

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
 Data File : BE099135.D
 Acq On : 24 Mar 2019 6:14
 Operator : JU/SJ
 Sample : K2014-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-026-SW075-031819MSD

Quant Time: Mar 24 23:02:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 23 04:40:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4099	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16386	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	9765	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	25422	0.40	ng	0.00
27) Chrysene-d12	21.39	240	38844	0.40	ng	0.00
34) Perylene-d12	23.89	264	42395	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4710	0.39	ng	0.00
5) Phenol-d6	6.99	99	6725	0.38	ng	0.00
8) Nitrobenzene-d5	8.99	82	5056	0.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	14311	0.48	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	1749	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	13823	0.36	ng	-0.02
25) Fluoranthene-d10	19.24	212	128083	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	22494	0.27	ng	0.00

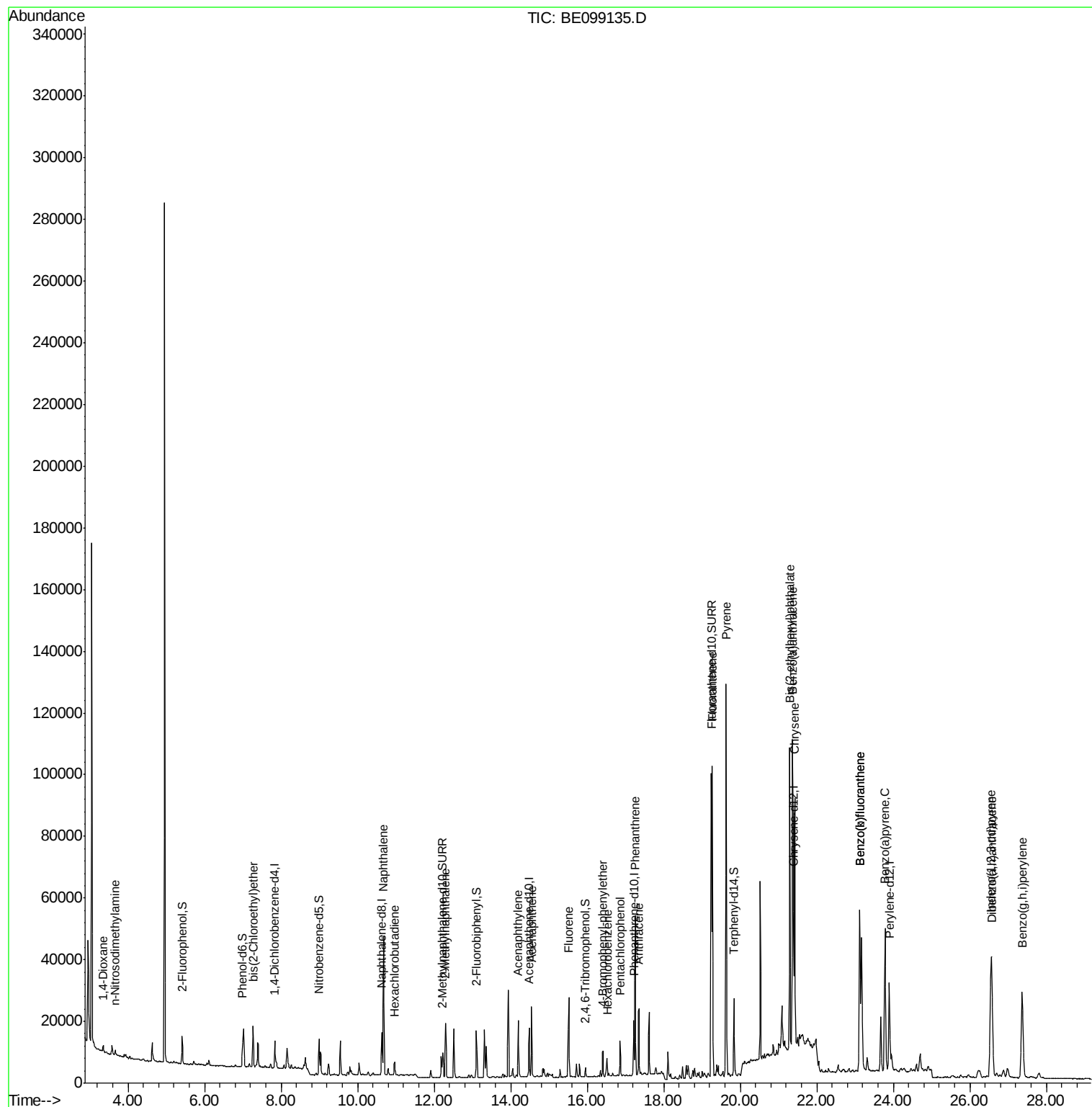
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1636	0.257	ng	# 55
3) n-Nitrosodimethylamine	3.66	42	1315	0.401	ng	# 94
6) bis(2-Chloroethyl)ether	7.26	93	5312	0.372	ng	83
9) Naphthalene	10.68	128	69156	0.358	ng	99
10) Hexachlorobutadiene	10.97	225	3303	0.350	ng	99
12) 2-Methylnaphthalene	12.30	142	11625	0.351	ng	95
16) Acenaphthylene	14.20	152	21843	0.419	ng	97
17) Acenaphthene	14.54	154	10980	0.355	ng	97
18) Fluorene	15.52	166	15384	0.341	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	4908	0.349	ng	# 60
21) Hexachlorobenzene	16.52	284	4639	0.355	ng	94
22) Pentachlorophenol	16.85	266	5651	1.307	ng	# 76
23) Phenanthrene	17.26	178	54183	0.718	ng	99
24) Anthracene	17.35	178	27740	0.388	ng	100
26) Fluoranthene	19.27	202	91199	0.859	ng	99
28) Pyrene	19.63	202	112127	0.851	ng	97
30) Benzo(a)anthracene	21.36	228	81995	0.599	ng	99
31) Chrysene	21.43	228	83894	0.613	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	99062	0.558	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	71568	0.487	ng	99
35) Benzo(b)fluoranthene	23.12	252	84300	0.575	ng	98
36) Benzo(k)fluoranthene	23.12	252	84300	0.587	ng	100
37) Benzo(a)pyrene	23.78	252	76327	0.563	ng	96
38) Dibenzo(a,h)anthracene	26.58	278	47381	0.359	ng	98
39) Benzo(g,h,i)perylene	27.37	276	67948	0.502	ng	98

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

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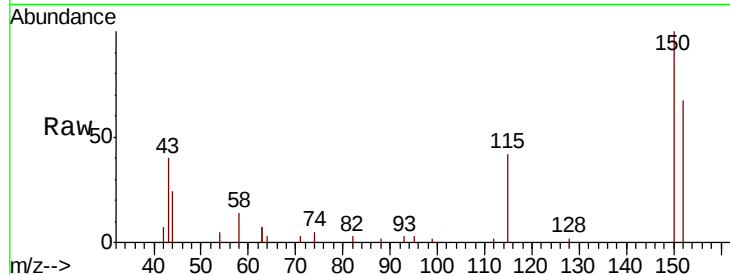


#1

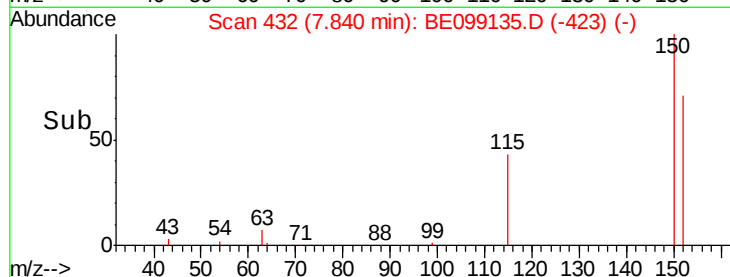
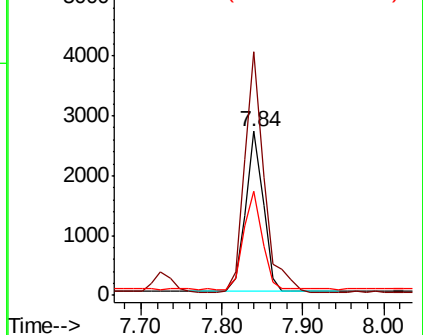
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MSD

Tgt Ion: 152 Resp: 4099
Ion Ratio Lower Upper
152 100
150 148.7 122.5 183.7
115 63.2 57.4 86.2



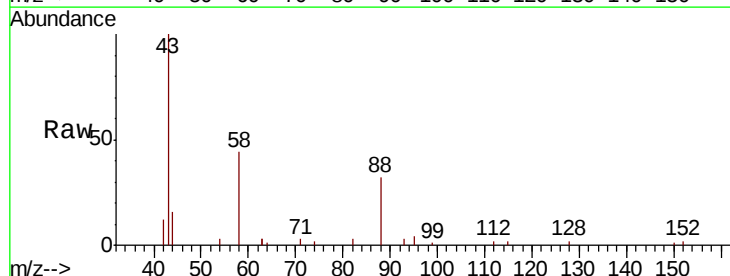
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



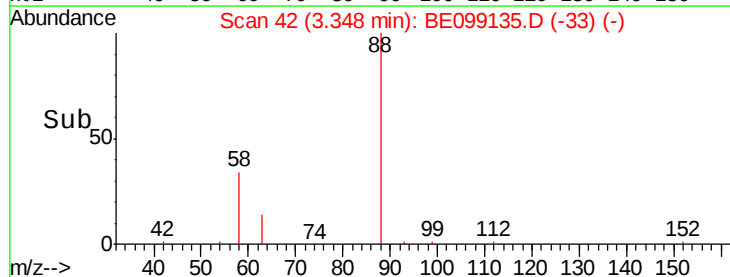
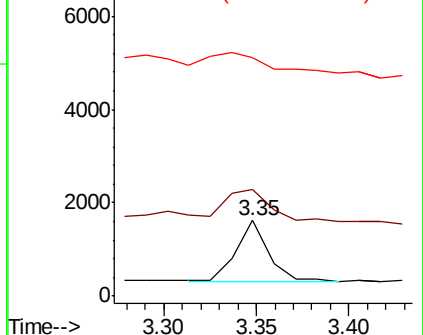
#2

1,4-Dioxane
Concen: 0.257 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Tgt Ion: 88 Resp: 1636
Ion Ratio Lower Upper
88 100
58 97.6 52.0 78.0#
43 58.6 24.0 36.0#



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: 0.401 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.02 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

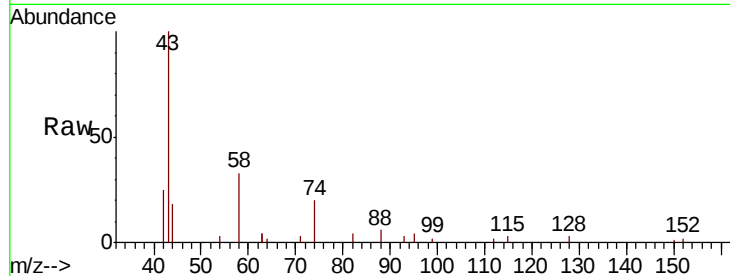
Tgt Ion: 42 Resp: 1315

Ion Ratio Lower Upper

42 100

74 190.2 160.0 240.0

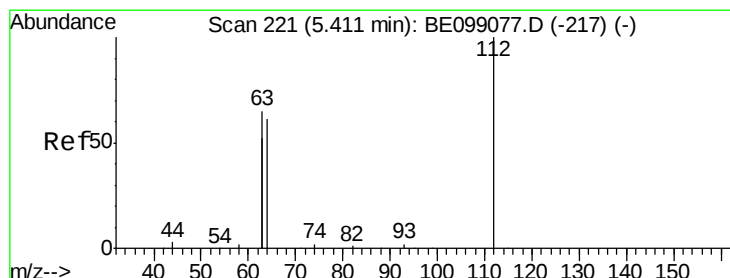
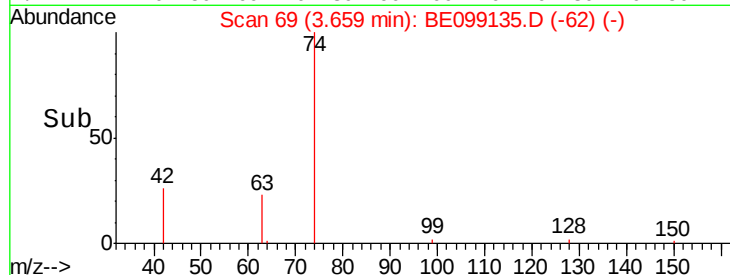
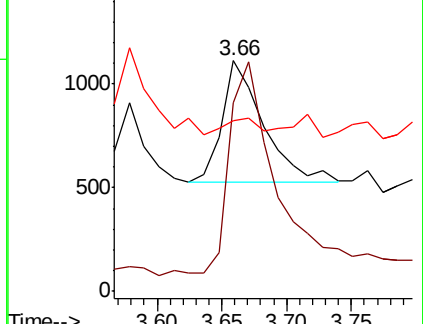
44 11.1 0.0 0.0#



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: 0.386 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

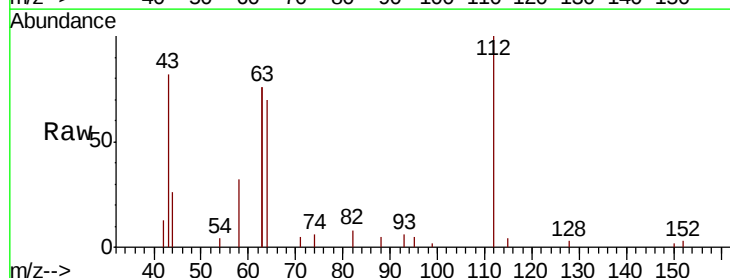
Tgt Ion: 112 Resp: 4710

Ion Ratio Lower Upper

112 100

64 58.6 57.9 86.9

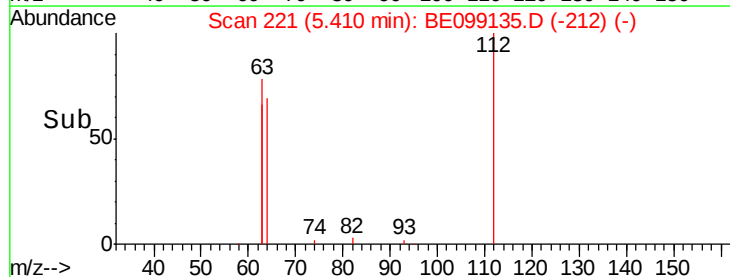
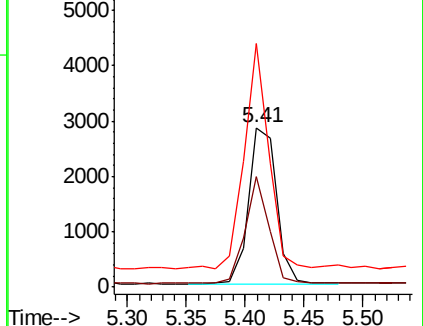
63 124.3 158.3 237.5#

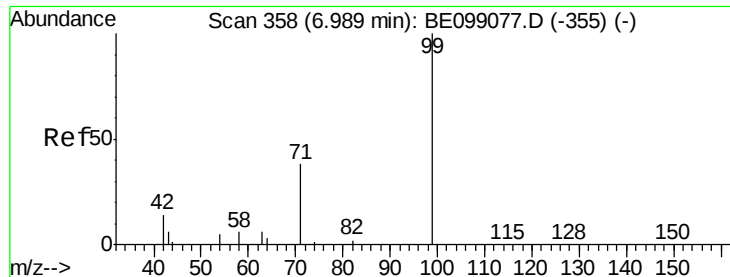


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

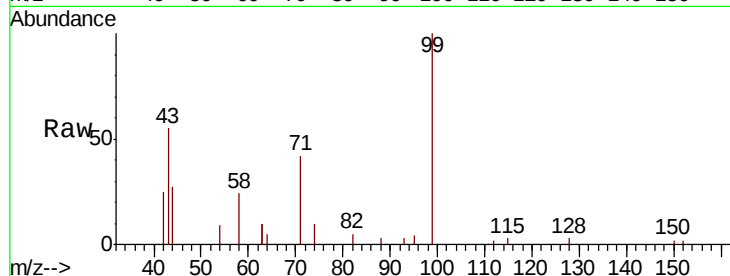
Tgt Ion: 99 Resp: 6725

Ion Ratio Lower Upper

99 100

42 21.1 24.2 36.2#

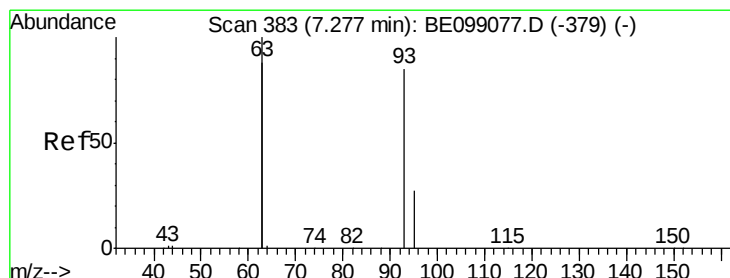
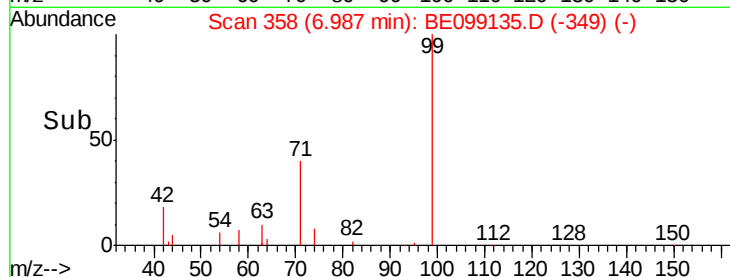
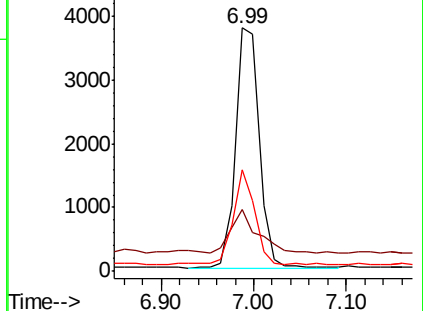
71 36.6 35.7 53.5



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: 0.372 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

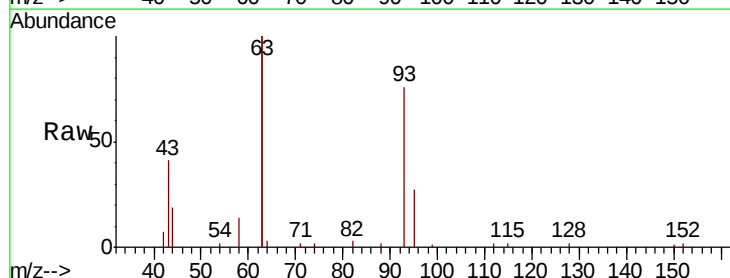
Tgt Ion: 93 Resp: 5312

Ion Ratio Lower Upper

93 100

63 275.1 247.5 371.3

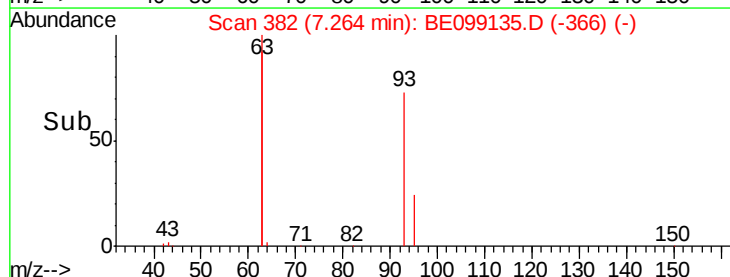
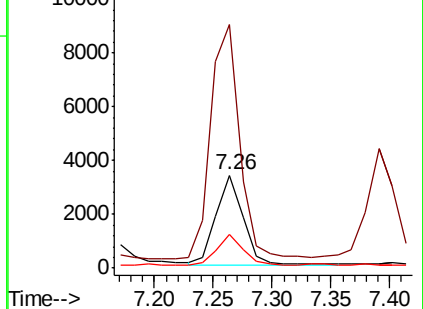
95 32.5 21.8 32.8

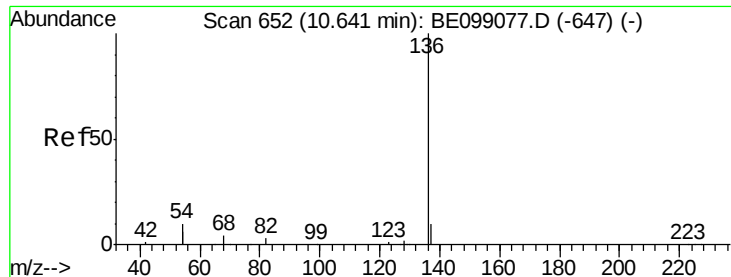


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

Tgt Ion: 136 Resp: 16386

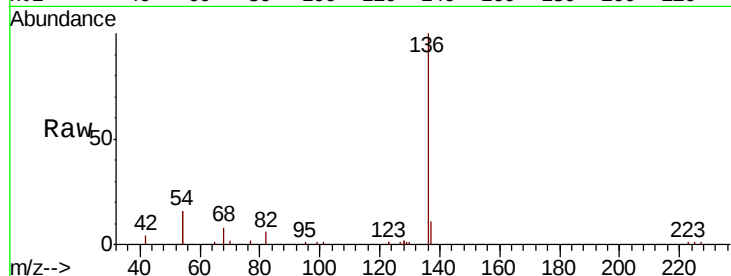
Ion Ratio Lower Upper

136 100

137 11.2 11.4 17.0#

54 31.4 39.3 58.9#

68 7.9 6.7 10.1

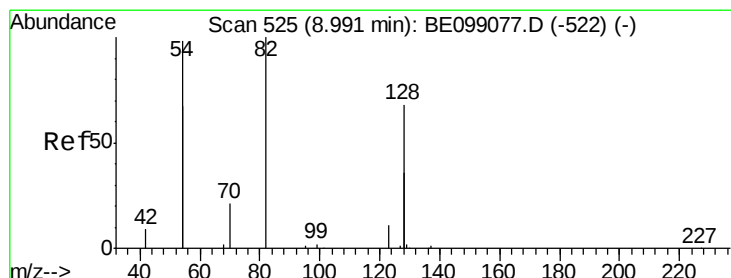
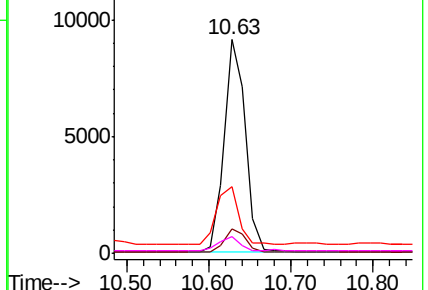
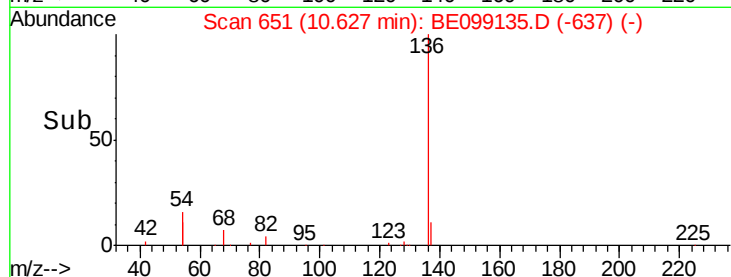


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.706 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

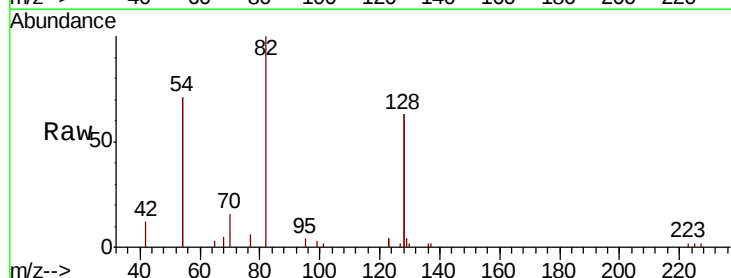
Tgt Ion: 82 Resp: 5056

Ion Ratio Lower Upper

82 100

128 126.5 123.8 185.8

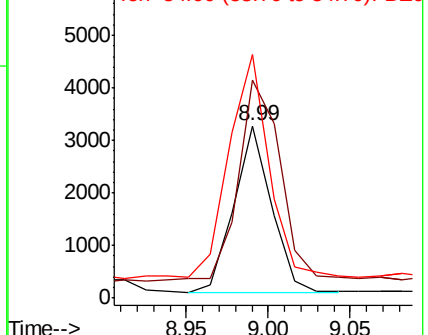
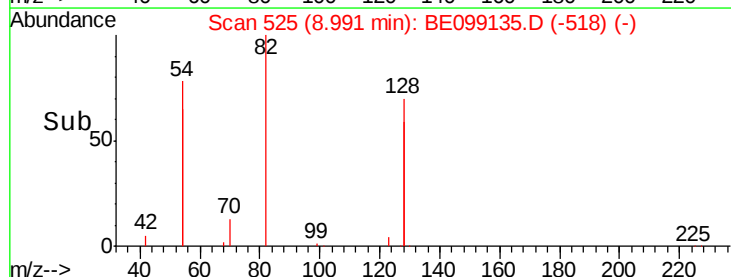
54 141.1 203.4 305.2#

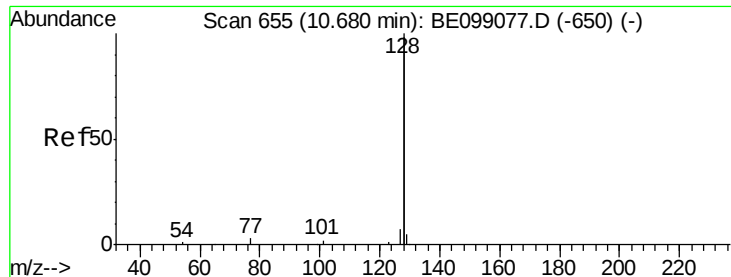


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.358 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

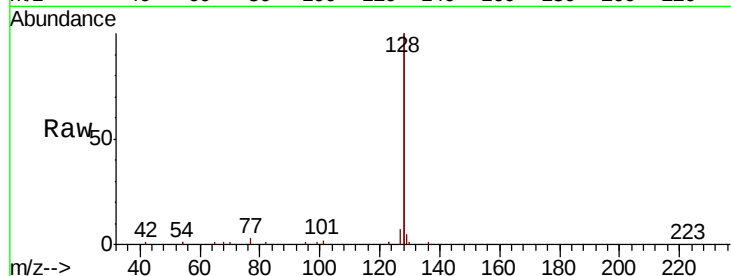
Tgt Ion:128 Resp: 69156

Ion Ratio Lower Upper

128 100

129 2.7 2.6 4.0

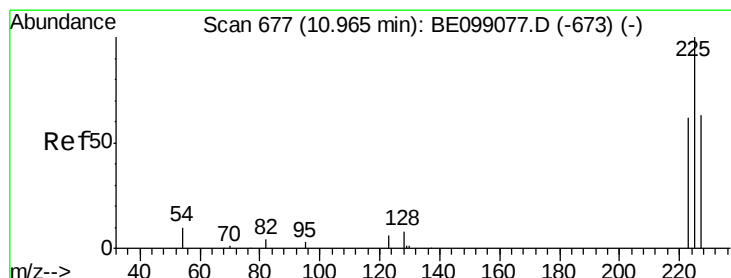
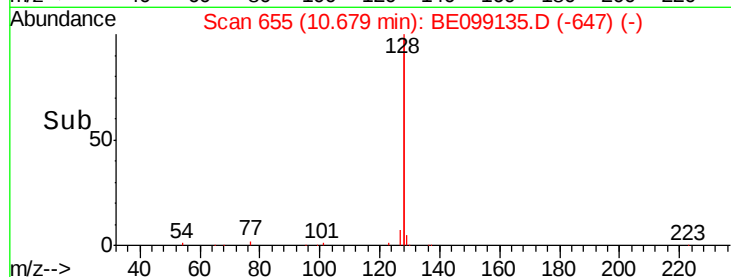
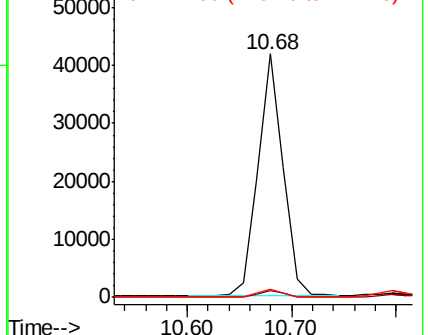
127 3.5 3.1 4.7



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: 0.350 ng

RT: 10.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

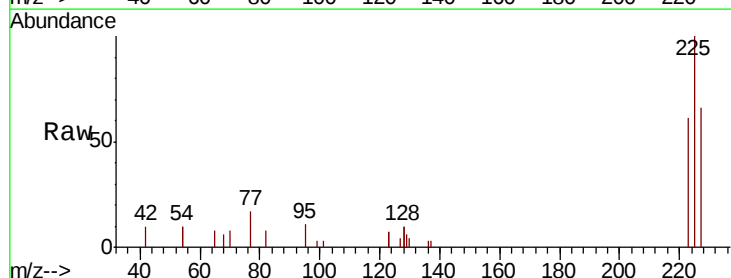
Tgt Ion:225 Resp: 3303

Ion Ratio Lower Upper

225 100

223 63.1 51.1 76.7

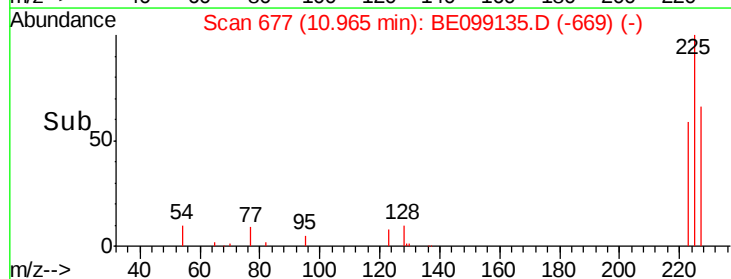
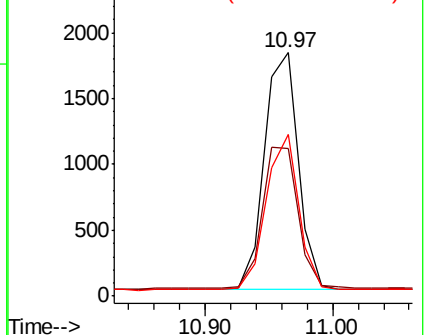
227 63.2 51.6 77.4

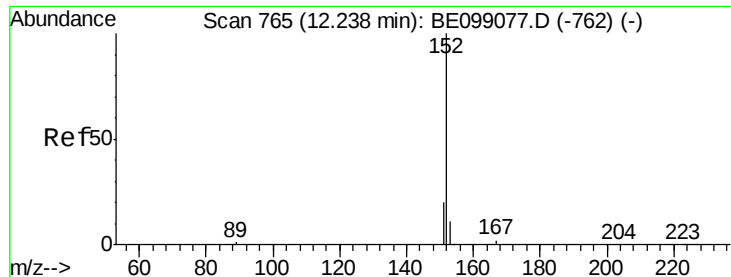


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

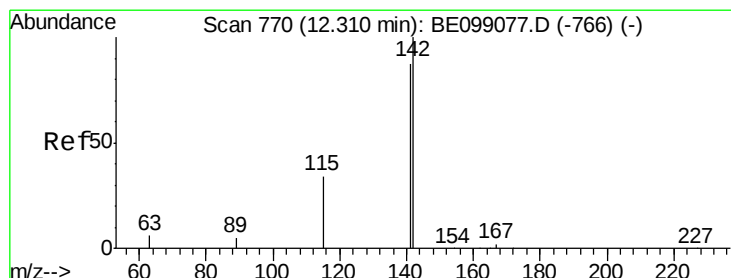
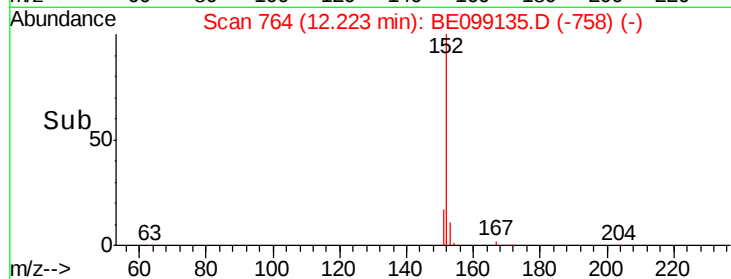
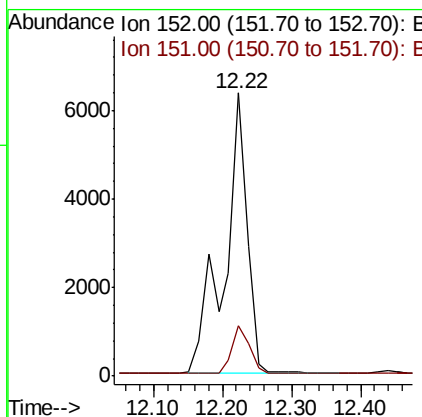
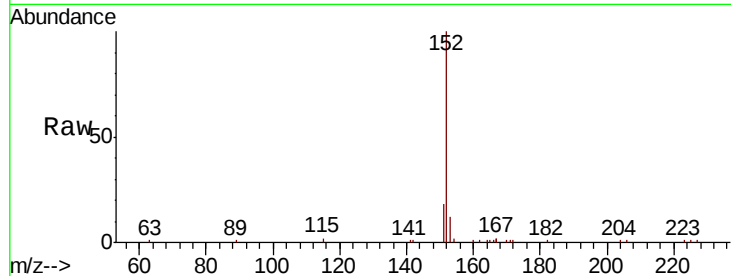




#11
 2-Methylnaphthalene-d10
 Concen: 0.485 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BE099135.D
 Acq: 24 Mar 2019 6:14

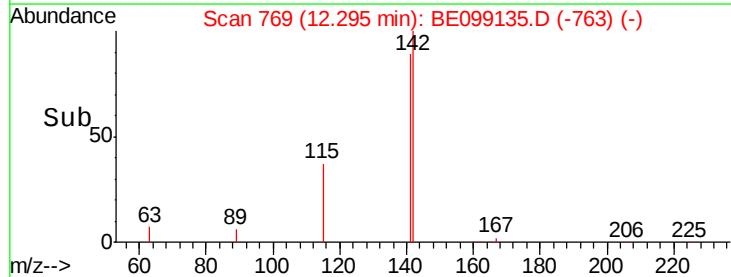
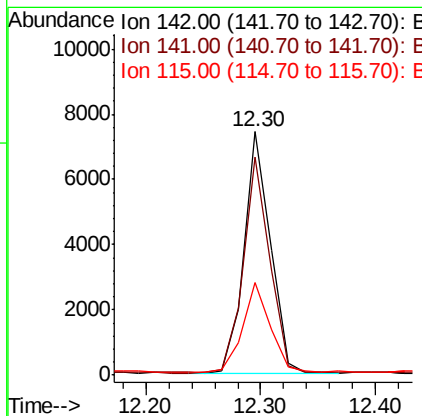
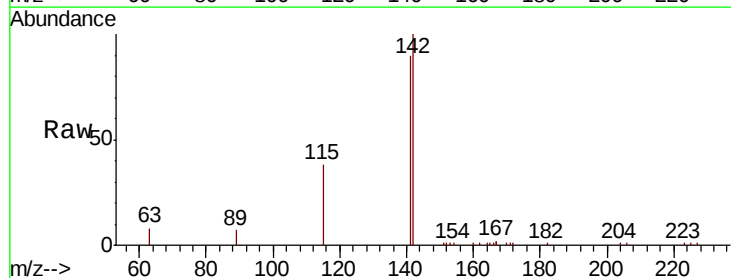
Instrument :
 BNA_E
 ClientSampleId :
 PST-026-SW075-031819MSD

Tgt Ion:152 Resp: 14311
 Ion Ratio Lower Upper
 152 100
 151 13.4 16.5 24.7#



#12
 2-Methylnaphthalene
 Concen: 0.351 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.02 min
 Lab File: BE099135.D
 Acq: 24 Mar 2019 6:14

Tgt Ion:142 Resp: 11625
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.6 108.8
 115 37.9 37.4 56.2

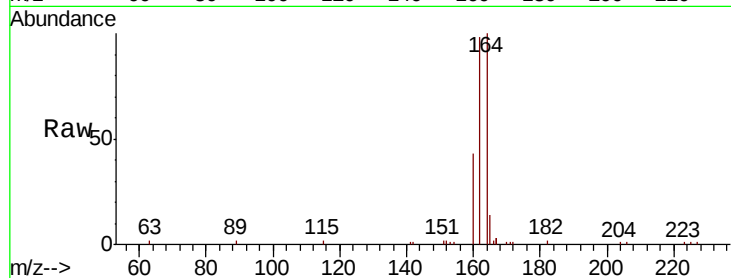




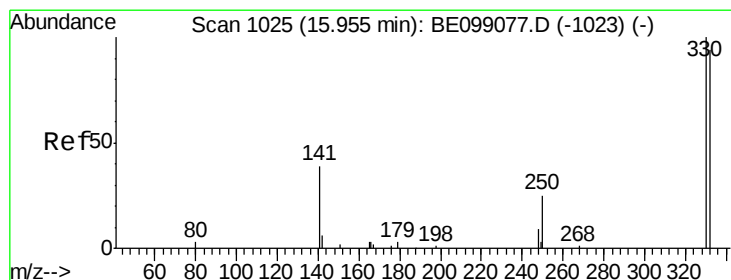
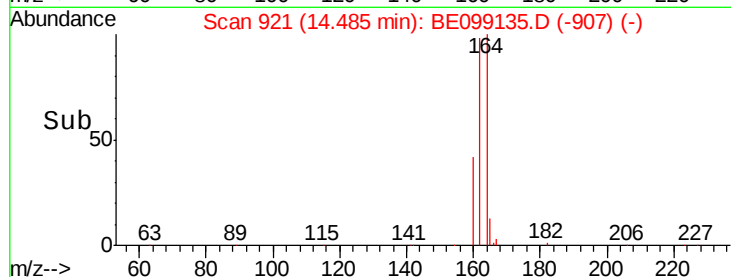
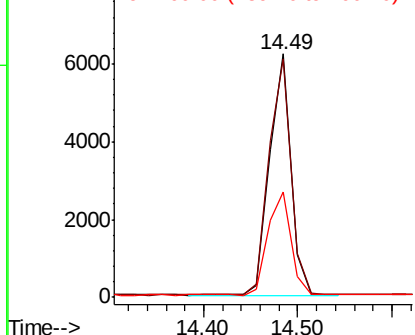
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MSD

Tgt Ion:164 Resp: 9765
Ion Ratio Lower Upper
164 100
162 97.9 80.2 120.2
160 43.1 37.8 56.8

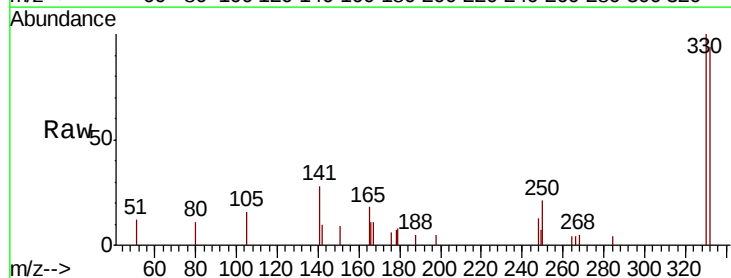


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

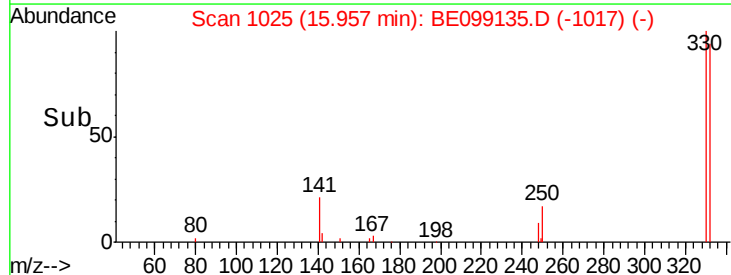
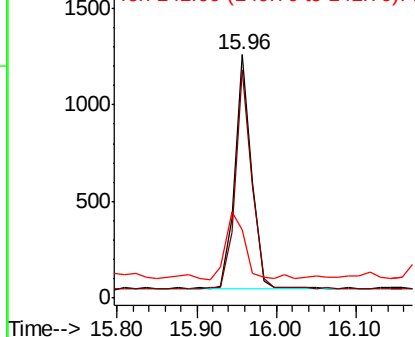


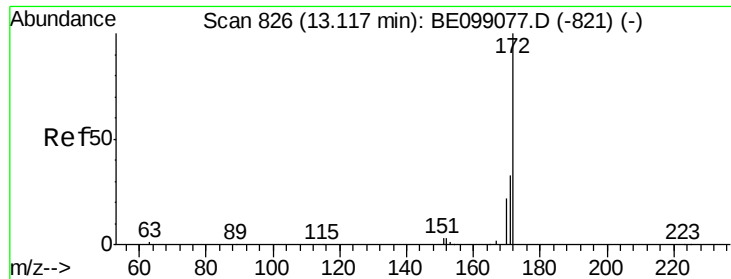
#14
2,4,6-Tribromophenol
Concen: 0.609 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Tgt Ion:330 Resp: 1749
Ion Ratio Lower Upper
330 100
332 94.3 77.6 116.4
141 34.2 31.0 46.4



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

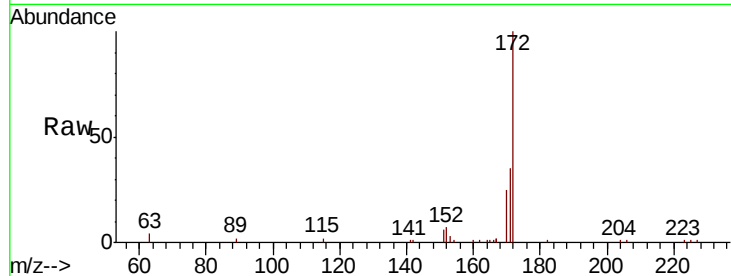




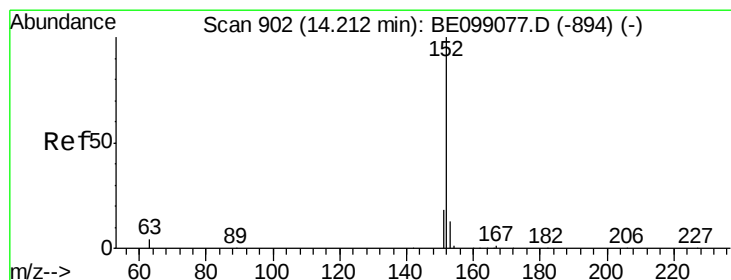
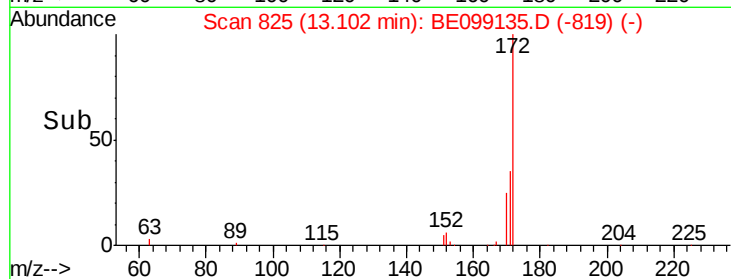
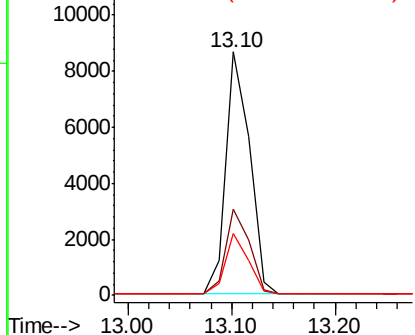
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MSD

Tgt Ion:172 Resp: 13823
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 25.3 17.7 26.5

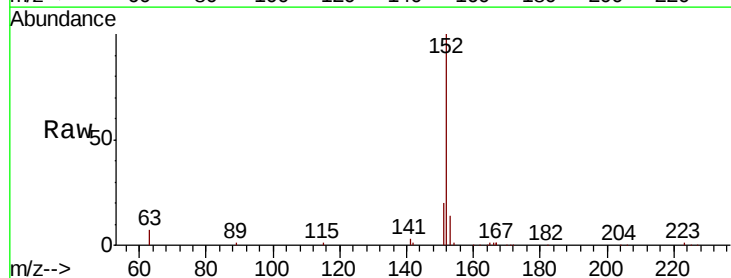


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

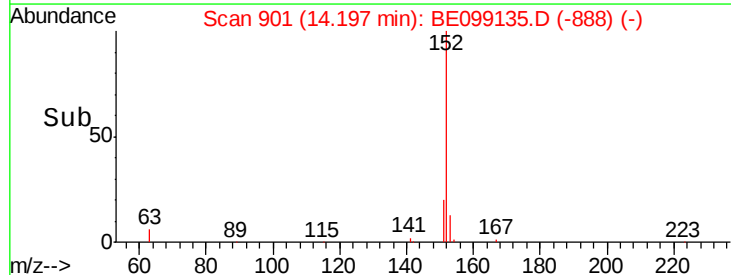
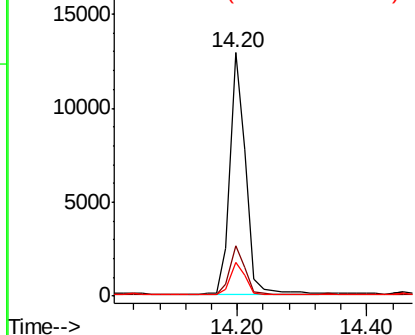


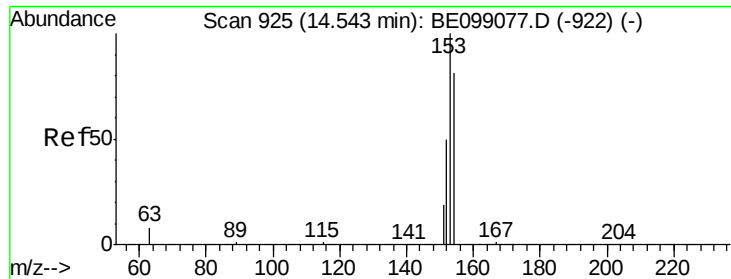
#16
Acenaphthylene
Concen: 0.419 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Tgt Ion:152 Resp: 21843
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.6
153 13.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

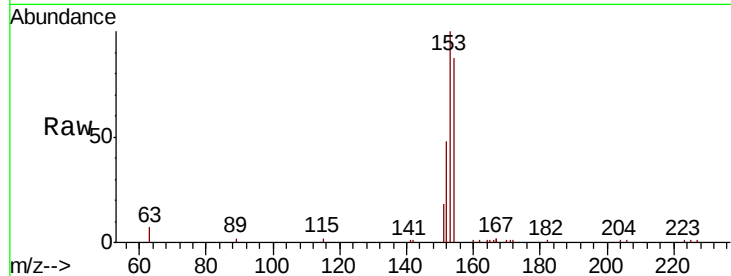




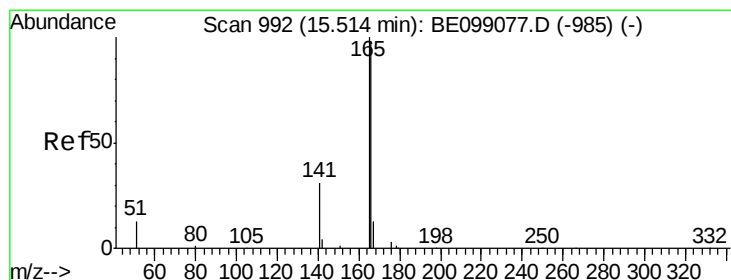
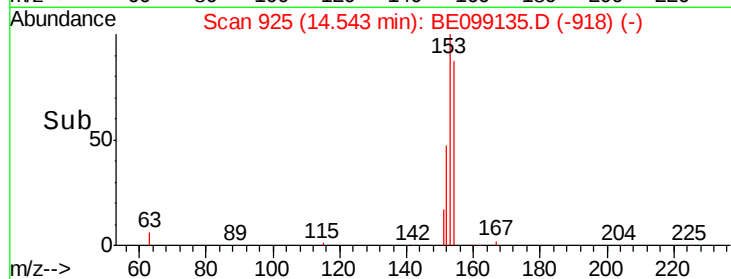
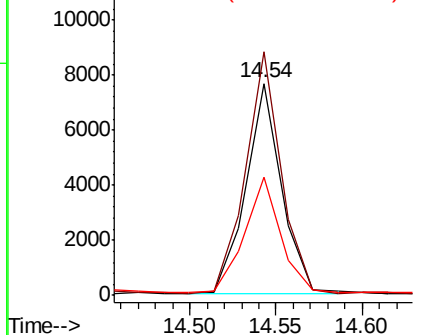
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MSD

Tgt Ion:154 Resp: 10980
Ion Ratio Lower Upper
154 100
153 113.8 94.2 141.4
152 55.0 45.0 67.4

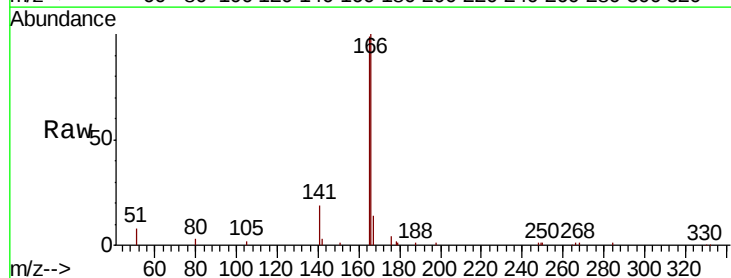


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

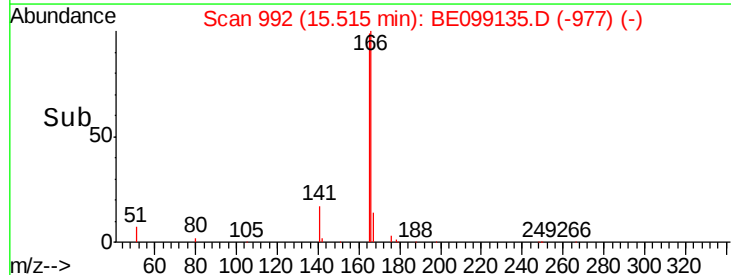
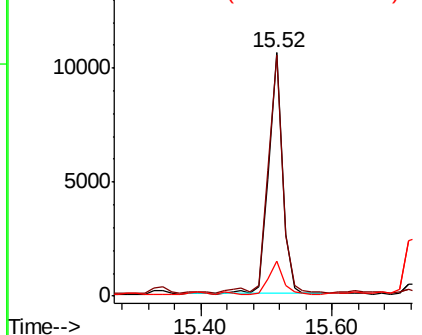


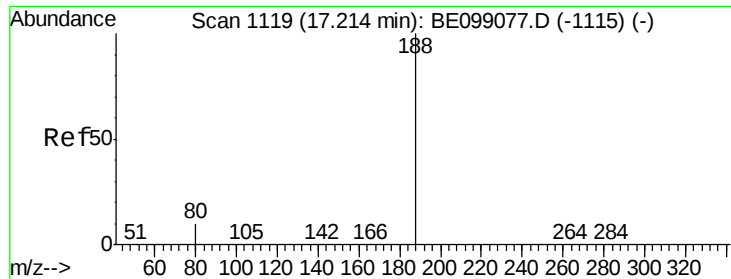
#18
Fluorene
Concen: 0.341 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Tgt Ion:166 Resp: 15384
Ion Ratio Lower Upper
166 100
165 102.6 79.3 118.9
167 14.0 10.5 15.7



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

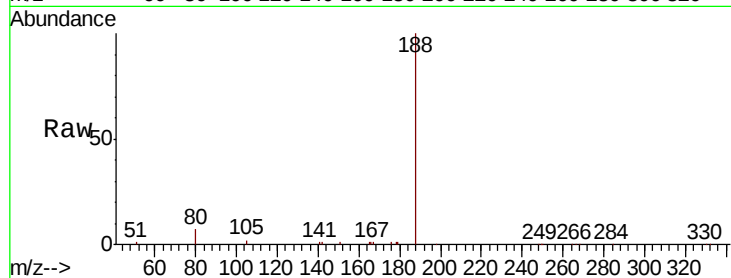
Tgt Ion:188 Resp: 25422

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

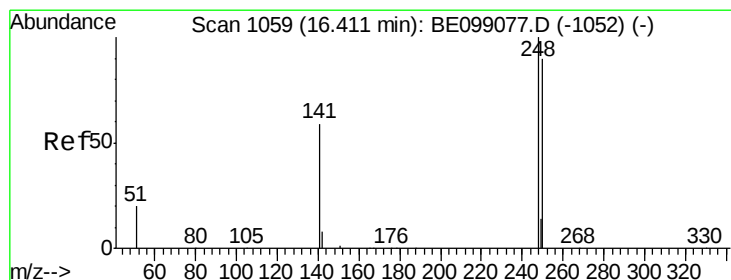
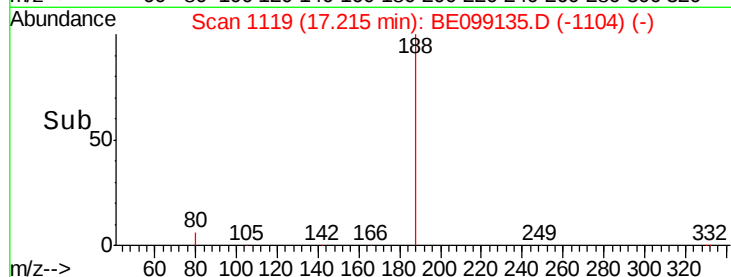
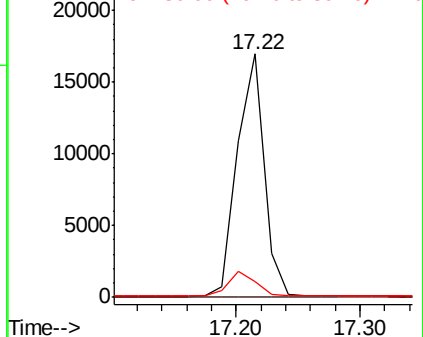
80 6.6 6.3 9.5



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: 0.349 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

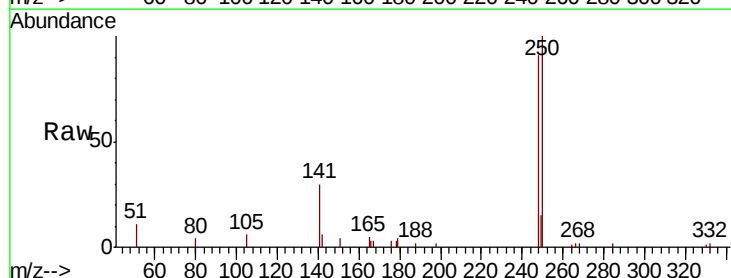
Tgt Ion:248 Resp: 4908

Ion Ratio Lower Upper

248 100

250 110.3 70.6 105.8#

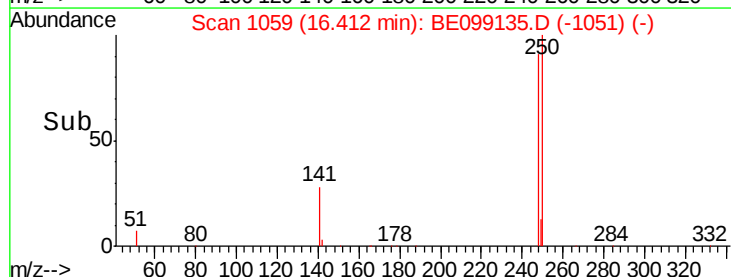
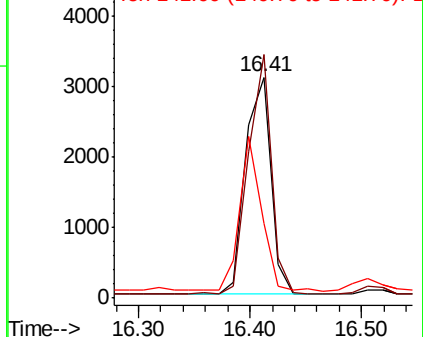
141 33.6 68.6 102.8#

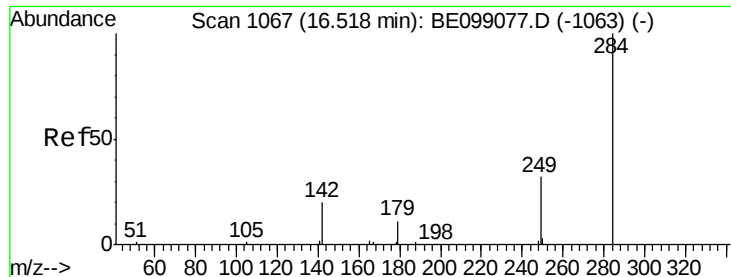


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.355 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

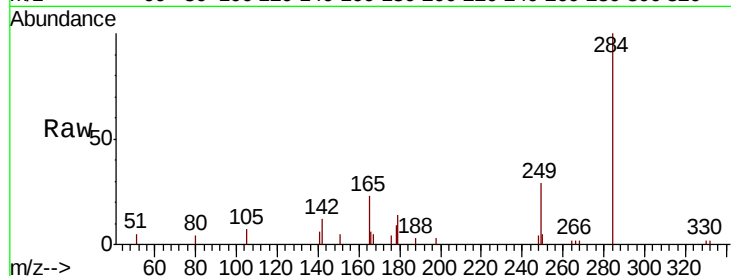
Tgt Ion:284 Resp: 4639

Ion Ratio Lower Upper

284 100

142 31.5 28.7 43.1

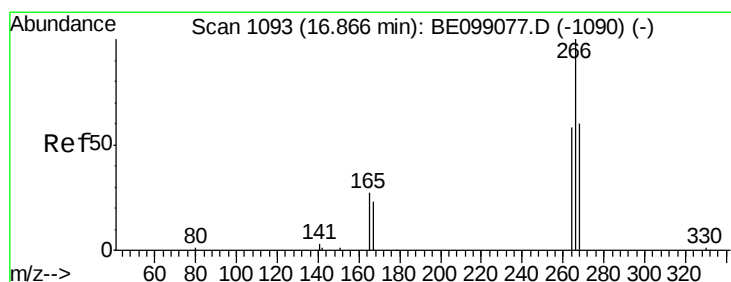
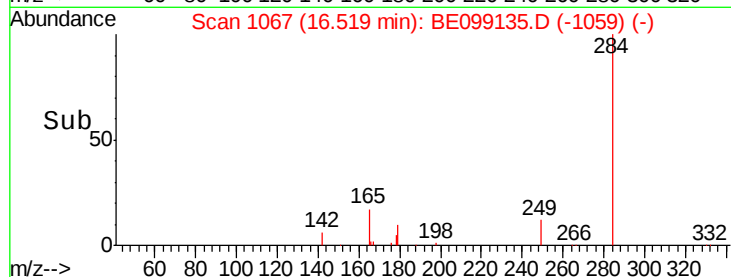
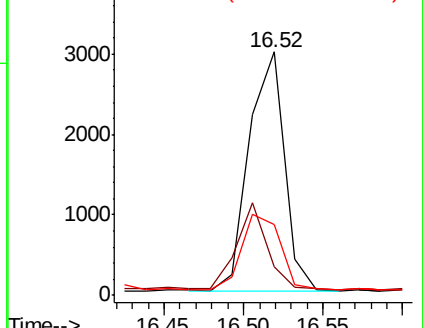
249 34.2 29.6 44.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.307 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

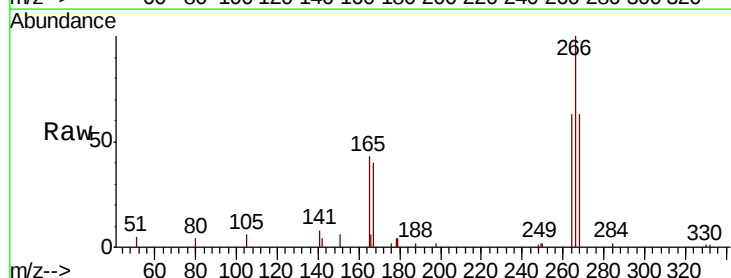
Tgt Ion:266 Resp: 5651

Ion Ratio Lower Upper

266 100

264 62.6 66.6 100.0#

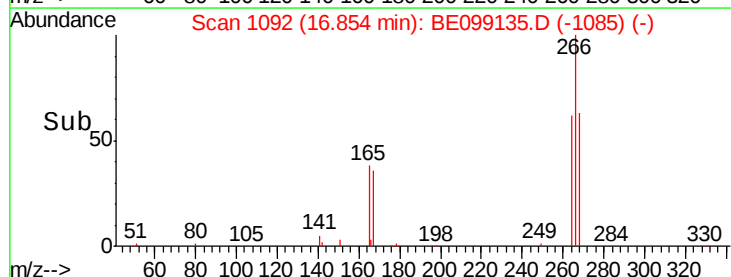
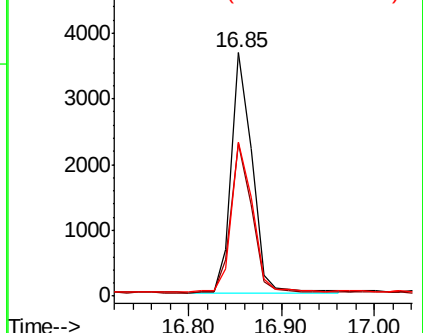
268 63.5 69.8 104.8#

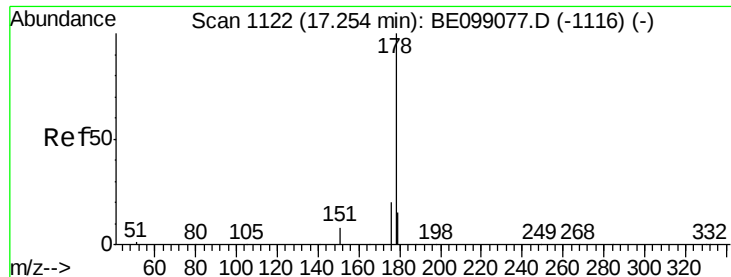


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.718 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

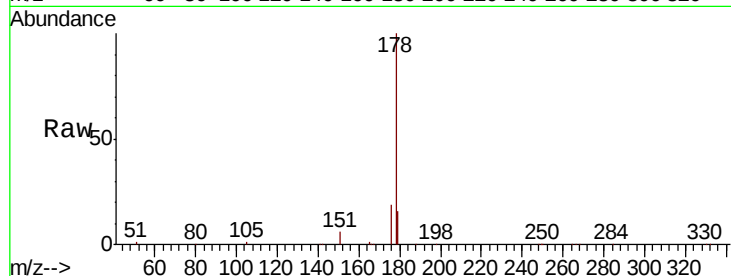
Tgt Ion:178 Resp: 54183

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

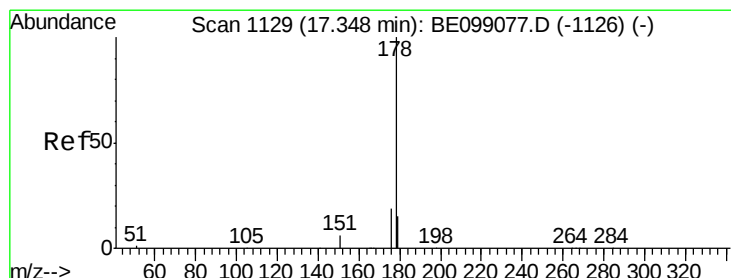
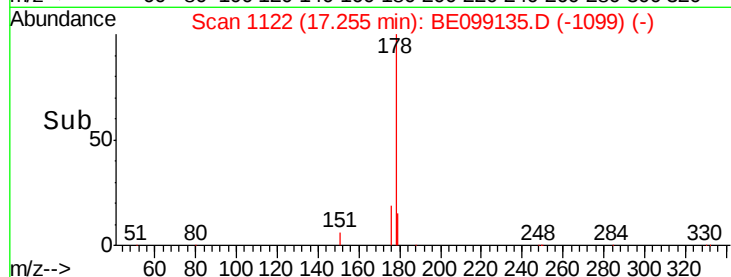
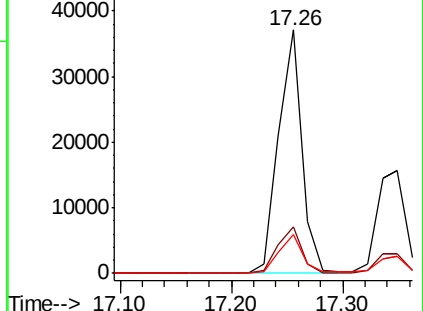
179 15.6 12.1 18.1



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: 0.388 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

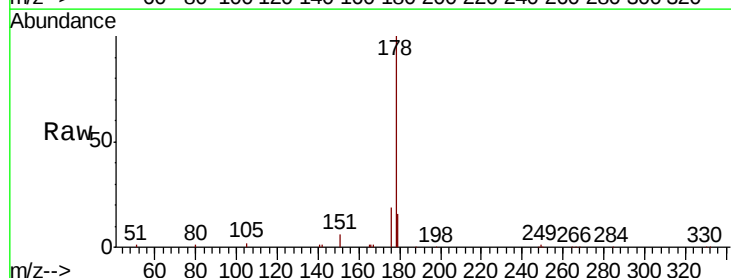
Tgt Ion:178 Resp: 27740

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

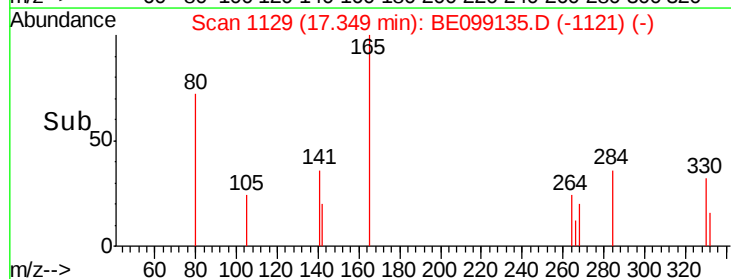
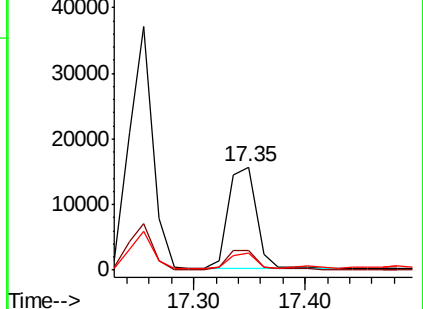
179 15.0 12.2 18.4

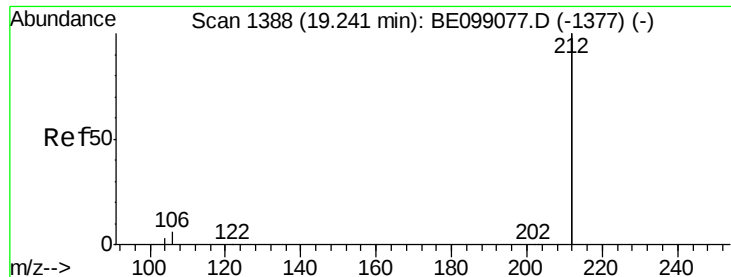


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

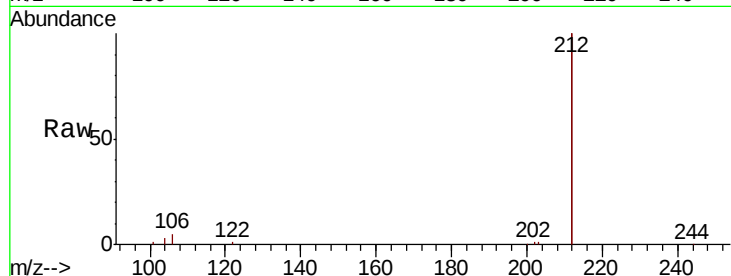
Tgt Ion:212 Resp: 128083

Ion Ratio Lower Upper

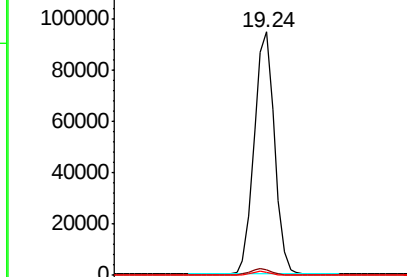
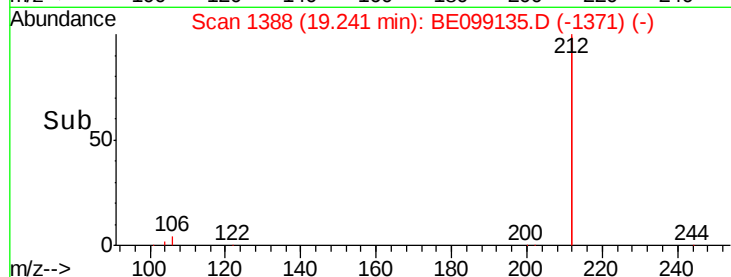
212 100

106 2.6 1.8 2.8

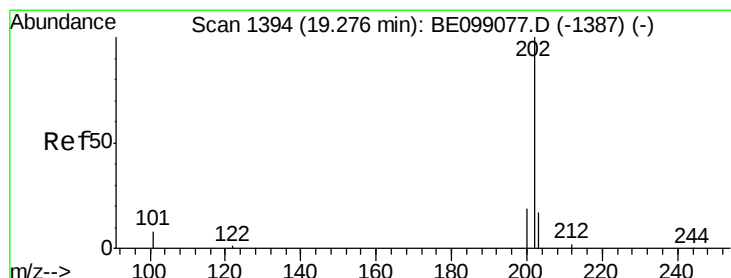
104 1.5 1.0 1.6



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



Time-->



#26

Fluoranthene

Concen: 0.859 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

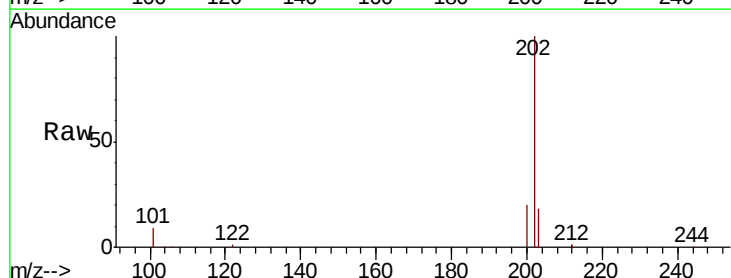
Tgt Ion:202 Resp: 91199

Ion Ratio Lower Upper

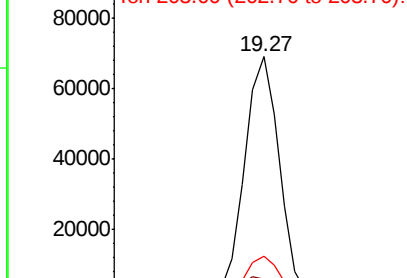
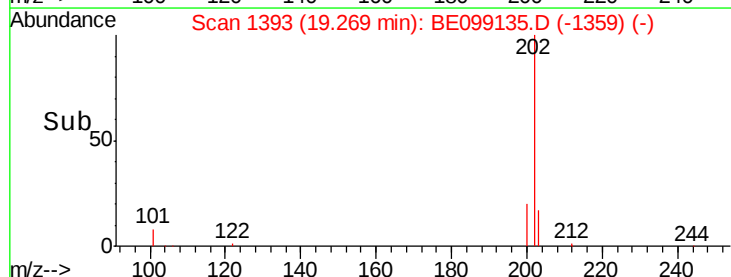
202 100

101 9.3 7.3 10.9

203 17.5 13.4 20.2



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



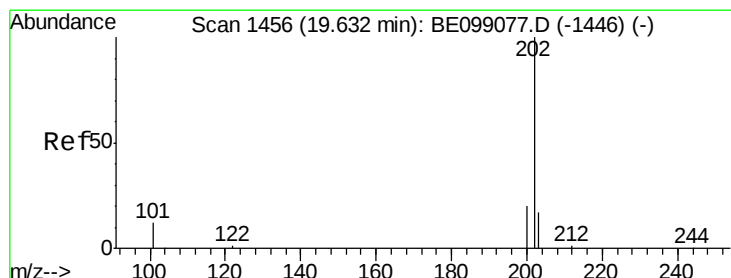
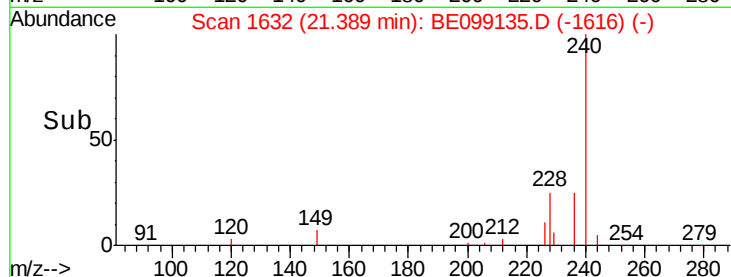
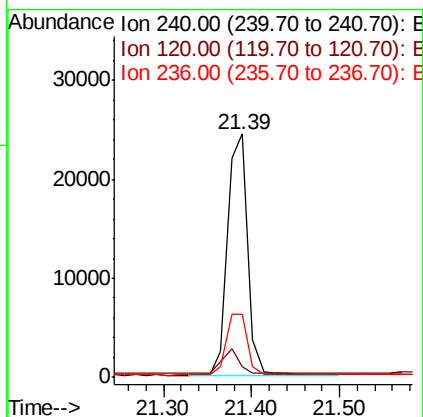
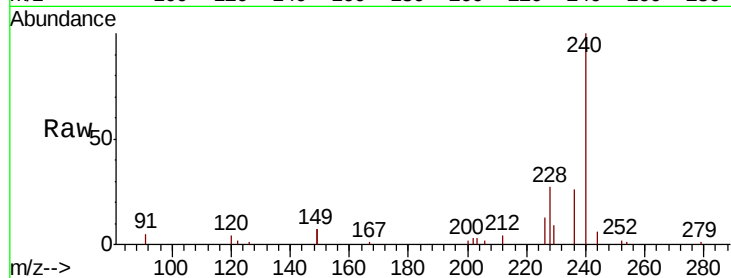
Time-->



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

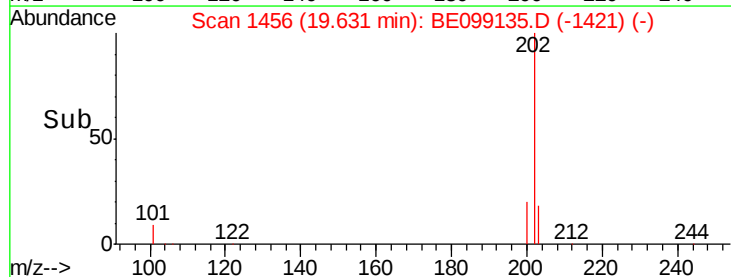
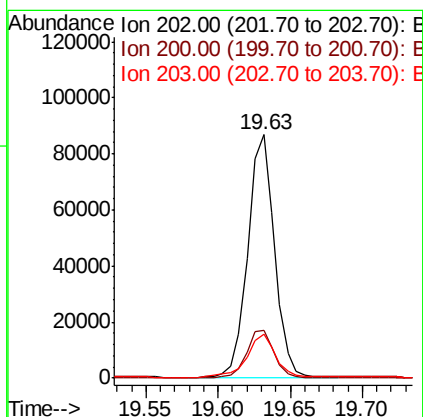
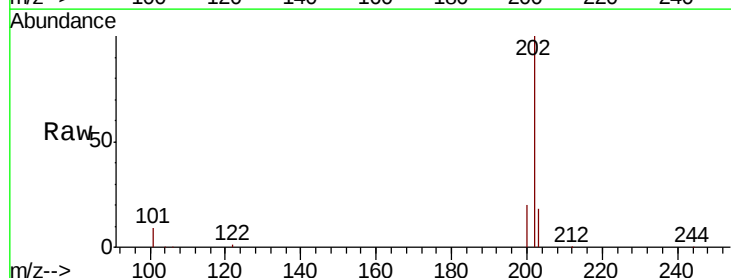
Instrument :
BNA_E
ClientSampleId :
PST-026-SW075-031819MSD

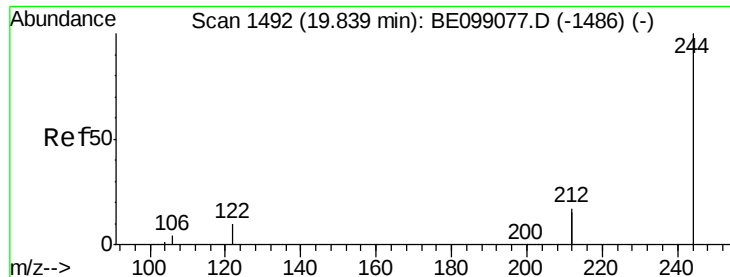
Tgt Ion:240 Resp: 38844
Ion Ratio Lower Upper
240 100
120 4.1 5.0 7.4#
236 26.1 22.7 34.1



#28
Pyrene
Concen: 0.851 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE099135.D
Acq: 24 Mar 2019 6:14

Tgt Ion:202 Resp: 112127
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.6
203 19.3 14.2 21.2





#29

Terphenyl-d14

Concen: 0.274 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

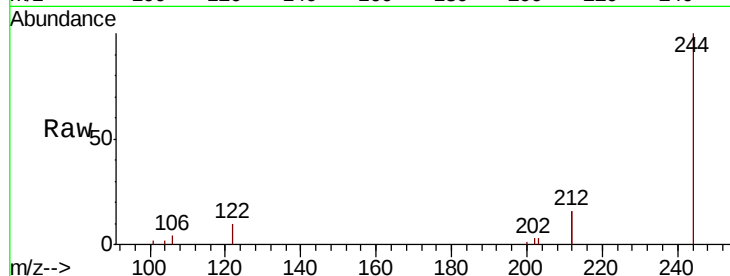
Tgt Ion:244 Resp: 22494

Ion Ratio Lower Upper

244 100

212 31.5 29.4 44.2

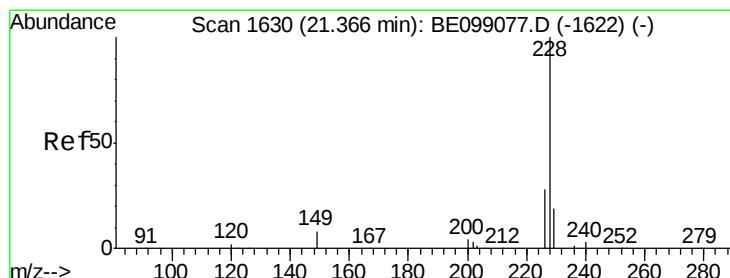
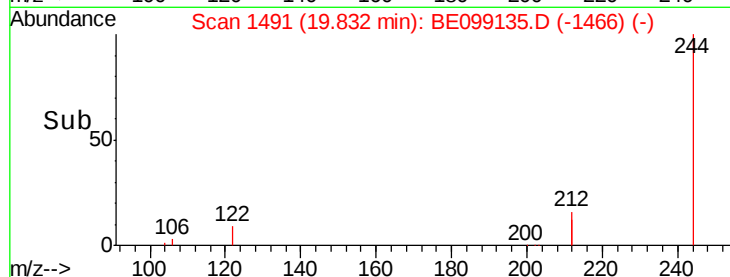
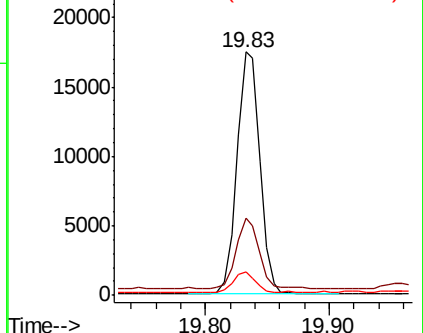
122 9.8 7.1 10.7



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: 0.599 ng

RT: 21.36 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

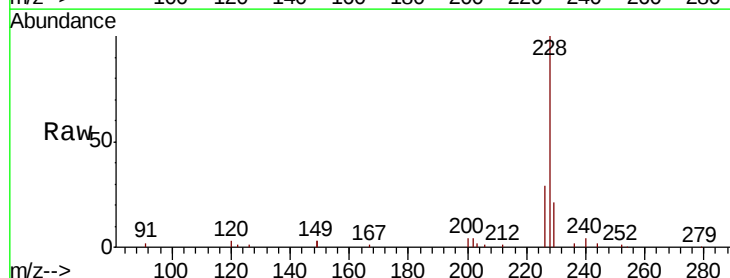
Tgt Ion:228 Resp: 81995

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.4

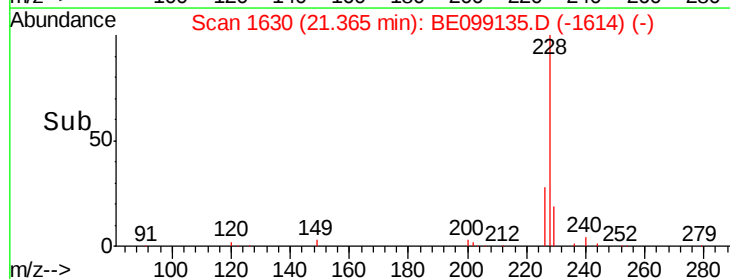
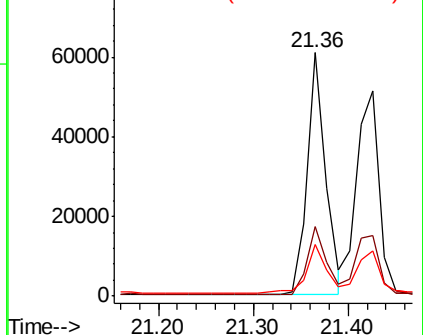
229 21.3 16.5 24.7

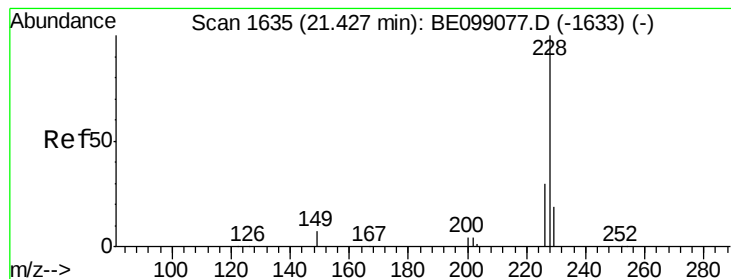


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.613 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

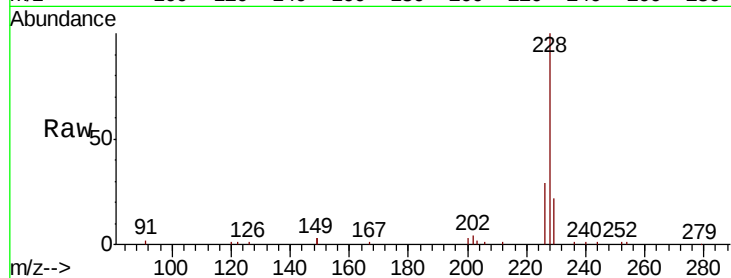
Tgt Ion: 228 Resp: 83894

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 21.9 16.1 24.1

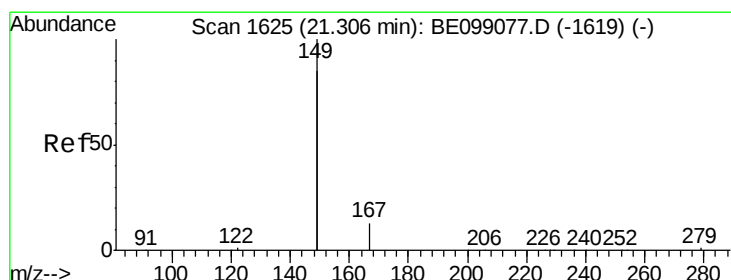
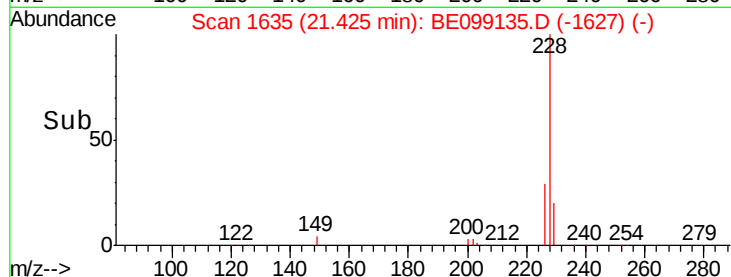
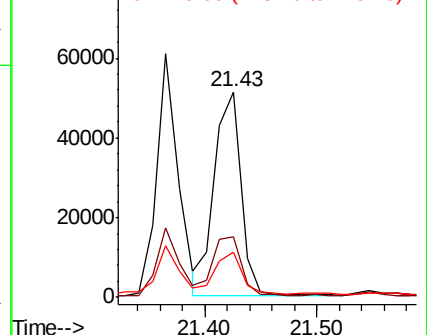


Abundance

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: 0.558 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

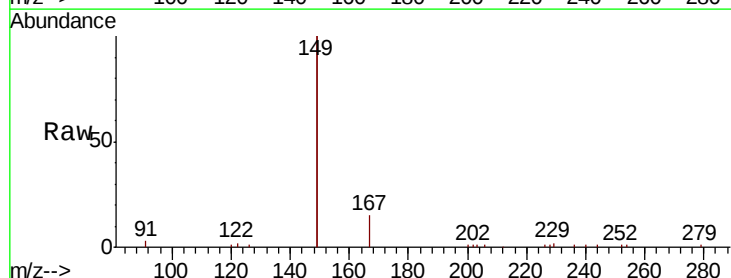
Tgt Ion: 149 Resp: 99062

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

279 1.1 1.0 1.4

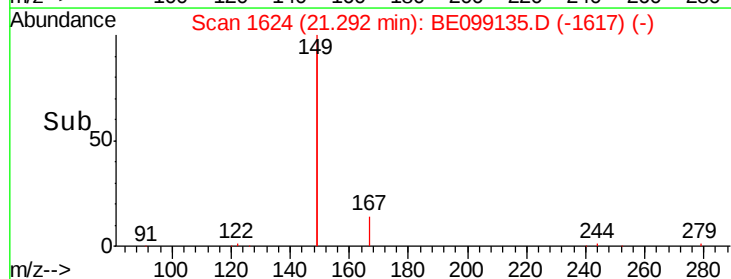
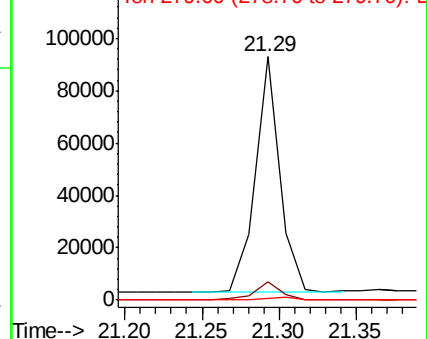


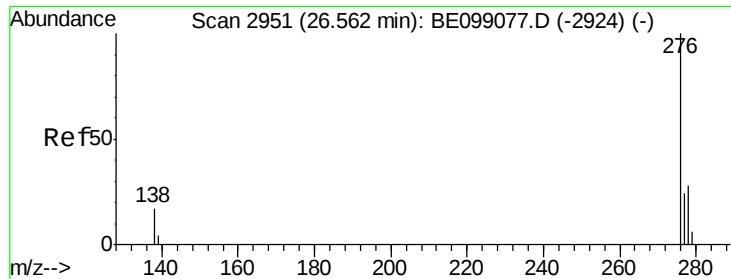
Abundance

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: 0.487 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

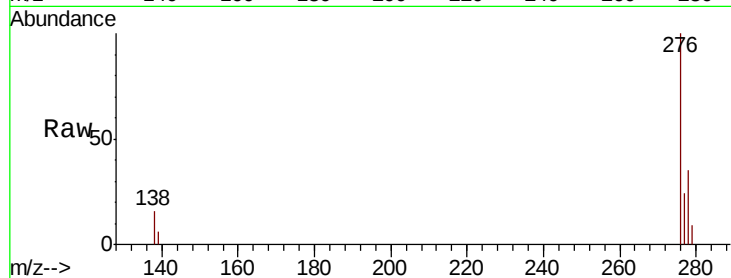
Tgt Ion: 276 Resp: 71568

Ion Ratio Lower Upper

276 100

138 16.9 13.8 20.8

277 24.1 19.5 29.3

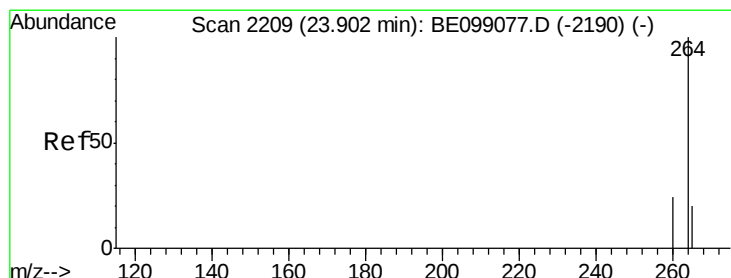
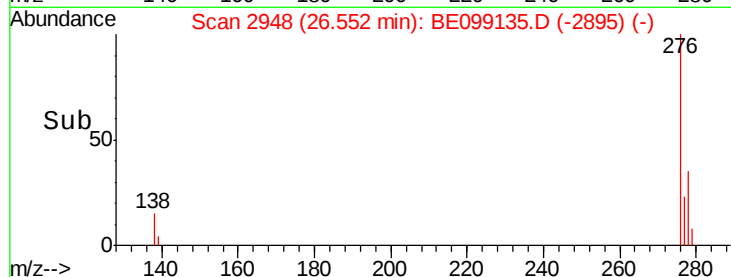
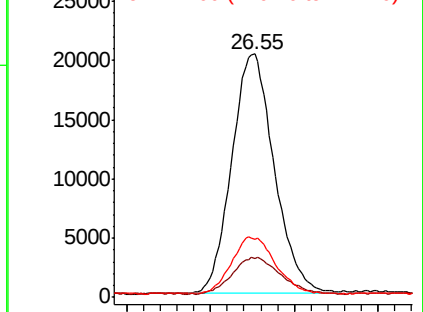


Abundance

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# 2207

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

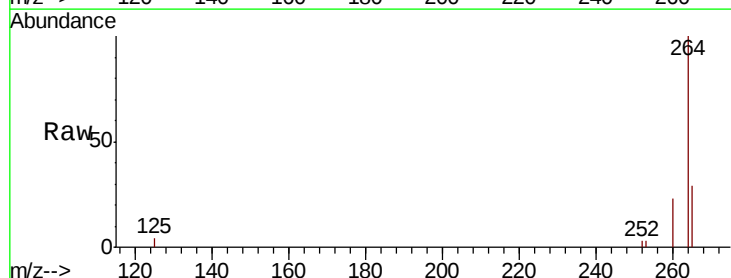
Tgt Ion: 264 Resp: 42395

Ion Ratio Lower Upper

264 100

260 23.4 21.2 31.8

265 28.8 24.6 36.8

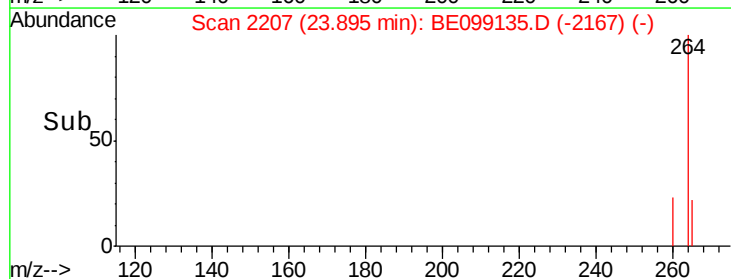
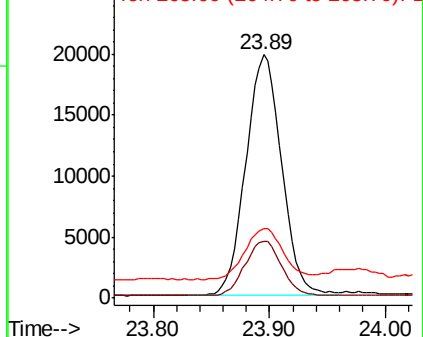


Abundance

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: 0.575 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

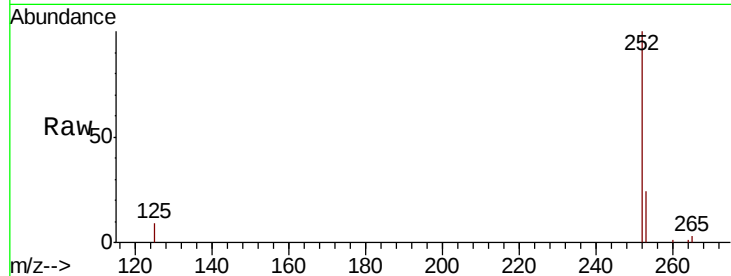
Tgt Ion:252 Resp: 84300

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

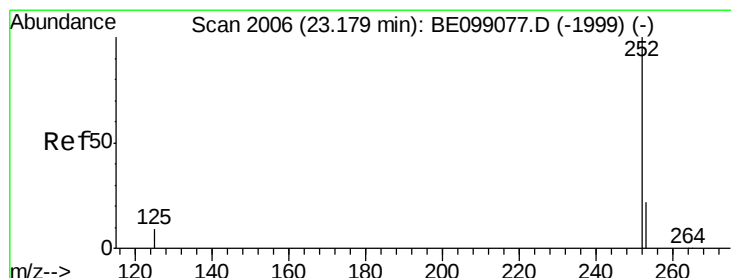
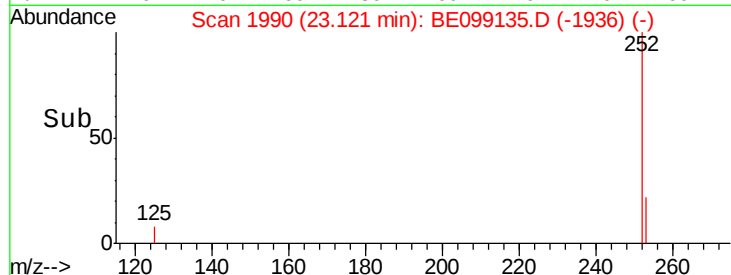
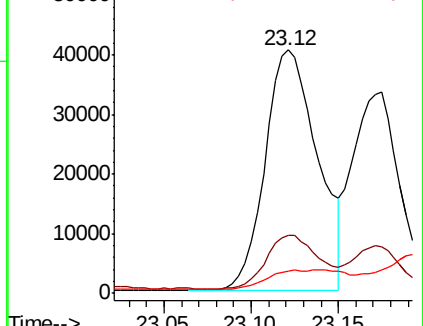
125 9.3 7.3 10.9



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: 0.587 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.06 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

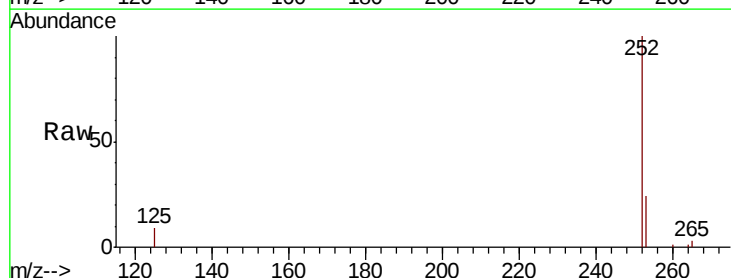
Tgt Ion:252 Resp: 84300

Ion Ratio Lower Upper

252 100

253 24.0 19.3 28.9

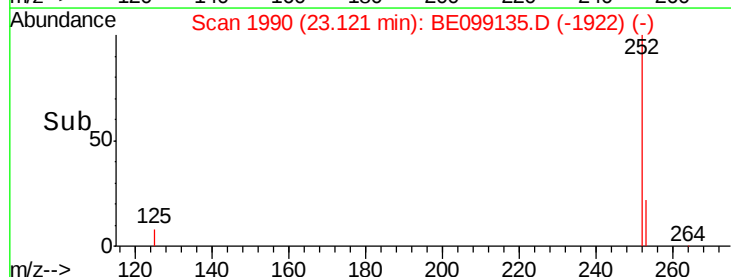
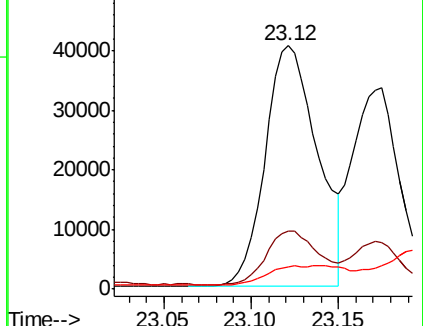
125 9.3 7.5 11.3



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: 0.563 ng

RT: 23.78 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD

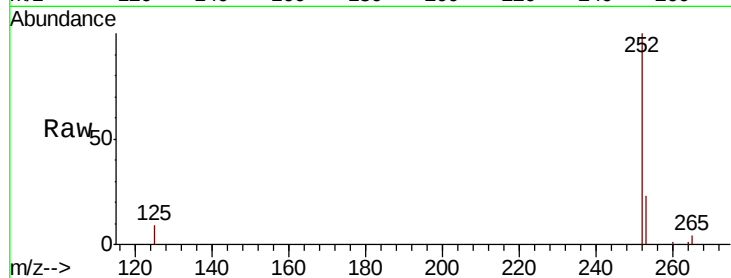
Tgt Ion:252 Resp: 76327

Ion Ratio Lower Upper

252 100

253 23.4 19.9 29.9

125 9.3 9.0 13.4

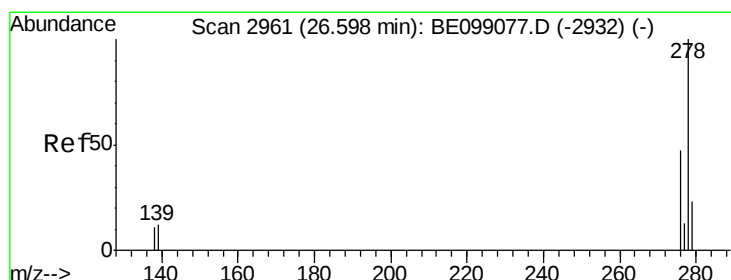
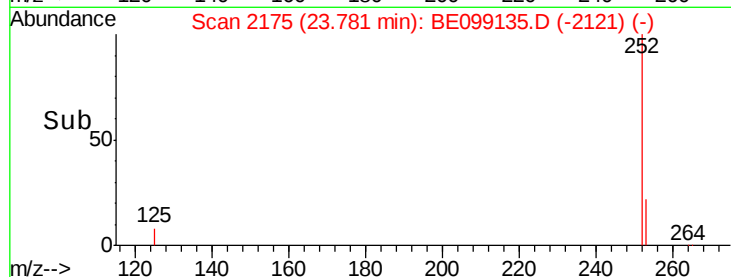
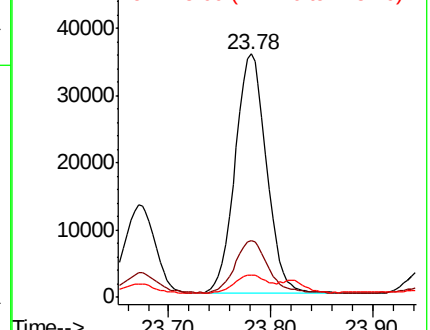


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.359 ng

RT: 26.58 min Scan# 2956

Delta R.T. -0.02 min

Lab File: BE099135.D

Acq: 24 Mar 2019 6:14

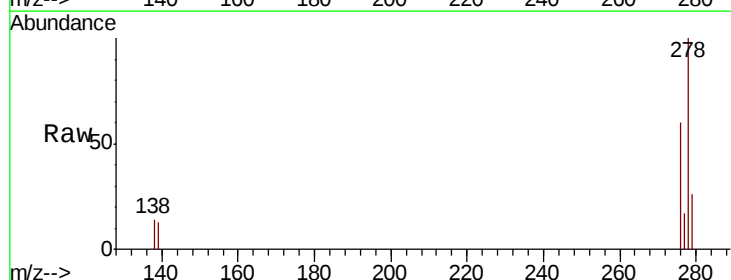
Tgt Ion:278 Resp: 47381

Ion Ratio Lower Upper

278 100

139 12.9 11.8 17.6

279 26.2 21.1 31.7

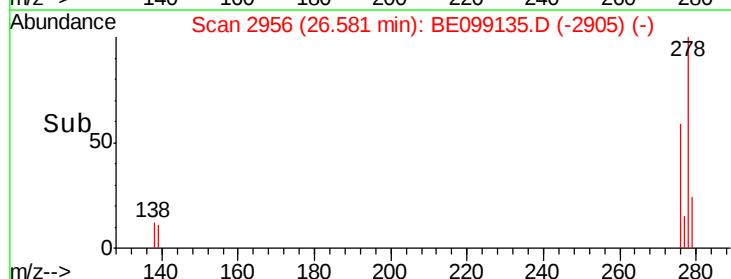
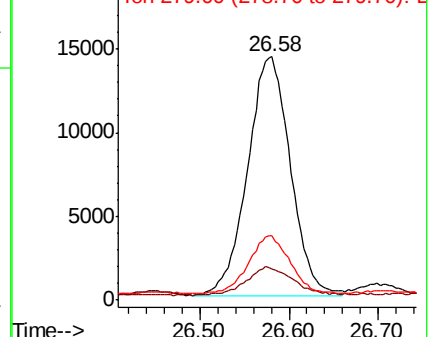


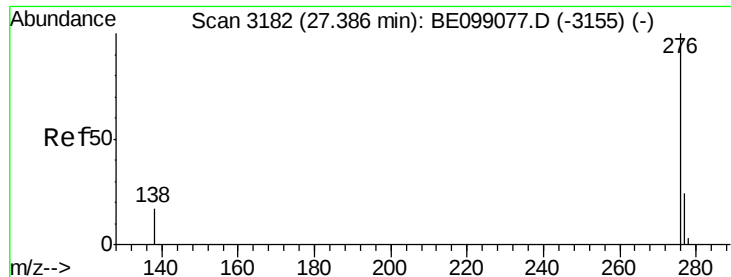
Abundance

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: 0.502 ng

RT: 27.37 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BE099135.D

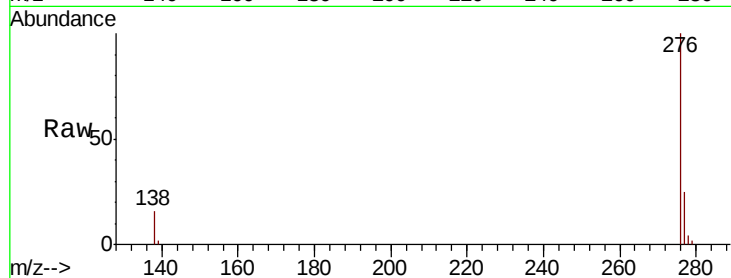
Acq: 24 Mar 2019 6:14

Instrument :

BNA_E

ClientSampleId :

PST-026-SW075-031819MSD



Tgt Ion: 276 Resp: 67948

Ion Ratio Lower Upper

276 100

277 24.6 20.4 30.6

138 16.4 13.6 20.4

