

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
 Data File : BE099526.D
 Acq On : 3 May 2019 11:30
 Operator : JU/SJ
 Sample : K2588-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B170-042319

Quant Time: May 03 13:25:31 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	7.80	152	38	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	9	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	19	0.40	ng	0.00
19) Phenanthrene-d10	17.18	188	27	0.40	ng	-0.01
27) Chrysene-d12	21.33	240	32	0.40	ng	-0.04
34) Perylene-d12	23.81	264	19	0.40	ng	-0.05

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	1789	17.03	ng	0.00
5) Phenol-d6	6.98	99	2337	16.72	ng	0.00
8) Nitrobenzene-d5	8.96	82	1990	235.91	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	3886	239.65	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1838	153.57	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	6122	84.45	ng	0.00
25) Fluoranthene-d10	19.22	212	100072	275.00	ng	0.00
29) Terphenyl-d14	19.82	244	22446	383.02	ng	0.00

Target Compounds

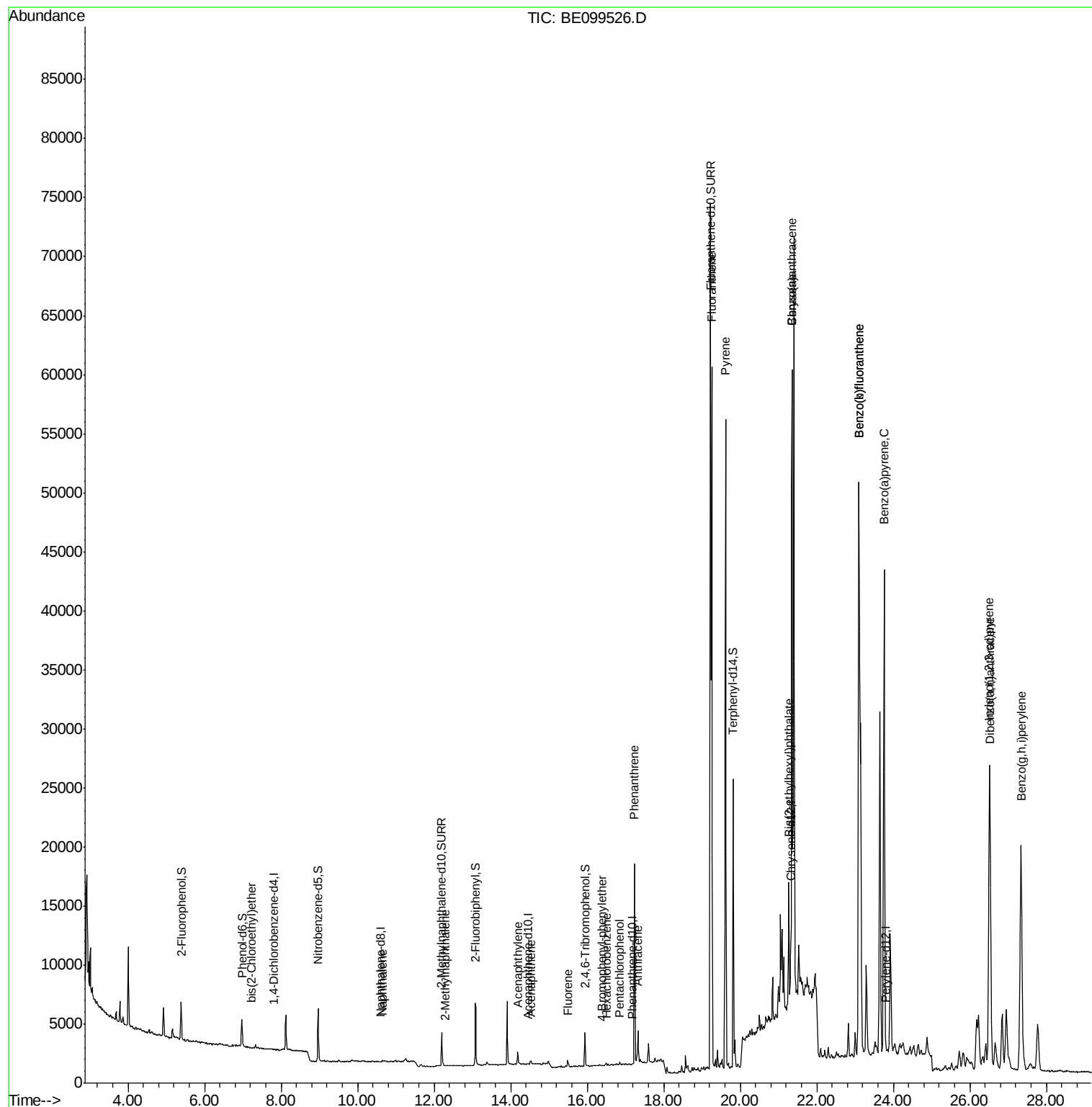
						Qvalue
6) bis(2-Chloroethyl)ether	7.22	93	54	0.448	ng	# 1
9) Naphthalene	10.65	128	230	2.345	ng	# 58
12) 2-Methylnaphthalene	12.28	142	25	1.466	ng	# 54
16) Acenaphthylene	14.18	152	1606	17.273	ng	98
17) Acenaphthene	14.53	154	165	3.108	ng	96
18) Fluorene	15.49	166	482	6.153	ng	# 78
20) 4-Bromophenyl-phenylether	16.39	248	30	1.909	ng	# 52
21) Hexachlorobenzene	16.49	284	36	2.403	ng	# 66
22) Pentachlorophenol	16.84	266	101	11.417	ng	# 72
23) Phenanthrene	17.23	178	18992	272.597	ng	99
24) Anthracene	17.32	178	2902	43.701	ng	# 92
26) Fluoranthene	19.25	202	53885	516.345	ng	100
28) Pyrene	19.61	202	51961	622.929	ng	# 96
30) Benzo(a)anthracene	21.35	228	53235	522.135	ng	97
31) Chrysene	21.35	228	51512	516.303	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	12499	86.853	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.51	276	51660	438.099	ng	97
35) Benzo(b)fluoranthene	23.10	252	94938	1732.870	ng	97
36) Benzo(k)fluoranthene	23.10	252	94938	1797.071	ng	98
37) Benzo(a)pyrene	23.76	252	66475	1283.434	ng	99
38) Dibenzo(a,h)anthracene	26.53	278	13837	261.163	ng	# 90
39) Benzo(g,h,i)perylene	27.34	276	50715	955.403	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: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

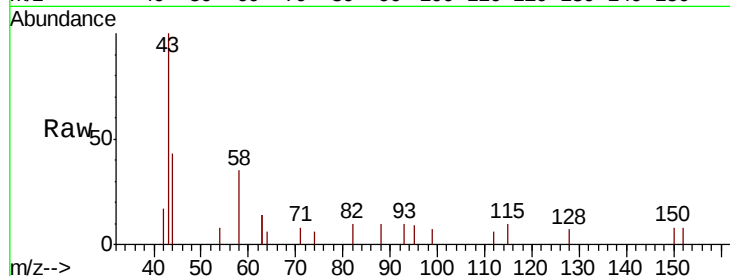
Tgt Ion:152 Resp: 38

Ion Ratio Lower Upper

152 100

150 97.0 104.8 157.2#

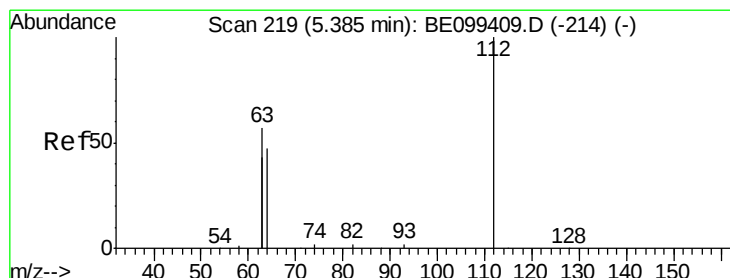
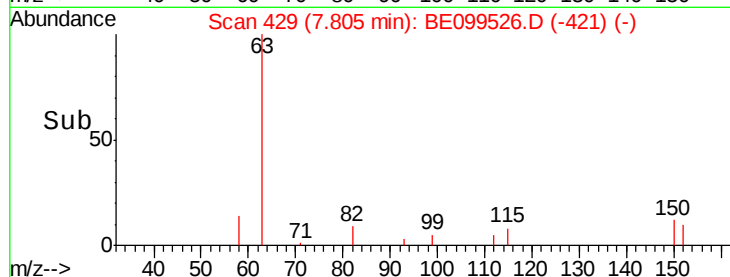
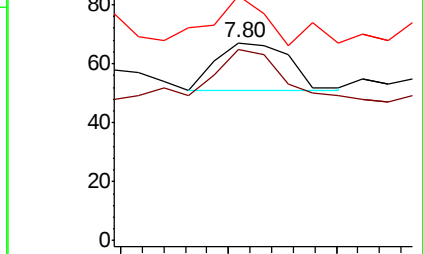
115 123.9 46.6 69.8#



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



#4

2-Fluorophenol

Concen: 17.027 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

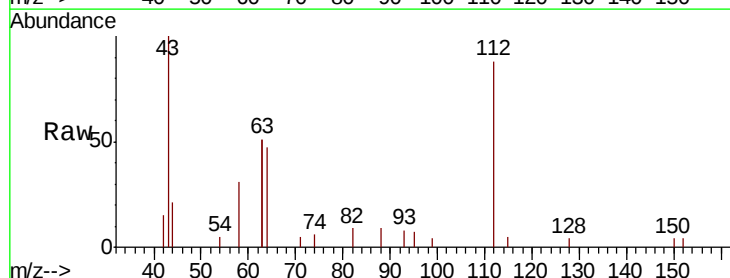
Tgt Ion:112 Resp: 1789

Ion Ratio Lower Upper

112 100

64 58.4 47.4 71.0

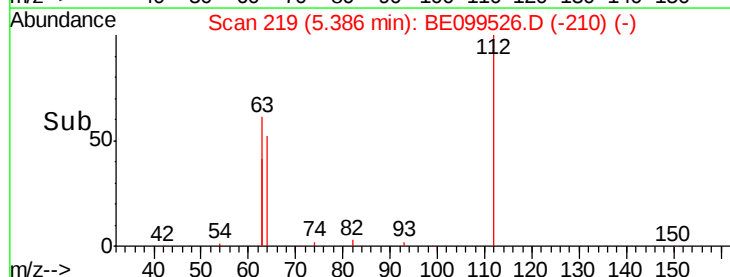
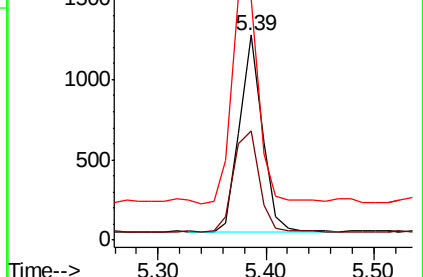
63 126.3 104.3 156.5



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: 16.723 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

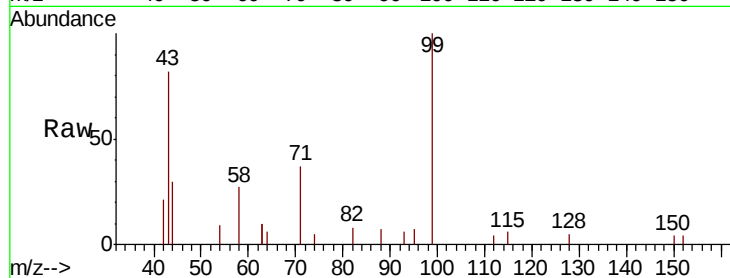
Tgt Ion: 99 Resp: 2337

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

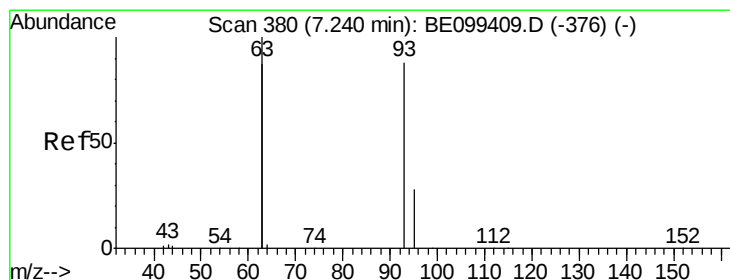
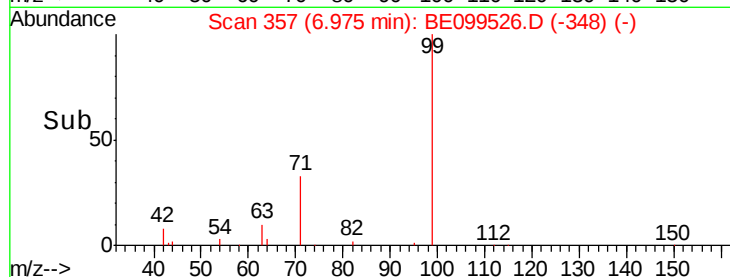
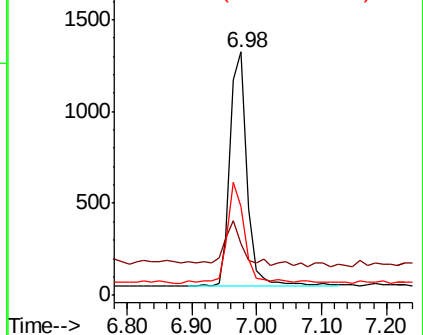
71 43.0 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.448 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.02 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

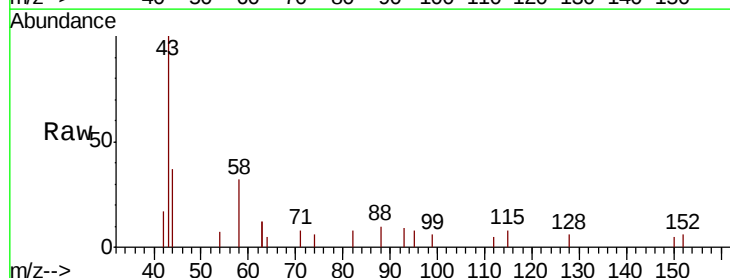
Tgt Ion: 93 Resp: 54

Ion Ratio Lower Upper

93 100

63 0.0 215.6 323.4#

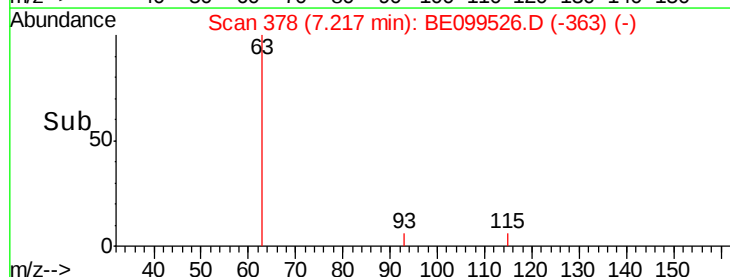
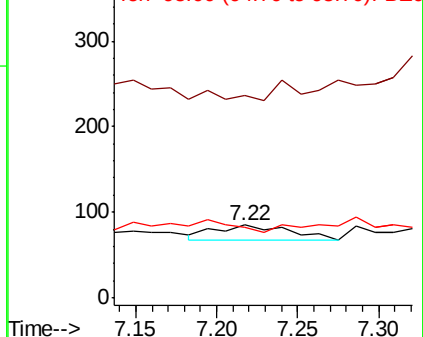
95 0.0 26.2 39.2#

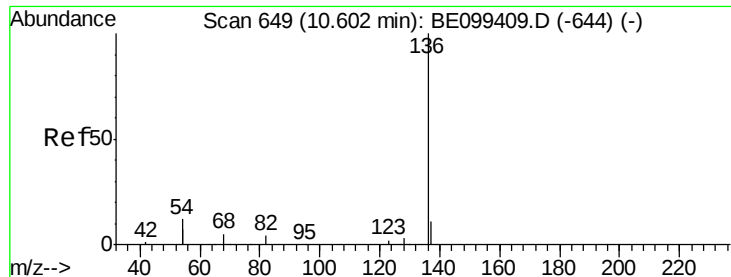


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

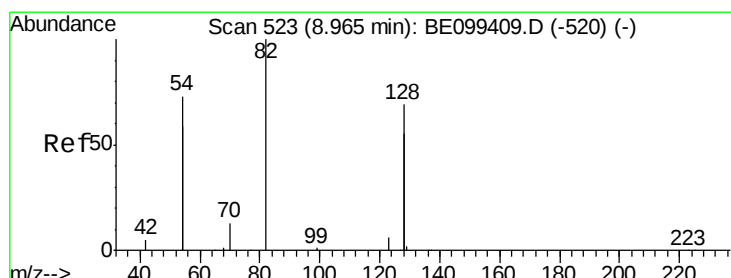
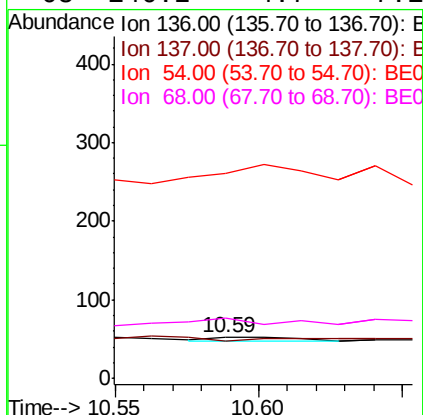
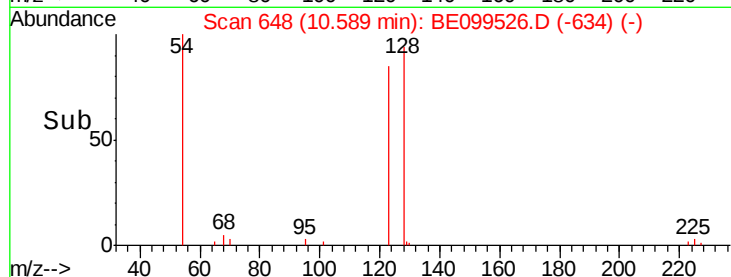
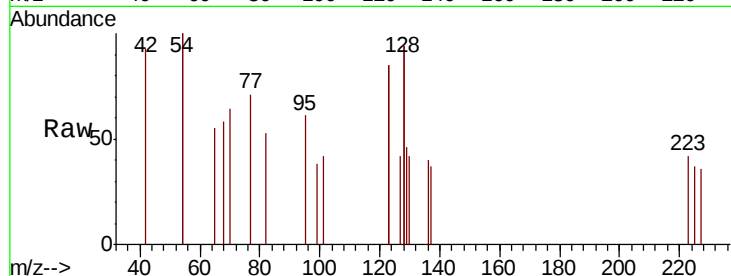
Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

Tgt Ion:	136	Resp:	9
Ion	Ratio	Lower	Upper
136	100		
137	92.3	9.8	14.8#
54	500.0	18.5	27.7#
68	146.2	4.7	7.1#



#8

Nitrobenzene-d5

Concen: 235.912 ng

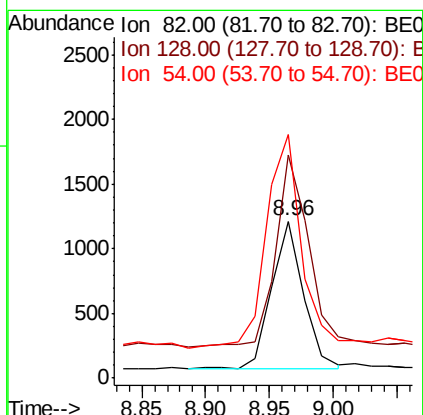
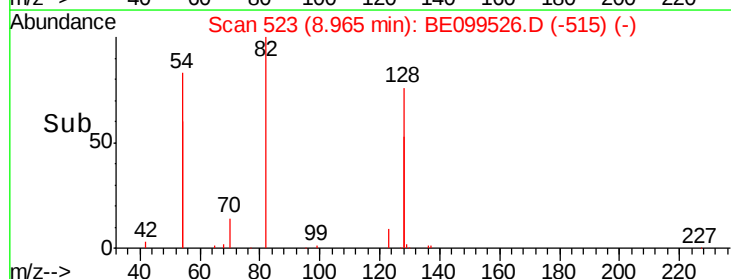
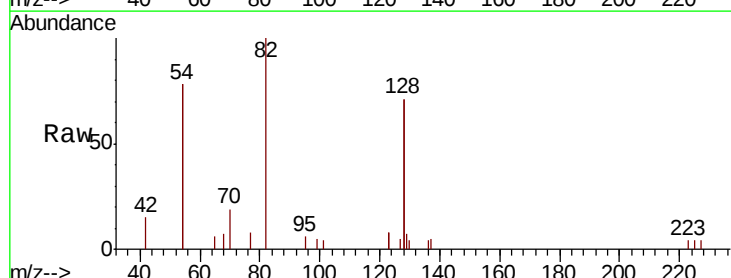
RT: 8.96 min Scan# 523

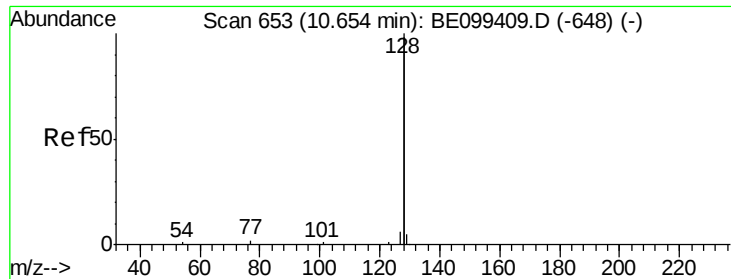
Delta R.T. -0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Tgt Ion:	82	Resp:	1990
Ion	Ratio	Lower	Upper
82	100		
128	142.2	107.0	160.4
54	155.3	113.1	169.7

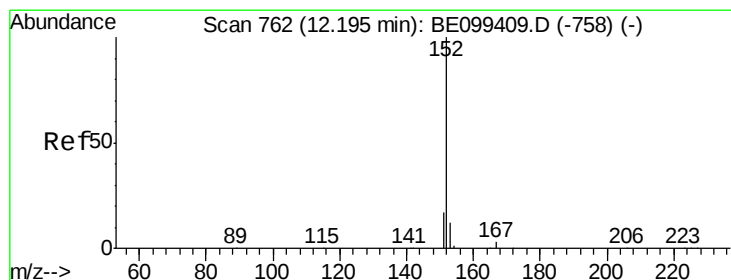
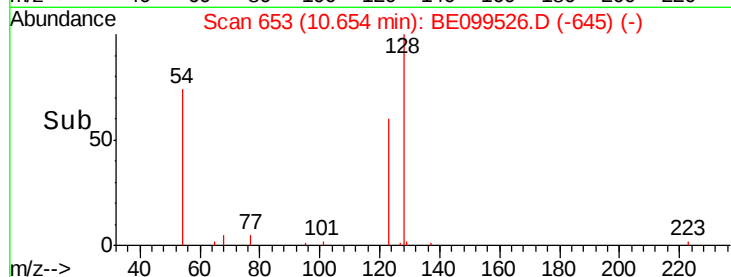
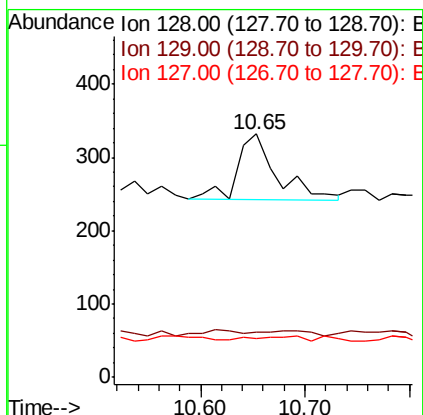
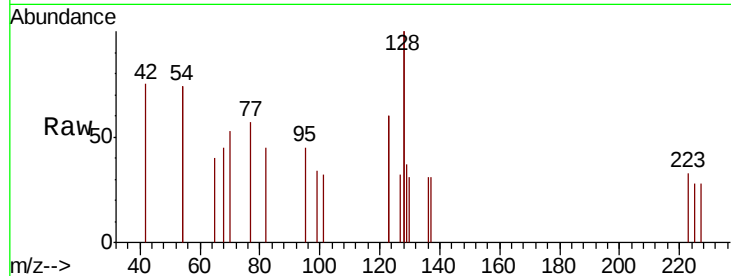




#9
Naphthalene
Concen: 2.345 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099526.D
Acq: 3 May 2019 11:30

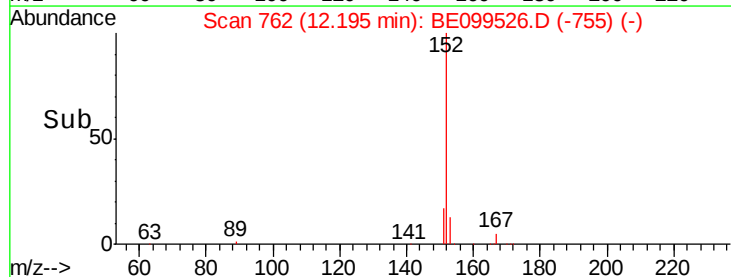
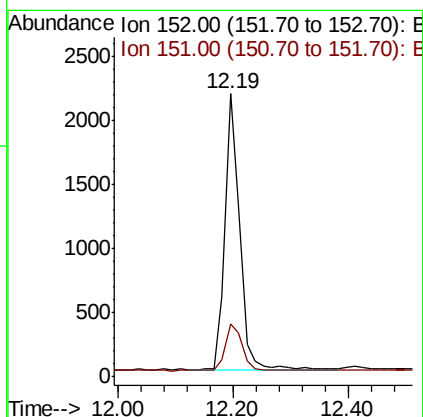
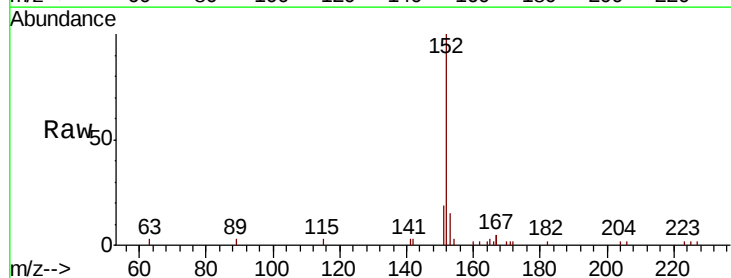
Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

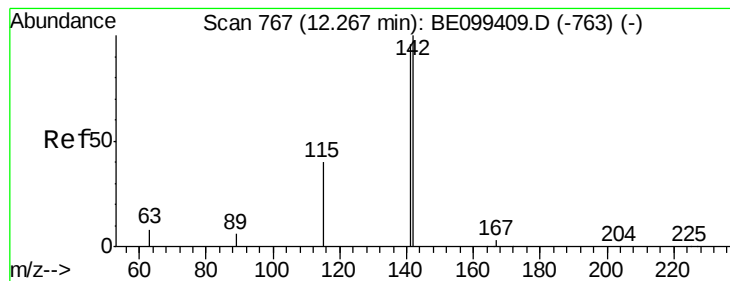
Tgt Ion:128 Resp: 230
Ion Ratio Lower Upper
128 100
129 18.4 2.4 3.6#
127 16.0 2.8 4.2#



#11
2-Methylnaphthalene-d10
Concen: 239.649 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099526.D
Acq: 3 May 2019 11:30

Tgt Ion:152 Resp: 3886
Ion Ratio Lower Upper
152 100
151 19.0 15.5 23.3





#12

2-Methylnaphthalene

Concen: 1.466 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

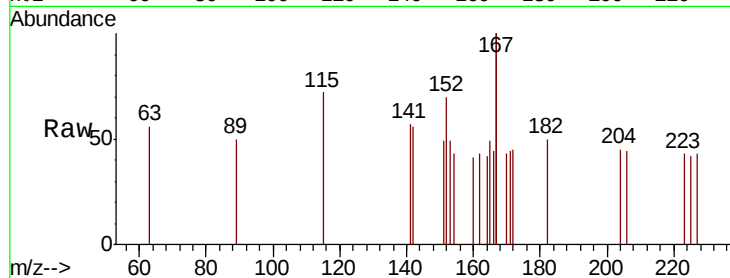
Tgt Ion:142 Resp: 25

Ion Ratio Lower Upper

142 100

141 101.6 77.0 115.4

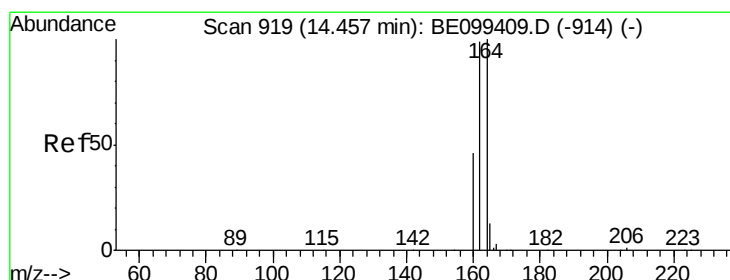
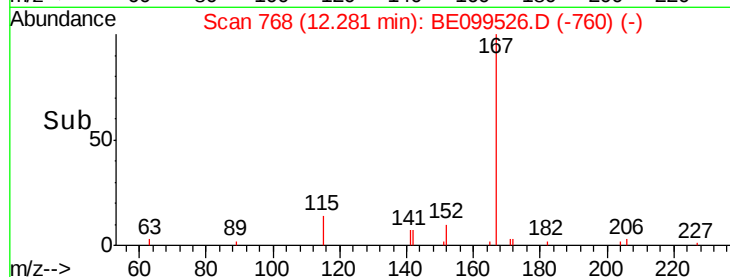
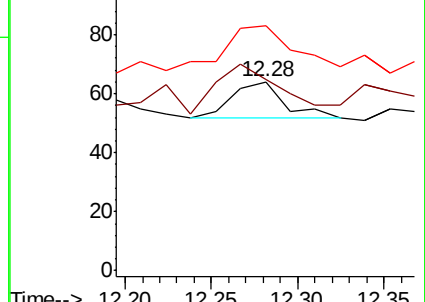
115 129.7 33.4 50.0#



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: BE099526.D

Acq: 3 May 2019 11:30

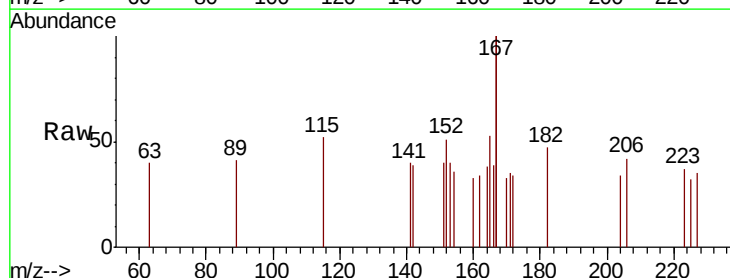
Tgt Ion:164 Resp: 19

Ion Ratio Lower Upper

164 100

162 89.5 79.0 118.4

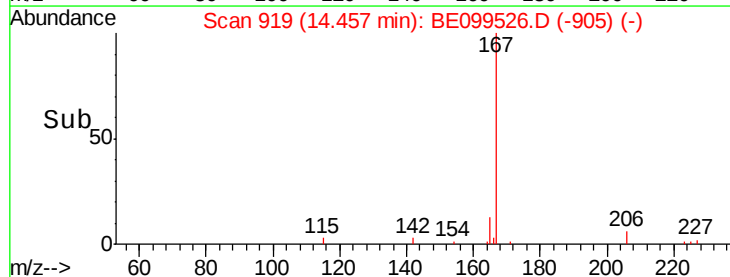
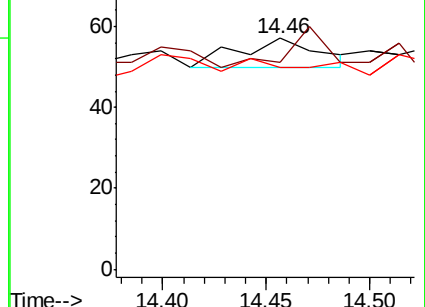
160 87.7 37.0 55.4#

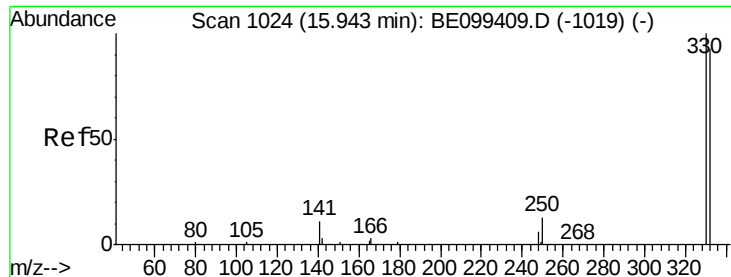


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

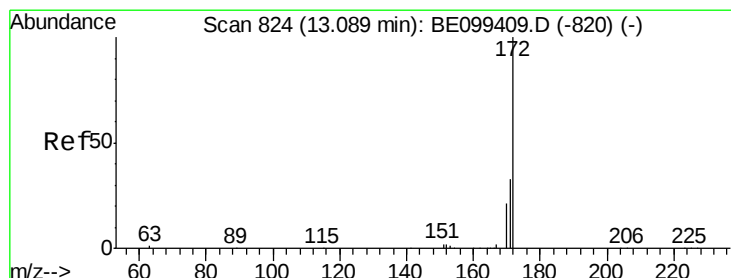
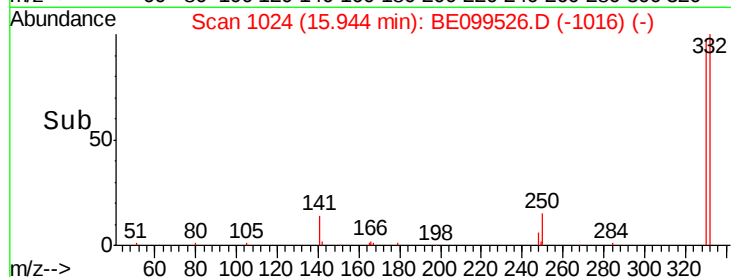
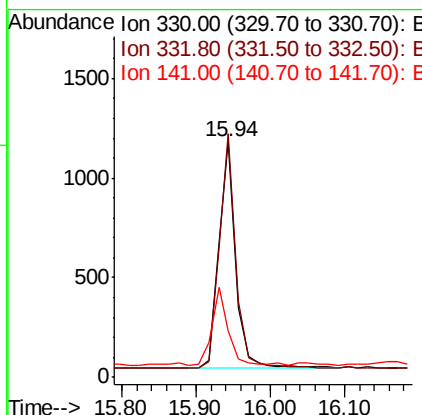
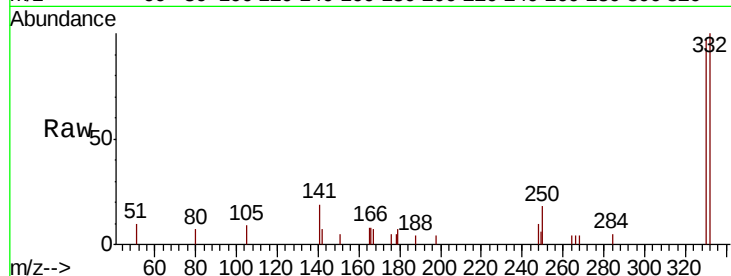




#14
 2,4,6-Tribromophenol
 Concen: 153.573 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099526.D
 Acq: 3 May 2019 11:30

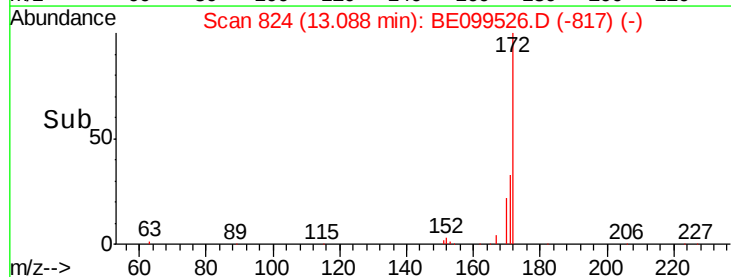
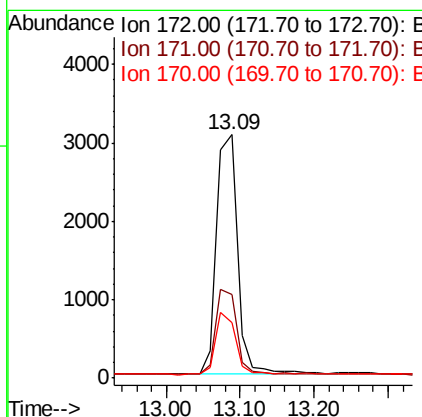
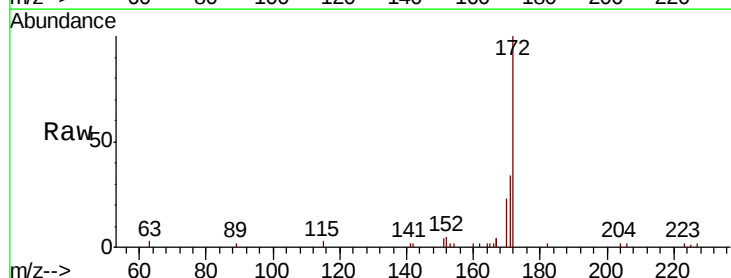
Instrument :
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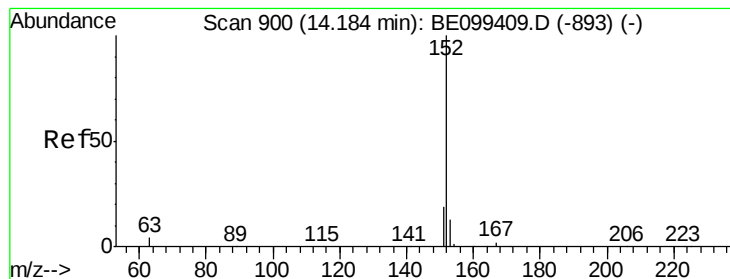
Tgt Ion:330 Resp: 1838
 Ion Ratio Lower Upper
 330 100
 332 100.7 71.5 107.3
 141 31.8 24.0 36.0



#15
 2-Fluorobiphenyl
 Concen: 84.451 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099526.D
 Acq: 3 May 2019 11:30

Tgt Ion:172 Resp: 6122
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.6 39.8
 170 23.0 17.0 25.6





#16

Acenaphthylene

Concen: 17.273 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

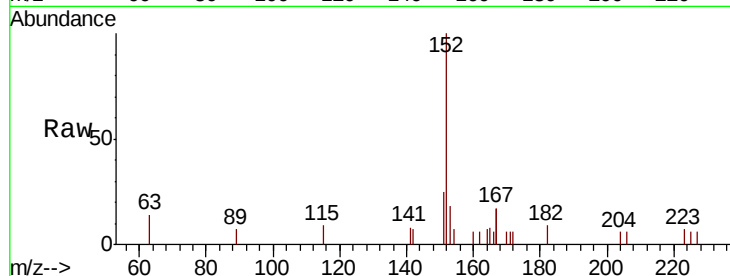
Tgt Ion:152 Resp: 1606

Ion Ratio Lower Upper

152 100

151 20.1 15.4 23.2

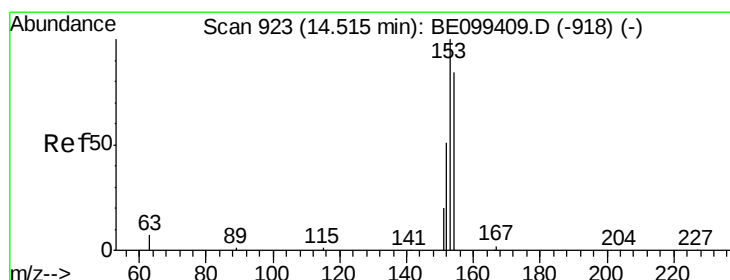
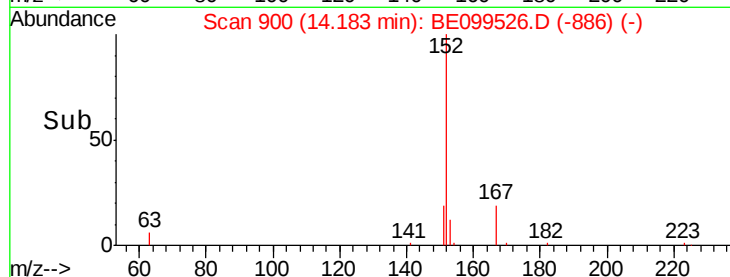
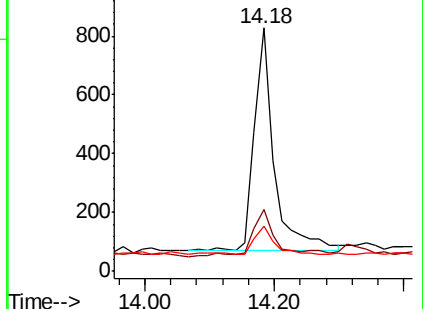
153 12.9 9.8 14.6



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: 3.108 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

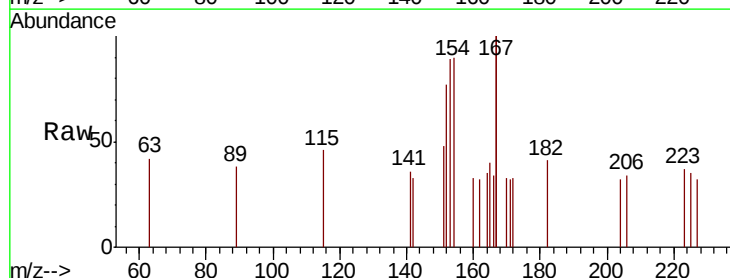
Tgt Ion:154 Resp: 165

Ion Ratio Lower Upper

154 100

153 113.9 92.6 138.8

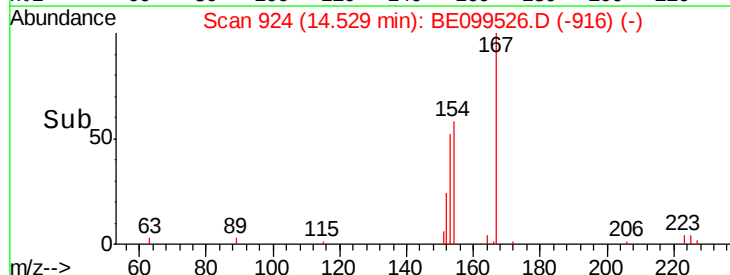
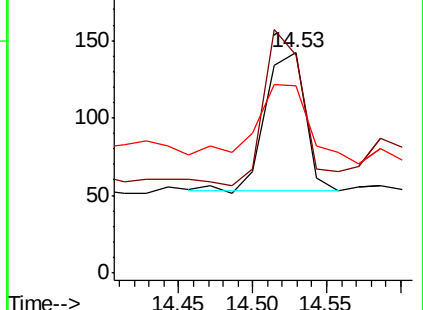
152 63.6 45.8 68.8

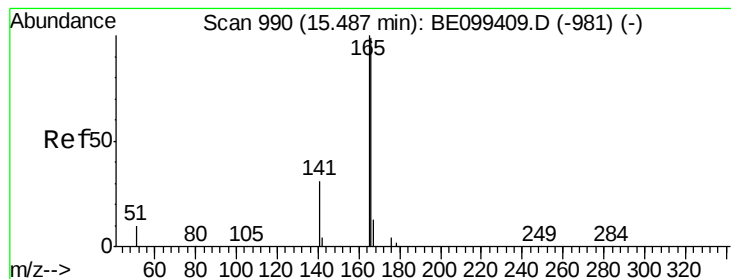


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 6.153 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

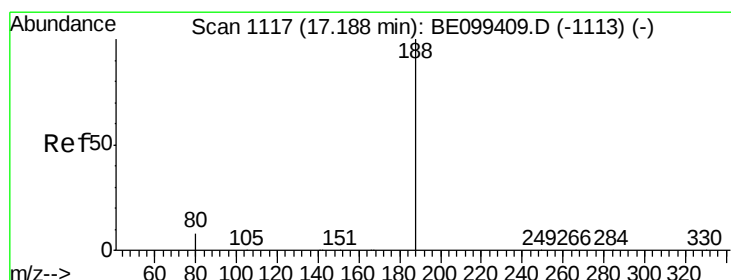
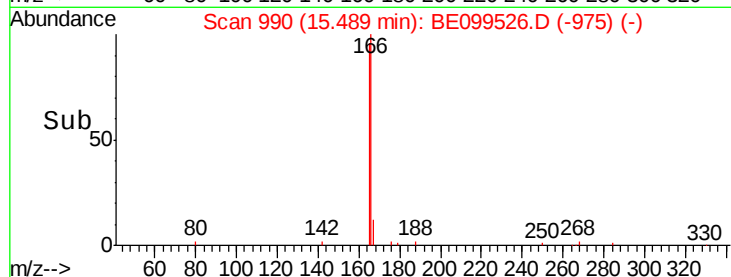
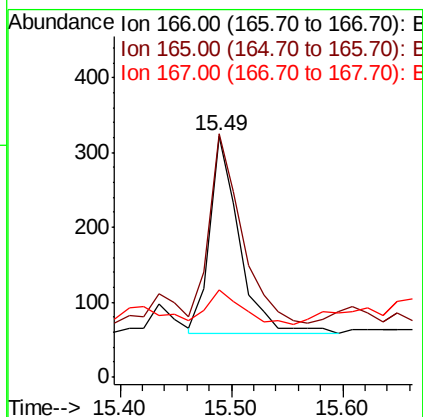
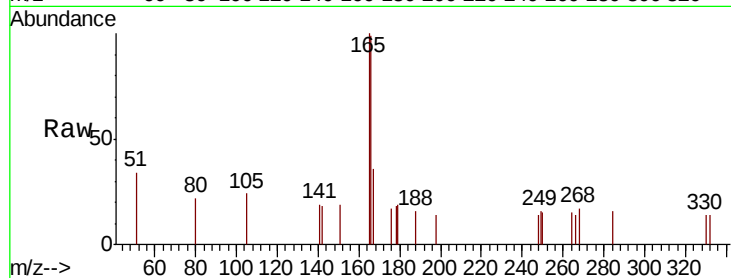
Tgt Ion:166 Resp: 482

Ion Ratio Lower Upper

166 100

165 123.4 80.3 120.5#

167 20.5 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.18 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

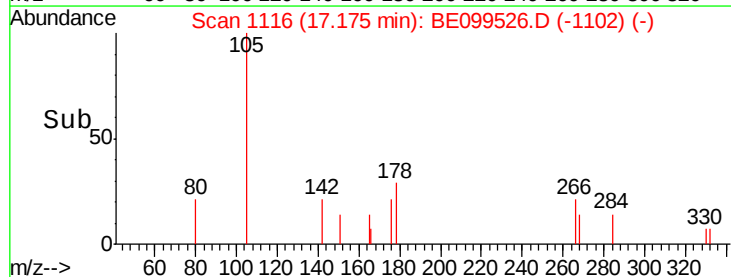
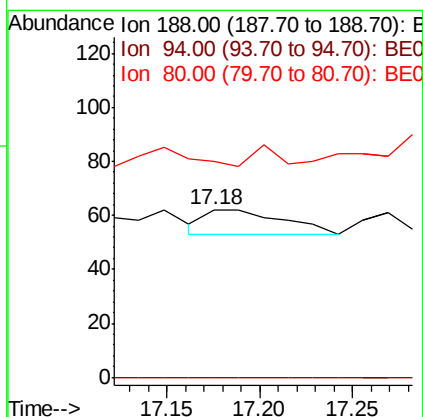
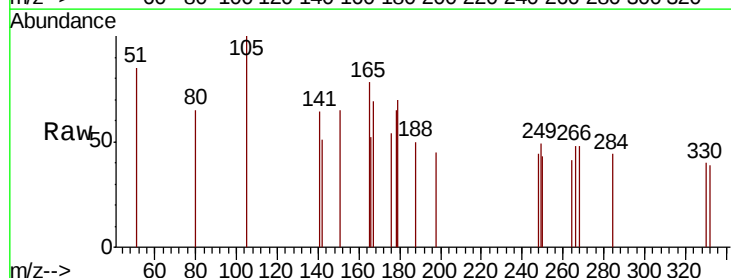
Tgt Ion:188 Resp: 27

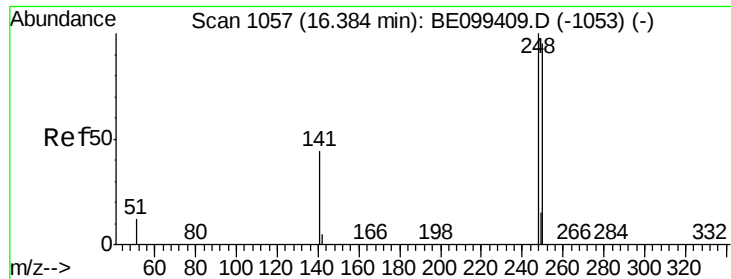
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 129.0 6.7 10.1#

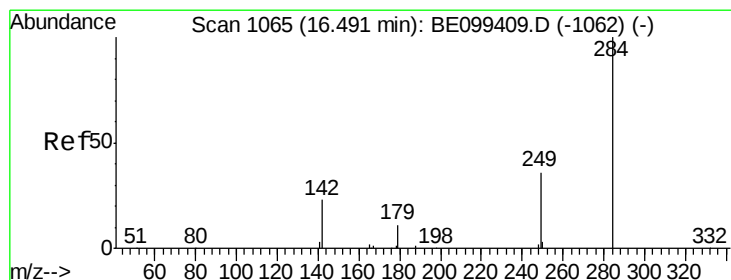
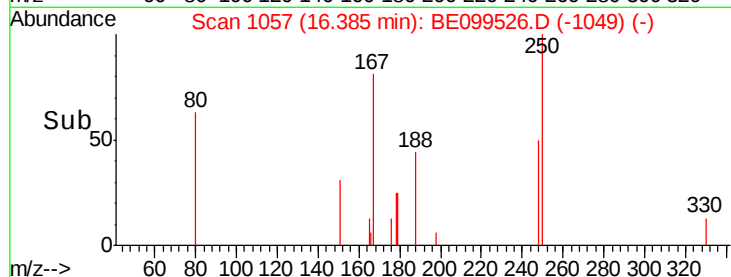
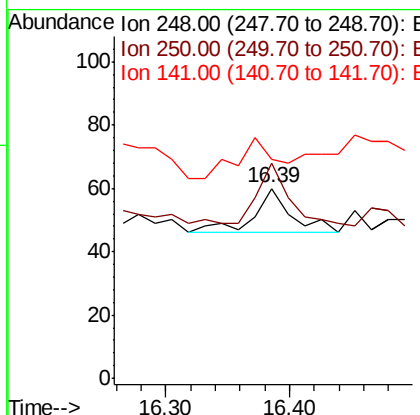
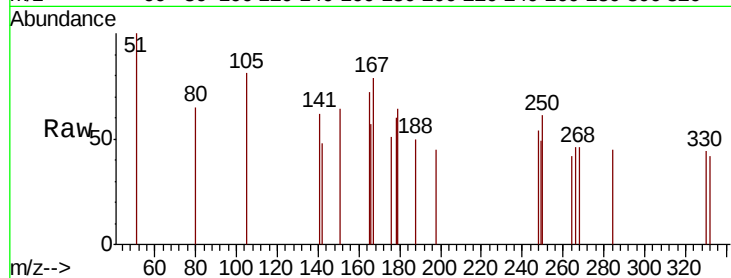




#20
4-Bromophenyl-phenylether
Concen: 1.909 ng
RT: 16.39 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099526.D
Acq: 3 May 2019 11:30

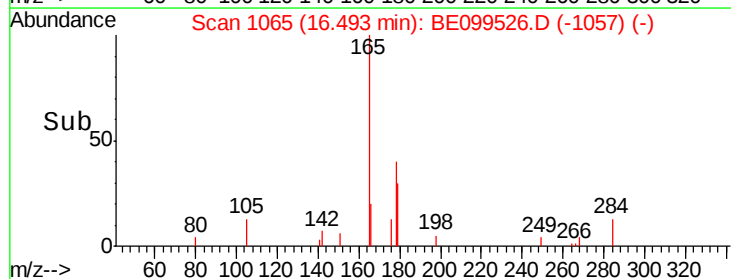
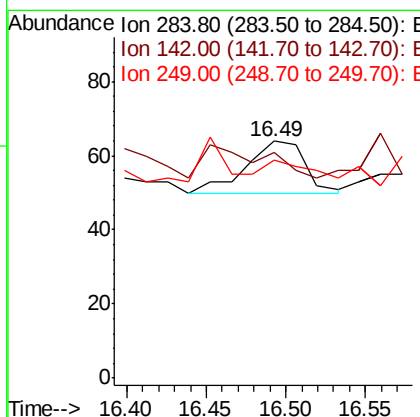
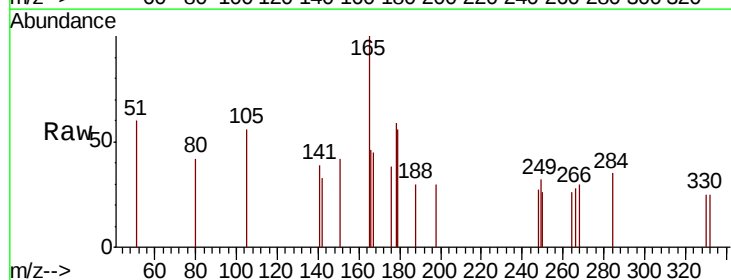
Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

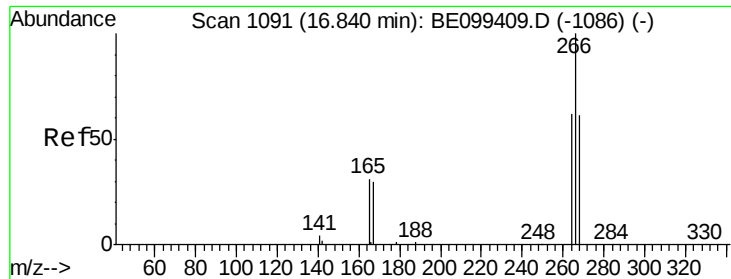
Tgt Ion:248 Resp: 30
Ion Ratio Lower Upper
248 100
250 113.3 75.8 113.8
141 115.0 35.7 53.5#



#21
Hexachlorobenzene
Concen: 2.403 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099526.D
Acq: 3 May 2019 11:30

Tgt Ion:284 Resp: 36
Ion Ratio Lower Upper
284 100
142 0.0 21.0 31.6#
249 22.2 26.7 40.1#





#22

Pentachlorophenol

Concen: 11.417 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

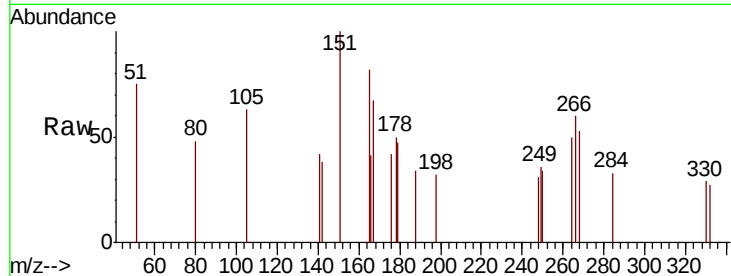
Tgt Ion:266 Resp: 101

Ion Ratio Lower Upper

266 100

264 82.7 50.8 76.2#

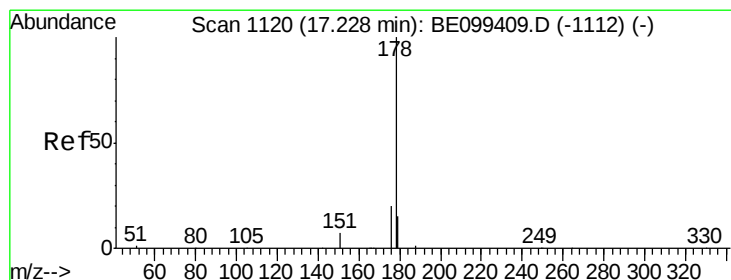
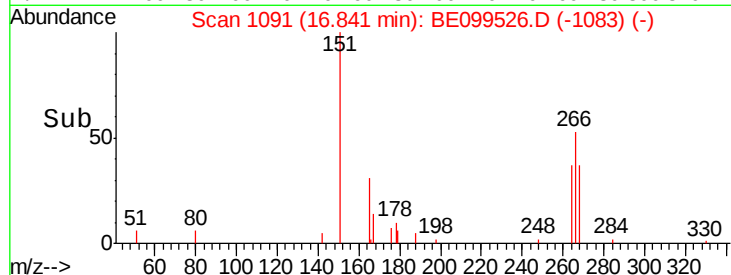
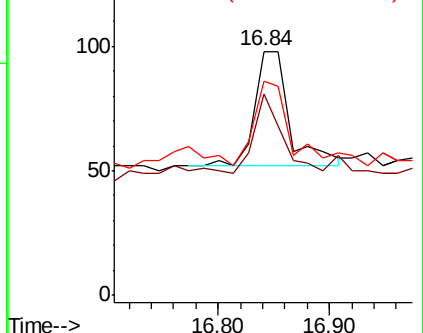
268 87.8 50.5 75.7#



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: 272.597 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

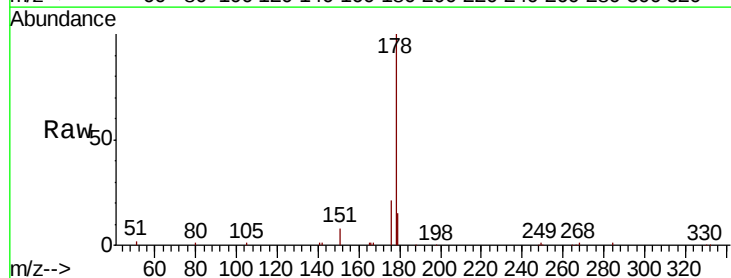
Tgt Ion:178 Resp: 18992

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

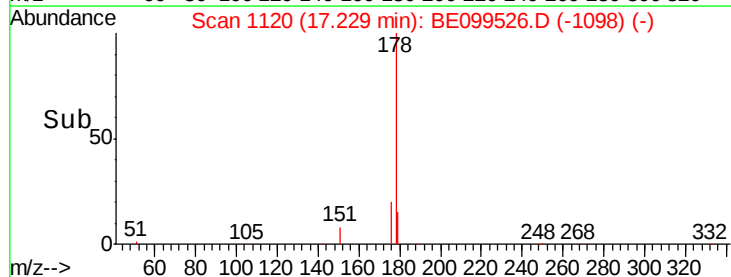
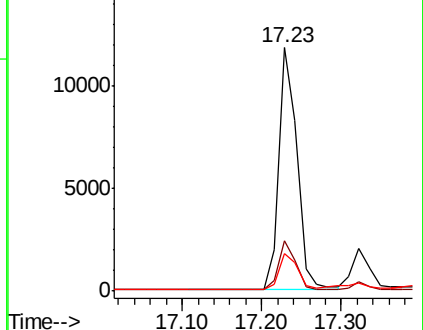
179 15.5 12.0 18.0

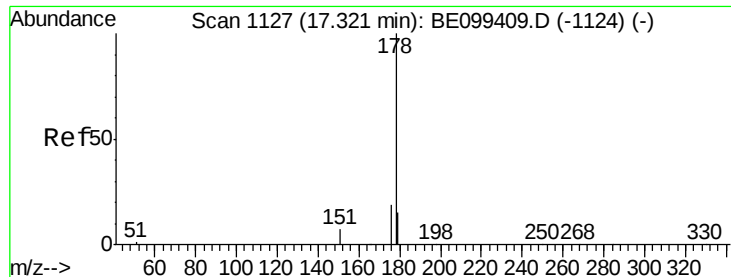


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 43.701 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

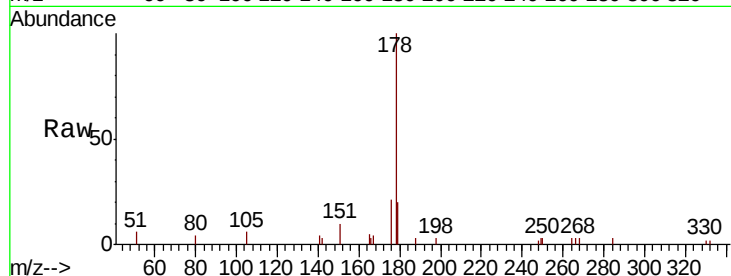
Tgt Ion:178 Resp: 2902

Ion Ratio Lower Upper

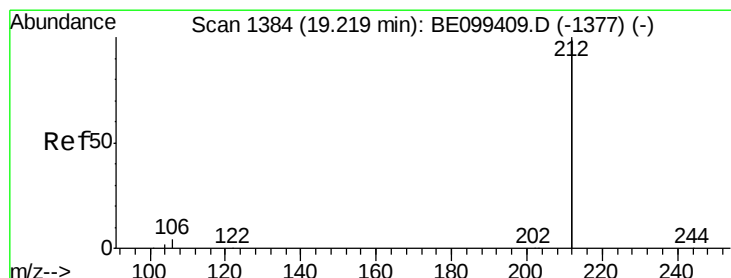
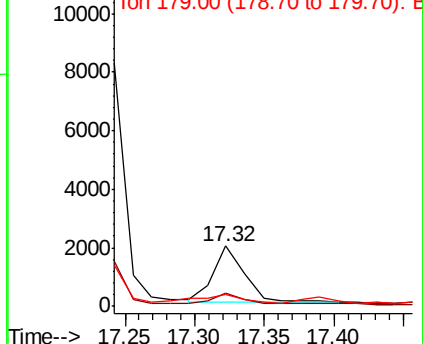
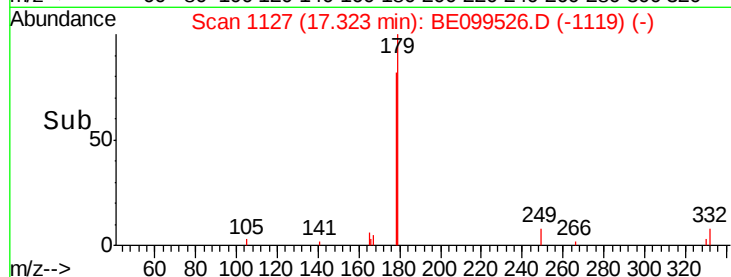
178 100

176 17.3 14.9 22.3

179 21.0 11.9 17.9#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 274.996 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

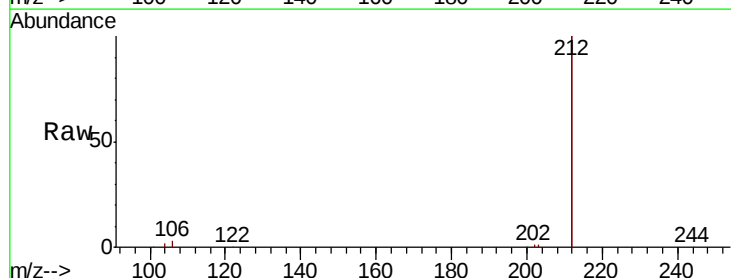
Tgt Ion:212 Resp: 100072

Ion Ratio Lower Upper

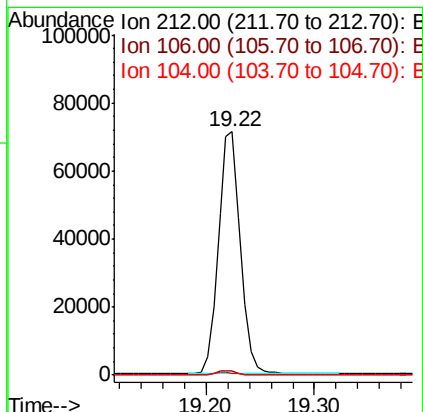
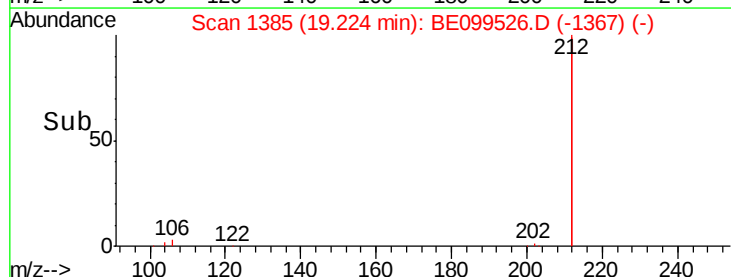
212 100

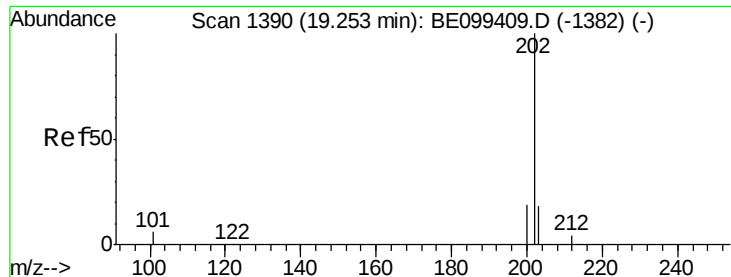
106 1.8 1.5 2.3

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

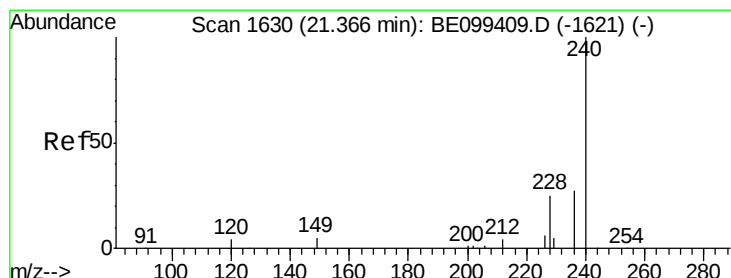
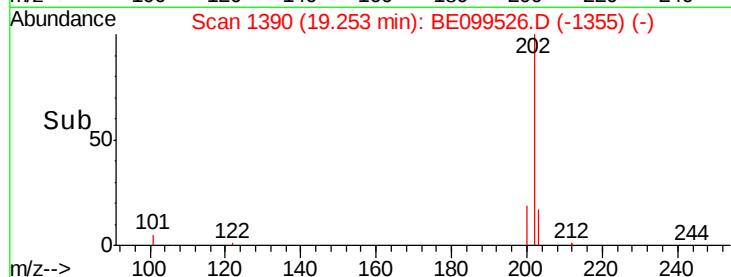
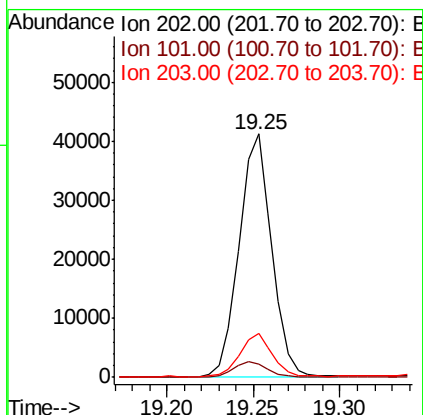
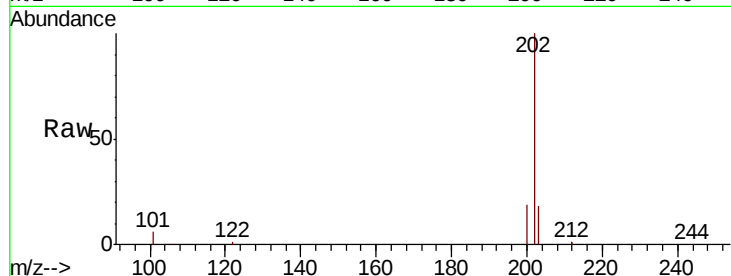




#26
Fluoranthene
Concen: 516.345 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE099526.D
Acq: 3 May 2019 11:30

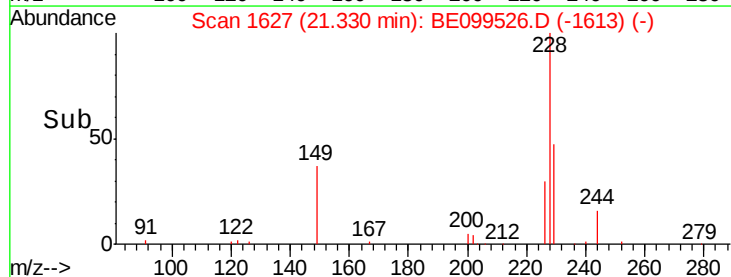
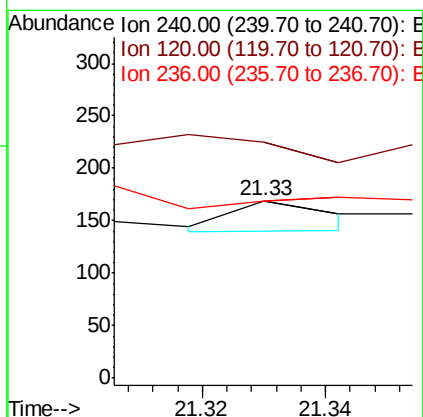
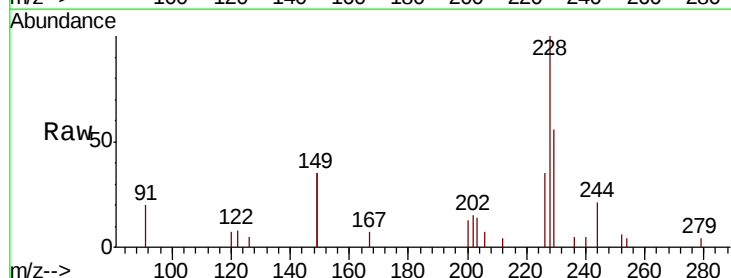
Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

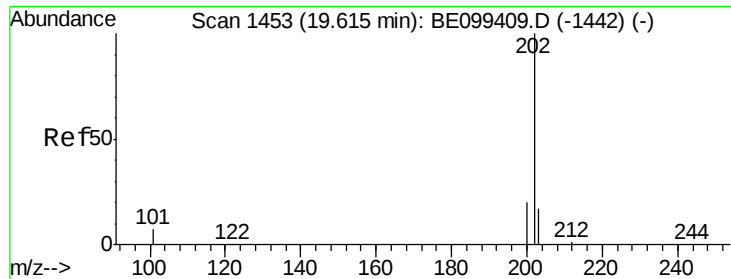
Tgt Ion:202 Resp: 53885
Ion Ratio Lower Upper
202 100
101 6.4 5.4 8.0
203 17.3 13.9 20.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.04 min
Lab File: BE099526.D
Acq: 3 May 2019 11:30

Tgt Ion:240 Resp: 32
Ion Ratio Lower Upper
240 100
120 133.1 4.0 6.0#
236 100.0 22.0 33.0#

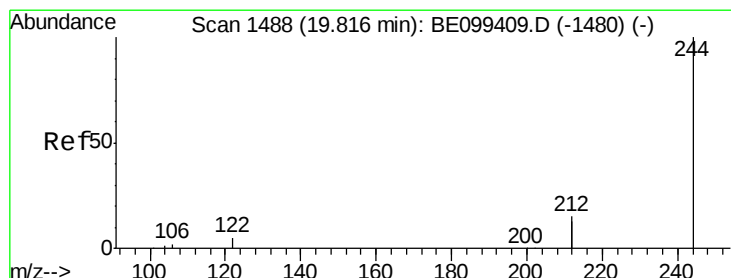
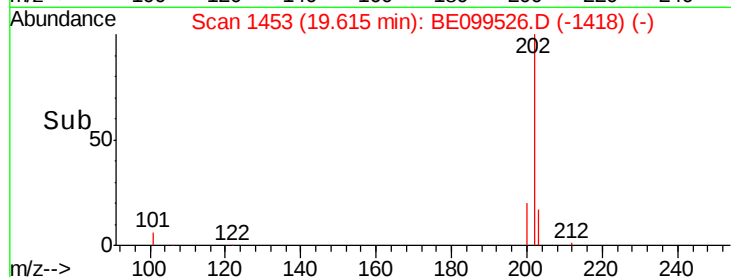
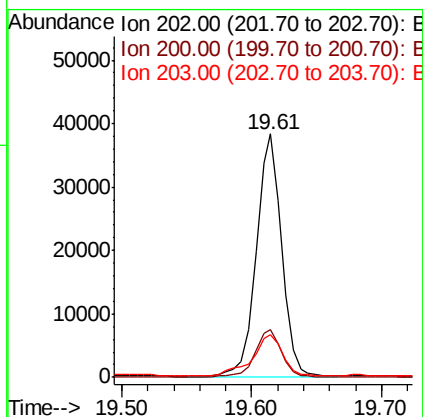
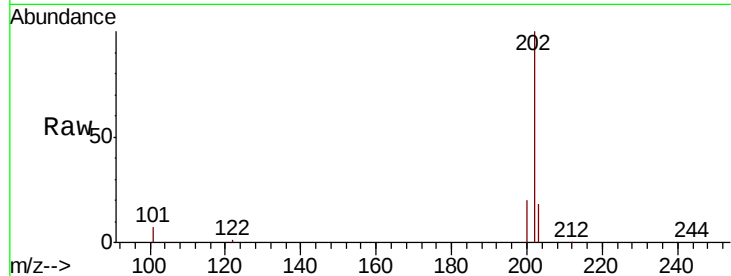




#28
 Pyrene
 Concen: 622.929 ng
 RT: 19.61 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BE099526.D
 Acq: 3 May 2019 11:30

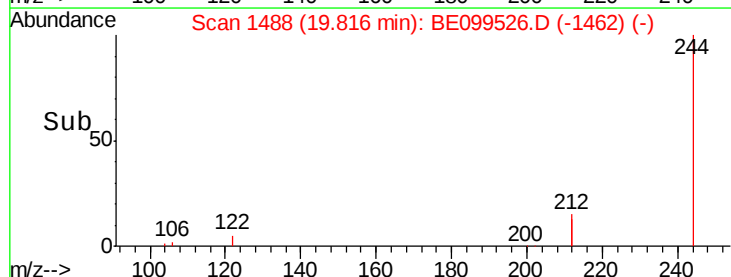
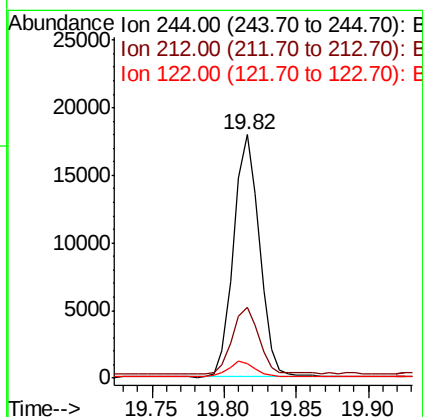
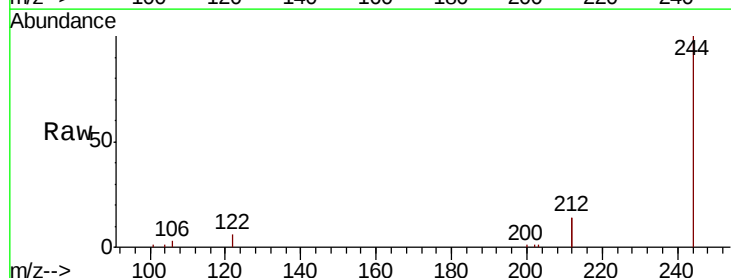
Instrument :
 BNA_E
 ClientSampleId :
 PST-004-B170-042319

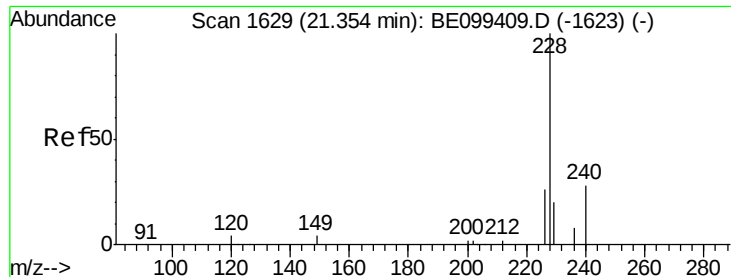
Tgt Ion: 202 Resp: 51961
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.7 23.5
 203 21.0 13.9 20.9#



#29
 Terphenyl-d14
 Concen: 383.018 ng
 RT: 19.82 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BE099526.D
 Acq: 3 May 2019 11:30

Tgt Ion: 244 Resp: 22446
 Ion Ratio Lower Upper
 244 100
 212 28.9 23.2 34.8
 122 6.0 4.2 6.4





#30

Benzo(a)anthracene

Concen: 522.135 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

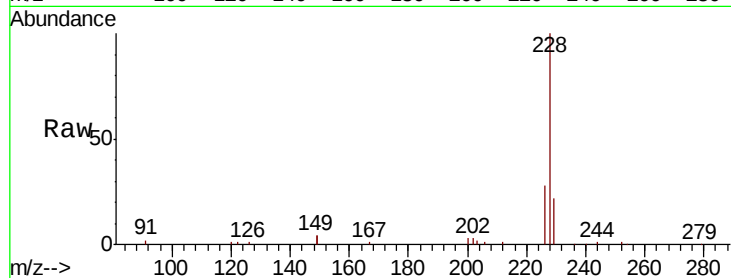
Tgt Ion:228 Resp: 53235

Ion Ratio Lower Upper

228 100

226 28.3 21.0 31.6

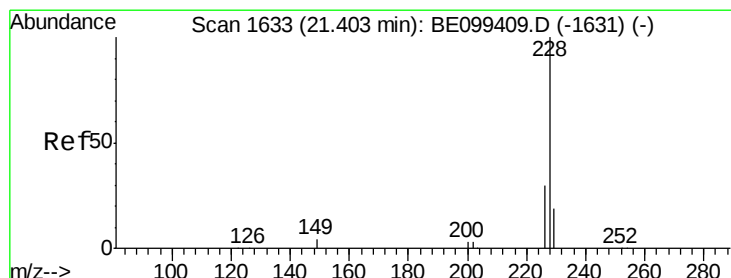
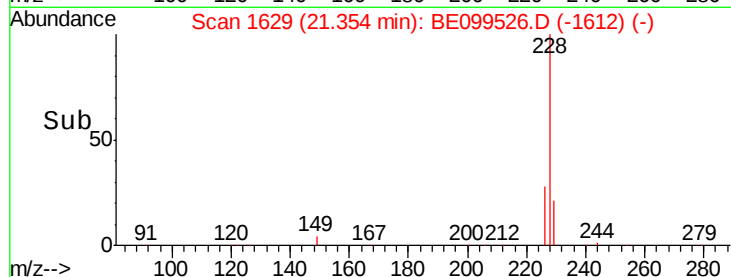
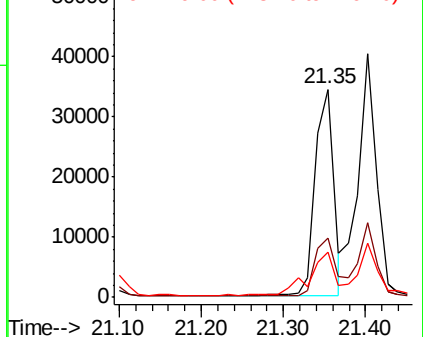
229 22.0 16.6 25.0



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: 516.303 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.05 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

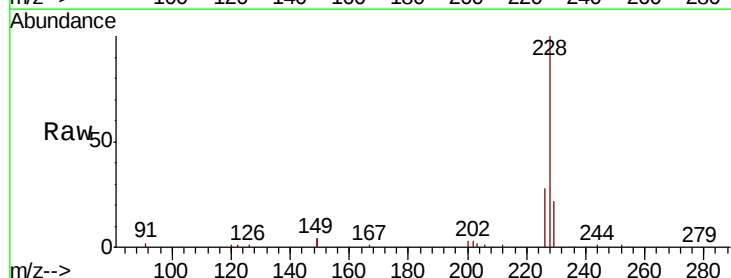
Tgt Ion:228 Resp: 51512

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

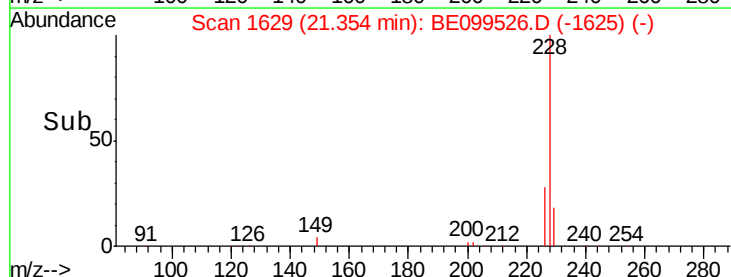
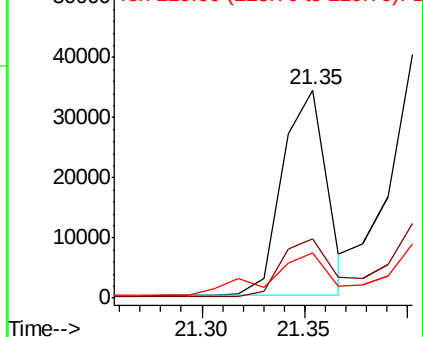
229 22.0 15.8 23.8

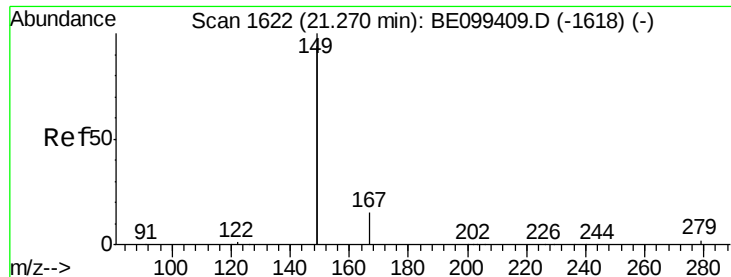


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 86.853 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

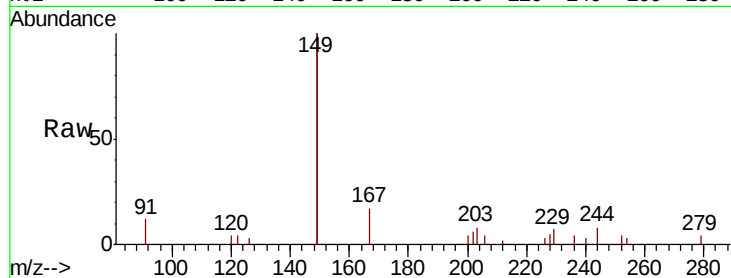
Tgt Ion:149 Resp: 12499

Ion Ratio Lower Upper

149 100

167 8.5 5.8 8.6

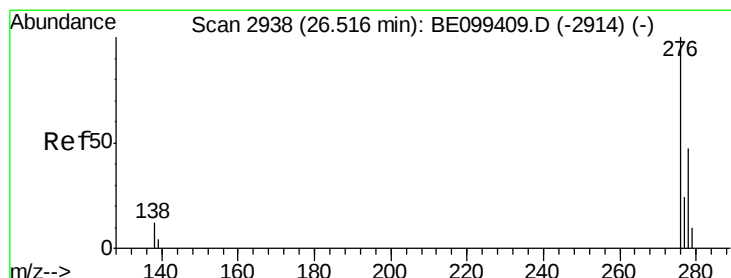
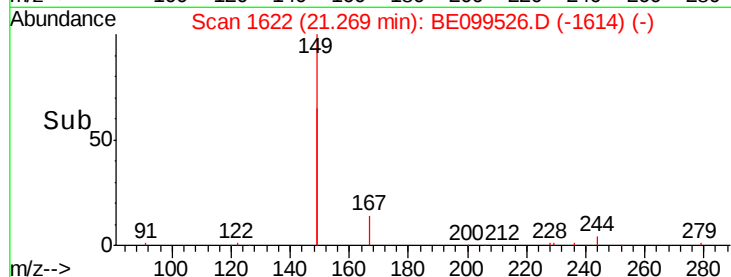
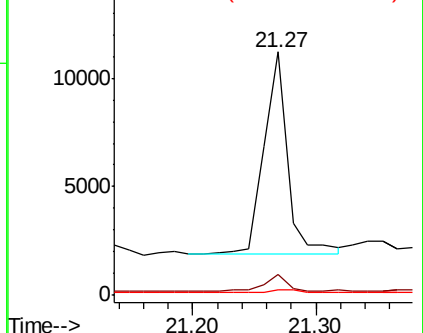
279 1.6 1.0 1.6#



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: 438.099 ng

RT: 26.51 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

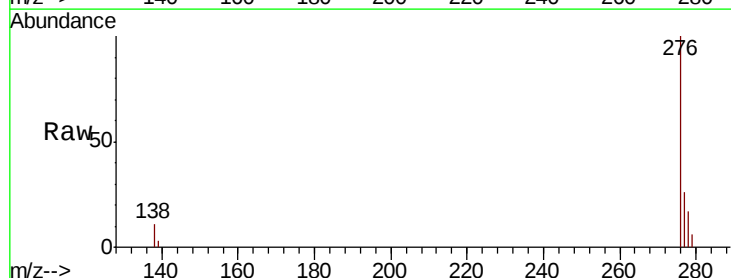
Tgt Ion:276 Resp: 51660

Ion Ratio Lower Upper

276 100

138 10.6 10.2 15.2

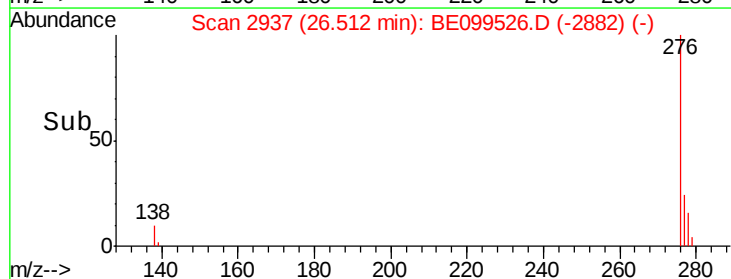
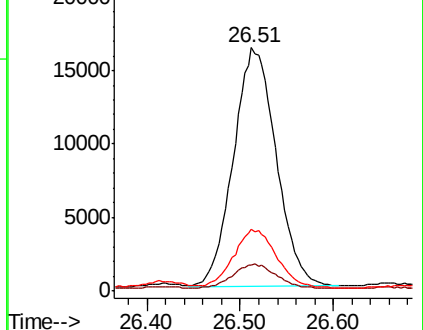
277 24.7 19.2 28.8

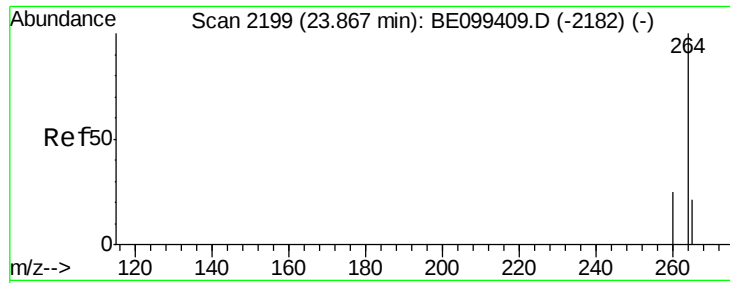


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.81 min Scan# 2184

Delta R.T. -0.05 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

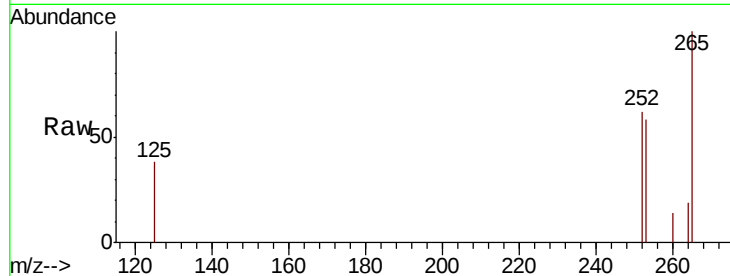
Tgt Ion:264 Resp: 19

Ion Ratio Lower Upper

264 100

260 73.9 20.2 30.2#

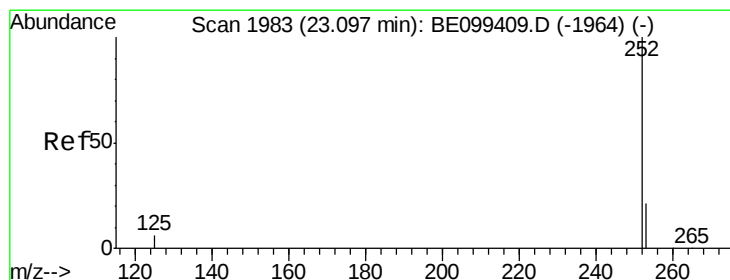
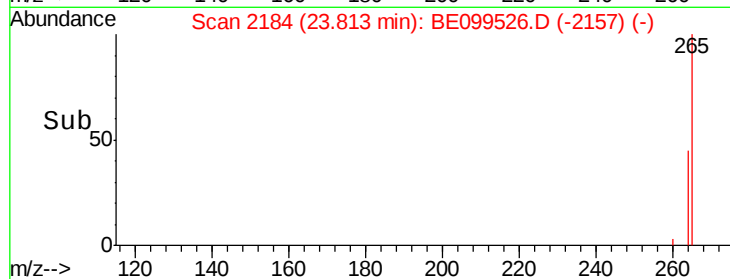
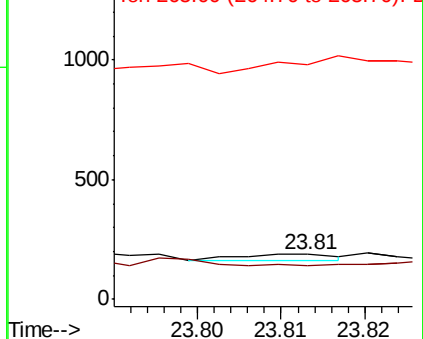
265 522.3 21.3 31.9#



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: 1732.870 ng

RT: 23.10 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

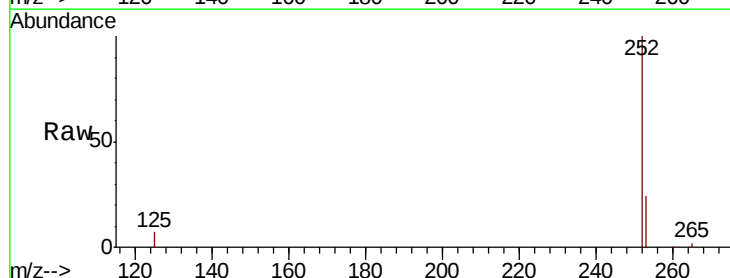
Tgt Ion:252 Resp: 94938

Ion Ratio Lower Upper

252 100

253 24.2 18.1 27.1

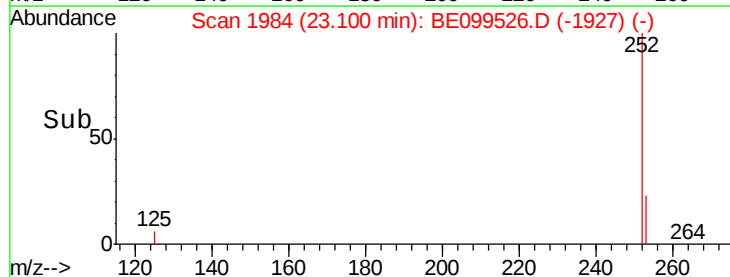
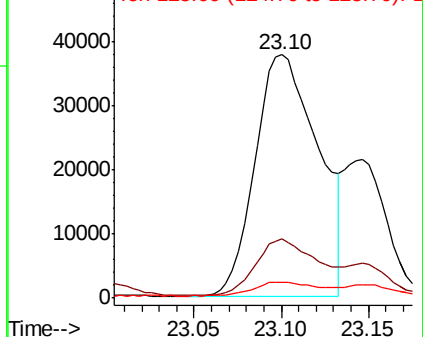
125 6.6 5.6 8.4

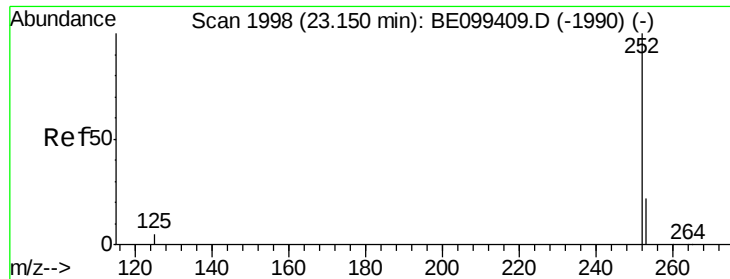


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

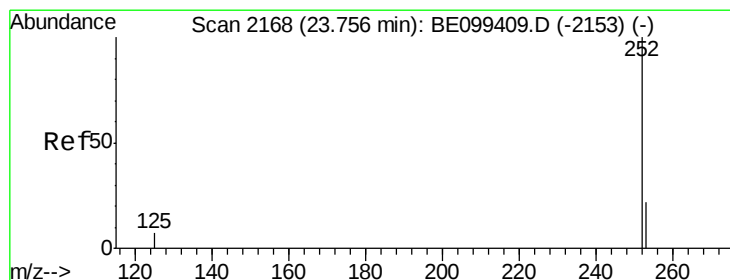
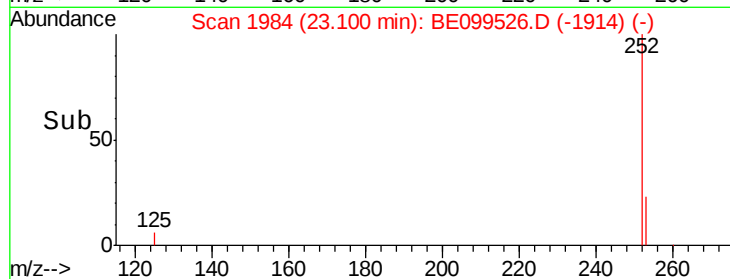
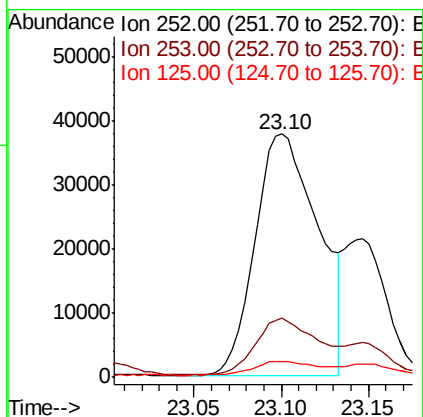
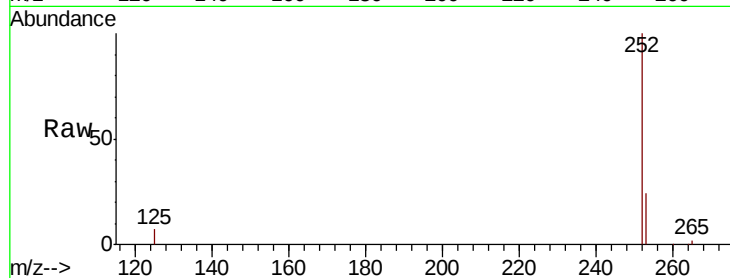




#36
Benzo(k)fluoranthene
Concen: 1797.071 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.05 min
Lab File: BE099526.D
Acq: 3 May 2019 11:30

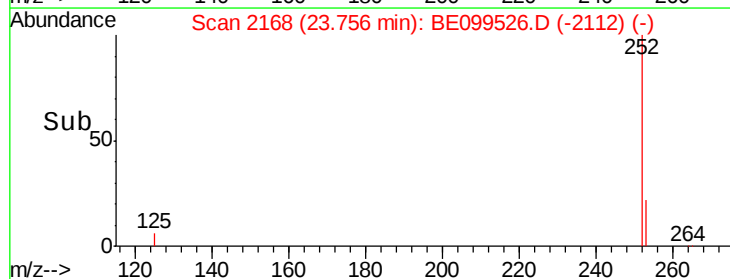
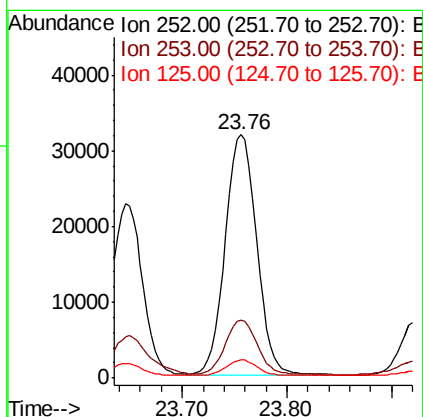
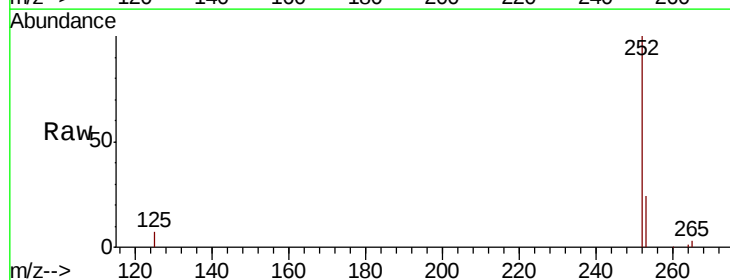
Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

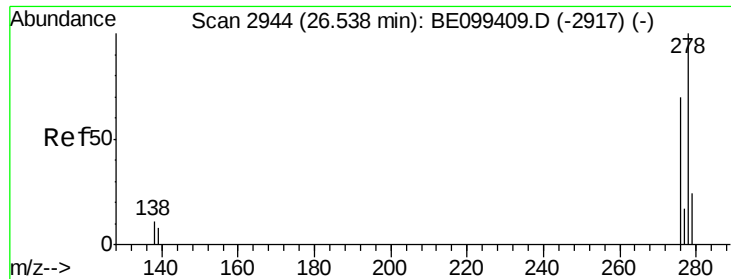
Tgt Ion: 252 Resp: 94938
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 6.6 5.0 7.4



#37
Benzo(a)pyrene
Concen: 1283.434 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BE099526.D
Acq: 3 May 2019 11:30

Tgt Ion: 252 Resp: 66475
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 7.4 6.7 10.1





#38

Dibenzo(a,h)anthracene

Concen: 261.163 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

Instrument :

BNA_E

ClientSampleId :

PST-004-B170-042319

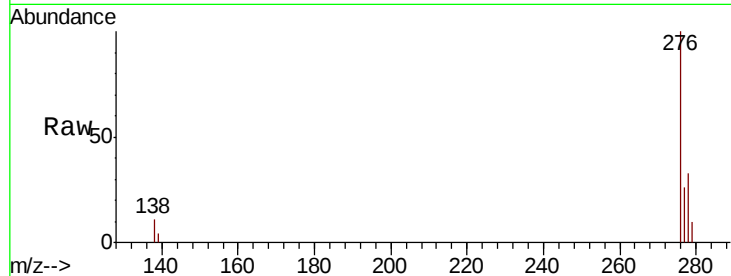
Tgt Ion:278 Resp: 13837

Ion Ratio Lower Upper

278 100

139 13.3 7.7 11.5#

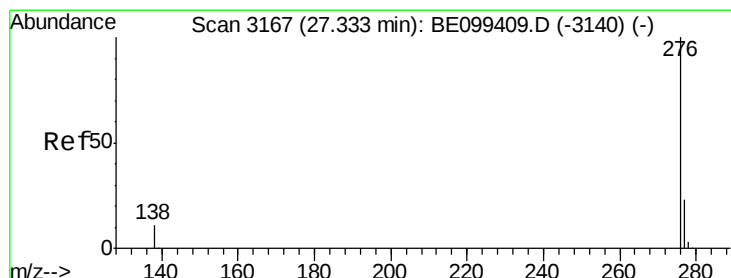
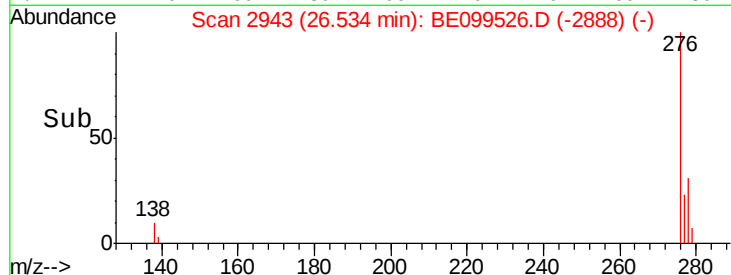
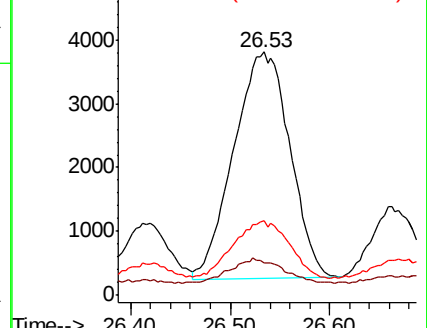
279 30.4 20.2 30.2#



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(g,h,i)perylene

Concen: 955.403 ng

RT: 27.34 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BE099526.D

Acq: 3 May 2019 11:30

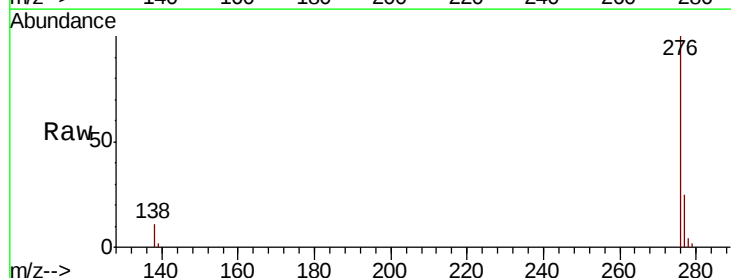
Tgt Ion:276 Resp: 50715

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 11.0 9.6 14.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

