

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099357.D
 Acq On : 25 Apr 2019 12:36
 Operator : JU/SJ
 Sample : K2534-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW060-042219

Quant Time: Apr 26 00:41:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3986	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	15037	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	11798	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	35017	0.40	ng	0.00
27) Chrysene-d12	21.37	240	40324	0.40	ng	0.00
34) Perylene-d12	23.87	264	45032	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2783	0.29	ng	0.00
5) Phenol-d6	6.98	99	4081	0.29	ng	0.00
8) Nitrobenzene-d5	8.96	82	3444	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	7209	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1663	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	10699	0.23	ng	0.00
25) Fluoranthene-d10	19.22	212	110375	0.26	ng	0.00
29) Terphenyl-d14	19.82	244	19941	0.25	ng	0.00

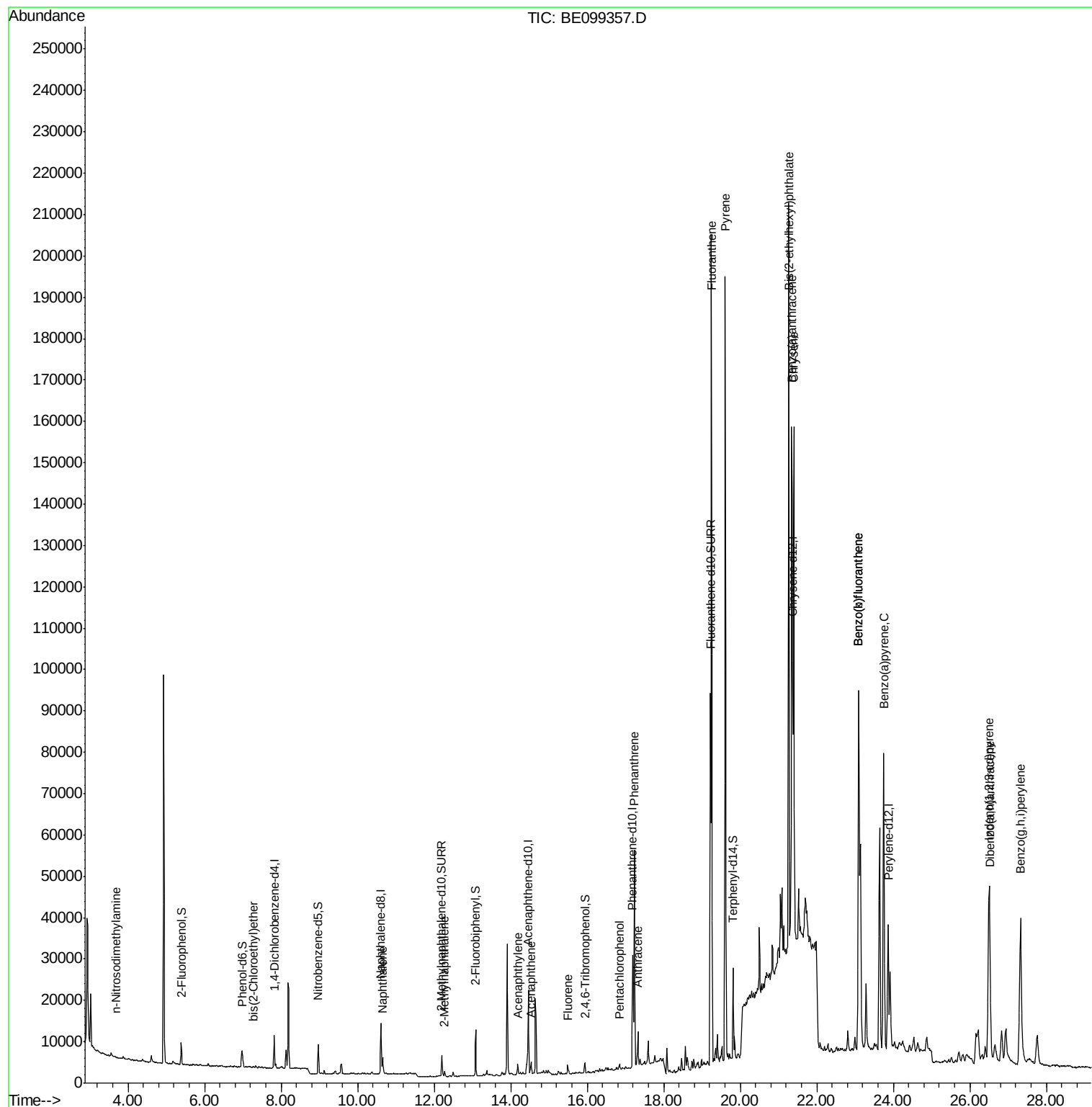
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.68	42	62	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	331	0.026	ng	# 1
9) Naphthalene	10.65	128	6081	0.037	ng	98
12) 2-Methylnaphthalene	12.27	142	961	0.034	ng	# 89
16) Acenaphthylene	14.18	152	3828	0.072	ng	98
17) Acenaphthene	14.53	154	875	0.027	ng	98
18) Fluorene	15.49	166	2014	0.043	ng	# 90
22) Pentachlorophenol	16.84	266	234	0.251	ng	# 83
23) Phenanthrene	17.23	178	52534	0.567	ng	100
24) Anthracene	17.32	178	8334	0.101	ng	# 94
26) Fluoranthene	19.25	202	183132	1.476	ng	98
28) Pyrene	19.61	202	175320	1.476	ng	# 95
30) Benzo(a)anthracene	21.34	228	112270	0.947	ng	95
31) Chrysene	21.40	228	122636	0.972	ng	95
32) Bis(2-ethylhexyl)phthalate	21.27	149	212591	1.971	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	91272	0.733	ng	# 95
35) Benzo(b)fluoranthene	23.09	252	161584	1.172	ng	# 92
36) Benzo(k)fluoranthene	23.09	252	161584	1.176	ng	# 94
37) Benzo(a)pyrene	23.75	252	112517	0.911	ng	95
38) Dibenzo(a,h)anthracene	26.52	278	21428	0.170	ng	# 74
39) Benzo(g,h,i)perylene	27.32	276	92755	0.725	ng	98

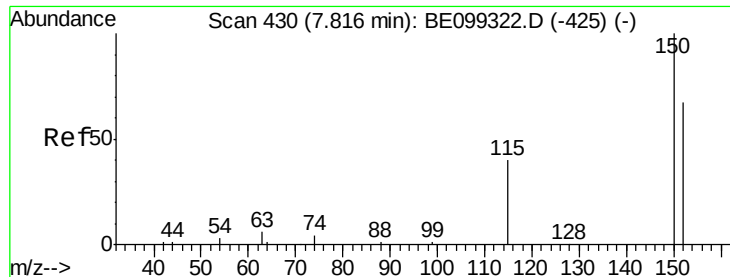
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

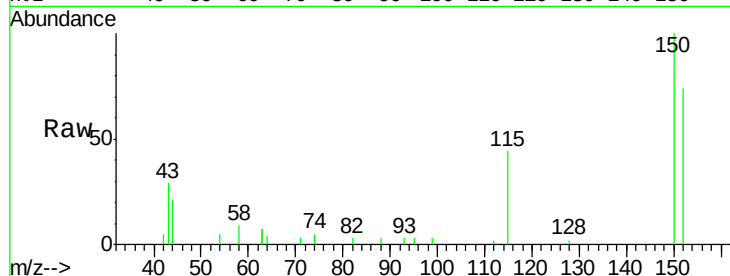
Tot Ion:152 Resp: 3986

Ion Ratio Lower Upper

152 100

150 136.0 119.5 179.3

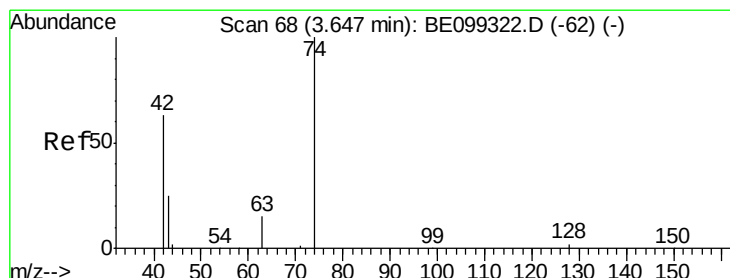
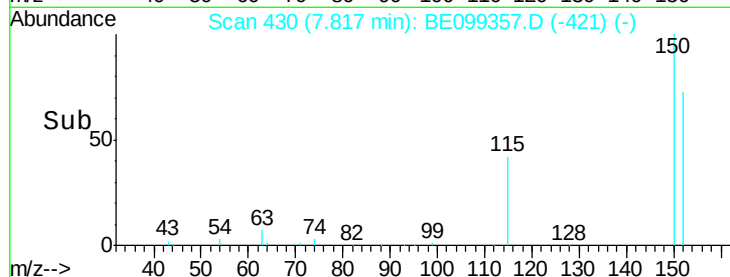
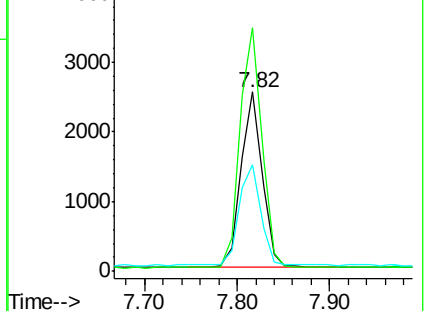
115 59.6 47.5 71.3



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: 0.021 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.02 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

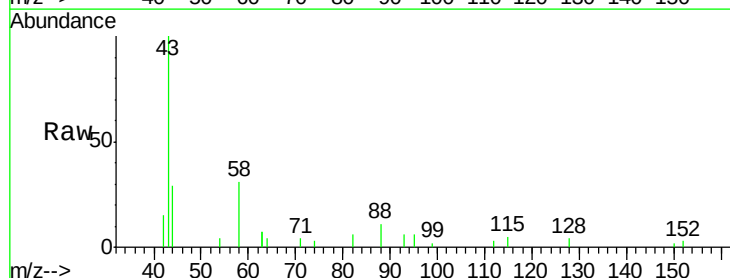
Tgt Ion: 42 Resp: 62

Ion Ratio Lower Upper

42 100

74 11.3 145.8 218.8#

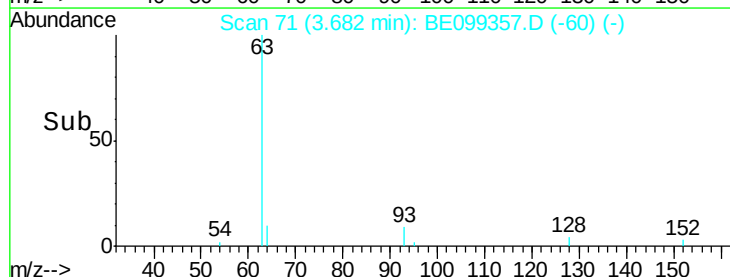
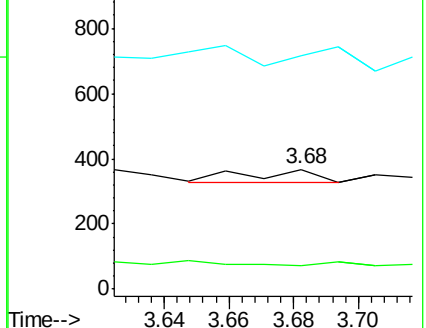
44 0.0 9.0 13.4#

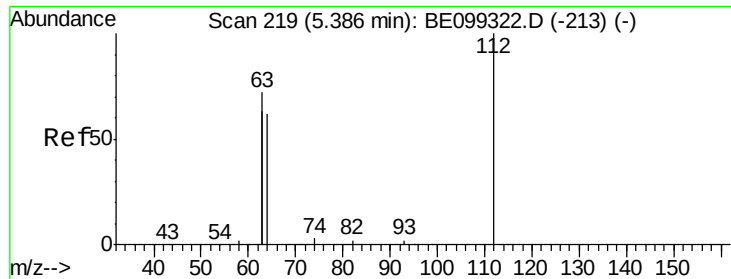


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.286 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

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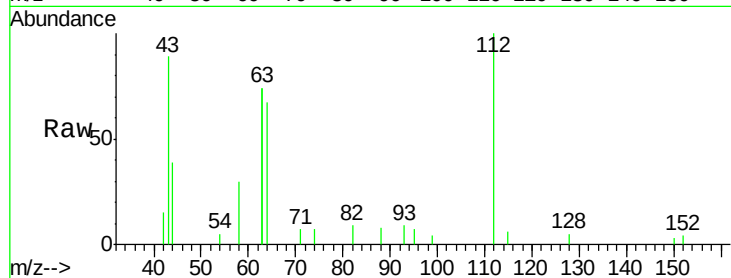
Tot Ion:112 Resp: 2783

Ion Ratio Lower Upper

112 100

64 57.1 44.9 67.3

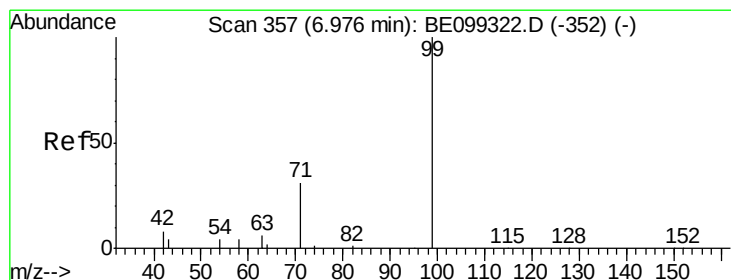
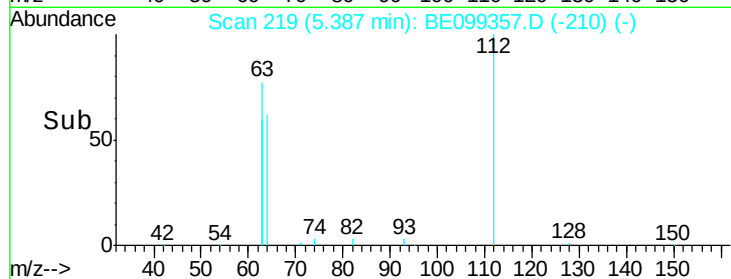
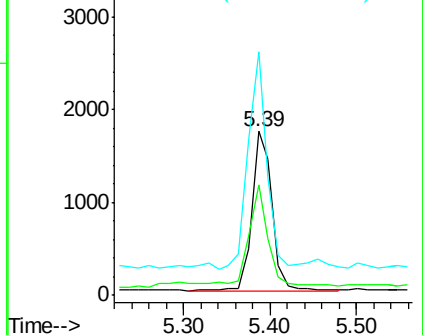
63 127.7 97.4 146.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.294 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

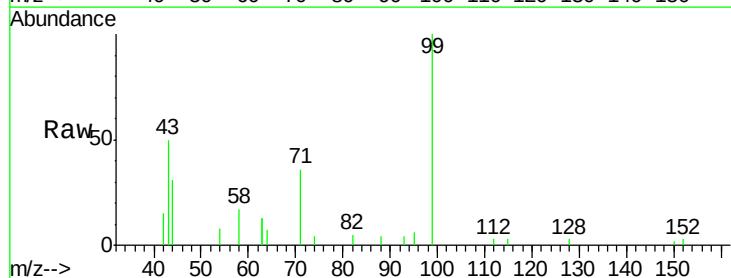
Tgt Ion: 99 Resp: 4081

Ion Ratio Lower Upper

99 100

42 15.7 11.7 17.5

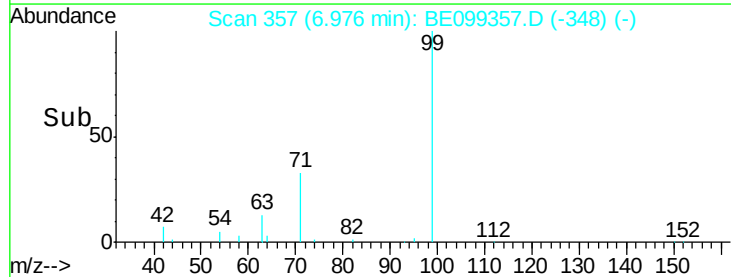
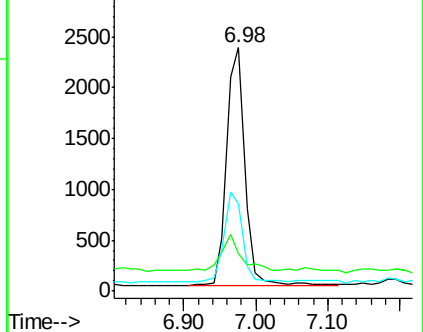
71 38.3 29.6 44.4

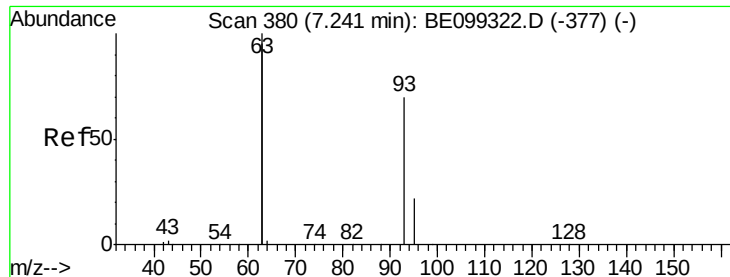


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 7.26 min Scan# 382

Delta R.T. 0.02 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

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EXT-073-SW060-042219

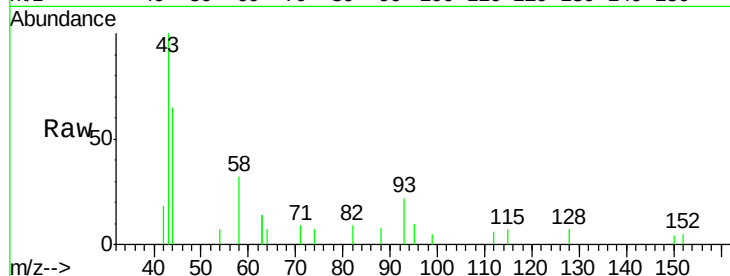
Tot Ion: 93 Resp: 331

Ion Ratio Lower Upper

93 100

63 44.4 216.6 324.8#

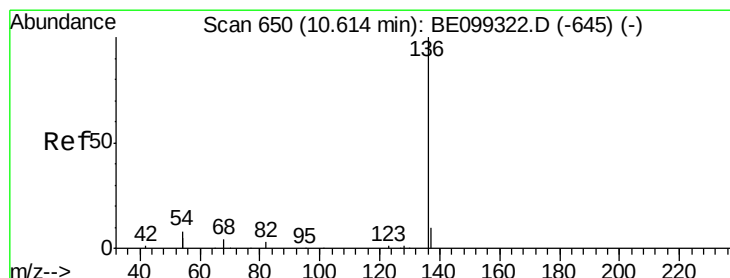
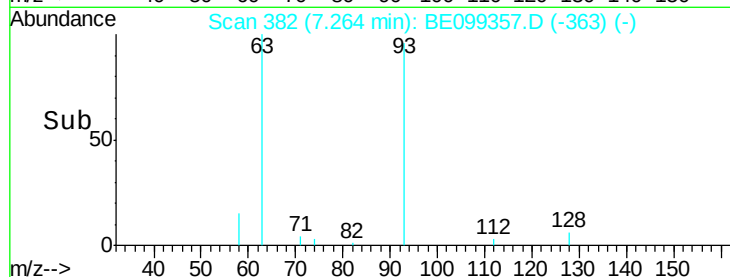
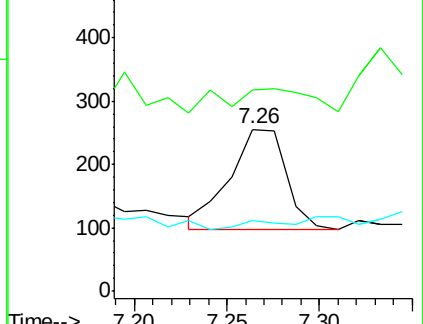
95 0.0 25.8 38.6#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Tgt Ion:136 Resp: 15037

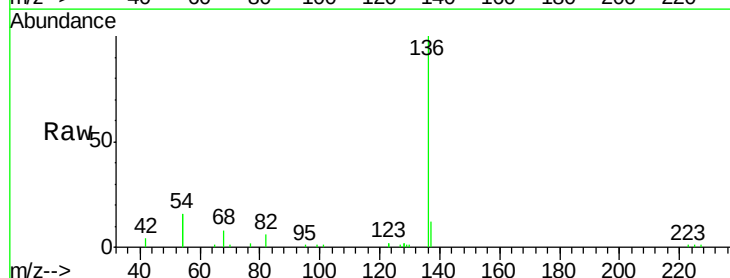
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 32.4 23.8 35.8

68 8.0 6.4 9.6

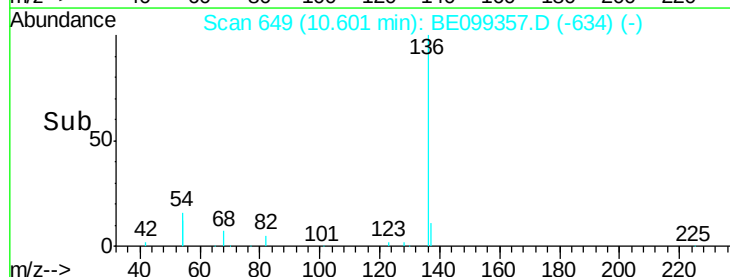
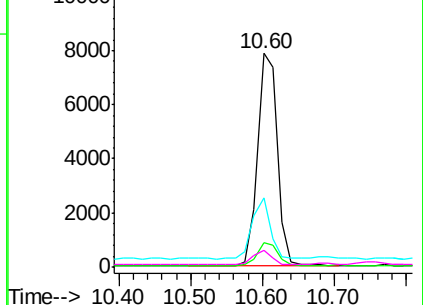


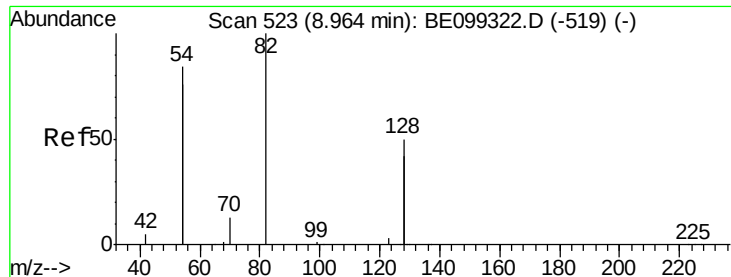
Abundance Ion 136.00 (135.70 to 136.70): E

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

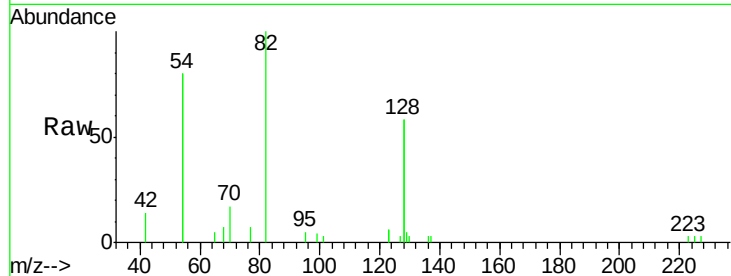




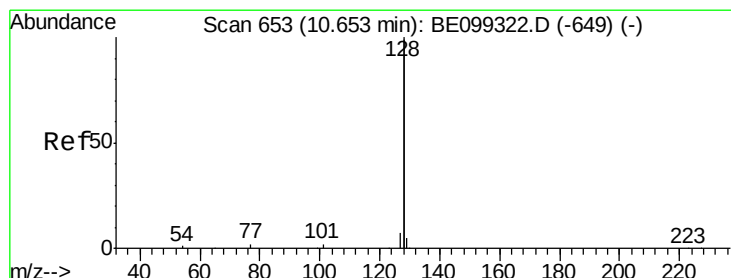
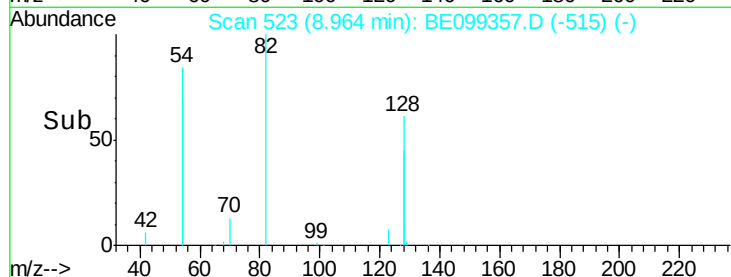
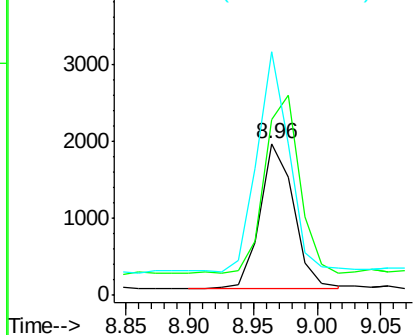
#8
 Nitrobenzene-d5
 Concen: 0.295 ng
 RT: 8.96 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BE099357.D
 Acq: 25 Apr 2019 12:36

Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW060-042219

Tot Ion: 82 Resp: 3444
 Ion Ratio Lower Upper
 82 100
 128 116.0 91.7 137.5
 54 160.8 122.8 184.2

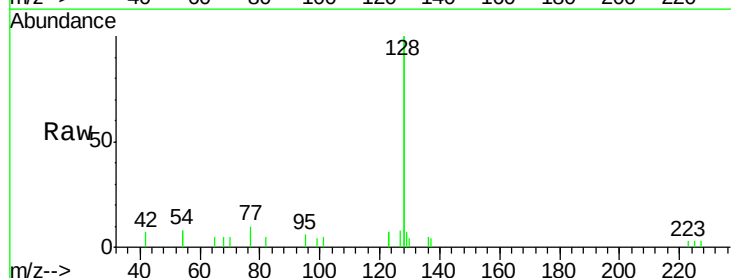


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

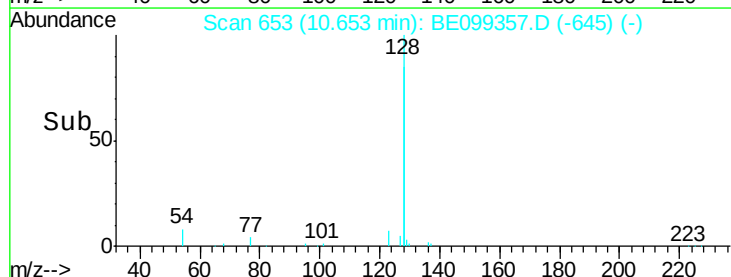
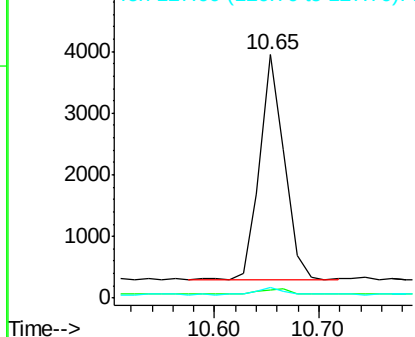


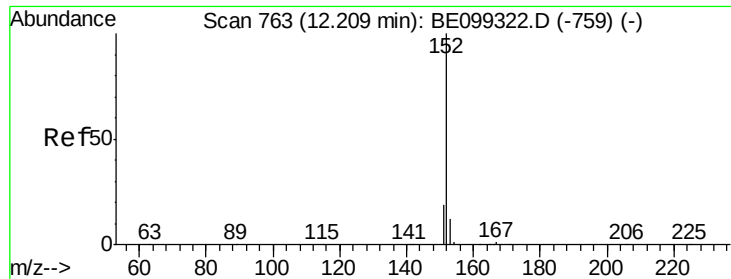
#9
 Naphthalene
 Concen: 0.037 ng
 RT: 10.65 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BE099357.D
 Acq: 25 Apr 2019 12:36

Tgt Ion: 128 Resp: 6081
 Ion Ratio Lower Upper
 128 100
 129 3.5 2.3 3.5
 127 4.2 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

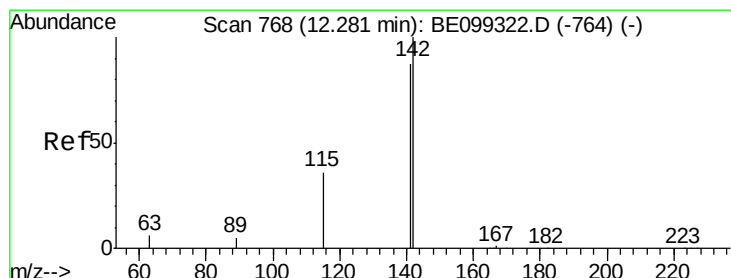
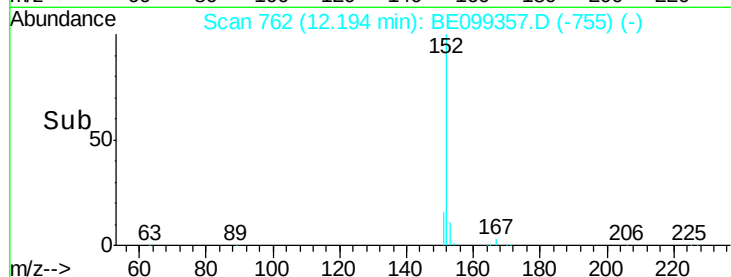
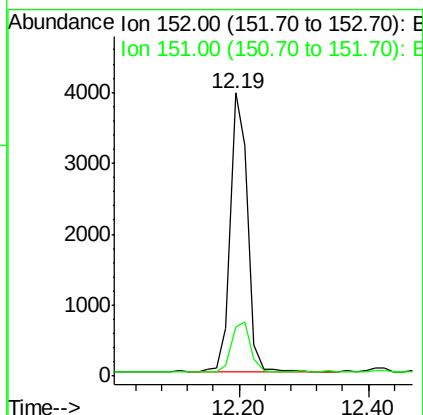
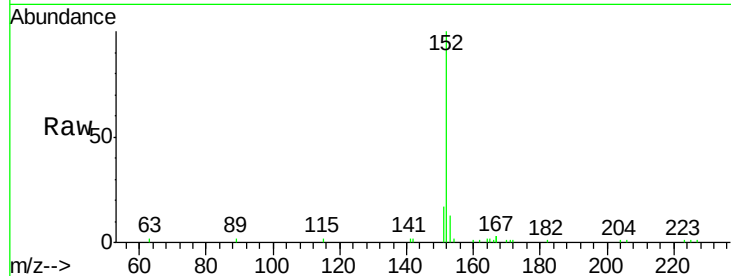




#11
 2-Methylnaphthalene-d10
 Concen: 0.272 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099357.D
 Acq: 25 Apr 2019 12:36

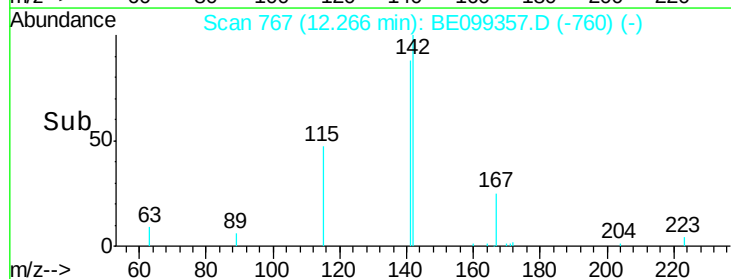
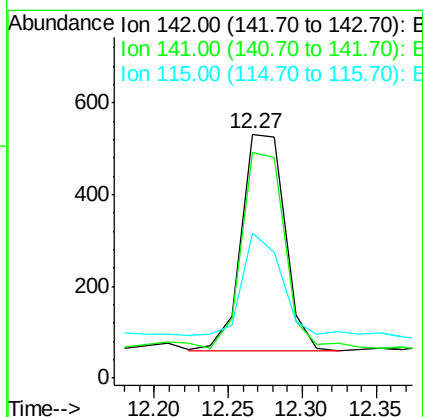
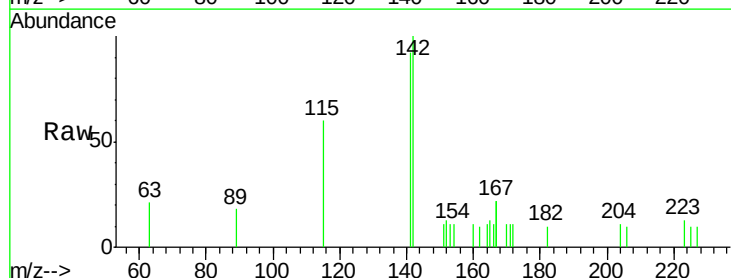
Instrument :
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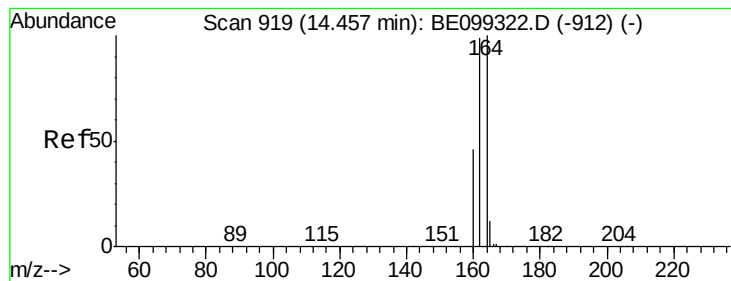
Tot Ion:152 Resp: 7209
 Ion Ratio Lower Upper
 152 100
 151 19.9 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.034 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099357.D
 Acq: 25 Apr 2019 12:36

Tgt Ion:142 Resp: 961
 Ion Ratio Lower Upper
 142 100
 141 92.5 72.0 108.0
 115 59.5 33.4 50.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

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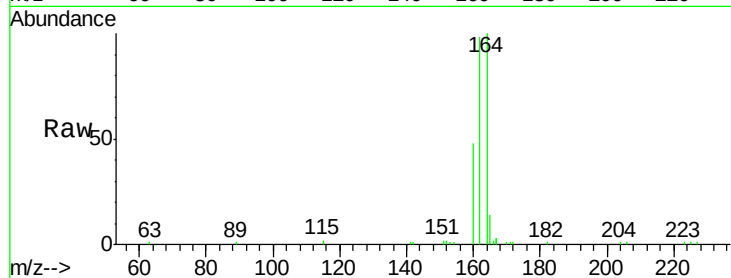
Tot Ion:164 Resp: 11798

Ion Ratio Lower Upper

164 100

162 98.5 77.8 116.6

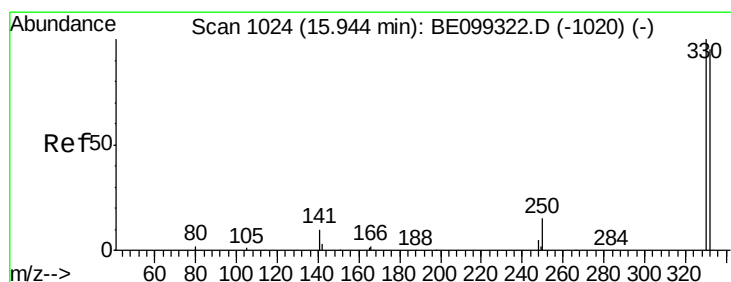
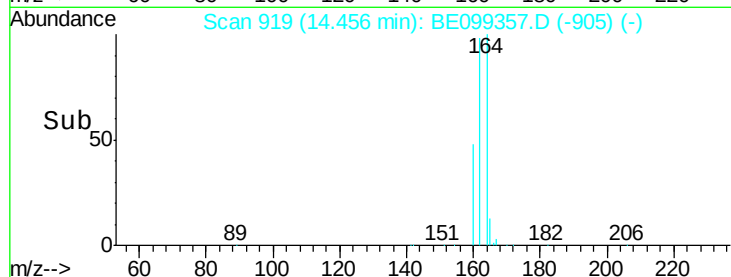
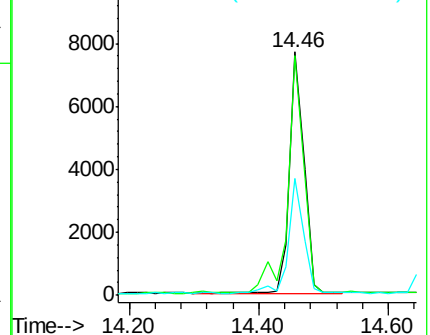
160 48.3 37.1 55.7



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: 0.424 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

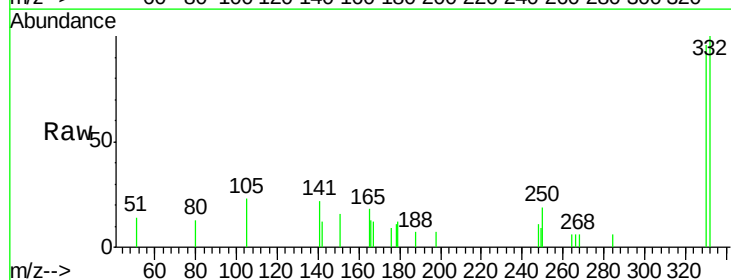
Tgt Ion:330 Resp: 1663

Ion Ratio Lower Upper

330 100

332 100.8 82.5 123.7

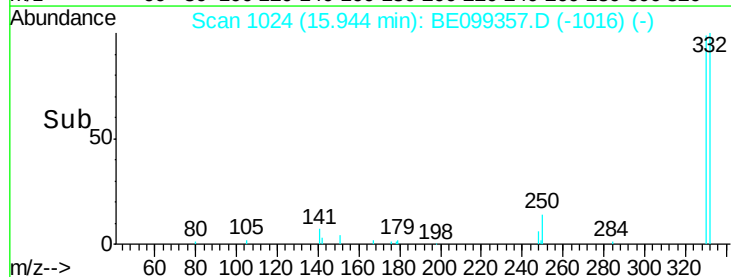
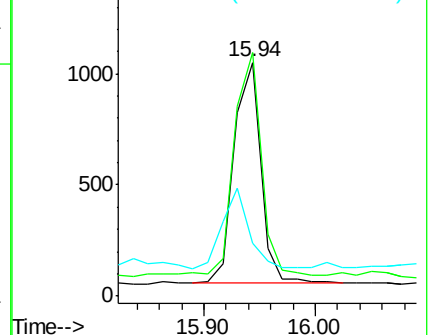
141 37.8 24.9 37.3#

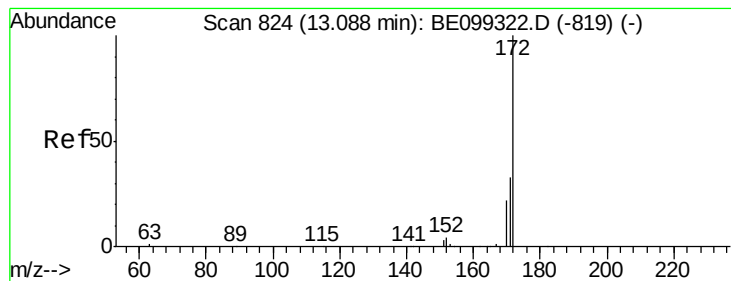


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

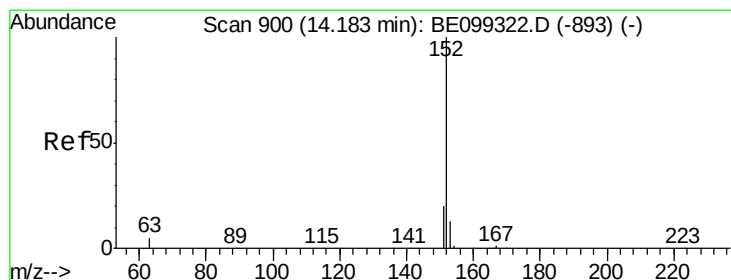
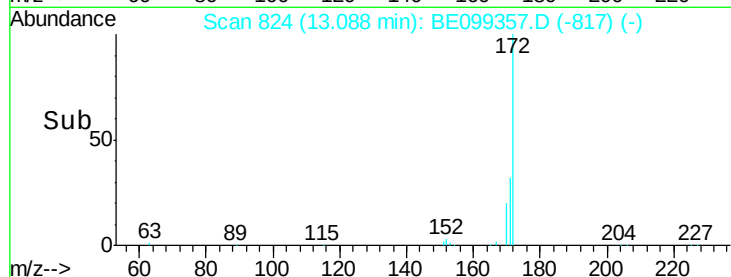
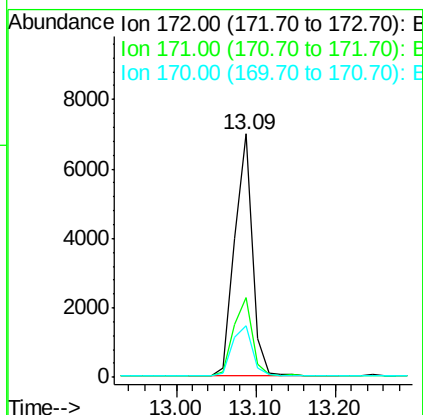
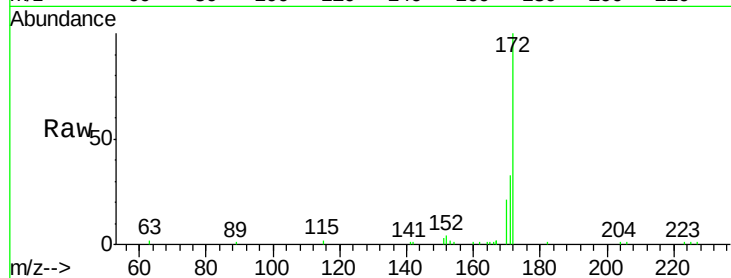




#15
2-Fluorobiphenyl
Concen: 0.231 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099357.D
Acq: 25 Apr 2019 12:36

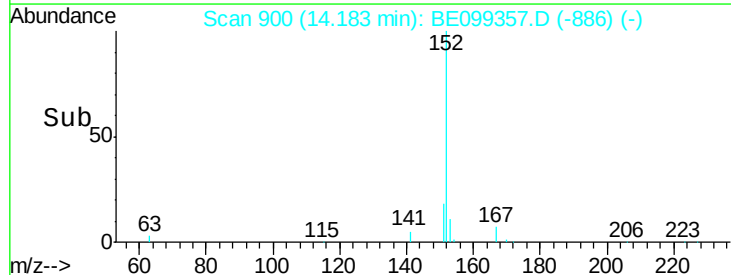
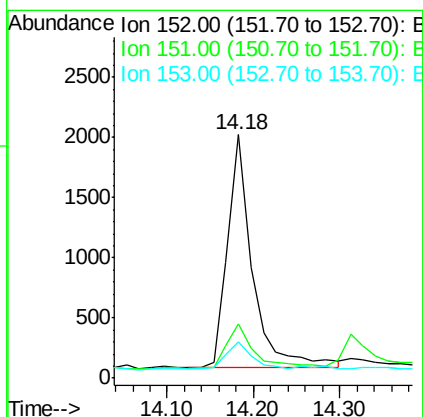
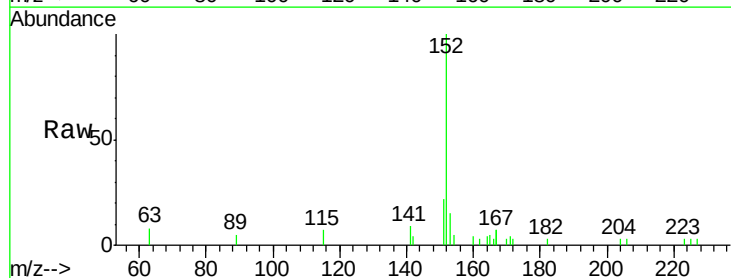
Instrument :
BNA_E
ClientSampleId :
EXT-073-SW060-042219

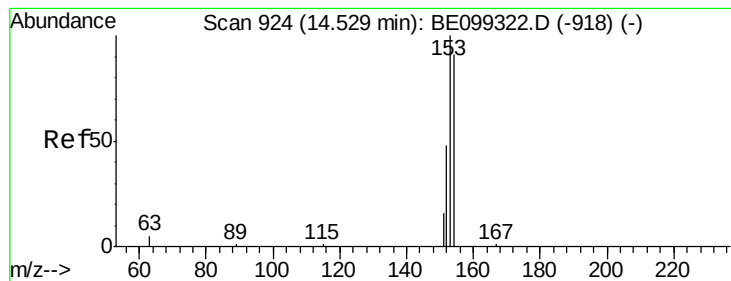
Tot Ion:172 Resp: 10699
Ion Ratio Lower Upper
172 100
171 33.0 26.2 39.2
170 21.1 18.1 27.1



#16
Acenaphthylene
Concen: 0.072 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099357.D
Acq: 25 Apr 2019 12:36

Tgt Ion:152 Resp: 3828
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 12.3 10.2 15.4





#17

Acenaphthene

Concen: 0.027 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.01 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

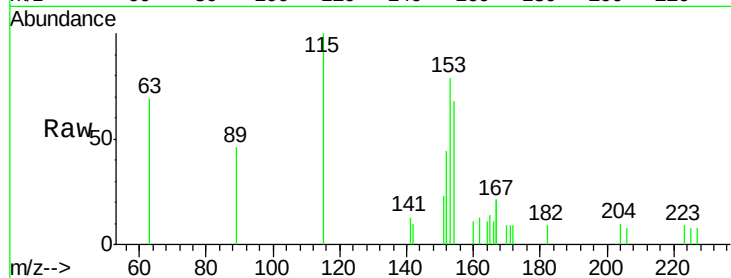
Tot Ion:154 Resp: 875

Ion Ratio Lower Upper

154 100

153 119.1 94.7 142.1

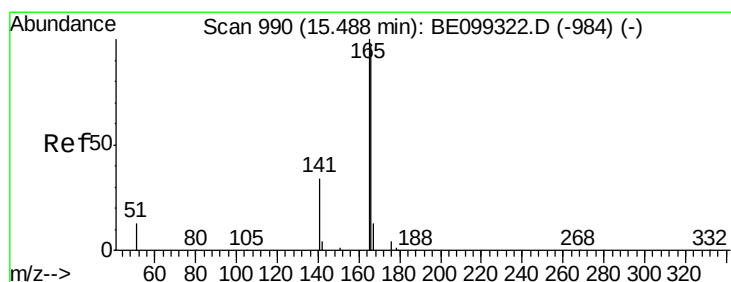
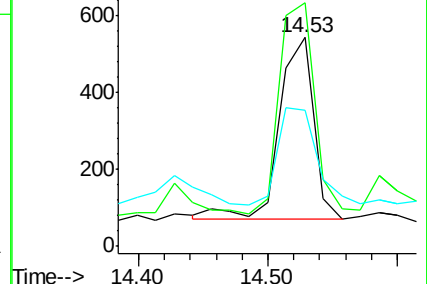
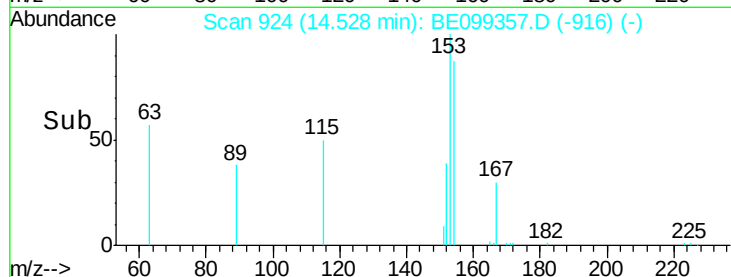
152 61.3 46.4 69.6



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: 0.043 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

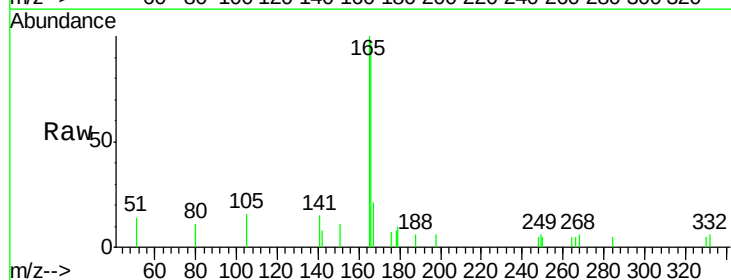
Tgt Ion:166 Resp: 2014

Ion Ratio Lower Upper

166 100

165 90.1 79.7 119.5

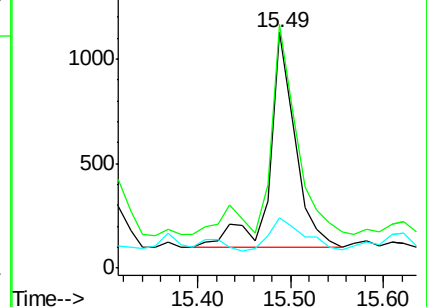
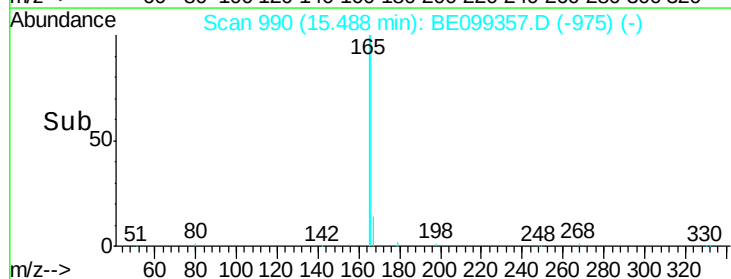
167 20.2 11.0 16.4#

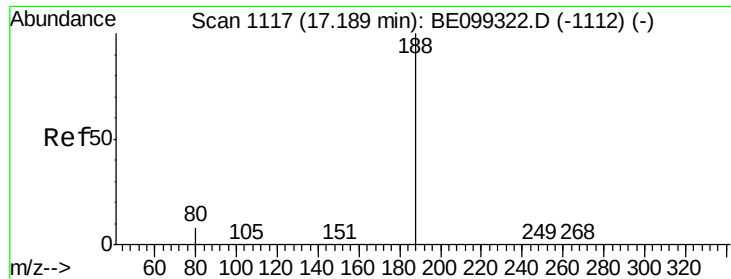


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

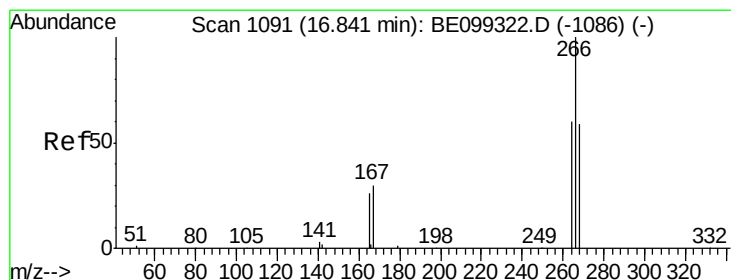
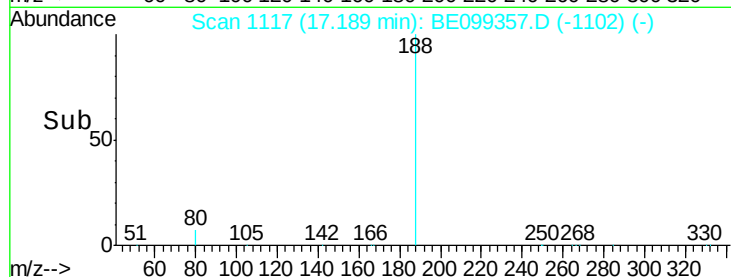
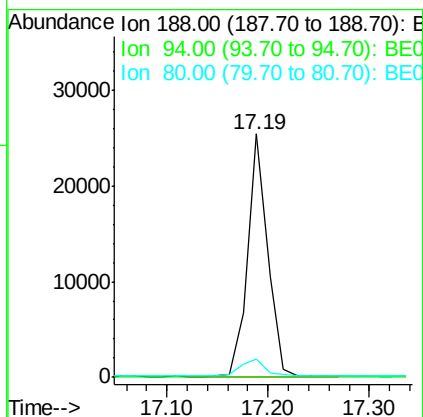
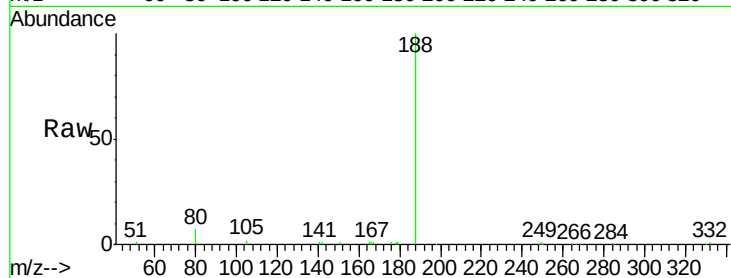




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099357.D
Acq: 25 Apr 2019 12:36

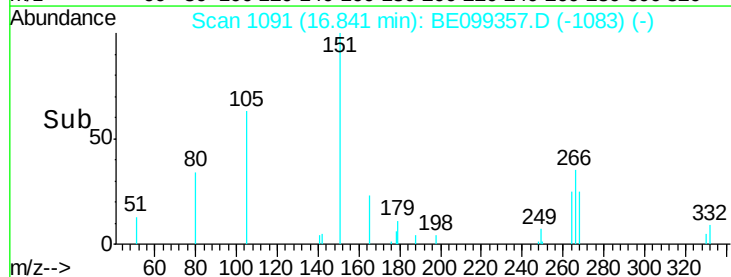
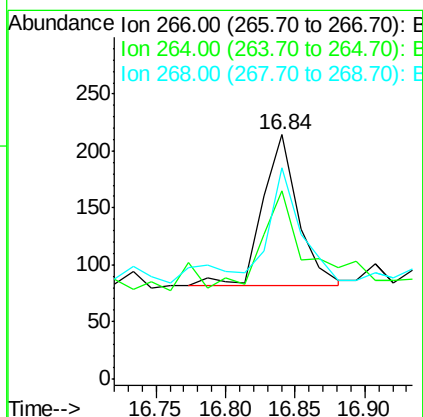
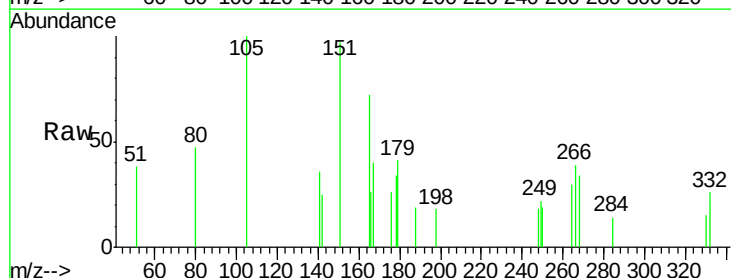
Instrument :
BNA_E
ClientSampleId :
EXT-073-SW060-042219

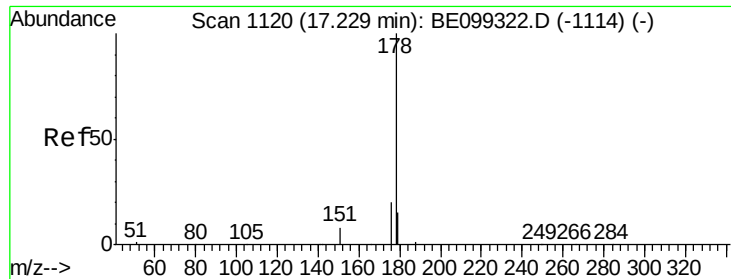
Tot Ion:188 Resp: 35017
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.2 9.4



#22
Pentachlorophenol
Concen: 0.251 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099357.D
Acq: 25 Apr 2019 12:36

Tgt Ion:266 Resp: 234
Ion Ratio Lower Upper
266 100
264 77.1 54.5 81.7
268 86.4 54.3 81.5#





#23

Phenanthrene

Concen: 0.567 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

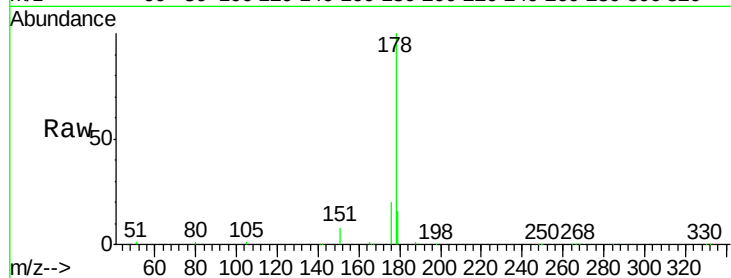
Tot Ion:178 Resp: 52534

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

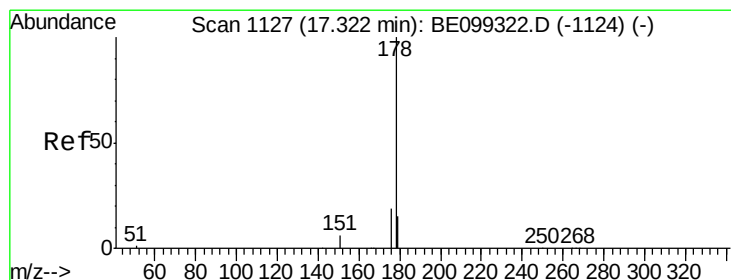
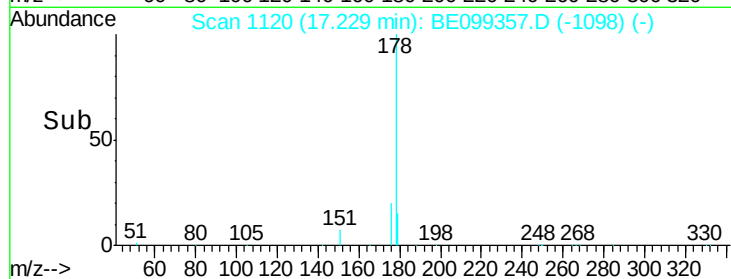
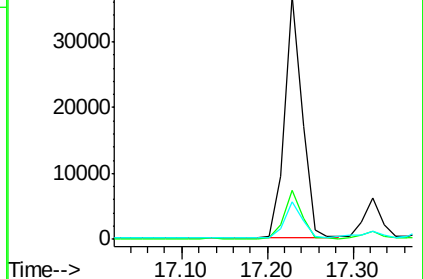
179 15.7 12.4 18.6



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



#24

Anthracene

Concen: 0.101 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

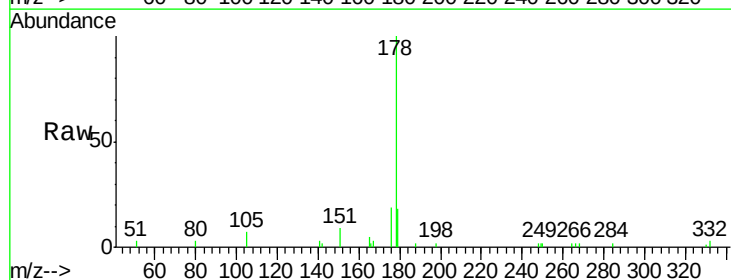
Tgt Ion:178 Resp: 8334

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

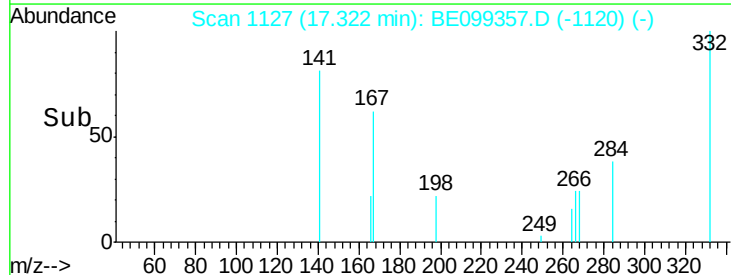
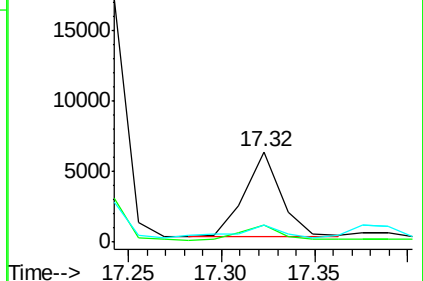
179 18.7 11.9 17.9#

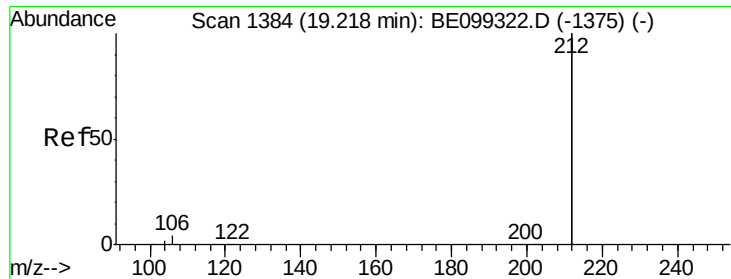


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

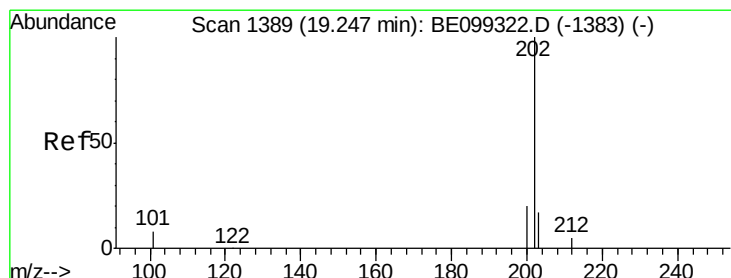
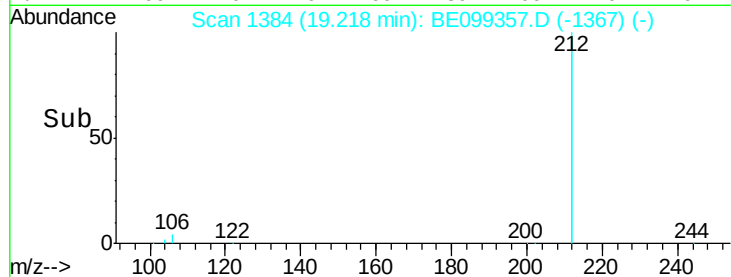
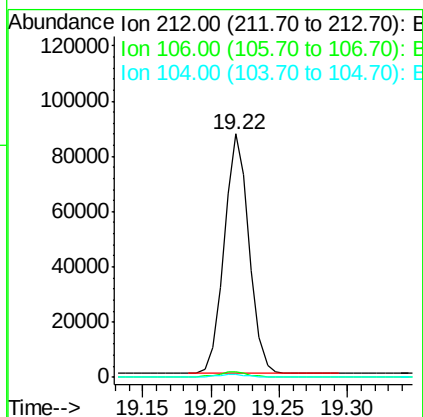
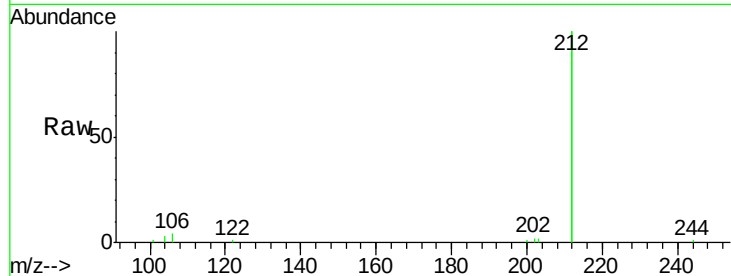




#25
 Fluoranthene-d10
 Concen: 0.262 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BE099357.D
 Acq: 25 Apr 2019 12:36

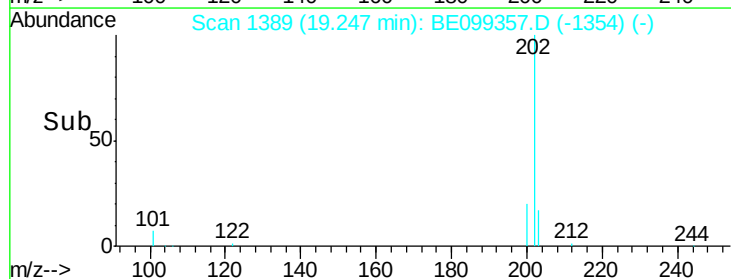
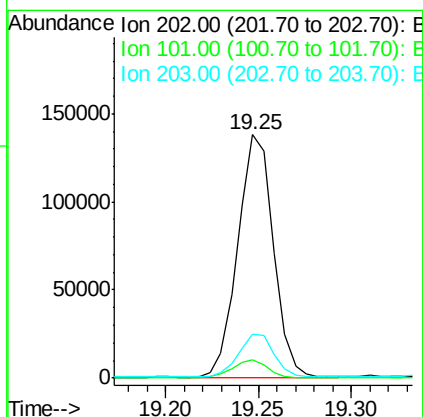
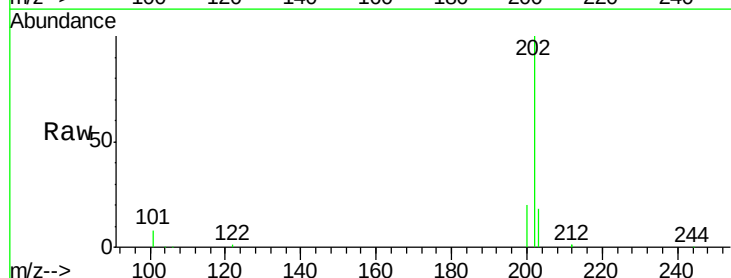
Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW060-042219

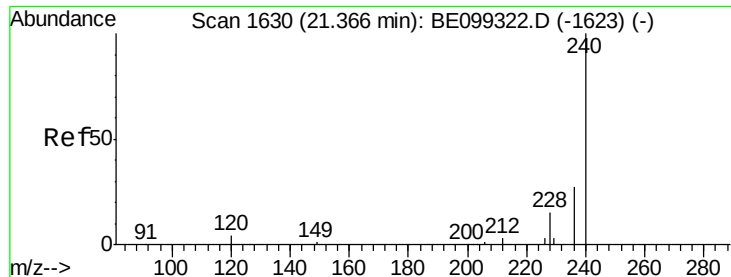
Tot Ion:212 Resp: 110375
 Ion Ratio Lower Upper
 212 100
 106 2.1 1.8 2.6
 104 1.3 1.0 1.4



#26
 Fluoranthene
 Concen: 1.476 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE099357.D
 Acq: 25 Apr 2019 12:36

Tgt Ion:202 Resp: 183132
 Ion Ratio Lower Upper
 202 100
 101 7.4 6.4 9.6
 203 17.5 13.5 20.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

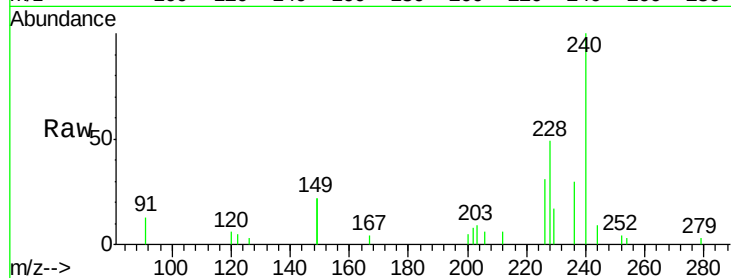
Tot Ion:240 Resp: 40324

Ion Ratio Lower Upper

240 100

120 6.0 2.2 3.2#

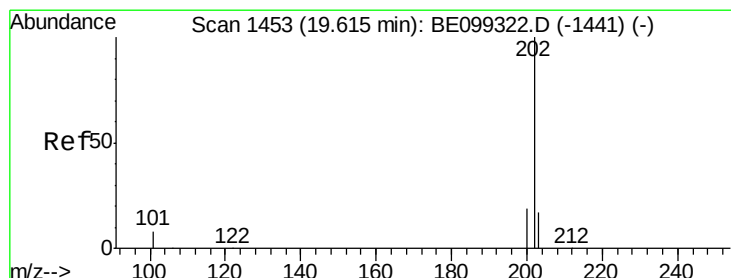
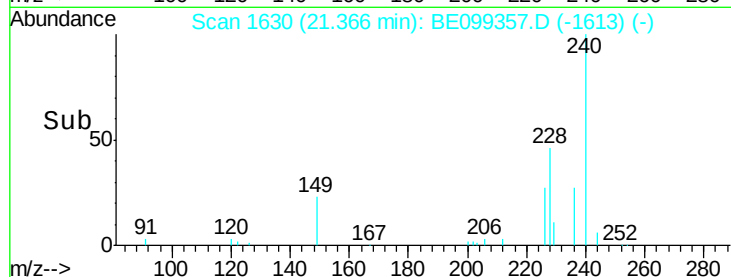
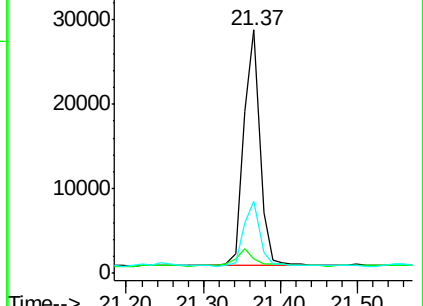
236 29.5 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.476 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

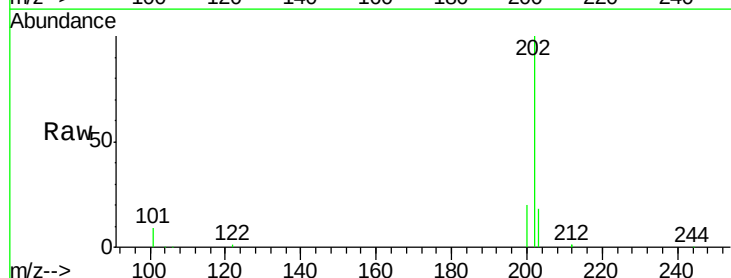
Tgt Ion:202 Resp: 175320

Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

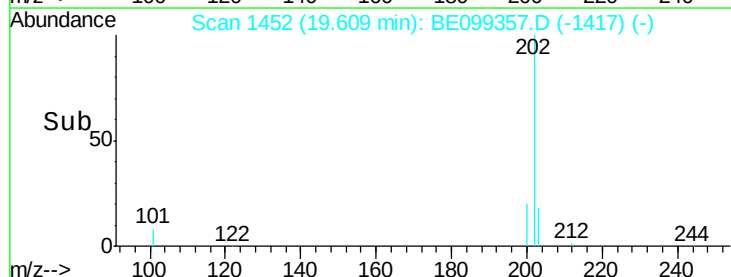
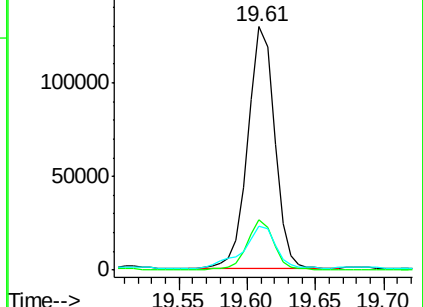
203 21.5 13.7 20.5#

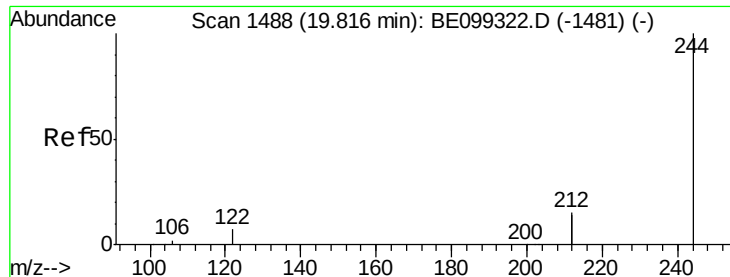


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.251 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

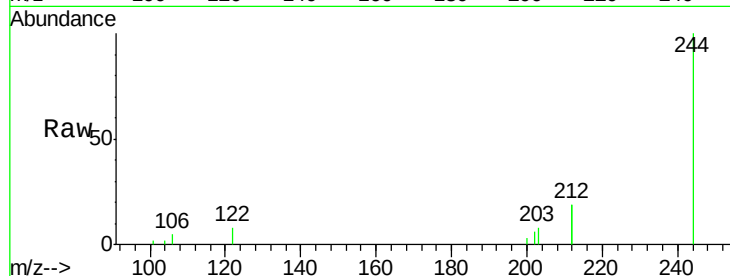
Tot Ion:244 Resp: 19941

Ion Ratio Lower Upper

244 100

212 37.1 22.6 33.8#

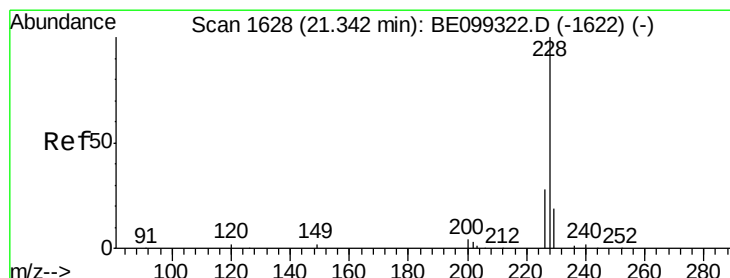
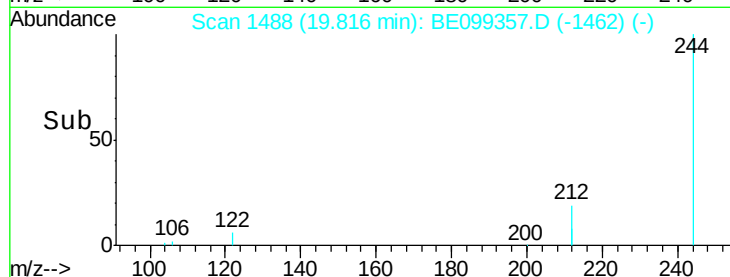
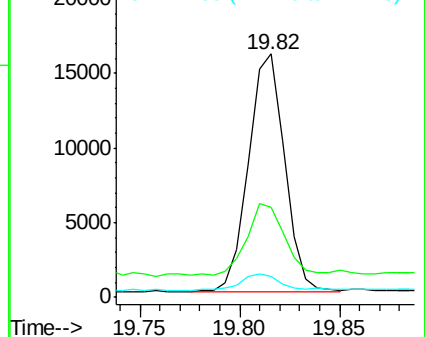
122 8.5 4.6 7.0#



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: 0.947 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

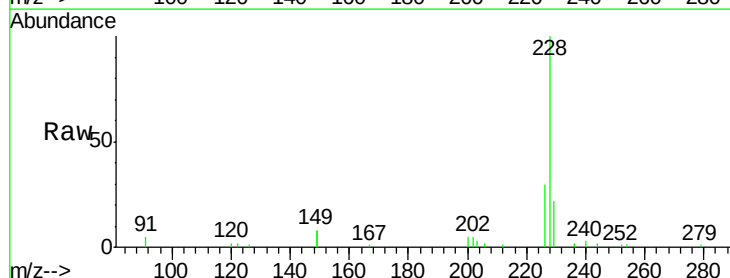
Tgt Ion:228 Resp: 112270

Ion Ratio Lower Upper

228 100

226 30.0 22.0 33.0

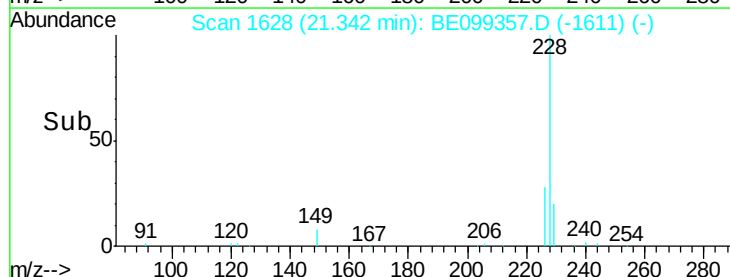
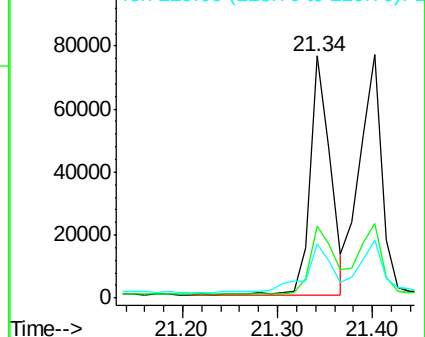
229 22.2 15.8 23.8

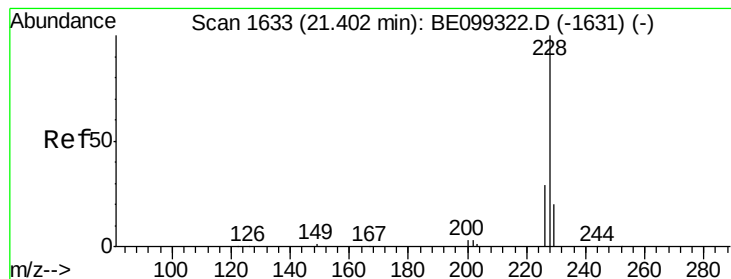


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.972 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

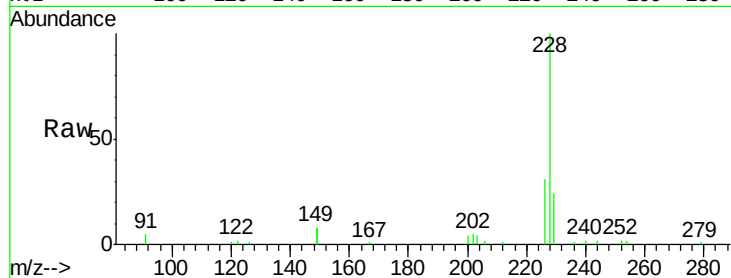
Tot Ion:228 Resp: 122636

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

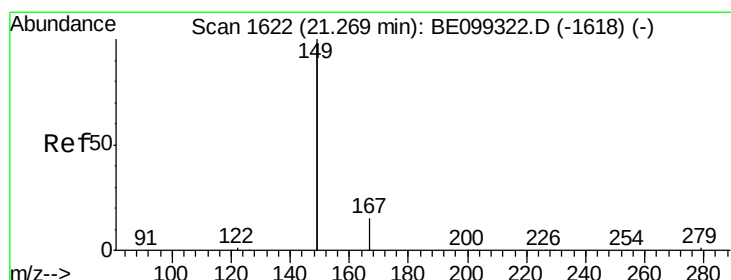
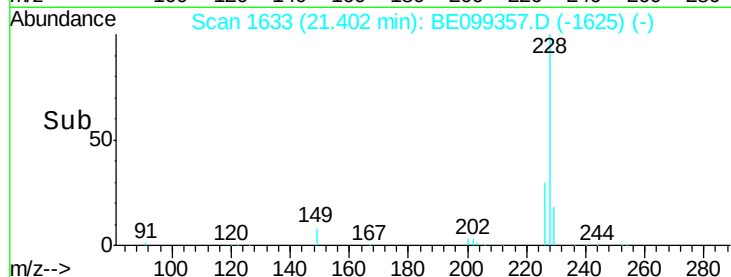
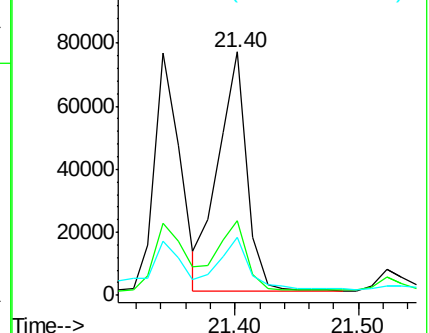
229 23.8 16.2 24.2



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: 1.971 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

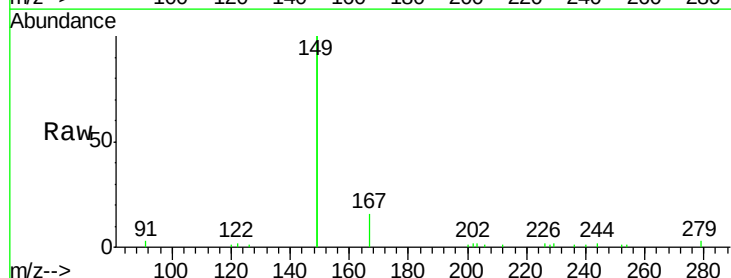
Tgt Ion:149 Resp: 212591

Ion Ratio Lower Upper

149 100

167 7.3 6.0 9.0

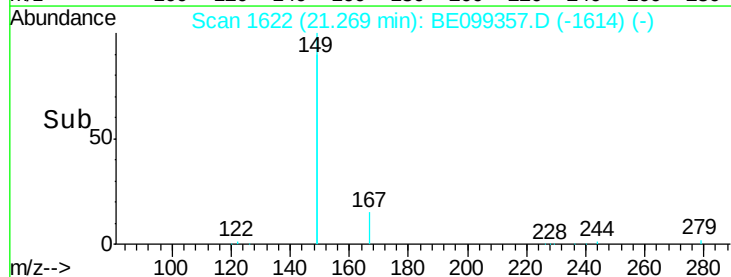
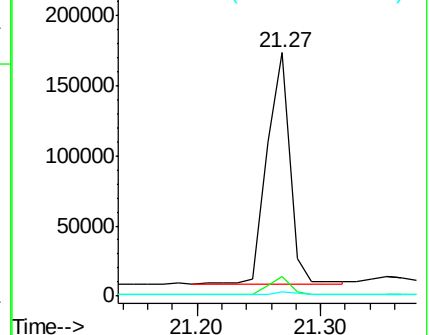
279 1.4 1.1 1.7

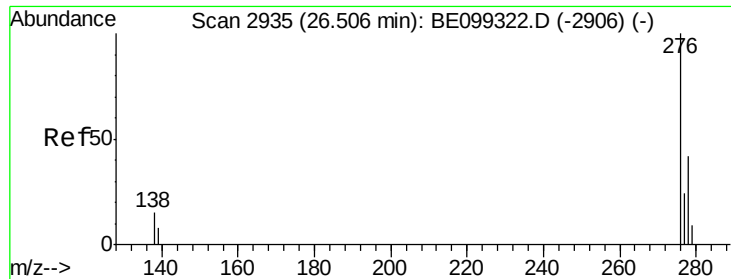


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.733 ng

RT: 26.50 min Scan# 2933

Delta R.T. 0.01 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

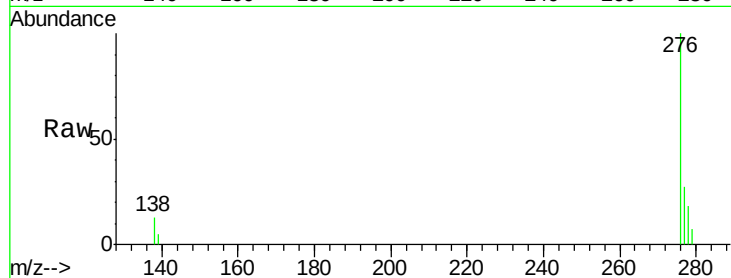
Tot Ion:276 Resp: 91272

Ion Ratio Lower Upper

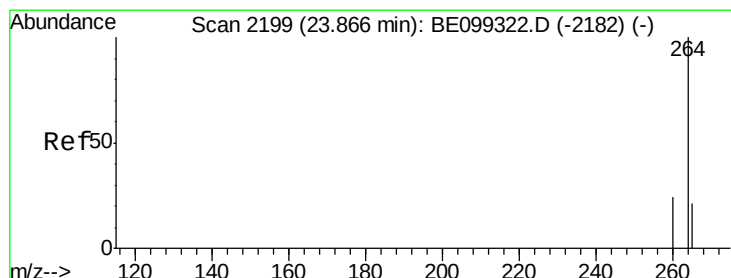
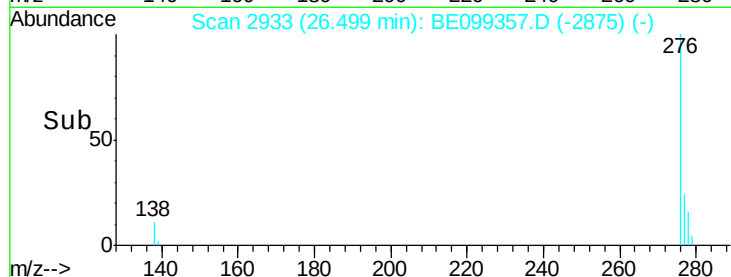
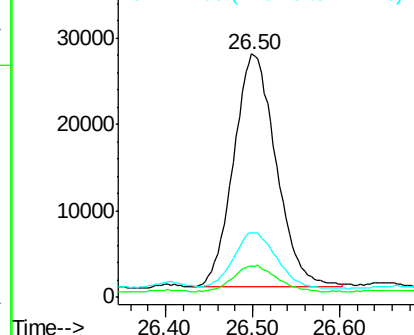
276 100

138 11.4 12.7 19.1#

277 24.1 19.6 29.4



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: 23.87 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

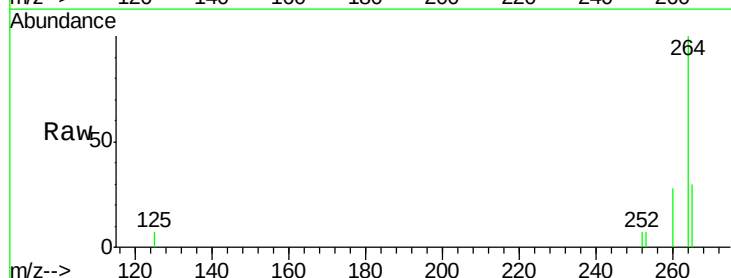
Tgt Ion:264 Resp: 45032

Ion Ratio Lower Upper

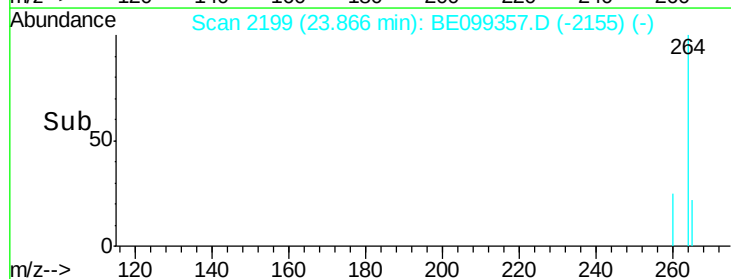
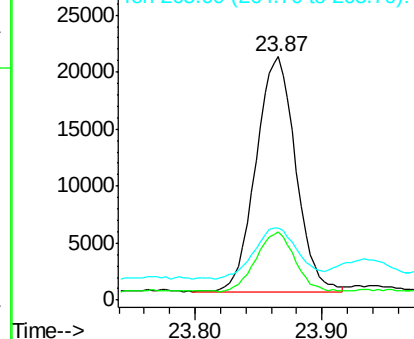
264 100

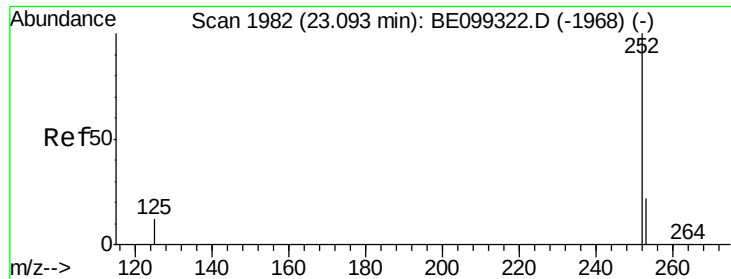
260 28.3 20.1 30.1

265 29.7 19.9 29.9



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: 1.172 ng

RT: 23.09 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

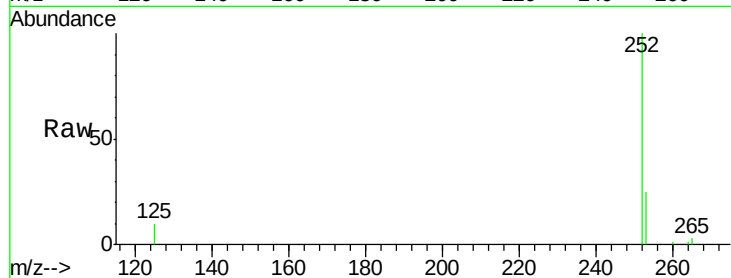
Tot Ion:252 Resp: 161584

Ion Ratio Lower Upper

252 100

253 25.0 17.3 25.9

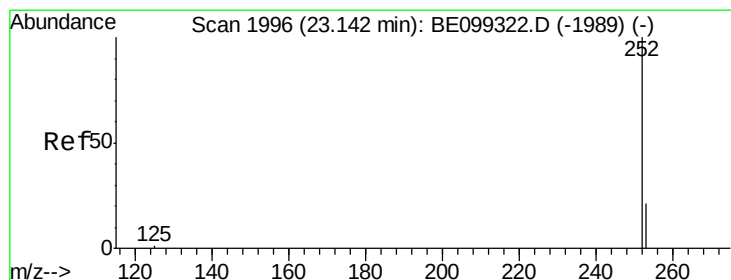
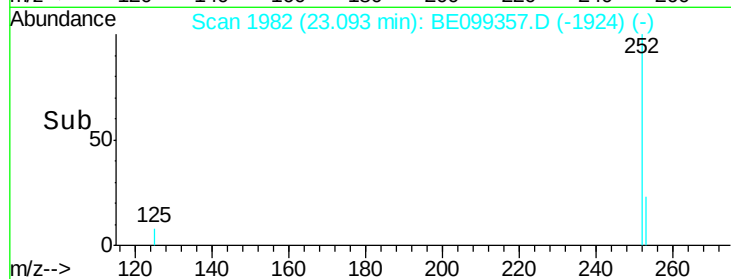
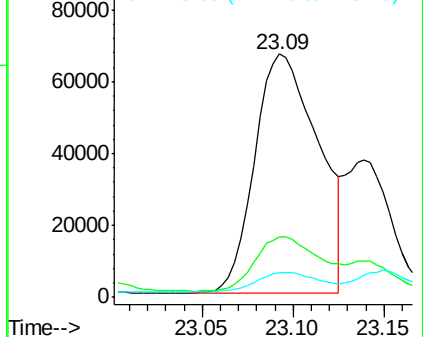
125 10.1 5.8 8.6#



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: 1.176 ng

RT: 23.09 min Scan# 1982

Delta R.T. -0.04 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

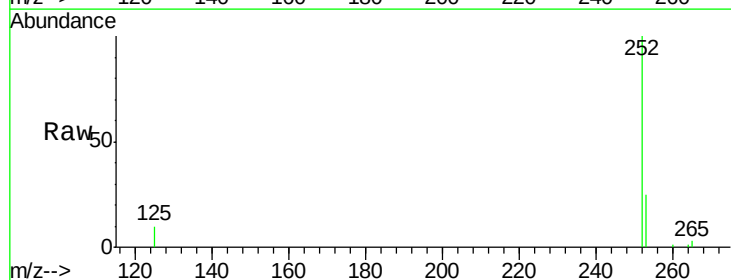
Tgt Ion:252 Resp: 161584

Ion Ratio Lower Upper

252 100

253 25.0 18.4 27.6

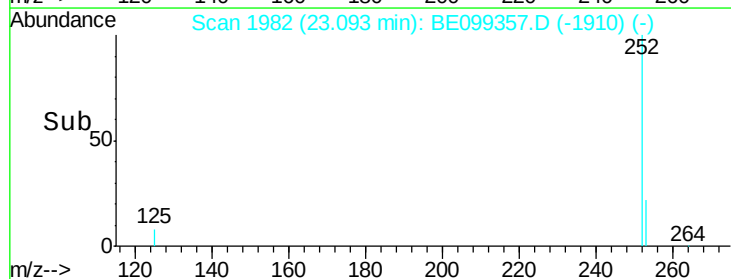
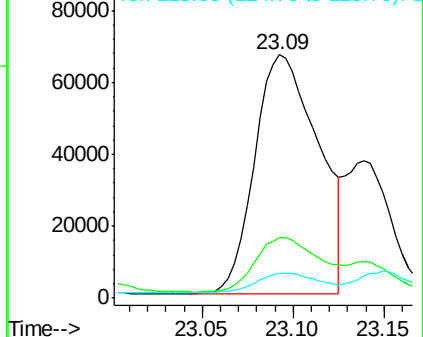
125 10.1 5.4 8.0#

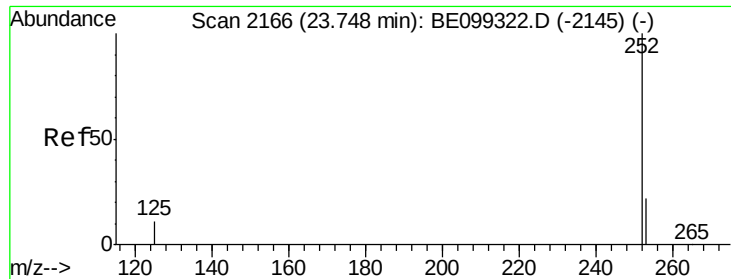


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.911 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219

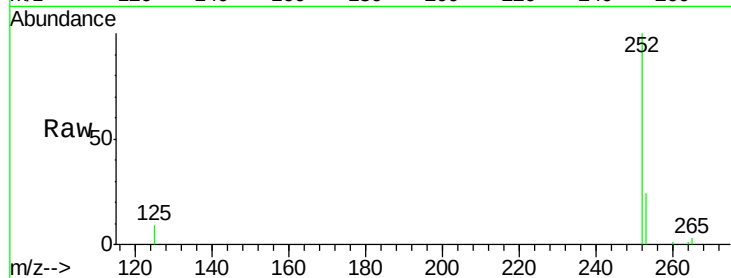
Tot Ion:252 Resp: 112517

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

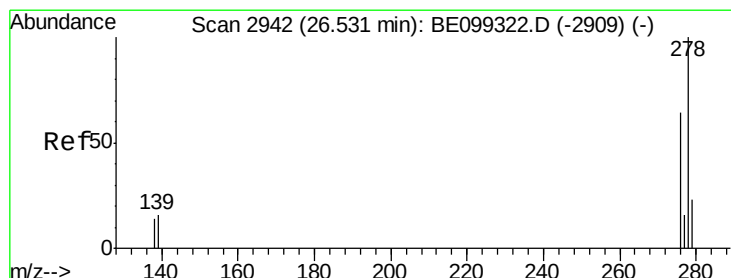
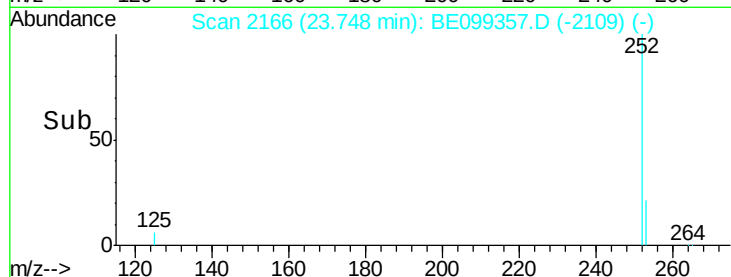
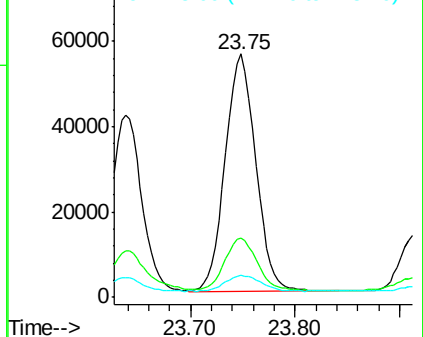
125 9.1 6.5 9.7



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: 0.170 ng

RT: 26.52 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BE099357.D

Acq: 25 Apr 2019 12:36

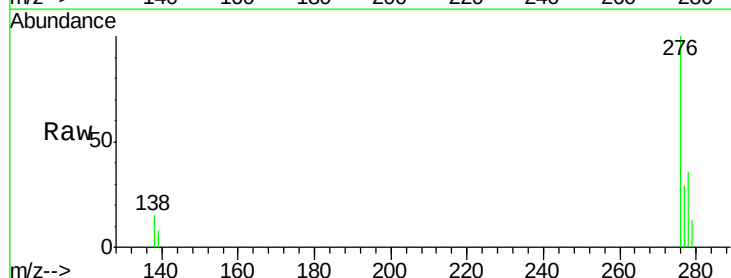
Tgt Ion:278 Resp: 21428

Ion Ratio Lower Upper

278 100

139 21.6 8.5 12.7#

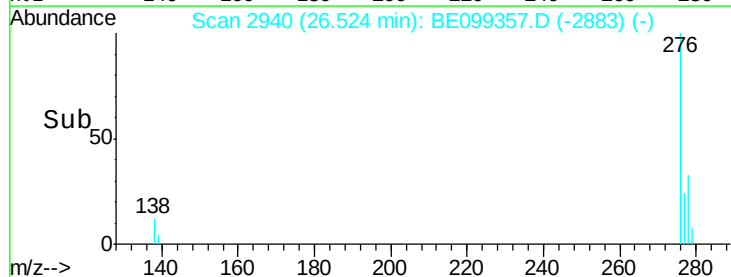
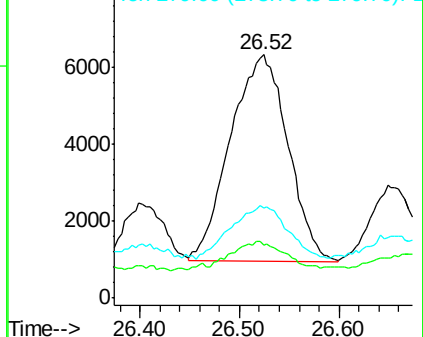
279 37.1 19.8 29.8#

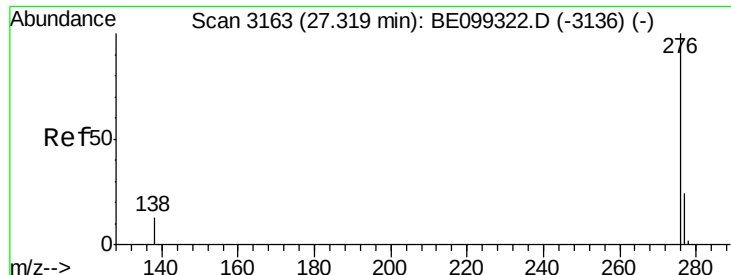


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.725 ng

RT: 27.32 min Scan# 3164

Delta R.T. 0.02 min

Lab File: BE099357.D

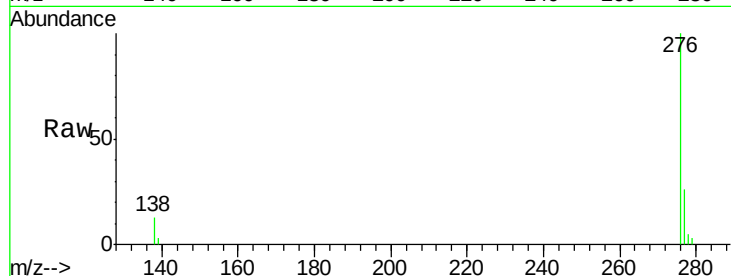
Acq: 25 Apr 2019 12:36

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW060-042219



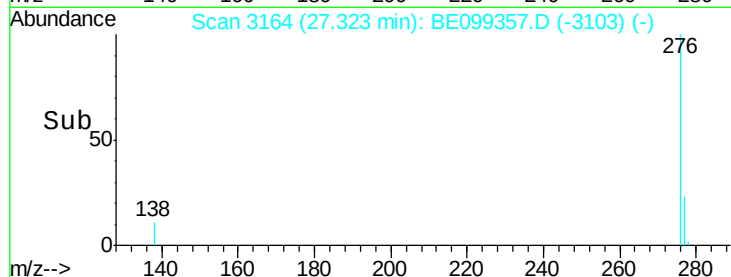
Tot Ion: 276 Resp: 92755

Ion Ratio Lower Upper

276 100

277 25.8 20.0 30.0

138 12.8 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

