

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
 Data File : BE099442.D
 Acq On : 1 May 2019 1:15
 Operator : JU/SJ
 Sample : K2568-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-074-SW056-042219

Quant Time: May 01 02:16:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2545	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	9862	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7522	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24868	0.40	ng	0.00
27) Chrysene-d12	21.37	240	32313	0.40	ng	0.00
34) Perylene-d12	23.86	264	37275	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	2425	0.34	ng	0.00
5) Phenol-d6	6.97	99	3541	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	2720	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	5003	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1732	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	7380	0.26	ng	-0.01
25) Fluoranthene-d10	19.22	212	81233	0.24	ng	0.00
29) Terphenyl-d14	19.81	244	16408	0.28	ng	0.00

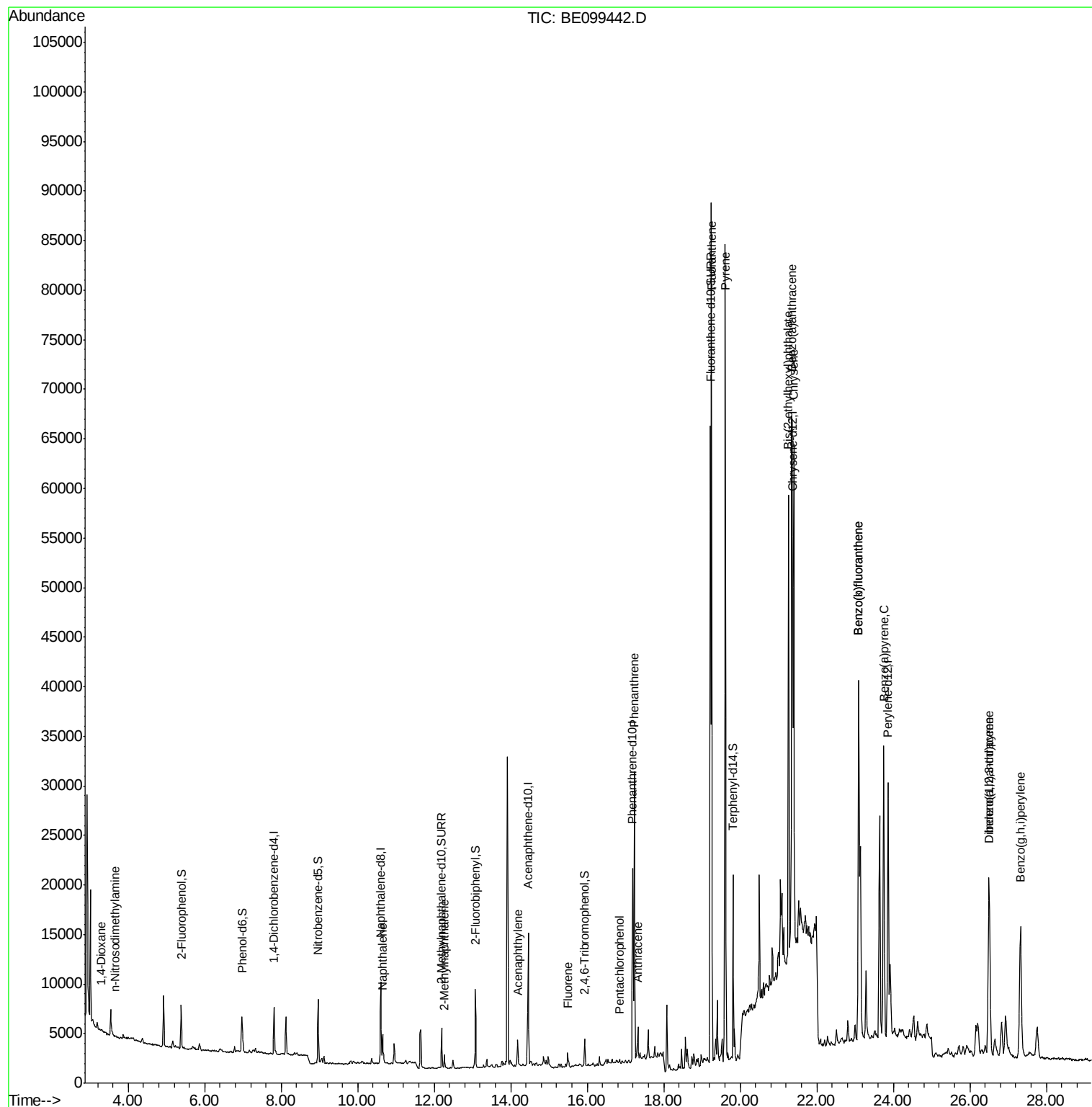
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	84	0.024	ng	# 4
3) n-Nitrosodimethylamine	3.67	42	61	0.029	ng	# 1
9) Naphthalene	10.65	128	4569	0.043	ng	# 96
12) 2-Methylnaphthalene	12.27	142	890	0.048	ng	# 87
16) Acenaphthylene	14.18	152	4051	0.110	ng	# 94
18) Fluorene	15.49	166	1349	0.044	ng	# 95
22) Pentachlorophenol	16.84	266	71	0.225	ng	# 68
23) Phenanthrene	17.23	178	28987	0.452	ng	# 99
24) Anthracene	17.32	178	3521	0.058	ng	# 91
26) Fluoranthene	19.25	202	78497	0.817	ng	# 99
28) Pyrene	19.61	202	76230	0.905	ng	# 97
30) Benzo(a)anthracene	21.34	228	47525	0.462	ng	# 94
31) Chrysene	21.40	228	51927	0.515	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.26	149	63711	0.367	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.50	276	34874	0.293	ng	# 99
35) Benzo(b)fluoranthene	23.09	252	67364	0.627	ng	# 90
36) Benzo(k)fluoranthene	23.09	252	67364	0.650	ng	# 91
37) Benzo(a)pyrene	23.75	252	45122	0.444	ng	# 91
38) Dibenzo(a,h)anthracene	26.52	278	8914	0.086	ng	# 57
39) Benzo(g,h,i)perylene	27.32	276	34760	0.334	ng	# 96

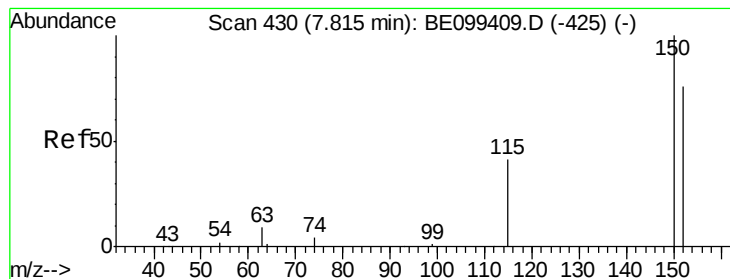
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

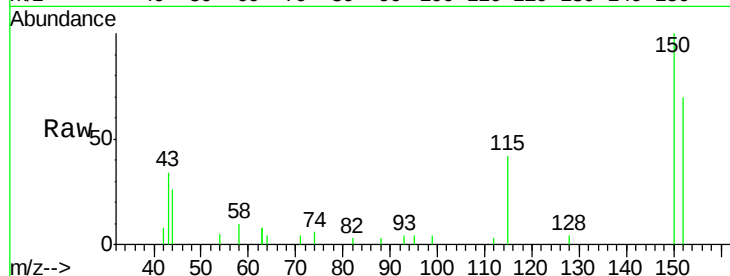
Tot Ion:152 Resp: 2545

Ion Ratio Lower Upper

152 100

150 142.6 104.8 157.2

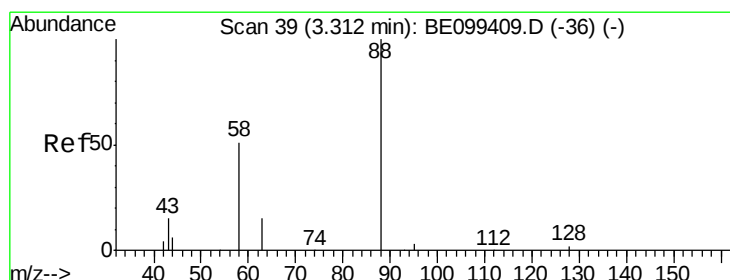
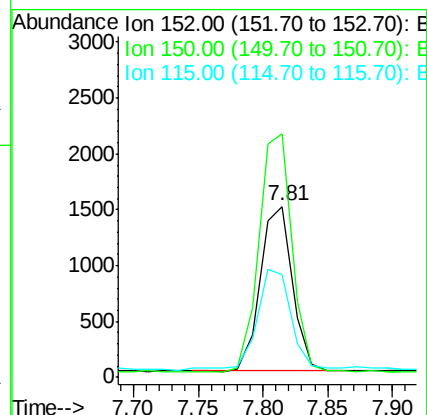
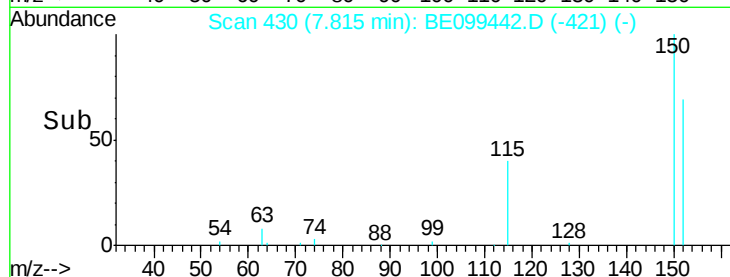
115 60.1 46.6 69.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.024 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

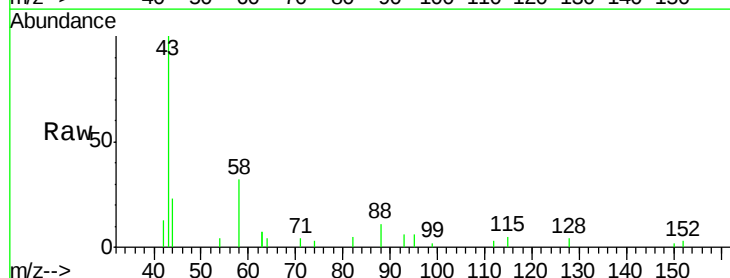
Tgt Ion: 88 Resp: 84

Ion Ratio Lower Upper

88 100

58 153.6 51.0 76.6#

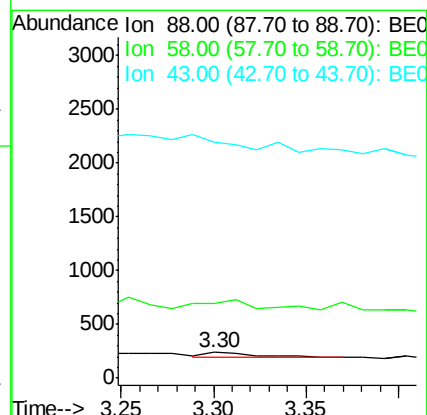
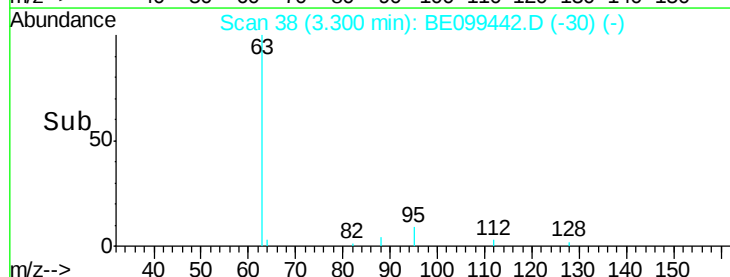
43 0.0 20.6 30.8#

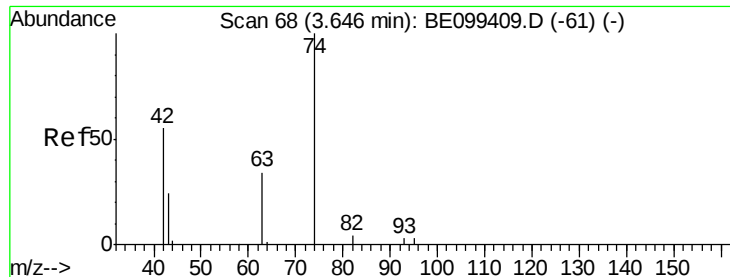


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



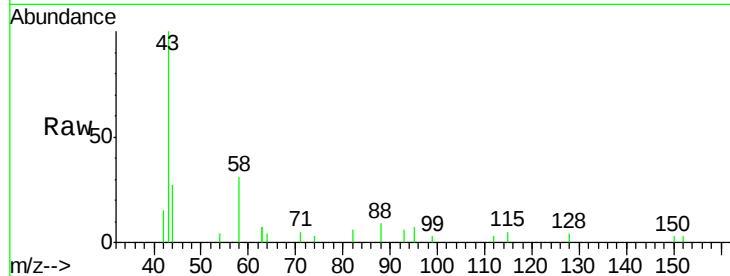


#3

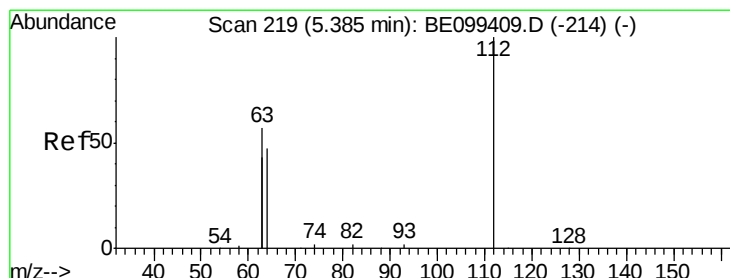
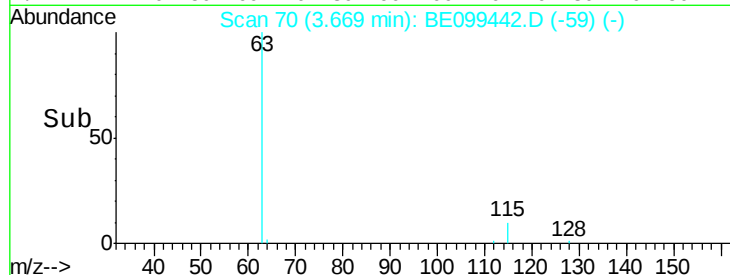
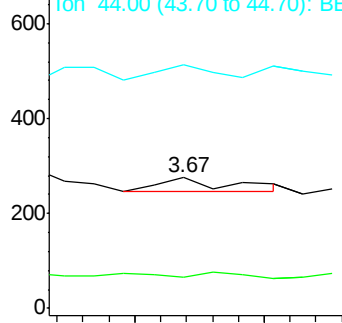
n-Nitrosodimethylamine
 Concen: 0.029 ng
 RT: 3.67 min Scan# 70
 Delta R.T. 0.02 min
 Lab File: BE099442.D
 Acq: 1 May 2019 1:15

Instrument :
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 EXT-074-SW056-042219

Tot Ion: 42 Resp: 61
 Ion Ratio Lower Upper
 42 100
 74 21.3 141.6 212.4#
 44 82.0 0.0 0.0#



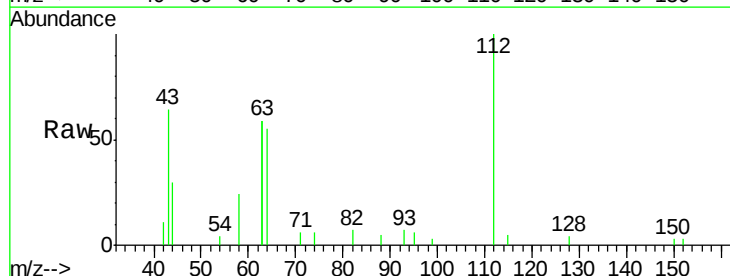
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



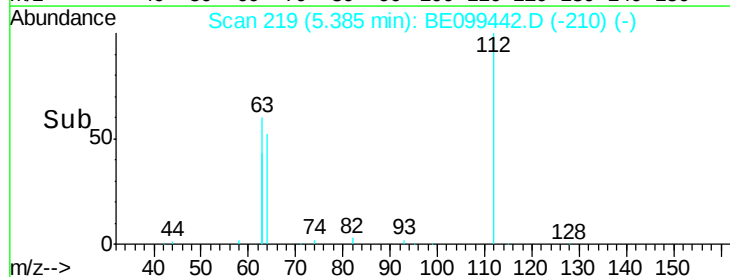
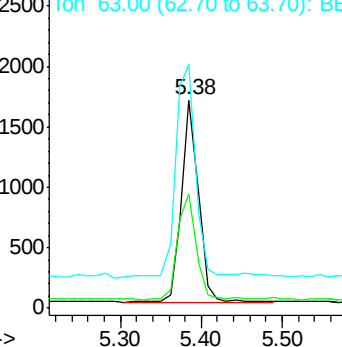
#4

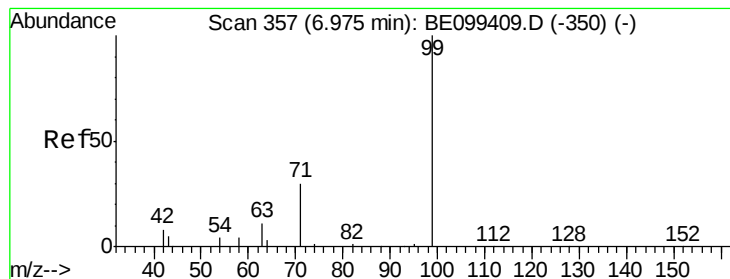
2-Fluorophenol
 Concen: 0.345 ng
 RT: 5.38 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099442.D
 Acq: 1 May 2019 1:15

Tgt Ion: 112 Resp: 2425
 Ion Ratio Lower Upper
 112 100
 64 57.2 47.4 71.0
 63 122.0 104.3 156.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.378 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

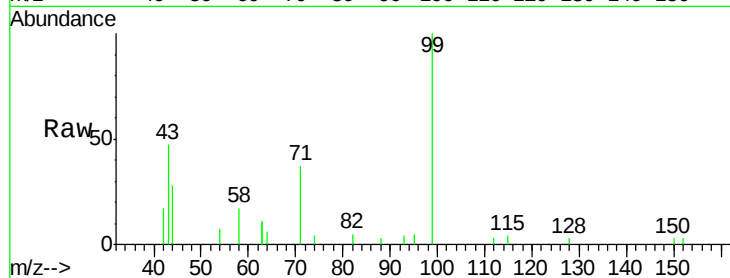
Tot Ion: 99 Resp: 3541

Ion Ratio Lower Upper

99 100

42 16.0 14.9 22.3

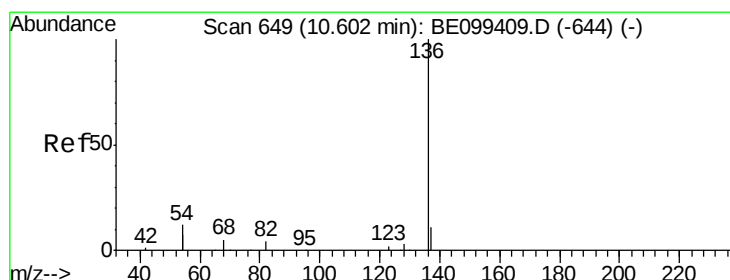
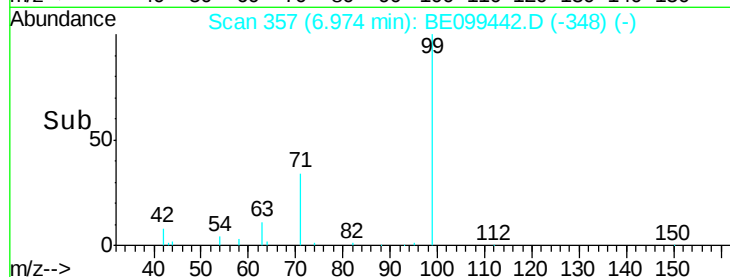
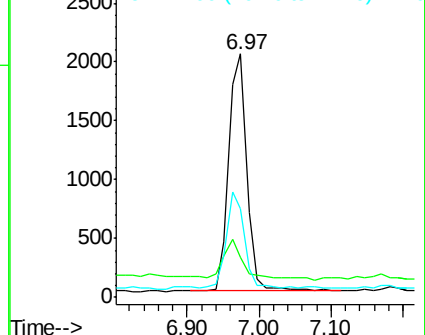
71 39.0 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Tgt Ion: 136 Resp: 9862

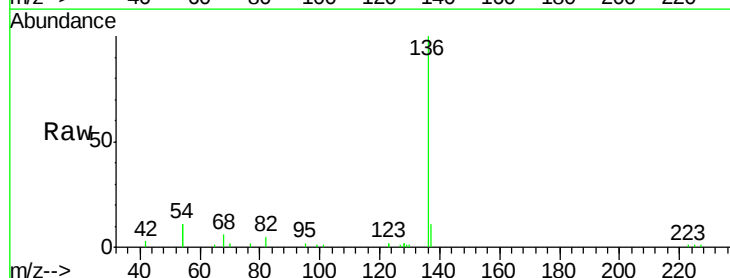
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 21.0 18.5 27.7

68 5.8 4.7 7.1

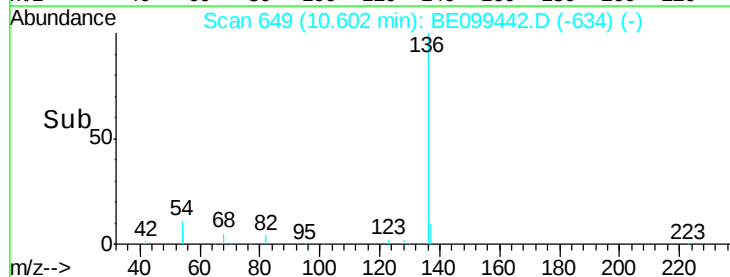
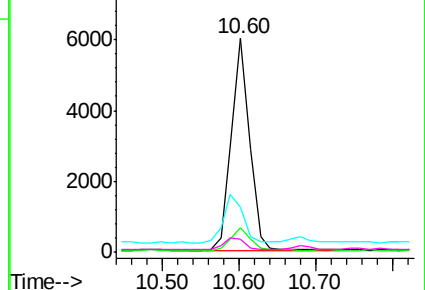


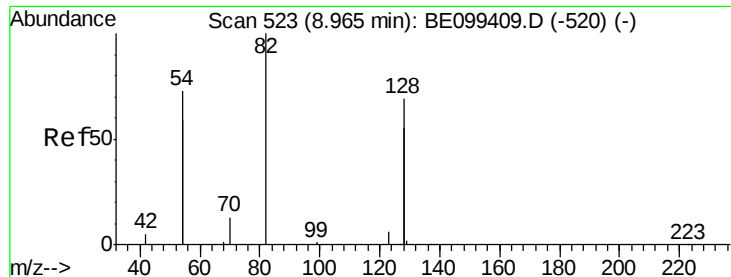
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.294 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

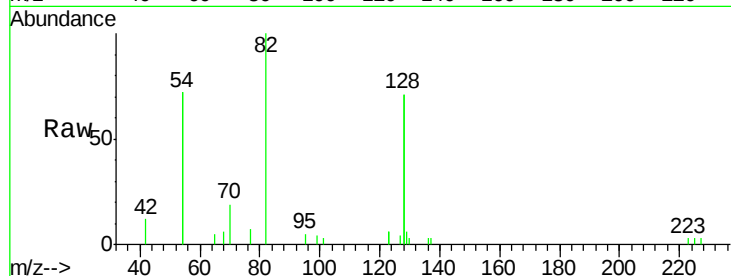
Tot Ion: 82 Resp: 2720

Ion Ratio Lower Upper

82 100

128 141.6 107.0 160.4

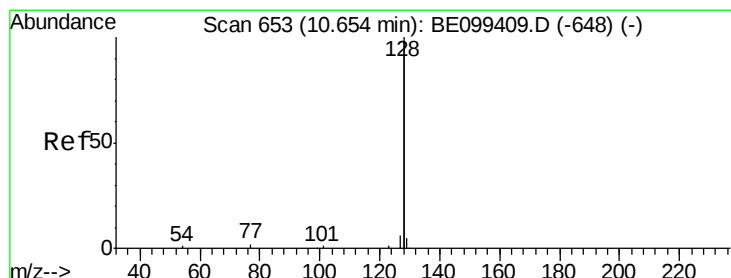
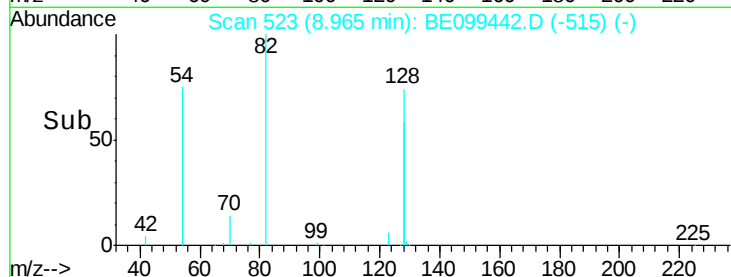
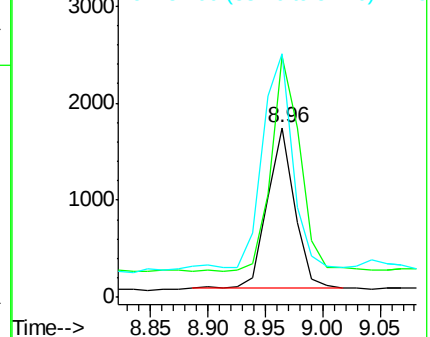
54 143.3 113.1 169.7



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: 0.043 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

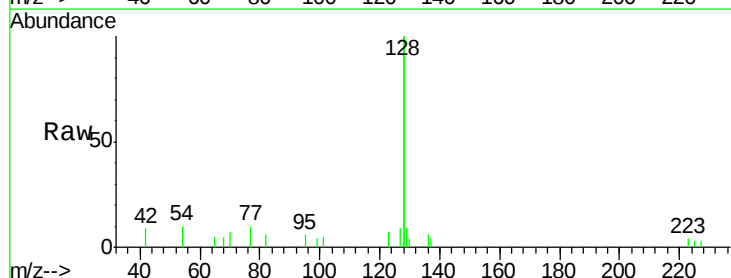
Tgt Ion:128 Resp: 4569

Ion Ratio Lower Upper

128 100

129 4.3 2.4 3.6#

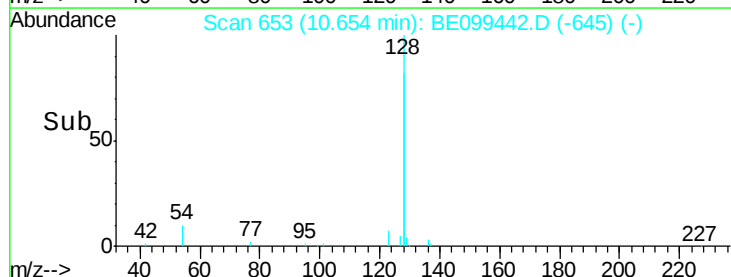
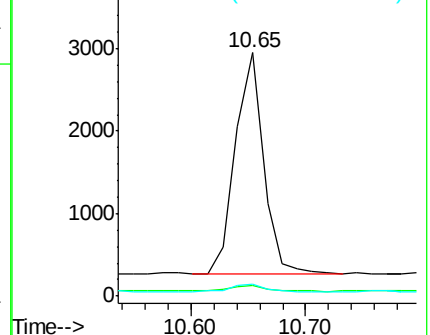
127 4.7 2.8 4.2#

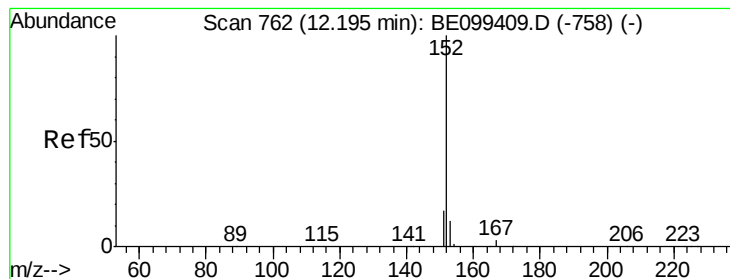


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.282 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

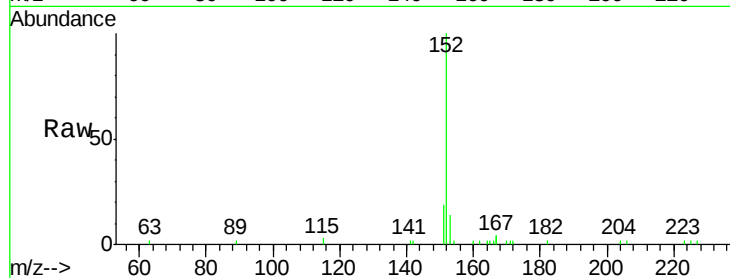
EXT-074-SW056-042219

Tot Ion:152 Resp: 5003

Ion Ratio Lower Upper

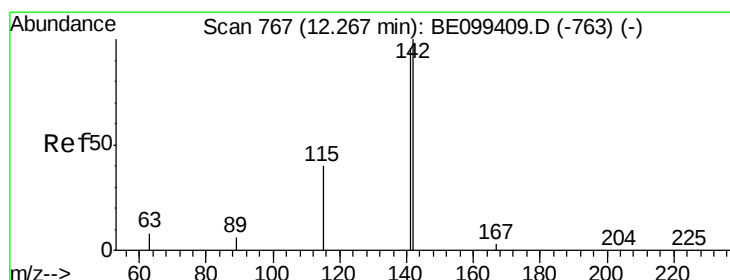
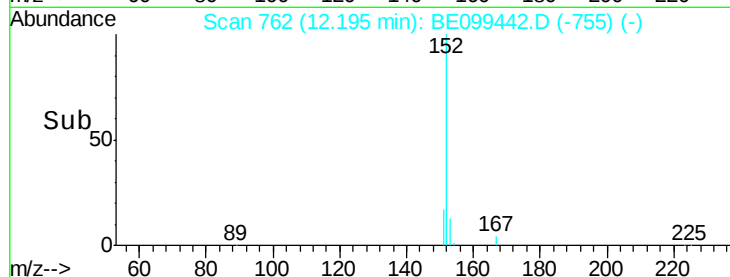
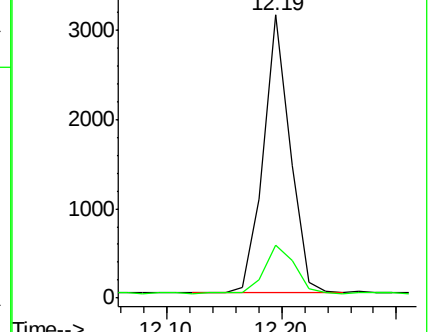
152 100

151 19.9 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.048 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

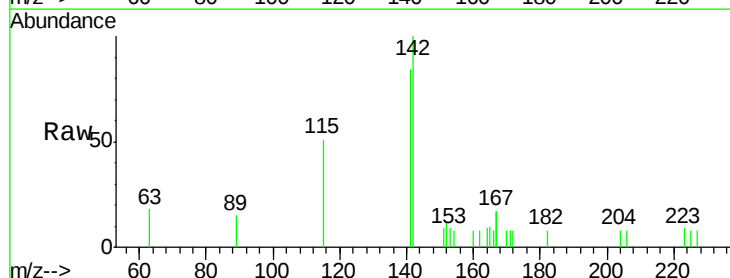
Tgt Ion:142 Resp: 890

Ion Ratio Lower Upper

142 100

141 84.1 77.0 115.4

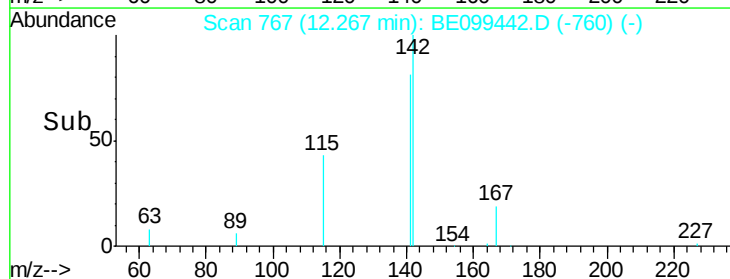
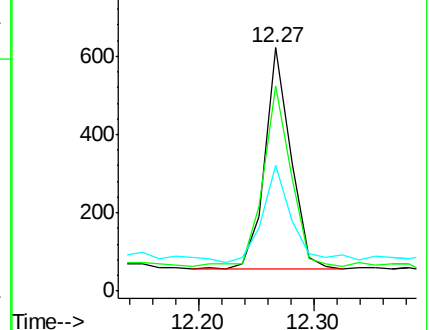
115 51.4 33.4 50.0#

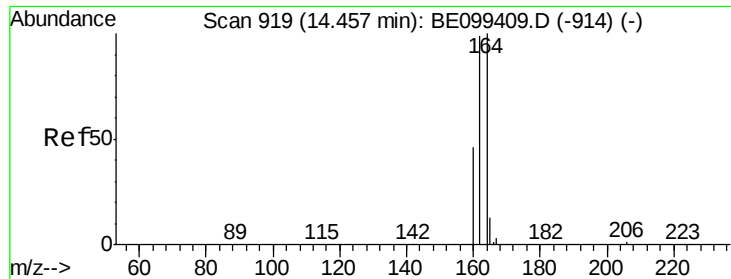


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

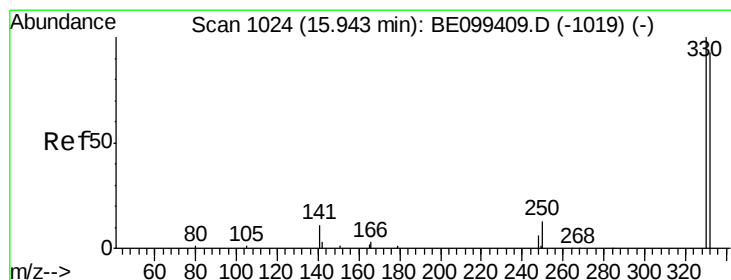
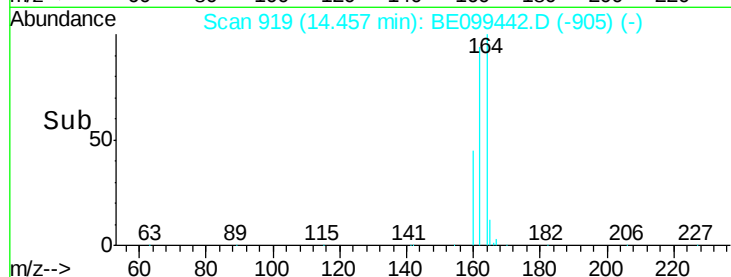
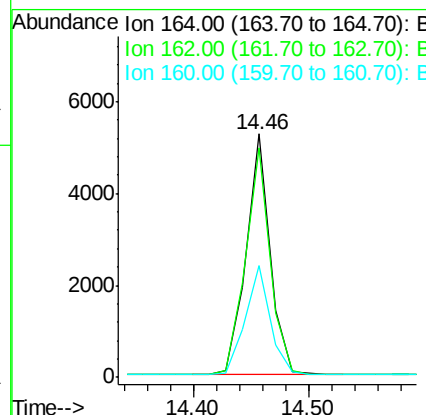
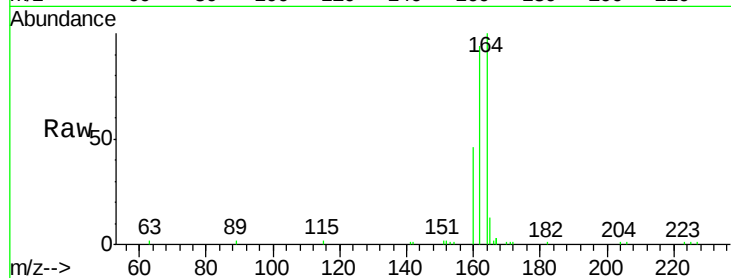




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

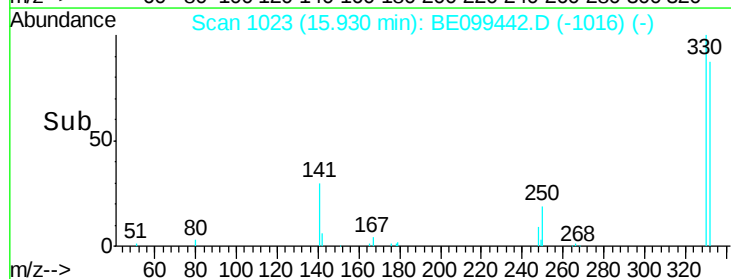
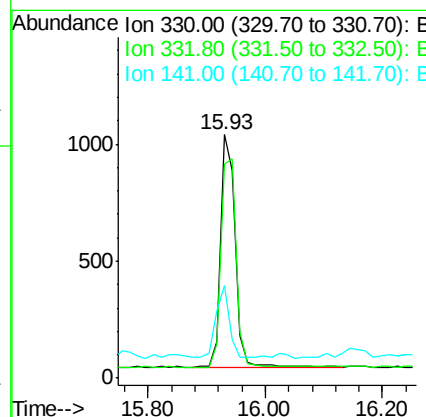
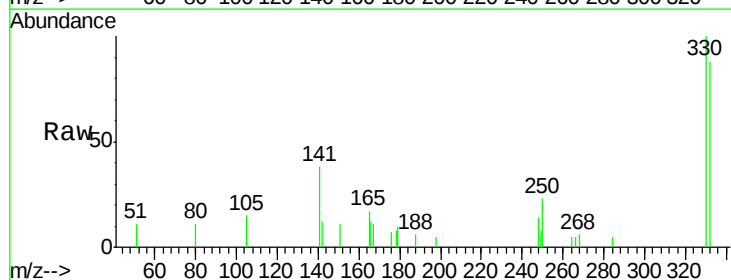
Instrument :
BNA_E
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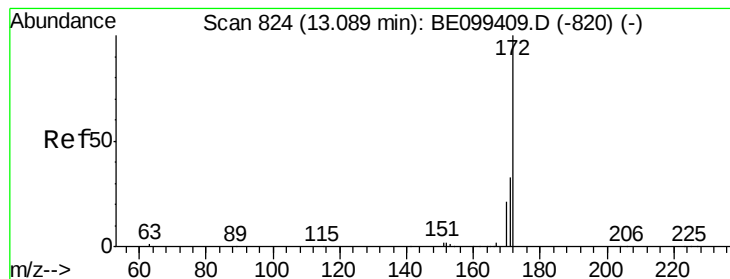
Tot Ion:164 Resp: 7522
Ion Ratio Lower Upper
164 100
162 94.3 79.0 118.4
160 45.8 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

Tgt Ion:330 Resp: 1732
Ion Ratio Lower Upper
330 100
332 95.6 71.5 107.3
141 28.6 24.0 36.0





#15

2-Fluorobiphenyl

Concen: 0.257 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

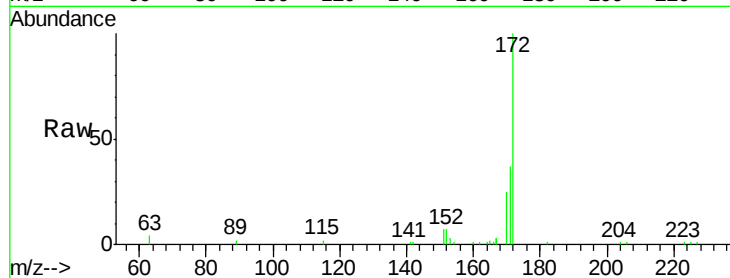
Tot Ion:172 Resp: 7380

Ion Ratio Lower Upper

172 100

171 36.7 26.6 39.8

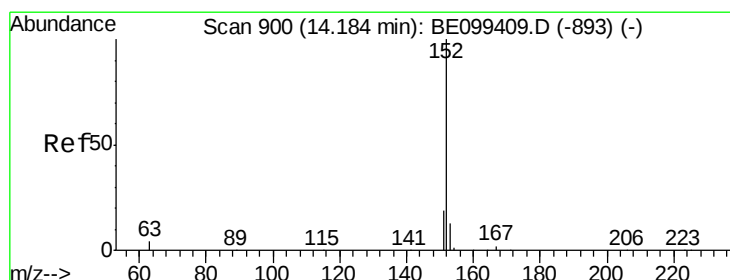
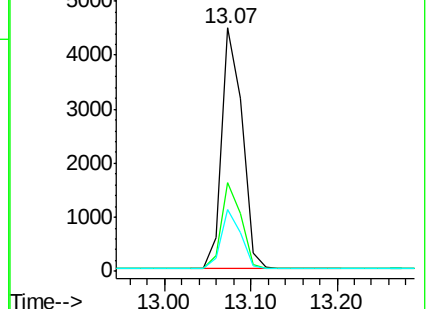
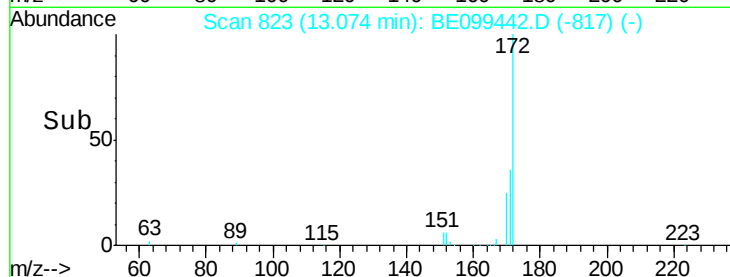
170 25.4 17.0 25.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.110 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

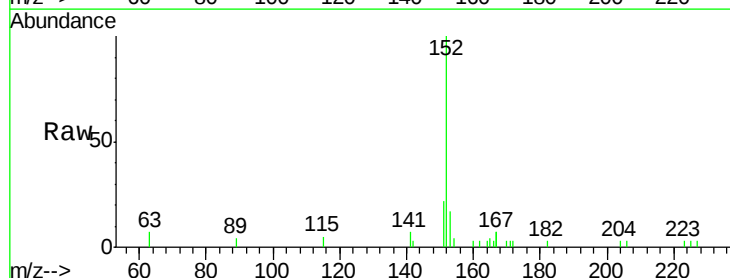
Tgt Ion:152 Resp: 4051

Ion Ratio Lower Upper

152 100

151 20.9 15.4 23.2

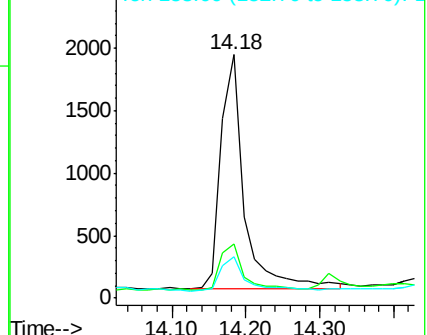
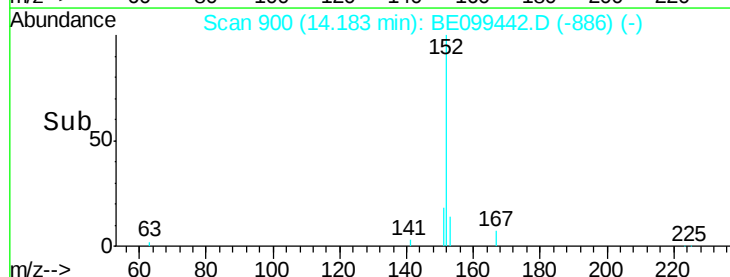
153 15.7 9.8 14.6#

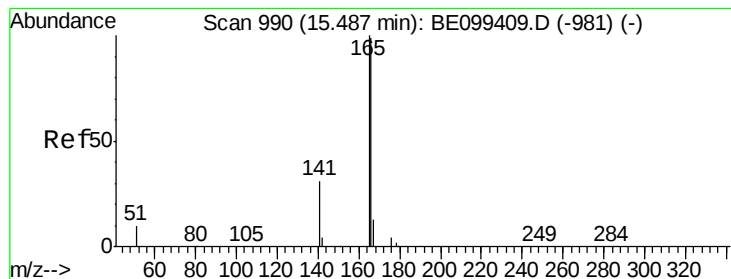


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#18

Fluorene

Concen: 0.044 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

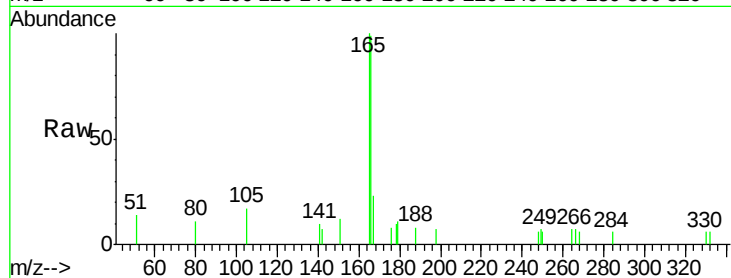
Tot Ion:166 Resp: 1349

Ion Ratio Lower Upper

166 100

165 95.6 80.3 120.5

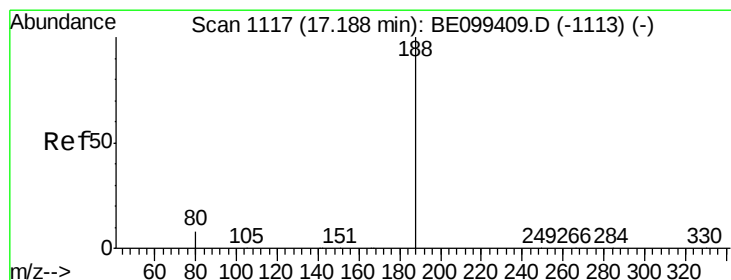
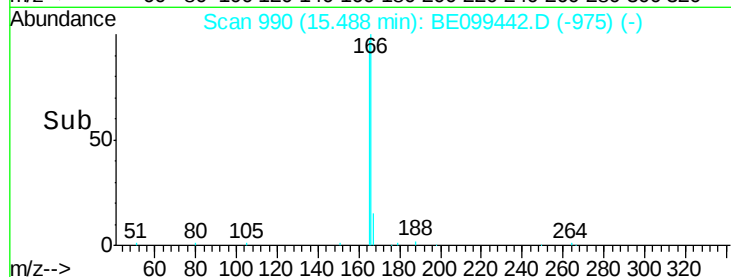
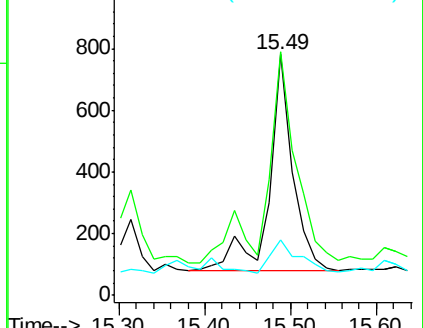
167 17.0 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

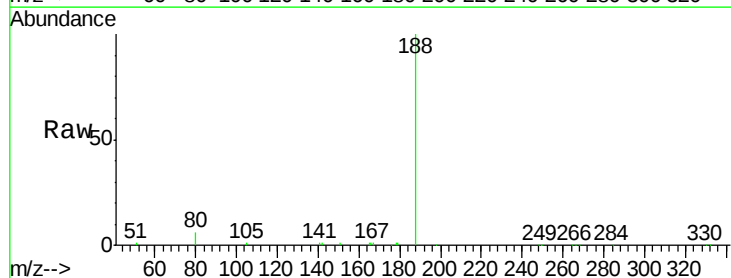
Tgt Ion:188 Resp: 24868

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

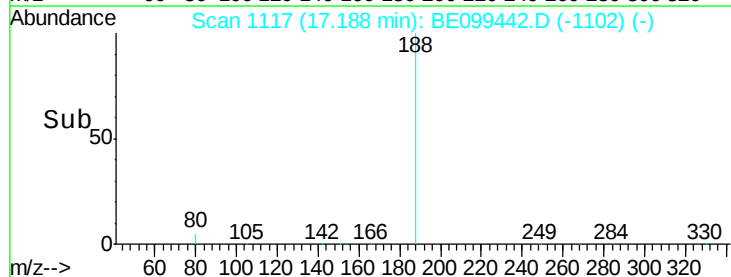
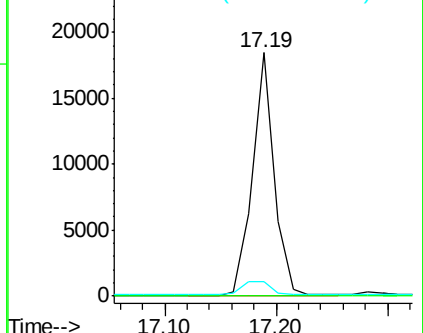
80 6.1 6.7 10.1#

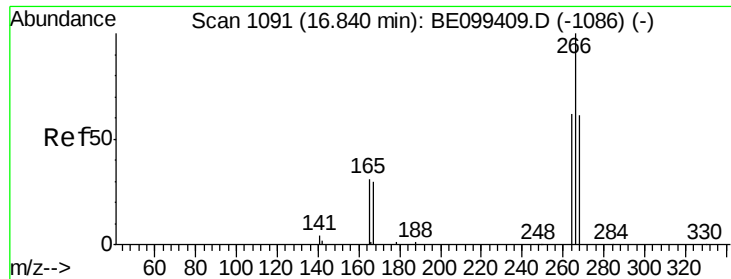


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.225 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

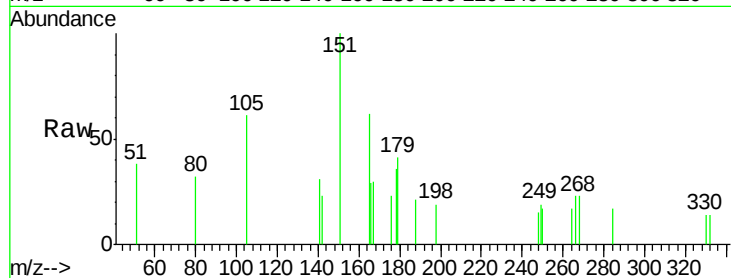
Tot Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 75.3 50.8 76.2

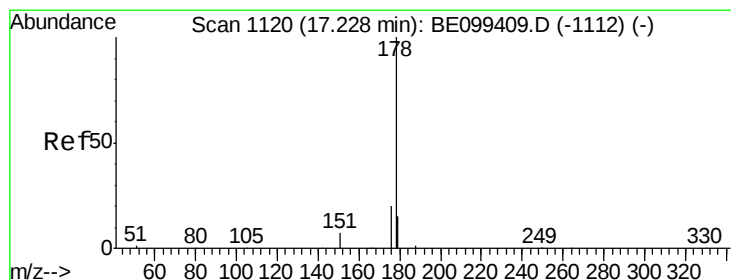
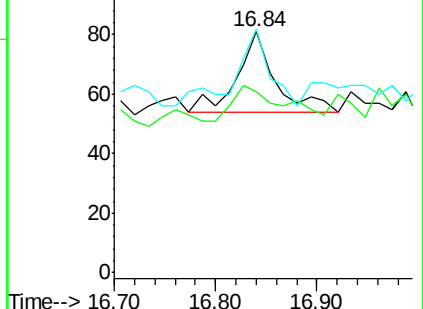
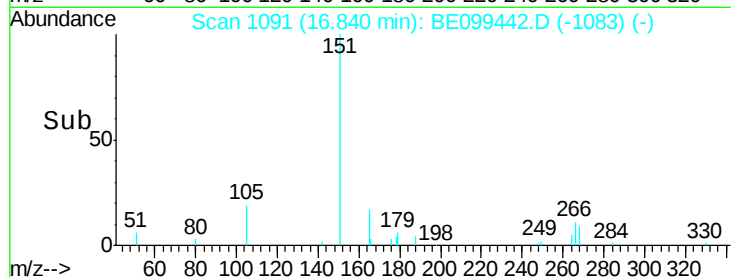
268 101.2 50.5 75.7#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.452 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

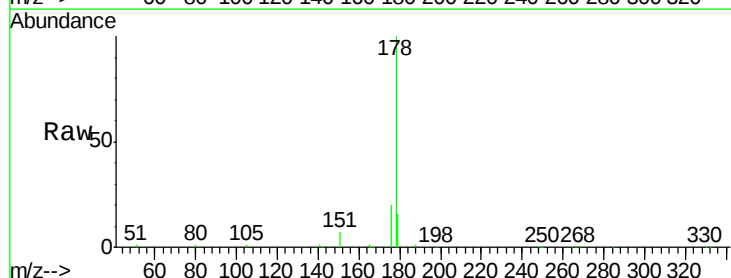
Tgt Ion:178 Resp: 28987

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

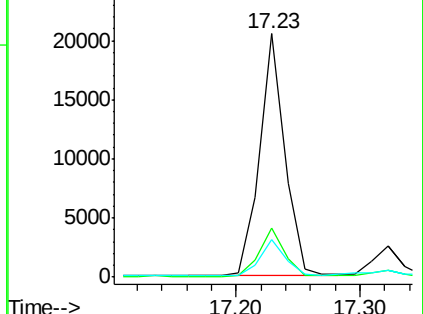
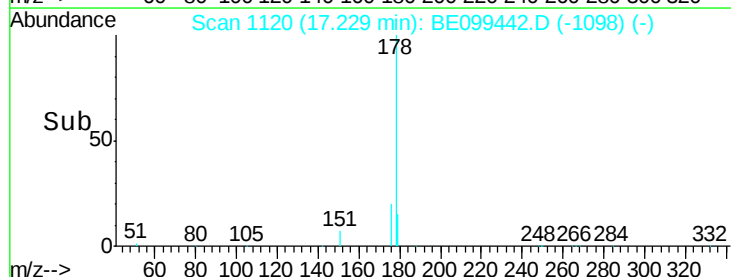
179 15.4 12.0 18.0

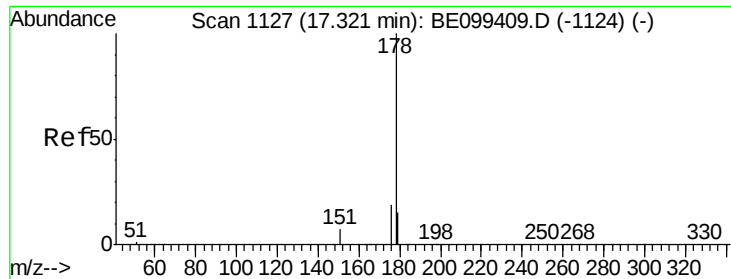


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.058 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

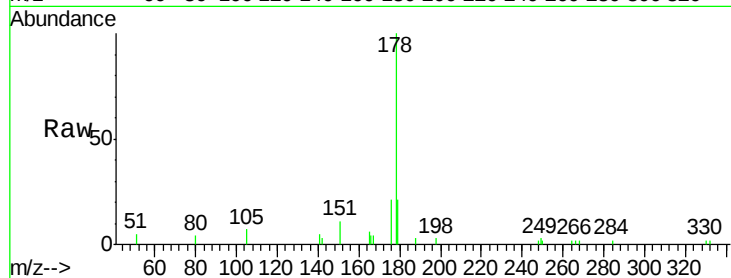
Tot Ion:178 Resp: 3521

Ion Ratio Lower Upper

178 100

176 19.8 14.9 22.3

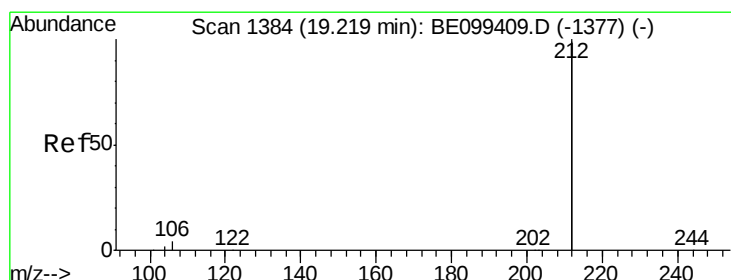
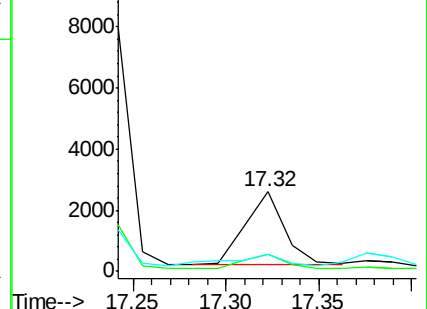
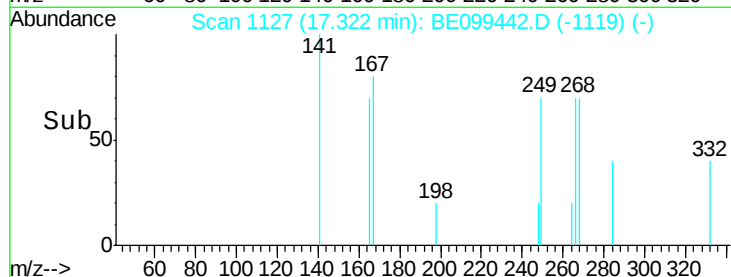
179 21.6 11.9 17.9#



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: 0.242 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

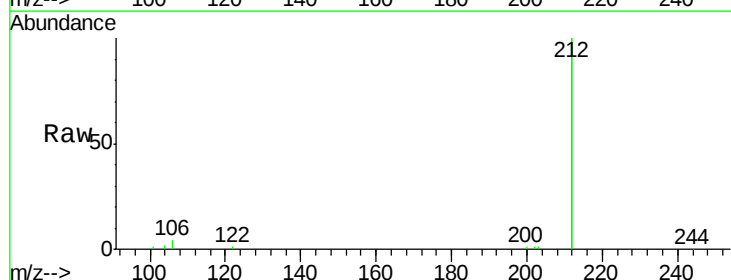
Tgt Ion:212 Resp: 81233

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

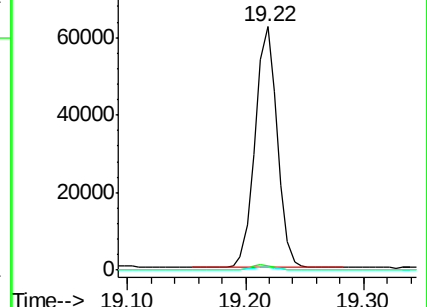
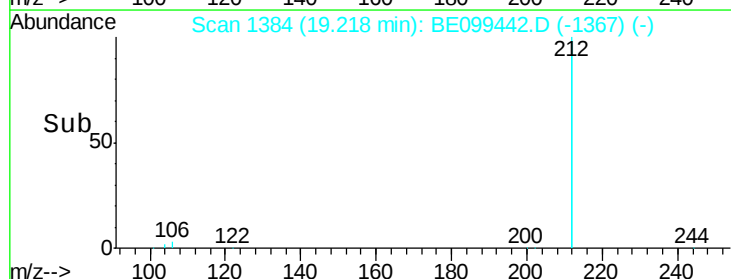
104 1.2 0.9 1.3

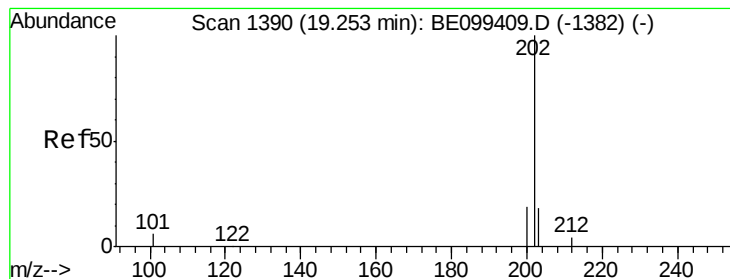


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.817 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

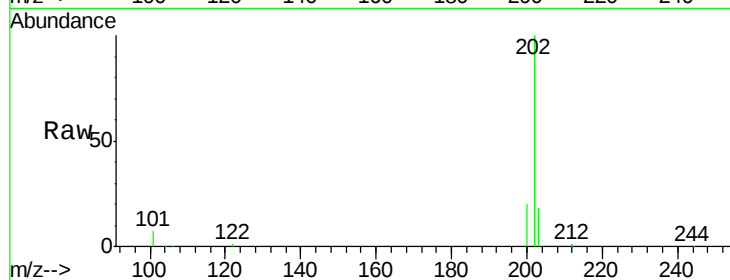
Tot Ion:202 Resp: 78497

Ion Ratio Lower Upper

202 100

101 7.1 5.4 8.0

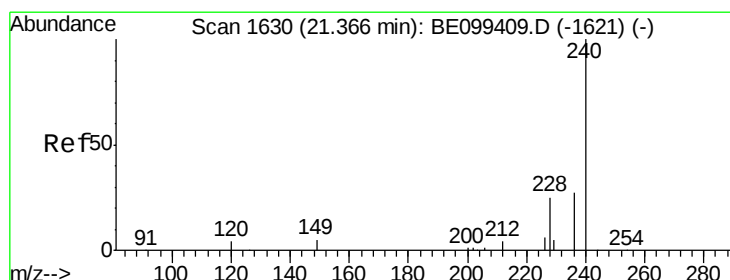
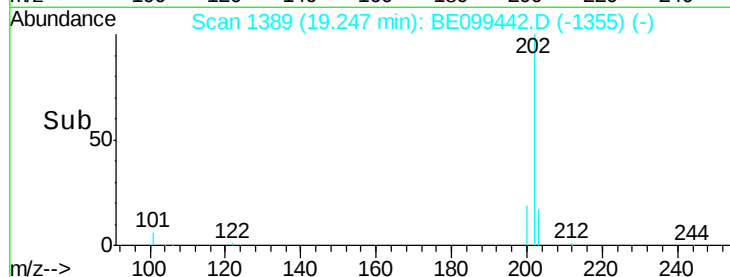
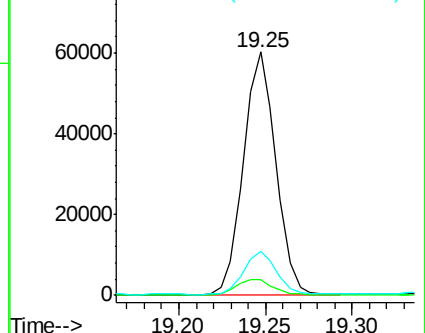
203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

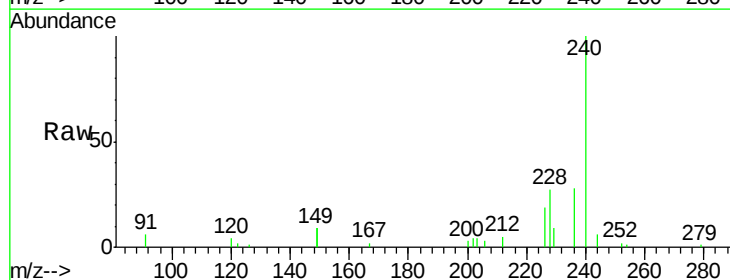
Tgt Ion:240 Resp: 32313

Ion Ratio Lower Upper

240 100

120 4.0 4.0 6.0

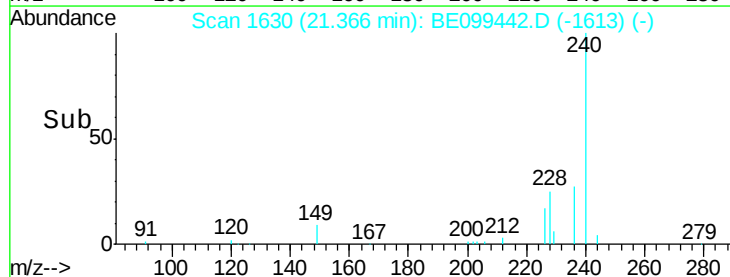
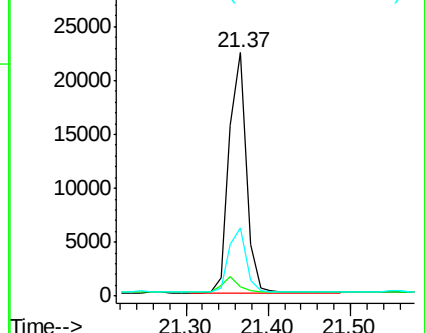
236 27.8 22.0 33.0

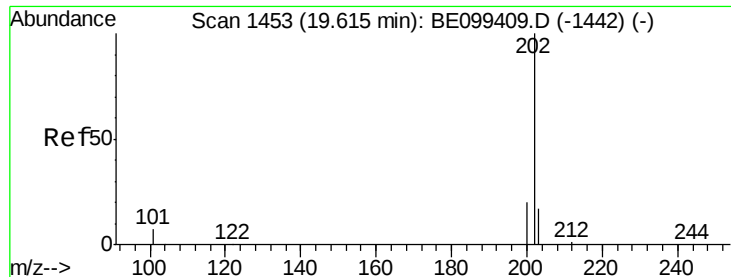


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

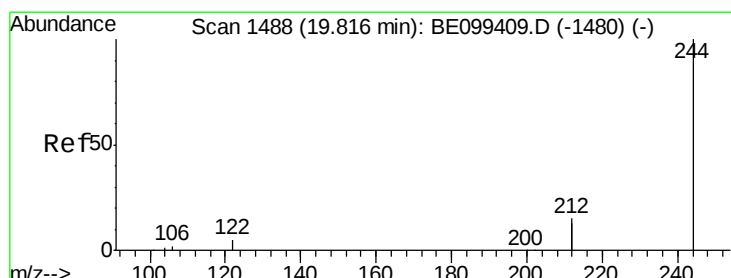
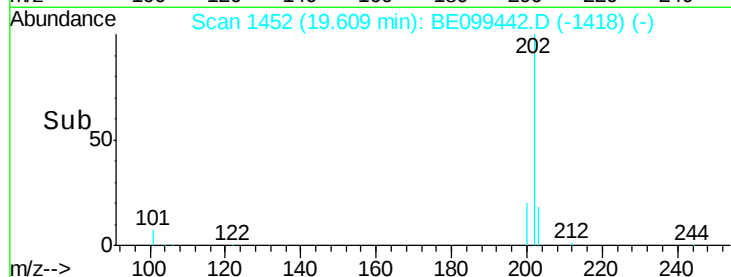
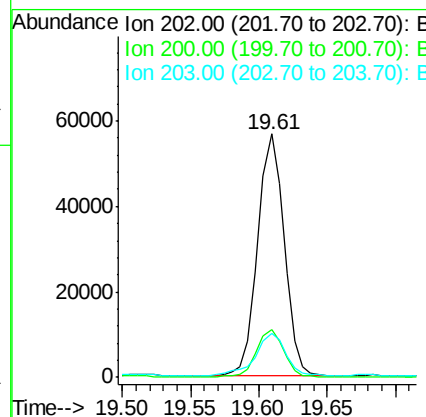
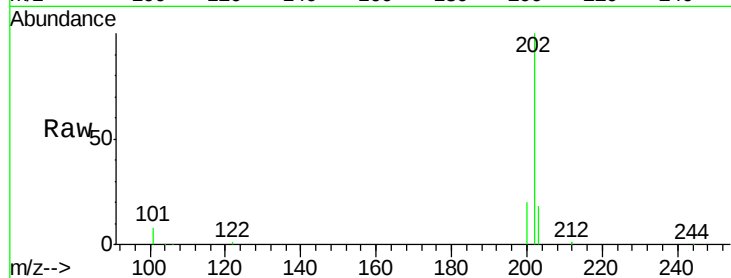




#28
Pvrene
Concen: 0.905 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

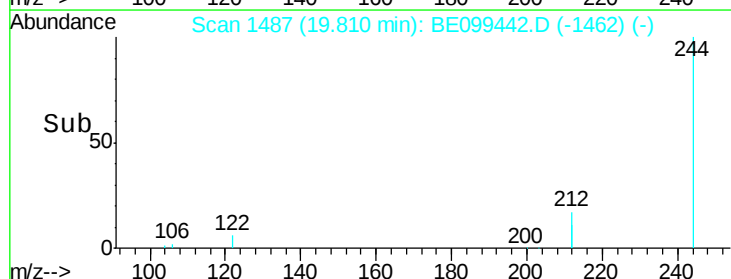
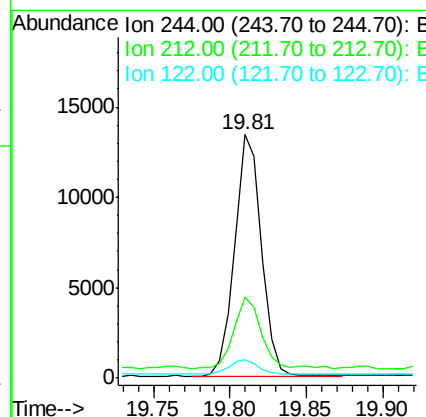
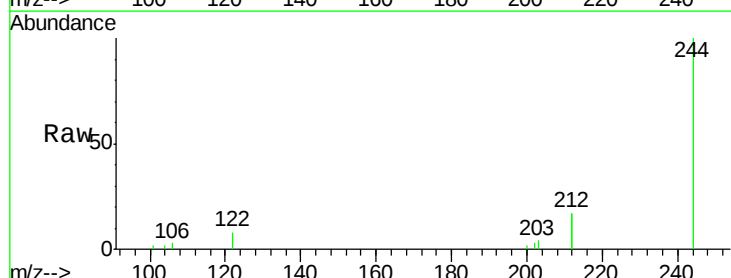
Instrument :
BNA_E
ClientSampleId :
EXT-074-SW056-042219

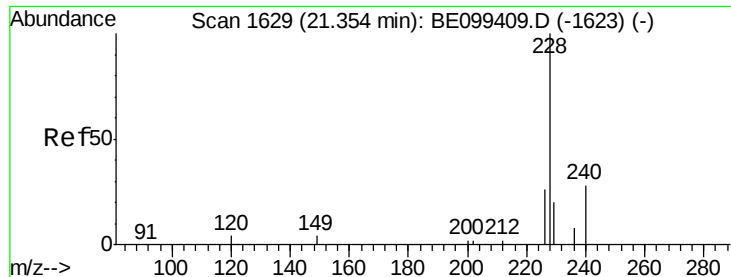
Tot Ion:202 Resp: 76230
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 20.2 13.9 20.9



#29
Terphenyl-d14
Concen: 0.277 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

Tgt Ion:244 Resp: 16408
Ion Ratio Lower Upper
244 100
212 33.1 23.2 34.8
122 7.7 4.2 6.4#

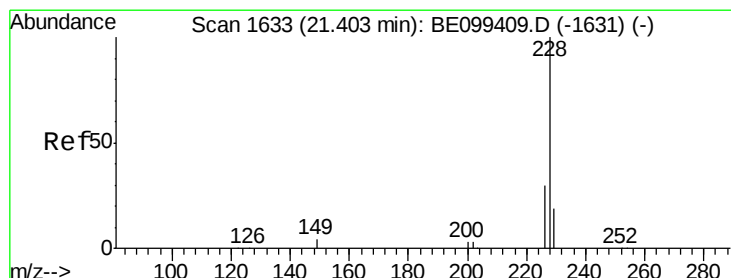
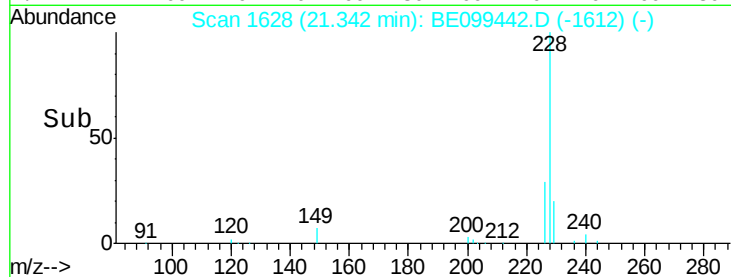
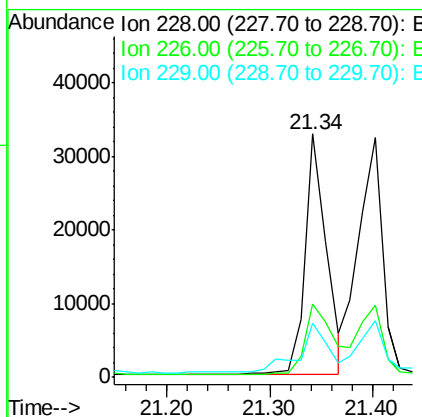
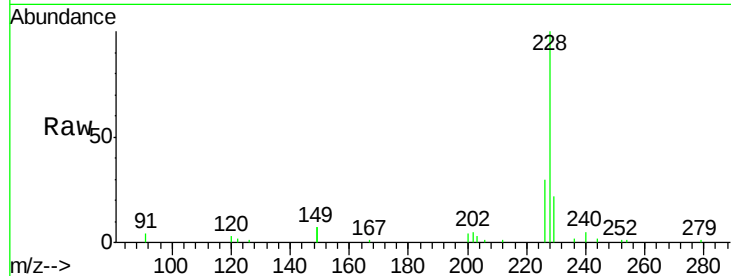




#30
Benzo(a)anthracene
Concen: 0.462 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

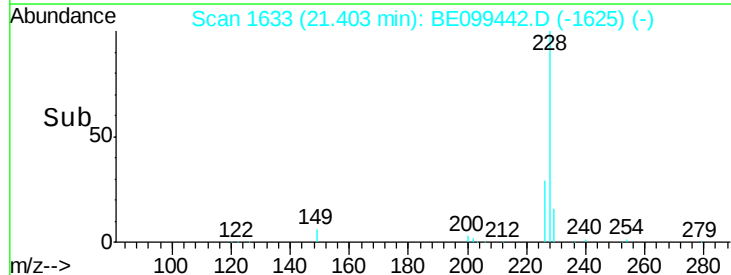
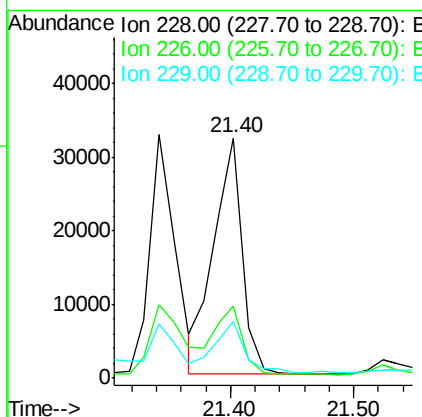
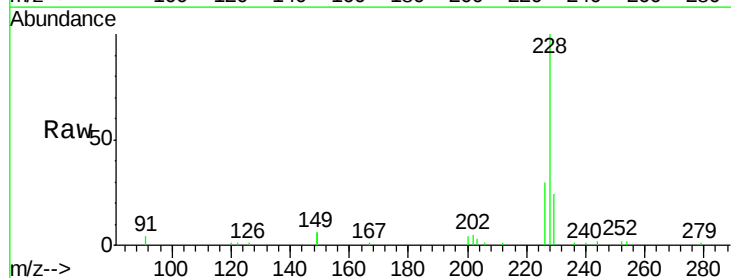
Instrument :
BNA_E
ClientSampleId :
EXT-074-SW056-042219

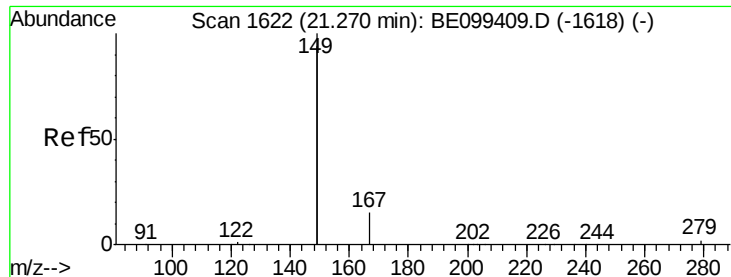
Tot Ion:228 Resp: 47525
Ion Ratio Lower Upper
228 100
226 30.2 21.0 31.6
229 22.2 16.6 25.0



#31
Chrysene
Concen: 0.515 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

Tgt Ion:228 Resp: 51927
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 23.5 15.8 23.8





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.367 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

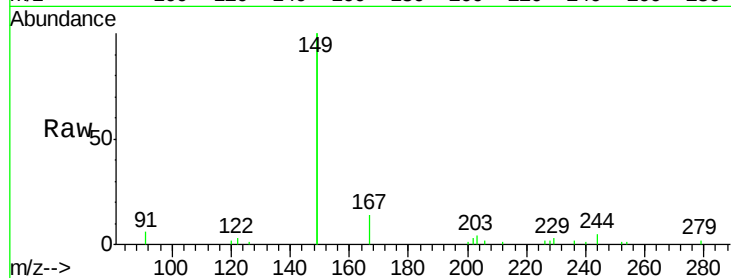
Tot Ion:149 Resp: 63711

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

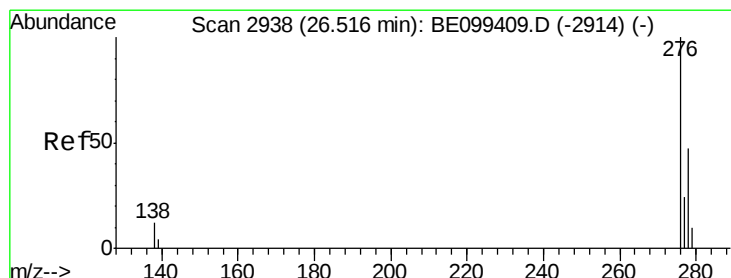
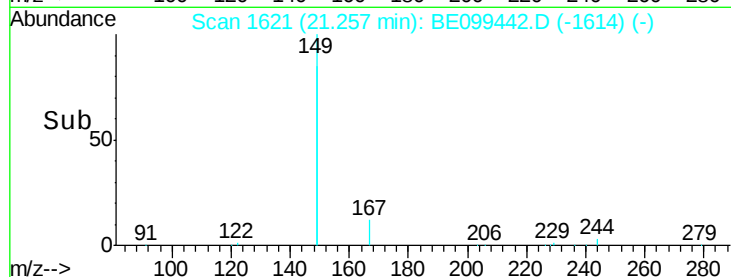
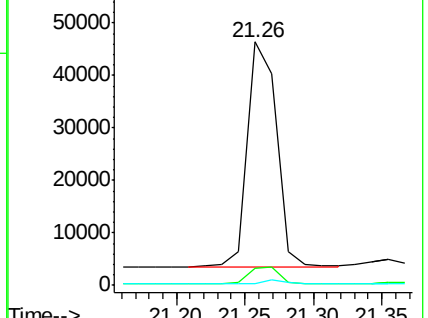
279 1.6 1.0 1.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.293 ng

RT: 26.50 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

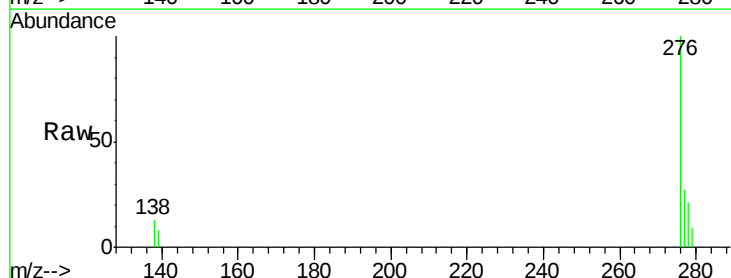
Tgt Ion:276 Resp: 34874

Ion Ratio Lower Upper

276 100

138 12.4 10.2 15.2

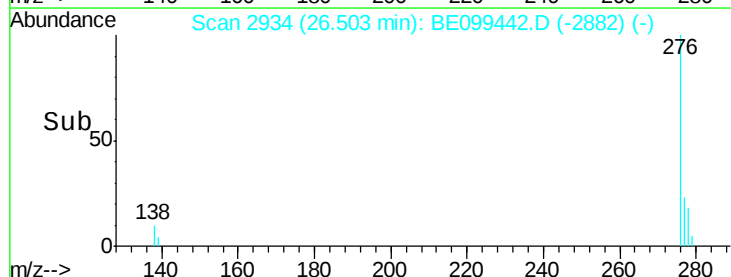
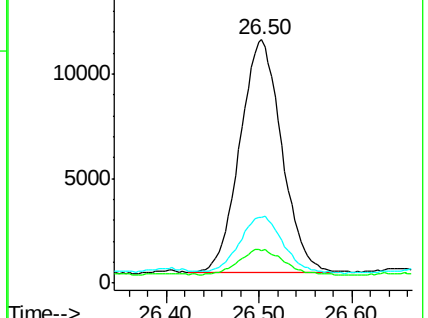
277 24.9 19.2 28.8

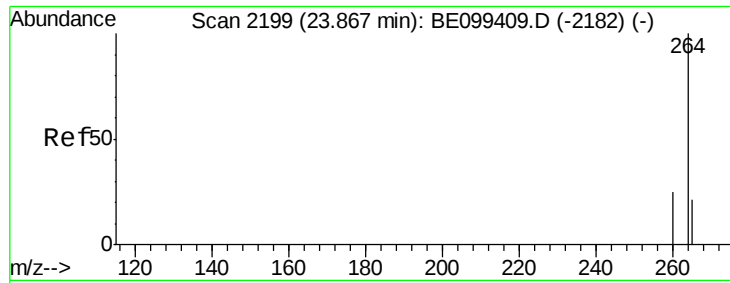


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

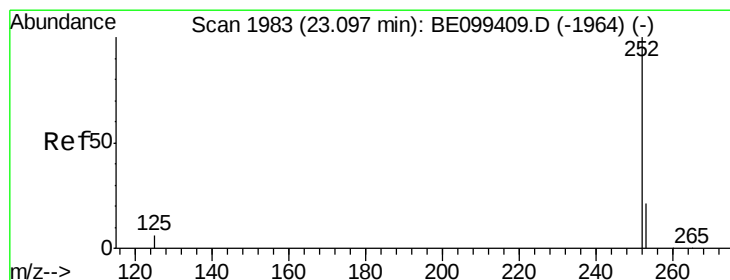
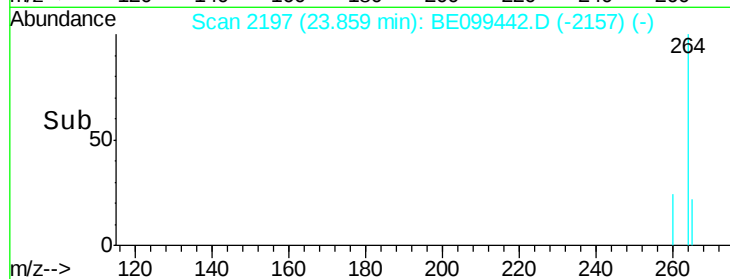
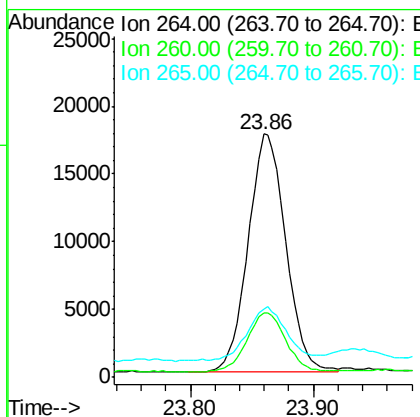
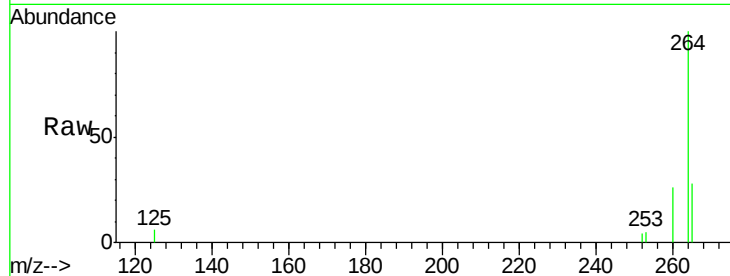




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

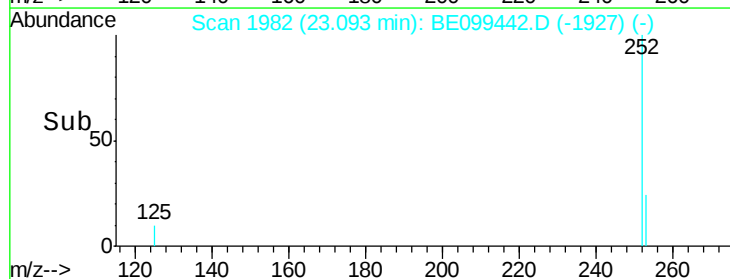
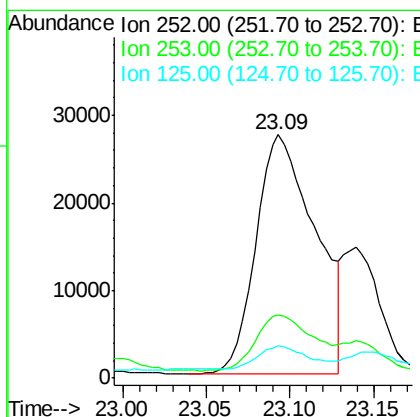
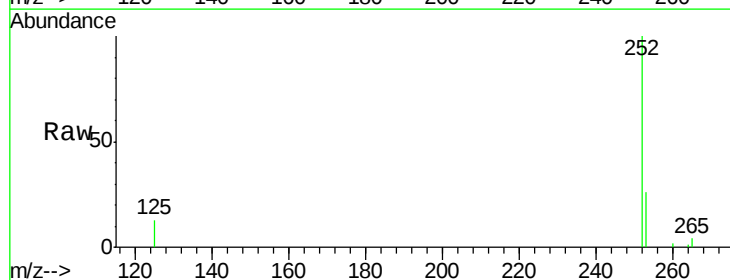
Instrument :
BNA_E
ClientSampleId :
EXT-074-SW056-042219

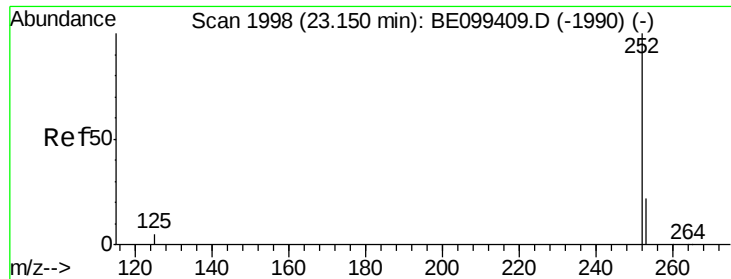
Tot Ion:264 Resp: 37275
Ion Ratio Lower Upper
264 100
260 26.3 20.2 30.2
265 28.2 21.3 31.9



#35
Benzo(b)fluoranthene
Concen: 0.627 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

Tgt Ion:252 Resp: 67364
Ion Ratio Lower Upper
252 100
253 26.1 18.1 27.1
125 13.1 5.6 8.4#

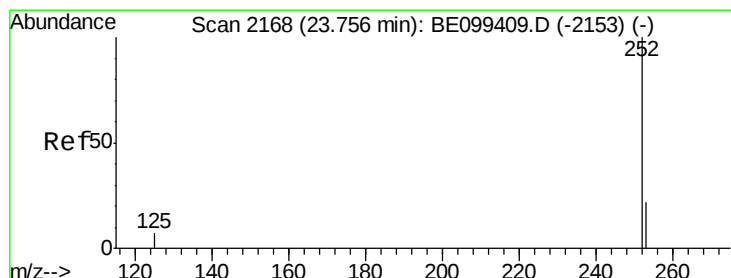
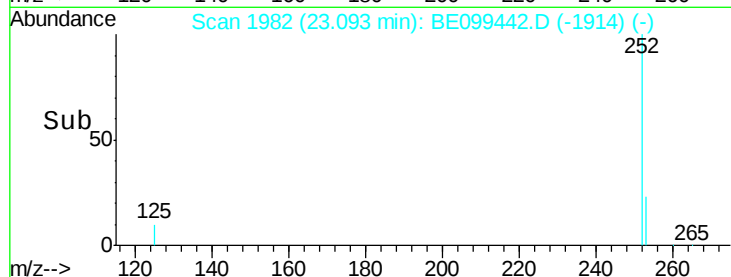
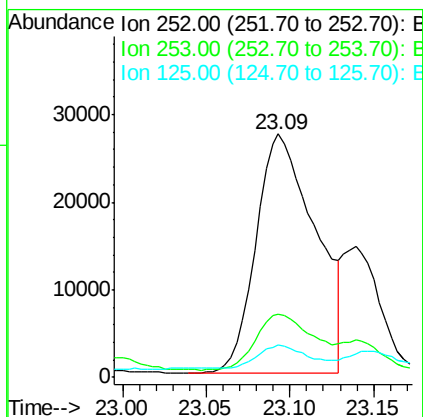
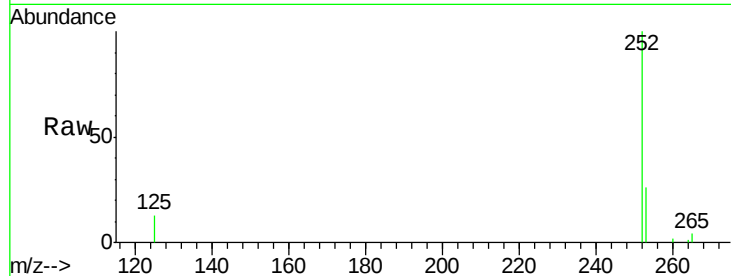




#36
Benzo(k)fluoranthene
Concen: 0.650 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

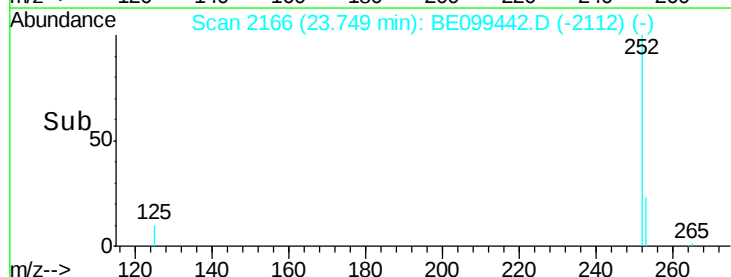
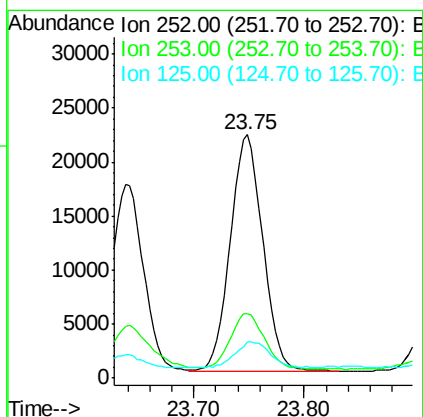
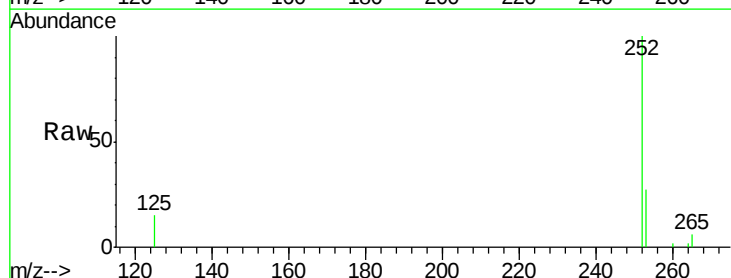
Instrument :
BNA_E
ClientSampleId :
EXT-074-SW056-042219

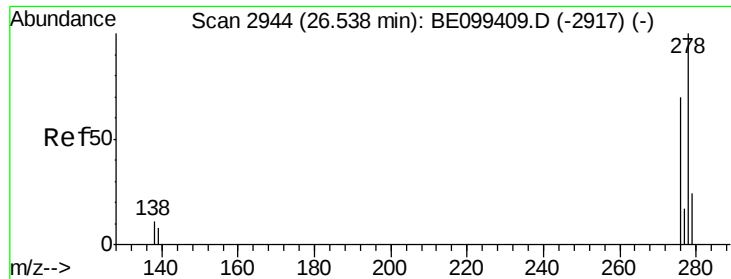
Tot Ion:252 Resp: 67364
Ion Ratio Lower Upper
252 100
253 26.1 18.4 27.6
125 13.1 5.0 7.4#



#37
Benzo(a)pyrene
Concen: 0.444 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099442.D
Acq: 1 May 2019 1:15

Tgt Ion:252 Resp: 45122
Ion Ratio Lower Upper
252 100
253 26.7 18.9 28.3
125 14.6 6.7 10.1#





#38

Dibenzo(a,h)anthracene

Concen: 0.086 ng

RT: 26.52 min Scan# 2938

Delta R.T. -0.02 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW056-042219

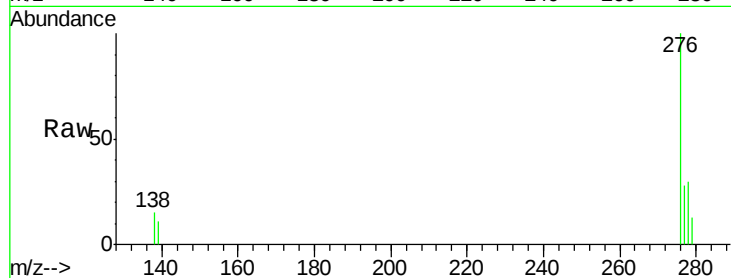
Tot Ion:278 Resp: 8914

Ion Ratio Lower Upper

278 100

139 36.6 7.7 11.5#

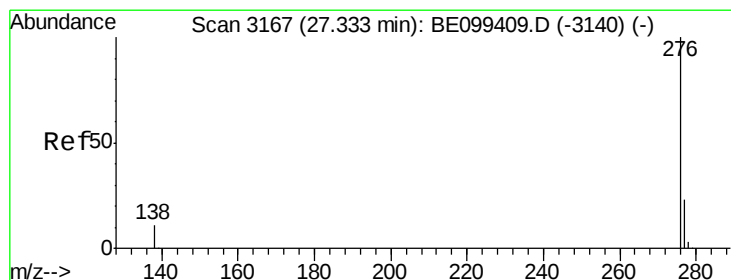
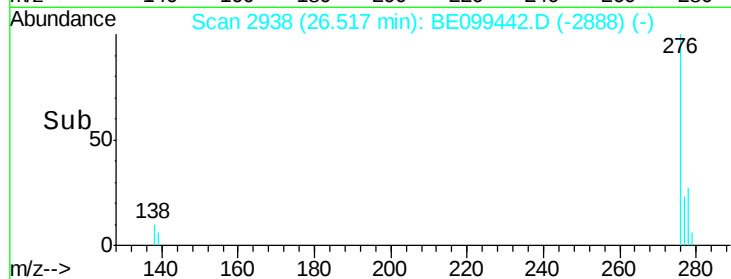
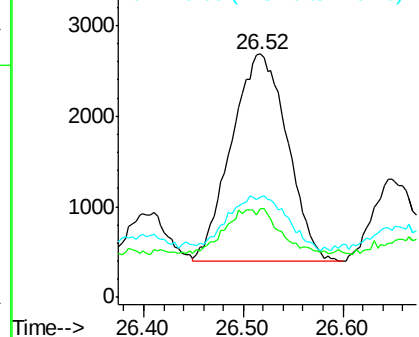
279 41.3 20.2 30.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.334 ng

RT: 27.32 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE099442.D

Acq: 1 May 2019 1:15

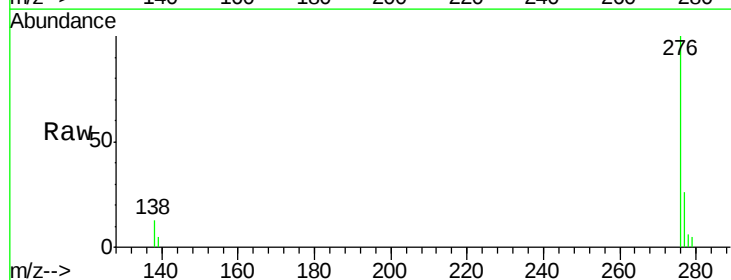
Tgt Ion:276 Resp: 34760

Ion Ratio Lower Upper

276 100

277 26.4 19.5 29.3

138 13.5 9.6 14.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

