

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
 Data File : BE099432.D
 Acq On : 30 Apr 2019 18:35
 Operator : JU/SJ
 Sample : K2587-16MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B162-042319MSD

Quant Time: Apr 30 23:59:09 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	7.81	152	2859	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	9801	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6469	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18383	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26003	0.40	ng	0.00
34) Perylene-d12	23.86	264	35341	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	3836	0.49	ng	0.00
5) Phenol-d6	6.97	99	5345	0.51	ng	0.00
8) Nitrobenzene-d5	8.96	82	4311	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	10254	0.58	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1834	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	10326	0.42	ng	-0.01
25) Fluoranthene-d10	19.21	212	92191	0.37	ng	0.00
29) Terphenyl-d14	19.81	244	18487	0.39	ng	0.00

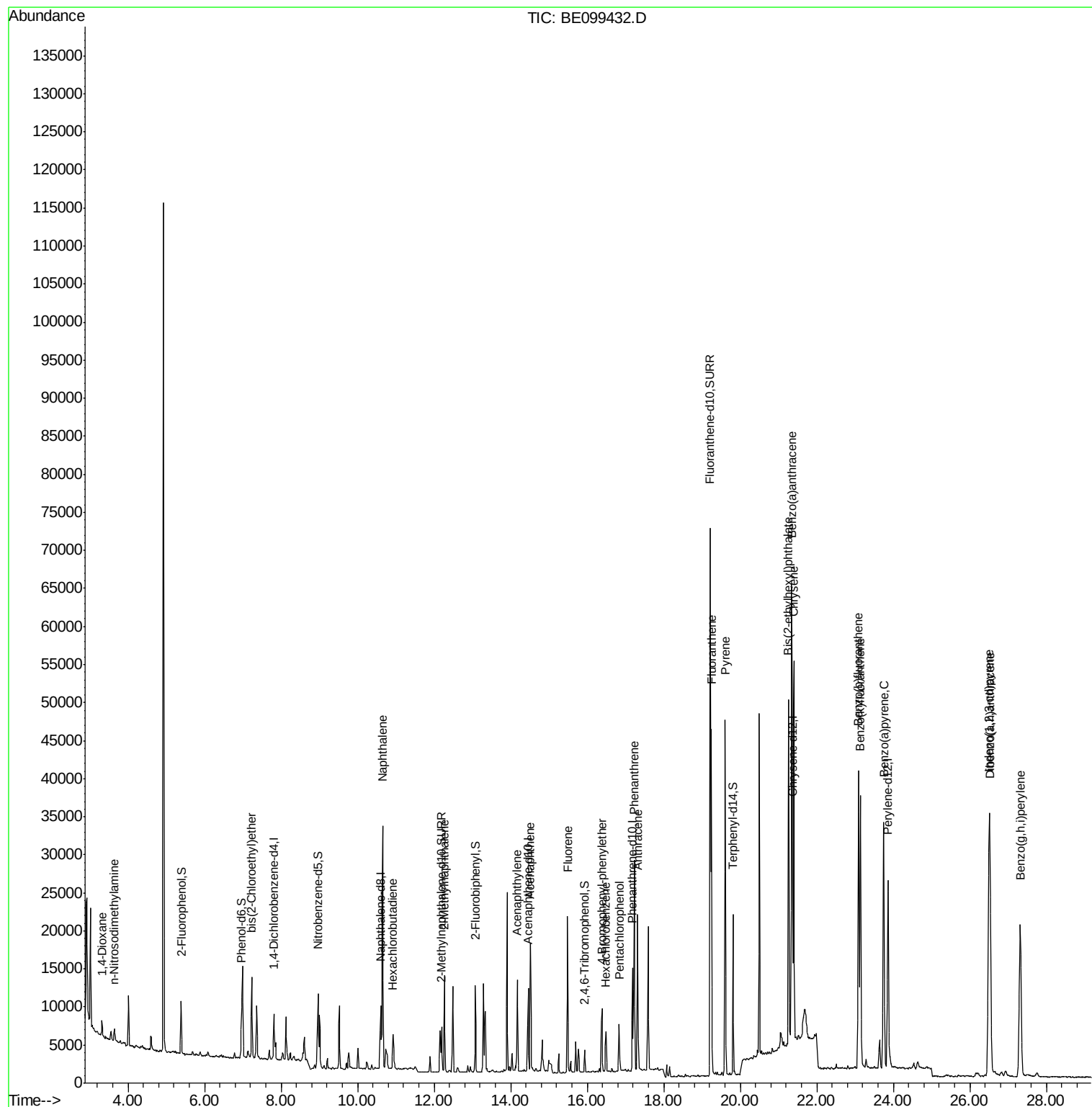
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	1356	0.345	ng	# 85
3) n-Nitrosodimethylamine	3.64	42	1217	0.513	ng	# 87
6) bis(2-Chloroethyl)ether	7.23	93	4147	0.457	ng	100
9) Naphthalene	10.65	128	50697	0.475	ng	100
10) Hexachlorobutadiene	10.93	225	3008	0.405	ng	97
12) 2-Methylnaphthalene	12.27	142	8175	0.440	ng	97
16) Acenaphthylene	14.17	152	14920	0.471	ng	99
17) Acenaphthene	14.52	154	8371	0.463	ng	97
18) Fluorene	15.49	166	11996	0.450	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	4780	0.447	ng	# 84
21) Hexachlorobenzene	16.49	284	4411	0.432	ng	99
22) Pentachlorophenol	16.84	266	3714	0.821	ng	96
23) Phenanthrene	17.23	178	27203	0.573	ng	100
24) Anthracene	17.32	178	22258	0.492	ng	99
26) Fluoranthene	19.24	202	42773	0.602	ng	99
28) Pyrene	19.61	202	43972	0.649	ng	98
30) Benzo(a)anthracene	21.34	228	49325	0.595	ng	98
31) Chrysene	21.40	228	49530	0.611	ng	97
32) Bis(2-ethylhexyl)phthalate	21.26	149	61961	0.458	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	60899	0.636	ng	100
35) Benzo(b)fluoranthene	23.09	252	57164	0.561	ng	98
36) Benzo(k)fluoranthene	23.14	252	50616	0.515	ng	# 98
37) Benzo(a)pyrene	23.74	252	52605	0.546	ng	99
38) Dibenzo(a,h)anthracene	26.53	278	46769	0.475	ng	98
39) Benzo(g,h,i)perylene	27.32	276	52367	0.530	ng	99

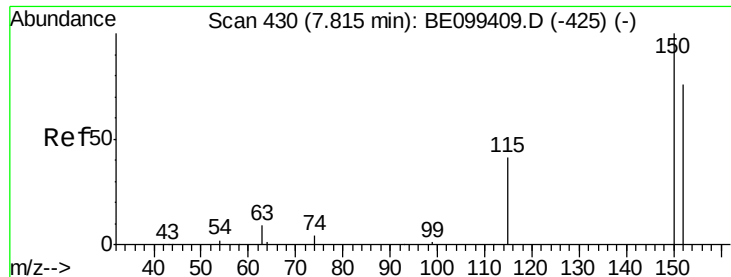
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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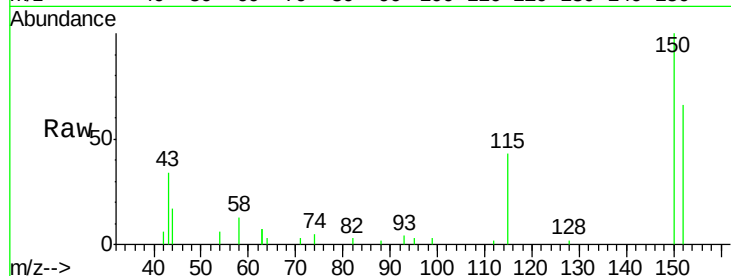


#1

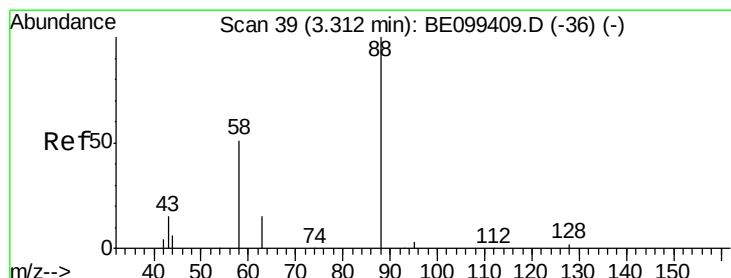
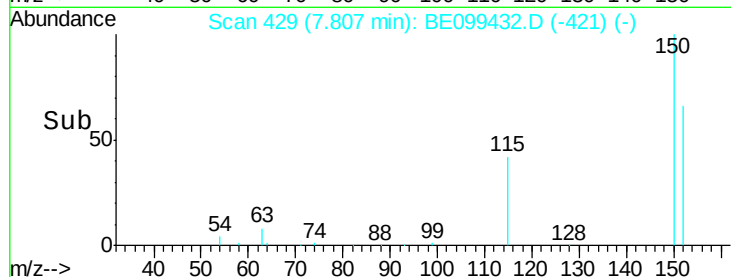
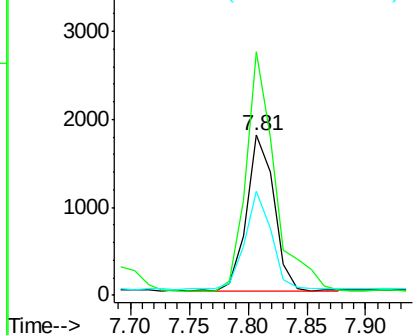
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099432.D
Acq: 30 Apr 2019 18:35

Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MSD

Tot Ion:152 Resp: 2859
Ion Ratio Lower Upper
152 100
150 152.4 104.8 157.2
115 65.0 46.6 69.8



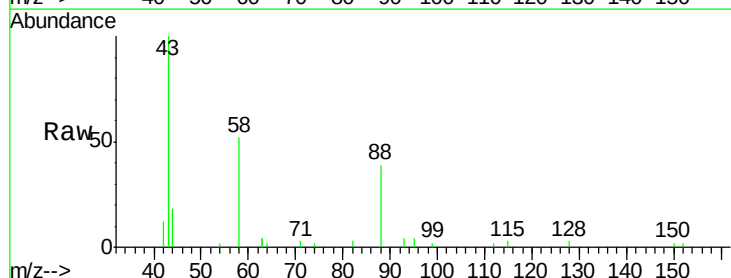
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



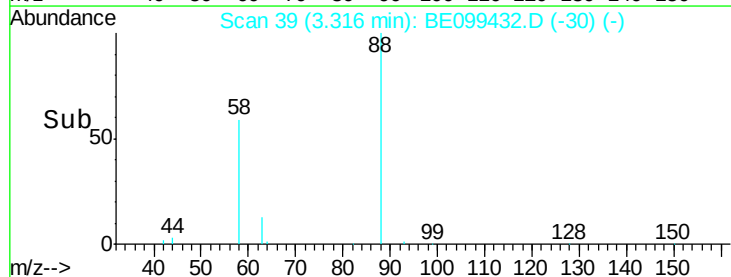
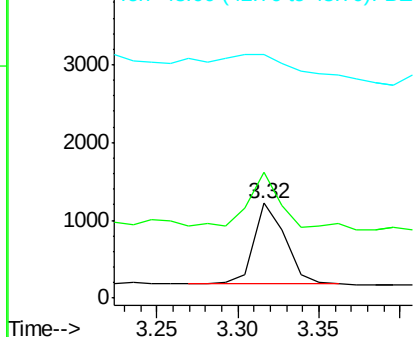
#2

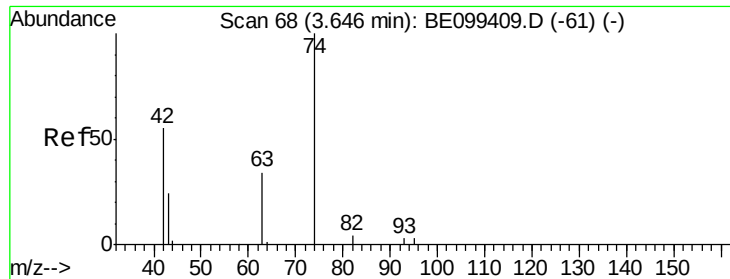
1,4-Dioxane
Concen: 0.345 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099432.D
Acq: 30 Apr 2019 18:35

Tgt Ion: 88 Resp: 1356
Ion Ratio Lower Upper
88 100
58 63.1 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



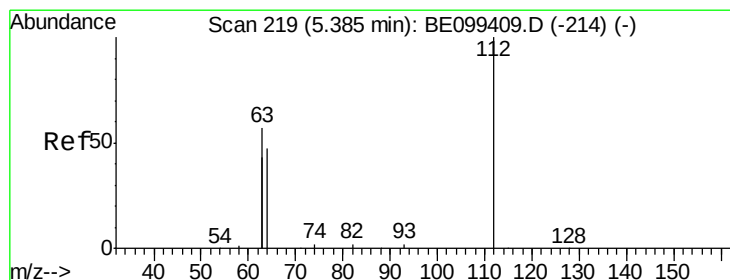
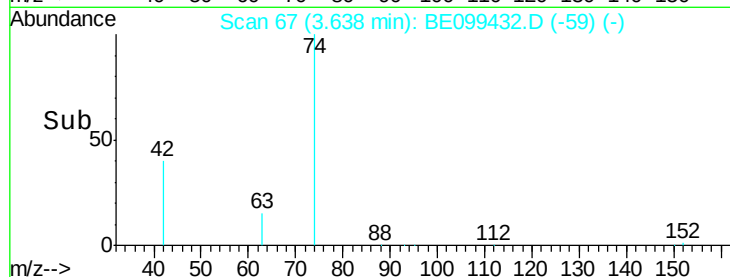
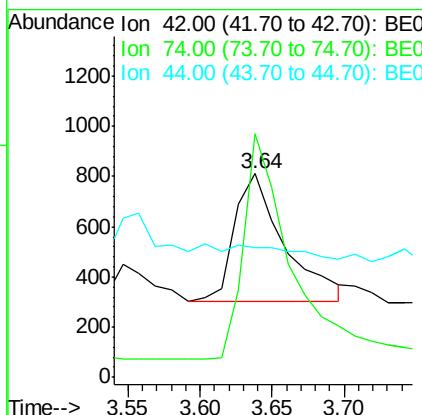
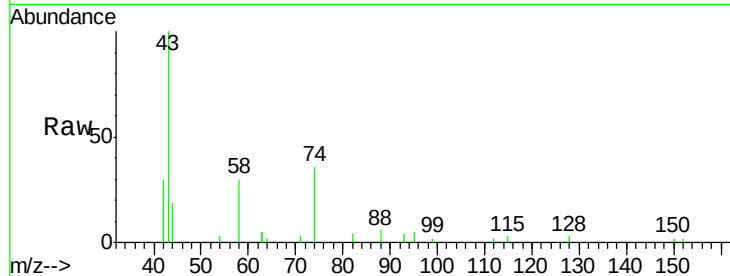


#3

n-Nitrosodimethylamine
 Concen: 0.513 ng
 RT: 3.64 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BE099432.D
 Acq: 30 Apr 2019 18:35

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B162-042319MSD

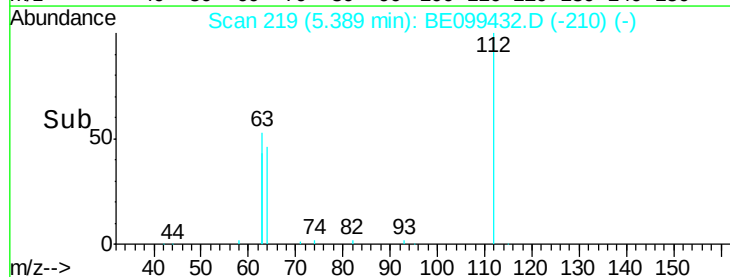
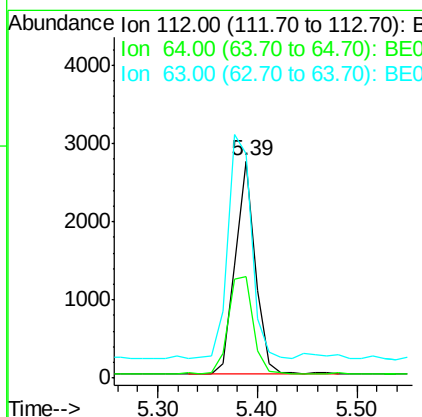
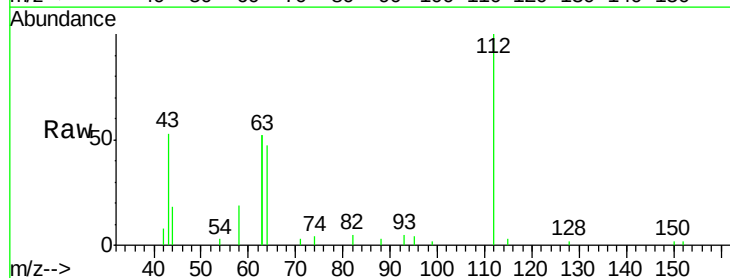
Tot Ion	42	Resp	1217
Ion Ratio	Lower	Upper	
42	100		
74	159.0	141.6	212.4
44	0.0	0.0	0.0

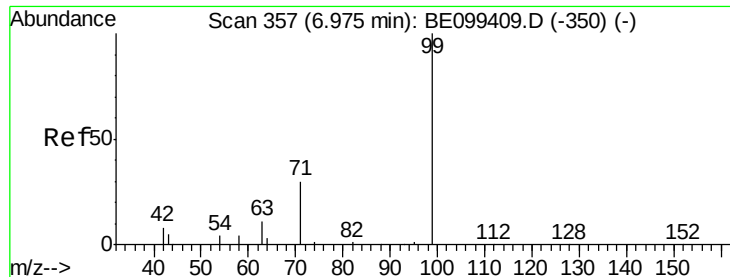


#4

2-Fluorophenol
 Concen: 0.485 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099432.D
 Acq: 30 Apr 2019 18:35

Tgt Ion	112	Resp	3836
Ion Ratio	Lower	Upper	
112	100		
64	55.2	47.4	71.0
63	122.9	104.3	156.5





#5

Phenol-d6

Concen: 0.508 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

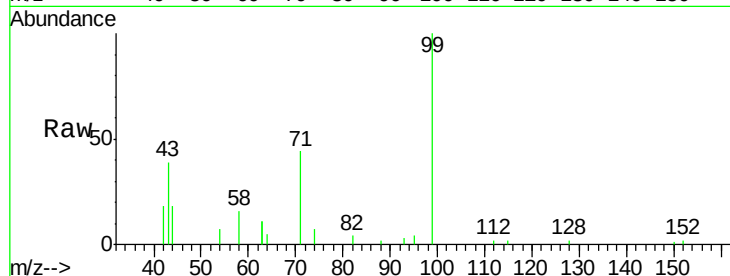
Tot Ion: 99 Resp: 5345

Ion Ratio Lower Upper

99 100

42 21.0 14.9 22.3

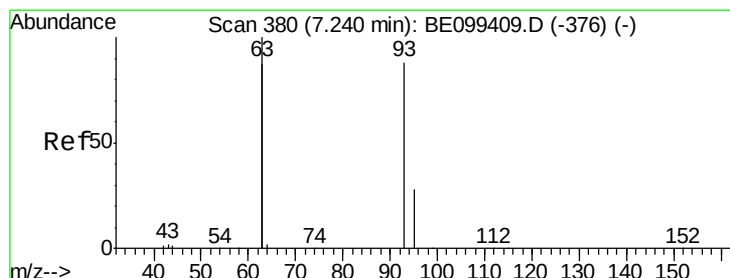
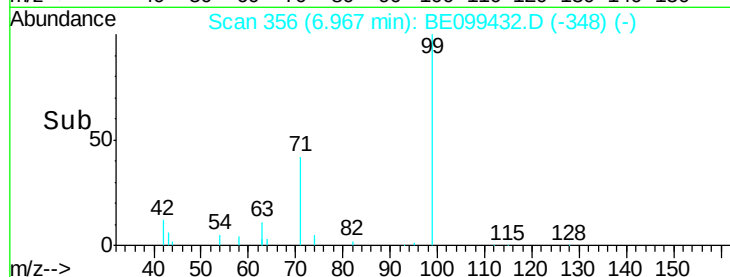
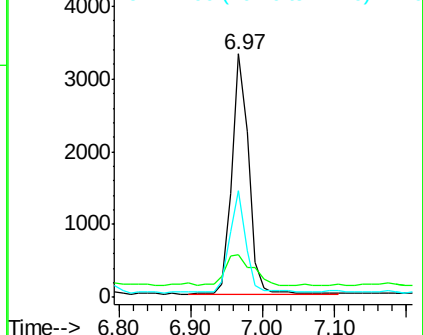
71 40.6 33.0 49.6



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: 0.457 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

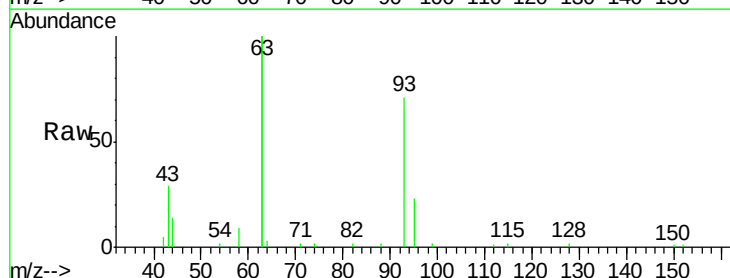
Tgt Ion: 93 Resp: 4147

Ion Ratio Lower Upper

93 100

63 268.7 215.6 323.4

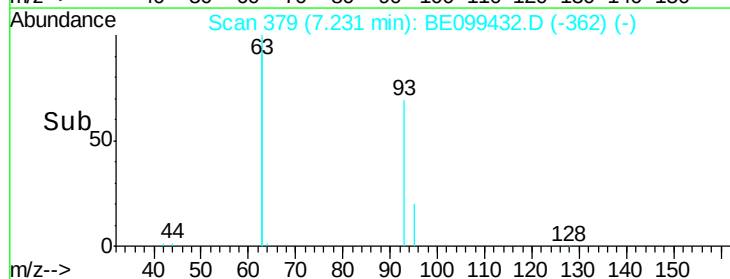
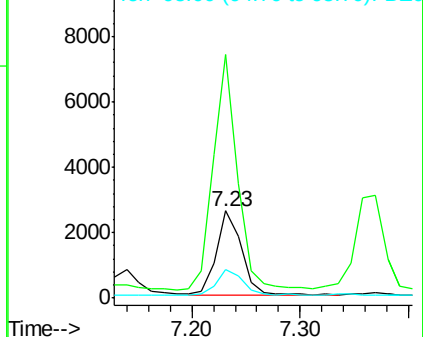
95 32.6 26.2 39.2

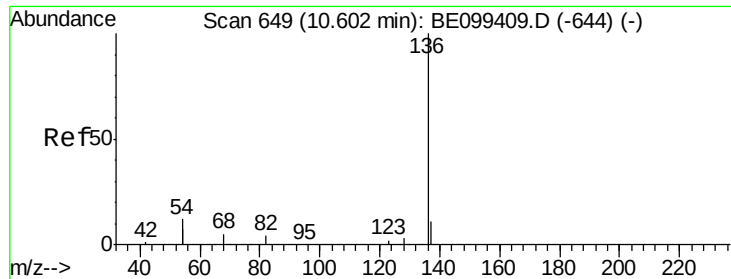


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

Tot Ion:136 Resp: 9801

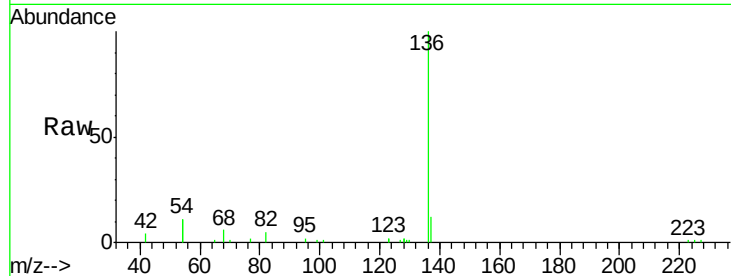
Ion Ratio Lower Upper

136 100

137 12.1 9.8 14.8

54 22.4 18.5 27.7

68 5.7 4.7 7.1

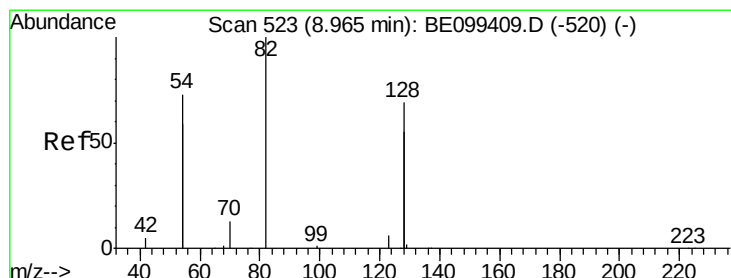
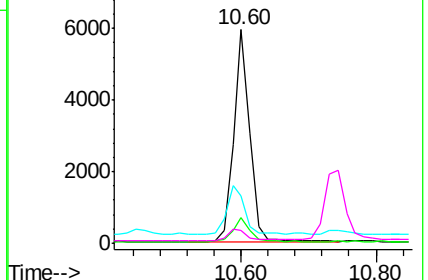
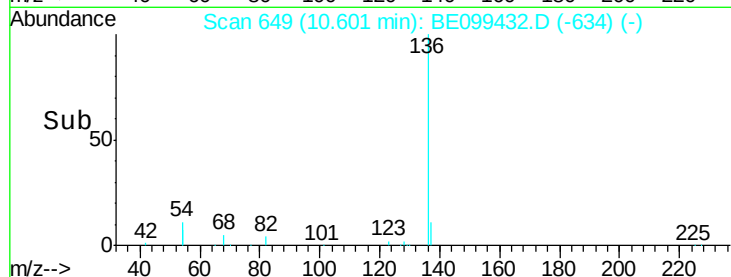


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.469 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

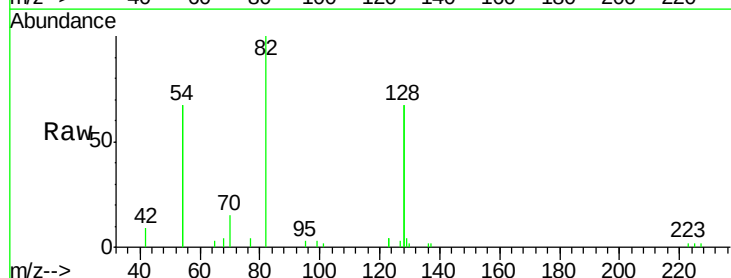
Tgt Ion: 82 Resp: 4311

Ion Ratio Lower Upper

82 100

128 133.3 107.0 160.4

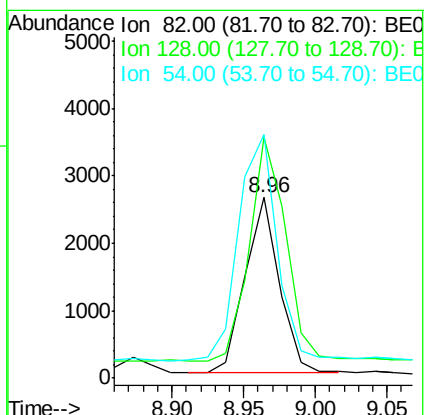
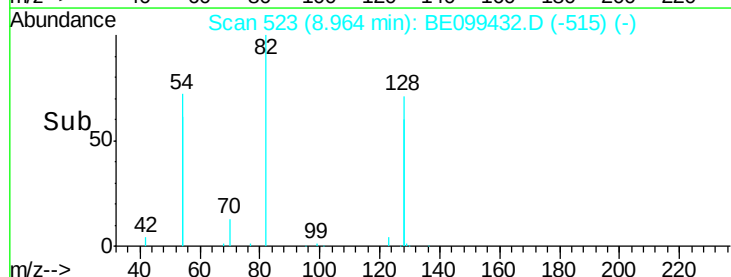
54 134.8 113.1 169.7

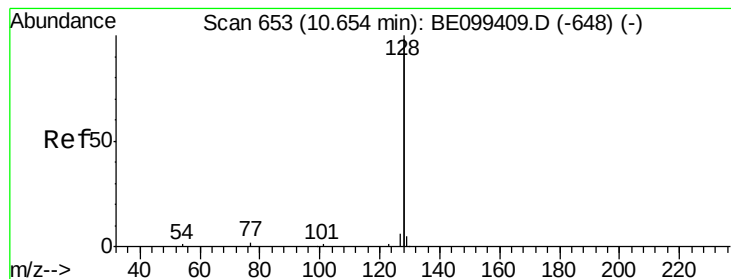


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.475 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099432.D

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ClientSampleId :

PST-004-B162-042319MSD

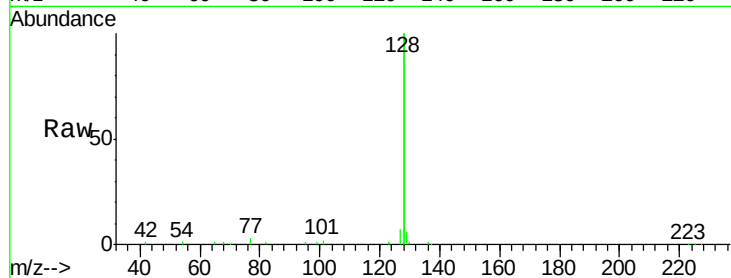
Tot Ion:128 Resp: 50697

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

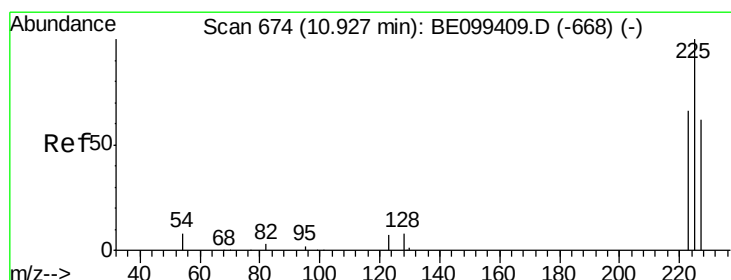
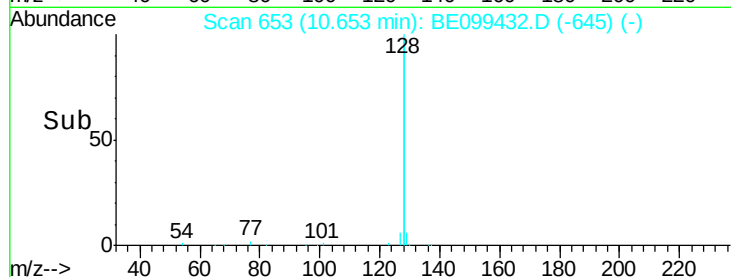
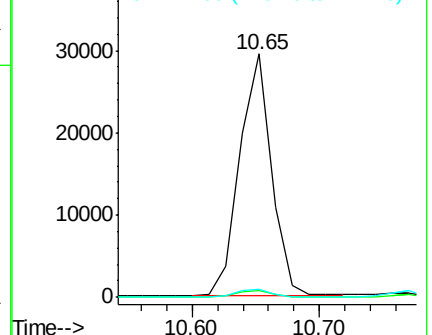
127 3.3 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.405 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

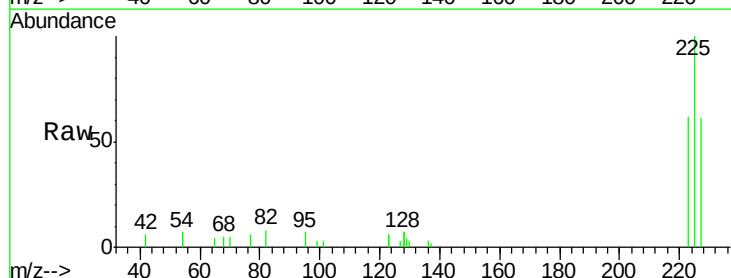
Tgt Ion:225 Resp: 3008

Ion Ratio Lower Upper

225 100

223 60.8 51.0 76.6

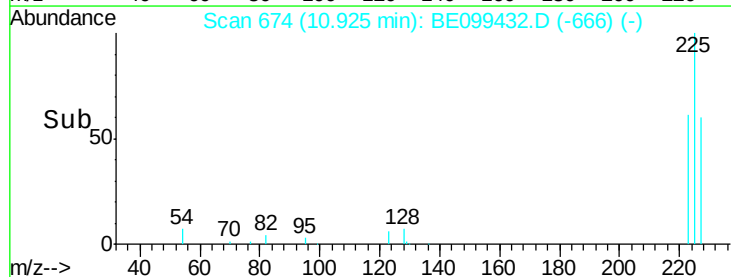
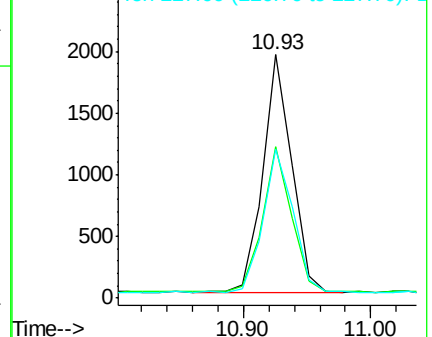
227 62.3 50.9 76.3

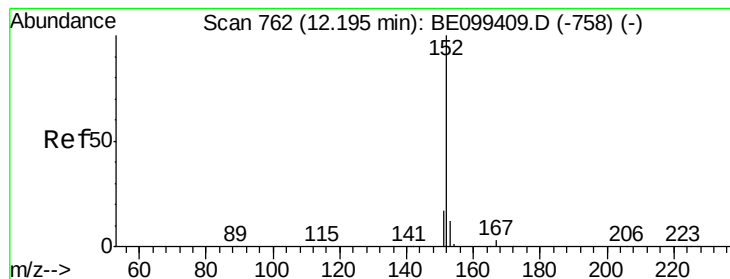


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.581 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

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ClientSampleId :

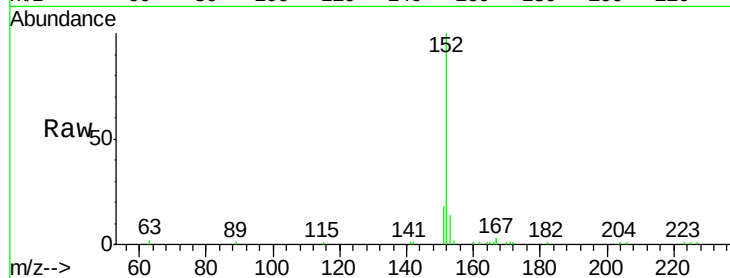
PST-004-B162-042319MSD

Tot Ion:152 Resp: 10254

Ion Ratio Lower Upper

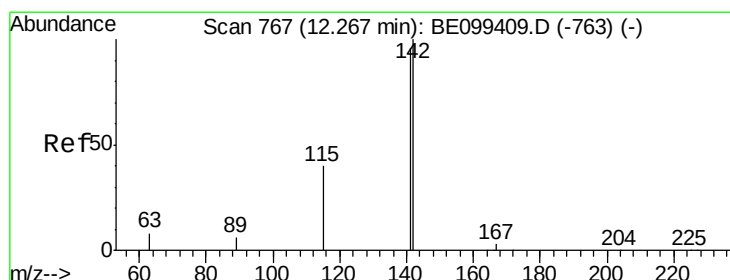
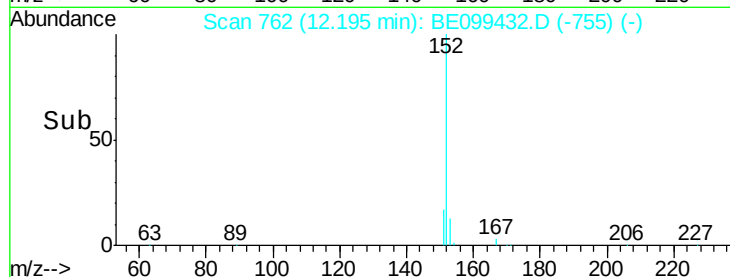
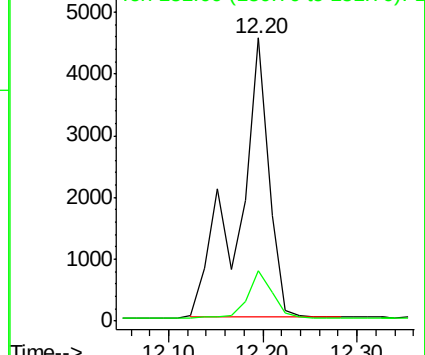
152 100

151 13.5 15.5 23.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.440 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

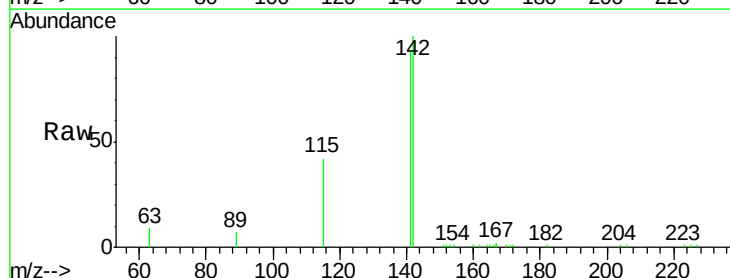
Tgt Ion:142 Resp: 8175

Ion Ratio Lower Upper

142 100

141 92.8 77.0 115.4

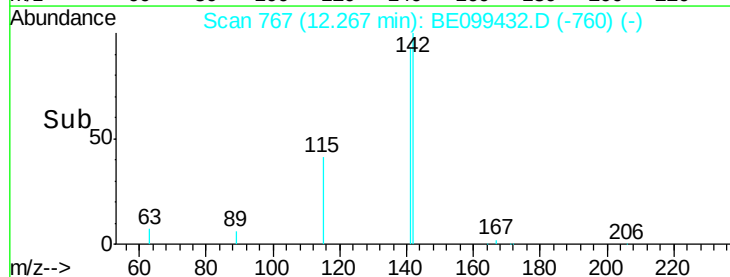
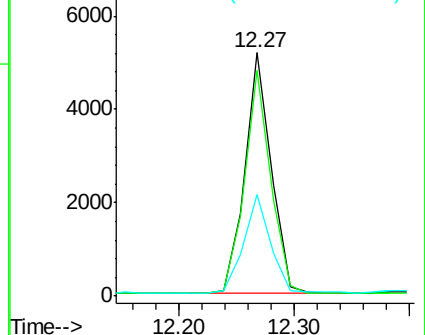
115 42.0 33.4 50.0

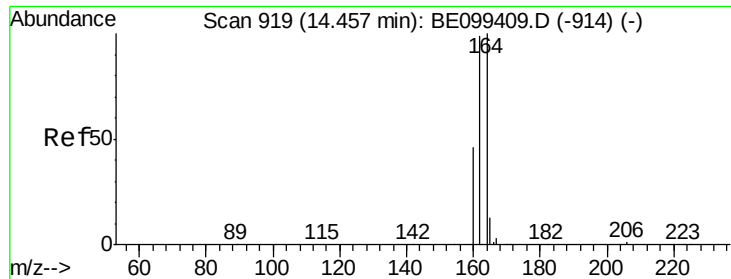


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

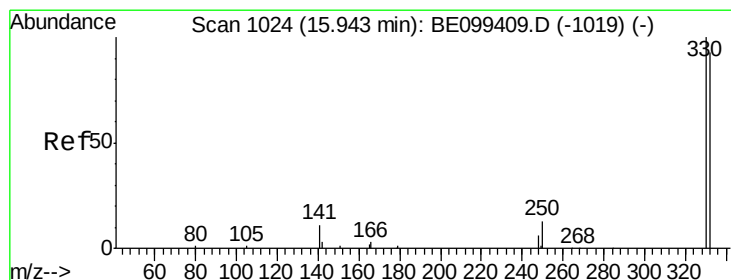
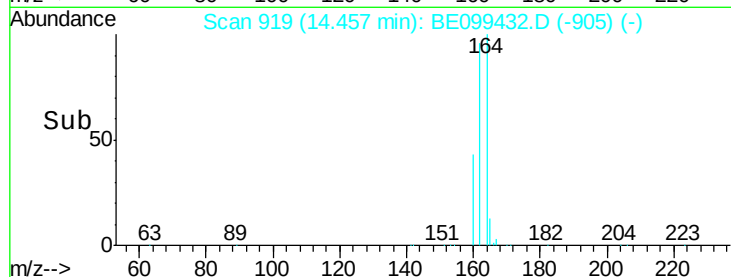
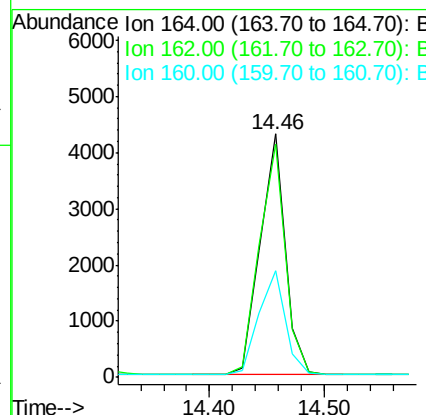
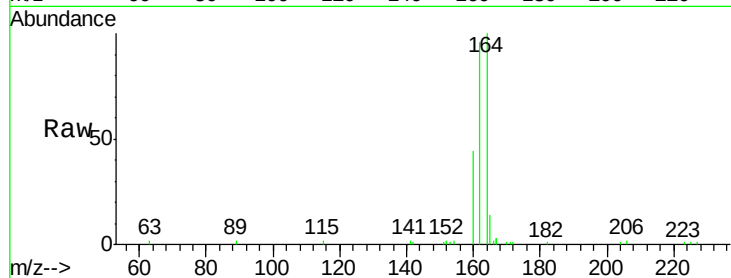




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099432.D
Acq: 30 Apr 2019 18:35

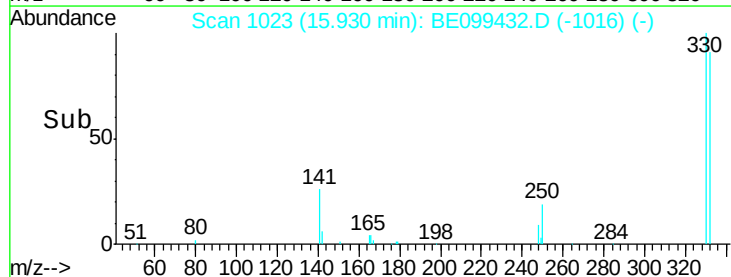
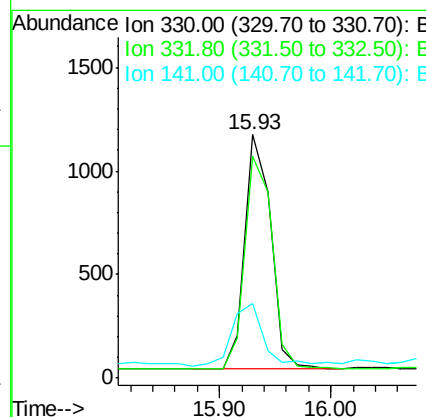
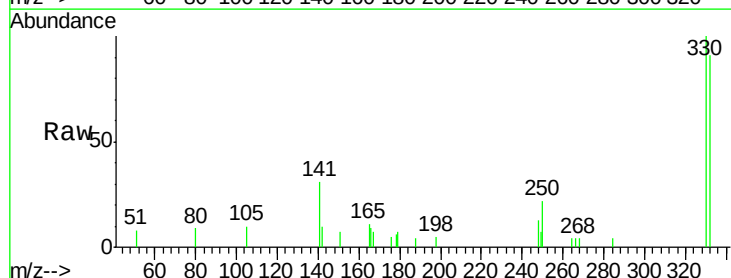
Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MSD

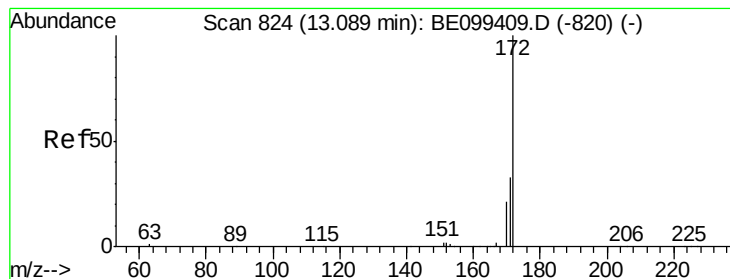
Tot Ion:164 Resp: 6469
Ion Ratio Lower Upper
164 100
162 95.8 79.0 118.4
160 43.6 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099432.D
Acq: 30 Apr 2019 18:35

Tgt Ion:330 Resp: 1834
Ion Ratio Lower Upper
330 100
332 95.8 71.5 107.3
141 33.2 24.0 36.0





#15

2-Fluorobiphenyl

Concen: 0.418 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

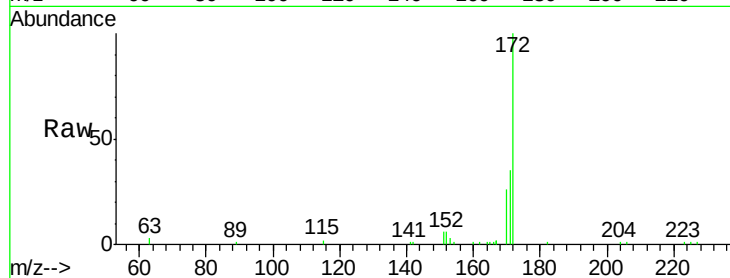
Tot Ion:172 Resp: 10326

Ion Ratio Lower Upper

172 100

171 35.3 26.6 39.8

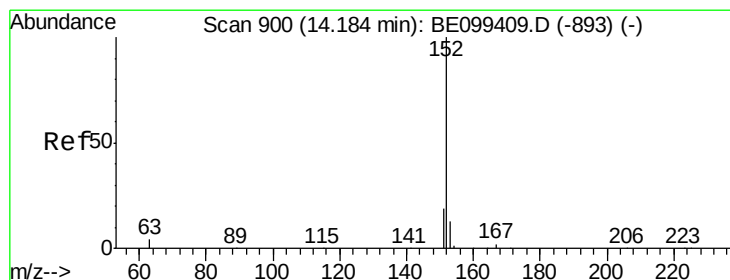
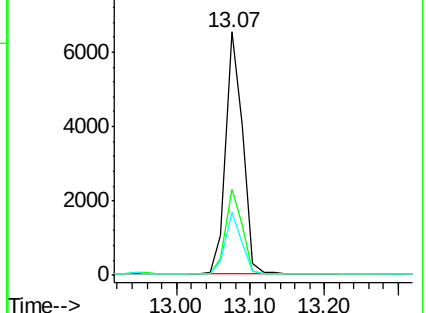
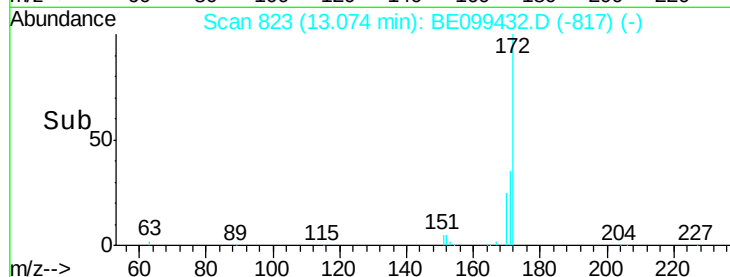
170 26.0 17.0 25.6#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.471 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

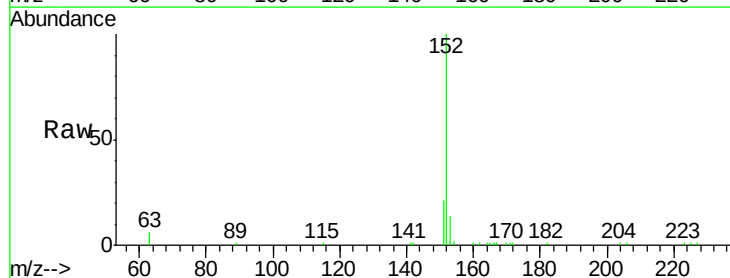
Tgt Ion:152 Resp: 14920

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2

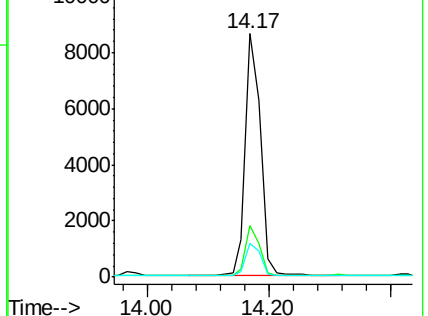
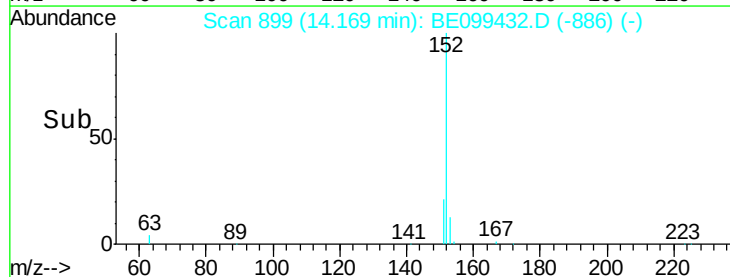
153 13.4 9.8 14.6

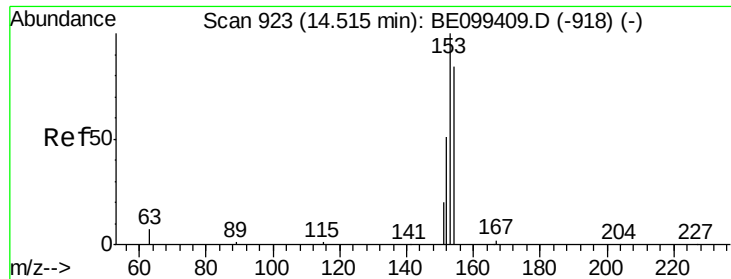


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

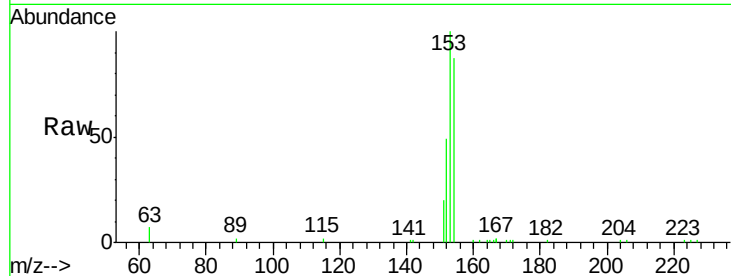




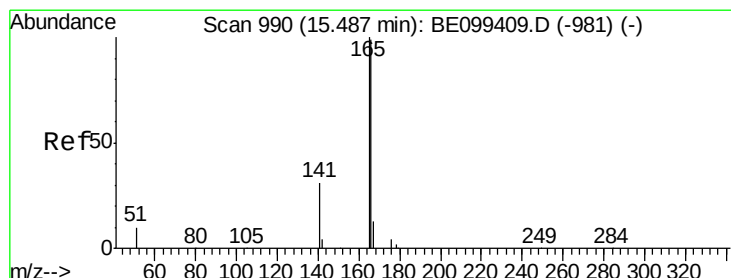
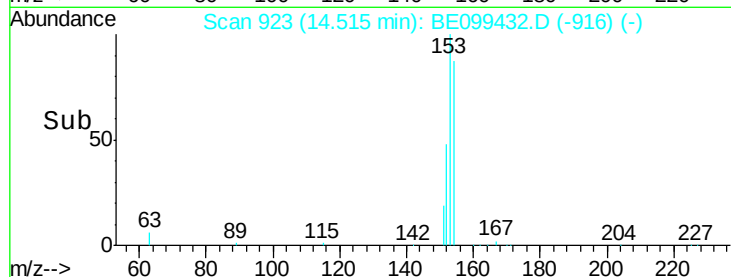
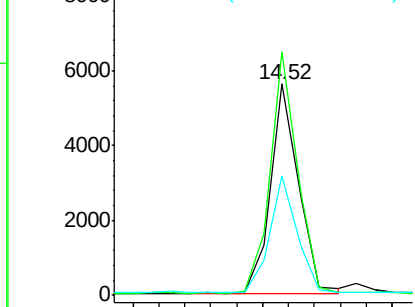
#17
Acenaphthene
Concen: 0.463 ng
RT: 14.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099432.D
Acq: 30 Apr 2019 18:35

Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MSD

Tot Ion:154 Resp: 8371
Ion Ratio Lower Upper
154 100
153 112.5 92.6 138.8
152 54.8 45.8 68.8

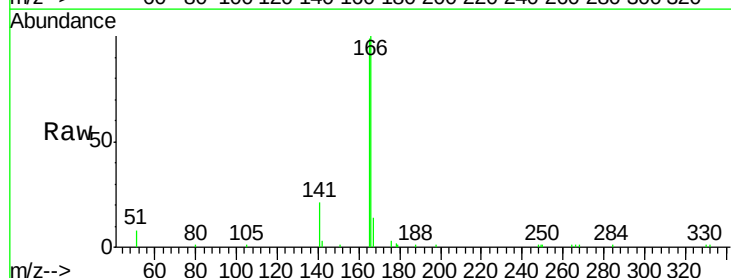


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

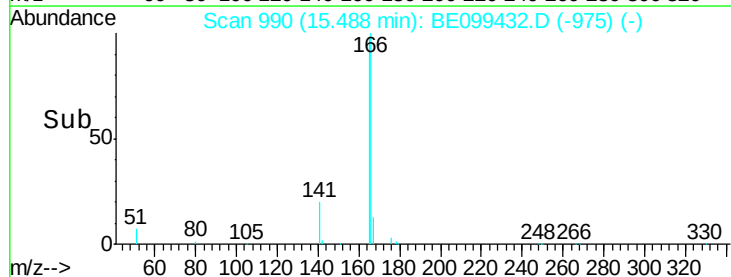
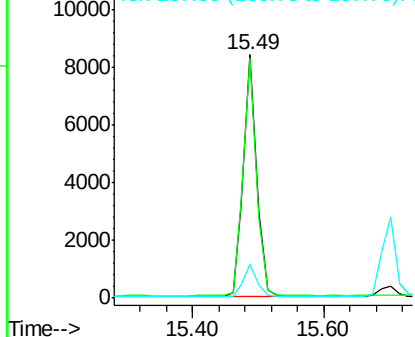


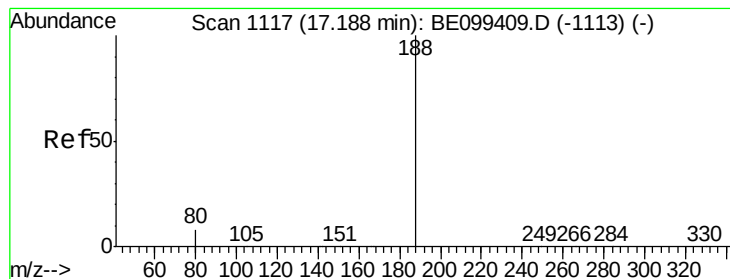
#18
Fluorene
Concen: 0.450 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099432.D
Acq: 30 Apr 2019 18:35

Tgt Ion:166 Resp: 11996
Ion Ratio Lower Upper
166 100
165 98.5 80.3 120.5
167 13.3 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

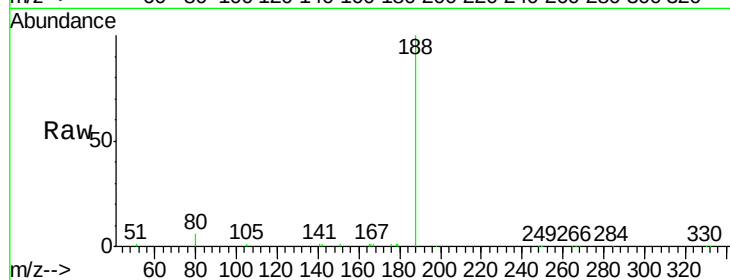
Tot Ion:188 Resp: 18383

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

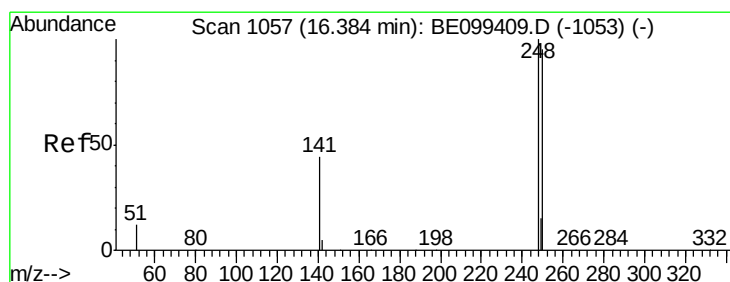
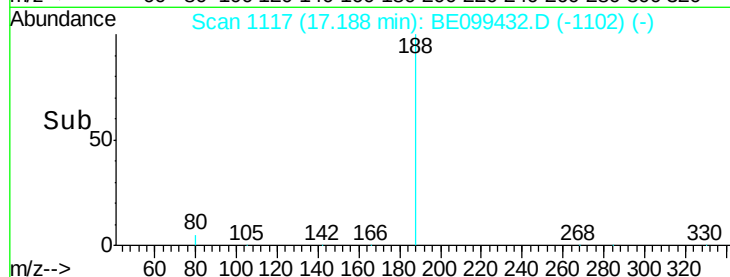
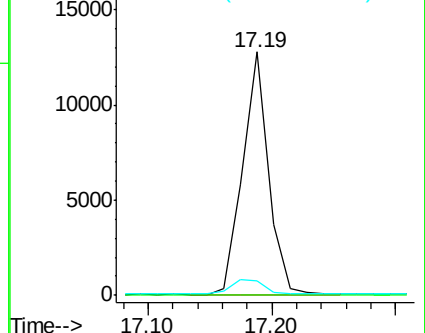
80 5.7 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.447 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

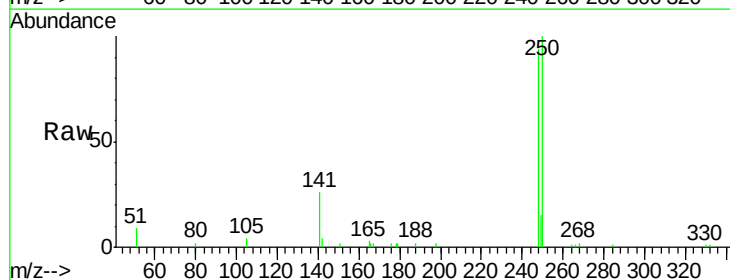
Tgt Ion:248 Resp: 4780

Ion Ratio Lower Upper

248 100

250 106.1 75.8 113.8

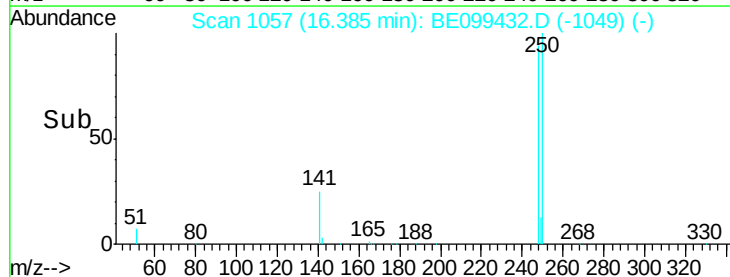
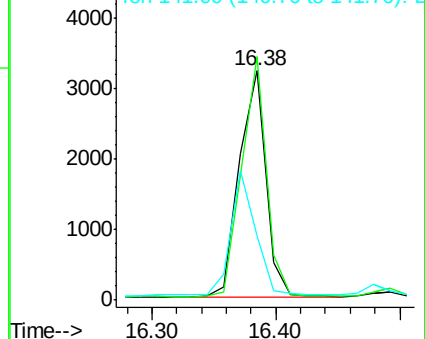
141 28.1 35.7 53.5#

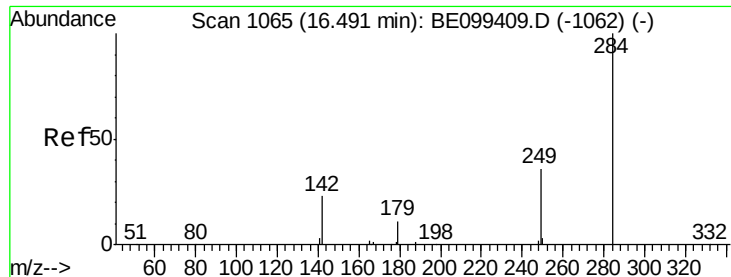


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.432 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

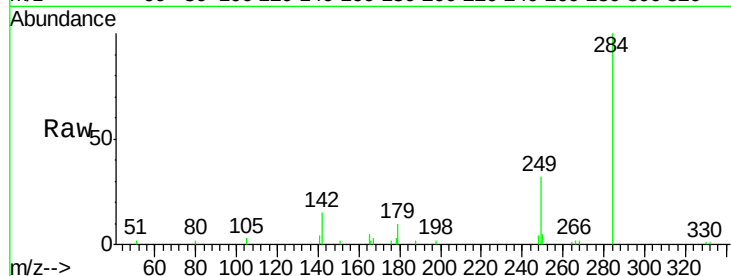
Tot Ion:284 Resp: 4411

Ion Ratio Lower Upper

284 100

142 26.6 21.0 31.6

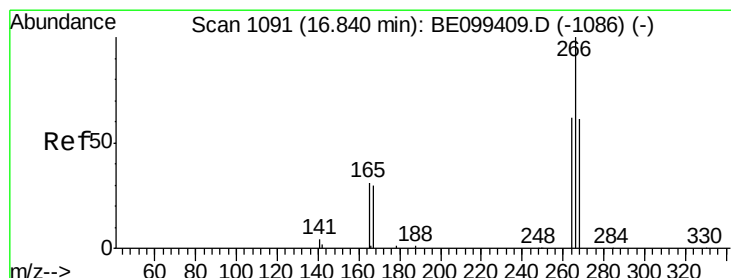
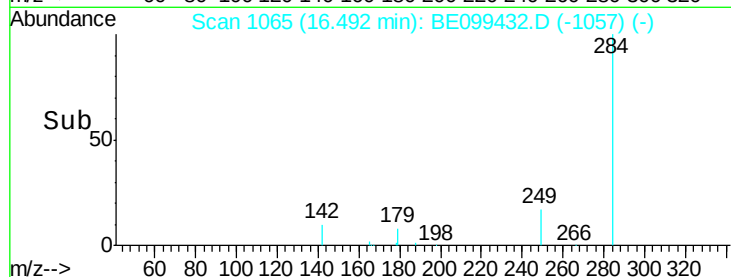
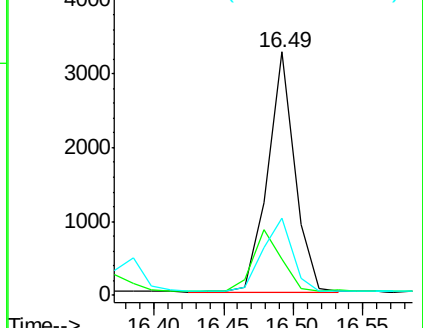
249 32.9 26.7 40.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.821 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

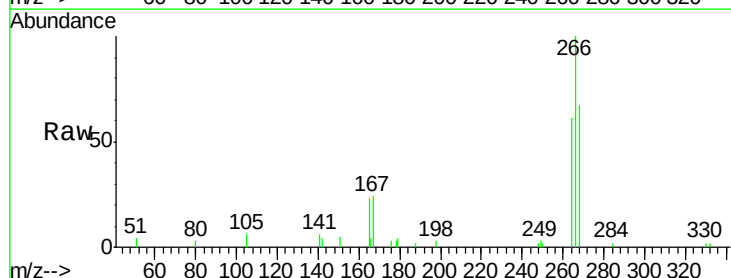
Tgt Ion:266 Resp: 3714

Ion Ratio Lower Upper

266 100

264 60.8 50.8 76.2

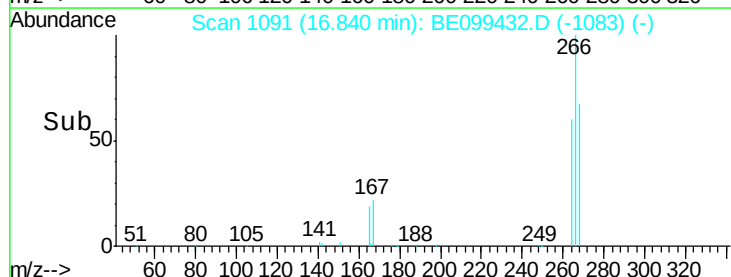
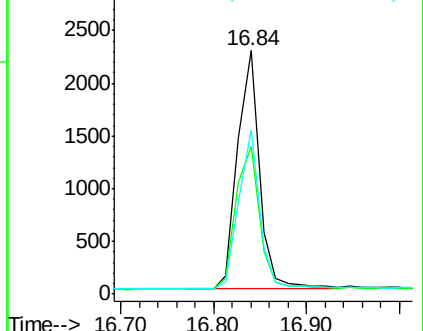
268 67.3 50.5 75.7

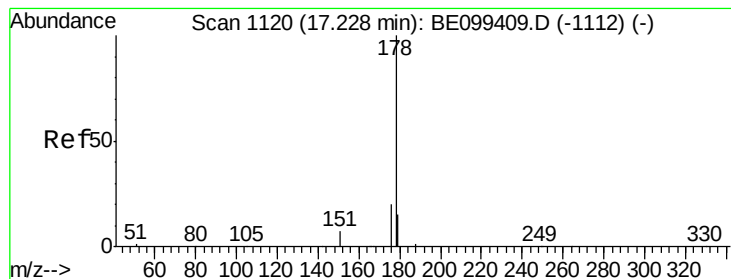


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.573 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

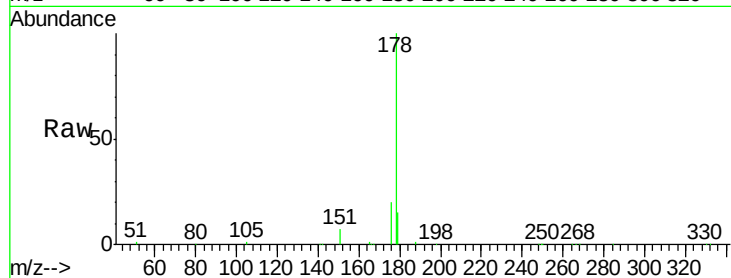
Tot Ion:178 Resp: 27203

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

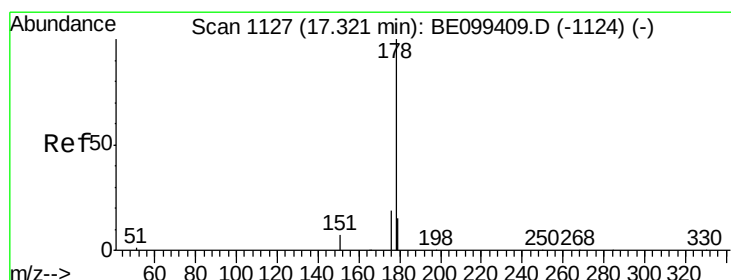
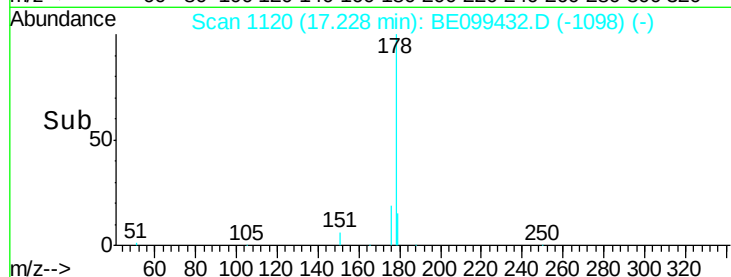
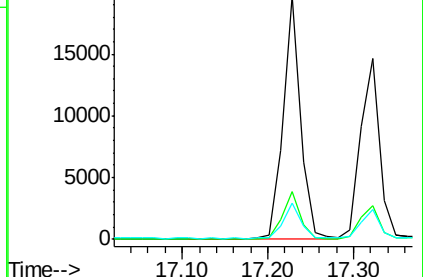
179 14.7 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.492 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

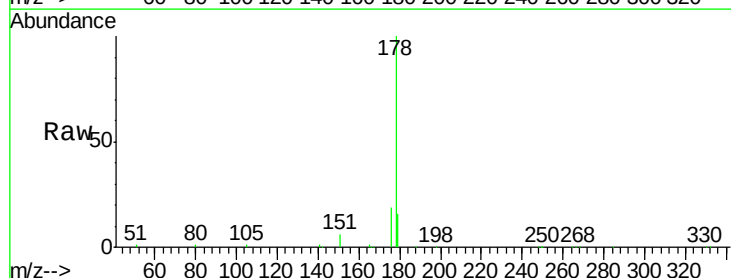
Tgt Ion:178 Resp: 22258

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

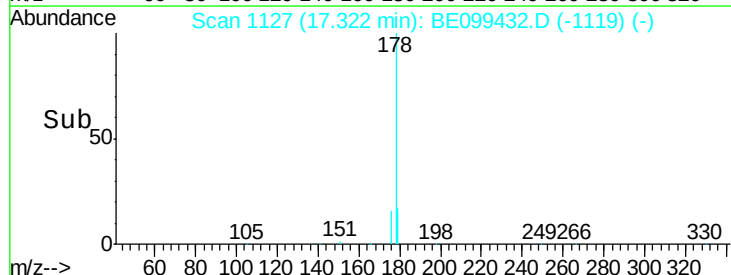
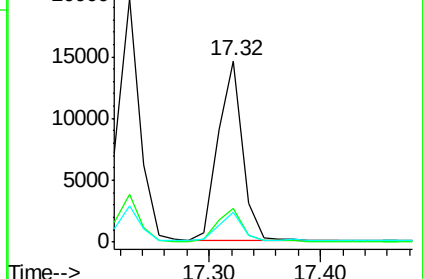
179 15.4 11.9 17.9

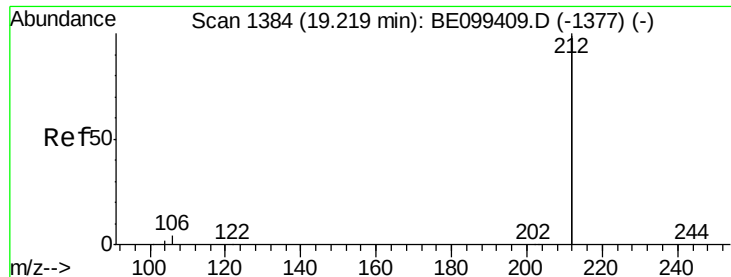


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

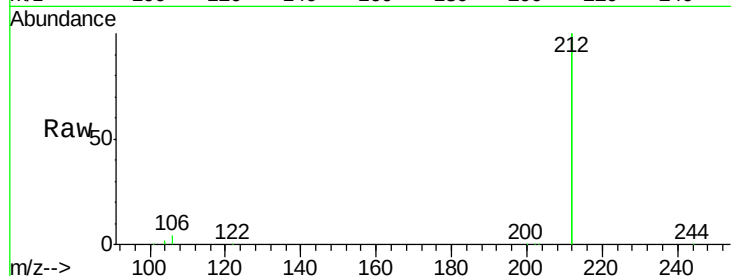
Tot Ion:212 Resp: 92191

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

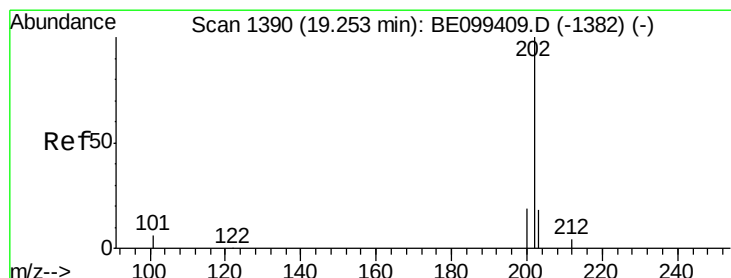
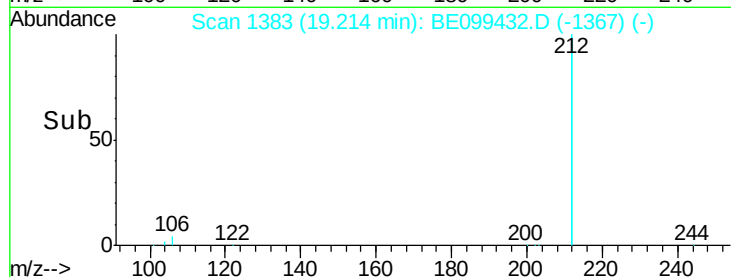
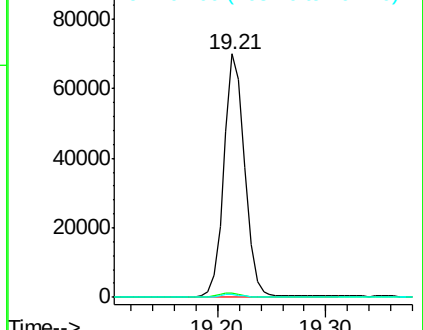
104 1.1 0.9 1.3



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: 0.602 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

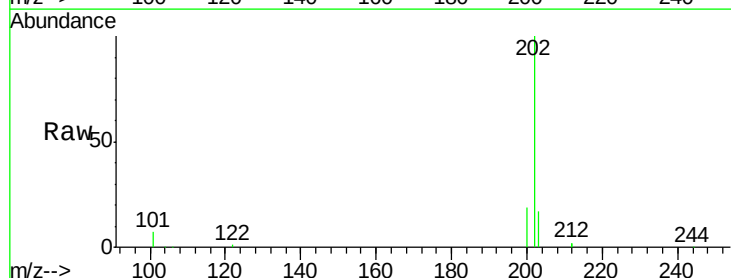
Tgt Ion:202 Resp: 42773

Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.0

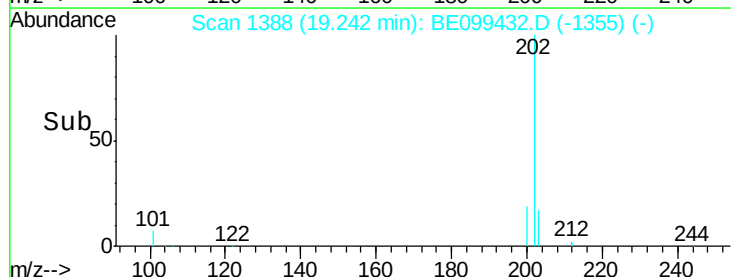
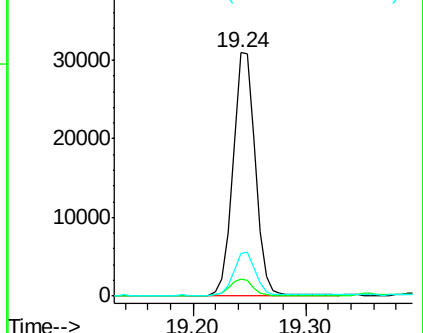
203 17.1 13.9 20.9

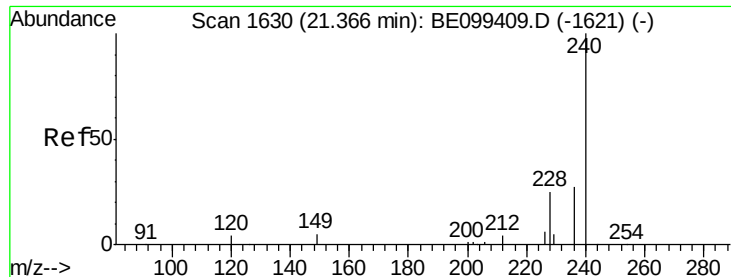


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

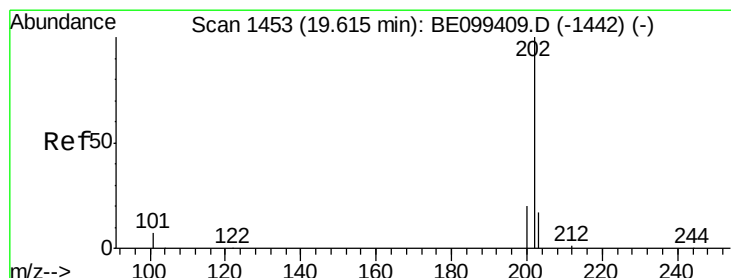
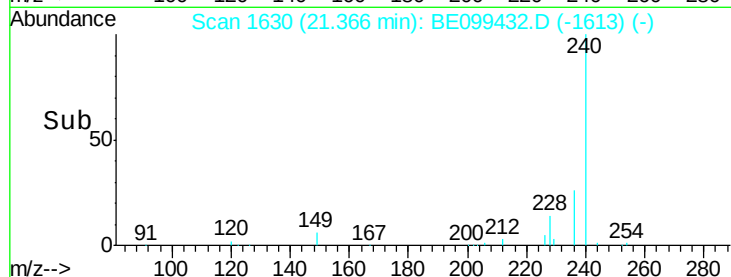
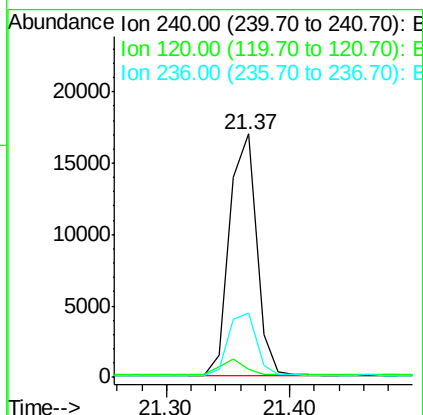
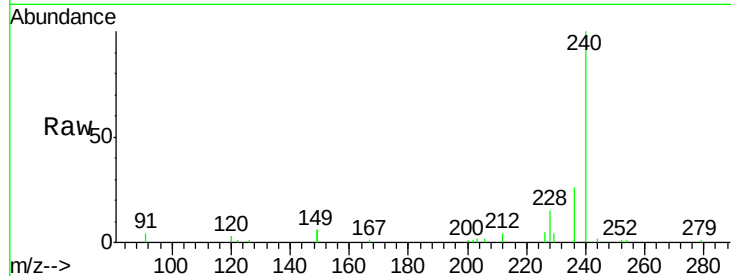




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099432.D
 Acq: 30 Apr 2019 18:35

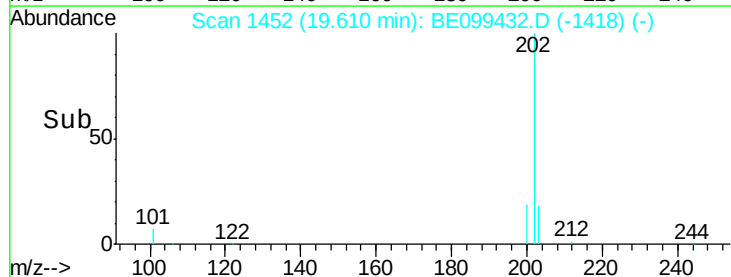
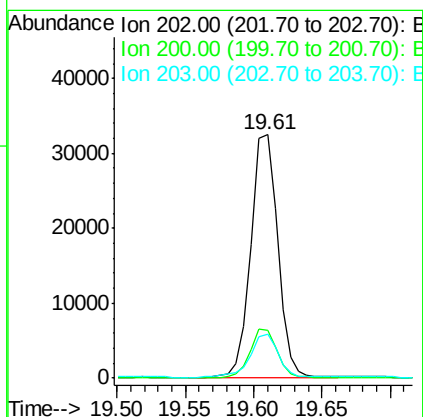
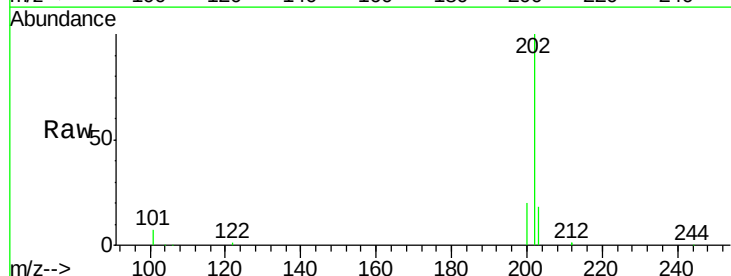
Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B162-042319MSD

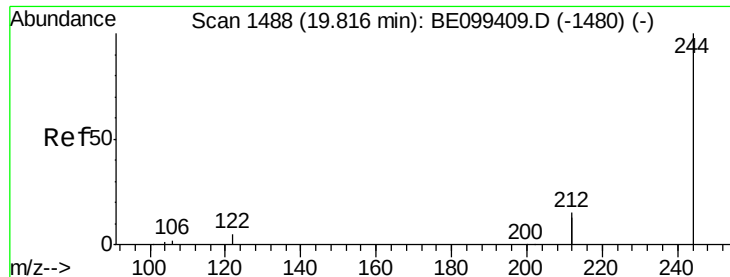
Tot Ion:240 Resp: 26003
 Ion Ratio Lower Upper
 240 100
 120 3.2 4.0 6.0#
 236 26.4 22.0 33.0



#28
 Pyrene
 Concen: 0.649 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099432.D
 Acq: 30 Apr 2019 18:35

Tgt Ion:202 Resp: 43972
 Ion Ratio Lower Upper
 202 100
 200 20.0 15.7 23.5
 203 18.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

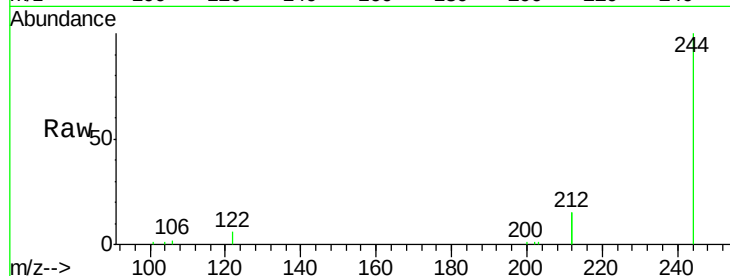
Tot Ion:244 Resp: 18487

Ion Ratio Lower Upper

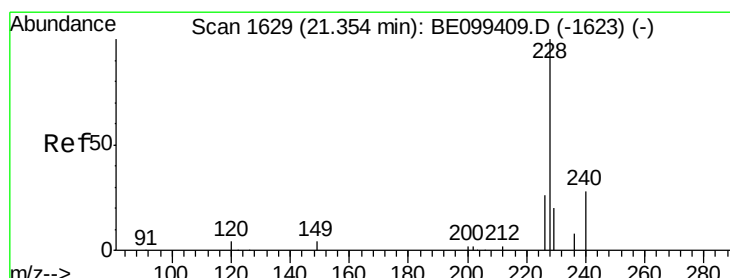
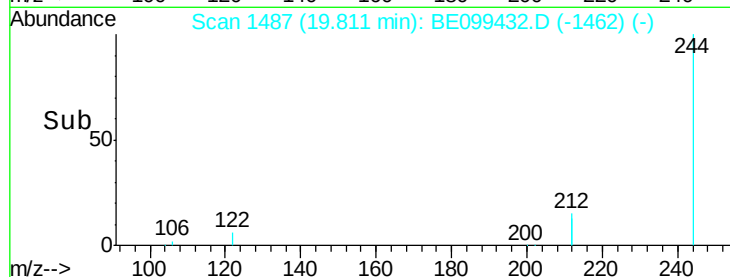
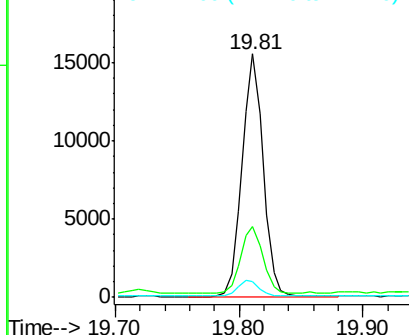
244 100

212 29.3 23.2 34.8

122 6.4 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: 0.595 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

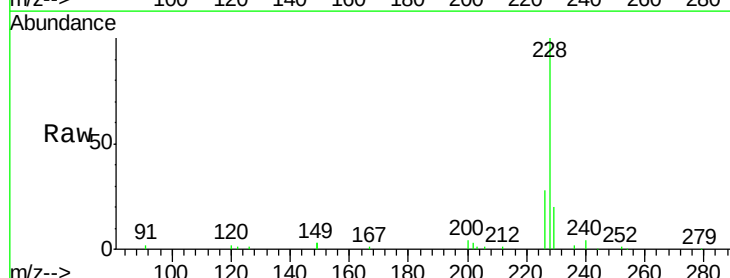
Tgt Ion:228 Resp: 49325

Ion Ratio Lower Upper

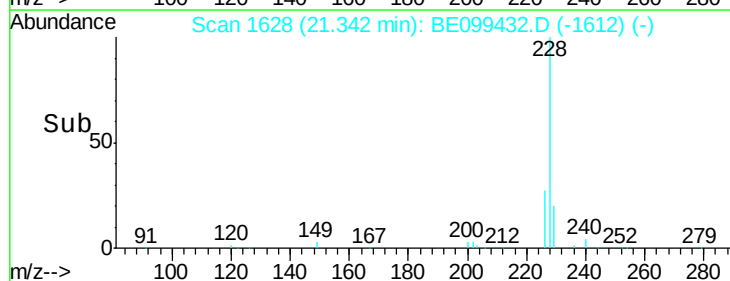
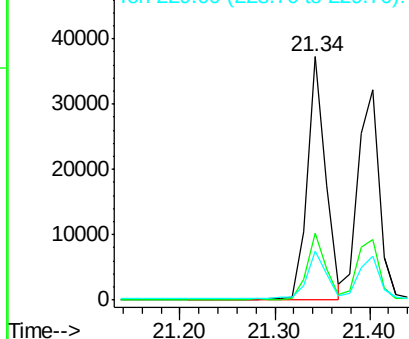
228 100

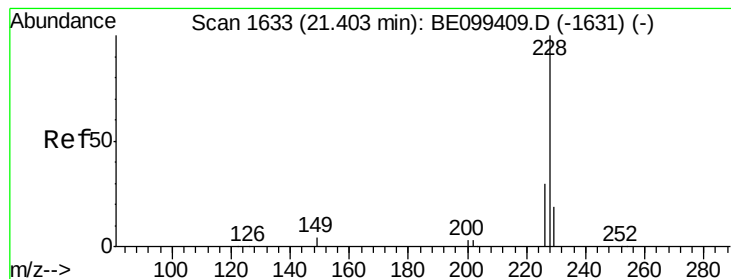
226 27.7 21.0 31.6

229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.611 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

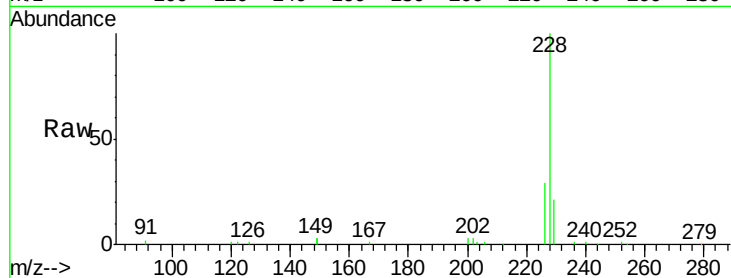
Tot Ion:228 Resp: 49530

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

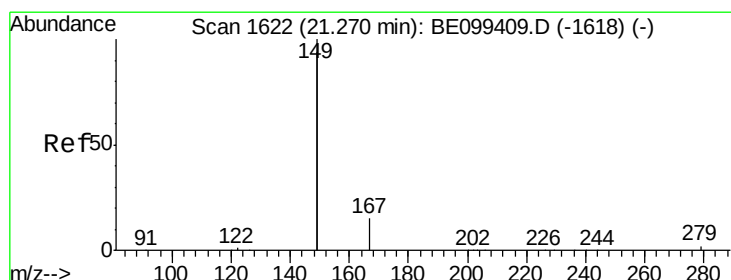
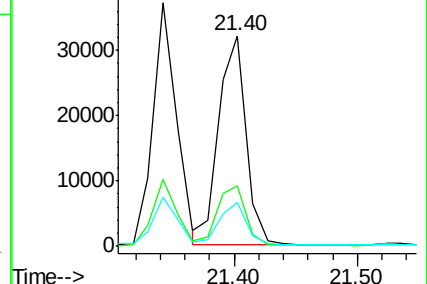
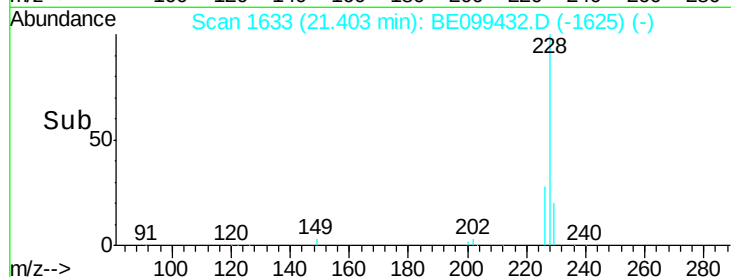
229 21.2 15.8 23.8



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: 0.458 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

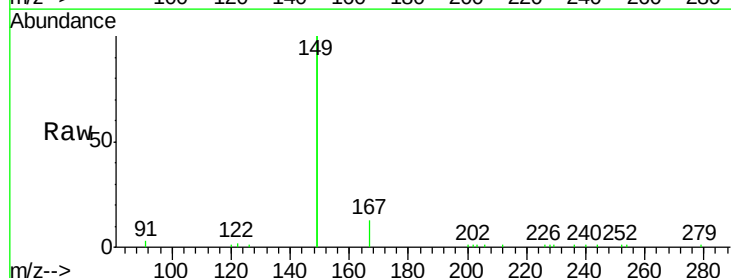
Tgt Ion:149 Resp: 61961

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.6

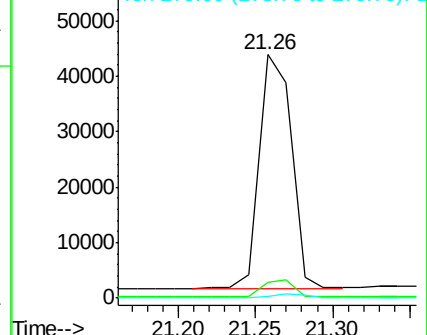
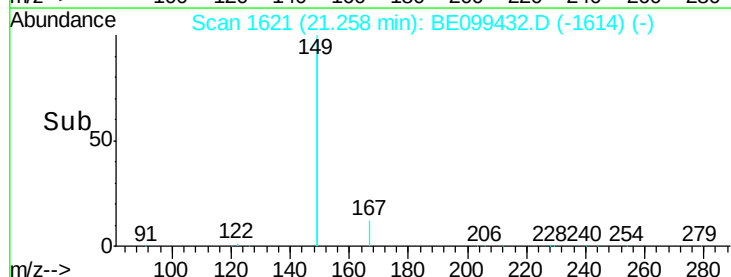
279 1.4 1.0 1.6

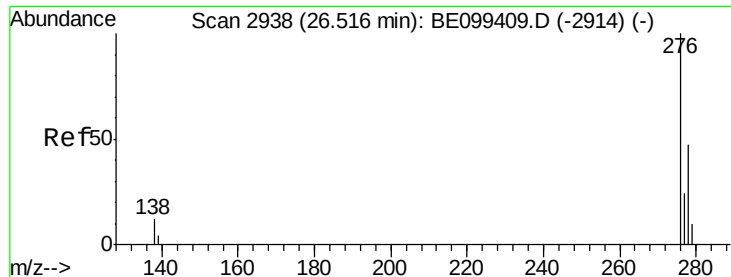


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.636 ng

RT: 26.50 min Scan# 2933

Delta R.T. -0.02 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

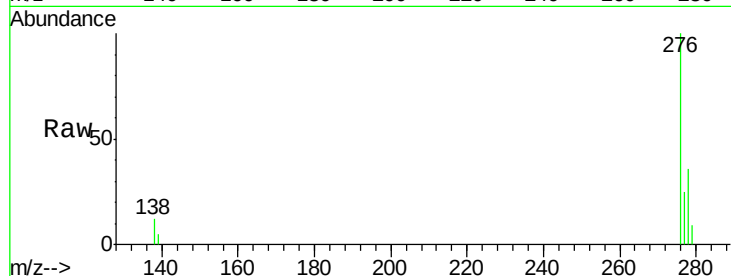
Tot Ion:276 Resp: 60899

Ion Ratio Lower Upper

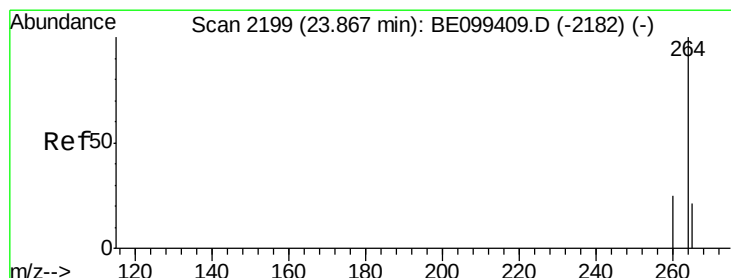
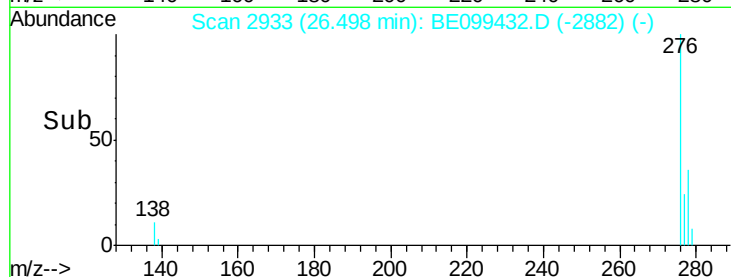
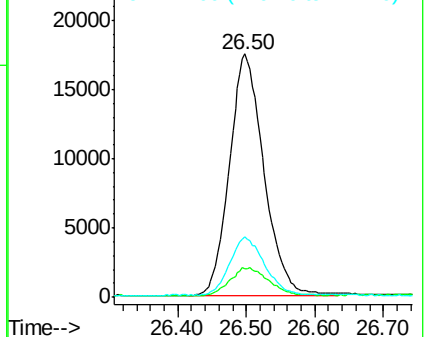
276 100

138 12.4 10.2 15.2

277 24.1 19.2 28.8



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

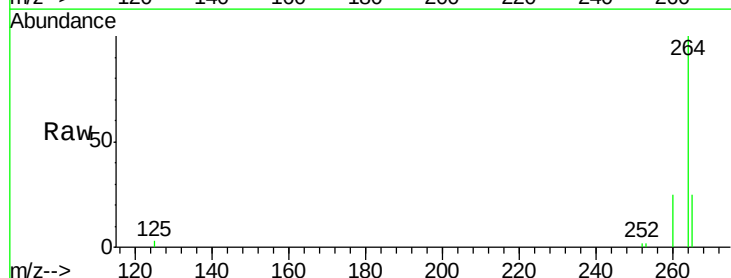
Tgt Ion:264 Resp: 35341

Ion Ratio Lower Upper

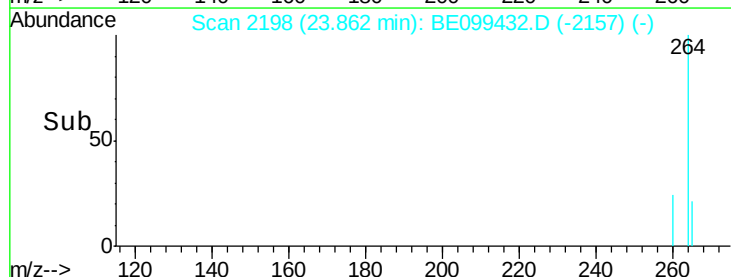
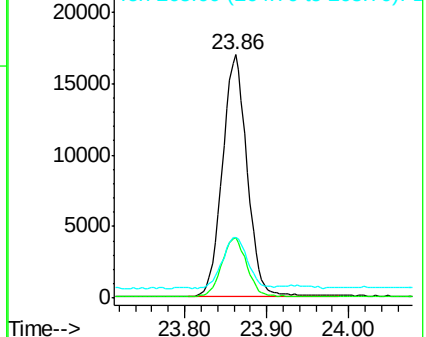
264 100

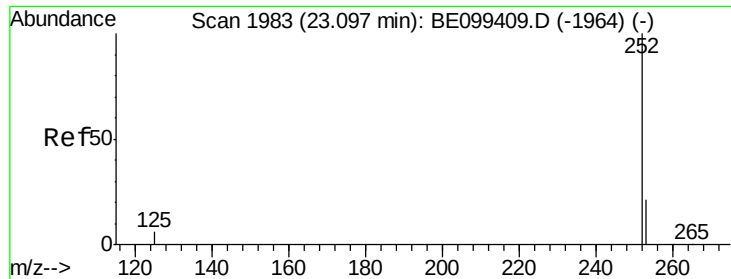
260 24.9 20.2 30.2

265 25.0 21.3 31.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

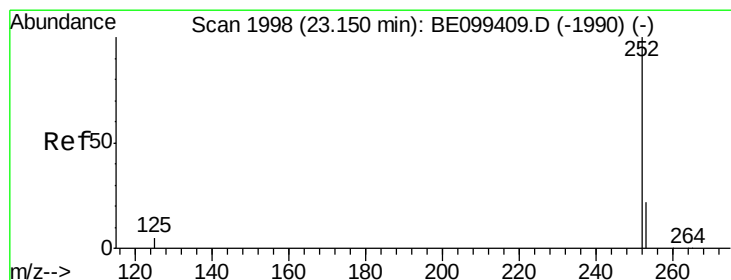
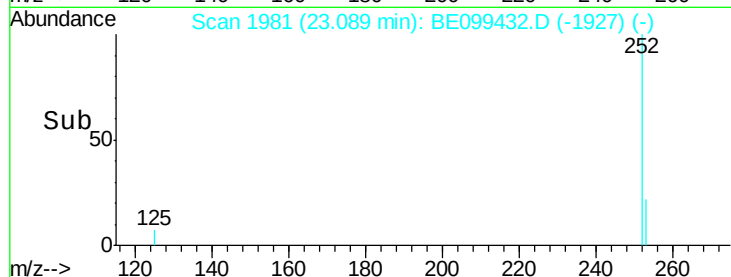
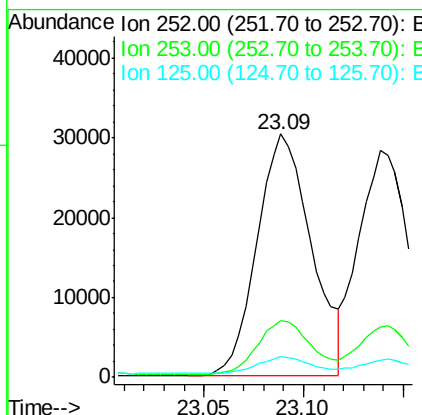
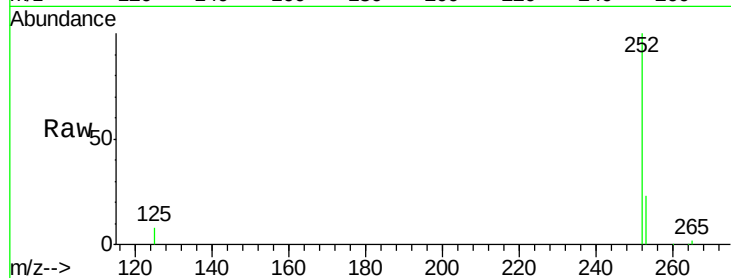




#35
Benzo(b)fluoranthene
Concen: 0.561 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BE099432.D
Acq: 30 Apr 2019 18:35

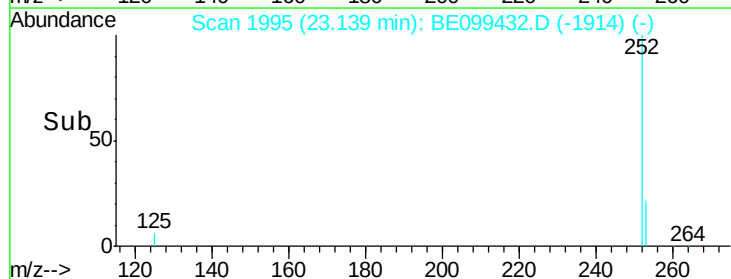
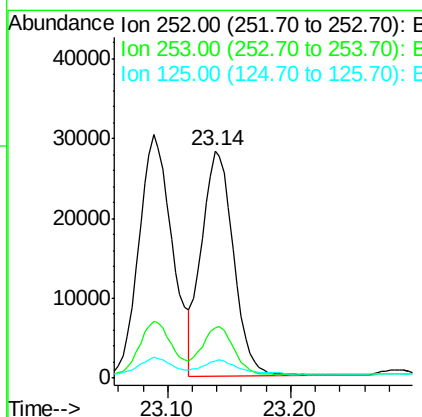
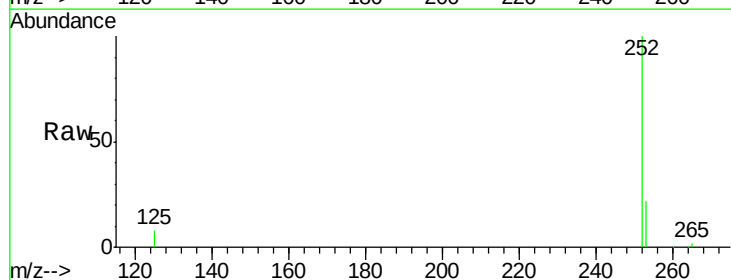
Instrument :
BNA_E
ClientSampleId :
PST-004-B162-042319MSD

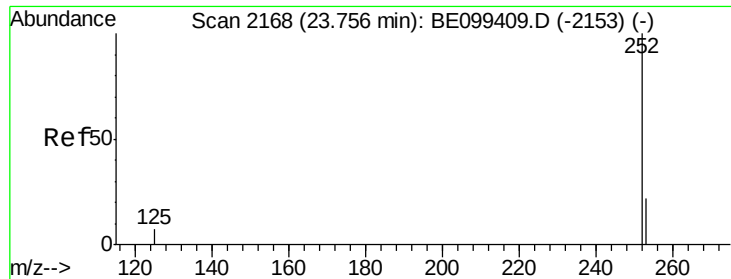
Tot Ion:252 Resp: 57164
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 8.4 5.6 8.4



#36
Benzo(k)fluoranthene
Concen: 0.515 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE099432.D
Acq: 30 Apr 2019 18:35

Tgt Ion:252 Resp: 50616
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 7.5 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.546 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD

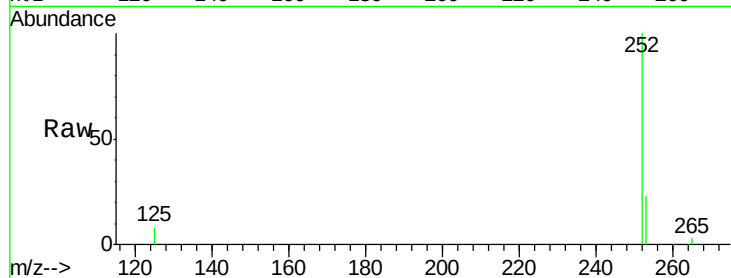
Tot Ion:252 Resp: 52605

Ion Ratio Lower Upper

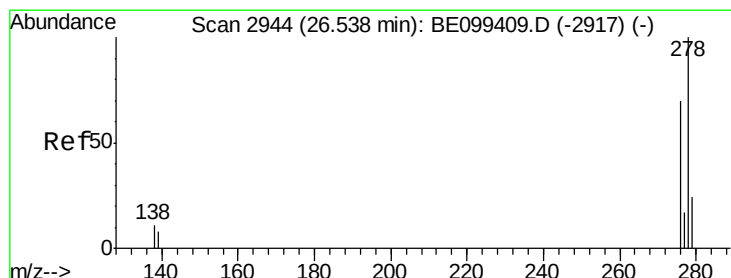
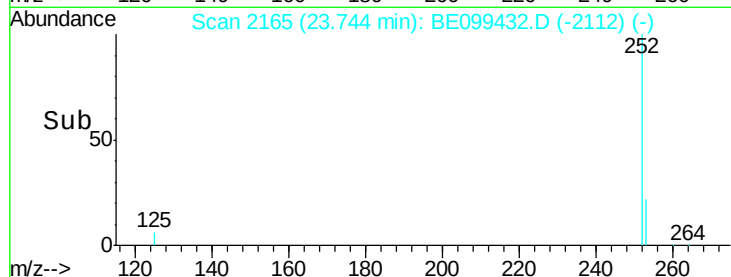
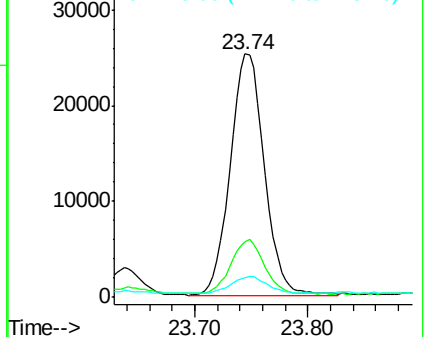
252 100

253 22.9 18.9 28.3

125 8.2 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: 0.475 ng

RT: 26.53 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BE099432.D

Acq: 30 Apr 2019 18:35

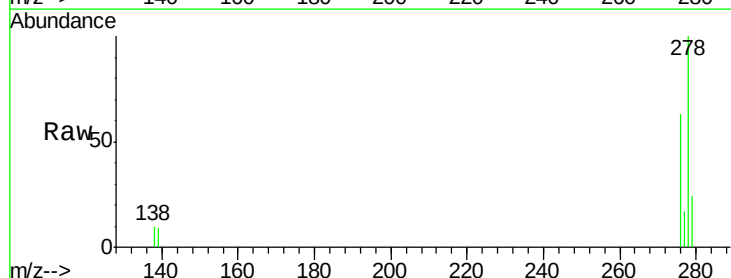
Tgt Ion:278 Resp: 46769

Ion Ratio Lower Upper

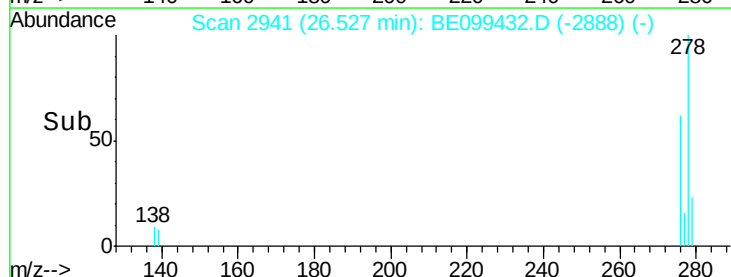
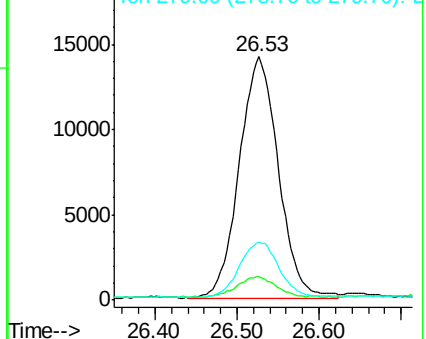
278 100

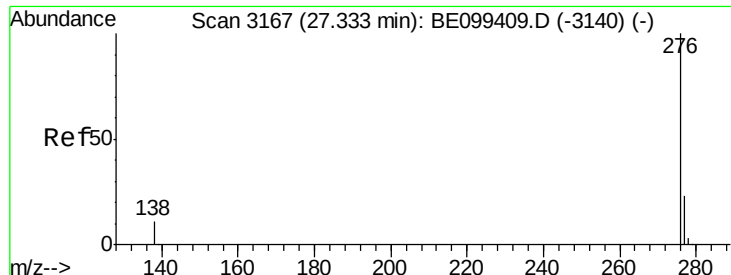
139 9.4 7.7 11.5

279 24.0 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: 0.530 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE099432.D

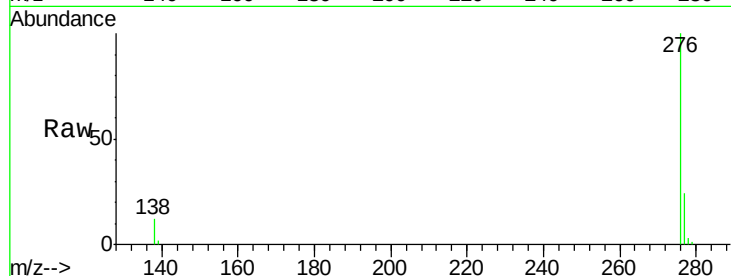
Acq: 30 Apr 2019 18:35

Instrument :

BNA_E

ClientSampleId :

PST-004-B162-042319MSD



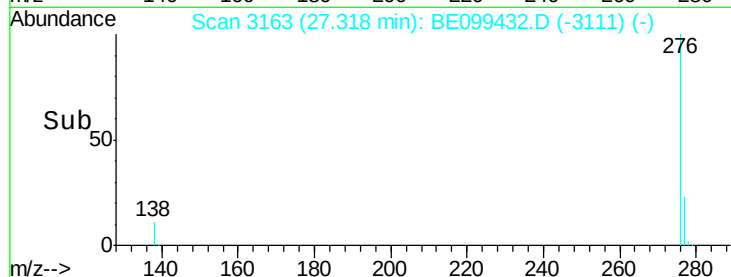
Tot Ion: 276 Resp: 52367

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 11.8 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

