

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099190.D
 Acq On : 25 Mar 2019 21:31
 Operator : JU/SJ
 Sample : K2014-18RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-026-SW045-031919

Quant Time: Mar 26 07:09:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3102	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	12754	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	9172	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	29048	0.40	ng	0.00
27) Chrysene-d12	21.38	240	34226	0.40	ng	-0.01
34) Perylene-d12	23.89	264	34173	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	3784	0.41	ng	0.00
5) Phenol-d6	6.99	99	5487	0.39	ng	0.00
8) Nitrobenzene-d5	8.99	82	3820	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9153	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1471	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	14138	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	139618	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	25173	0.34	ng	0.00

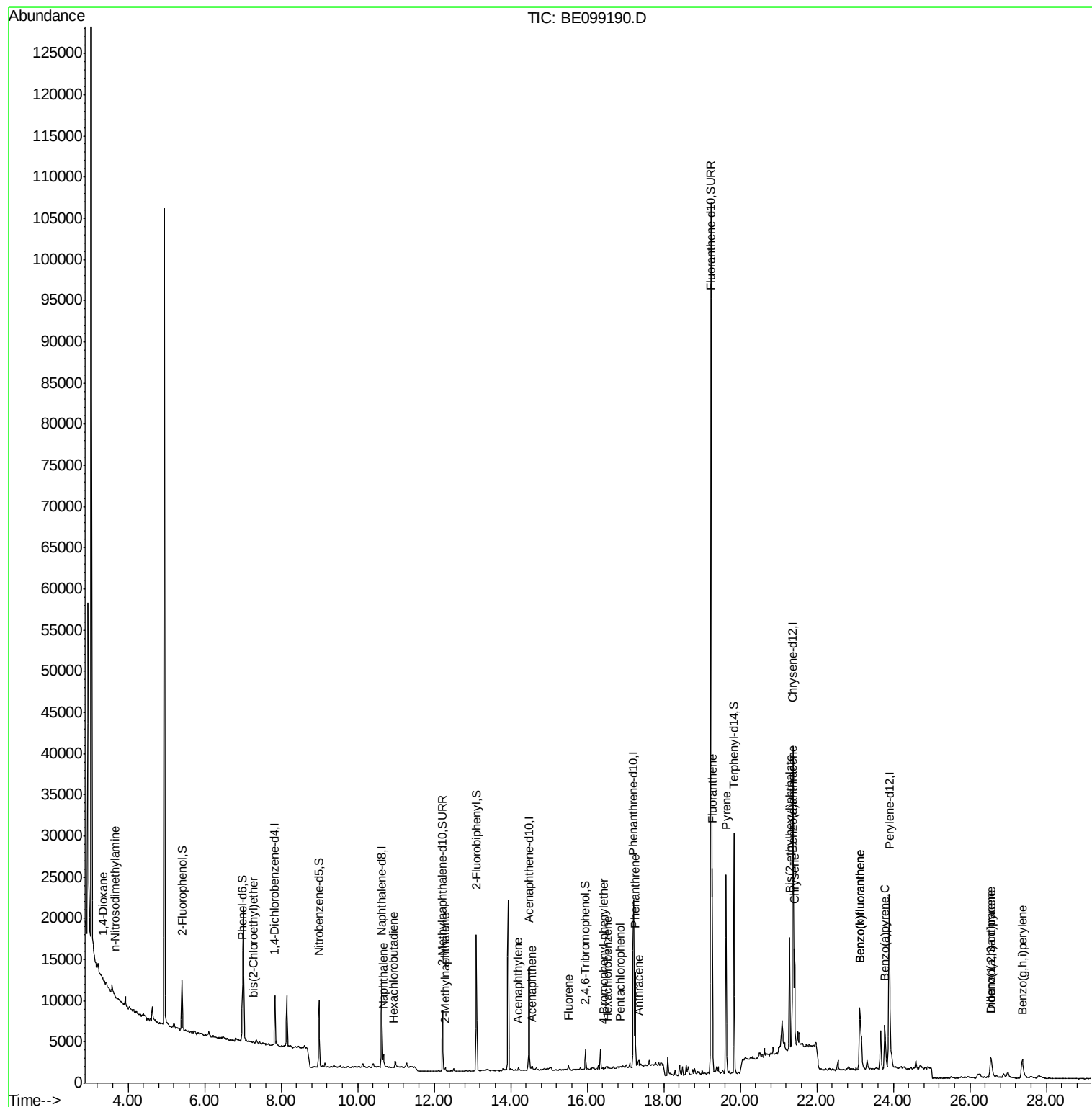
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	230	0.056	ng	# 30
3) n-Nitrosodimethylamine	3.66	42	71	0.031	ng	# 23
6) bis(2-Chloroethyl)ether	7.27	93	46	0.004	ng	# 1
9) Naphthalene	10.68	128	2164	0.014	ng	# 90
10) Hexachlorobutadiene	10.94	225	8	0.001	ng	# 19
12) 2-Methylnaphthalene	12.30	142	254	0.009	ng	# 63
16) Acenaphthylene	14.20	152	643	0.014	ng	# 94
17) Acenaphthene	14.54	154	178	0.006	ng	# 64
18) Fluorene	15.51	166	461	0.012	ng	# 87
20) 4-Bromophenyl-phenylether	16.42	248	17	0.001	ng	# 46
21) Hexachlorobenzene	16.52	284	30	0.002	ng	# 69
22) Pentachlorophenol	16.87	266	83	0.270	ng	92
23) Phenanthrene	17.25	178	12363	0.145	ng	98
24) Anthracene	17.35	178	844	0.011	ng	# 92
26) Fluoranthene	19.26	202	21370	0.196	ng	99
28) Pyrene	19.63	202	23259	0.205	ng	97
30) Benzo(a)anthracene	21.37	228	10879	0.096	ng	95
31) Chrysene	21.41	228	12246	0.101	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	19023	0.141	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	6031	0.053	ng	# 95
35) Benzo(b)fluoranthene	23.12	252	14082	0.125	ng	# 86
36) Benzo(k)fluoranthene	23.12	252	14082	0.118	ng	# 86
37) Benzo(a)pyrene	23.78	252	9251	0.088	ng	# 89
38) Dibenzo(a,h)anthracene	26.55	278	571	0.006	ng	# 43
39) Benzo(g,h,i)perylene	27.37	276	6471	0.069	ng	# 92

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

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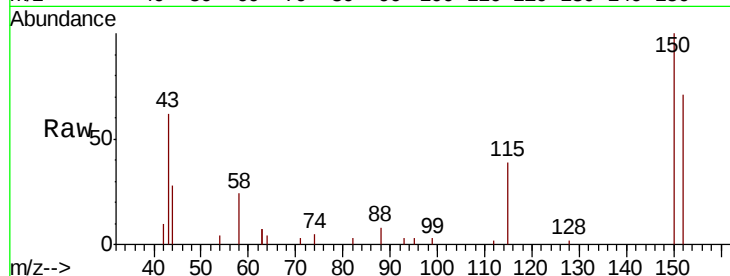


#1

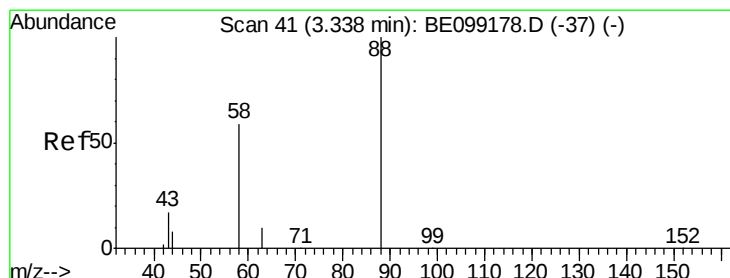
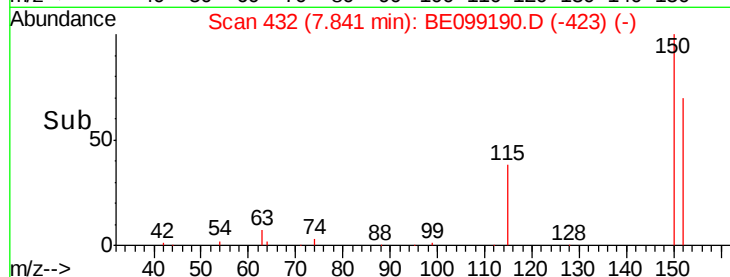
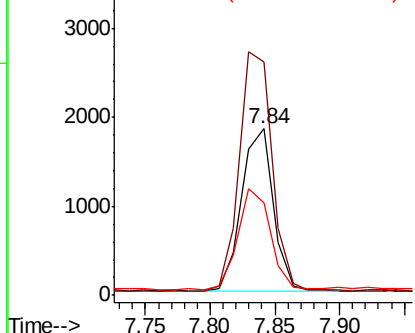
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion: 152 Resp: 3102
Ion Ratio Lower Upper
152 100
150 140.5 112.8 169.2
115 55.5 45.1 67.7



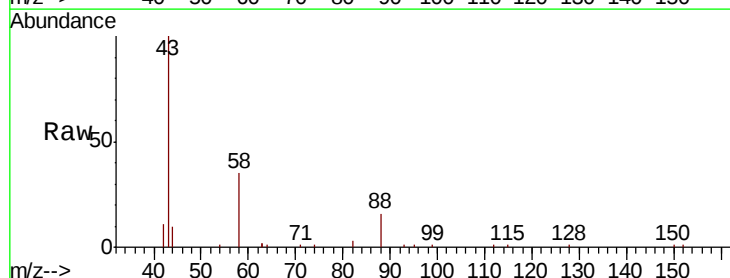
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



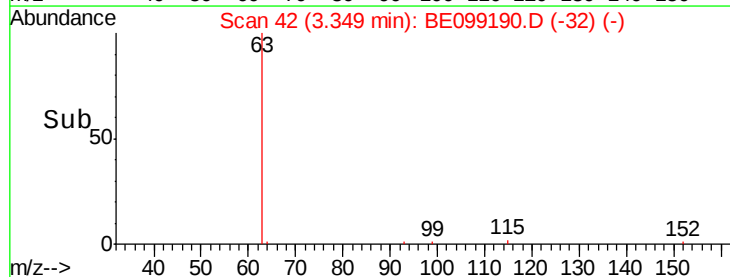
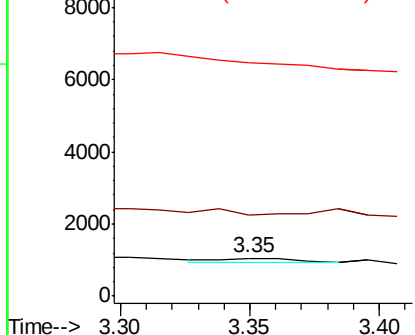
#2

1,4-Dioxane
Concen: 0.056 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

Tgt Ion: 88 Resp: 230
Ion Ratio Lower Upper
88 100
58 0.0 47.4 71.0#
43 0.0 15.6 23.4#



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: 0.031 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

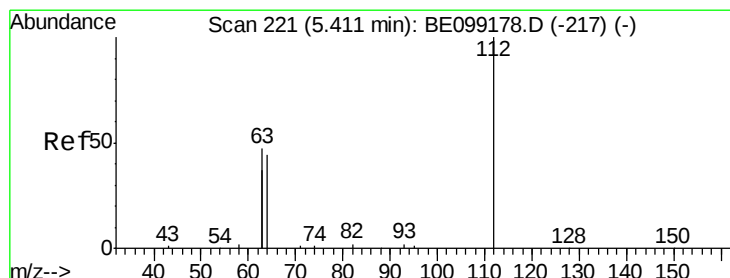
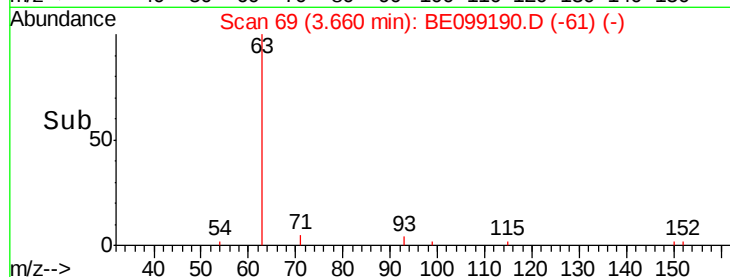
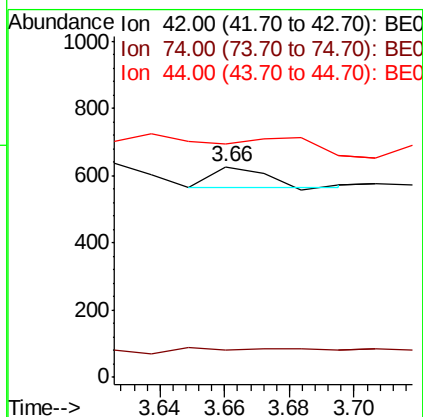
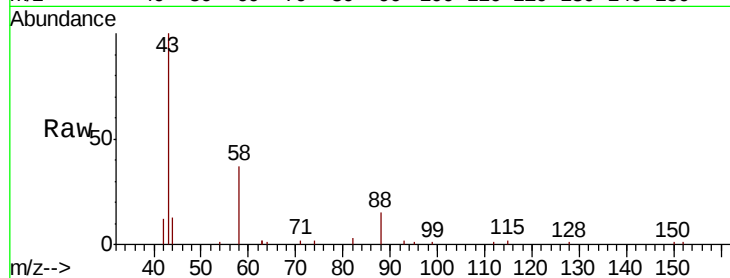
Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

Tgt Ion:	42	Resp:	71
Ion	Ratio	Lower	Upper
42	100		
74	62.0	138.6	207.8#
44	0.0	15.0	22.6#



#4

2-Fluorophenol

Concen: 0.409 ng

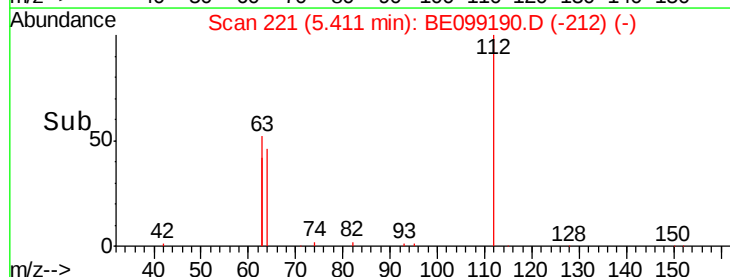
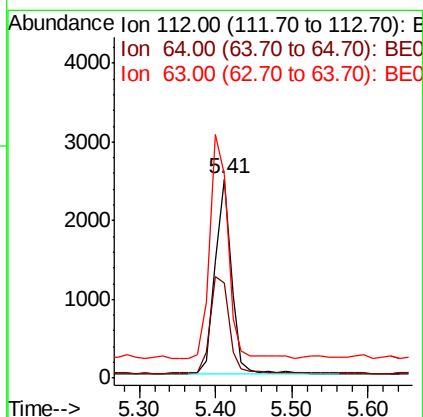
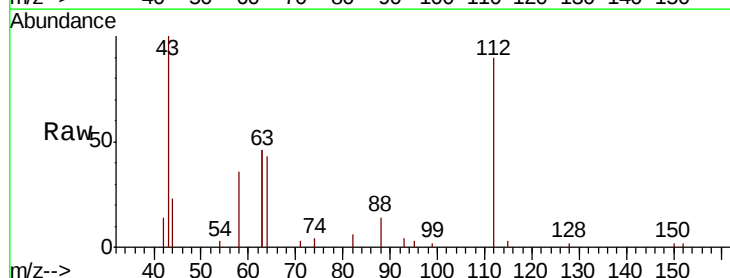
RT: 5.41 min Scan# 221

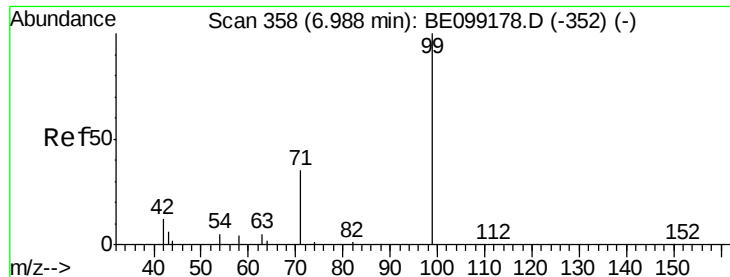
Delta R.T. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Tgt Ion:	112	Resp:	3784
Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.2	69.2
63	122.8	89.9	134.9





#5

Phenol-d6

Concen: 0.388 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

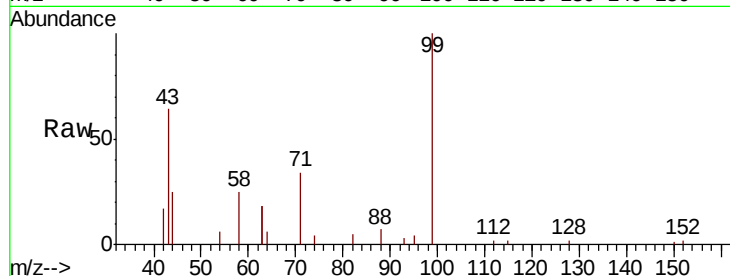
Tgt Ion: 99 Resp: 5487

Ion Ratio Lower Upper

99 100

42 22.9 12.4 18.6#

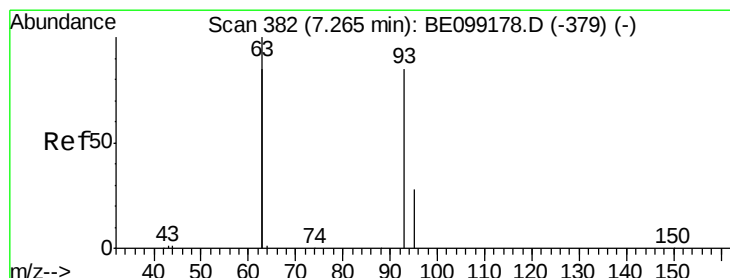
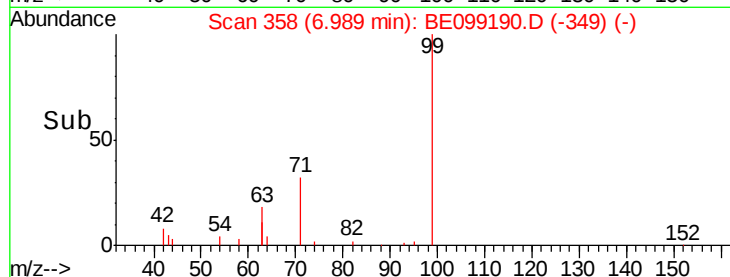
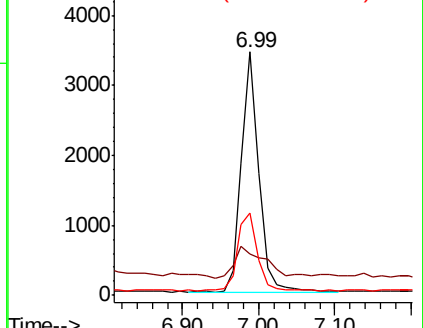
71 37.4 28.4 42.6



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: 0.004 ng

RT: 7.27 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

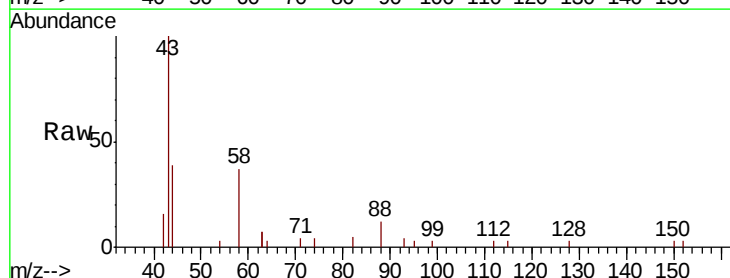
Tgt Ion: 93 Resp: 46

Ion Ratio Lower Upper

93 100

63 0.0 221.4 332.0#

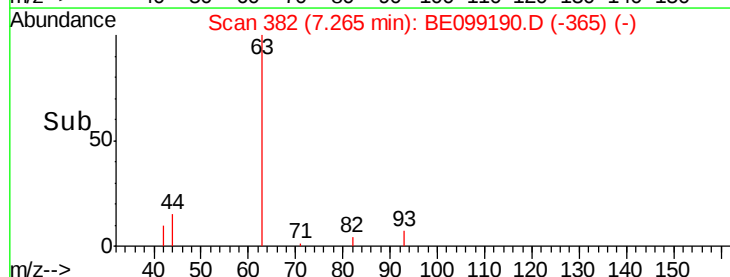
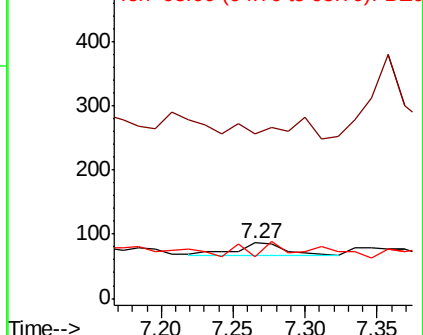
95 58.7 25.8 38.8#



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. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

Tgt Ion:136 Resp: 12754

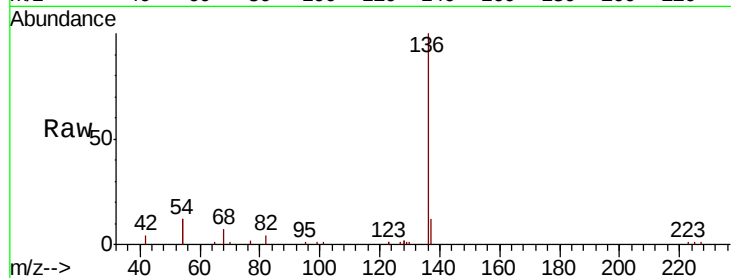
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 23.5 18.7 28.1

68 6.5 5.2 7.8

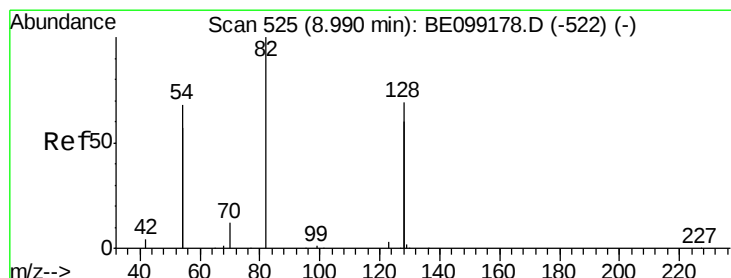
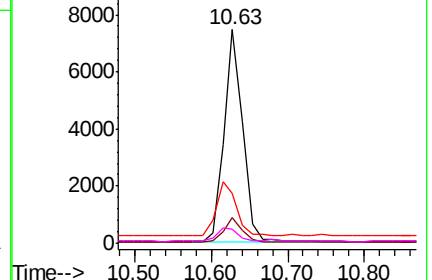
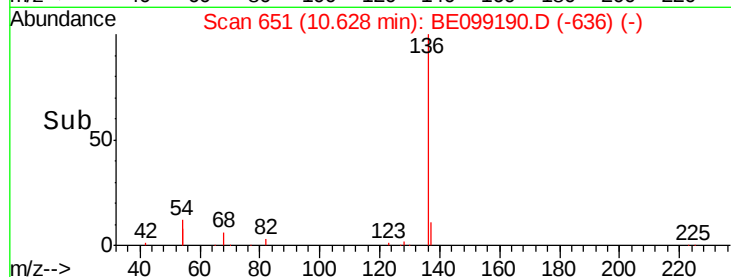


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

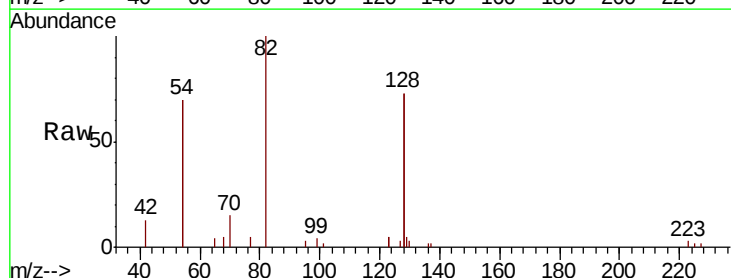
Tgt Ion: 82 Resp: 3820

Ion Ratio Lower Upper

82 100

128 146.3 107.5 161.3

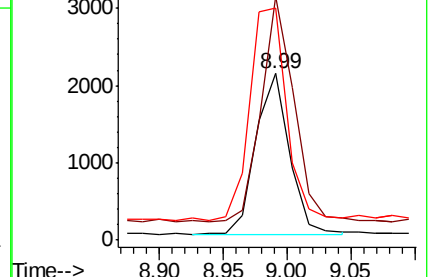
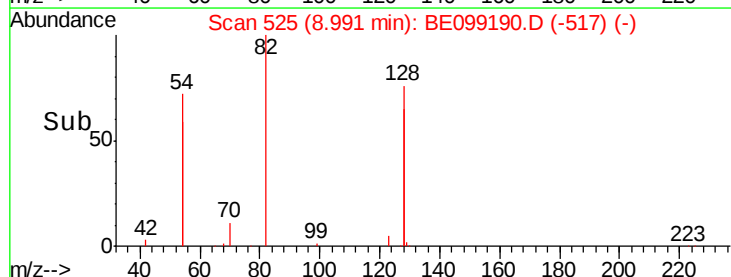
54 139.2 106.3 159.5

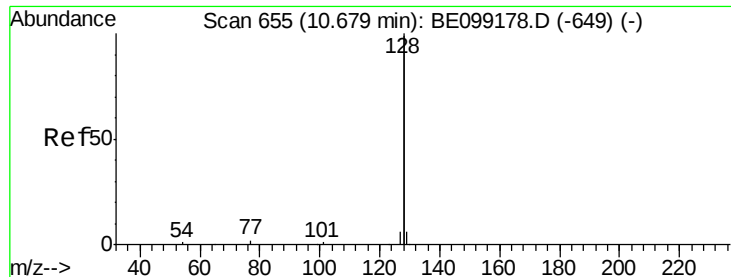


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.014 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099190.D

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PST-026-SW045-031919

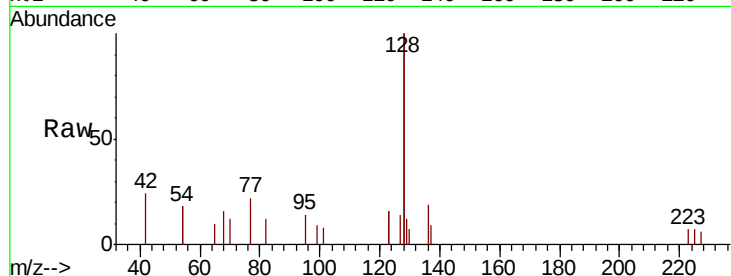
Tgt Ion:128 Resp: 2164

Ion Ratio Lower Upper

128 100

129 5.9 2.3 3.5#

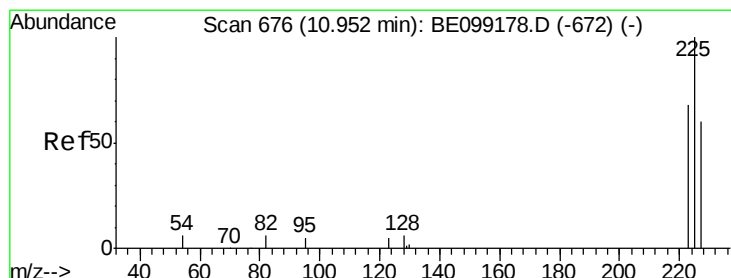
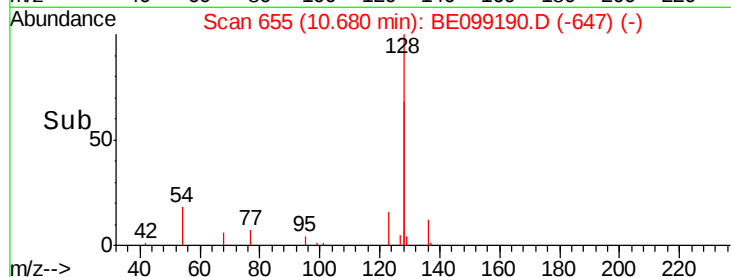
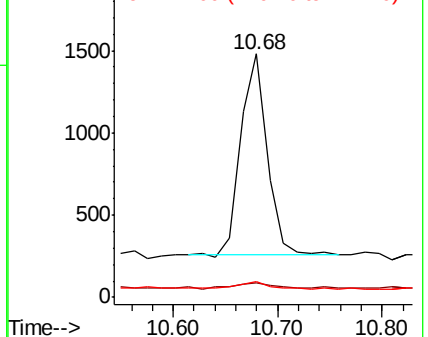
127 6.8 2.6 3.8#



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: 0.001 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

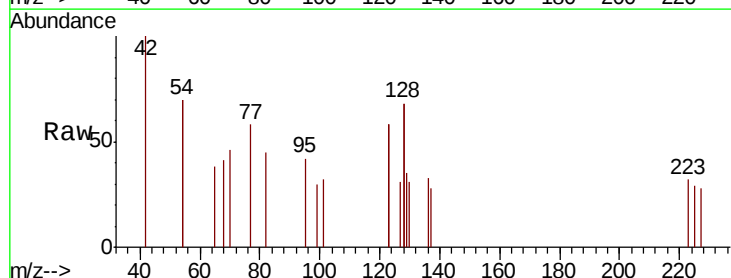
Tgt Ion:225 Resp: 8

Ion Ratio Lower Upper

225 100

223 0.0 51.3 76.9#

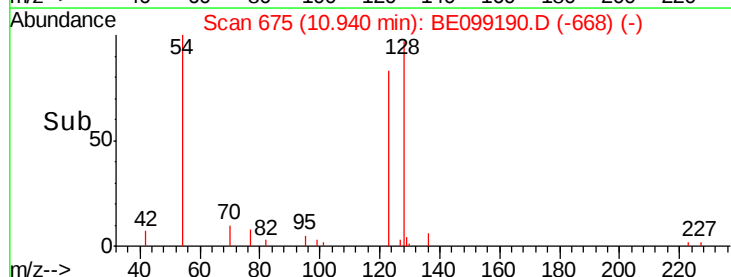
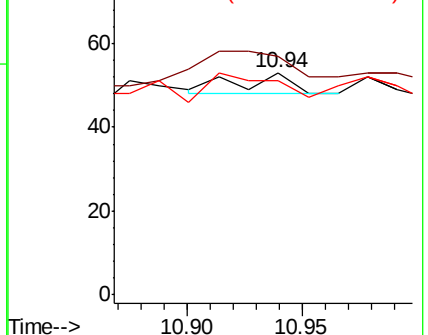
227 0.0 48.6 73.0#

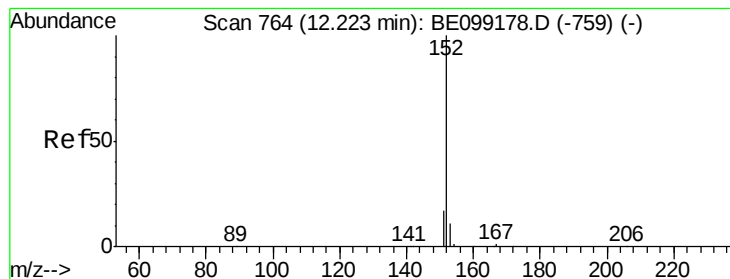


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

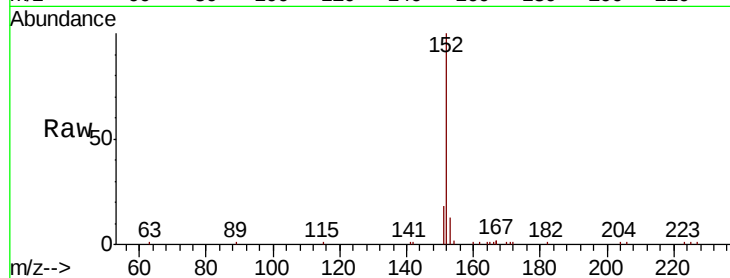
PST-026-SW045-031919

Tgt Ion:152 Resp: 9153

Ion Ratio Lower Upper

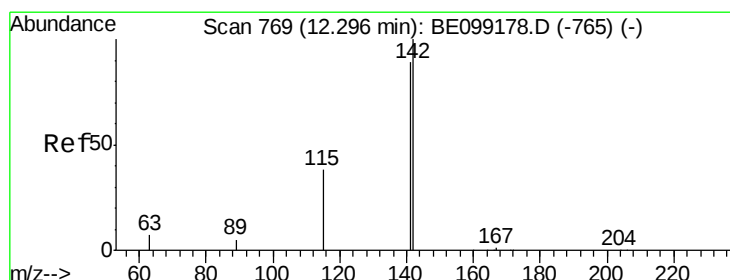
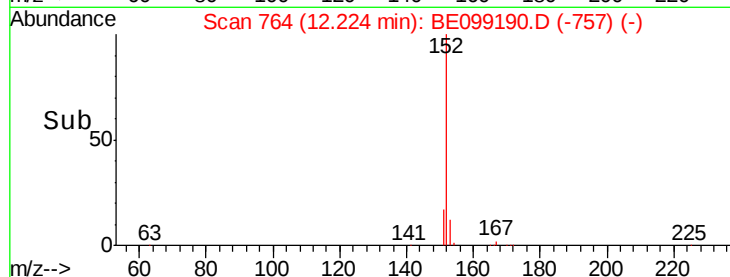
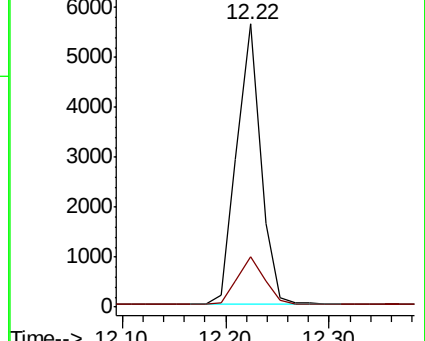
152 100

151 19.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.009 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

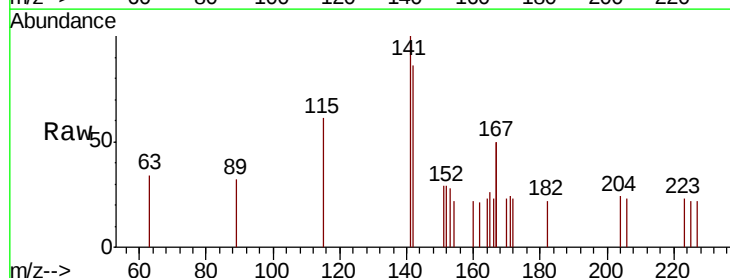
Tgt Ion:142 Resp: 254

Ion Ratio Lower Upper

142 100

141 116.7 71.3 106.9#

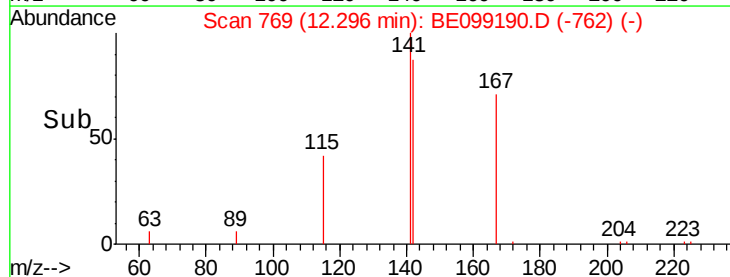
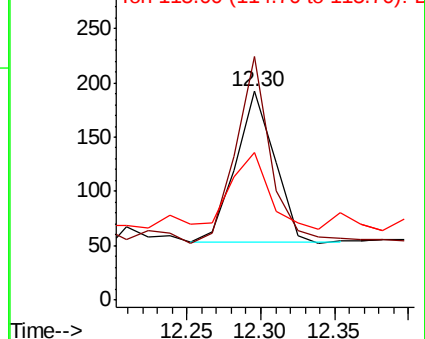
115 70.8 30.4 45.6#

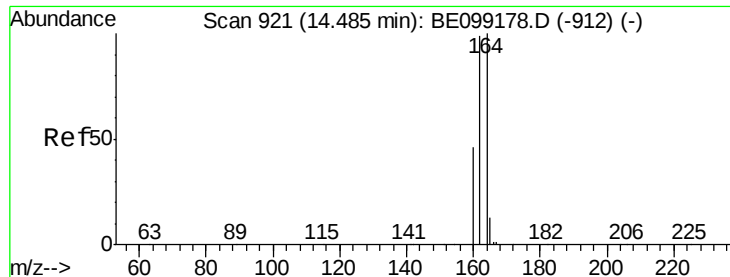


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

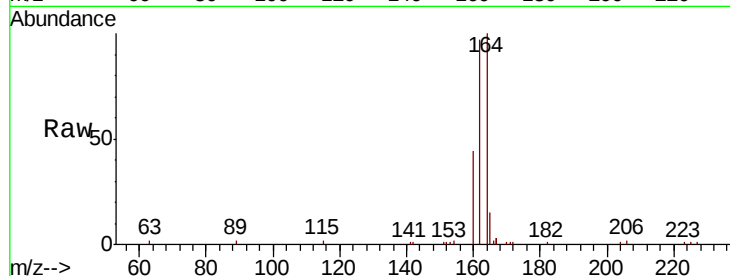




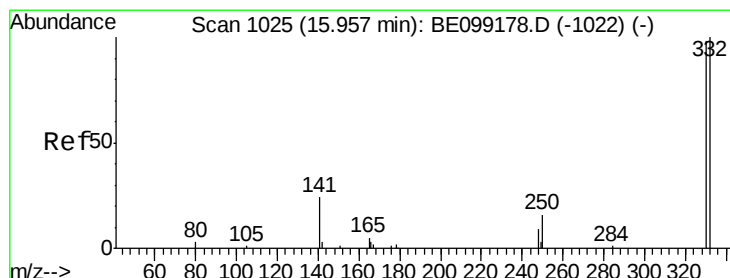
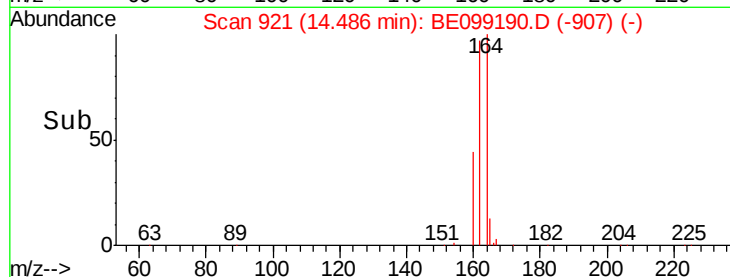
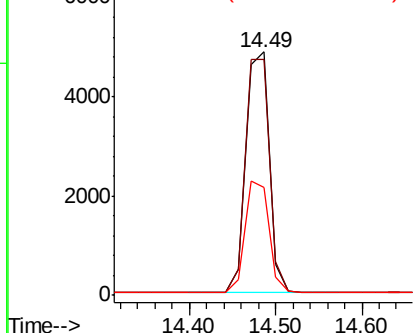
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:164 Resp: 9172
Ion Ratio Lower Upper
164 100
162 96.8 79.2 118.8
160 44.1 36.7 55.1

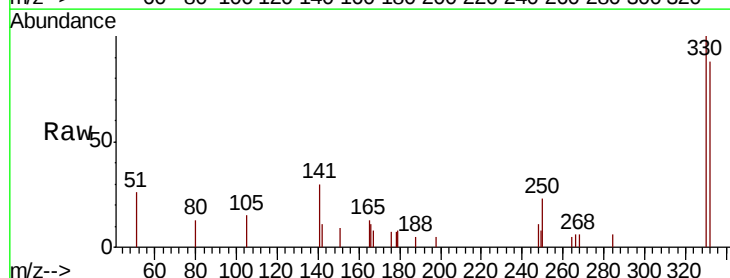


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

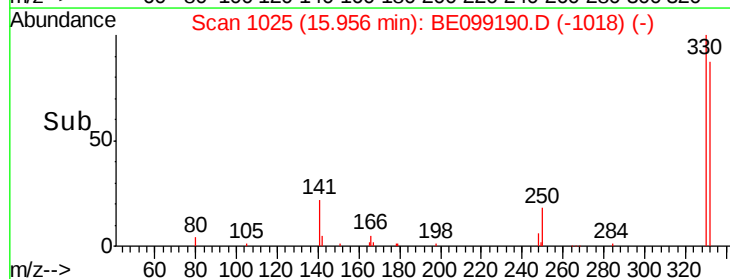
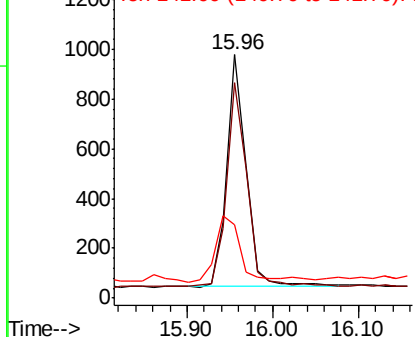


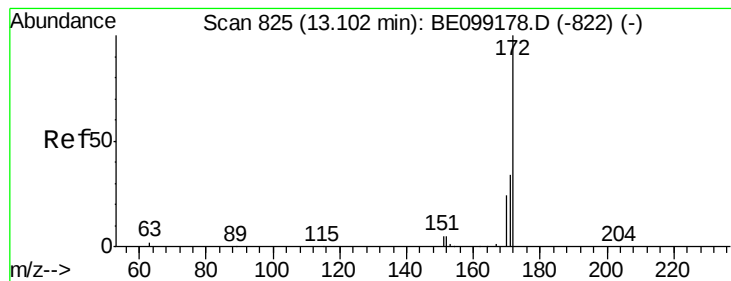
#14
2,4,6-Tribromophenol
Concen: 0.510 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

Tgt Ion:330 Resp: 1471
Ion Ratio Lower Upper
330 100
332 91.0 71.3 106.9
141 37.0 21.7 32.5#



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

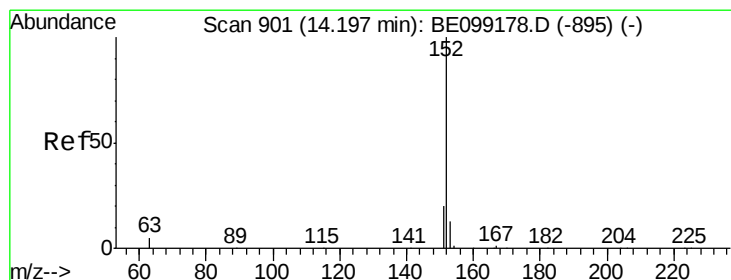
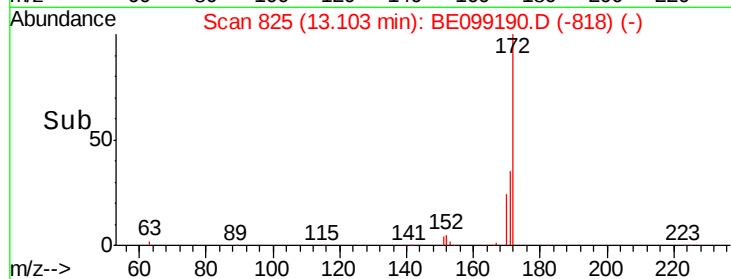
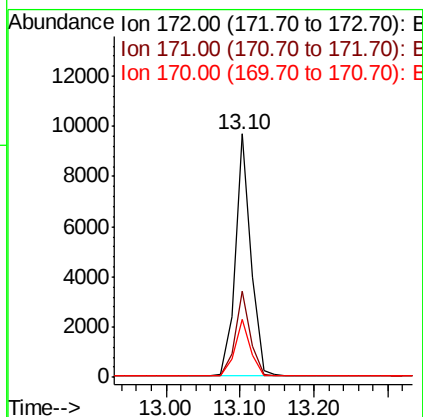
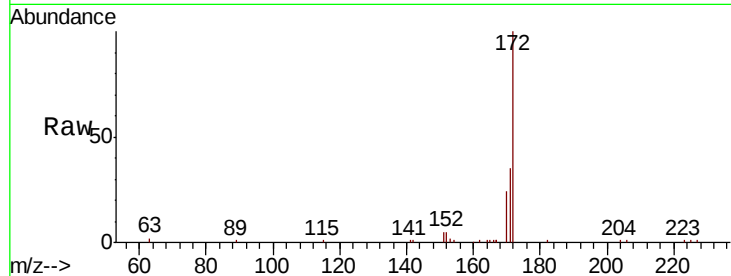




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

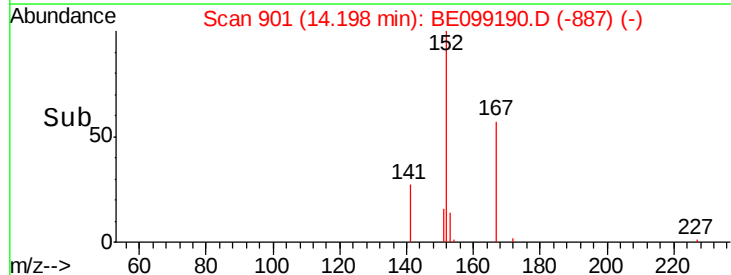
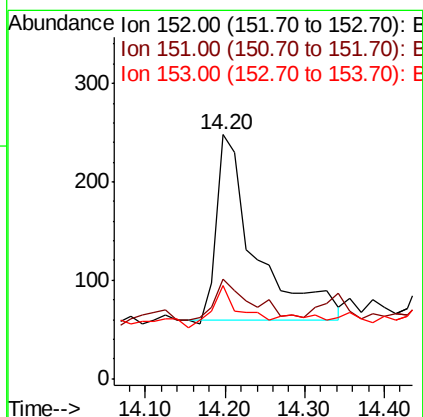
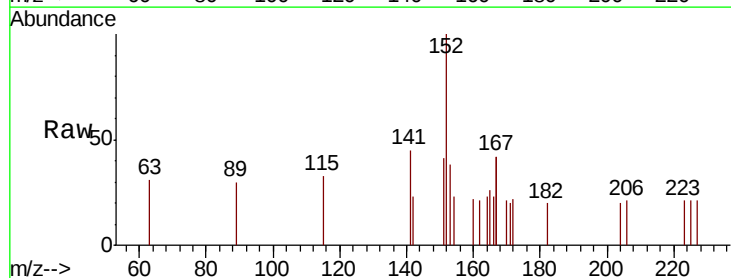
Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

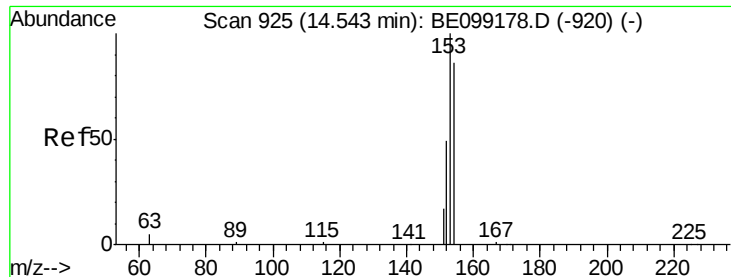
Tgt Ion:172 Resp: 14138
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 23.9 19.1 28.7



#16
Acenaphthylene
Concen: 0.014 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

Tgt Ion:152 Resp: 643
Ion Ratio Lower Upper
152 100
151 22.2 15.7 23.5
153 16.0 10.6 15.8#

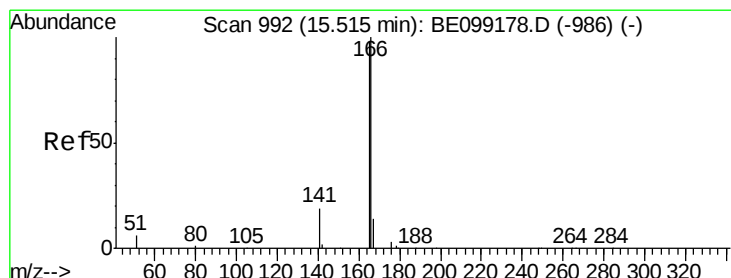
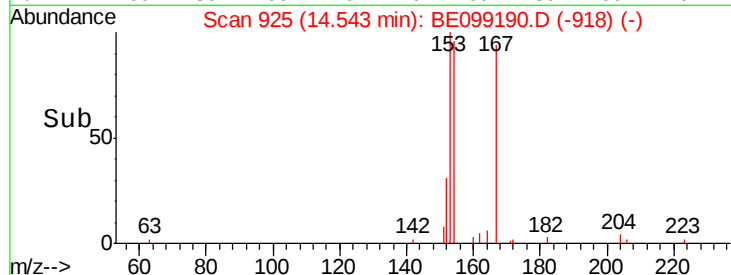
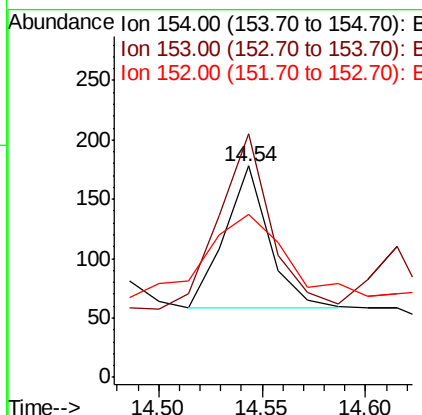
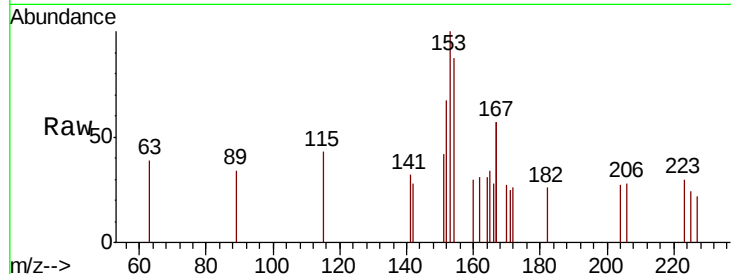




#17
Acenaphthene
Concen: 0.006 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

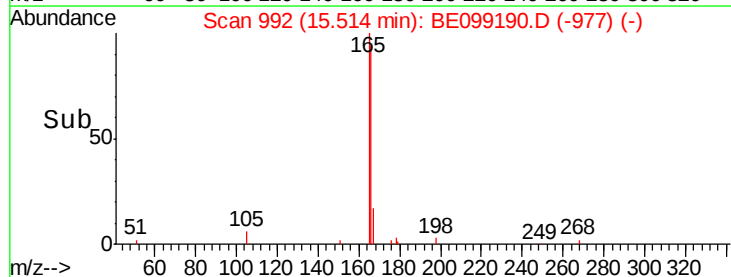
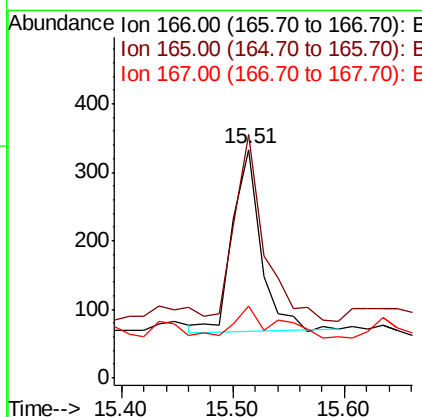
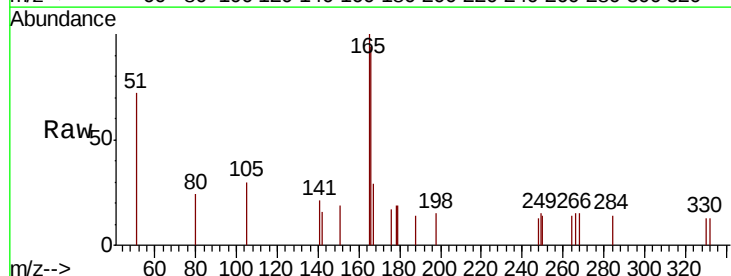
Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

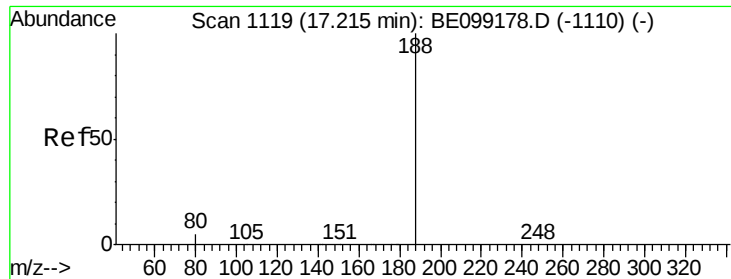
Tgt Ion:154 Resp: 178
Ion Ratio Lower Upper
154 100
153 146.1 93.4 140.0#
152 99.4 46.6 69.8#



#18
Fluorene
Concen: 0.012 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

Tgt Ion:166 Resp: 461
Ion Ratio Lower Upper
166 100
165 109.1 78.9 118.3
167 25.2 10.9 16.3#

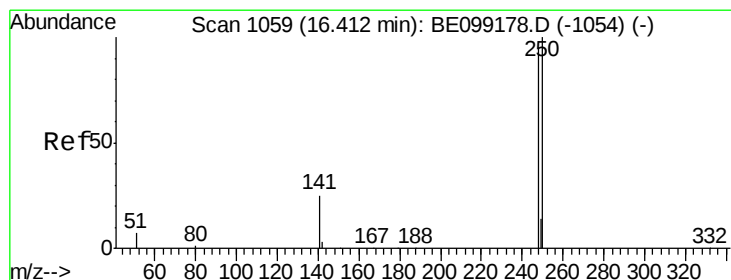
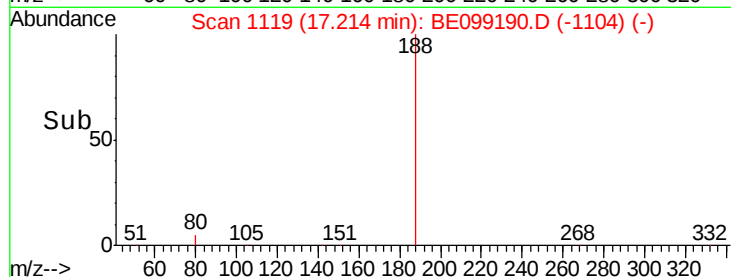
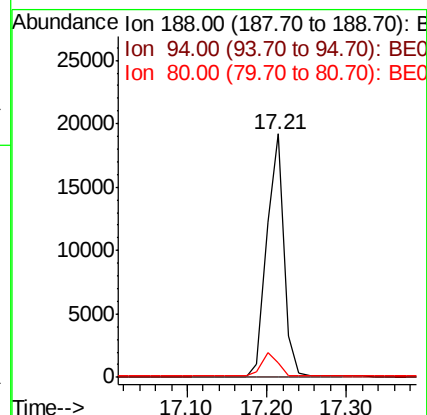
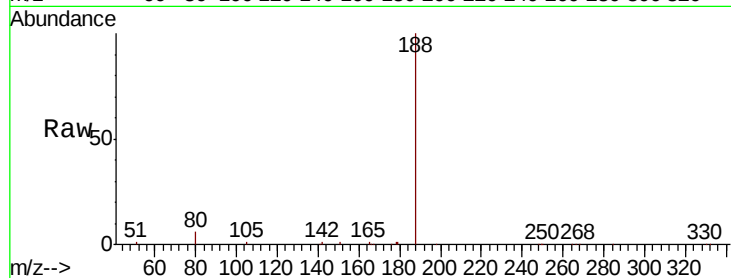




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

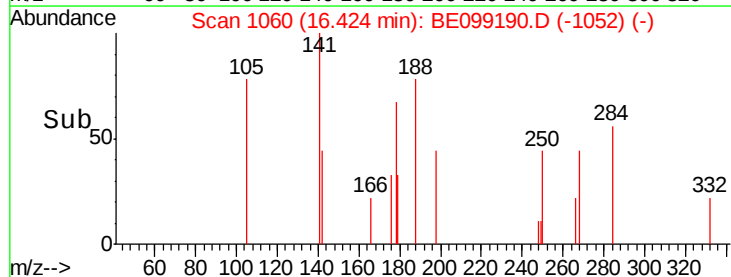
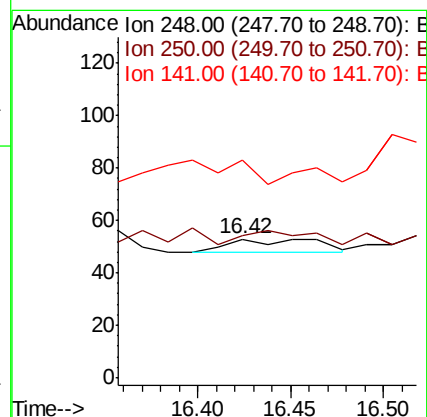
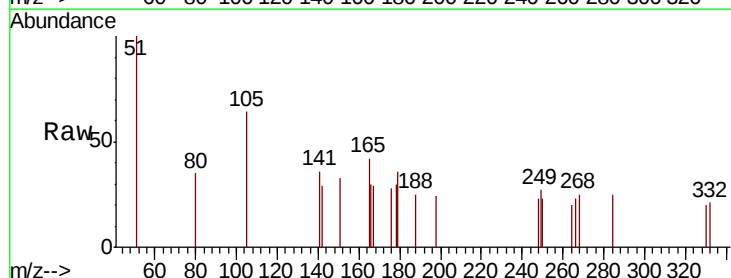
Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

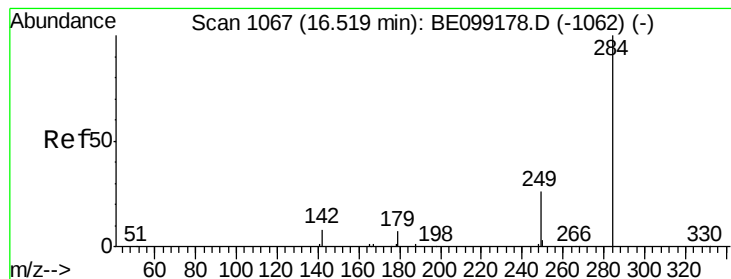
Tgt Ion:188 Resp: 29048
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.9 4.5 6.7



#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

Tgt Ion:248 Resp: 17
Ion Ratio Lower Upper
248 100
250 101.9 84.2 126.2
141 156.6 21.8 32.6#





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

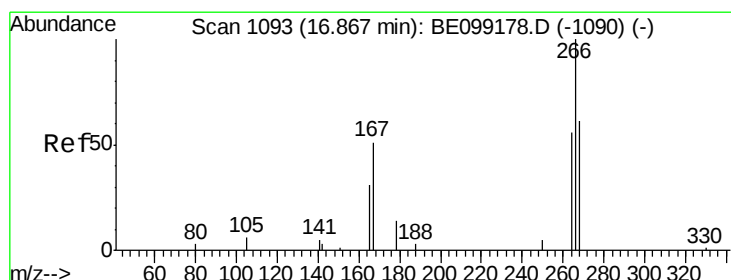
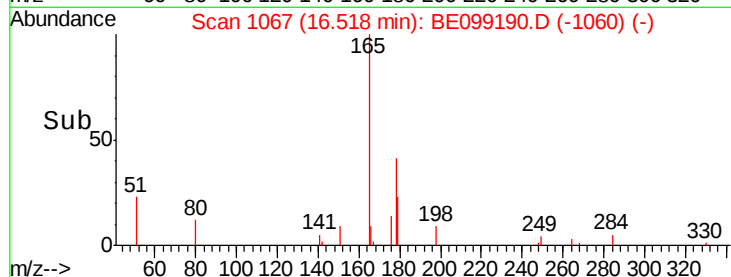
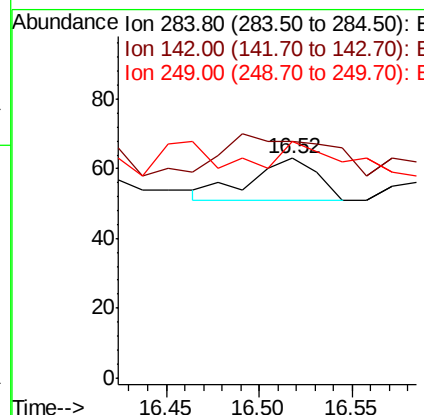
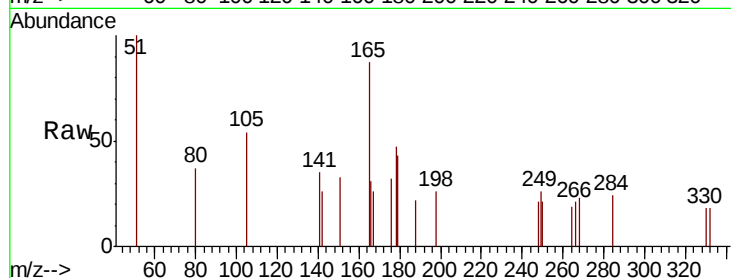
Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

Tgt Ion:	284	Resp:	30
Ion Ratio	Lower	Upper	
284	100		
142	0.0	22.7	34.1#
249	40.0	26.9	40.3



#22

Pentachlorophenol

Concen: 0.270 ng

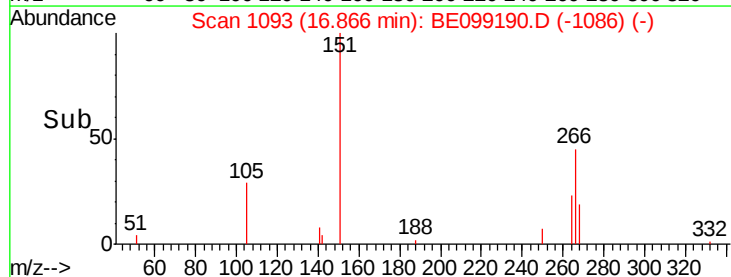
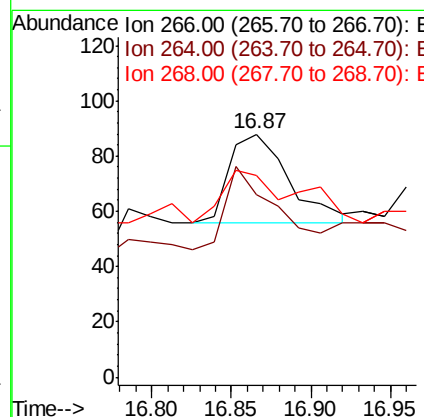
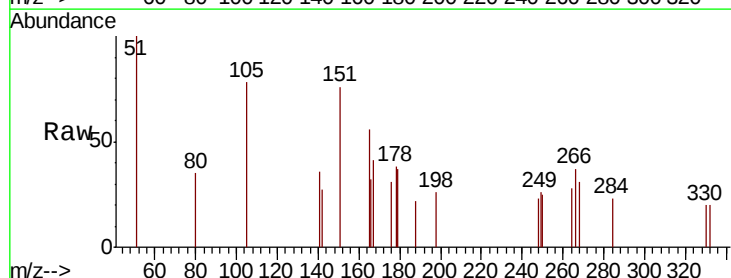
RT: 16.87 min Scan# 1093

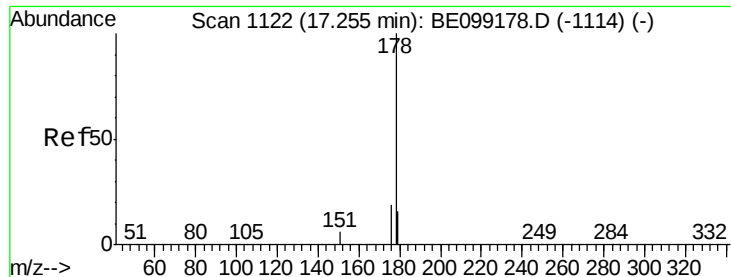
Delta R.T. -0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Tgt Ion:	266	Resp:	83
Ion Ratio	Lower	Upper	
266	100		
264	75.0	54.4	81.6
268	83.0	61.3	91.9





#23

Phenanthrene

Concen: 0.145 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

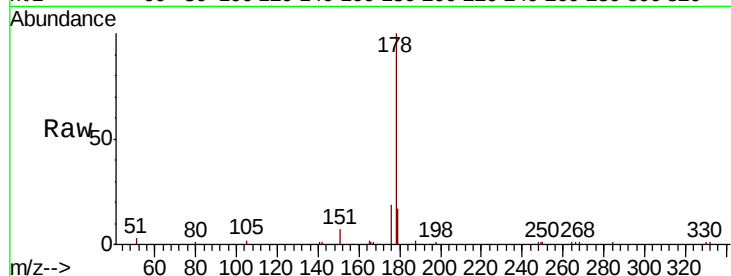
Tgt Ion:178 Resp: 12363

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

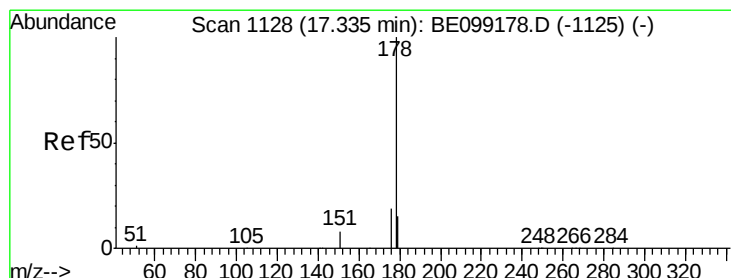
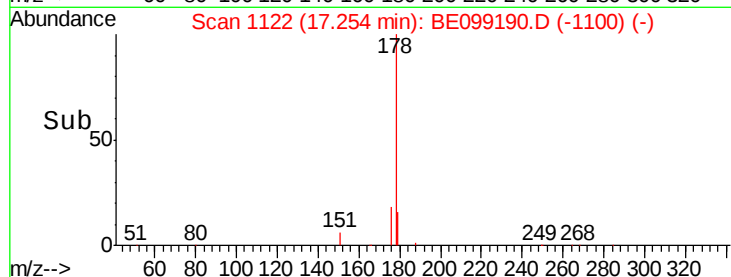
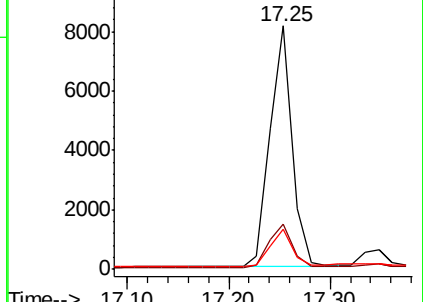
179 16.6 12.3 18.5



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: 0.011 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

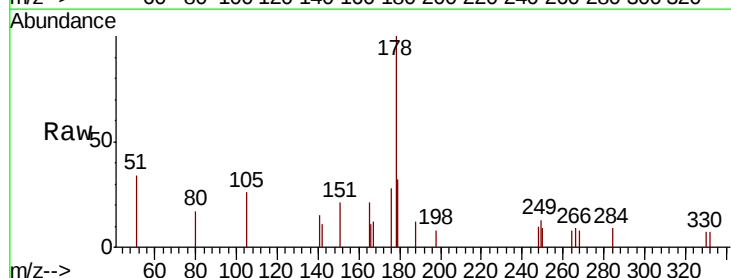
Tgt Ion:178 Resp: 844

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

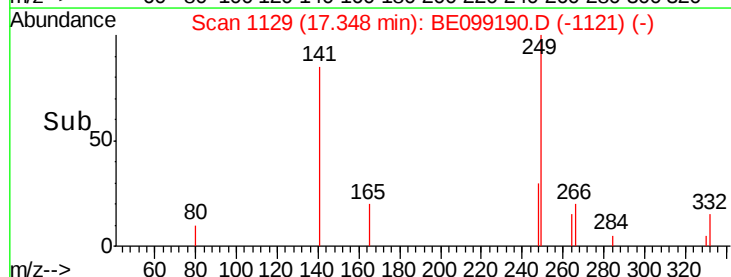
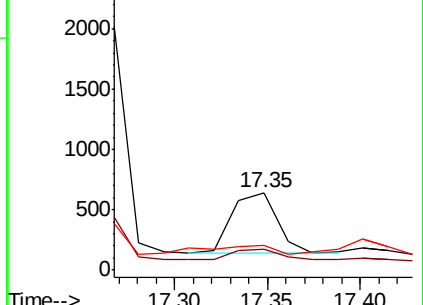
179 22.0 12.4 18.6#

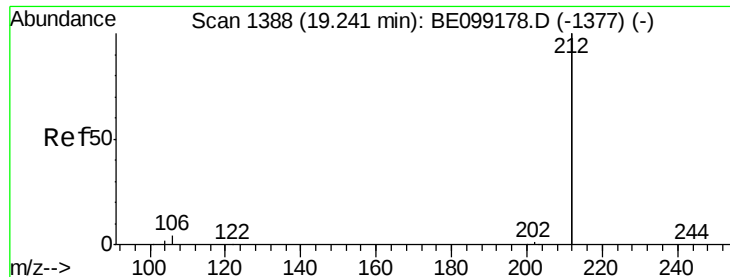


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

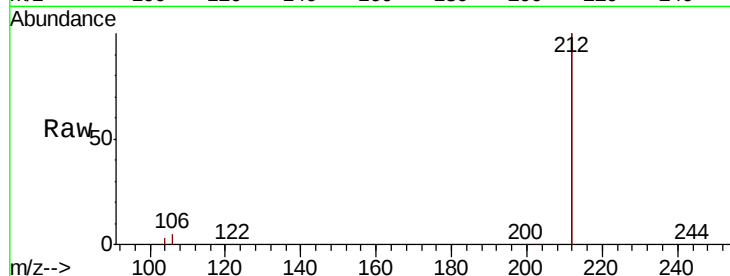
Tgt Ion:212 Resp: 139618

Ion Ratio Lower Upper

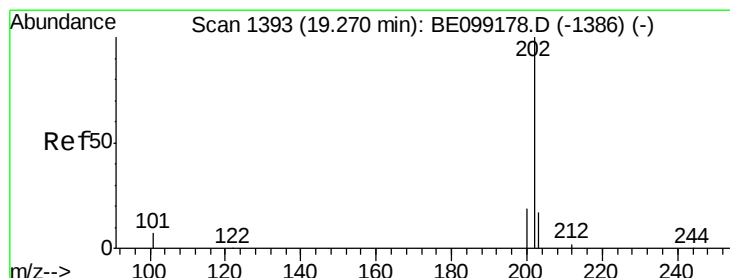
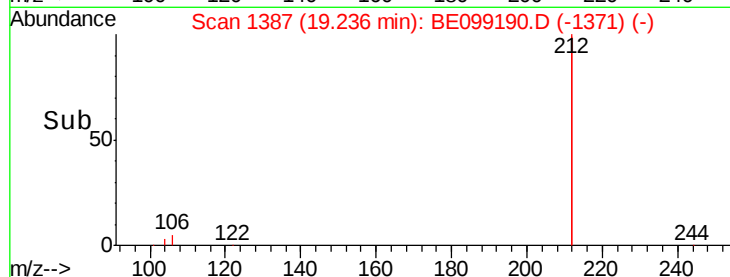
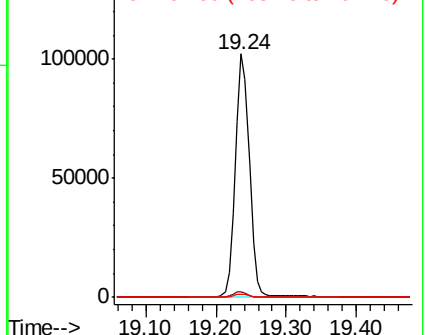
212 100

106 2.4 1.8 2.8

104 1.4 1.1 1.7



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: 0.196 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

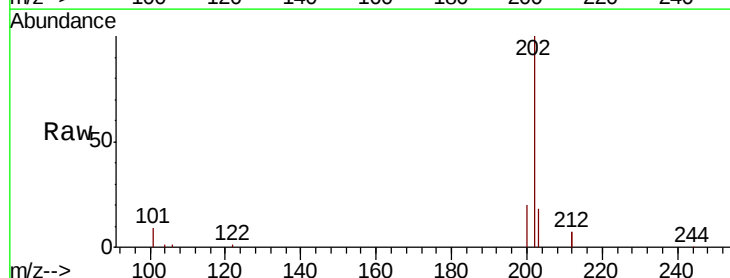
Tgt Ion:202 Resp: 21370

Ion Ratio Lower Upper

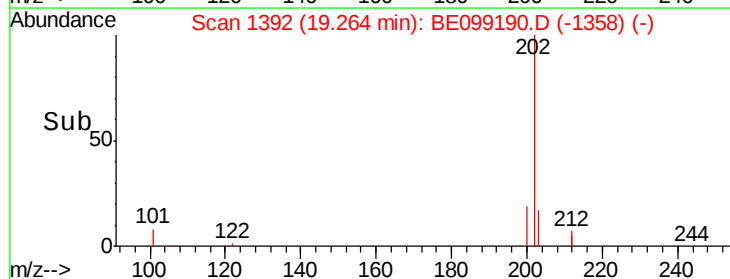
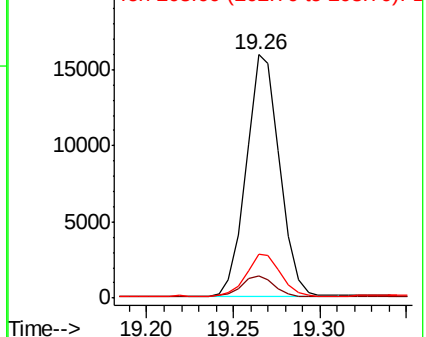
202 100

101 8.8 7.0 10.4

203 17.7 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

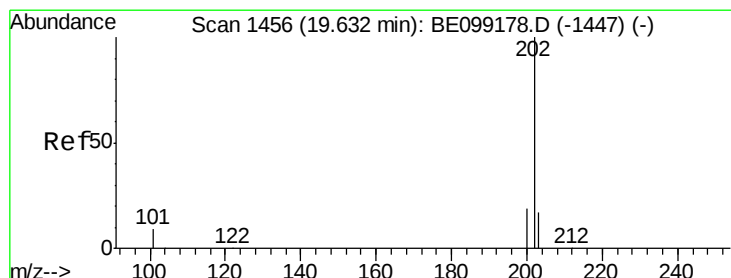
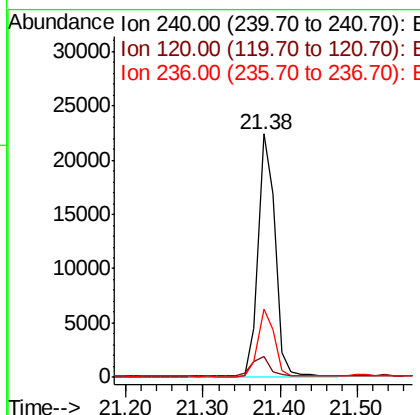
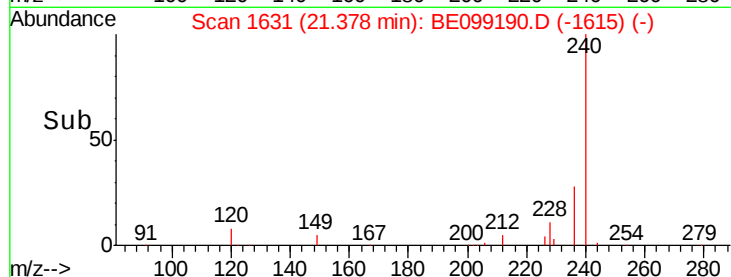
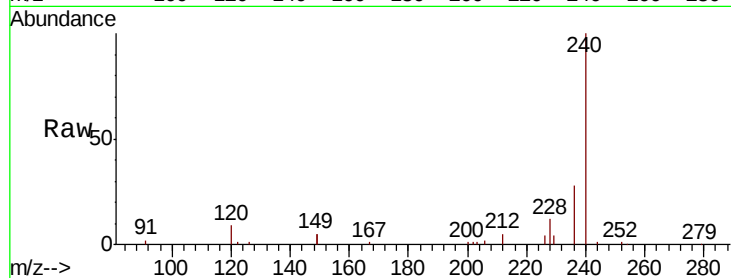




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

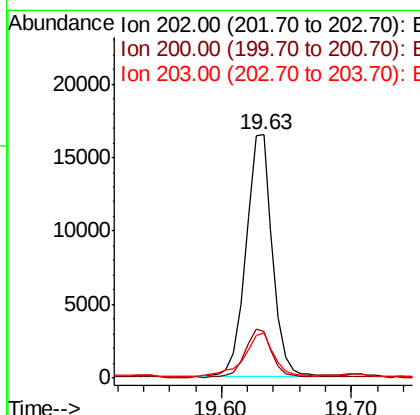
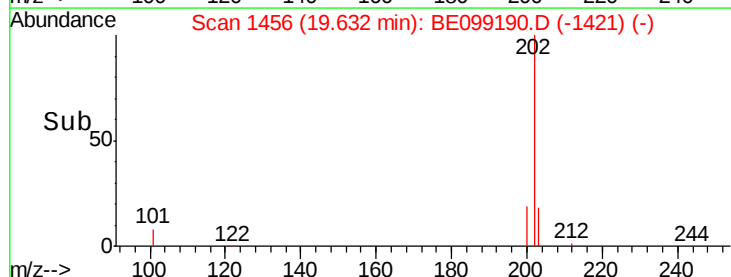
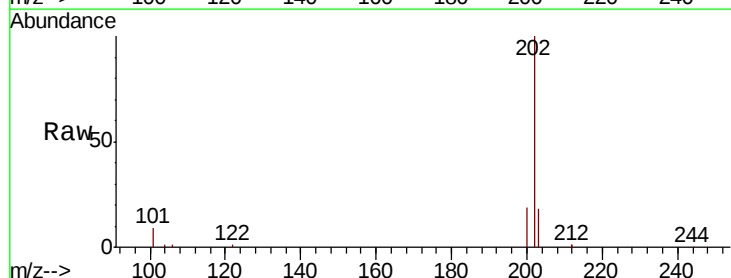
Instrument :
BNA_E
ClientSampleId :
PST-026-SW045-031919

Tgt Ion:240 Resp: 34226
Ion Ratio Lower Upper
240 100
120 8.8 2.6 3.8#
236 28.3 20.9 31.3



#28
Pyrene
Concen: 0.205 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099190.D
Acq: 25 Mar 2019 21:31

Tgt Ion:202 Resp: 23259
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.8
203 19.9 14.1 21.1





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

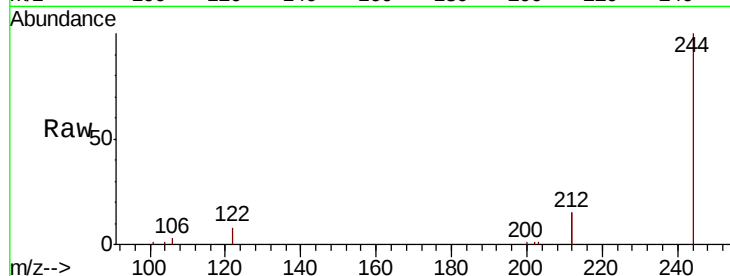
Tgt Ion:244 Resp: 25173

Ion Ratio Lower Upper

244 100

212 30.1 22.7 34.1

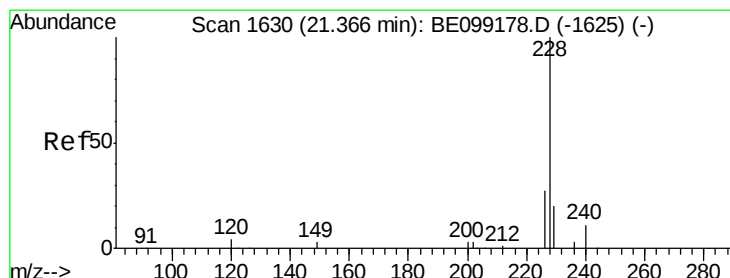
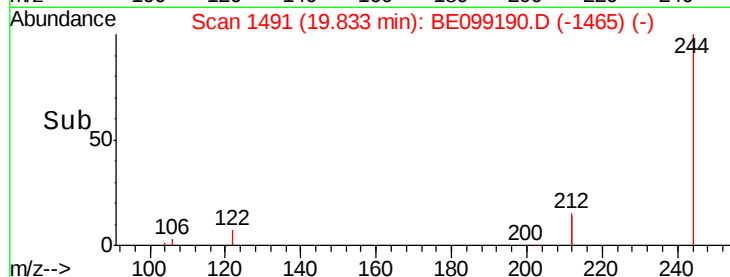
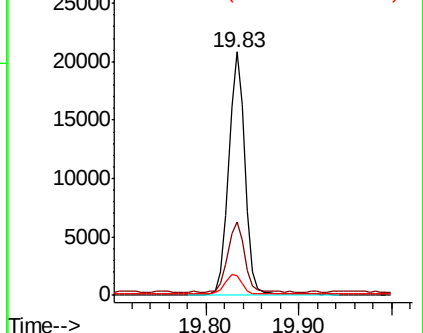
122 7.8 5.8 8.6



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: 0.096 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

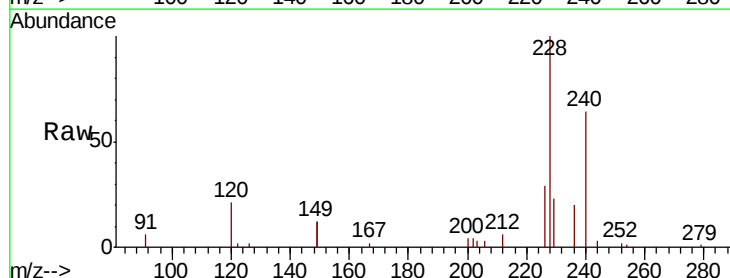
Tgt Ion:228 Resp: 10879

Ion Ratio Lower Upper

228 100

226 28.9 21.7 32.5

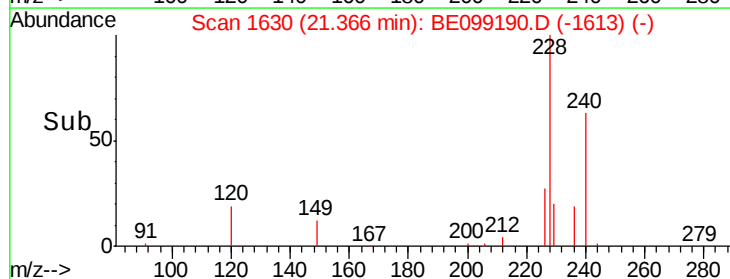
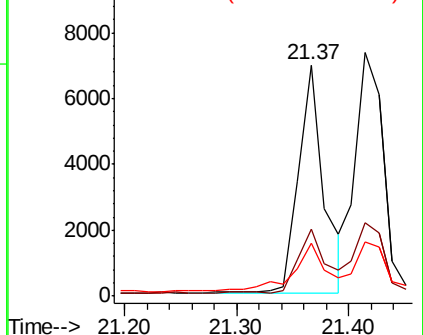
229 23.1 15.9 23.9



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: 0.101 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

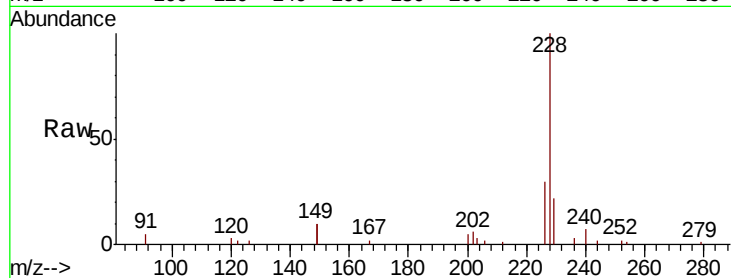
Tgt Ion:228 Resp: 12246

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

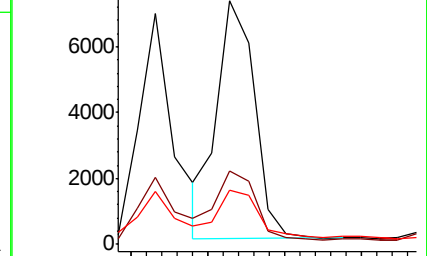
229 22.5 15.4 23.0



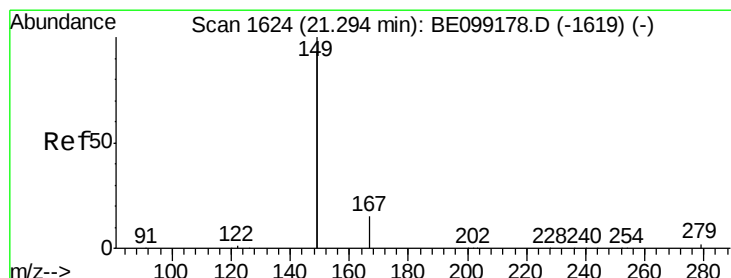
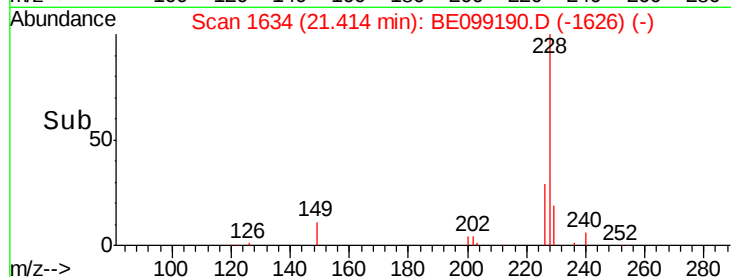
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

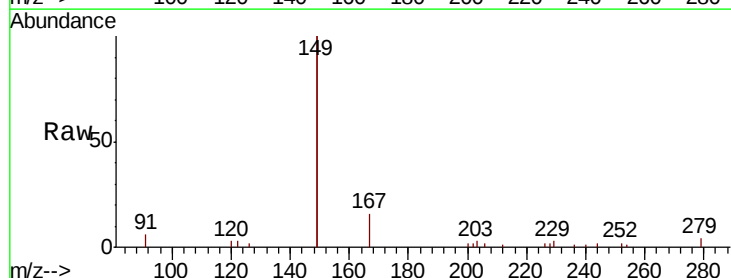
Tgt Ion:149 Resp: 19023

Ion Ratio Lower Upper

149 100

167 6.9 5.9 8.9

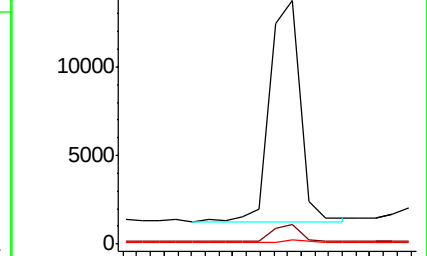
279 1.4 1.0 1.6



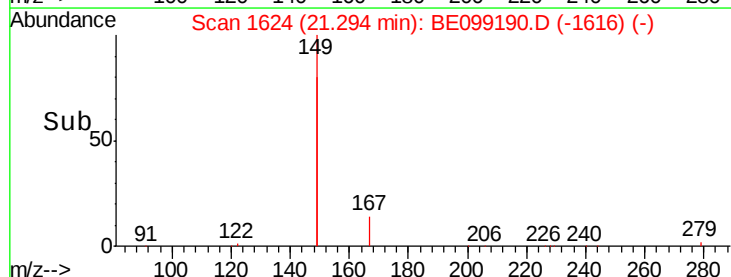
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.053 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

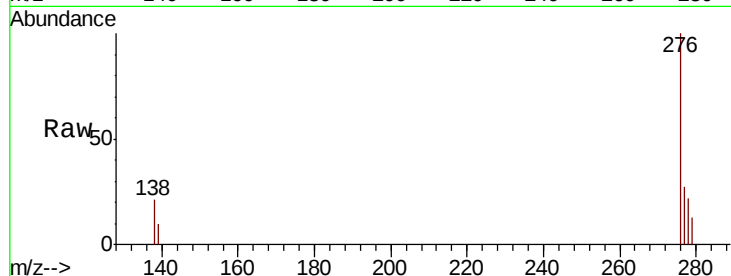
Tgt Ion: 276 Resp: 6031

Ion Ratio Lower Upper

276 100

138 12.0 12.9 19.3#

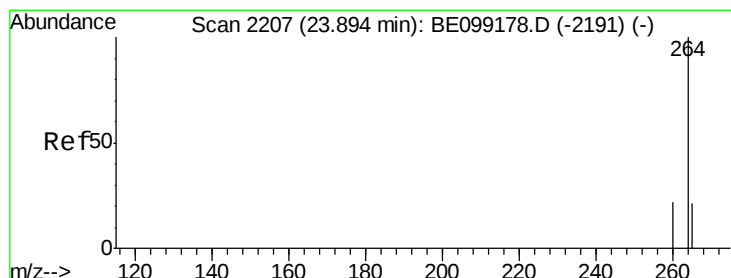
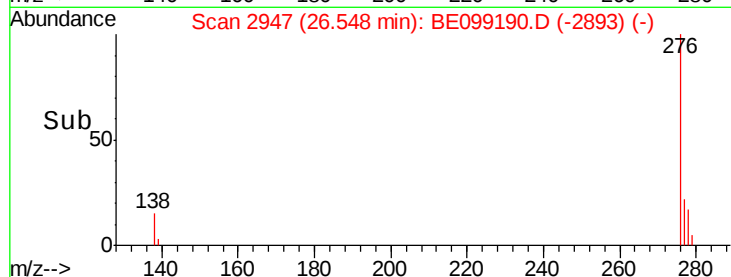
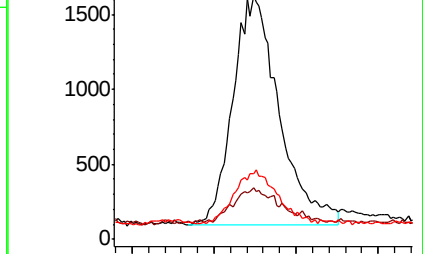
277 21.7 18.3 27.5



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. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

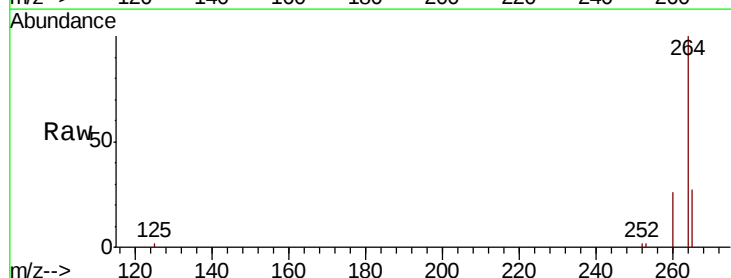
Tgt Ion: 264 Resp: 34173

Ion Ratio Lower Upper

264 100

260 25.7 18.2 27.2

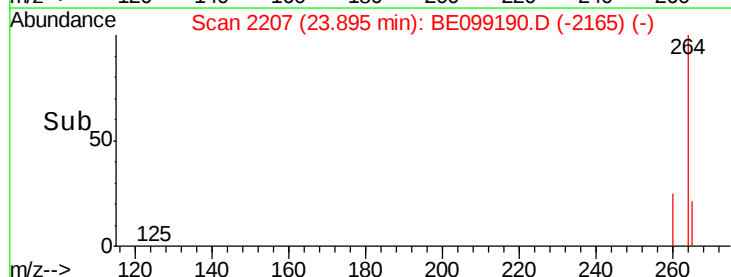
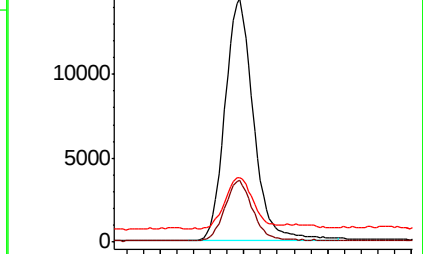
265 26.5 21.8 32.8



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: 0.125 ng

RT: 23.12 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

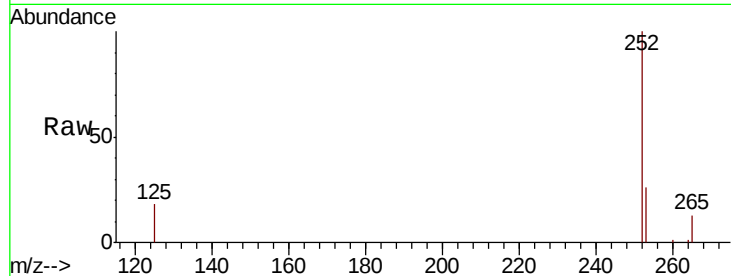
Tgt Ion:252 Resp: 14082

Ion Ratio Lower Upper

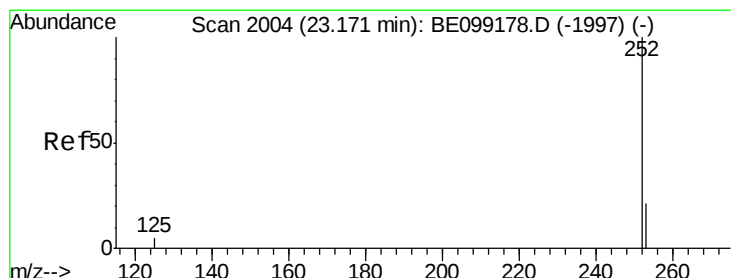
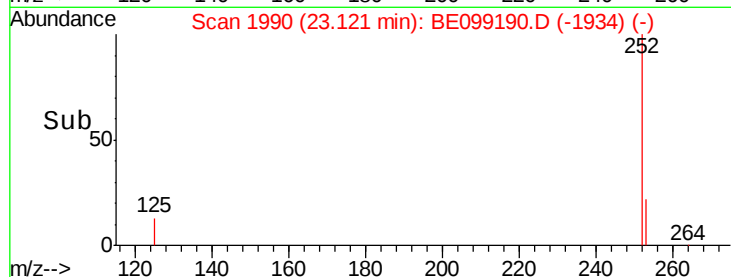
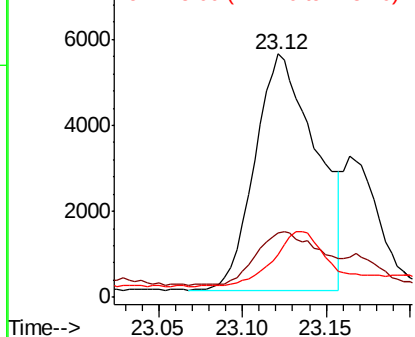
252 100

253 26.5 17.8 26.8

125 17.8 6.1 9.1#



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



#36

Benzo(k)fluoranthene

Concen: 0.118 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.05 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

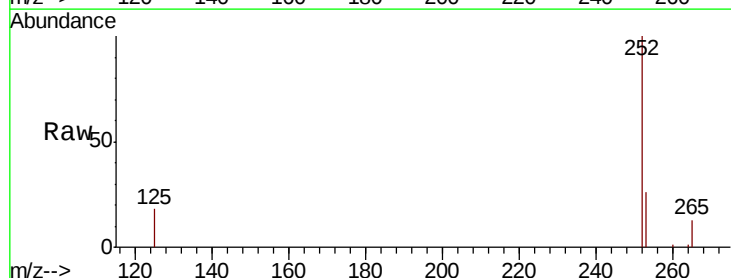
Tgt Ion:252 Resp: 14082

Ion Ratio Lower Upper

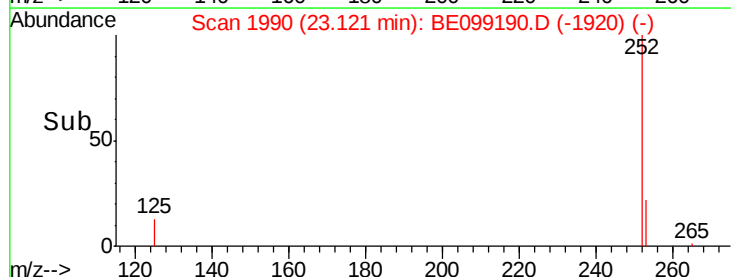
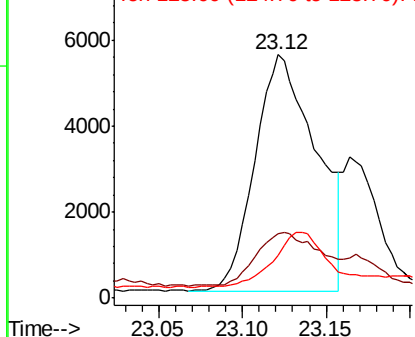
252 100

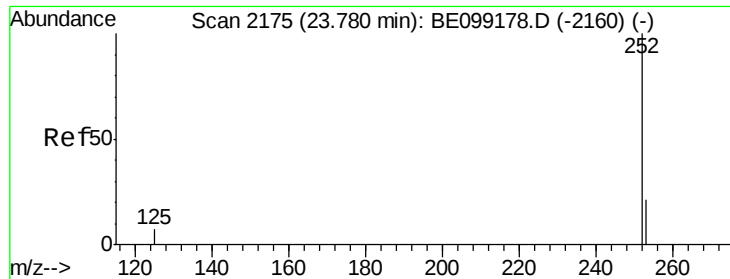
253 26.5 17.8 26.6

125 17.8 5.9 8.9#



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





#37

Benzo(a)pyrene

Concen: 0.088 ng

RT: 23.78 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919

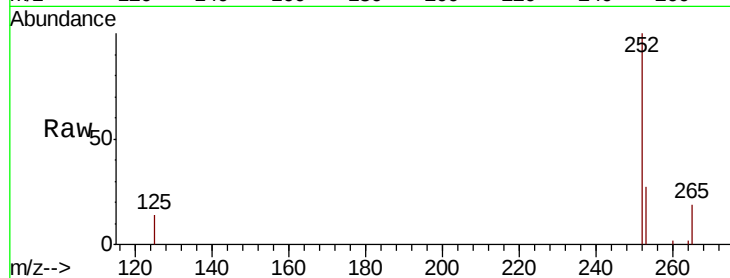
Tgt Ion:252 Resp: 9251

Ion Ratio Lower Upper

252 100

253 27.2 18.1 27.1#

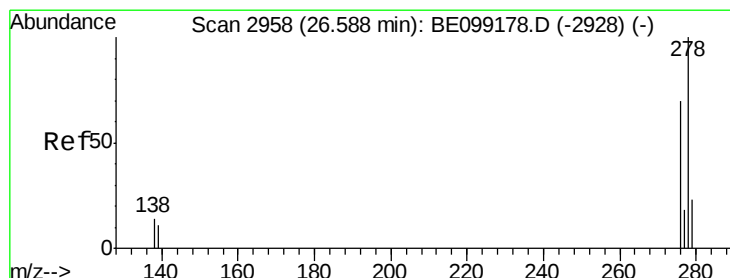
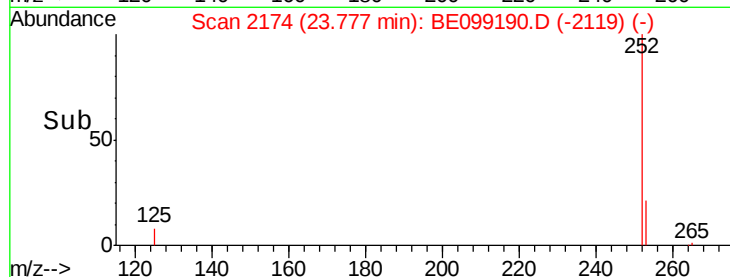
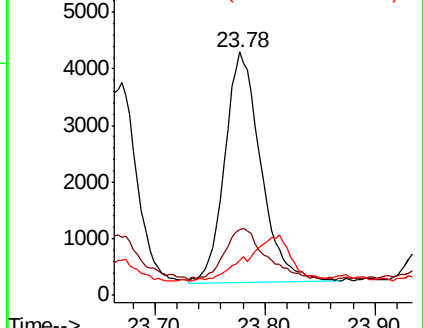
125 14.4 6.8 10.2#



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: 0.006 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.04 min

Lab File: BE099190.D

Acq: 25 Mar 2019 21:31

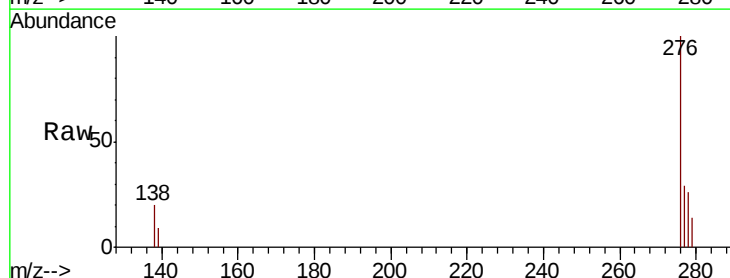
Tgt Ion:278 Resp: 571

Ion Ratio Lower Upper

278 100

139 34.1 9.5 14.3#

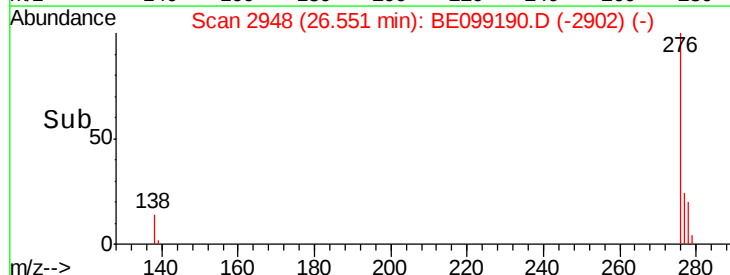
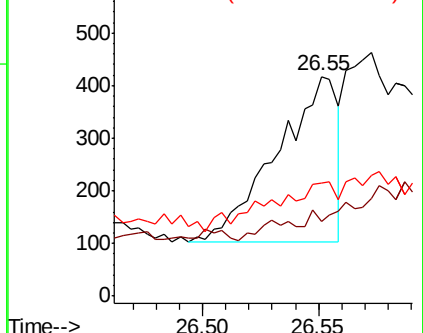
279 51.8 19.1 28.7#

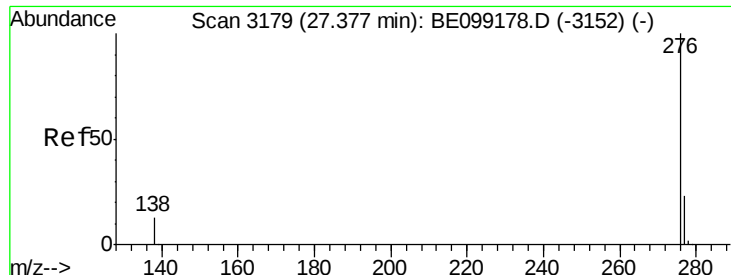


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.069 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BE099190.D

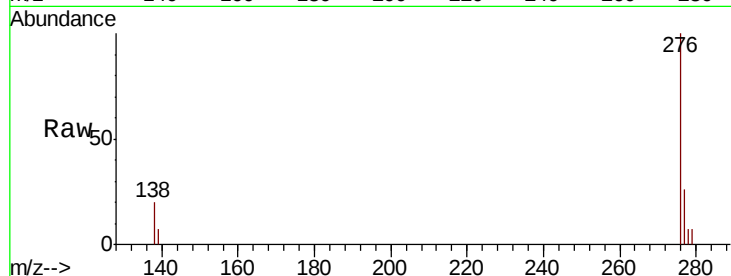
Acq: 25 Mar 2019 21:31

Instrument :

BNA_E

ClientSampleId :

PST-026-SW045-031919



Tgt Ion: 276 Resp: 6471

Ion Ratio Lower Upper

276 100

277 26.0 19.0 28.4

138 19.7 11.1 16.7#

