

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031919\
 Data File : BE099056.D
 Acq On : 20 Mar 2019 4:35
 Operator : JU/SJ
 Sample : K1963-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW03-20190315

Quant Time: Mar 20 06:42:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

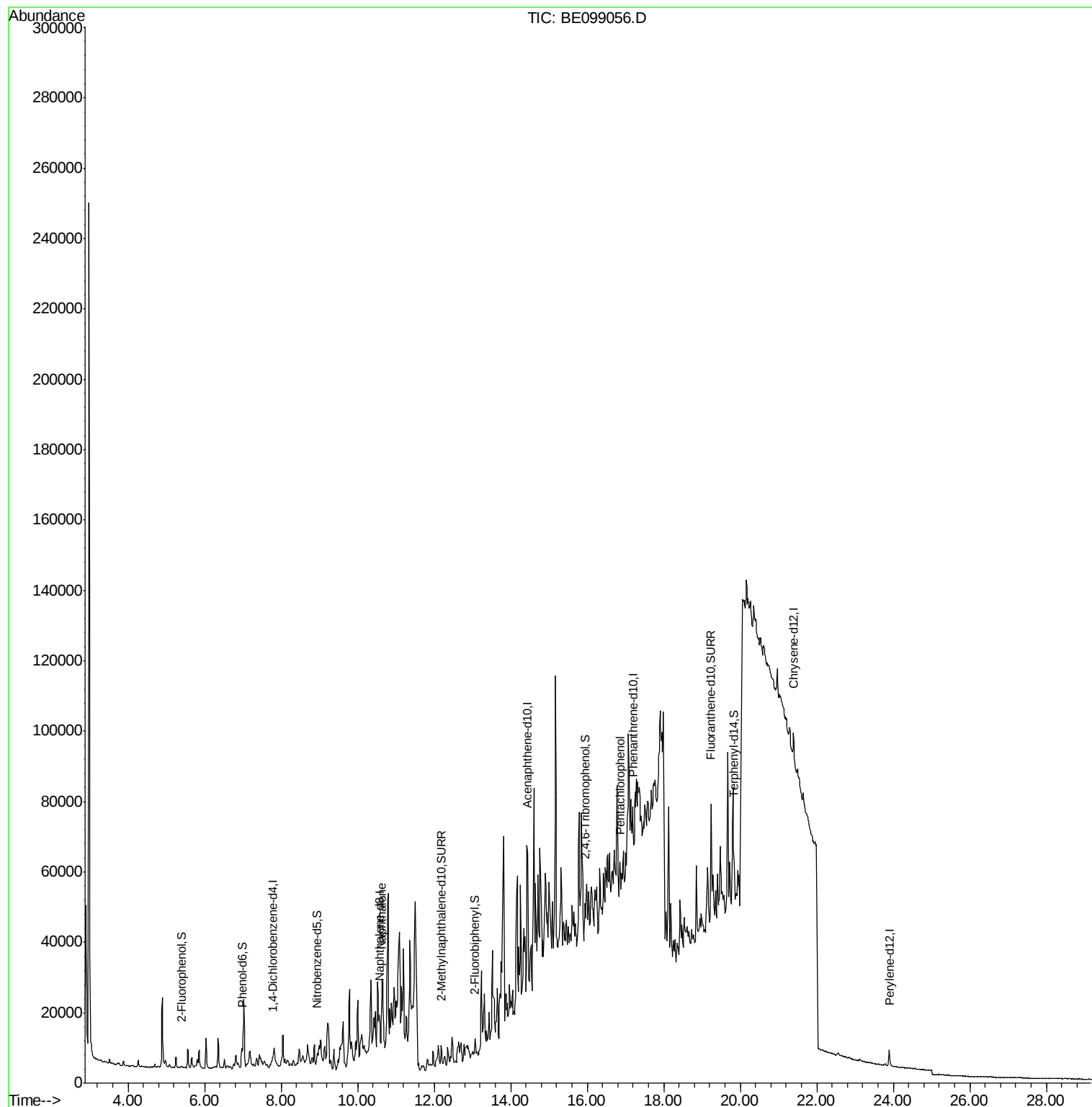
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	947	0.40	ng	-0.01
7) Naphthalene-d8	10.57	136	4204	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	8812	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	7154	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	7550	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6652	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	520	0.18	ng	0.01
5) Phenol-d6	6.98	99	509	0.13	ng	-0.01
8) Nitrobenzene-d5	8.94	82	2402	0.54	ng	-0.03
11) 2-Methylnaphthalene-d10	12.18	152	3079	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	848	0.19	ng	-0.03
15) 2-Fluorobiphenyl	13.06	172	5283	0.14	ng	-0.03
25) Fluoranthene-d10	19.24	212	51254	0.45	ng	0.00
29) Terphenyl-d14	19.83	244	7747	0.42	ng	0.00
Target Compounds						
9) Naphthalene	10.63	128	17399	0.361	ng	Qvalue # 74
22) Pentachlorophenol	16.87	266	430	0.538	ng	91

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

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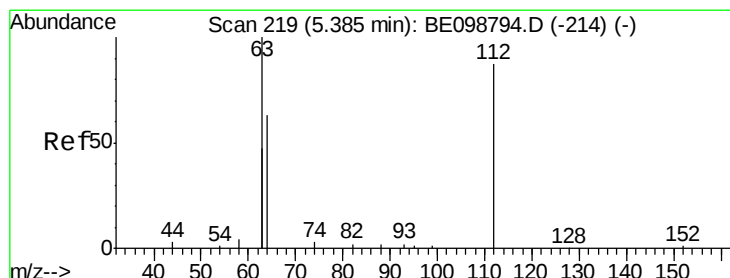
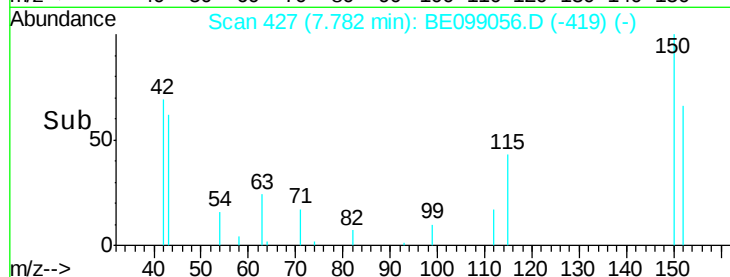
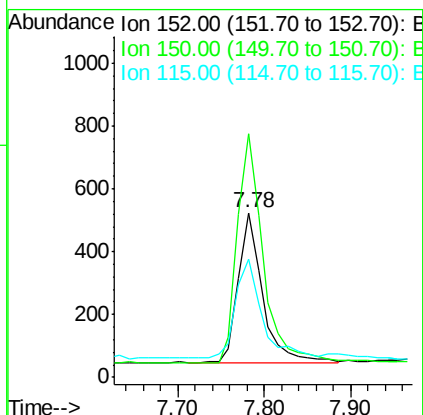
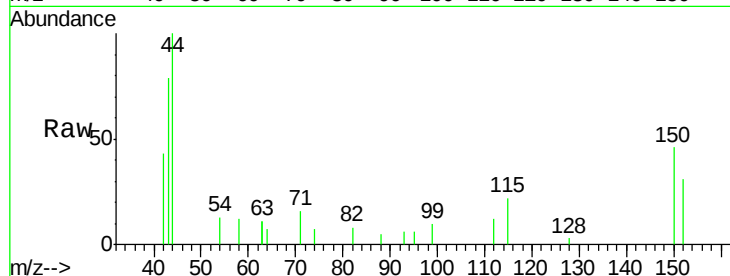


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099056.D
Acq: 20 Mar 2019 4:35

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW03-20190315

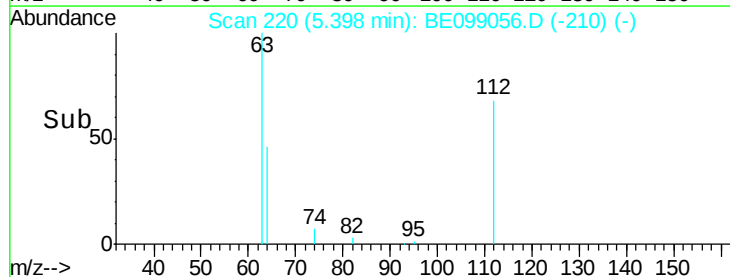
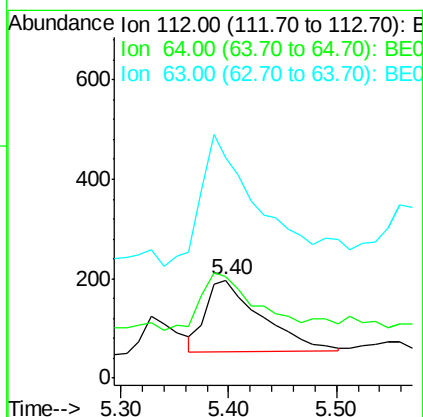
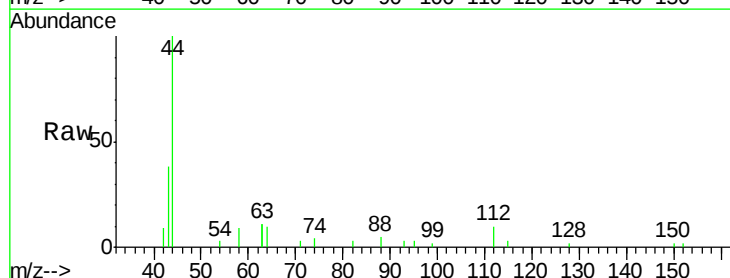
Tgt Ion:152 Resp: 947
Ion Ratio Lower Upper
152 100
150 147.9 122.5 183.7
115 72.1 57.4 86.2

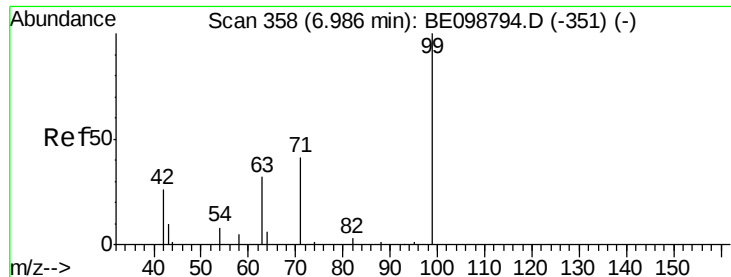


#4

2-Fluorophenol
Concen: 0.184 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099056.D
Acq: 20 Mar 2019 4:35

Tgt Ion:112 Resp: 520
Ion Ratio Lower Upper
112 100
64 75.0 57.9 86.9
63 200.2 158.3 237.5





#5

Phenol-d6

Concen: 0.127 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW03-20190315

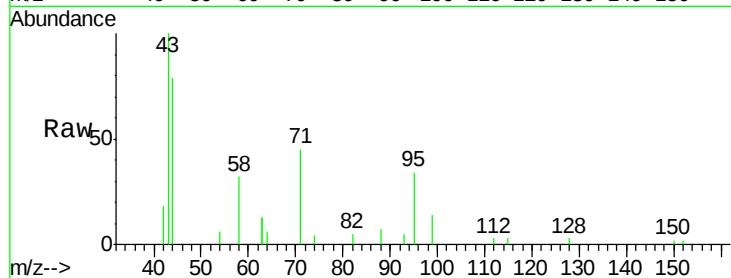
Tgt Ion: 99 Resp: 509

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

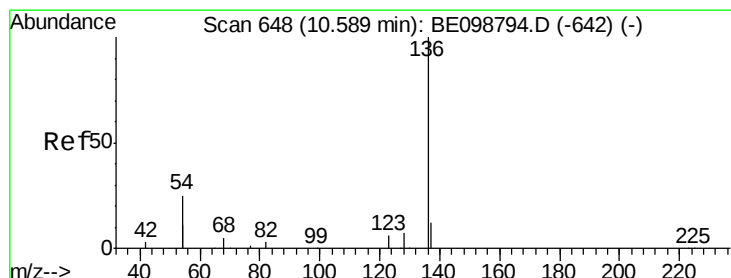
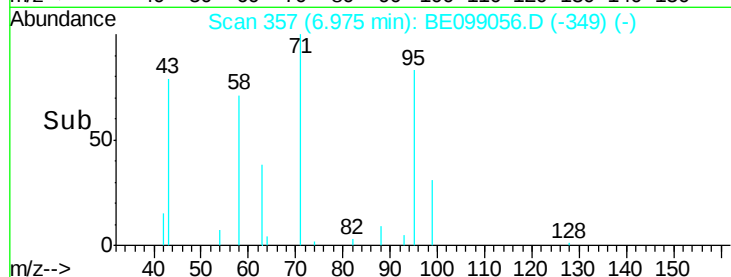
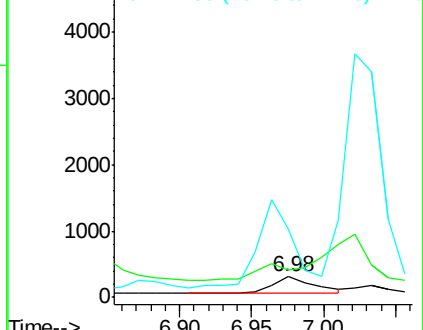
71 452.8 35.7 53.5#



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: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

Tgt Ion: 136 Resp: 4204

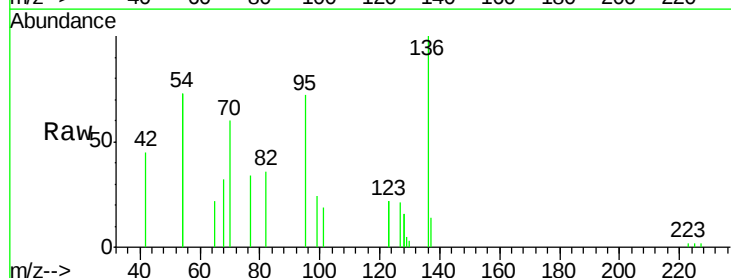
Ion Ratio Lower Upper

136 100

137 13.6 11.4 17.0

54 146.6 39.3 58.9#

68 32.2 6.7 10.1#

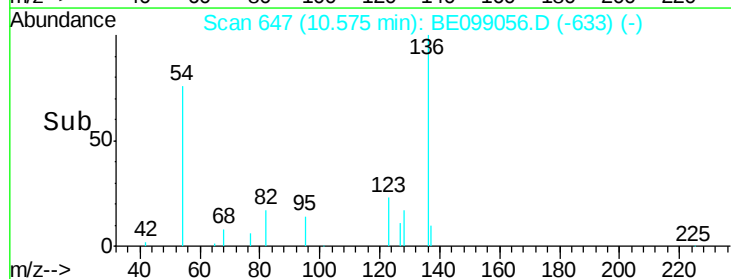
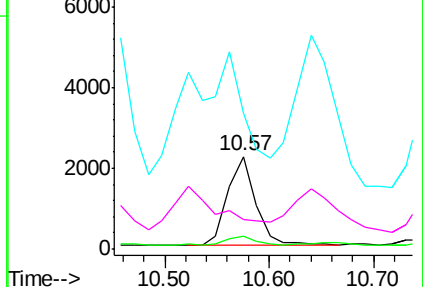


Abundance Ion 136.00 (135.70 to 136.70): E

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

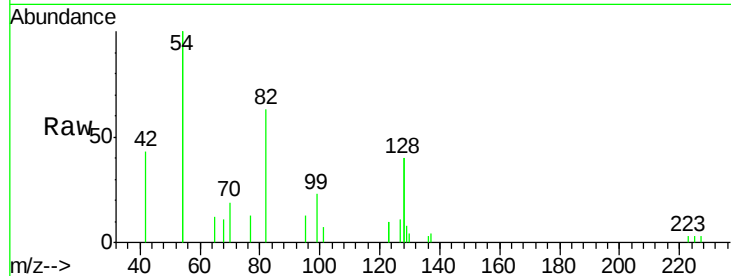




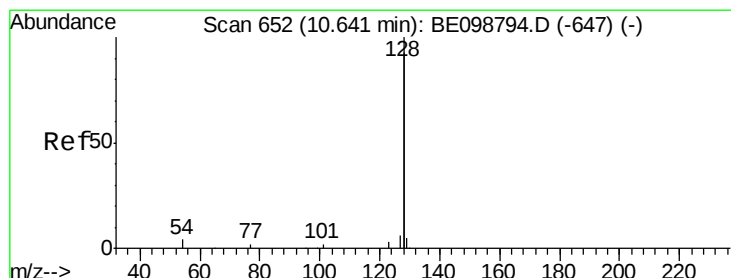
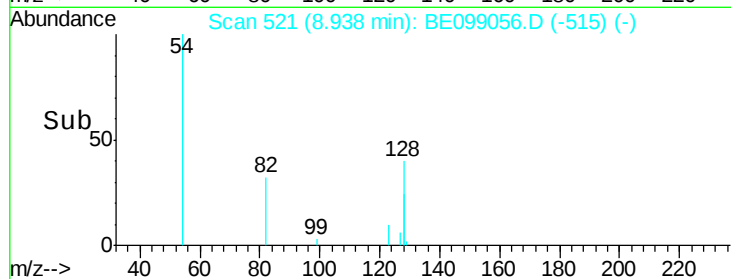
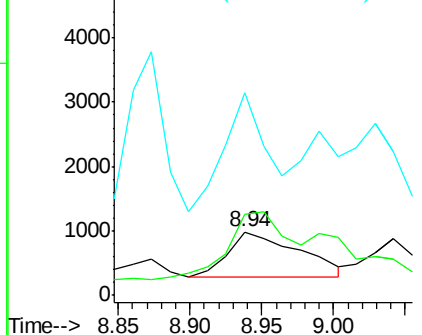
#8
 Nitrobenzene-d5
 Concen: 0.545 ng
 RT: 8.94 min Scan# 521
 Delta R.T. -0.03 min
 Lab File: BE099056.D
 Acq: 20 Mar 2019 4:35

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW03-20190315

Tgt Ion: 82 Resp: 2402
 Ion Ratio Lower Upper
 82 100
 128 127.5 123.8 185.8
 54 318.8 203.4 305.2#

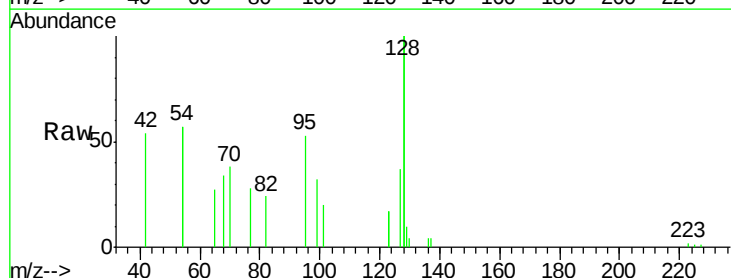


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

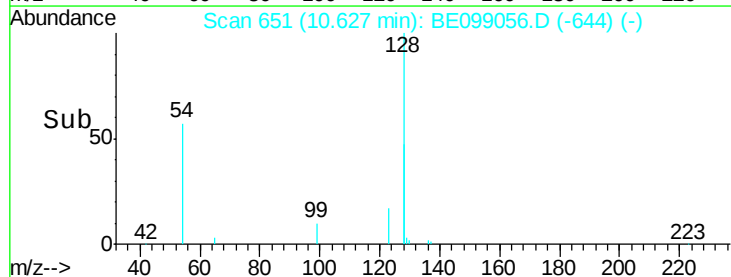
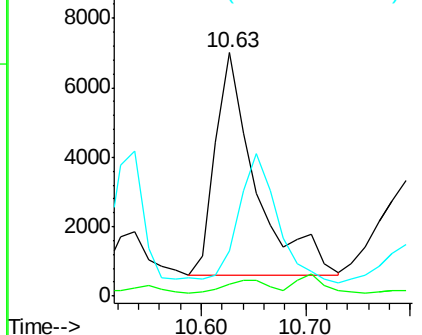


#9
 Naphthalene
 Concen: 0.361 ng
 RT: 10.63 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BE099056.D
 Acq: 20 Mar 2019 4:35

Tgt Ion: 128 Resp: 17399
 Ion Ratio Lower Upper
 128 100
 129 4.9 2.6 4.0#
 127 18.6 3.1 4.7#



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: 0.396 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.01 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

Instrument :

BNA_E

ClientSampleId :

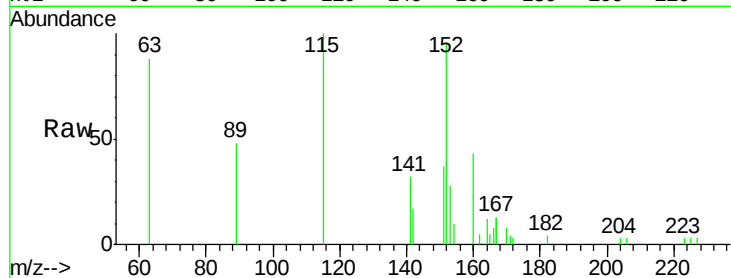
BP-TT-AOC22-MW03-20190315

Tgt Ion:152 Resp: 3079

Ion Ratio Lower Upper

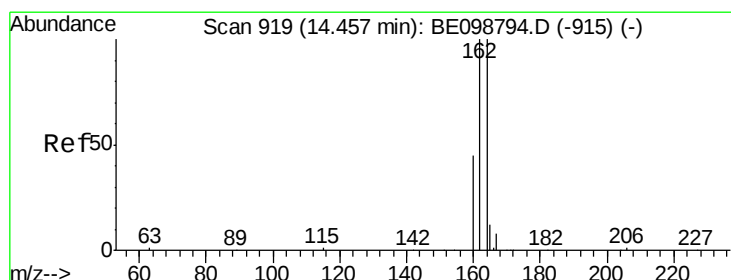
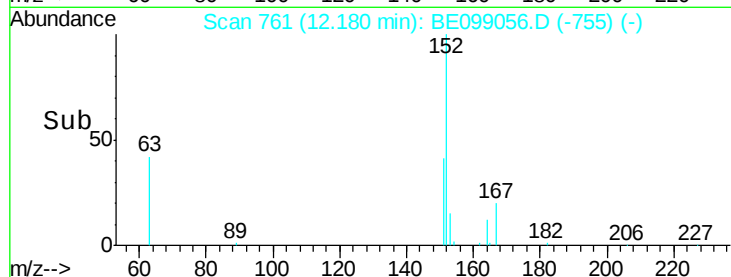
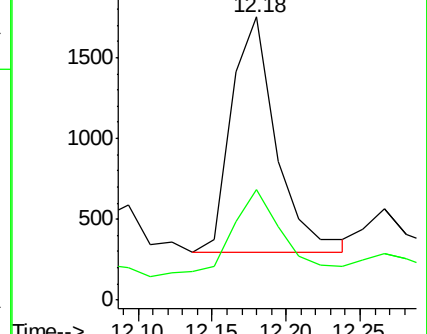
152 100

151 44.3 16.5 24.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.01 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

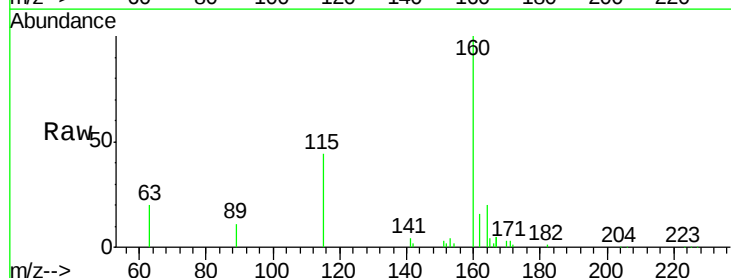
Tgt Ion:164 Resp: 8812

Ion Ratio Lower Upper

164 100

162 76.8 80.2 120.2#

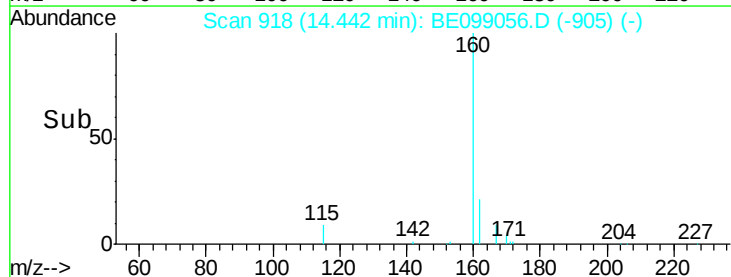
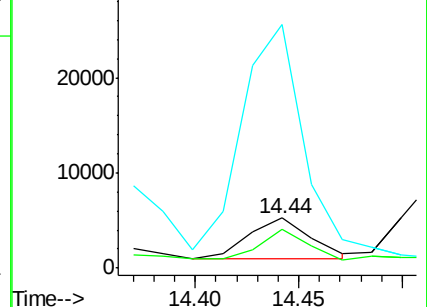
160 488.5 37.8 56.8#



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: 0.191 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW03-20190315

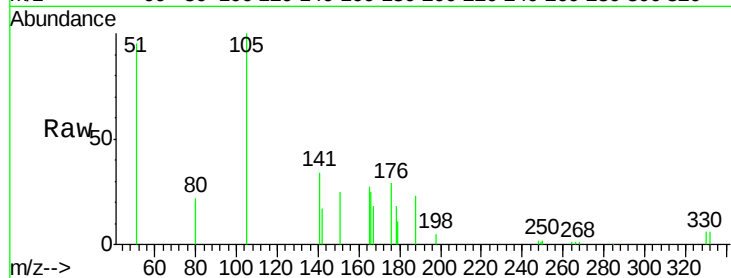
Tgt Ion:330 Resp: 848

Ion Ratio Lower Upper

330 100

332 101.5 77.6 116.4

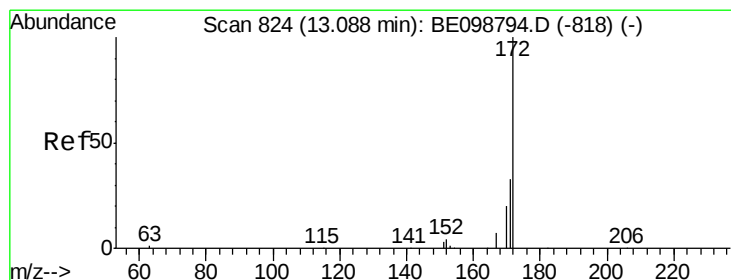
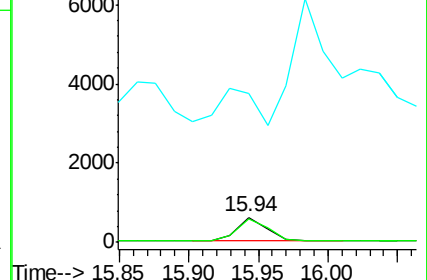
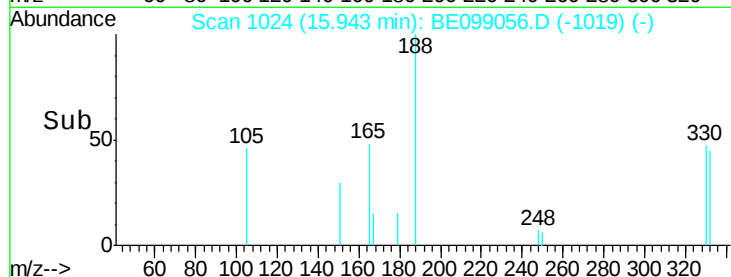
141 186.2 31.0 46.4#



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: 0.145 ng

RT: 13.06 min Scan# 822

Delta R.T. -0.03 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

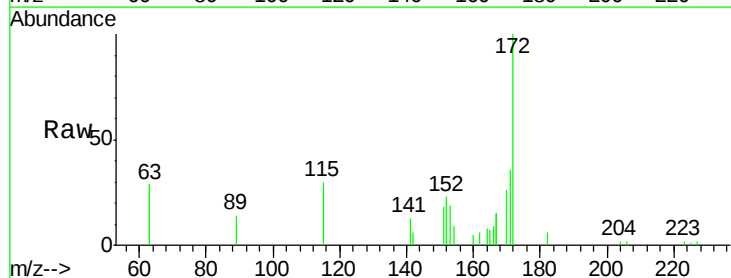
Tgt Ion:172 Resp: 5283

Ion Ratio Lower Upper

172 100

171 36.1 28.0 42.0

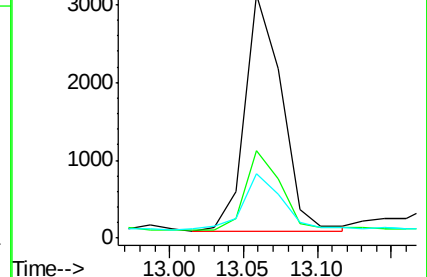
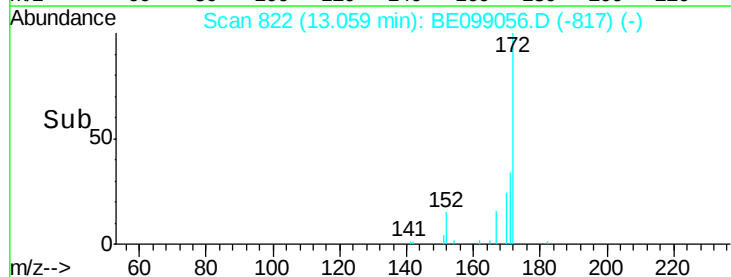
170 26.3 17.7 26.5



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

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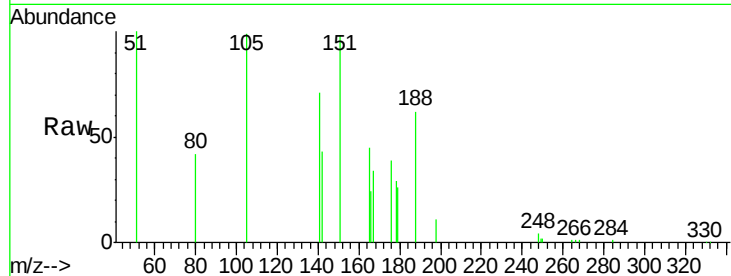
Tgt Ion:188 Resp: 7154

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

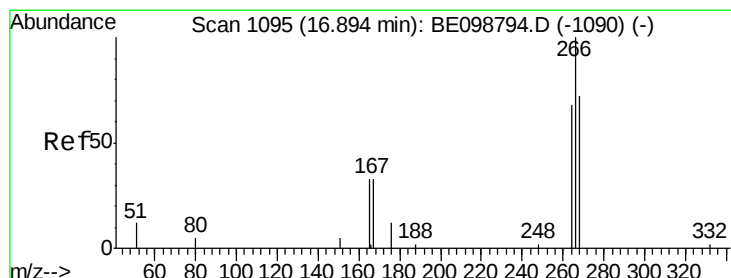
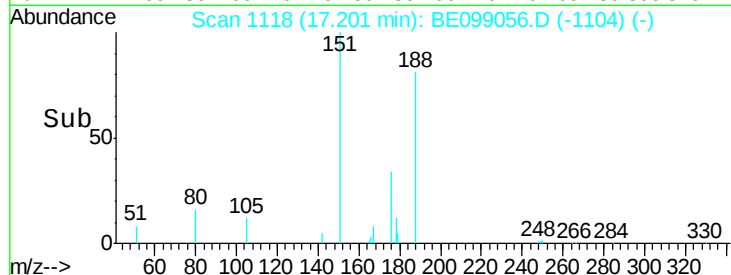
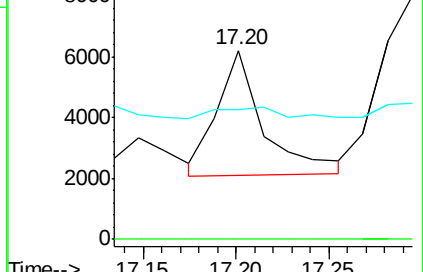
80 68.7 6.3 9.5#



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: 0.538 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

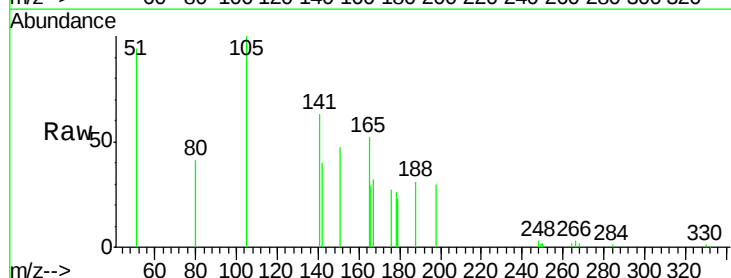
Tgt Ion:266 Resp: 430

Ion Ratio Lower Upper

266 100

264 75.3 66.6 100.0

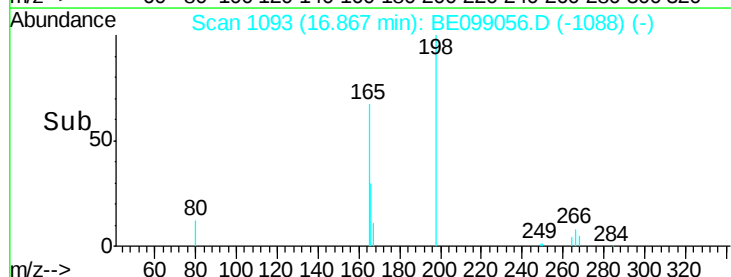
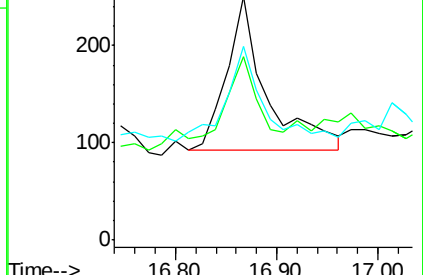
268 79.3 69.8 104.8



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





#25

Fluoranthene-d10

Concen: 0.449 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

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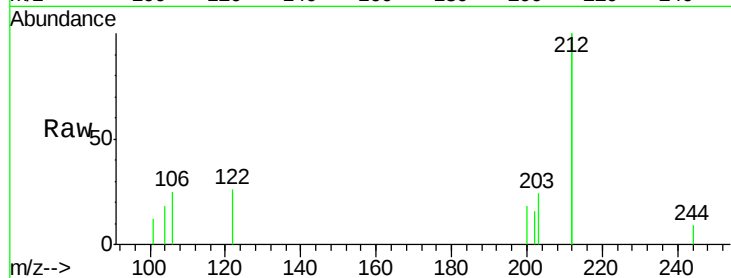
Tgt Ion:212 Resp: 51254

Ion Ratio Lower Upper

212 100

106 2.9 1.8 2.8#

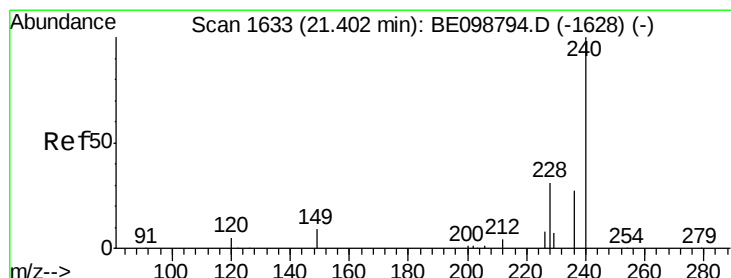
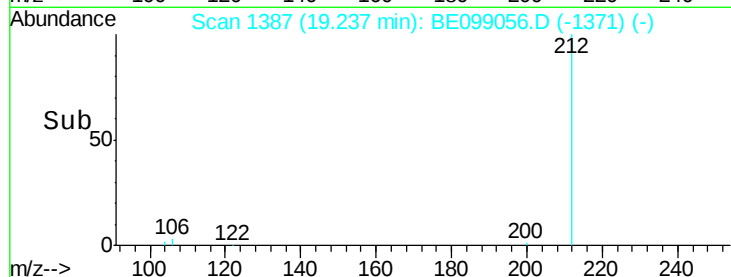
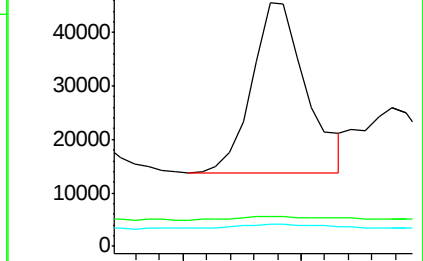
104 4.1 1.0 1.6#



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

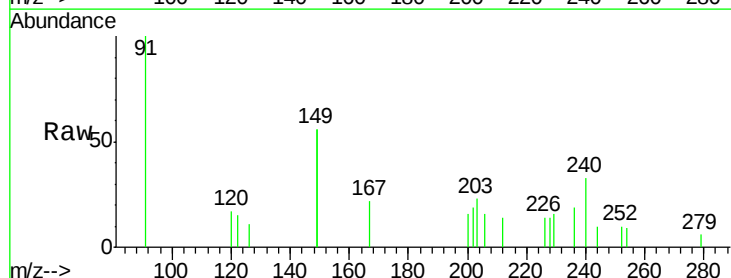
Tgt Ion:240 Resp: 7550

Ion Ratio Lower Upper

240 100

120 52.6 5.0 7.4#

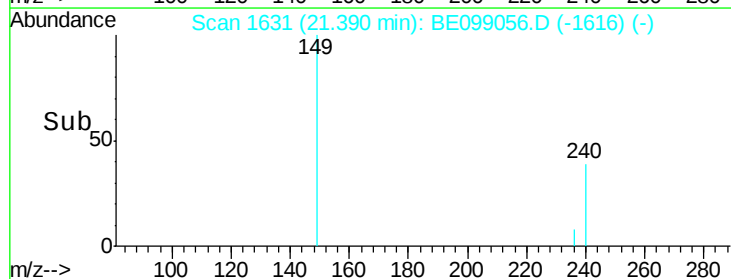
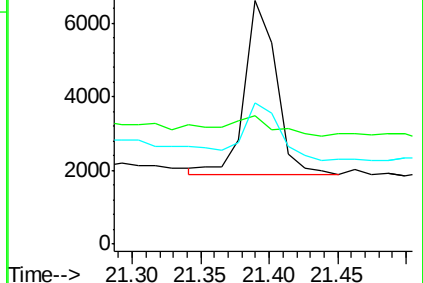
236 58.2 22.7 34.1#

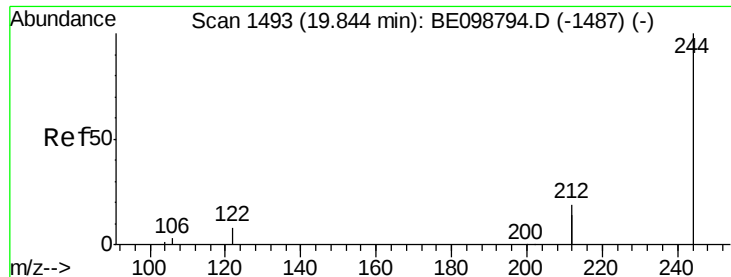


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.422 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

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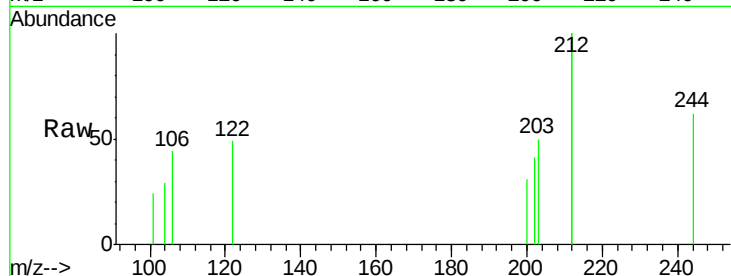
Tgt Ion:244 Resp: 7747

Ion Ratio Lower Upper

244 100

212 322.2 29.4 44.2#

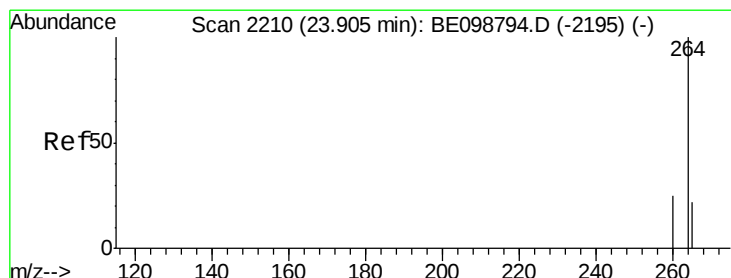
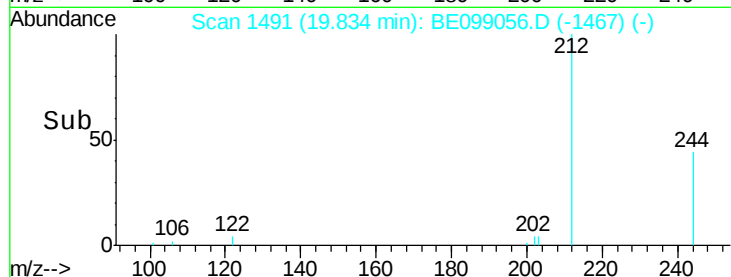
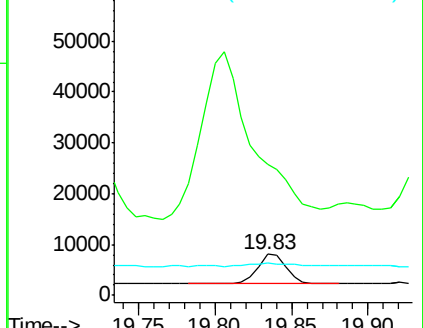
122 78.6 7.1 10.7#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BE099056.D

Acq: 20 Mar 2019 4:35

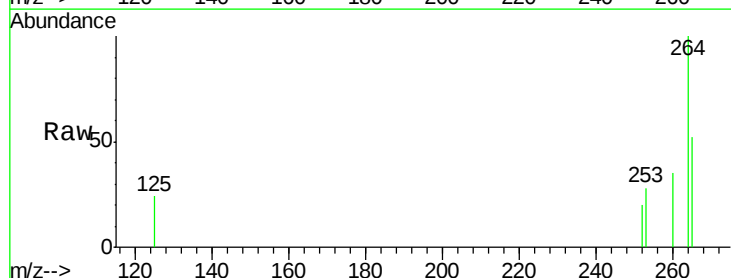
Tgt Ion:264 Resp: 6652

Ion Ratio Lower Upper

264 100

260 35.5 21.2 31.8#

265 51.5 24.6 36.8#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

