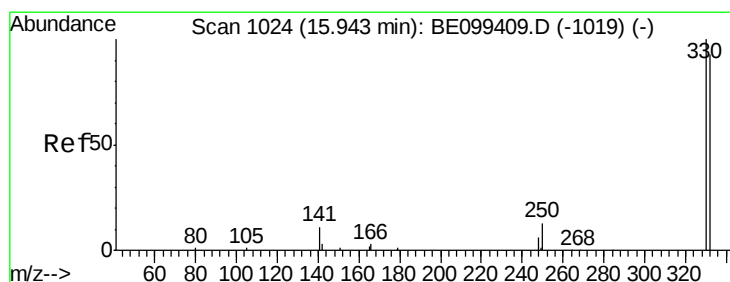
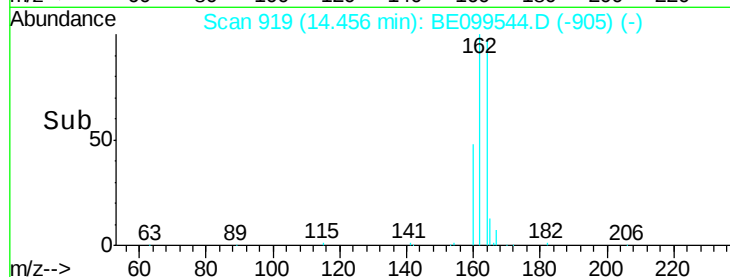
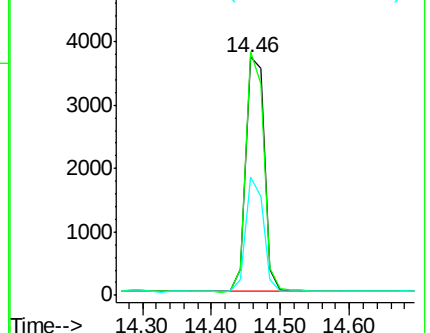
160 49.9 37.0 55.4



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: 0.455 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

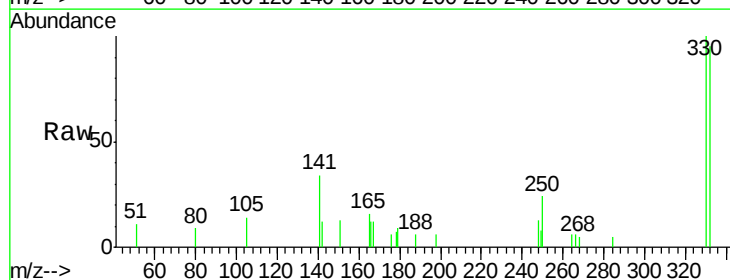
Tgt Ion:330 Resp: 1989

Ion Ratio Lower Upper

330 100

332 98.2 71.5 107.3

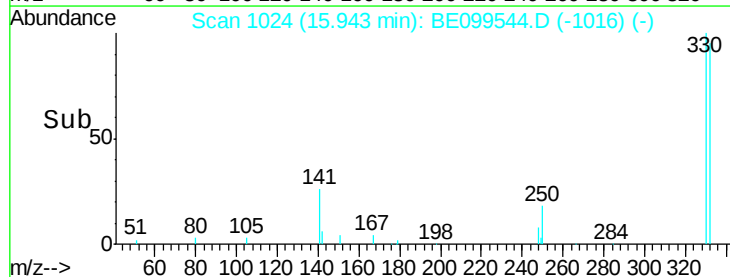
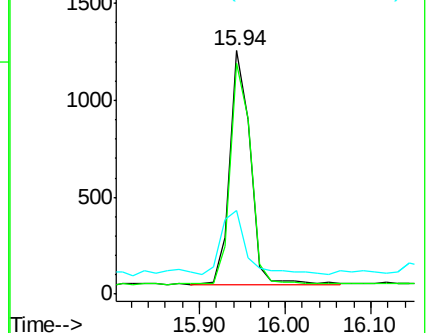
141 34.0 24.0 36.0

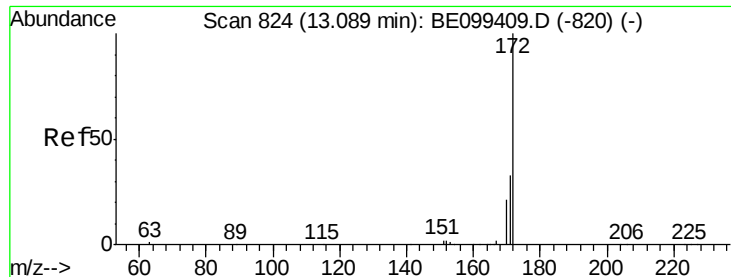


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

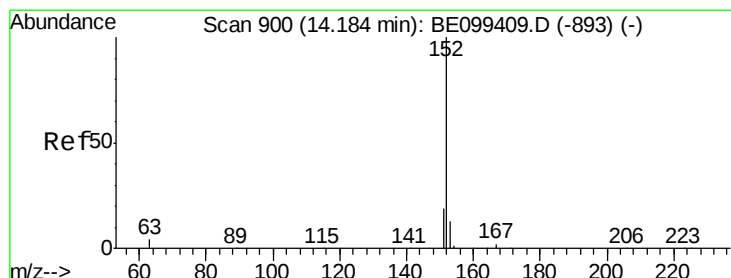
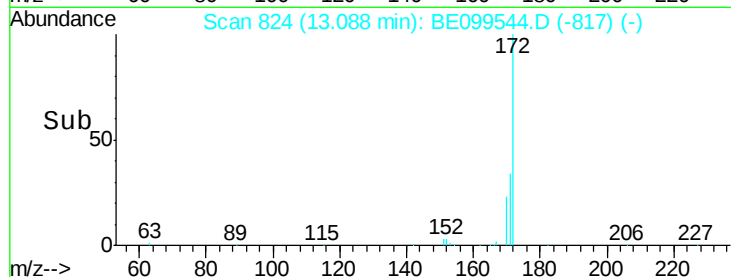
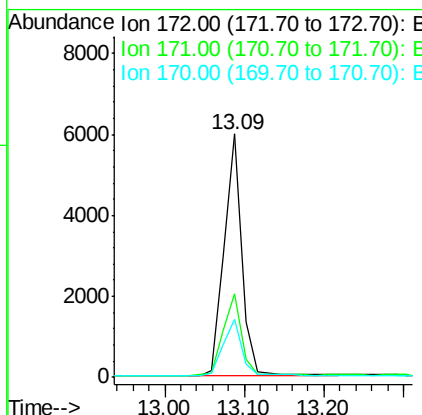
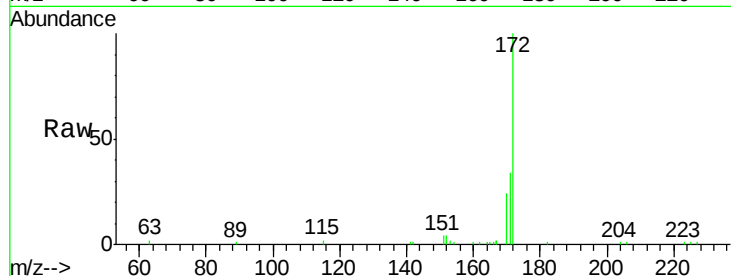




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099544.D
Acq: 3 May 2019 23:44

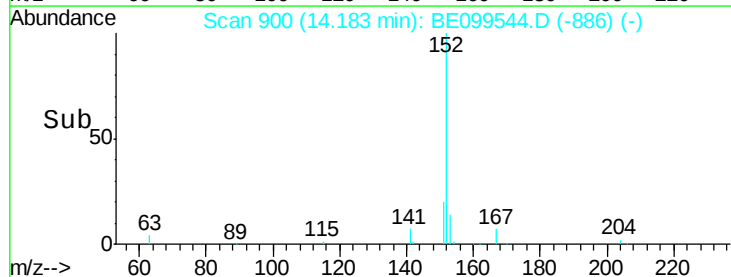
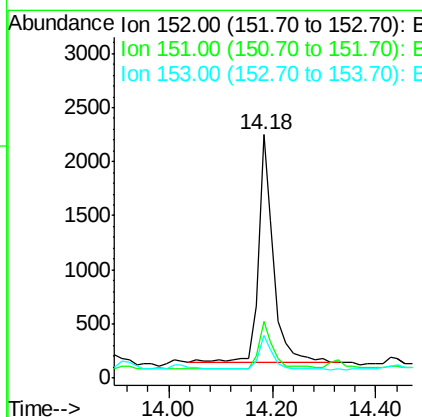
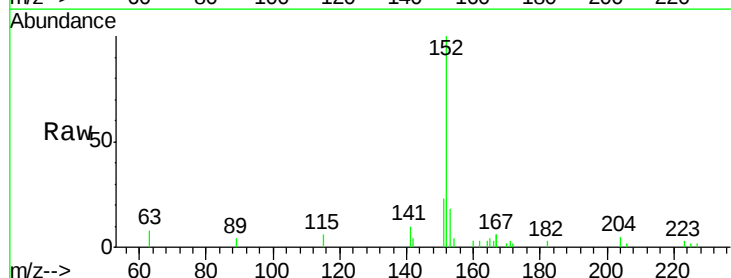
Instrument :
BNA_E
ClientSampleId :
PST-004-B167-042319

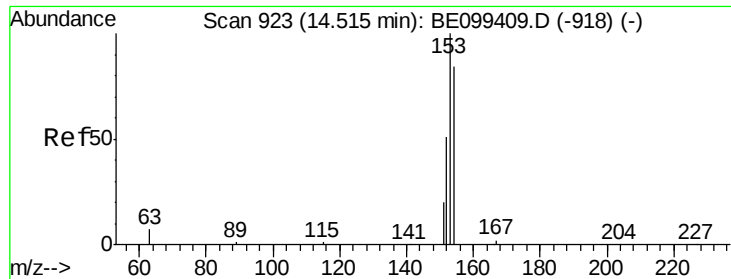
Tot Ion:172 Resp: 9147
Ion Ratio Lower Upper
172 100
171 34.2 26.6 39.8
170 23.6 17.0 25.6



#16
Acenaphthylene
Concen: 0.128 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099544.D
Acq: 3 May 2019 23:44

Tgt Ion:152 Resp: 4349
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 14.0 9.8 14.6





#17

Acenaphthene

Concen: 0.024 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

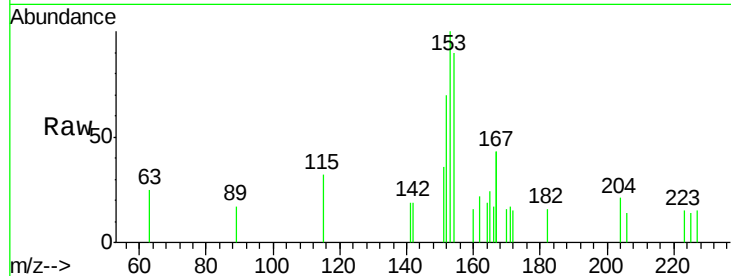
Tot Ion:154 Resp: 460

Ion Ratio Lower Upper

154 100

153 106.7 92.6 138.8

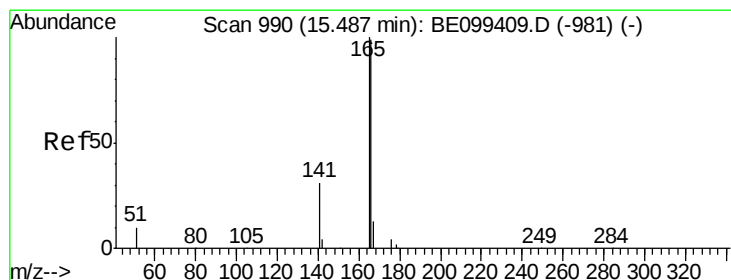
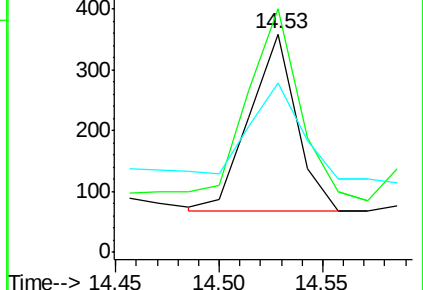
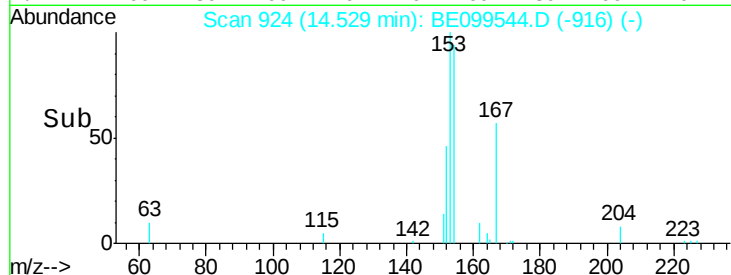
152 59.3 45.8 68.8



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: 0.052 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

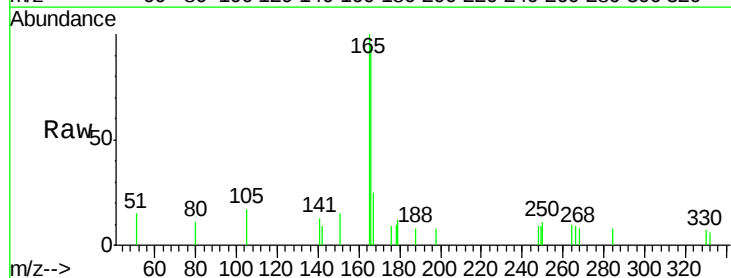
Tgt Ion:166 Resp: 1480

Ion Ratio Lower Upper

166 100

165 89.7 80.3 120.5

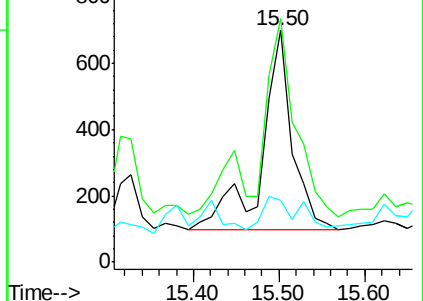
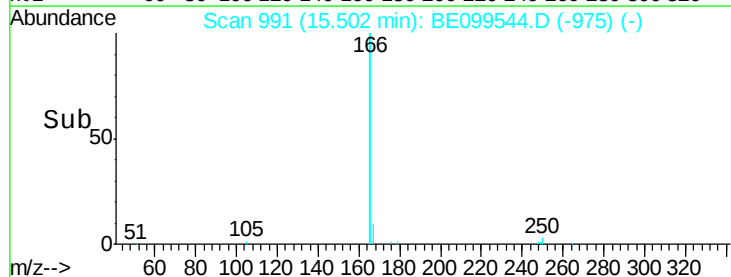
167 21.1 10.7 16.1#

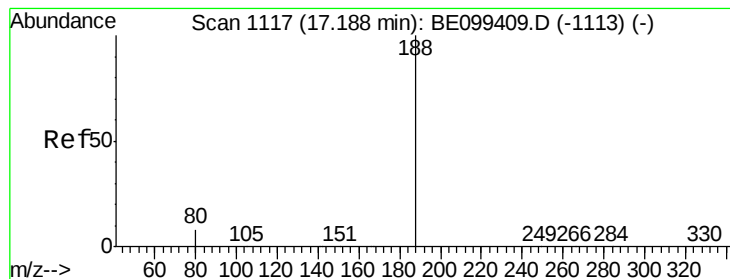


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

Tot Ion:188 Resp: 19612

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

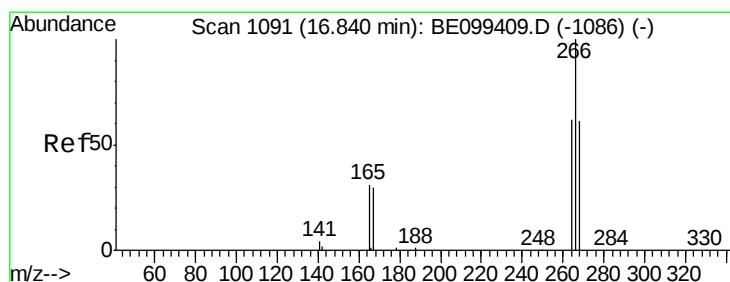
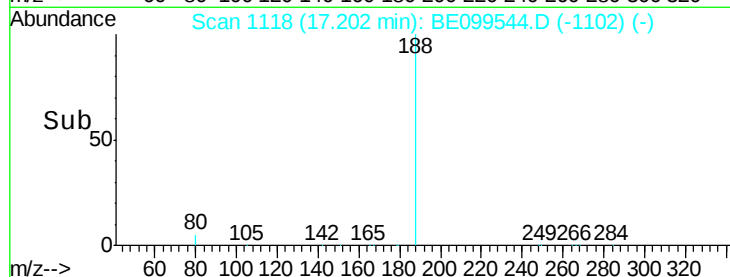
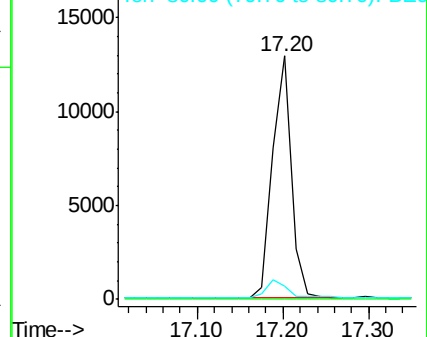
80 5.4 6.7 10.1#



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



#22

Pentachlorophenol

Concen: 0.224 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

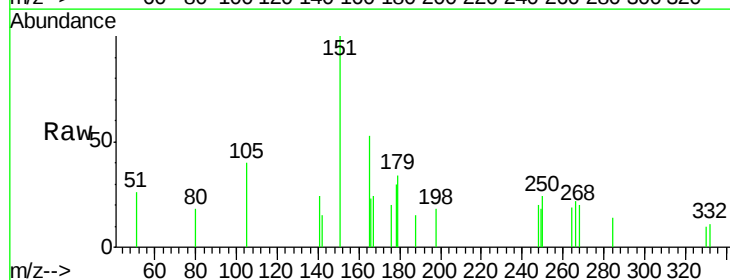
Tgt Ion:266 Resp: 51

Ion Ratio Lower Upper

266 100

264 86.3 50.8 76.2#

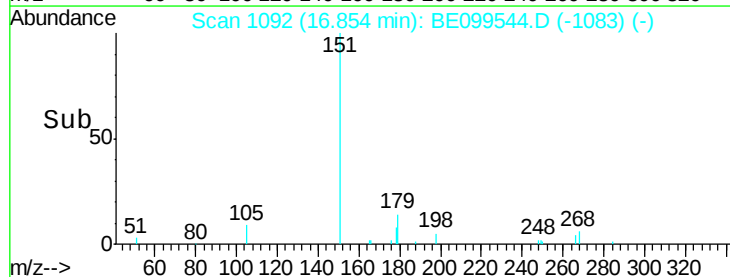
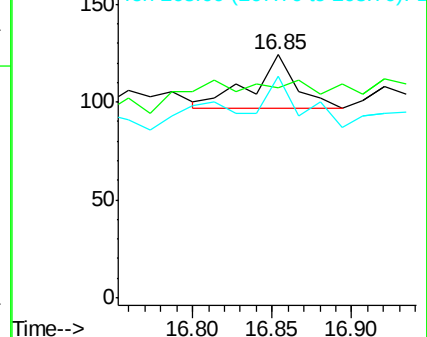
268 91.1 50.5 75.7#

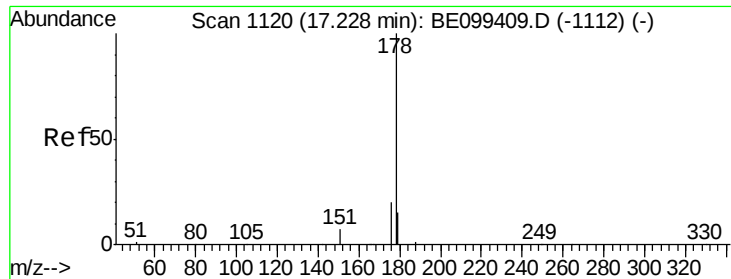


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

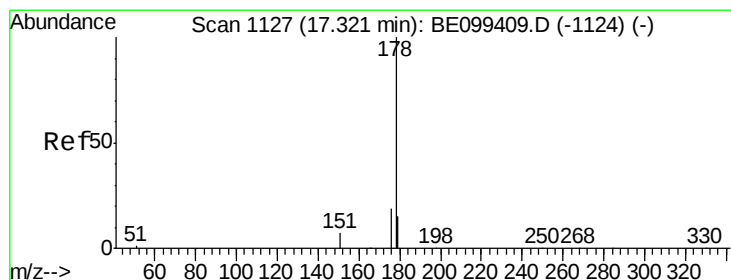
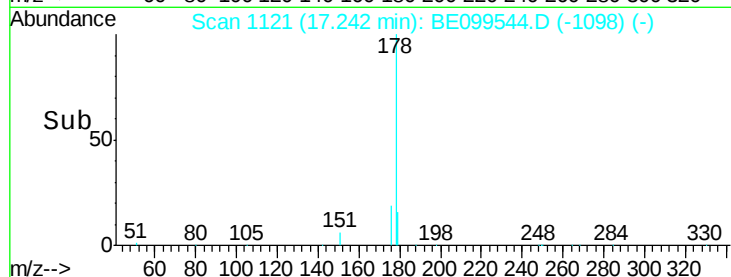
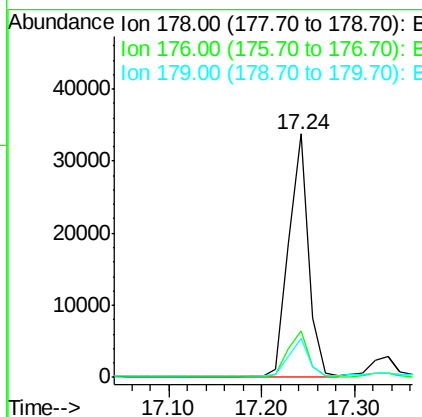
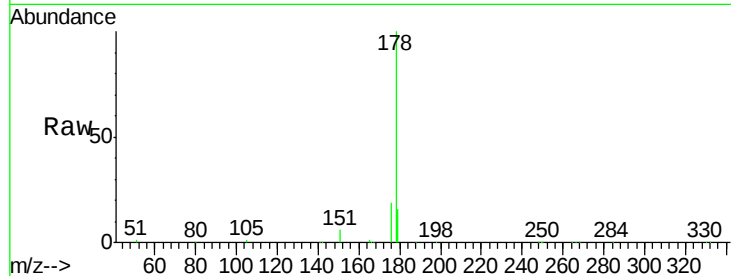




#23
Phenanthrene
Concen: 0.984 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099544.D
Acq: 3 May 2019 23:44

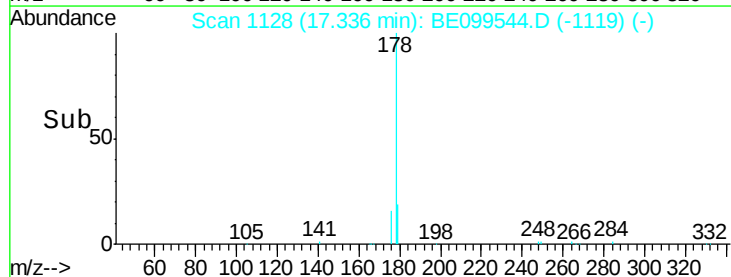
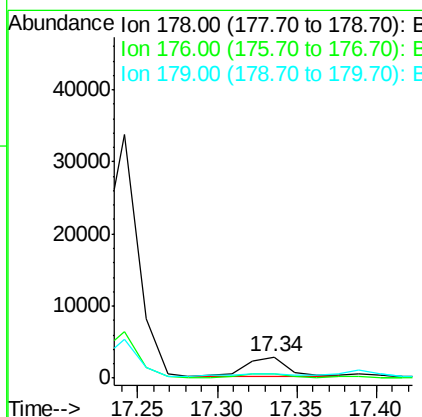
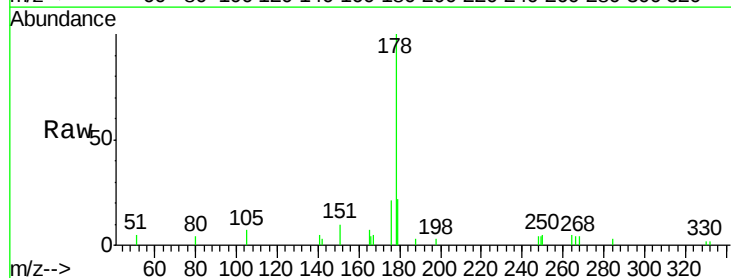
Instrument :
BNA_E
ClientSampleId :
PST-004-B167-042319

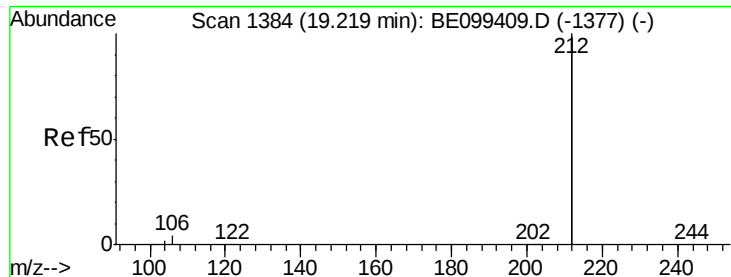
Tot Ion:178 Resp: 49787
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.8 12.0 18.0



#24
Anthracene
Concen: 0.097 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BE099544.D
Acq: 3 May 2019 23:44

Tgt Ion:178 Resp: 4688
Ion Ratio Lower Upper
178 100
176 19.4 14.9 22.3
179 23.3 11.9 17.9#





#25

Fluoranthene-d10

Concen: 0.301 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

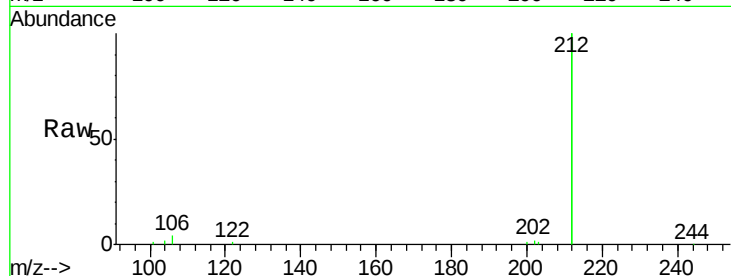
Tot Ion:212 Resp: 79513

Ion Ratio Lower Upper

212 100

106 1.7 1.5 2.3

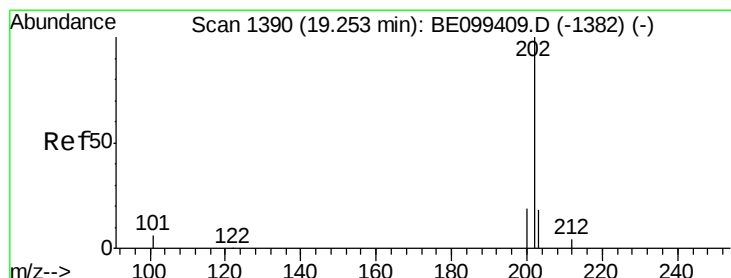
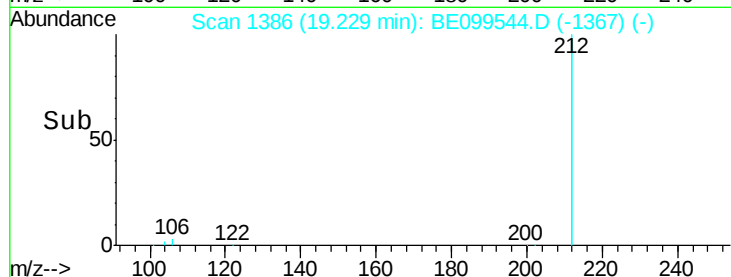
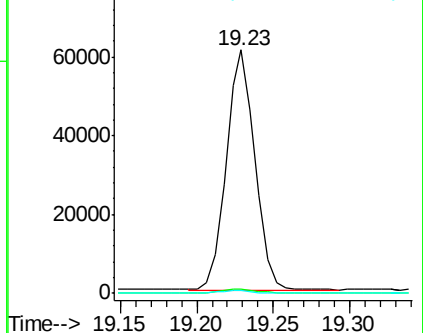
104 1.0 0.9 1.3



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: 1.678 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

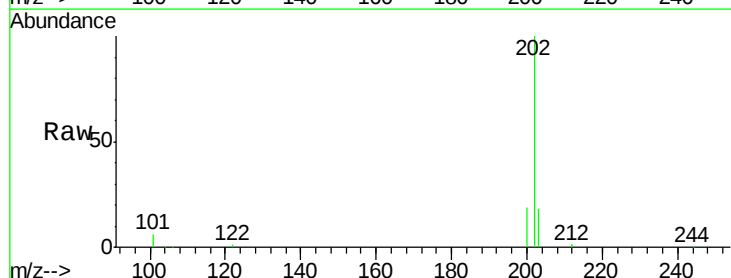
Tgt Ion:202 Resp: 127183

Ion Ratio Lower Upper

202 100

101 6.2 5.4 8.0

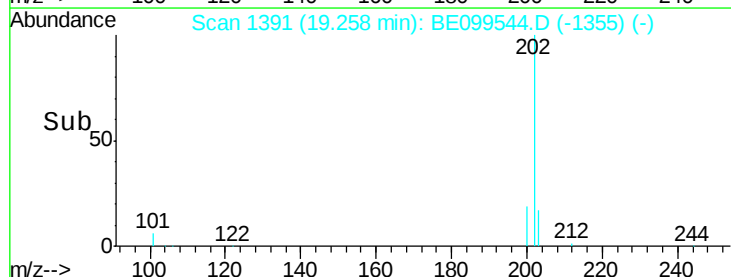
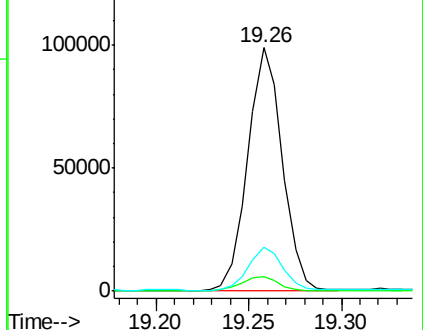
203 17.6 13.9 20.9

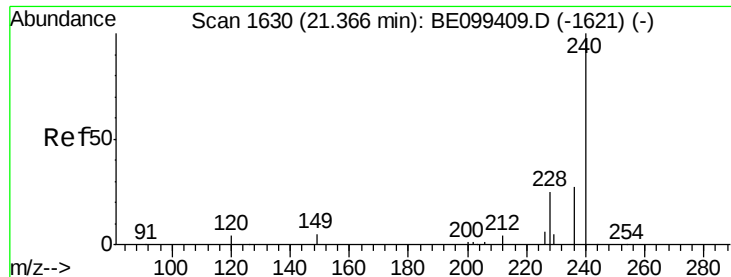


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

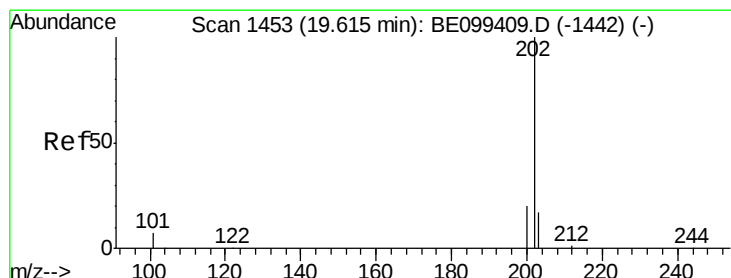
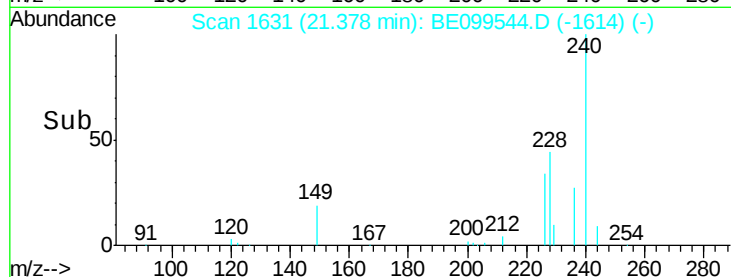
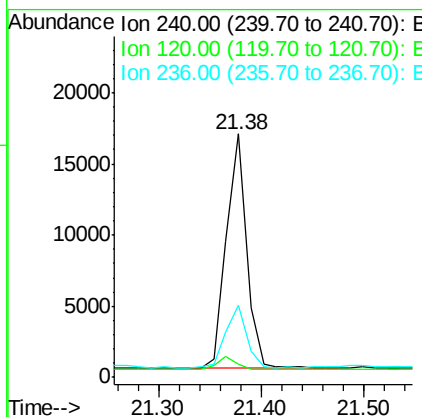
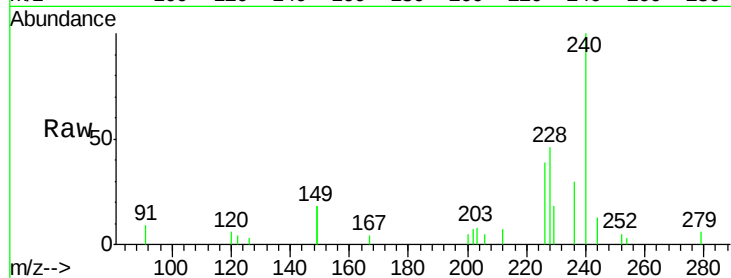




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BE099544.D
 Acq: 3 May 2019 23:44

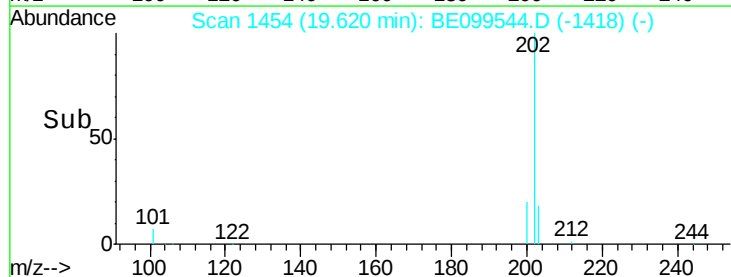
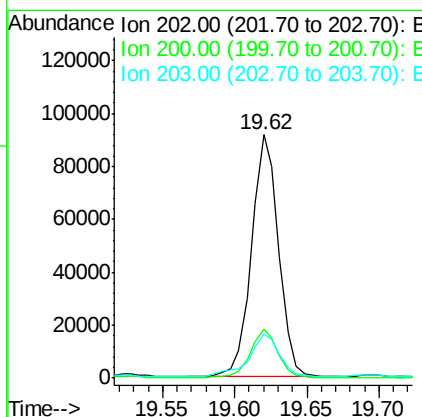
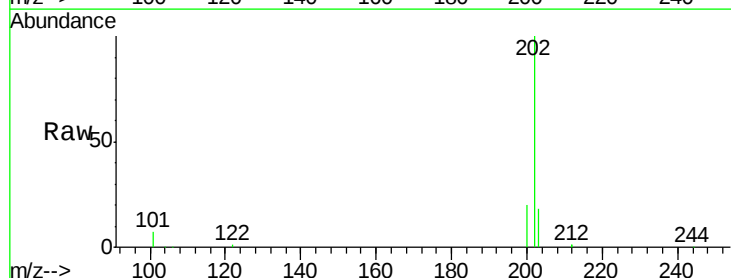
Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B167-042319

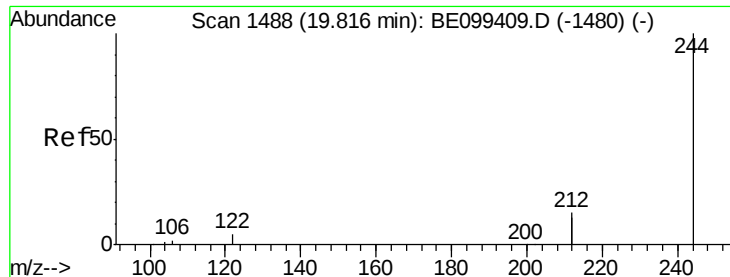
Tot Ion:240 Resp: 22277
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.0 6.0
 236 29.7 22.0 33.0



#28
 Pyrene
 Concen: 2.075 ng
 RT: 19.62 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BE099544.D
 Acq: 3 May 2019 23:44

Tgt Ion:202 Resp: 120489
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.7 23.5
 203 20.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

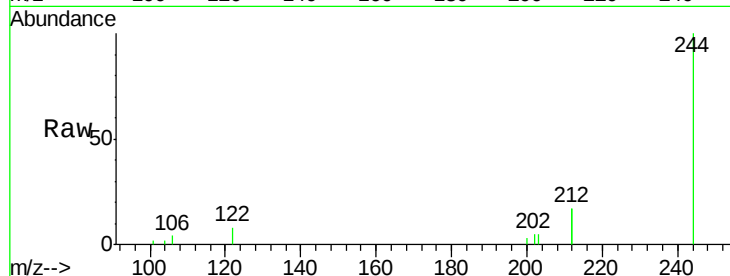
Tot Ion:244 Resp: 16606

Ion Ratio Lower Upper

244 100

212 34.5 23.2 34.8

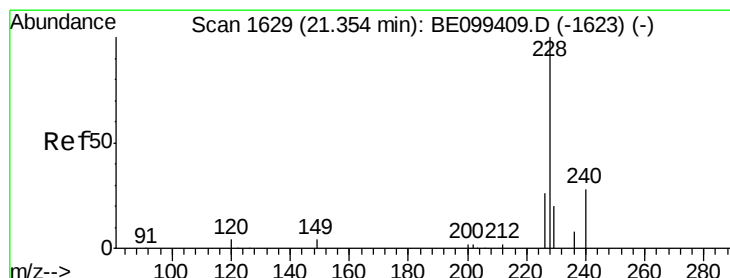
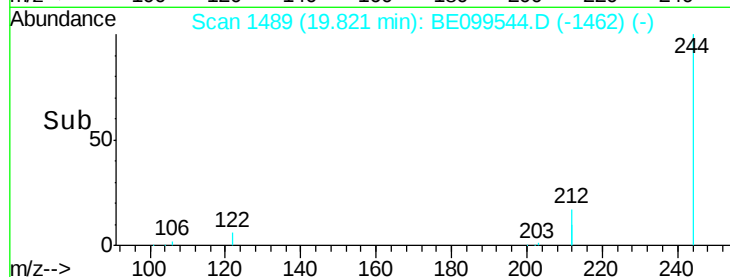
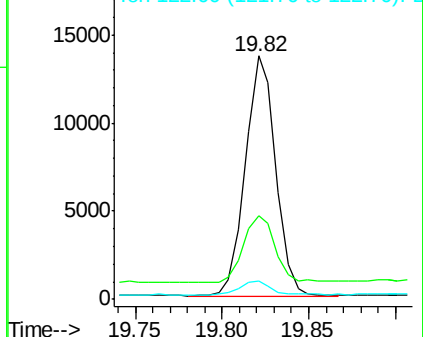
122 7.7 4.2 6.4#



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: 0.887 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

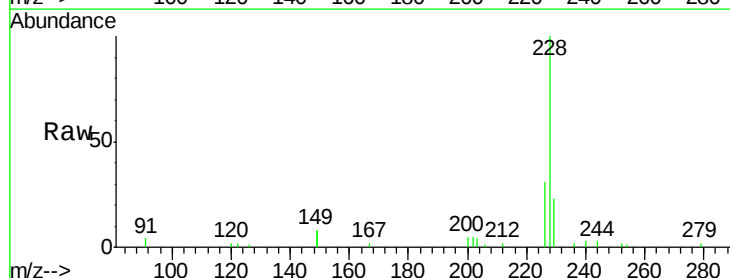
Tgt Ion:228 Resp: 62932

Ion Ratio Lower Upper

228 100

226 31.2 21.0 31.6

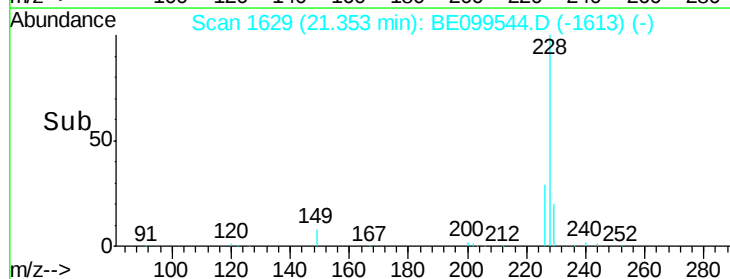
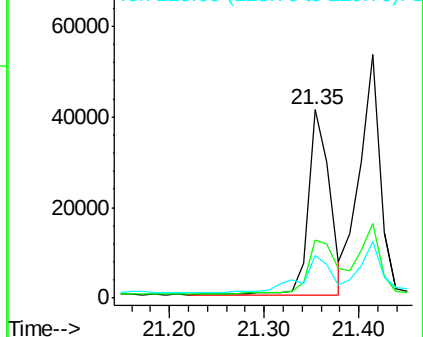
229 22.8 16.6 25.0

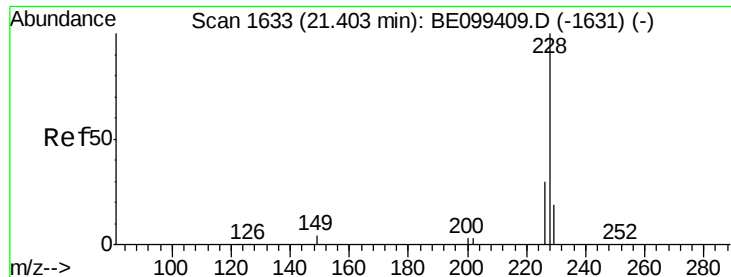


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.145 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

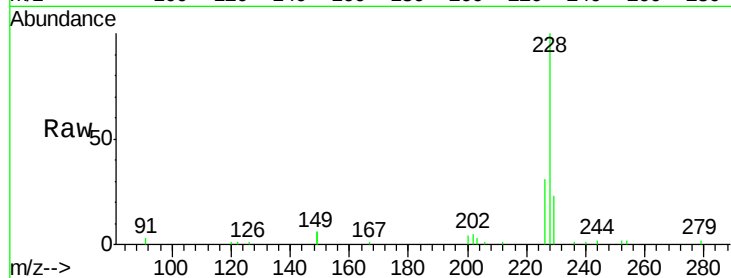
Tot Ion:228 Resp: 79505

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

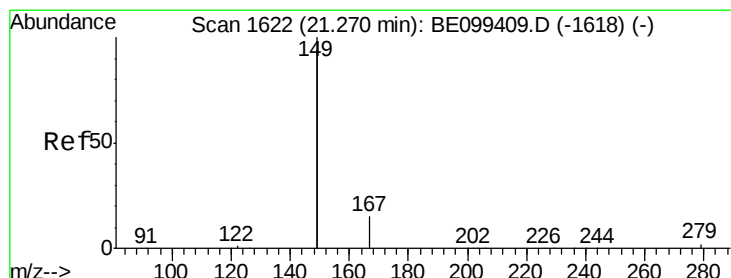
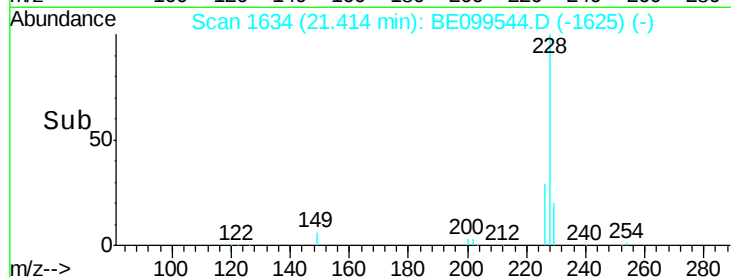
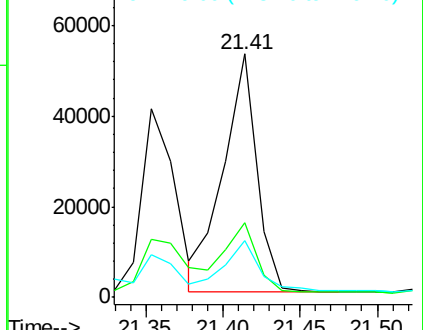
229 23.2 15.8 23.8



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: 0.277 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

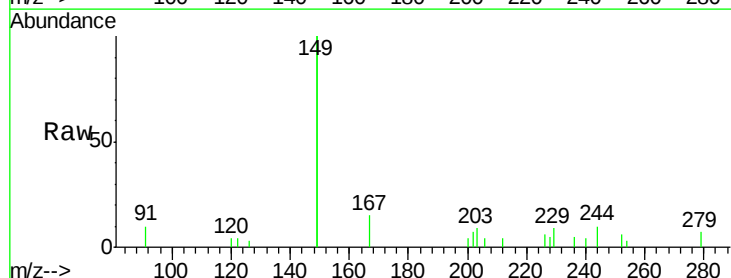
Tgt Ion:149 Resp: 34940

Ion Ratio Lower Upper

149 100

167 6.9 5.8 8.6

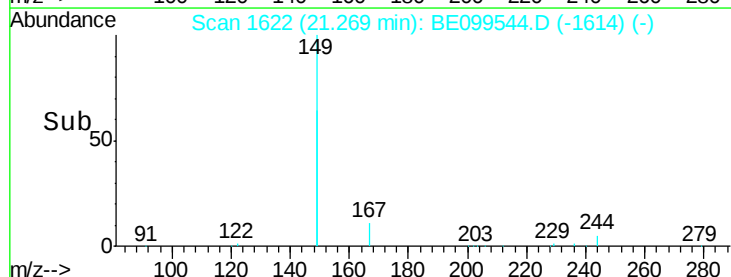
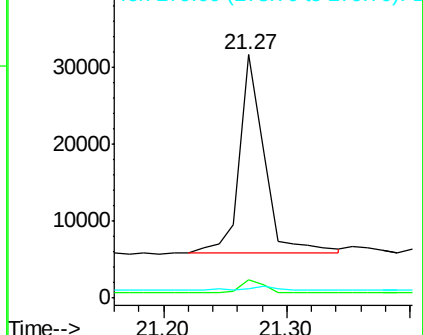
279 2.8 1.0 1.6#

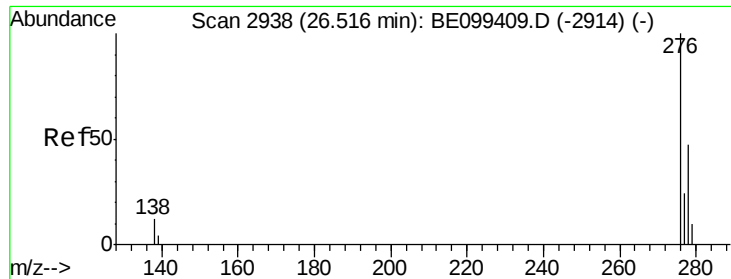


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.519 ng

RT: 26.55 min Scan# 2947

Delta R.T. 0.03 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

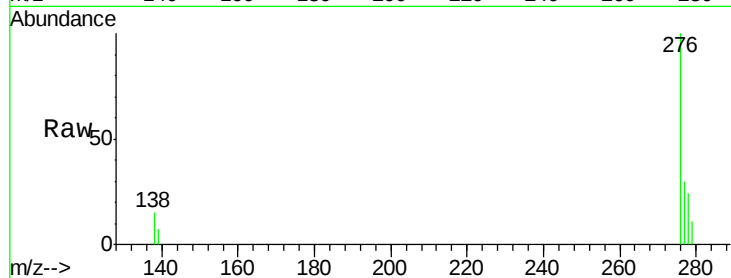
Tot Ion:276 Resp: 42577

Ion Ratio Lower Upper

276 100

138 9.5 10.2 15.2#

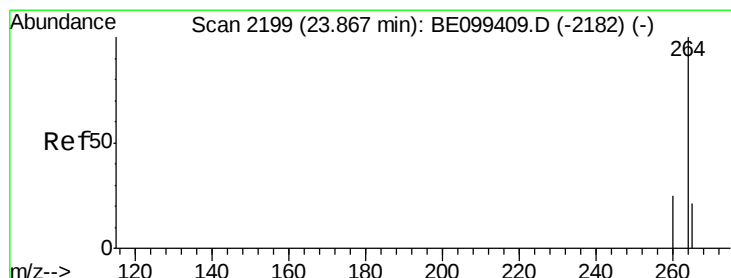
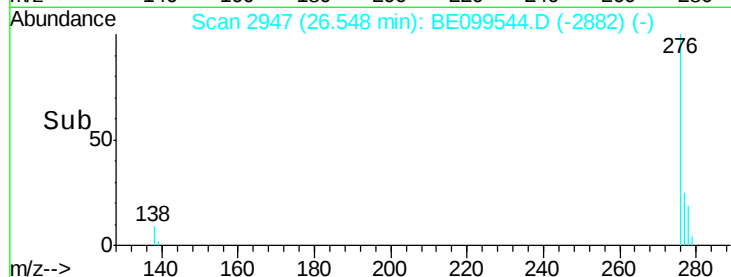
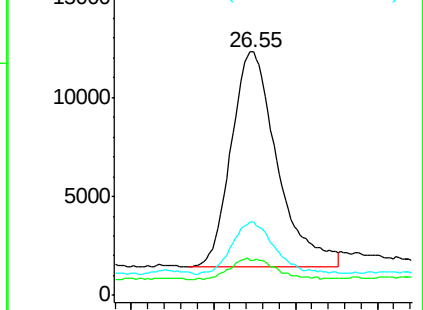
277 21.7 19.2 28.8



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: 23.89 min Scan# 2206

Delta R.T. 0.02 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

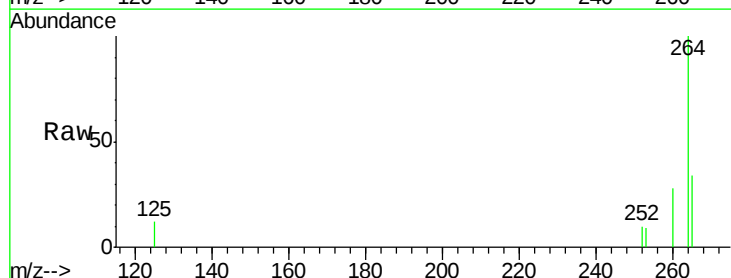
Tgt Ion:264 Resp: 26806

Ion Ratio Lower Upper

264 100

260 28.0 20.2 30.2

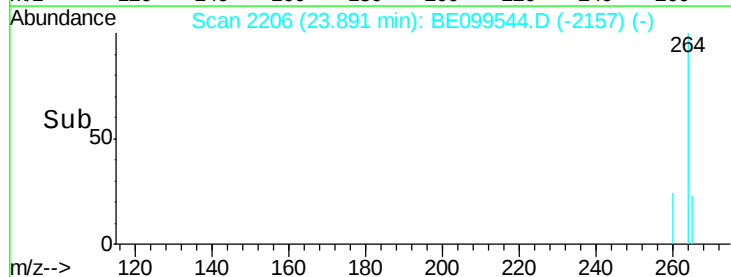
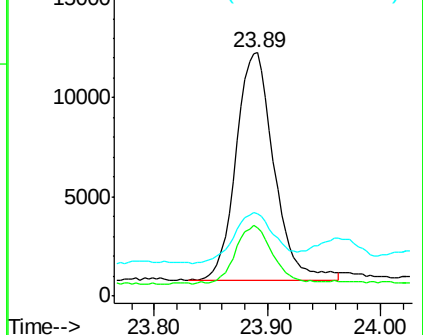
265 33.9 21.3 31.9#

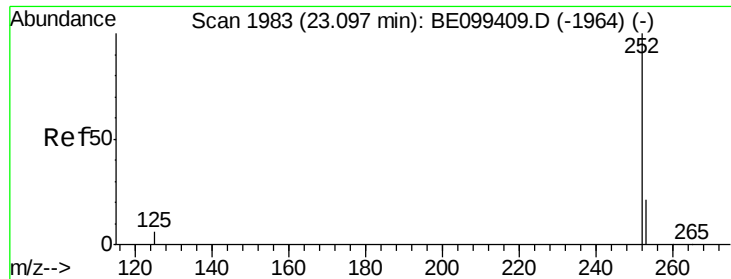


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

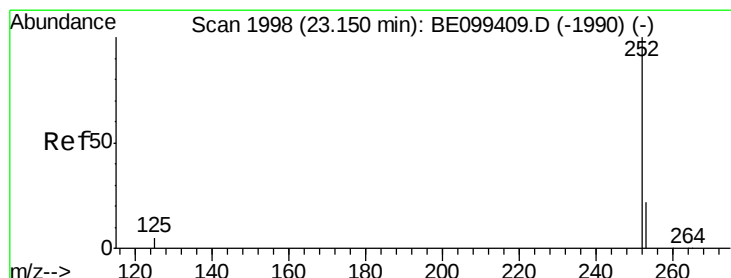
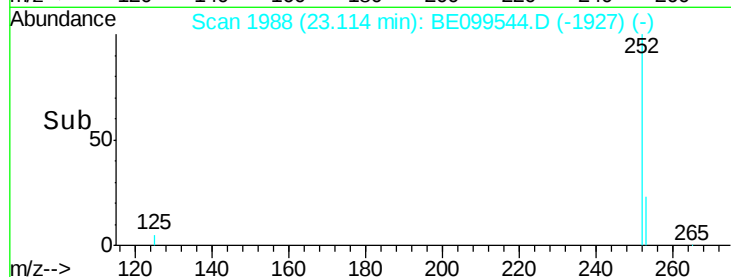
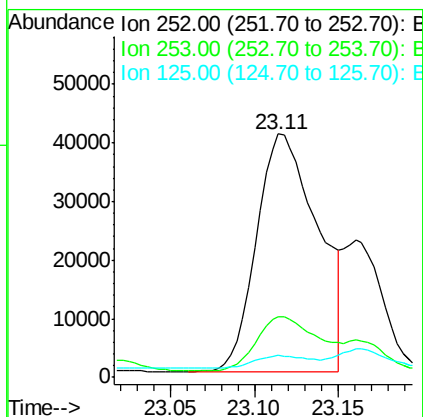
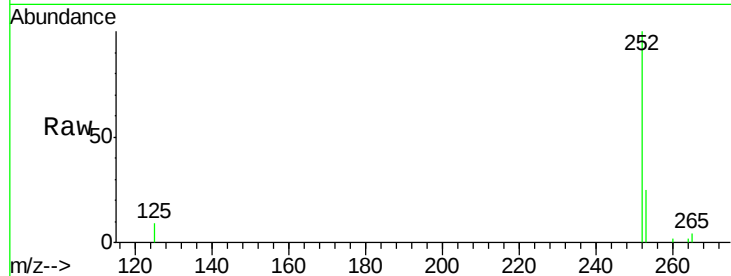




#35
Benzo(b)fluoranthene
Concen: 1.340 ng
RT: 23.11 min Scan# 1988
Delta R.T. 0.02 min
Lab File: BE099544.D
Acq: 3 May 2019 23:44

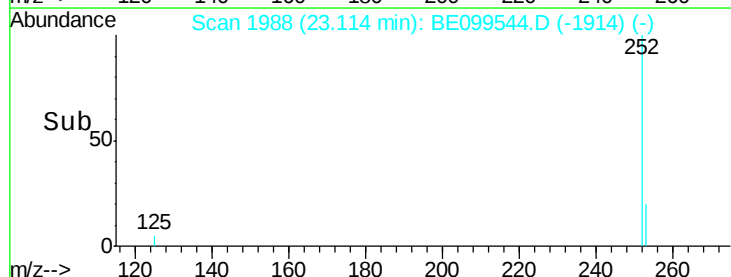
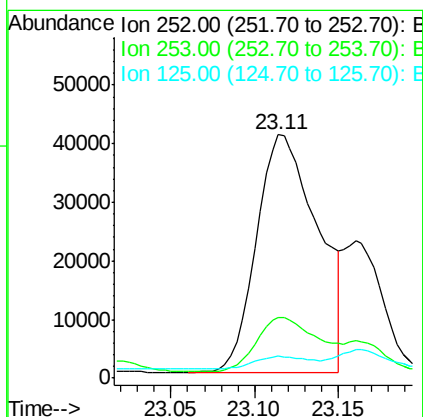
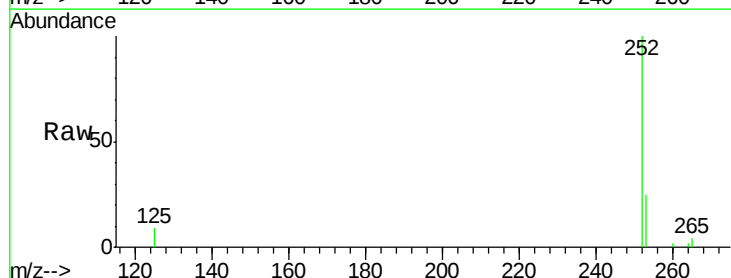
Instrument :
BNA_E
ClientSampleId :
PST-004-B167-042319

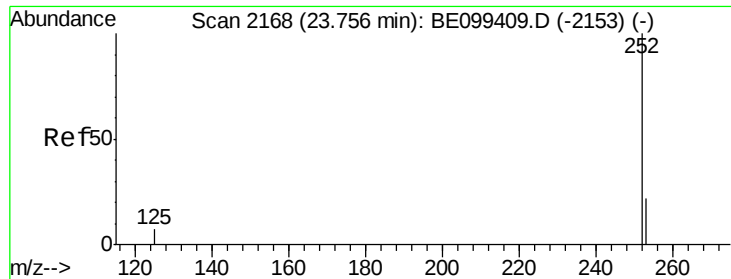
Tot Ion:252 Resp: 103572
Ion Ratio Lower Upper
252 100
253 24.9 18.1 27.1
125 9.0 5.6 8.4#



#36
Benzo(k)fluoranthene
Concen: 1.390 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.04 min
Lab File: BE099544.D
Acq: 3 May 2019 23:44

Tgt Ion:252 Resp: 103572
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 9.0 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.864 ng

RT: 23.77 min Scan# 2173

Delta R.T. 0.02 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

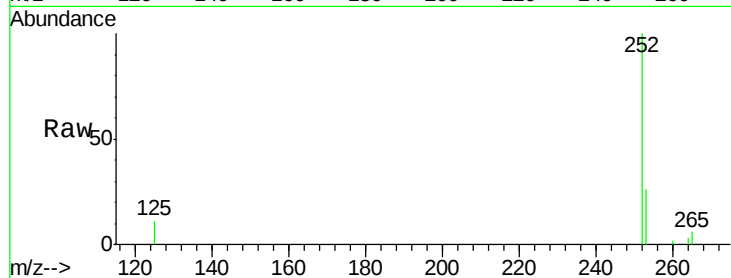
Tot Ion:252 Resp: 63119

Ion Ratio Lower Upper

252 100

253 26.1 18.9 28.3

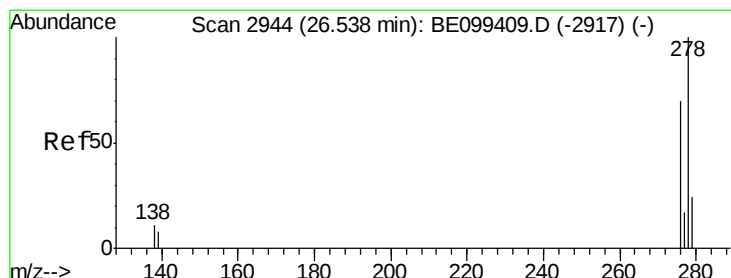
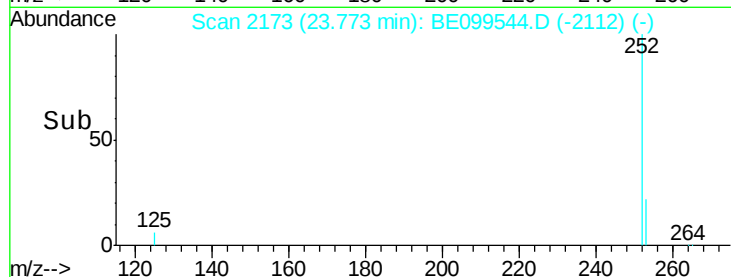
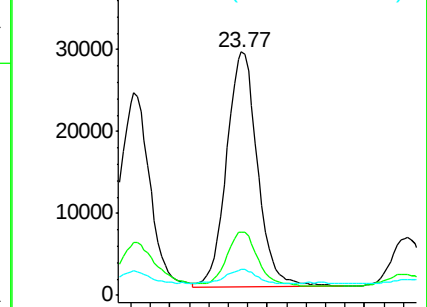
125 10.6 6.7 10.1#



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: 0.128 ng

RT: 26.56 min Scan# 2950

Delta R.T. 0.02 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

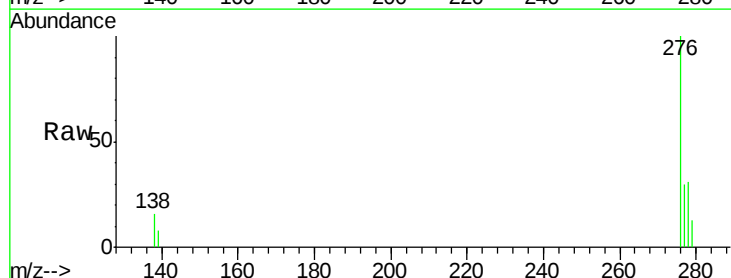
Tgt Ion:278 Resp: 9547

Ion Ratio Lower Upper

278 100

139 26.0 7.7 11.5#

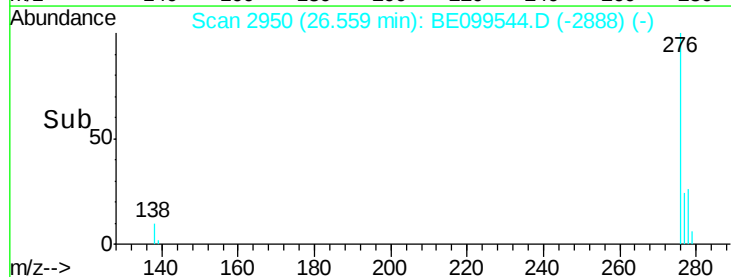
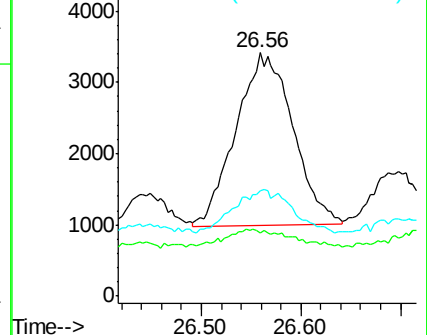
279 43.4 20.2 30.2#

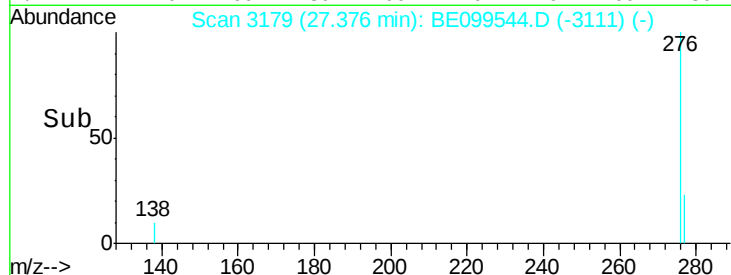
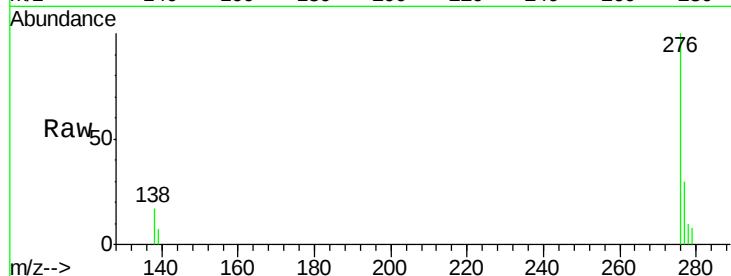
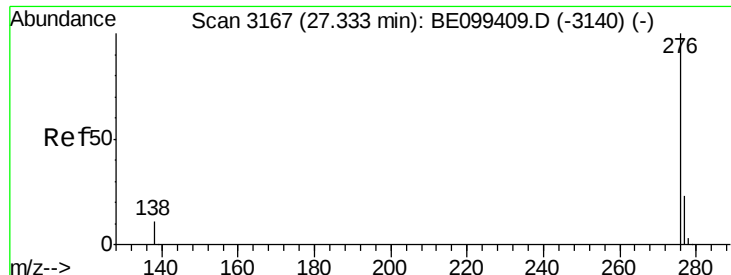


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.510 ng

RT: 27.38 min Scan# 3179

Delta R.T. 0.04 min

Lab File: BE099544.D

Acq: 3 May 2019 23:44

Instrument :

BNA_E

ClientSampleId :

PST-004-B167-042319

Tot Ion: 276 Resp: 38177

Ion Ratio Lower Upper

276 100

277 30.0 19.5 29.3#

138 16.5 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

