

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099258.D
 Acq On : 29 Mar 2019 17:06
 Operator : JU/SJ
 Sample : K1982-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-027-B114-032519

Quant Time: Mar 29 22:56:46 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	7.83	152	3033	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	12746	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9936	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	30420	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	38705	0.40	ng	-0.01
34) Perylene-d12	23.88	264	39545	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	2083	0.23	ng	0.00
5) Phenol-d6	6.99	99	2982	0.22	ng	0.00
8) Nitrobenzene-d5	8.98	82	2384	0.23	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	5567	0.23	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1006	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	8185	0.20	ng	0.00
25) Fluoranthene-d10	19.23	212	81400	0.22	ng	-0.01
29) Terphenyl-d14	19.83	244	12713	0.15	ng	0.00

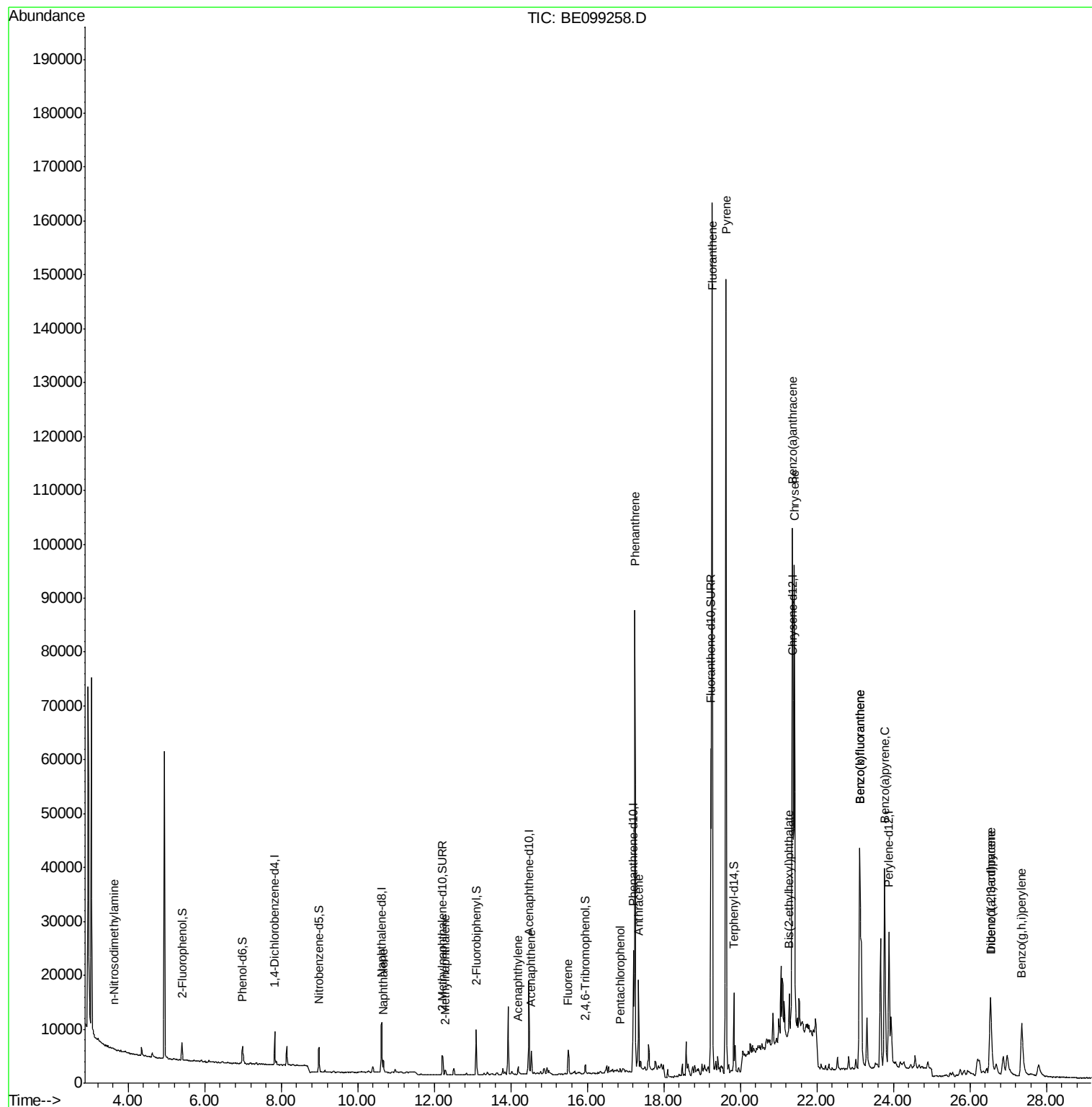
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.62	42	245	0.109	ng	# 1
9) Naphthalene	10.67	128	4180	0.028	ng	# 94
12) 2-Methylnaphthalene	12.30	142	804	0.030	ng	# 86
16) Acenaphthylene	14.20	152	2269	0.045	ng	98
17) Acenaphthene	14.53	154	2533	0.084	ng	97
18) Fluorene	15.50	166	3619	0.085	ng	# 95
22) Pentachlorophenol	16.85	266	27	0.248	ng	# 76
23) Phenanthrene	17.24	178	92189	1.032	ng	100
24) Anthracene	17.34	178	17267	0.214	ng	# 94
26) Fluoranthene	19.26	202	156084	1.369	ng	98
28) Pyrene	19.63	202	142602	1.109	ng	# 95
30) Benzo(a)anthracene	21.37	228	94894	0.743	ng	98
31) Chrysene	21.41	228	76884	0.563	ng	96
32) Bis(2-ethylhexyl)phthalate	21.28	149	8040	0.053	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.54	276	32559	0.252	ng	# 74
35) Benzo(b)fluoranthene	23.11	252	84991	0.653	ng	# 92
36) Benzo(k)fluoranthene	23.11	252	84991	0.618	ng	# 92
37) Benzo(a)pyrene	23.77	252	61825	0.509	ng	97
38) Dibenzo(a,h)anthracene	26.55	278	4315	0.040	ng	# 72
39) Benzo(g,h,i)perylene	27.36	276	30152	0.278	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

BNA_E

ClientSampleId :

PST-027-B114-032519

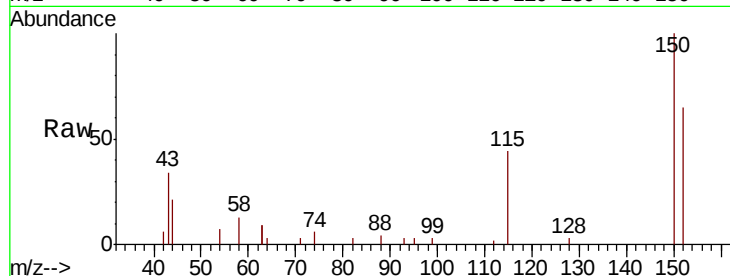
Tgt Ion: 152 Resp: 3033

Ion Ratio Lower Upper

152 100

150 153.0 112.8 169.2

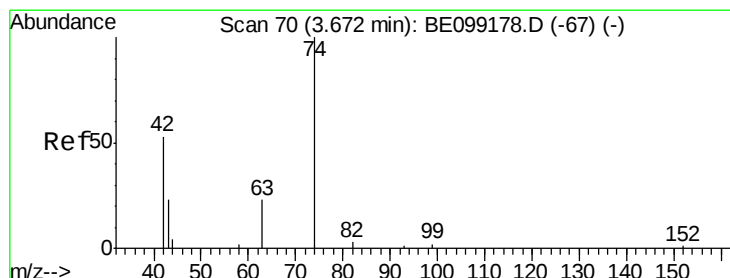
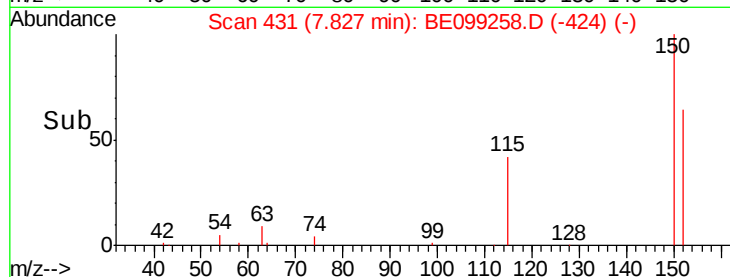
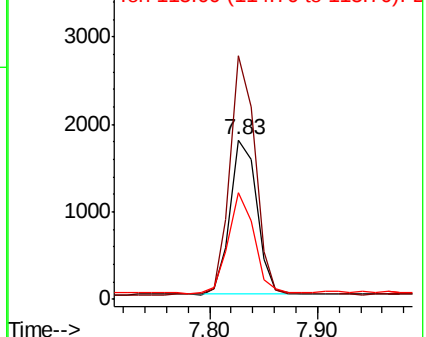
115 67.3 45.1 67.7



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



#3

n-Nitrosodimethylamine

Concen: 0.109 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.05 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

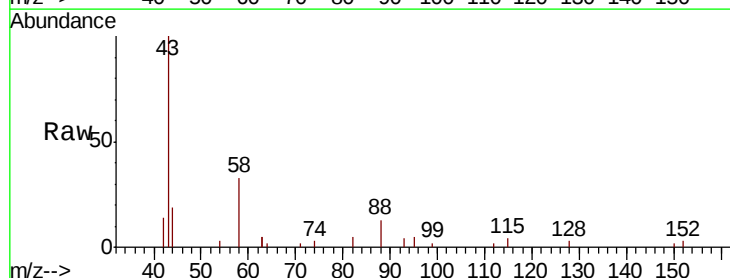
Tgt Ion: 42 Resp: 245

Ion Ratio Lower Upper

42 100

74 6.9 138.6 207.8#

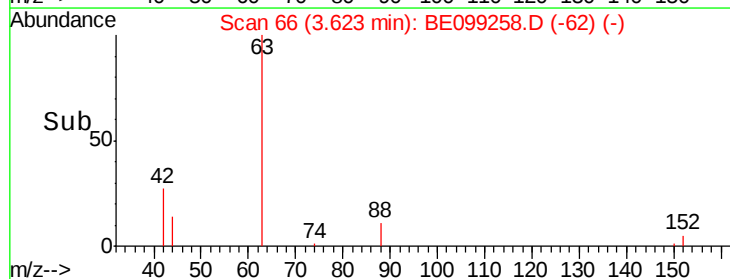
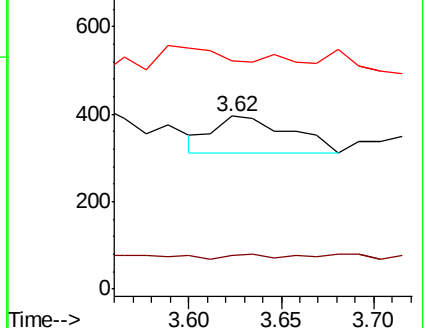
44 0.0 15.0 22.6#

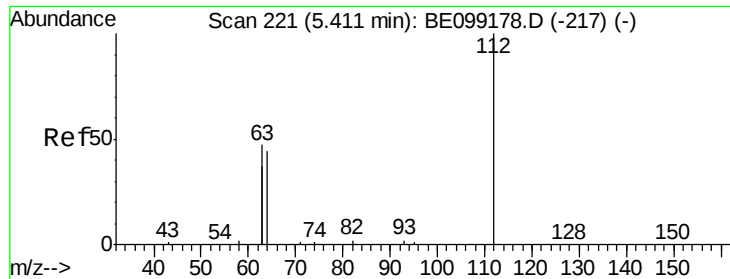


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.230 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

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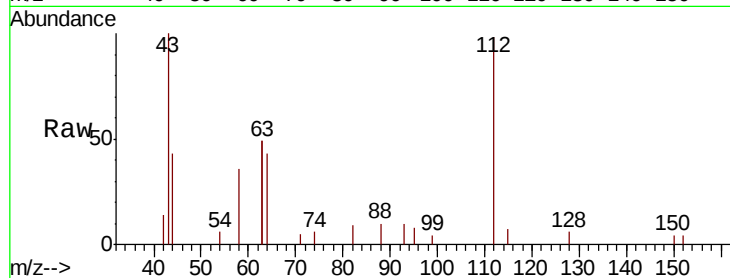
Tgt Ion: 112 Resp: 2083

Ion Ratio Lower Upper

112 100

64 54.5 46.2 69.2

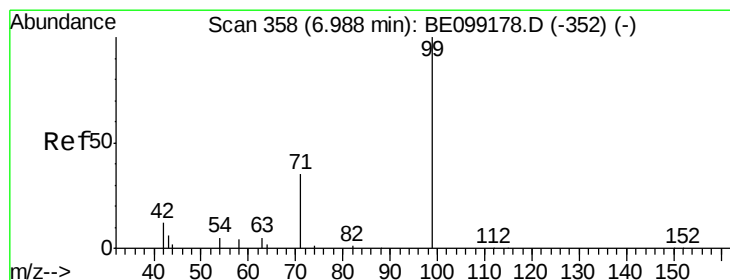
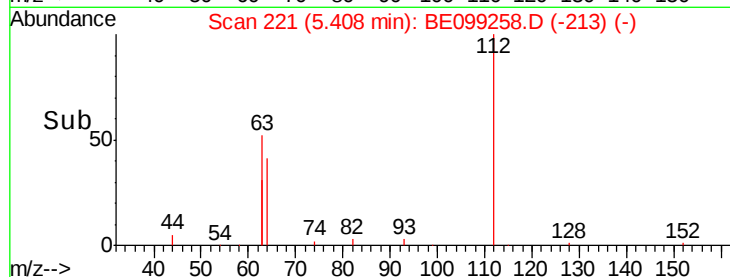
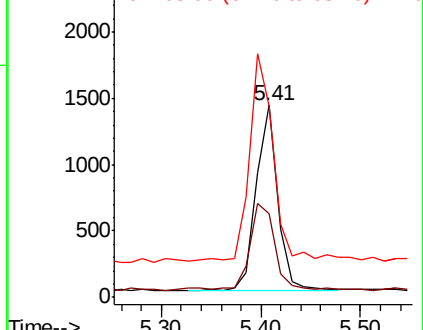
63 125.3 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.216 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

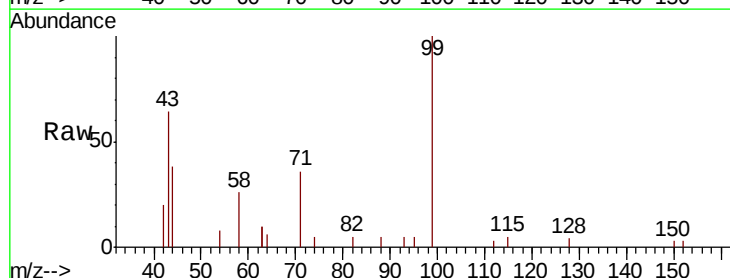
Tgt Ion: 99 Resp: 2982

Ion Ratio Lower Upper

99 100

42 17.4 12.4 18.6

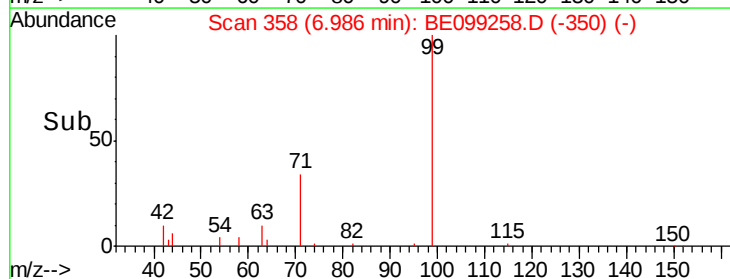
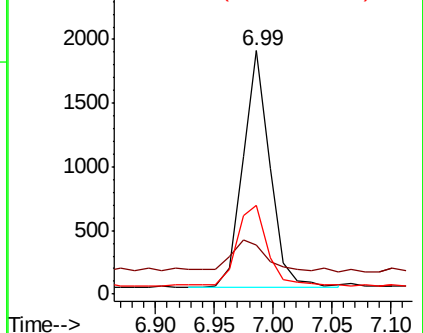
71 38.1 28.4 42.6

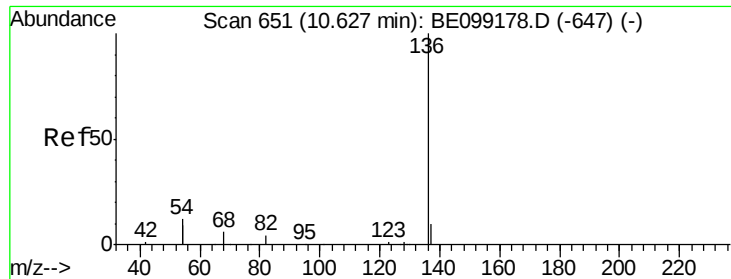


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

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Tgt Ion: 136 Resp: 12746

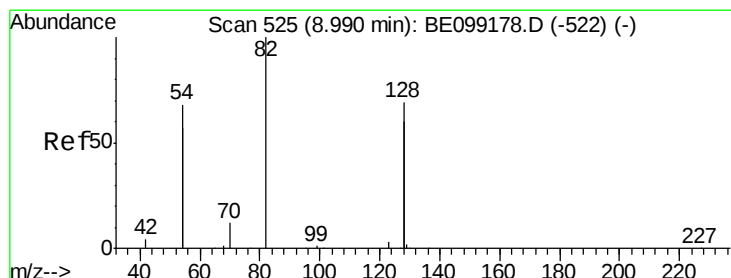
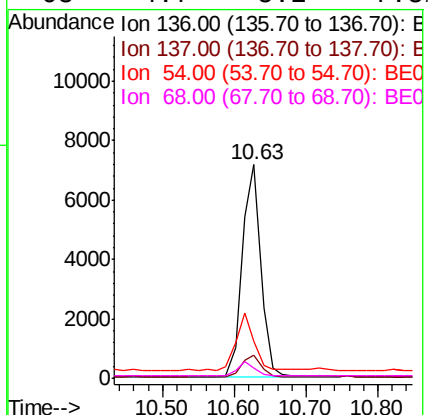
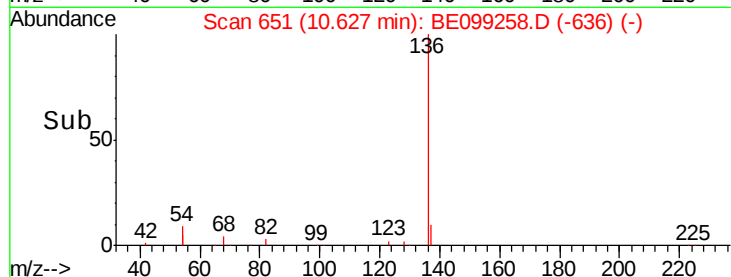
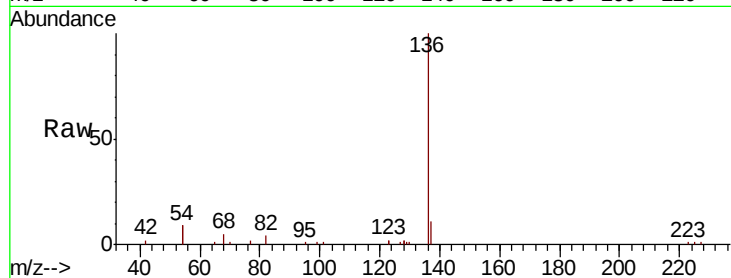
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 17.3 18.7 28.1#

68 4.7 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.229 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

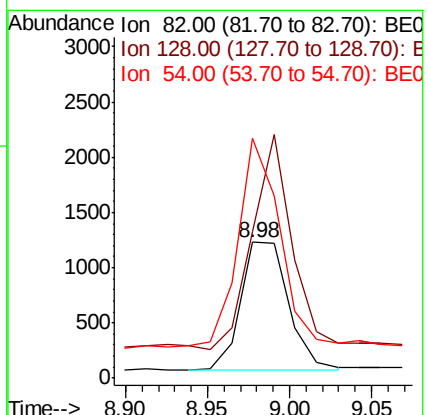
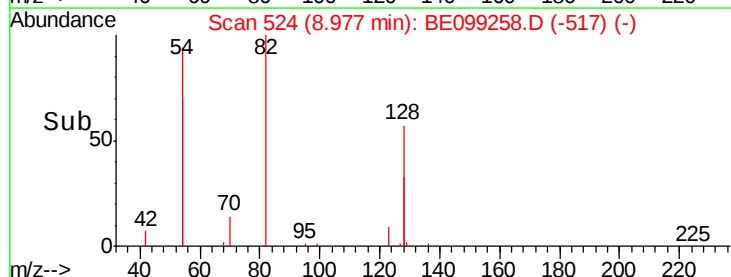
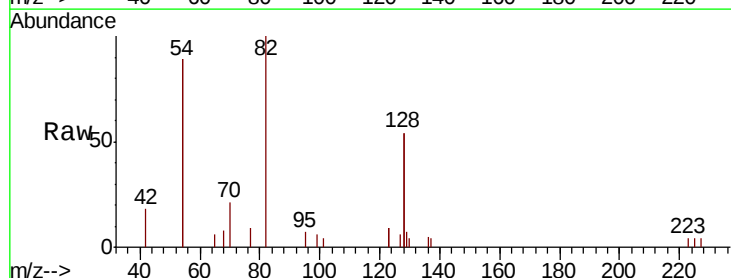
Tgt Ion: 82 Resp: 2384

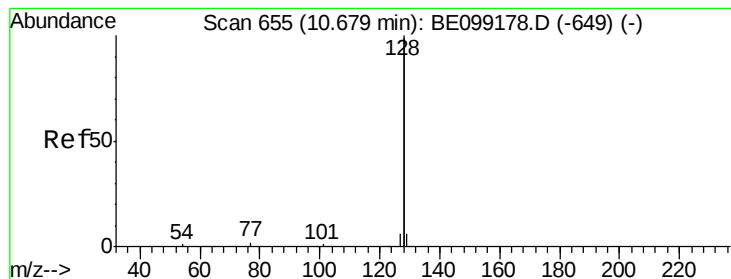
Ion Ratio Lower Upper

82 100

128 108.1 107.5 161.3

54 177.2 106.3 159.5#





#9

Naphthalene

Concen: 0.028 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

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ClientSampleId :

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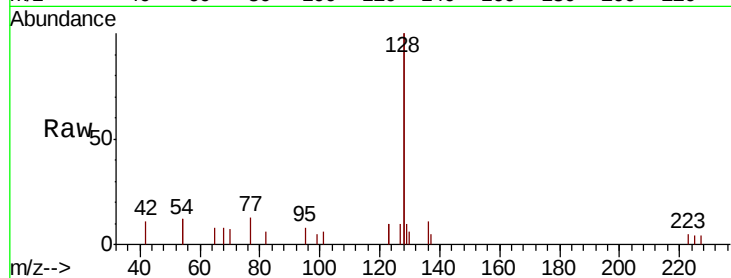
Tgt Ion:128 Resp: 4180

Ion Ratio Lower Upper

128 100

129 5.2 2.3 3.5#

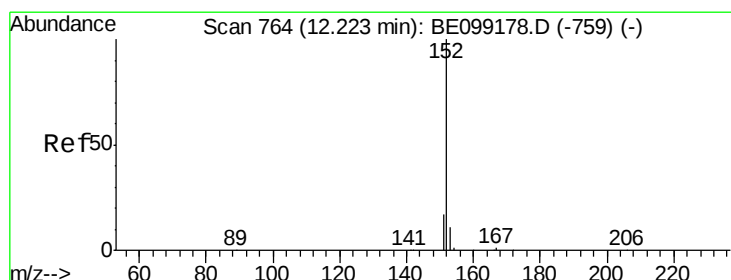
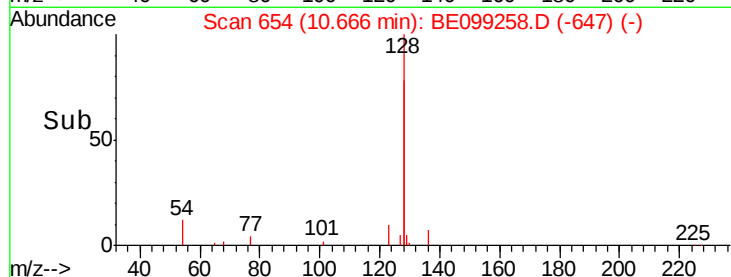
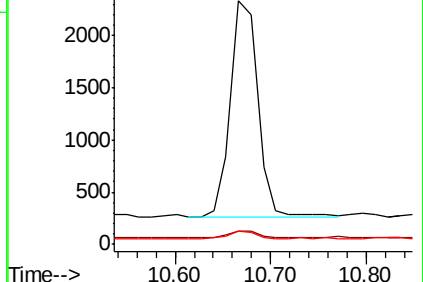
127 5.2 2.6 3.8#



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



#11

2-Methylnaphthalene-d10

Concen: 0.227 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099258.D

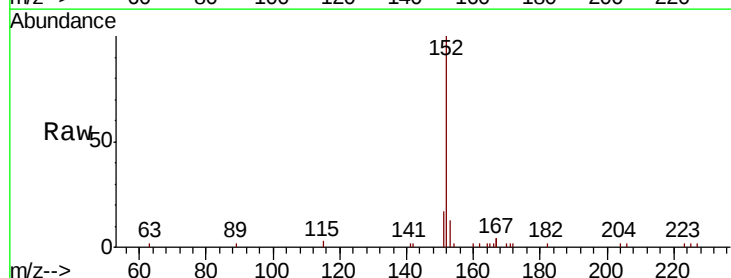
Acq: 29 Mar 2019 17:06

Tgt Ion:152 Resp: 5567

Ion Ratio Lower Upper

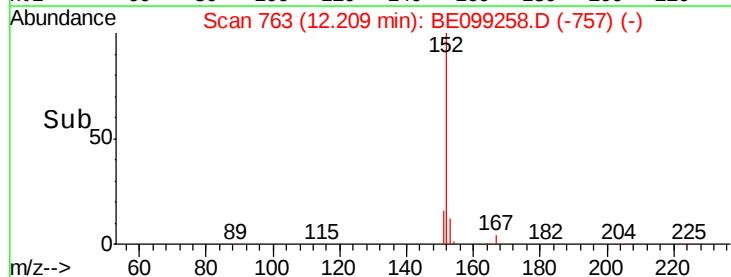
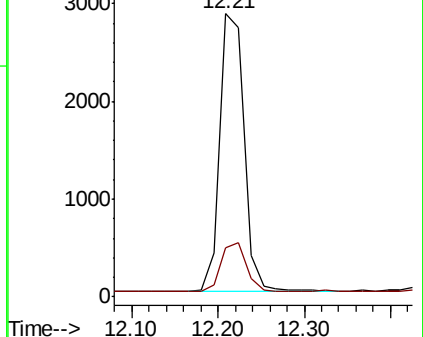
152 100

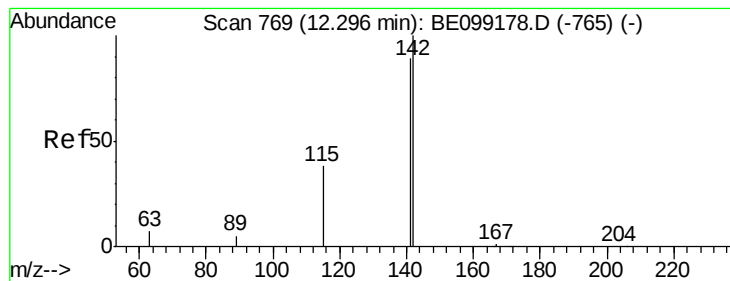
151 18.3 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.030 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

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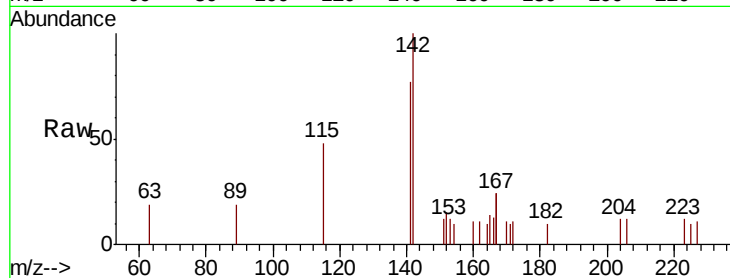
Tgt Ion:142 Resp: 804

Ion Ratio Lower Upper

142 100

141 77.1 71.3 106.9

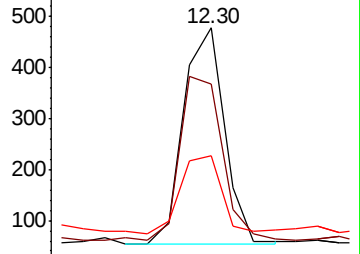
115 47.6 30.4 45.6#



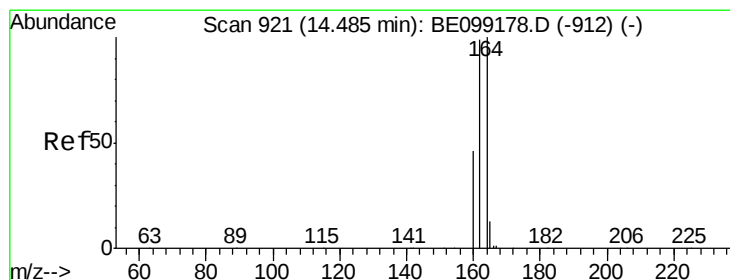
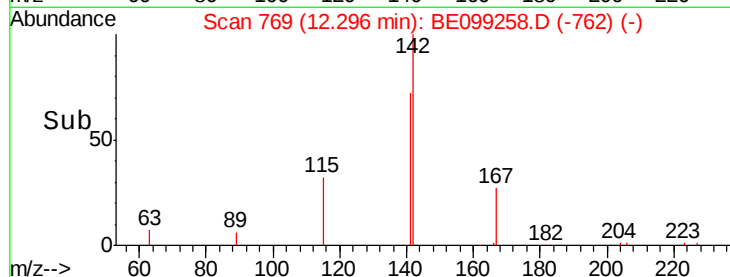
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

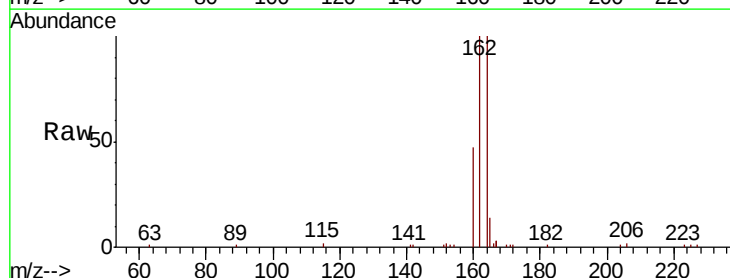
Tgt Ion:164 Resp: 9936

Ion Ratio Lower Upper

164 100

162 100.4 79.2 118.8

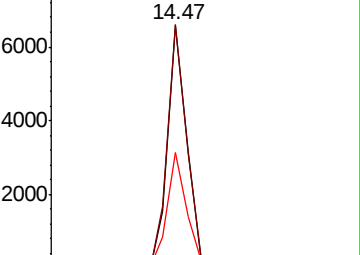
160 47.5 36.7 55.1



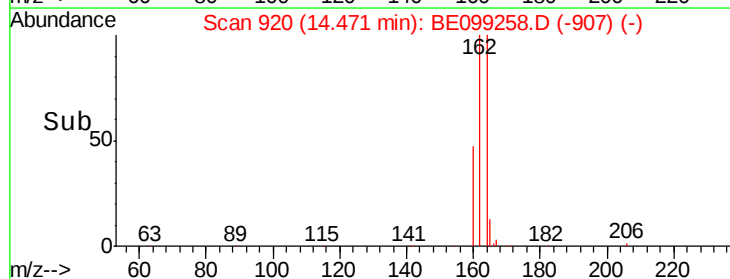
Abundance Ion 164.00 (163.70 to 164.70): E

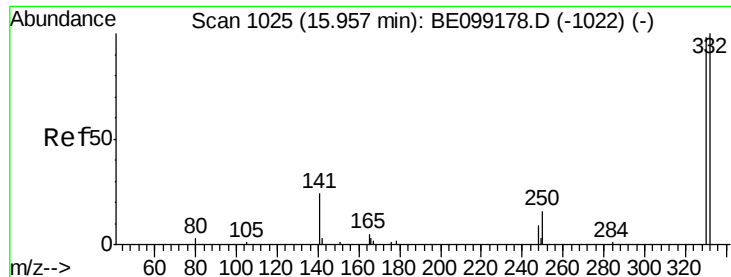
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

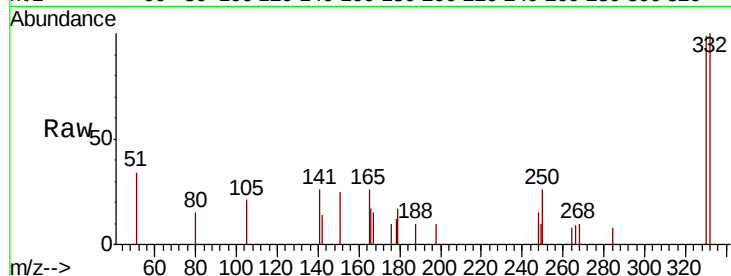




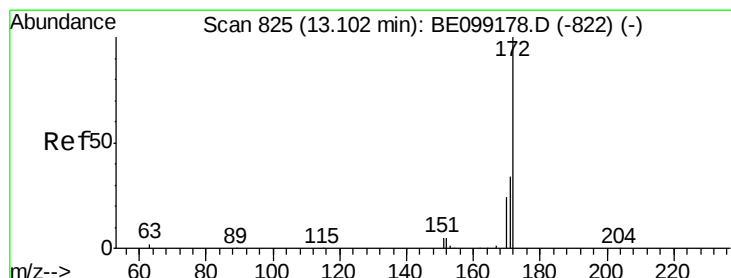
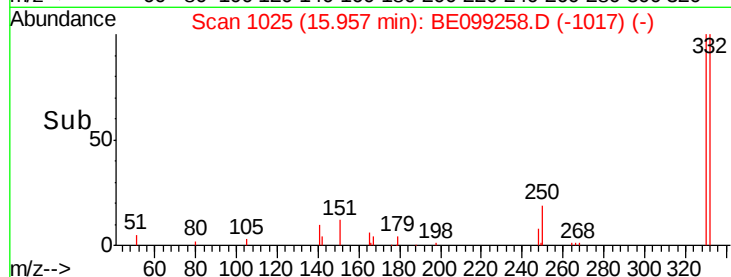
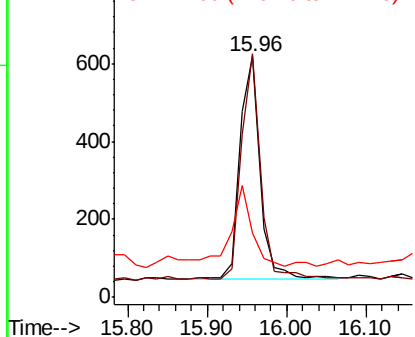
#14
 2,4,6-Tribromophenol
 Concen: 0.408 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE099258.D
 Acq: 29 Mar 2019 17:06

Instrument :
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Tgt Ion: 330 Resp: 1006
 Ion Ratio Lower Upper
 330 100
 332 97.1 71.3 106.9
 141 37.4 21.7 32.5#

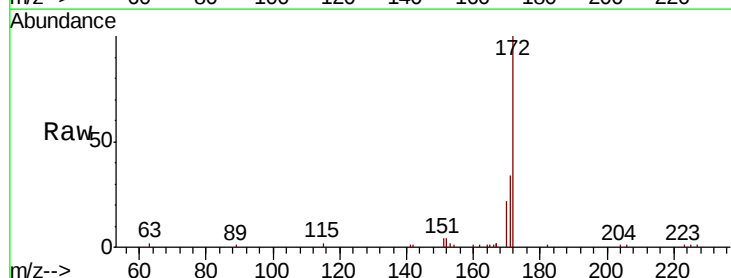


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

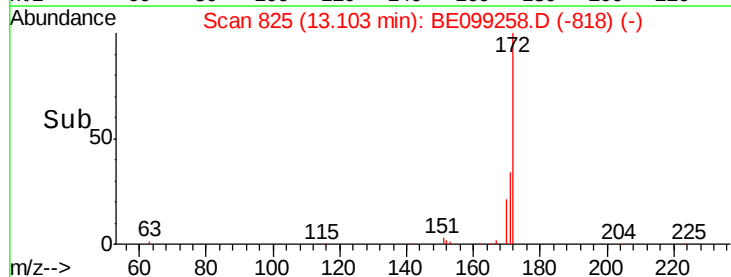
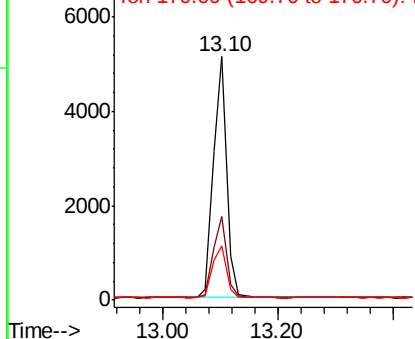


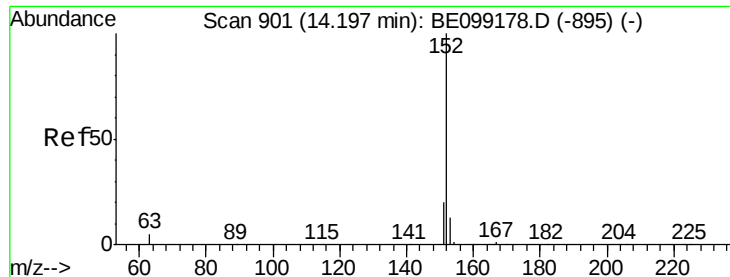
#15
 2-Fluorobiphenyl
 Concen: 0.202 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099258.D
 Acq: 29 Mar 2019 17:06

Tgt Ion: 172 Resp: 8185
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.4 41.0
 170 22.1 19.1 28.7



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

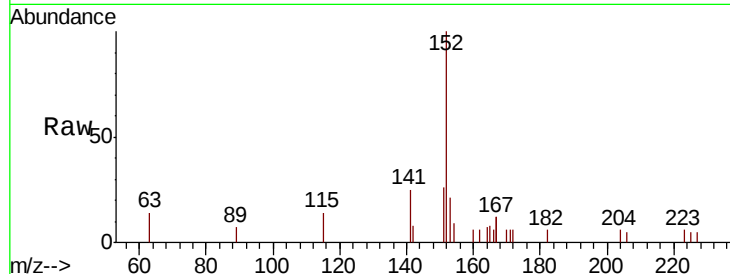




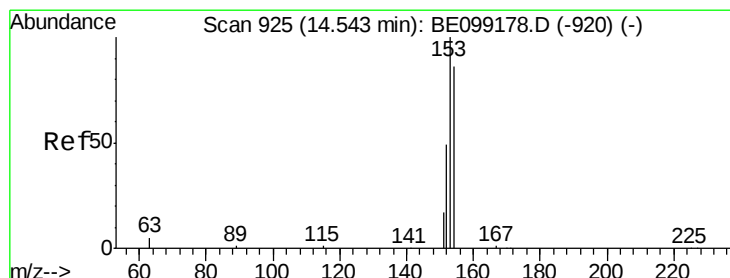
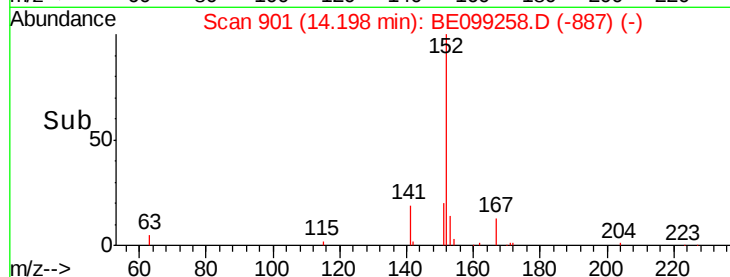
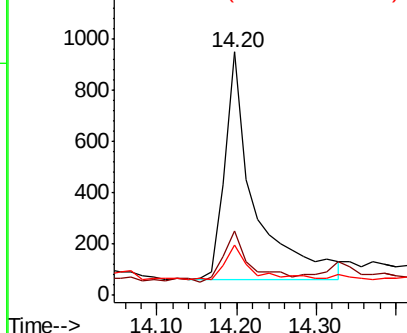
#16
Acenaphthylene
Concen: 0.045 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

Tgt Ion:152 Resp: 2269
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 12.7 10.6 15.8

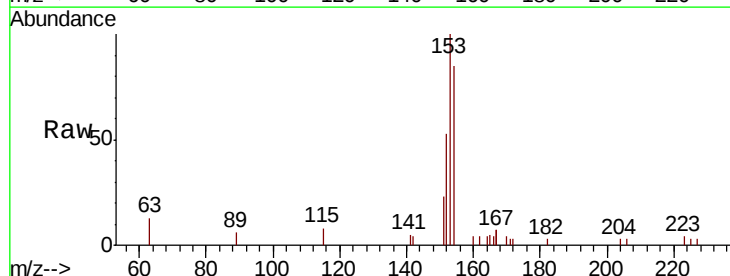


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

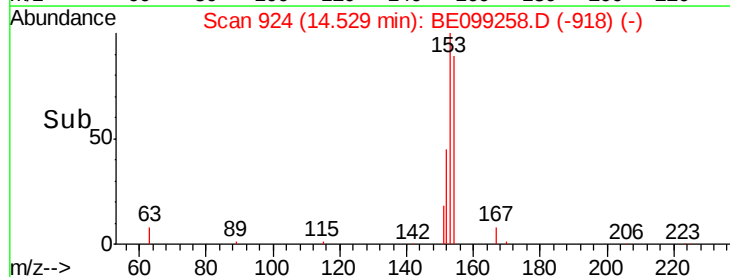
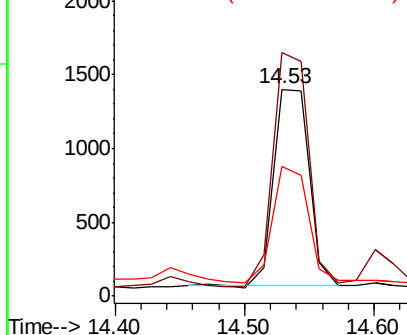


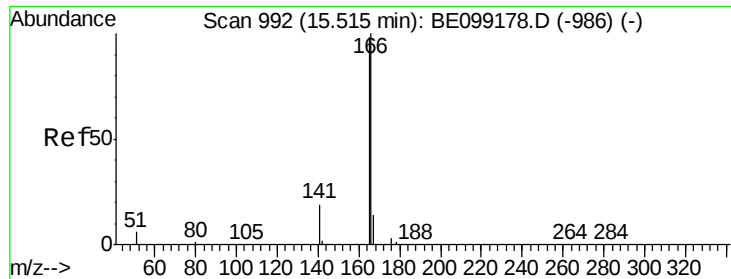
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion:154 Resp: 2533
Ion Ratio Lower Upper
154 100
153 119.5 93.4 140.0
152 60.3 46.6 69.8



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

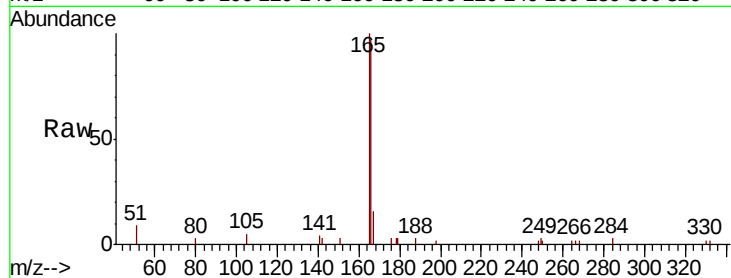




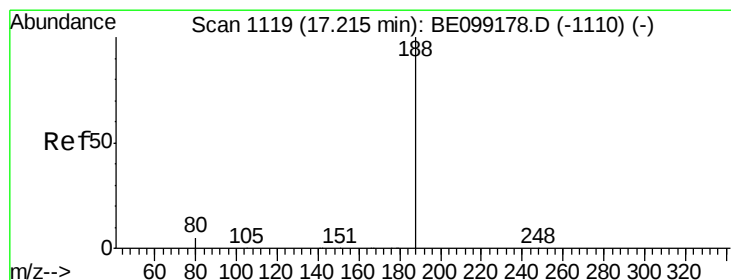
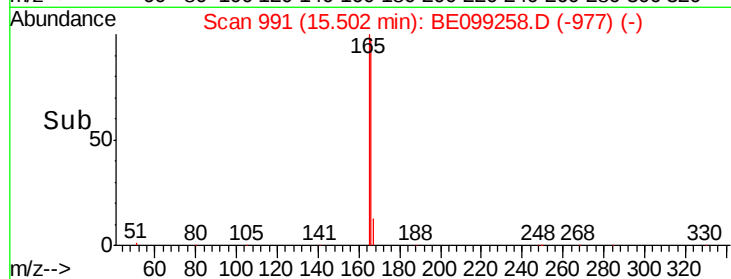
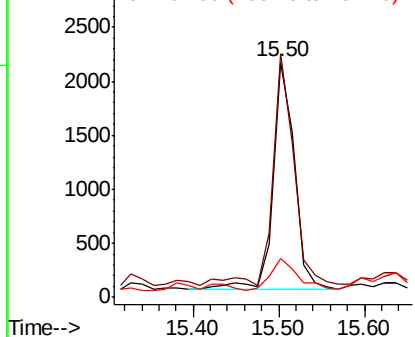
#18
 Fluorene
 Concen: 0.085 ng
 RT: 15.50 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BE099258.D
 Acq: 29 Mar 2019 17:06

Instrument :
 BNA_E
 ClientSampleId :
 PST-027-B114-032519

Tgt Ion:166 Resp: 3619
 Ion Ratio Lower Upper
 166 100
 165 94.3 78.9 118.3
 167 17.9 10.9 16.3#

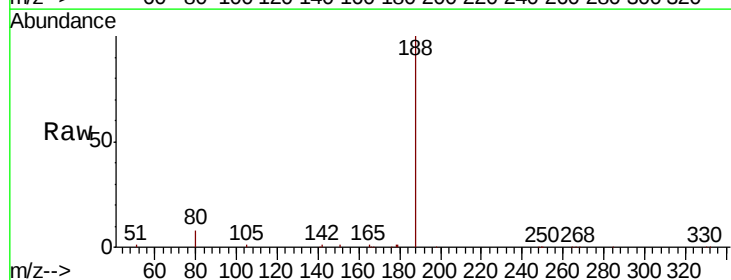


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

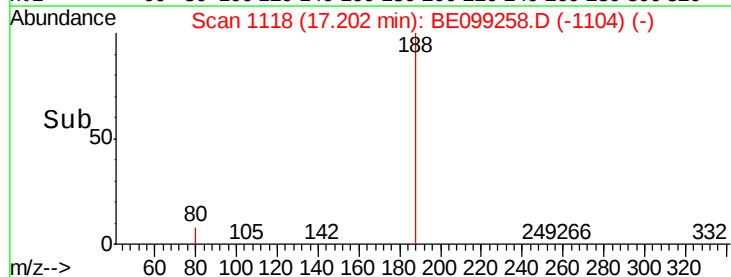
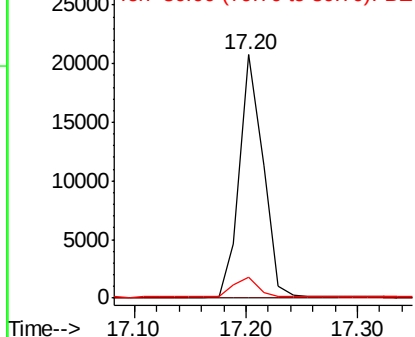


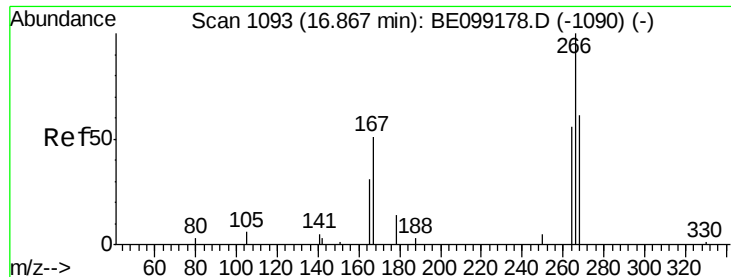
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BE099258.D
 Acq: 29 Mar 2019 17:06

Tgt Ion:188 Resp: 30420
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.3 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE0
 Ion 80.00 (79.70 to 80.70): BE0

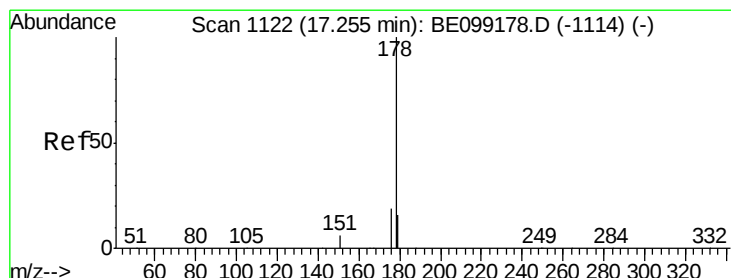
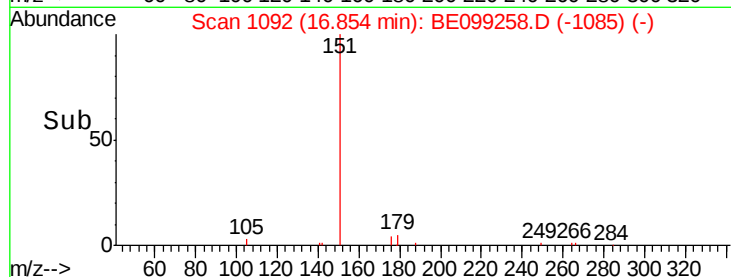
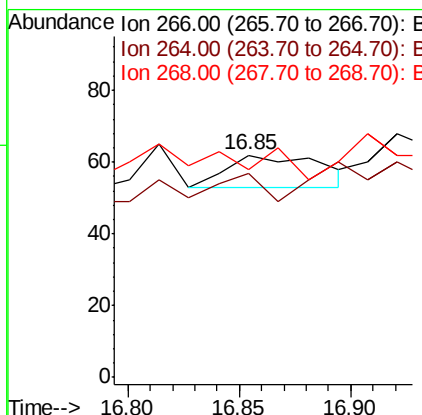
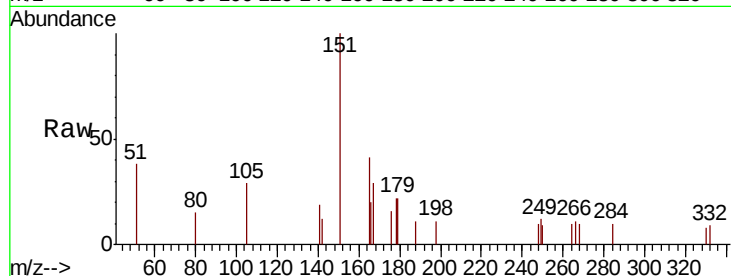




#22
Pentachlorophenol
Concen: 0.248 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

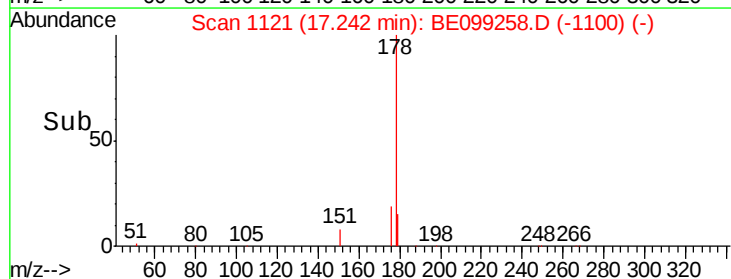
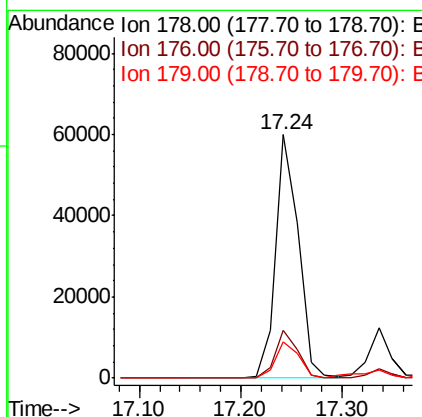
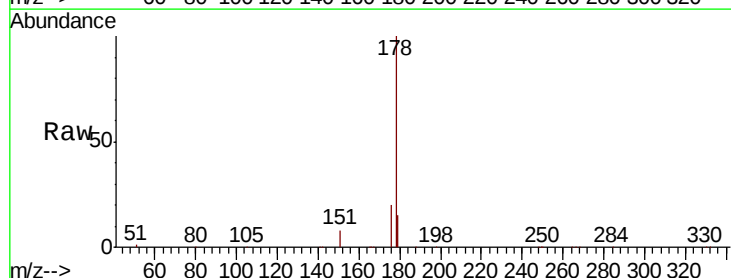
Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

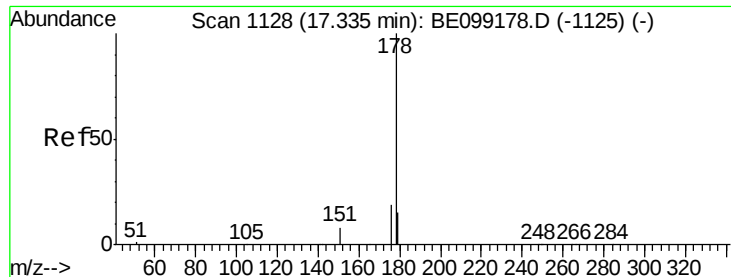
Tgt Ion: 266 Resp: 27
Ion Ratio Lower Upper
266 100
264 91.9 54.4 81.6#
268 93.5 61.3 91.9#



#23
Phenanthrene
Concen: 1.032 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion: 178 Resp: 92189
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.3 18.5





#24

Anthracene

Concen: 0.214 ng

RT: 17.34 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

BNA_E

ClientSampleId :

PST-027-B114-032519

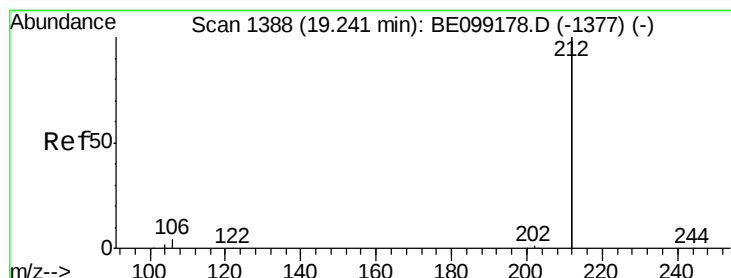
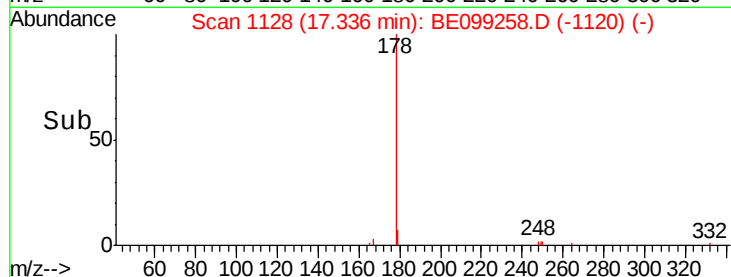
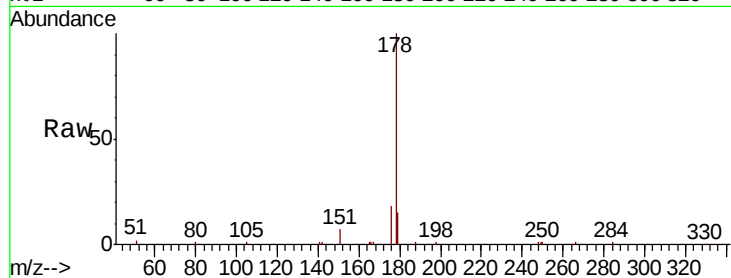
Tgt Ion:178 Resp: 17267

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

179 20.4 12.4 18.6#



#25

Fluoranthene-d10

Concen: 0.221 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

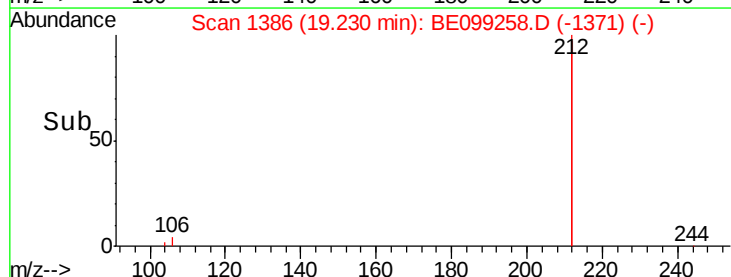
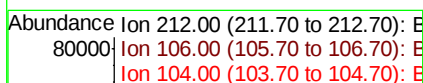
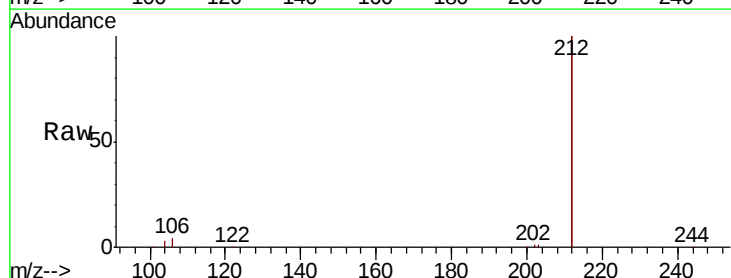
Tgt Ion:212 Resp: 81400

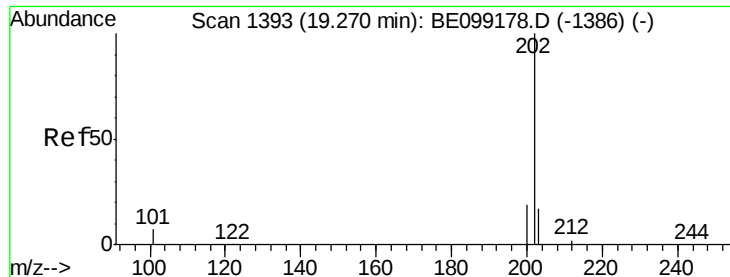
Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

104 1.3 1.1 1.7

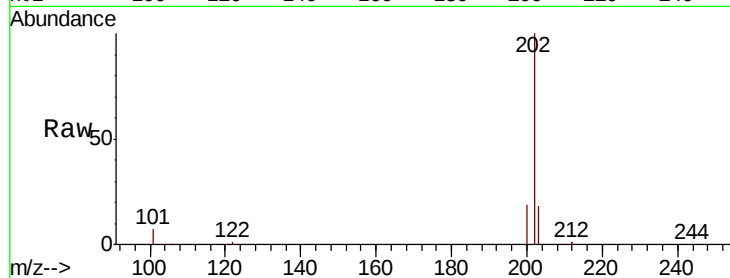




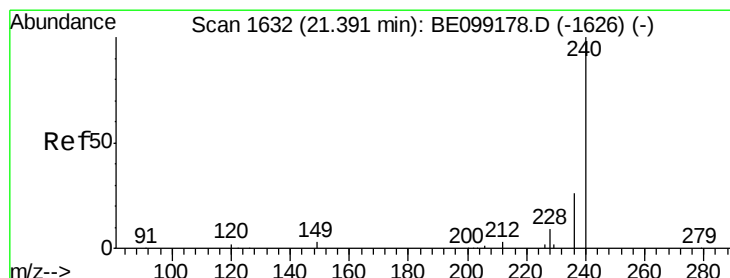
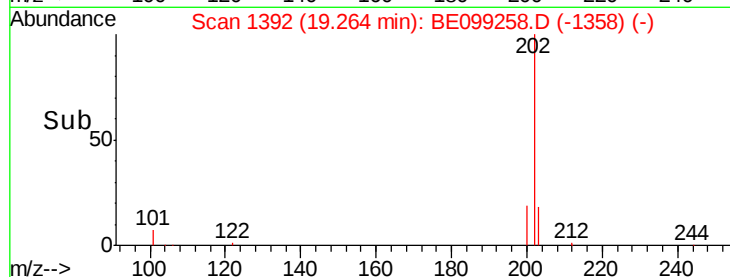
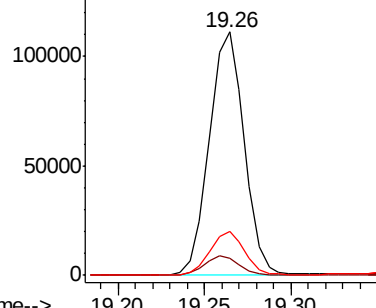
#26
 Fluoranthene
 Concen: 1.369 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BE099258.D
 Acq: 29 Mar 2019 17:06

Instrument :
 BNA_E
 ClientSampleId :
 PST-027-B114-032519

Tgt Ion: 202 Resp: 156084
 Ion Ratio Lower Upper
 202 100
 101 7.7 7.0 10.4
 203 17.6 13.8 20.6

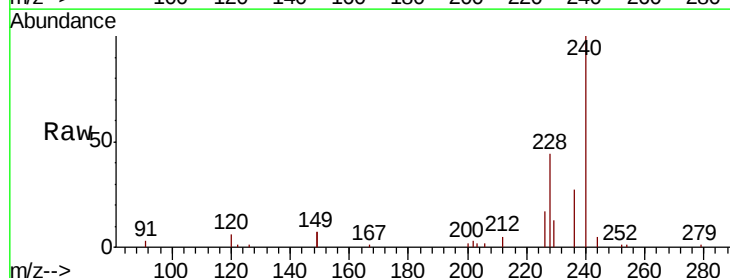


Abundance Ion 202.00 (201.70 to 202.70): E
 150000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

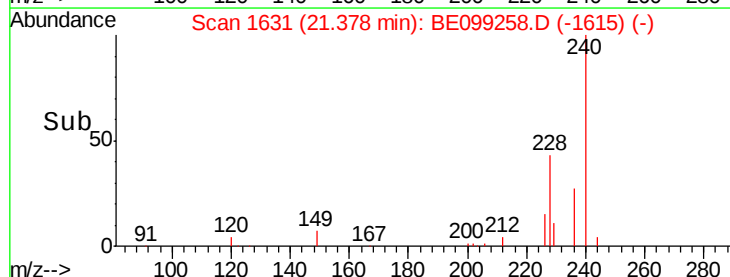
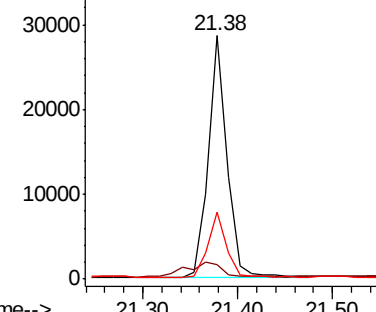


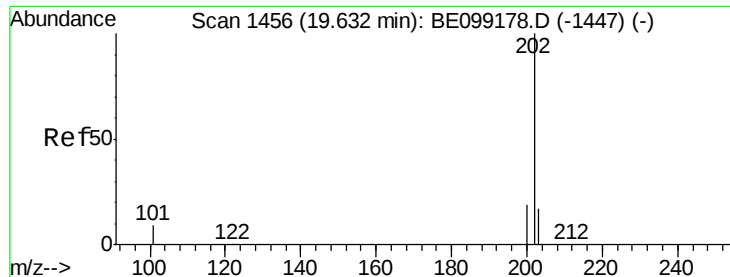
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099258.D
 Acq: 29 Mar 2019 17:06

Tgt Ion: 240 Resp: 38705
 Ion Ratio Lower Upper
 240 100
 120 5.7 2.6 3.8#
 236 27.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 40000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 1.109 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

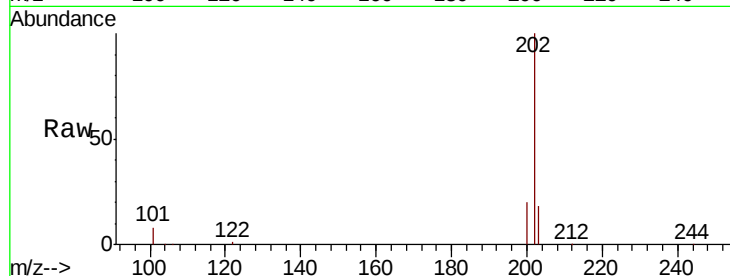
Instrument :

BNA_E

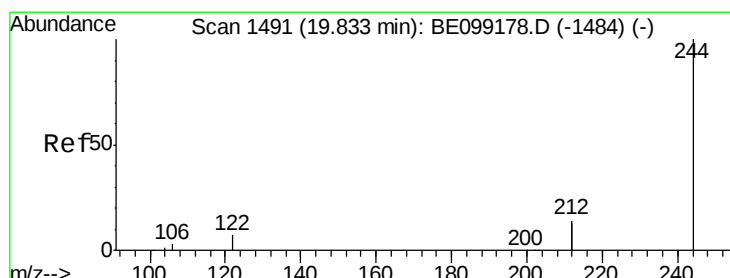
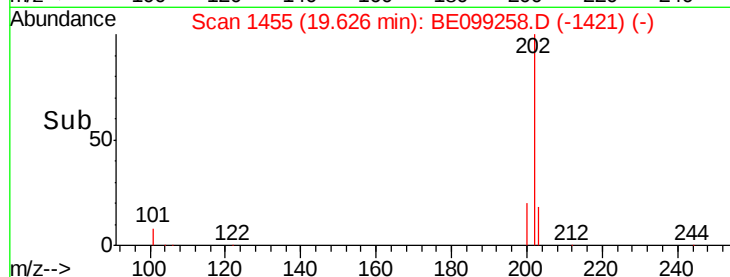
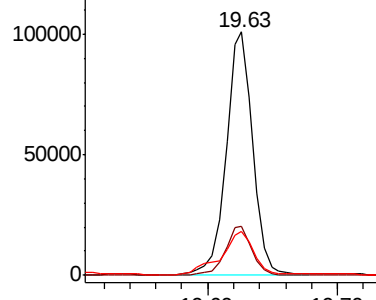
ClientSampleId :

PST-027-B114-032519

Tgt Ion:	202	Resp:	142602
Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.8	23.8
203	22.0	14.1	21.1#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.151 ng

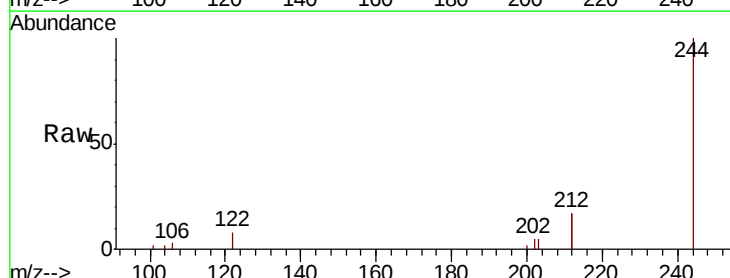
RT: 19.83 min Scan# 1490

Delta R.T. -0.01 min

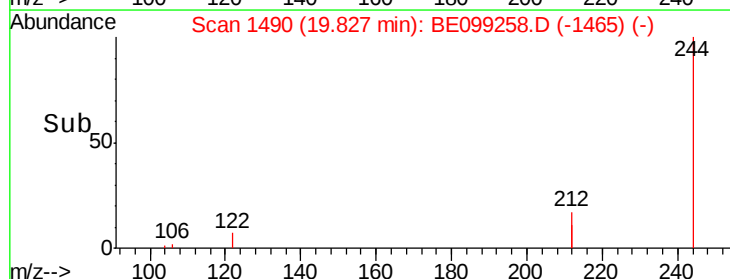
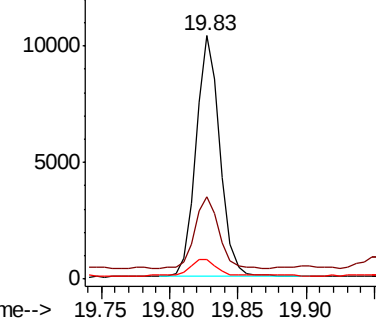
Lab File: BE099258.D

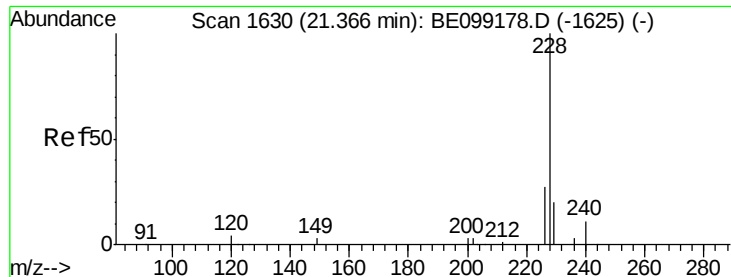
Acq: 29 Mar 2019 17:06

Tgt Ion:	244	Resp:	12713
Ion	Ratio	Lower	Upper
244	100		
212	33.7	22.7	34.1
122	8.2	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: 0.743 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

BNA_E

ClientSampleId :

PST-027-B114-032519

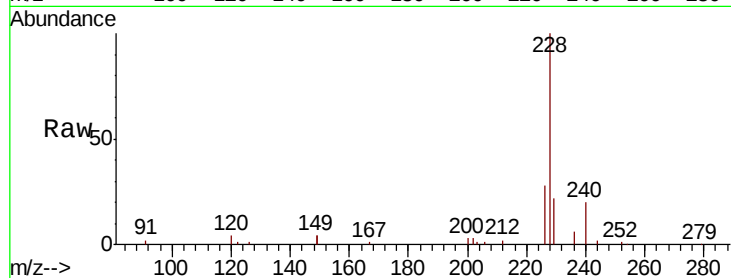
Tgt Ion:228 Resp: 94894

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

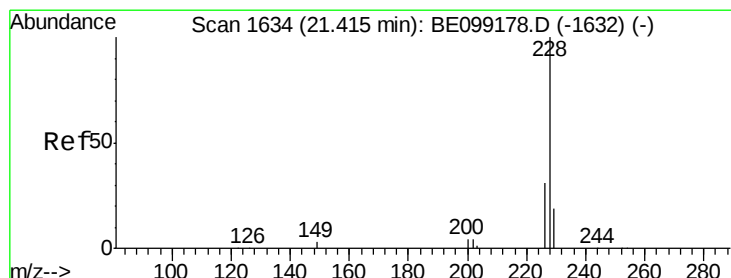
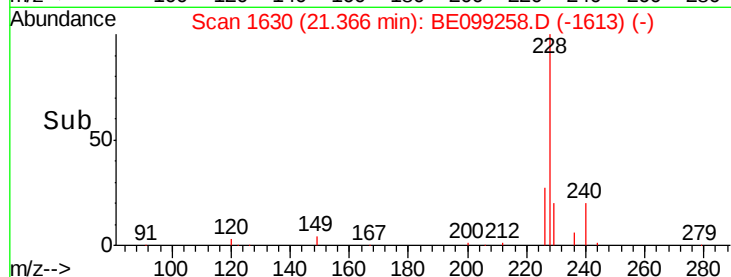
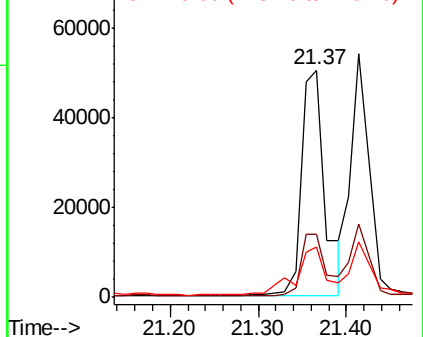
229 22.0 15.9 23.9



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: 0.563 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

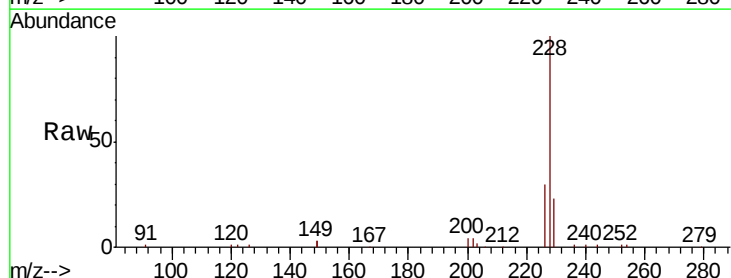
Tgt Ion:228 Resp: 76884

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

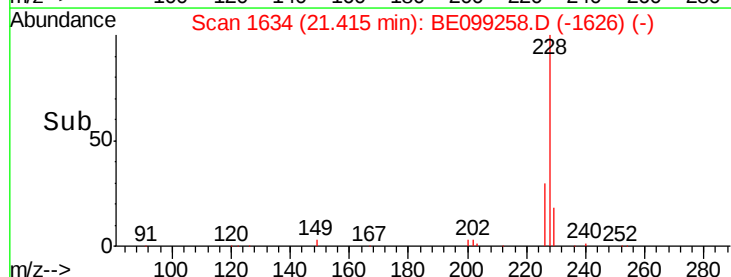
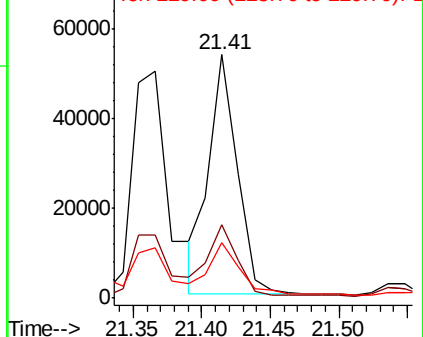
229 22.8 15.4 23.0

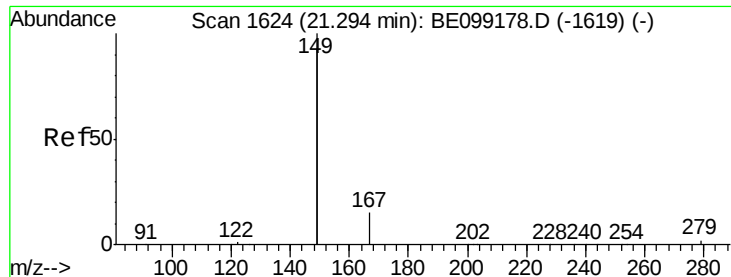


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

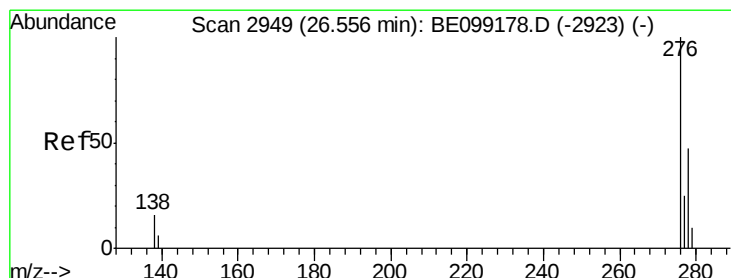
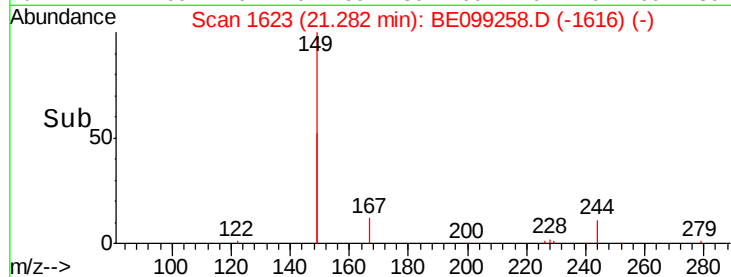
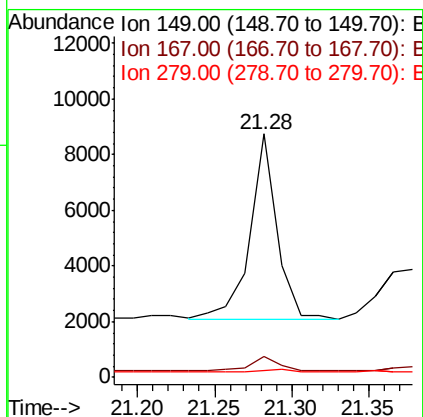
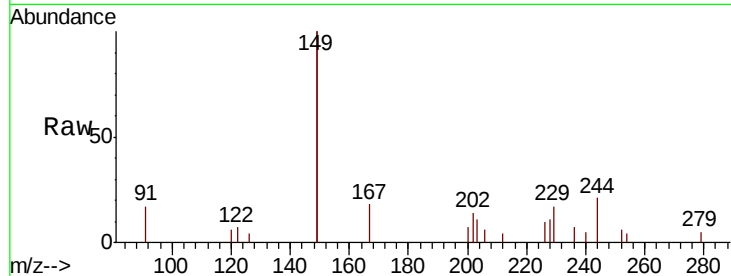




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099258.D
 Acq: 29 Mar 2019 17:06

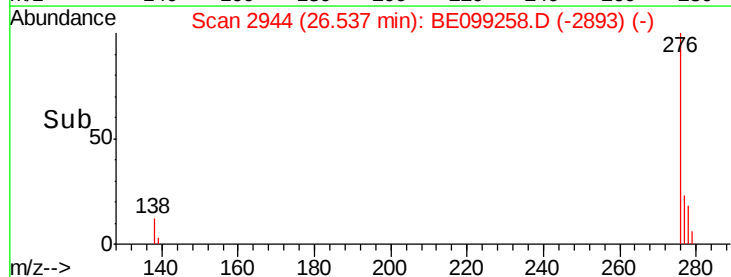
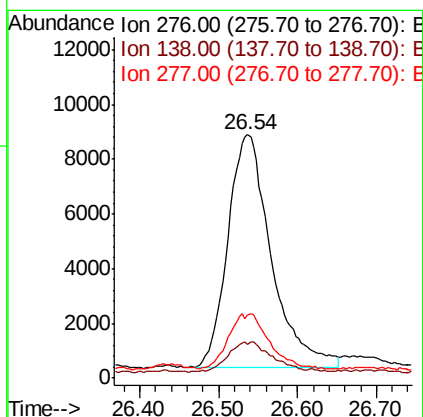
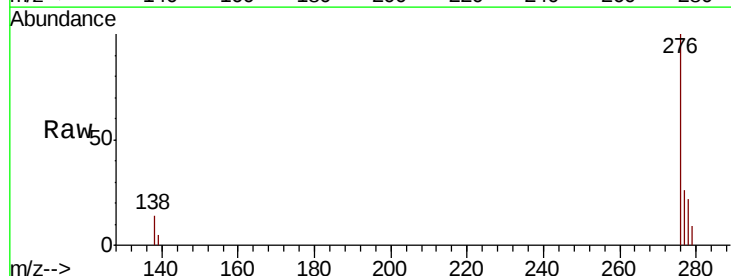
Instrument :
 BNA_E
 ClientSampleId :
 PST-027-B114-032519

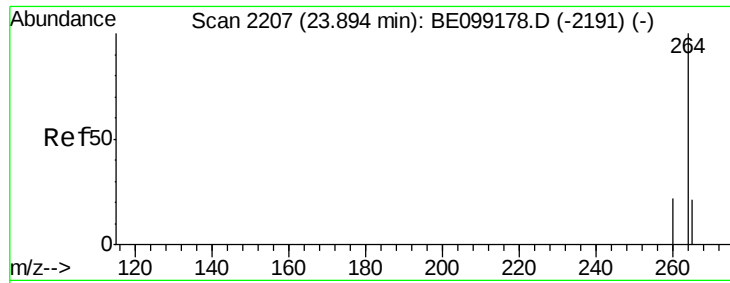
Tgt Ion:149 Resp: 8040
 Ion Ratio Lower Upper
 149 100
 167 9.0 5.9 8.9#
 279 2.3 1.0 1.6#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.252 ng
 RT: 26.54 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BE099258.D
 Acq: 29 Mar 2019 17:06

Tgt Ion:276 Resp: 32559
 Ion Ratio Lower Upper
 276 100
 138 6.0 12.9 19.3#
 277 9.4 18.3 27.5#

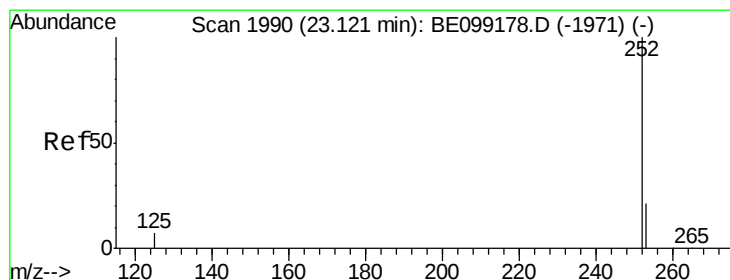
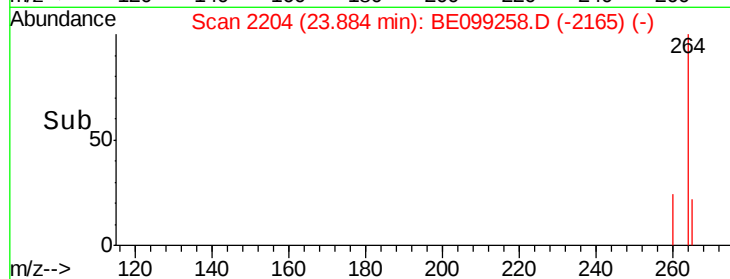
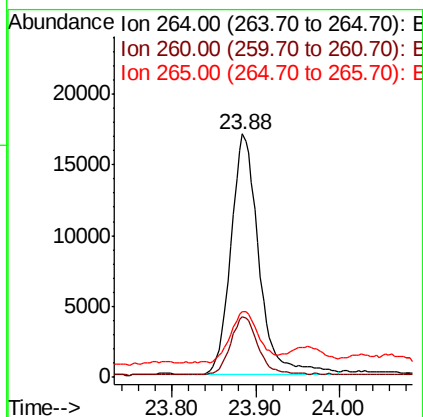
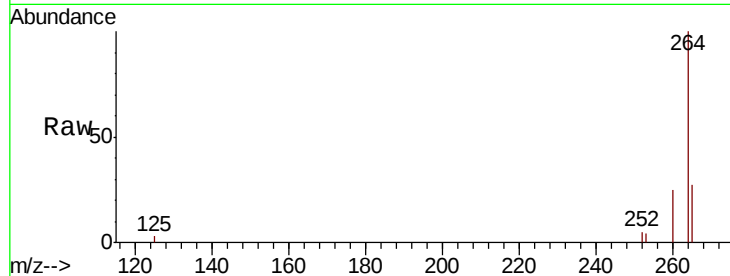




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

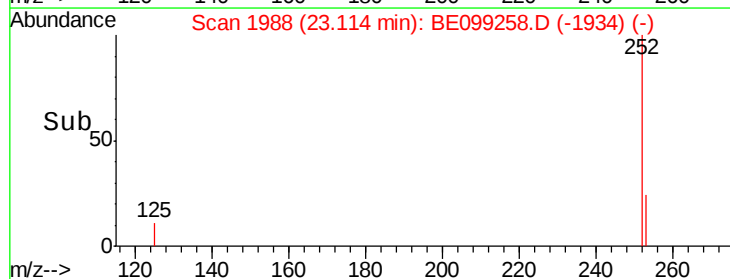
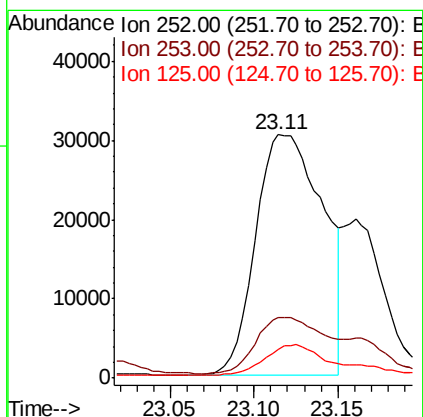
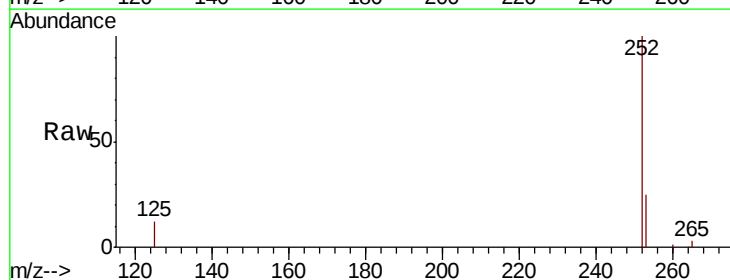
Instrument :
BNA_E
ClientSampleId :
PST-027-B114-032519

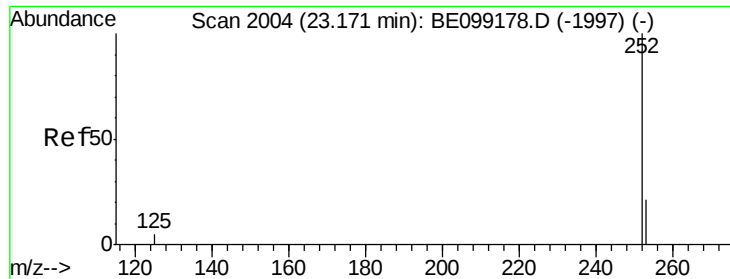
Tgt Ion: 264 Resp: 39545
Ion Ratio Lower Upper
264 100
260 24.8 18.2 27.2
265 26.9 21.8 32.8



#35
Benzo(b)fluoranthene
Concen: 0.653 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BE099258.D
Acq: 29 Mar 2019 17:06

Tgt Ion: 252 Resp: 84991
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.8
125 11.9 6.1 9.1#





#36

Benzo(k)fluoranthene

Concen: 0.618 ng

RT: 23.11 min Scan# 1988

Delta R.T. -0.06 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

BNA_E

ClientSampleId :

PST-027-B114-032519

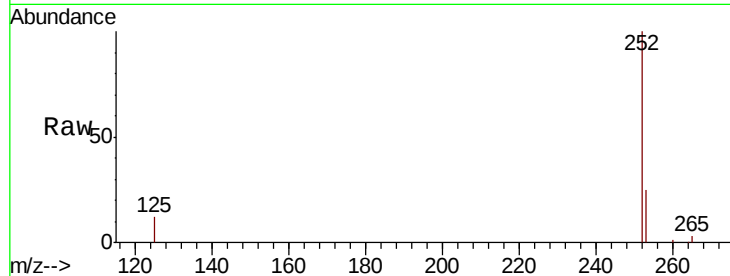
Tgt Ion:252 Resp: 84991

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

125 11.9 5.9 8.9#

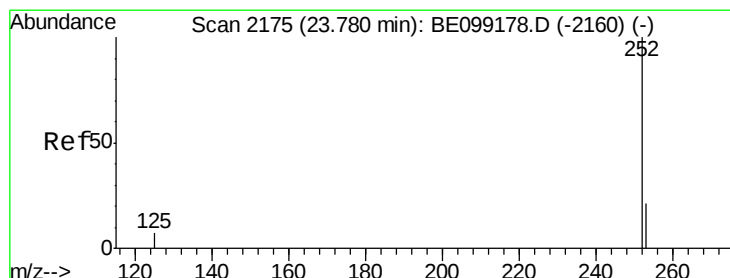
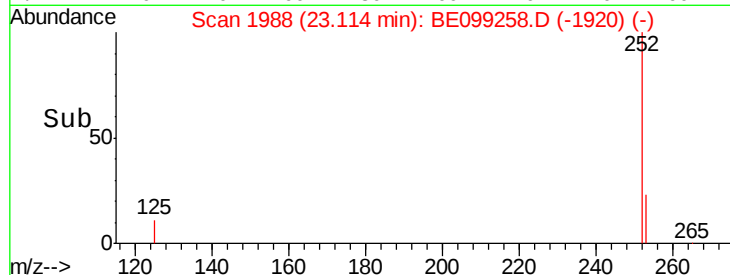
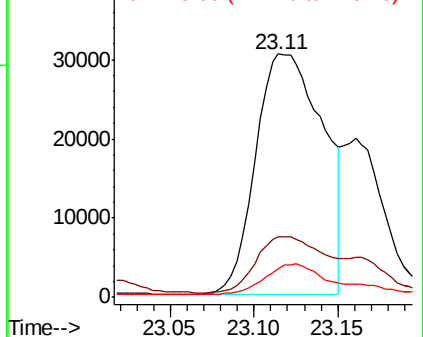


Abundance

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: 0.509 ng

RT: 23.77 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

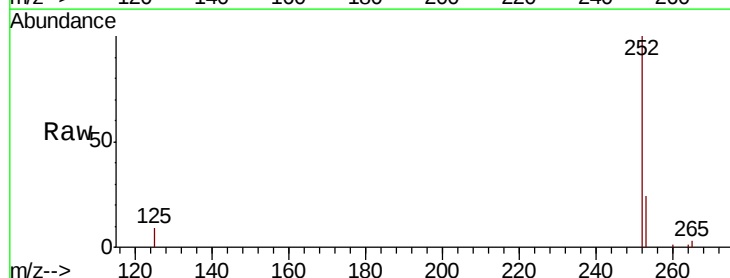
Tgt Ion:252 Resp: 61825

Ion Ratio Lower Upper

252 100

253 24.3 18.1 27.1

125 9.0 6.8 10.2

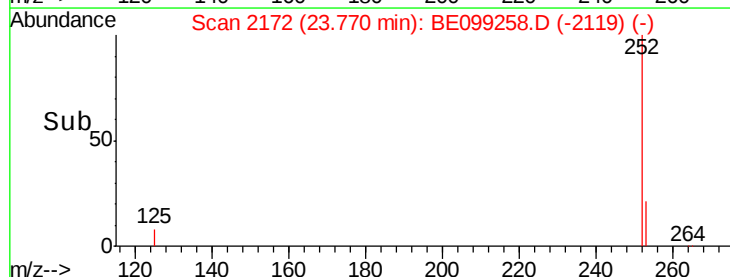
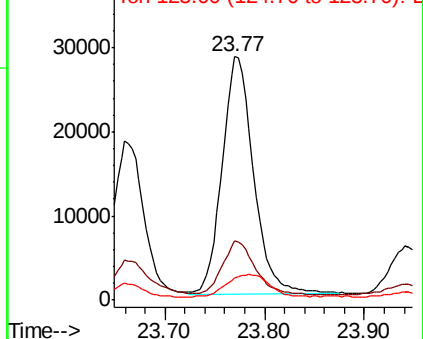


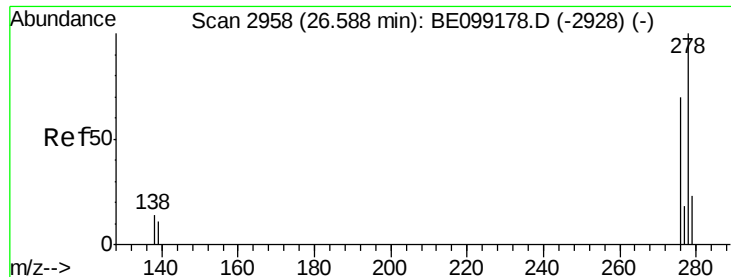
Abundance

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: 0.040 ng

RT: 26.55 min Scan# 2948

Delta R.T. -0.04 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

Instrument :

BNA_E

ClientSampleId :

PST-027-B114-032519

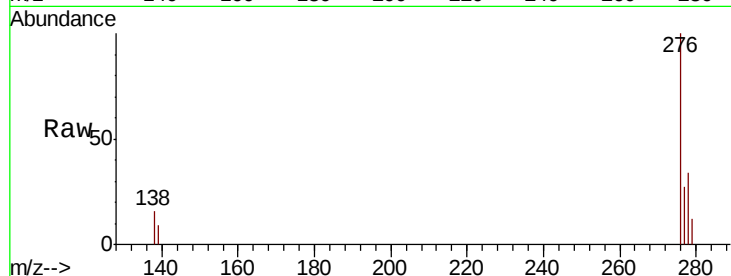
Tgt Ion:278 Resp: 4315

Ion Ratio Lower Upper

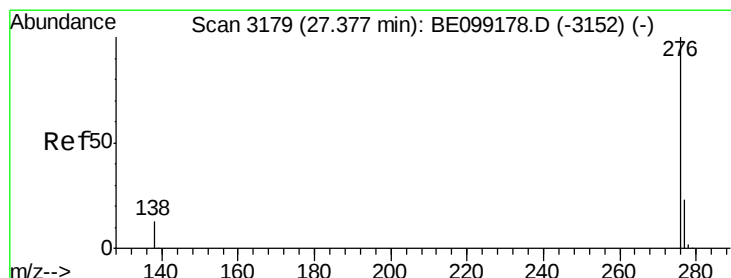
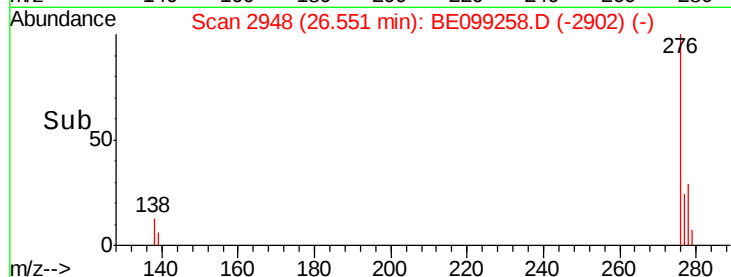
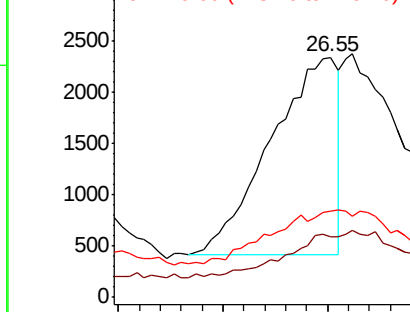
278 100

139 25.4 9.5 14.3#

279 35.7 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: 0.278 ng

RT: 27.36 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BE099258.D

Acq: 29 Mar 2019 17:06

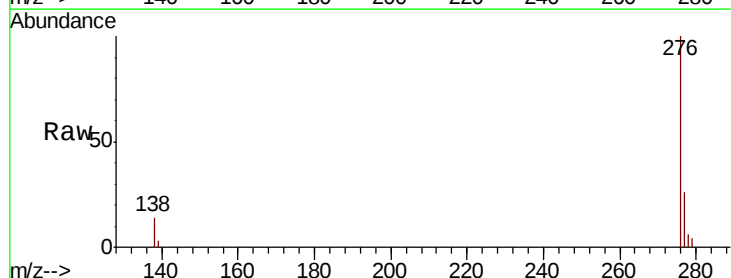
Tgt Ion:276 Resp: 30152

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.4

138 14.1 11.1 16.7



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

