

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100018.D
 Acq On : 14 Jun 2019 11:38
 Operator : JU/SJ
 Sample : K3284-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609

Quant Time: Jun 15 00:48:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	900	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3276	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2671	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	8064	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	10138	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11282	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	484	0.20	ng	0.00
5) Phenol-d6	6.96	99	280	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	1297	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2038	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	846	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4507	0.45	ng	-0.03
25) Fluoranthene-d10	19.24	212	45240	0.39	ng	-0.01
29) Terphenyl-d14	19.83	244	10886	0.60	ng	-0.02

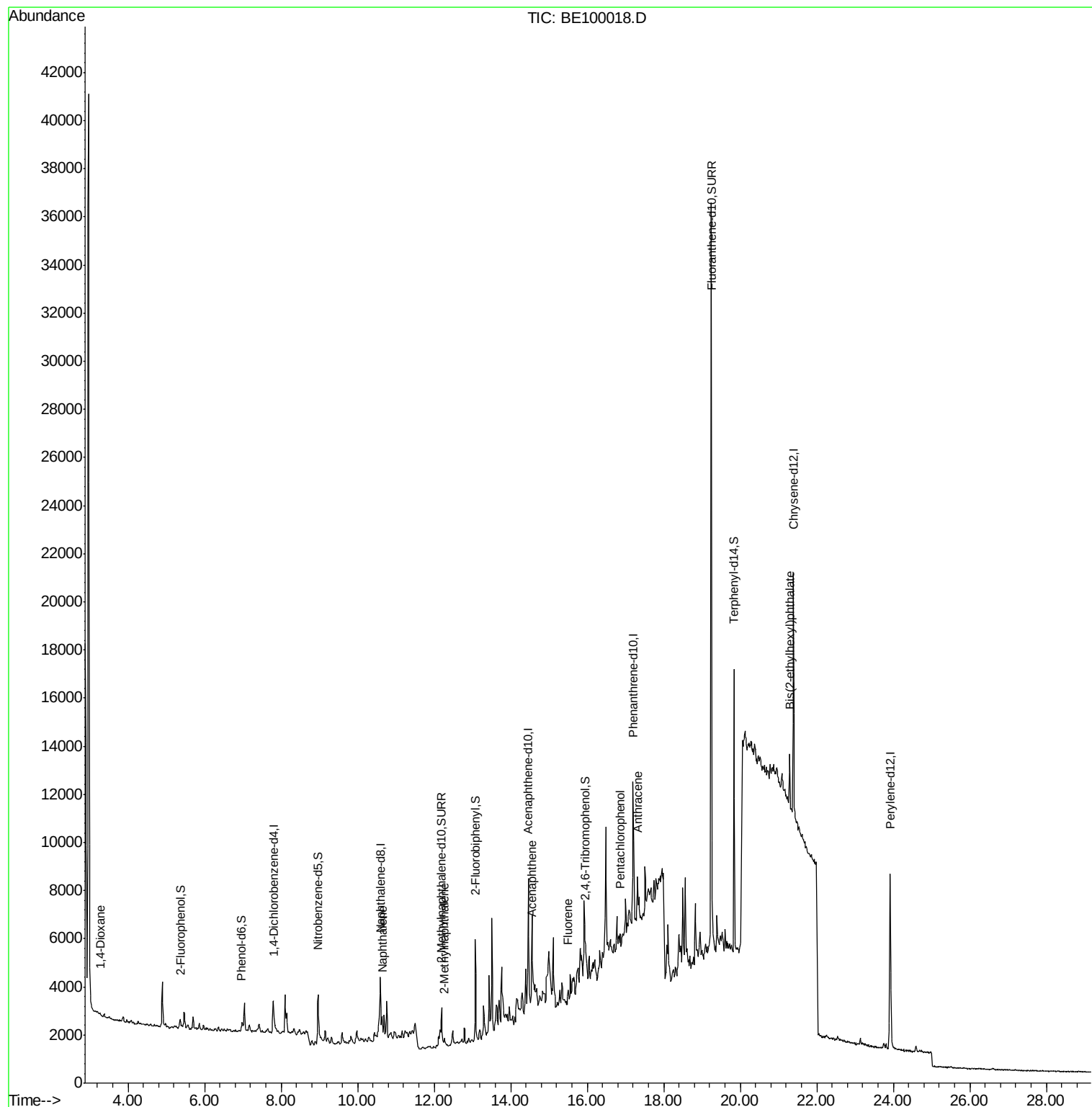
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	104	0.078	ng	# 73
9) Naphthalene	10.64	128	1334	0.038	ng	# 78
12) 2-Methylnaphthalene	12.27	142	148	0.026	ng	# 38
17) Acenaphthene	14.54	154	155	0.021	ng	# 18
18) Fluorene	15.50	166	529	0.049	ng	# 85
22) Pentachlorophenol	16.85	266	45	0.320	ng	95
24) Anthracene	17.32	178	783	0.044	ng	# 23
32) Bis(2-ethylhexyl)phthalate	21.29	149	2744	0.063	ng	# 92

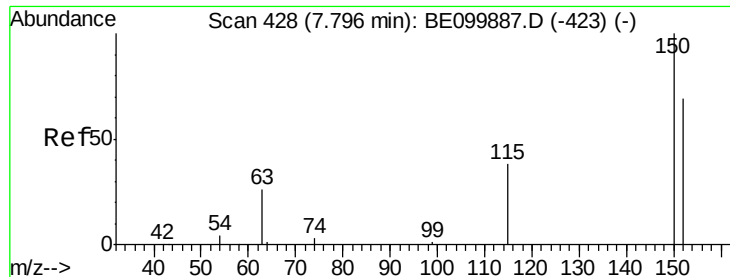
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100018.D
Acq On : 14 Jun 2019 11:38
Operator : JU/SJ
Sample : K3284-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

Quant Time: Jun 15 00:48:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609

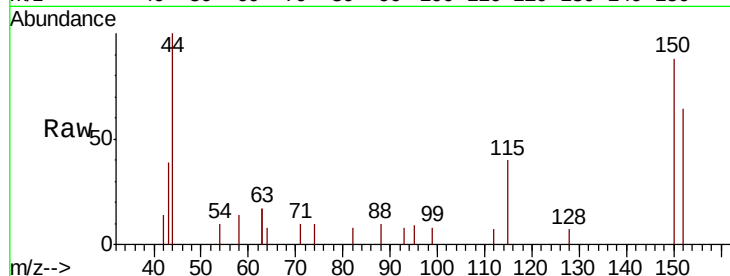
Tgt Ion: 152 Resp: 900

Ion Ratio Lower Upper

152 100

150 137.8 111.0 166.6

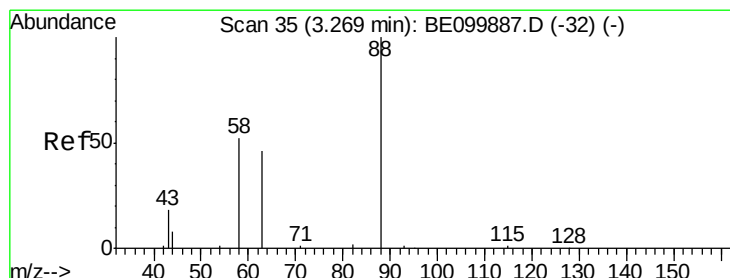
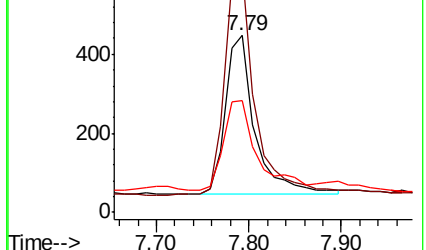
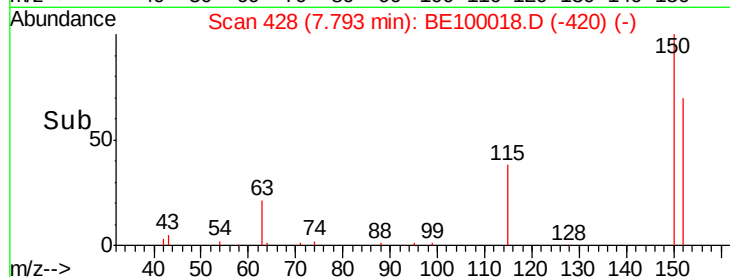
115 63.1 50.7 76.1



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: 0.078 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.01 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

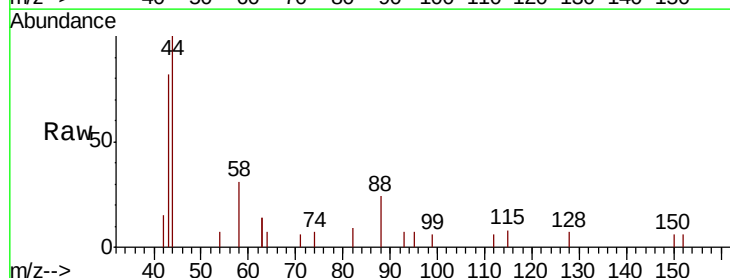
Tgt Ion: 88 Resp: 104

Ion Ratio Lower Upper

88 100

58 47.1 48.8 73.2#

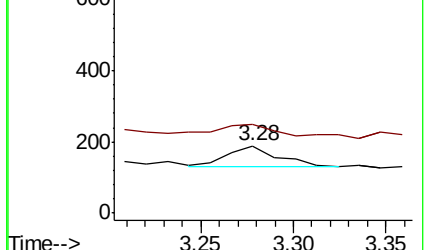
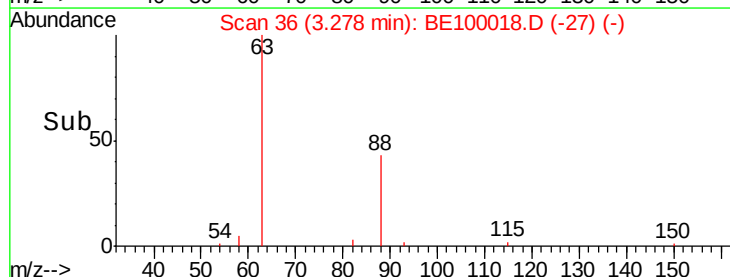
43 0.0 19.0 28.6#

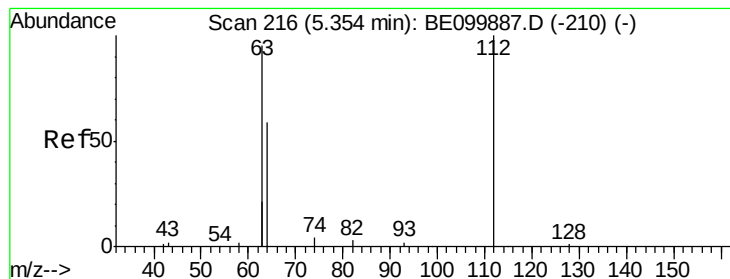


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.199 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609

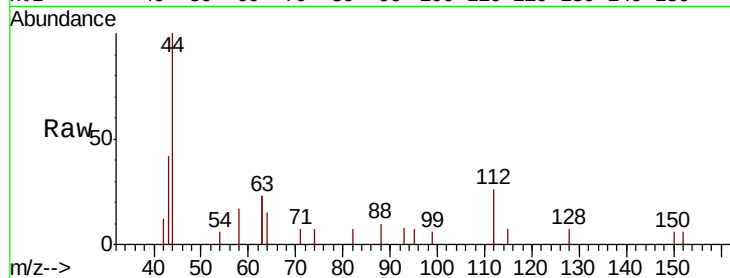
Tgt Ion: 112 Resp: 484

Ion Ratio Lower Upper

112 100

64 39.5 44.1 66.1#

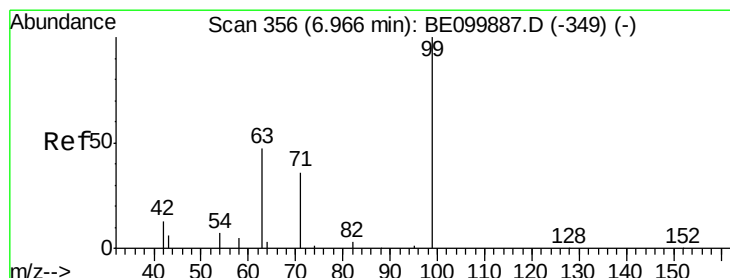
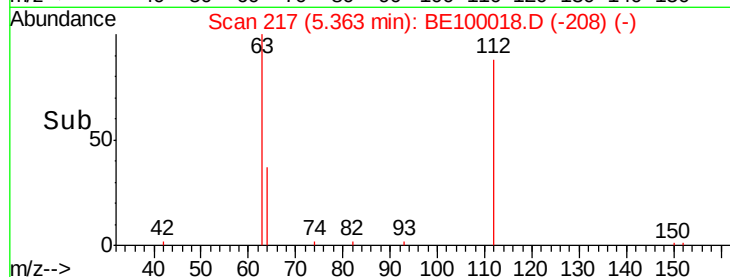
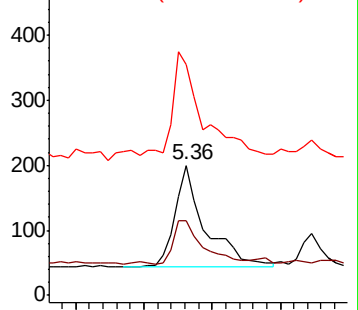
63 96.3 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.089 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

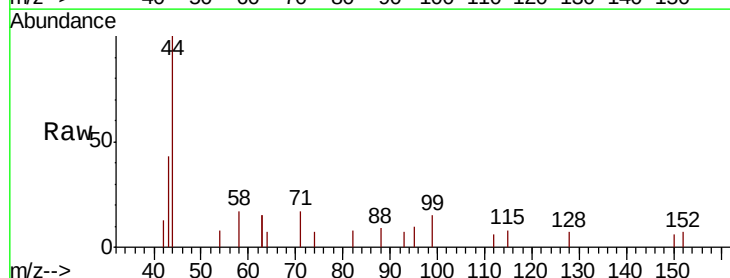
Tgt Ion: 99 Resp: 280

Ion Ratio Lower Upper

99 100

42 22.1 15.9 23.9

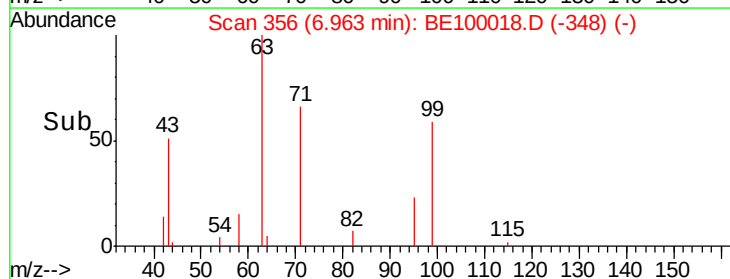
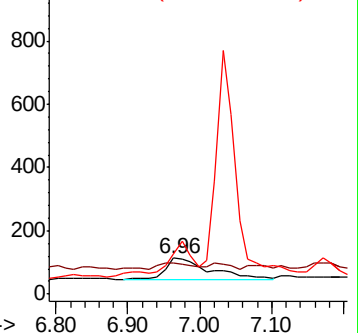
71 76.1 34.6 52.0#

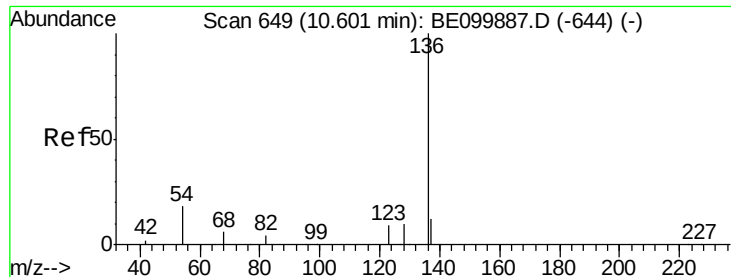


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609

Tgt Ion: 136 Resp: 3276

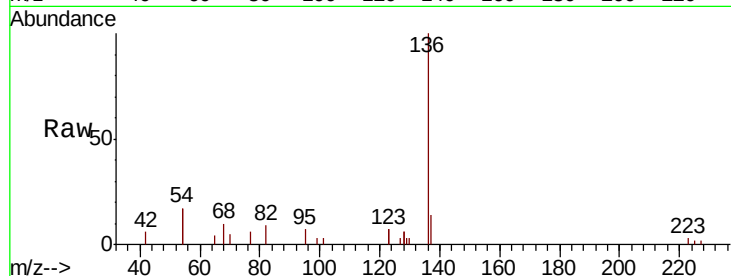
Ion Ratio Lower Upper

136 100

137 13.5 12.3 18.5

54 33.1 28.2 42.4

68 10.0 7.8 11.8

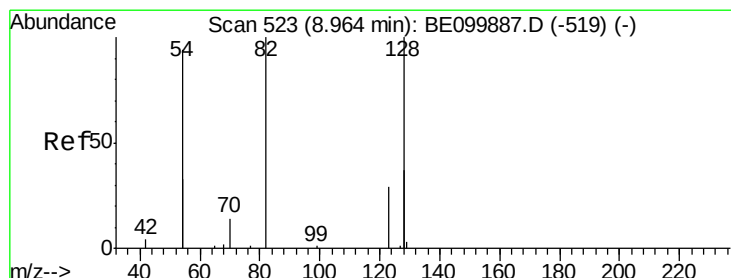
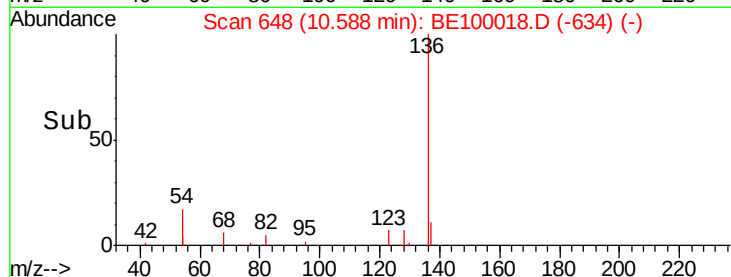
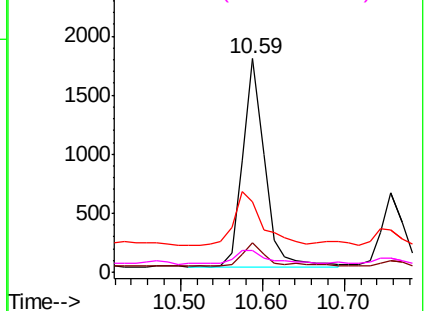


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.418 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

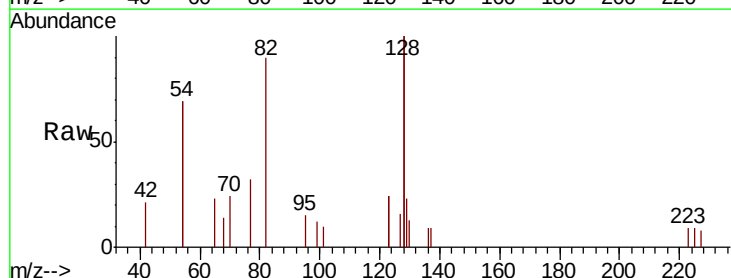
Tgt Ion: 82 Resp: 1297

Ion Ratio Lower Upper

82 100

128 221.9 137.3 205.9#

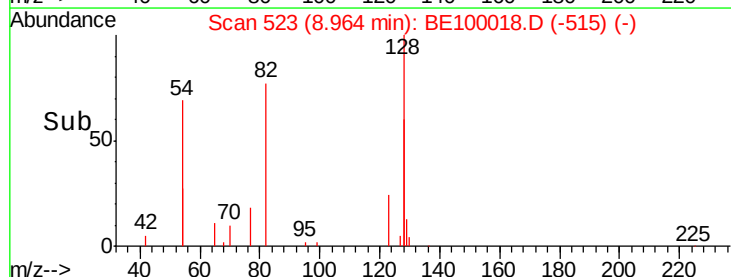
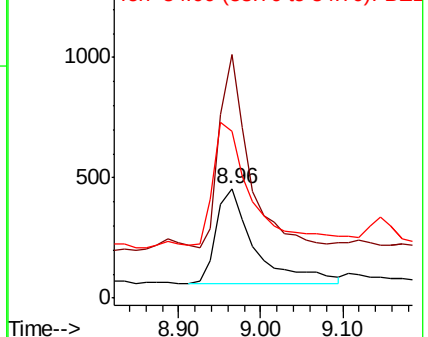
54 152.2 129.7 194.5

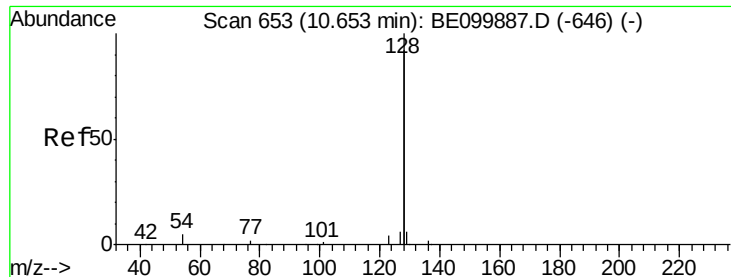


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.038 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609

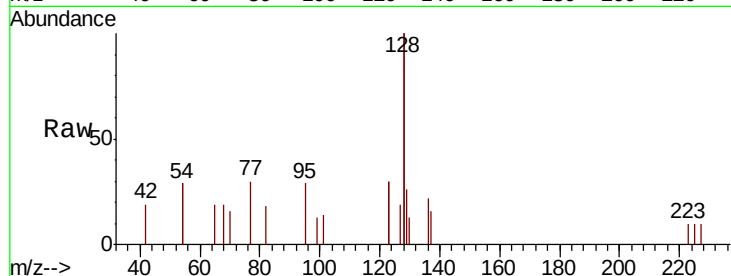
Tgt Ion:128 Resp: 1334

Ion Ratio Lower Upper

128 100

129 13.1 3.0 4.6#

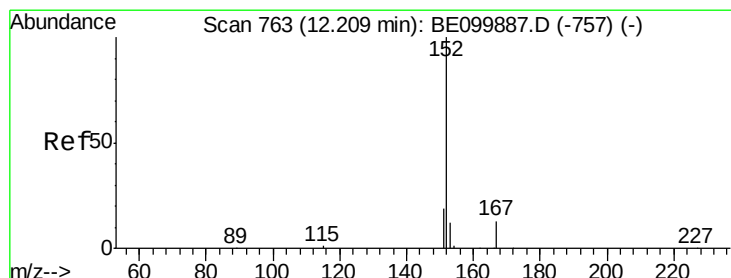
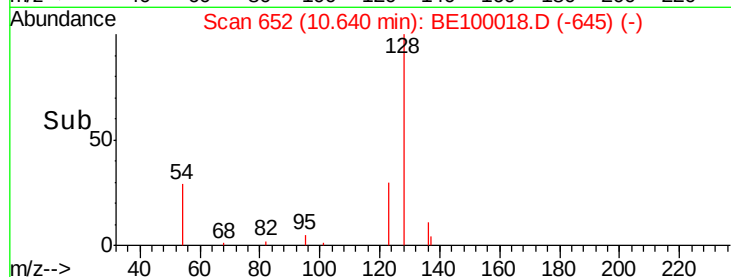
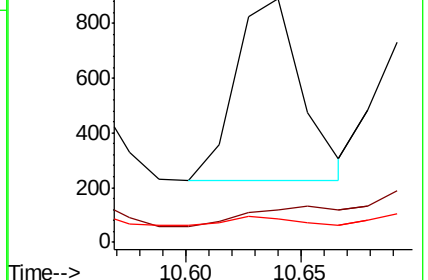
127 9.4 3.4 5.0#



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: 0.357 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100018.D

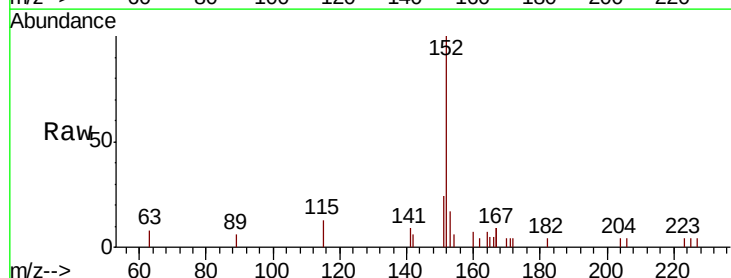
Acq: 14 Jun 2019 11:38

Tgt Ion:152 Resp: 2038

Ion Ratio Lower Upper

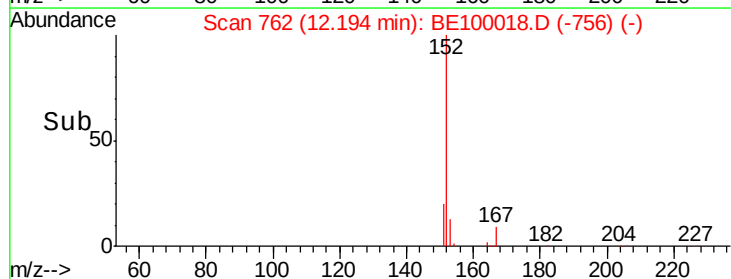
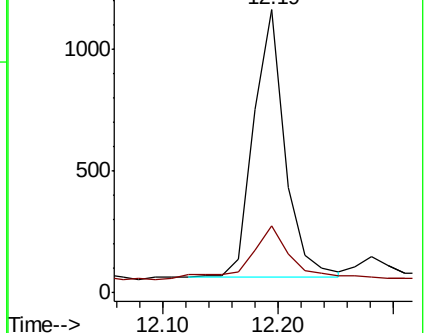
152 100

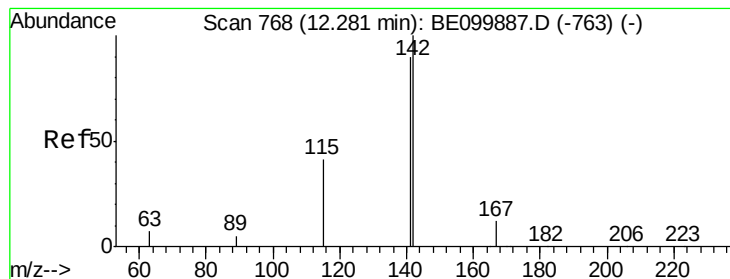
151 24.4 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.026 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609

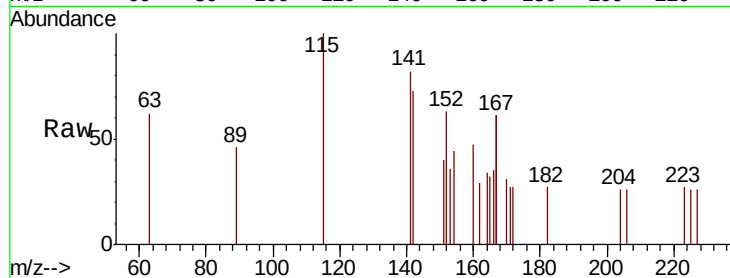
Tgt Ion:142 Resp: 148

Ion Ratio Lower Upper

142 100

141 112.8 72.3 108.5#

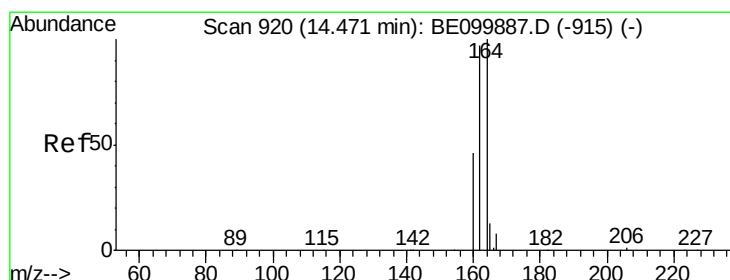
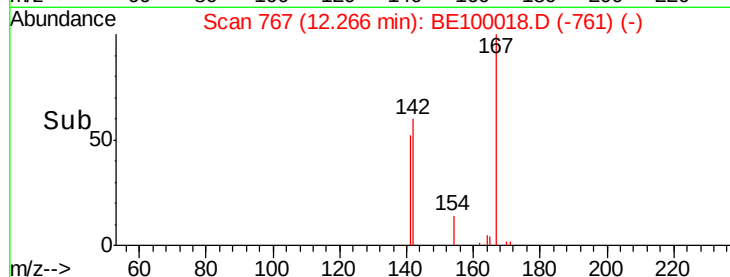
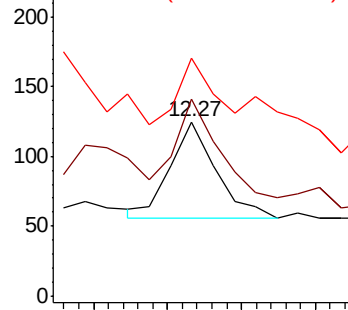
115 136.8 36.4 54.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

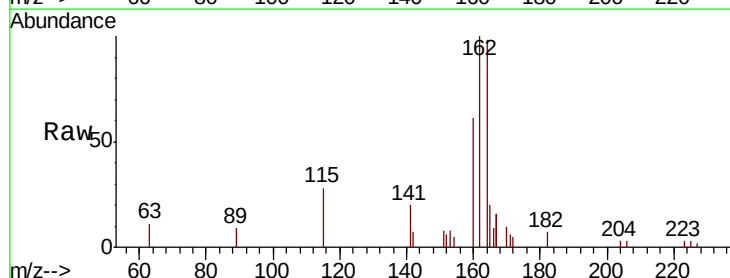
Tgt Ion:164 Resp: 2671

Ion Ratio Lower Upper

164 100

162 101.5 77.8 116.8

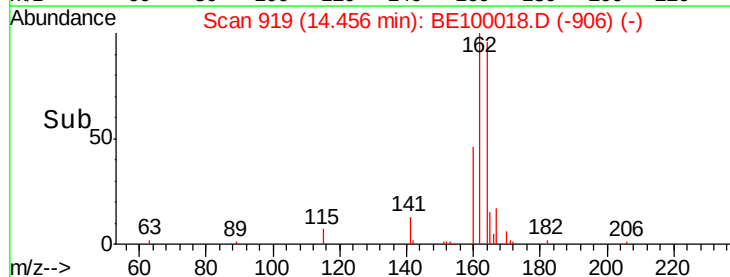
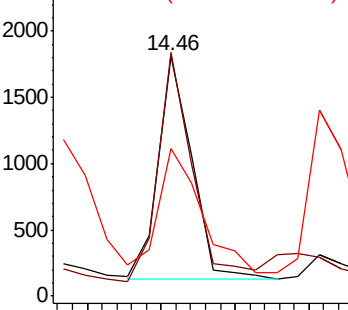
160 61.8 38.2 57.4#

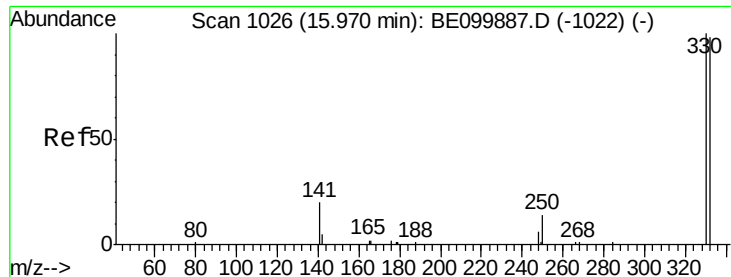


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.429 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609

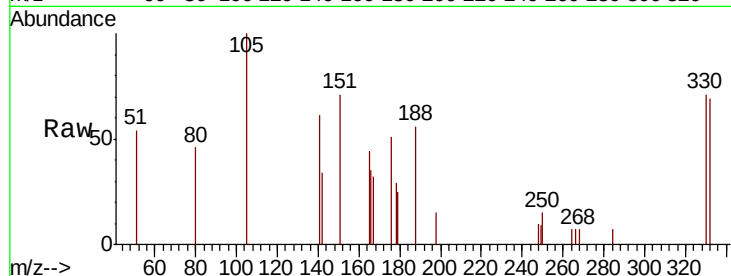
Tgt Ion:330 Resp: 846

Ion Ratio Lower Upper

330 100

332 91.8 76.7 115.1

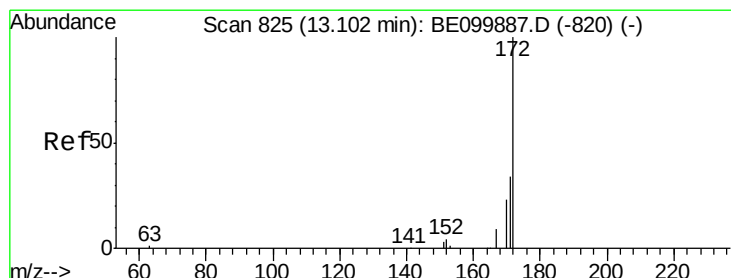
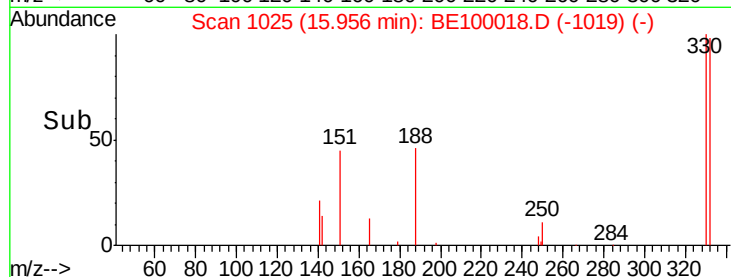
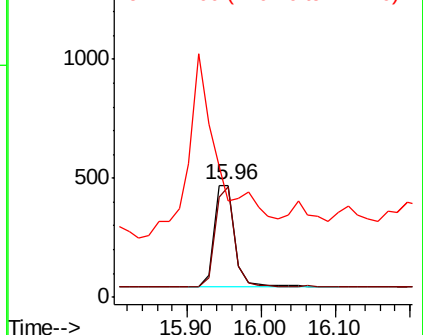
141 0.0 21.0 31.6#



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: 0.445 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.03 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

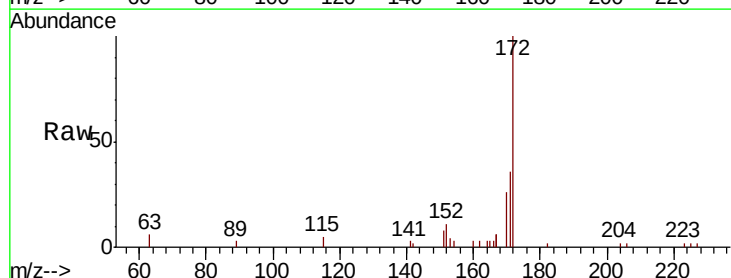
Tgt Ion:172 Resp: 4507

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

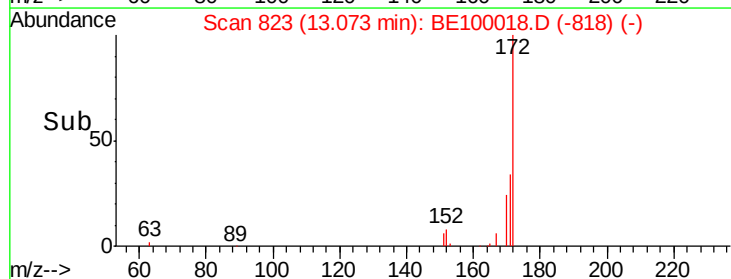
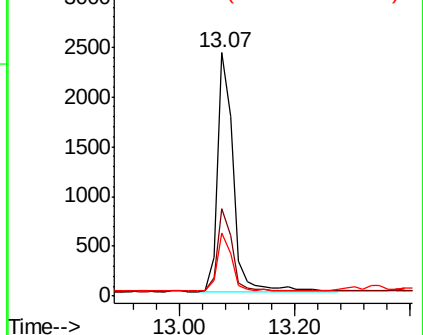
170 26.2 21.2 31.8

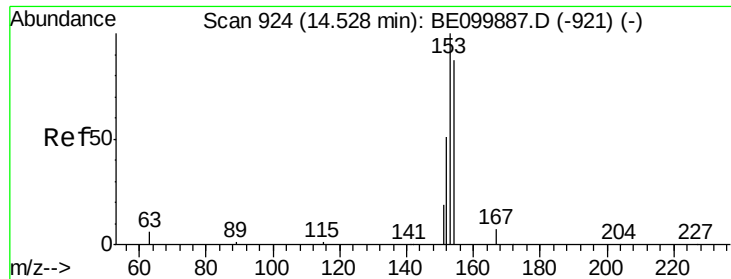


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

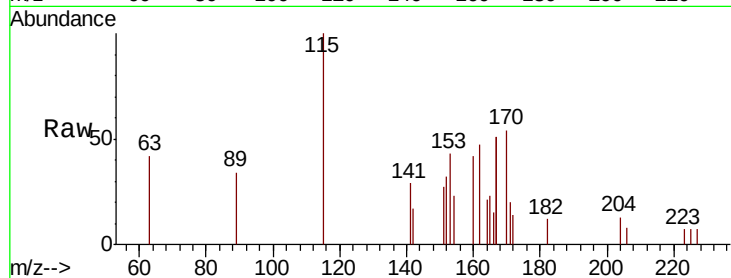




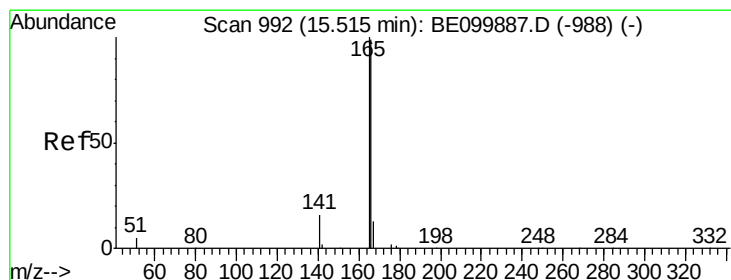
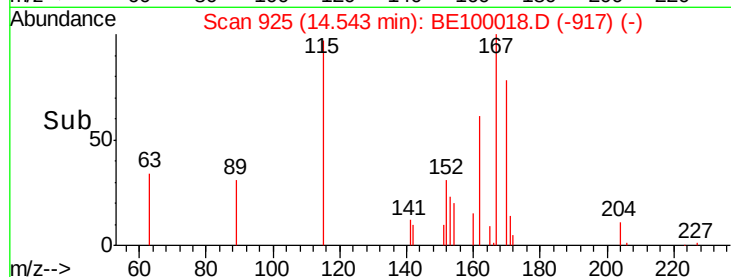
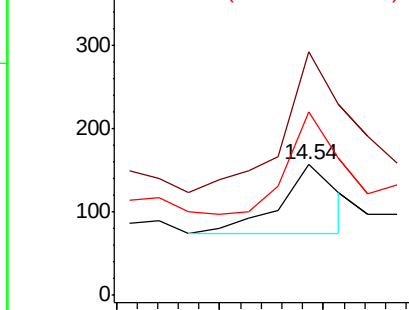
#17
Acenaphthene
Concen: 0.021 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

Tgt Ion:154 Resp: 155
Ion Ratio Lower Upper
154 100
153 202.6 93.1 139.7#
152 125.2 47.0 70.4#

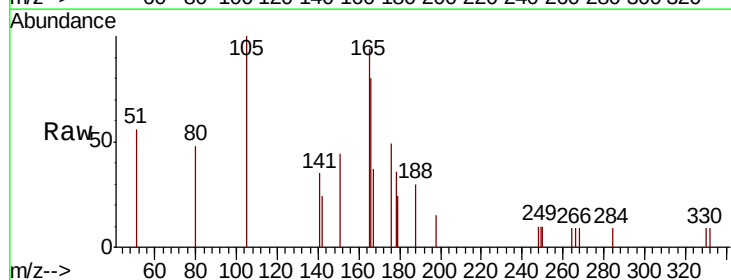


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

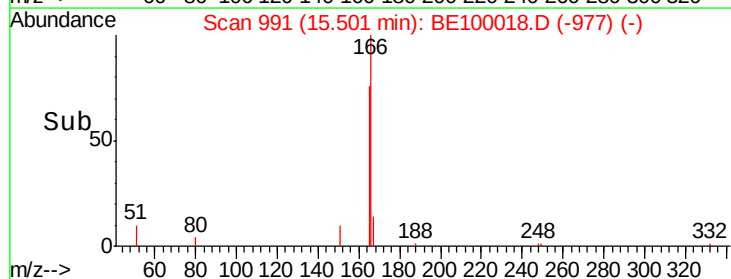
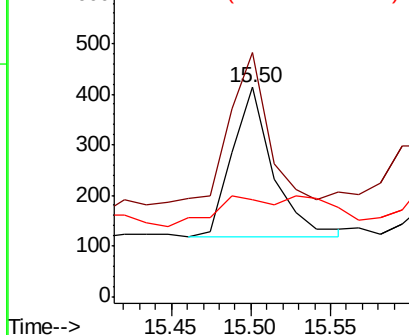


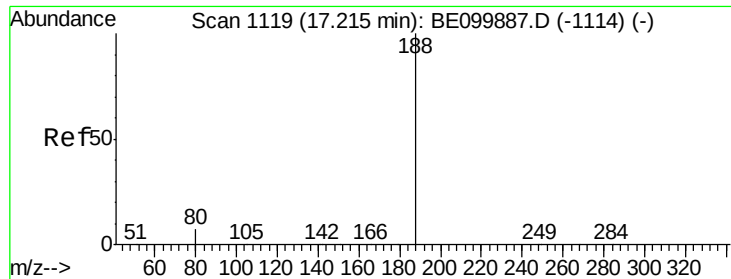
#18
Fluorene
Concen: 0.049 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:166 Resp: 529
Ion Ratio Lower Upper
166 100
165 114.6 81.8 122.8
167 28.5 11.2 16.8#



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

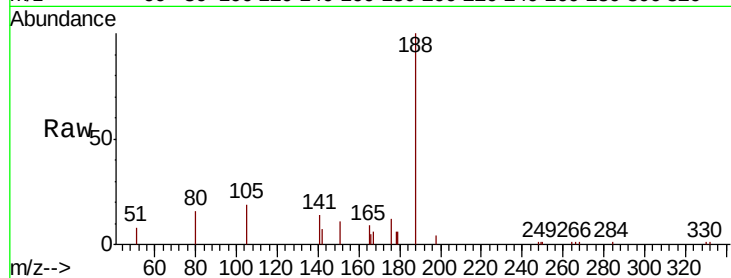




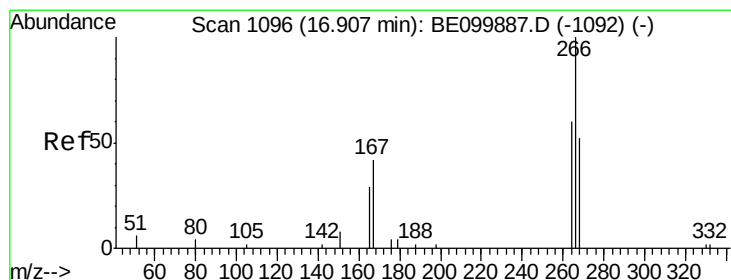
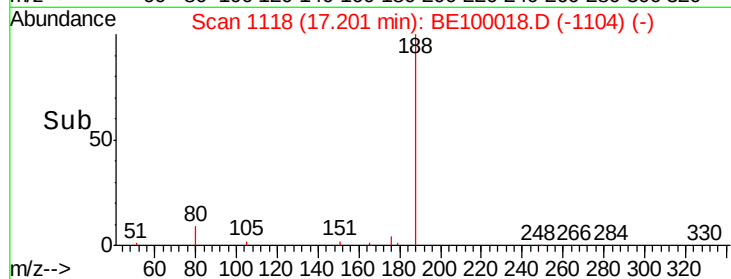
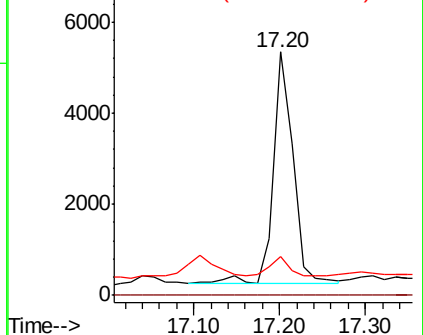
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609

Tgt Ion:188 Resp: 8064
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.0 6.4 9.6#

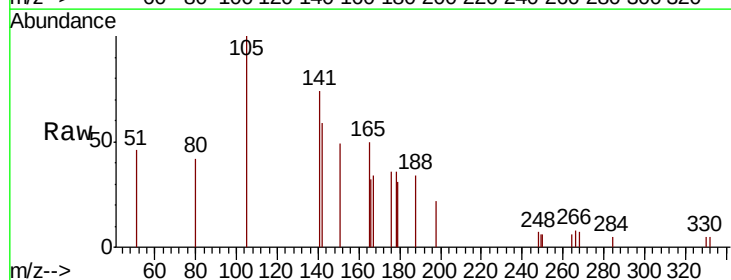


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

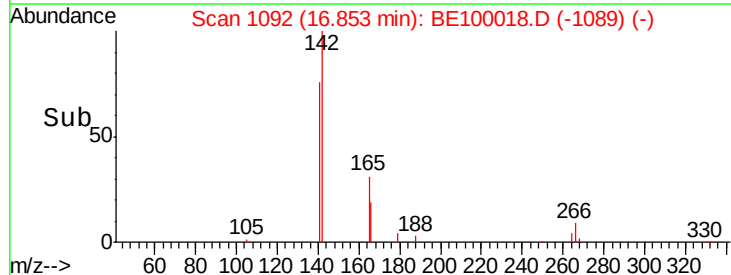
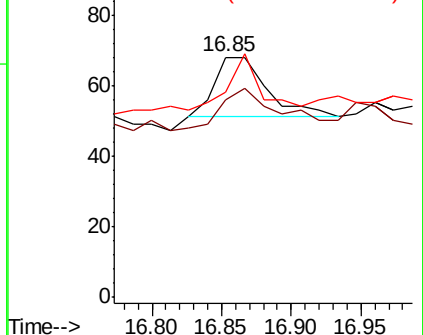


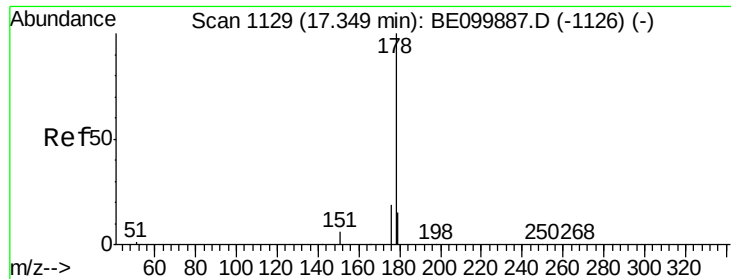
#22
Pentachlorophenol
Concen: 0.320 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.05 min
Lab File: BE100018.D
Acq: 14 Jun 2019 11:38

Tgt Ion:266 Resp: 45
Ion Ratio Lower Upper
266 100
264 82.4 62.2 93.2
268 85.3 65.5 98.3



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

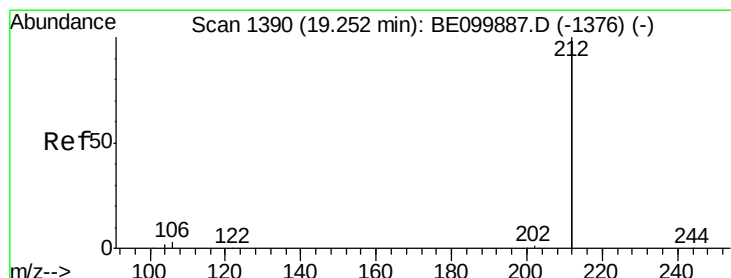
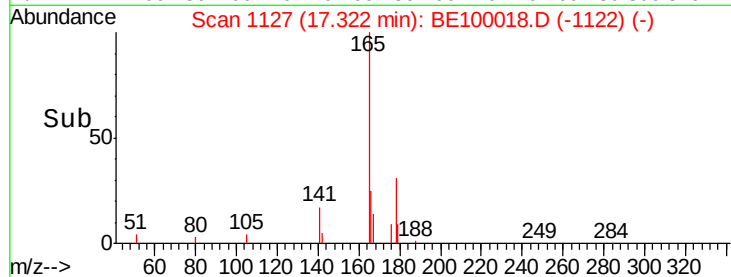
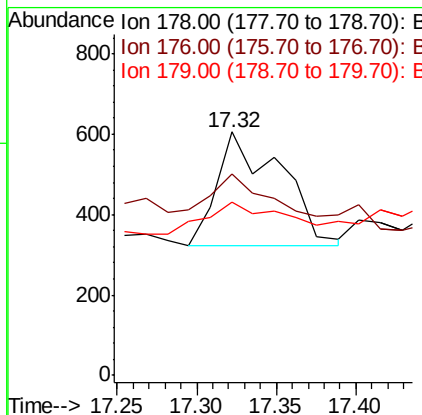
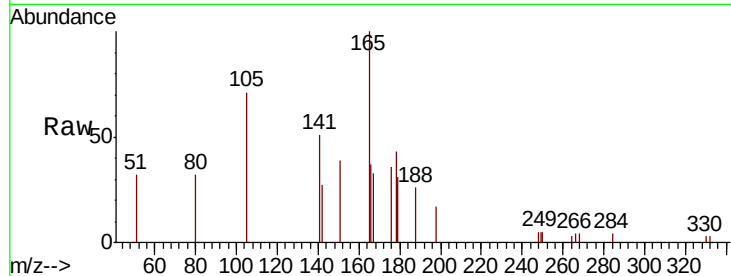




#24
 Anthracene
 Concen: 0.044 ng
 RT: 17.32 min Scan# 1127
 Delta R.T. -0.03 min
 Lab File: BE100018.D
 Acq: 14 Jun 2019 11:38

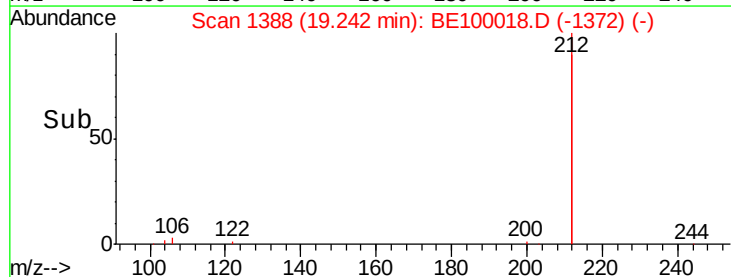
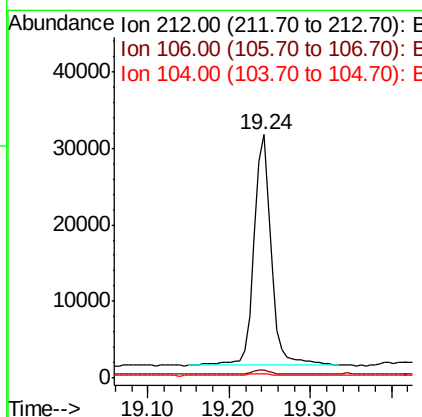
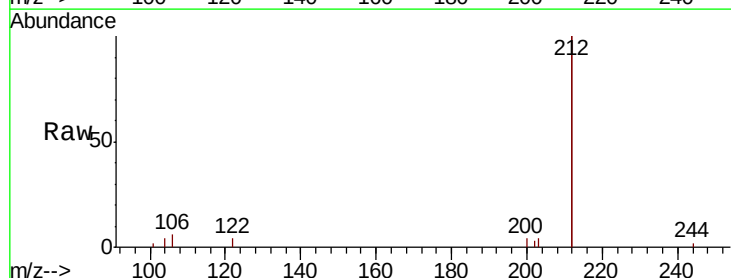
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609

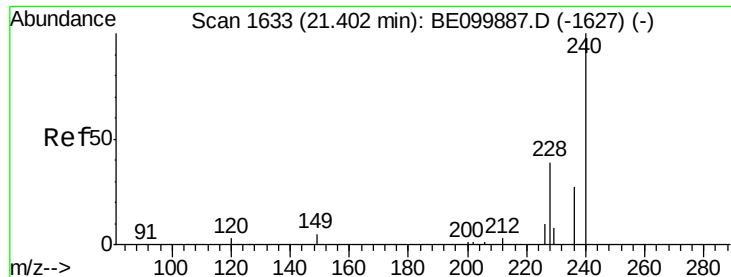
Tgt Ion:178 Resp: 783
 Ion Ratio Lower Upper
 178 100
 176 64.1 14.6 22.0#
 179 34.6 12.3 18.5#



#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE100018.D
 Acq: 14 Jun 2019 11:38

Tgt Ion:212 Resp: 45240
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.2 0.9 1.3

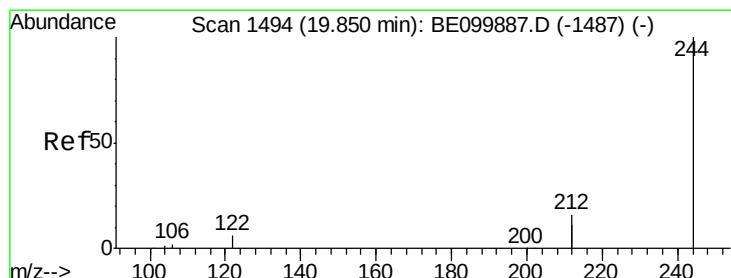
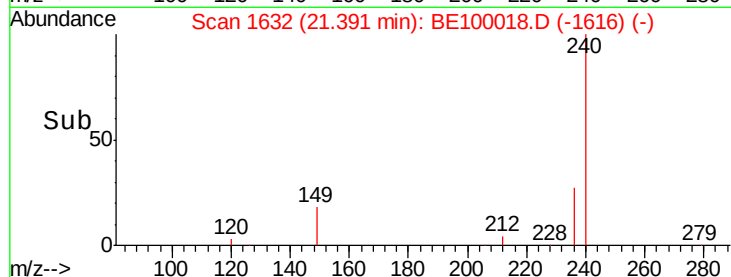
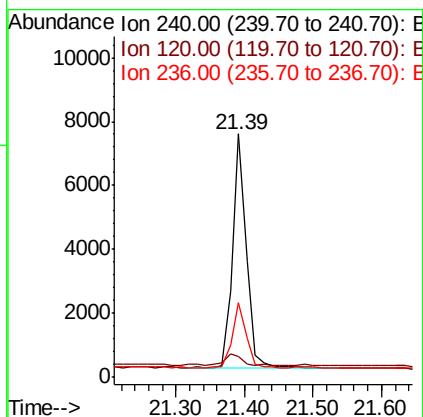
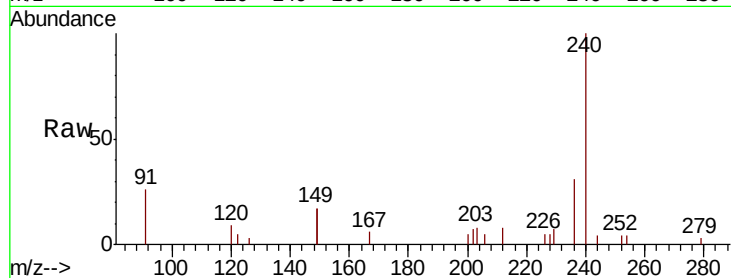




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE100018.D
 Acq: 14 Jun 2019 11:38

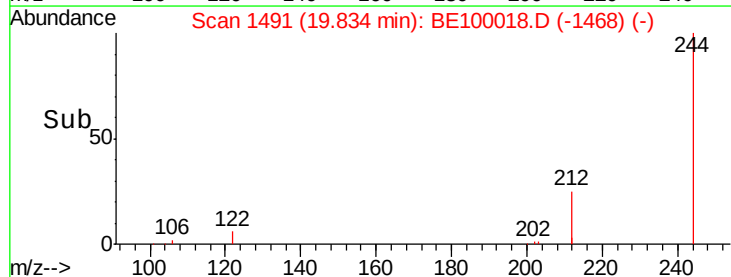
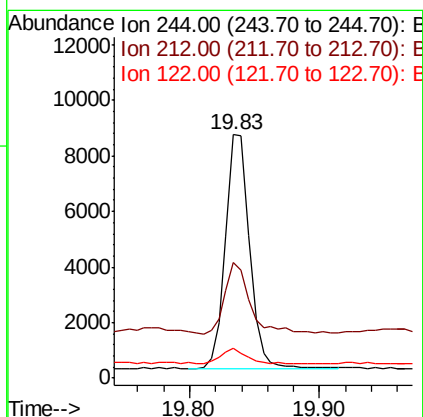
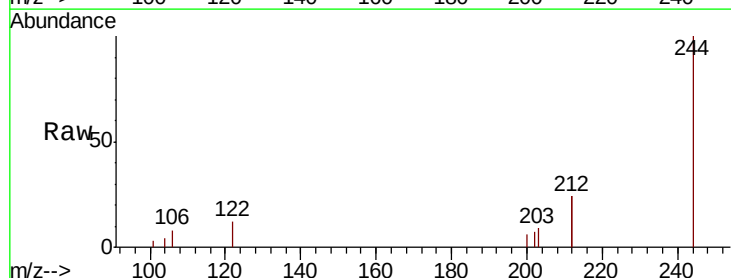
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609

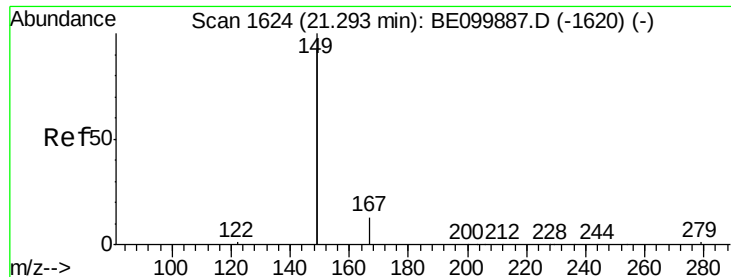
Tgt Ion:240 Resp: 10138
 Ion Ratio Lower Upper
 240 100
 120 8.7 3.8 5.6#
 236 30.5 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.596 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. -0.02 min
 Lab File: BE100018.D
 Acq: 14 Jun 2019 11:38

Tgt Ion:244 Resp: 10886
 Ion Ratio Lower Upper
 244 100
 212 47.3 25.7 38.5#
 122 12.1 5.5 8.3#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.063 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609

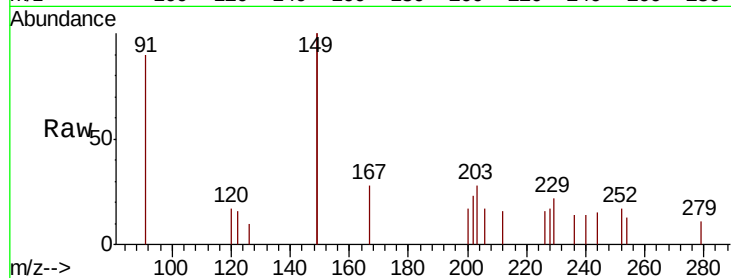
Tgt Ion:149 Resp: 2744

Ion Ratio Lower Upper

149 100

167 10.7 5.9 8.9#

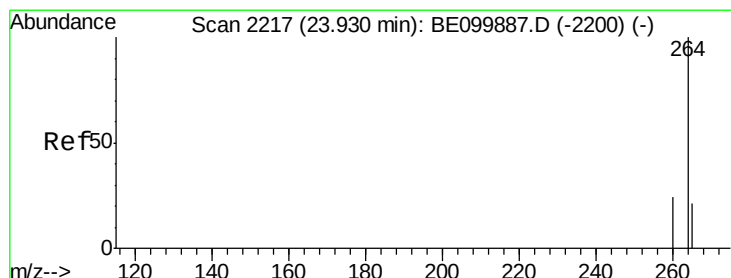
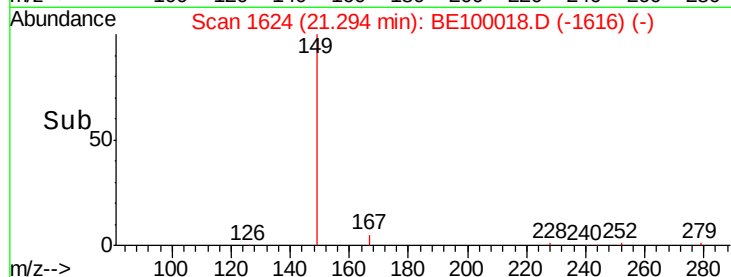
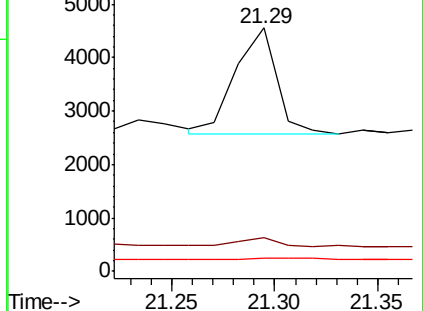
279 2.3 1.2 1.8#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BE100018.D

Acq: 14 Jun 2019 11:38

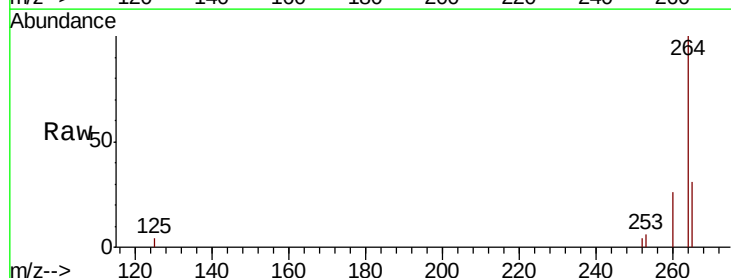
Tgt Ion:264 Resp: 11282

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 30.7 22.0 33.0



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

