

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098940.D
 Acq On : 14 Mar 2019 11:24
 Operator : JU/SJ
 Sample : K1860-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190311DL

Quant Time: Mar 15 05:30:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

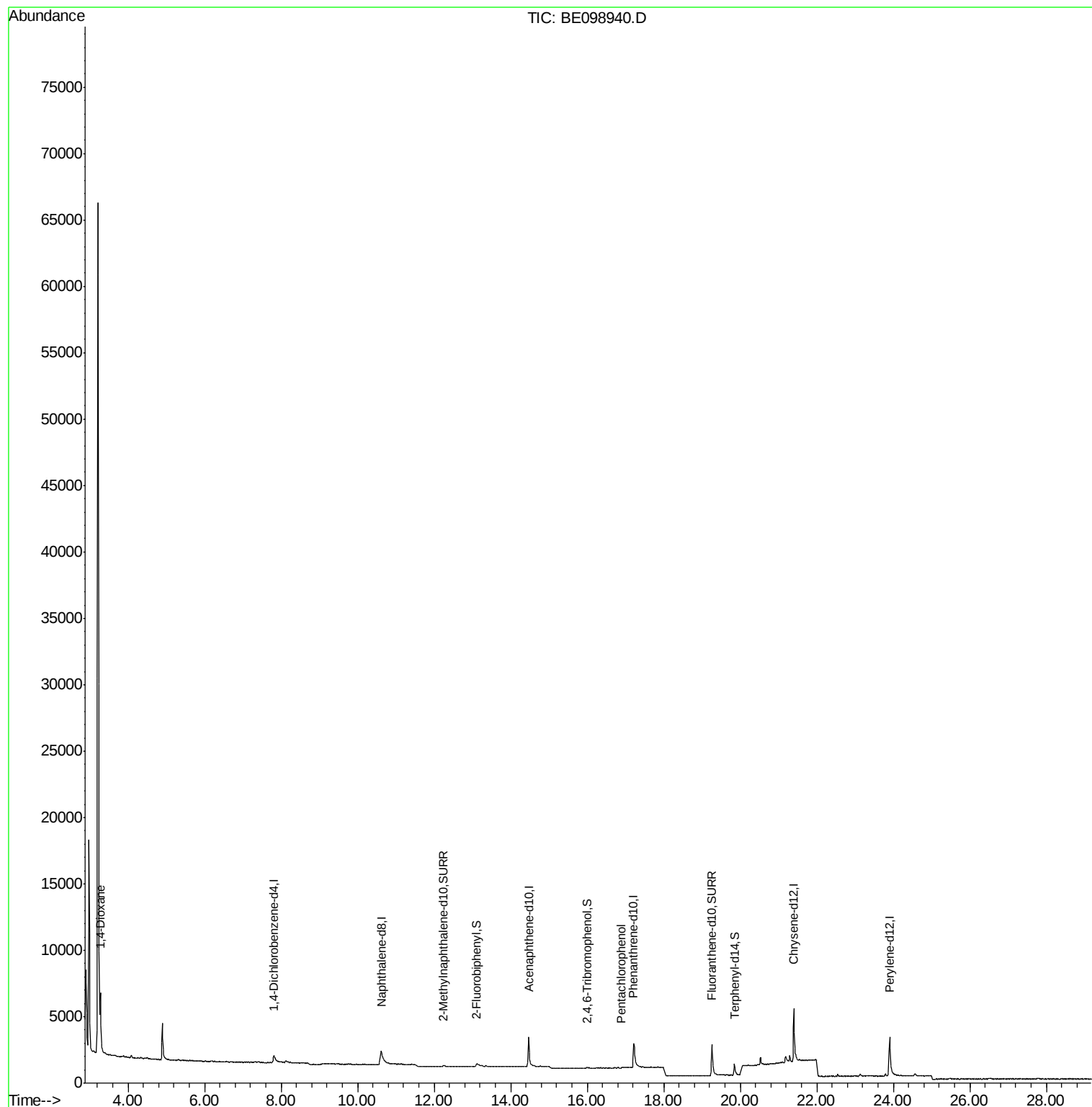
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	562	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2879	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2302	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5440	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6255	0.40	ng	0.00
34) Perylene-d12	23.90	264	6049	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	23	0.01	ng	0.05
5) Phenol-d6	6.99	99	6	0.00	ng	0.00
8) Nitrobenzene-d5	8.95	82	5	0.00	ng	-0.01
11) 2-Methylnaphthalene-d10	12.25	152	387	0.07	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	48	0.04	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	781	0.08	ng	0.03
25) Fluoranthene-d10	19.26	212	5758	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1351	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2450	2.727	ng	96
22) Pentachlorophenol	16.89	266	2	0.266	ng	85

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

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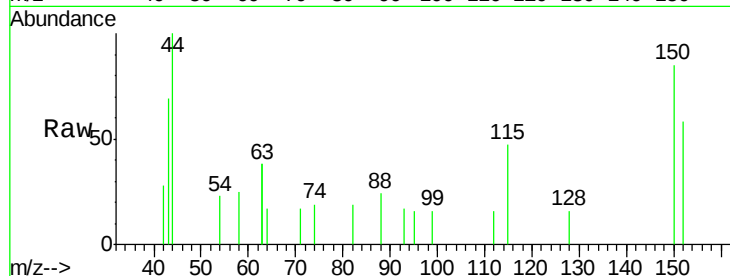


#1

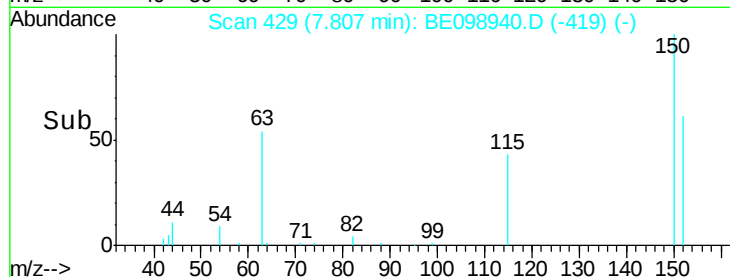
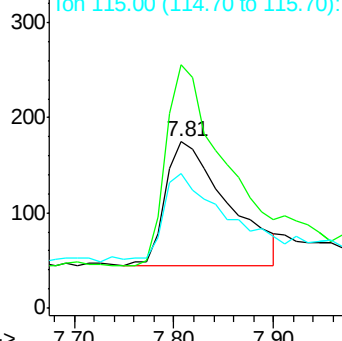
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE098940.D
Acq: 14 Mar 2019 11:24

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190311DL

Tgt Ion:152 Resp: 562
Ion Ratio Lower Upper
152 100
150 146.3 122.5 183.7
115 81.1 57.4 86.2



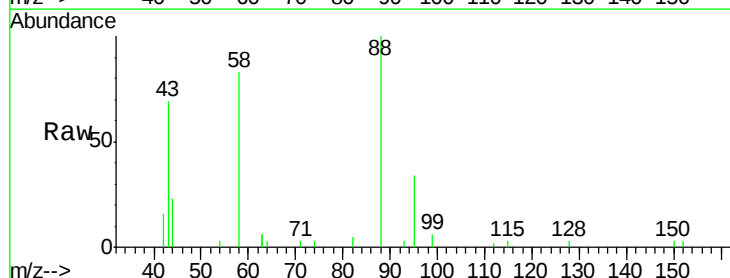
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



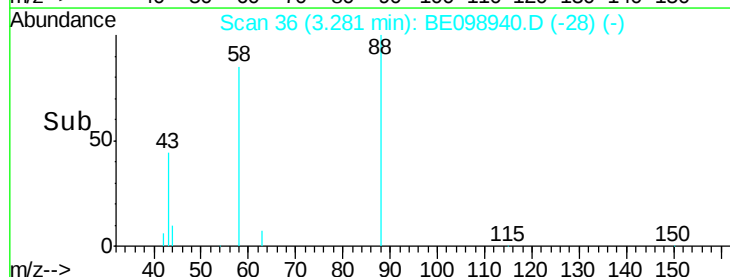
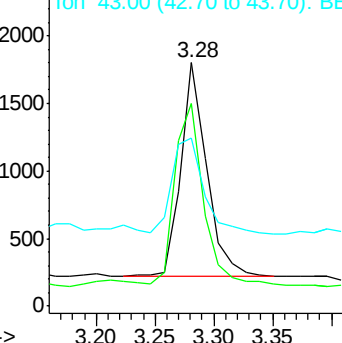
#2

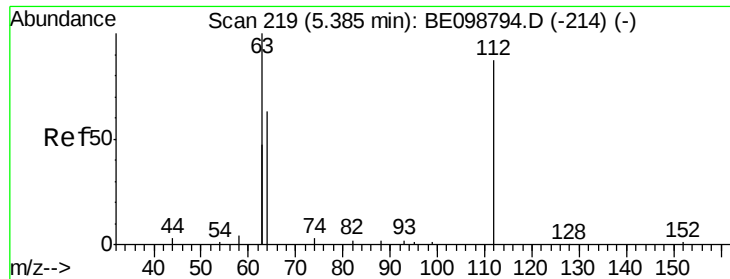
1,4-Dioxane
Concen: 2.727 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098940.D
Acq: 14 Mar 2019 11:24

Tgt Ion: 88 Resp: 2450
Ion Ratio Lower Upper
88 100
58 91.0 75.8 113.6
43 55.8 41.8 62.8



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





#4

2-Fluorophenol

Concen: 0.014 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

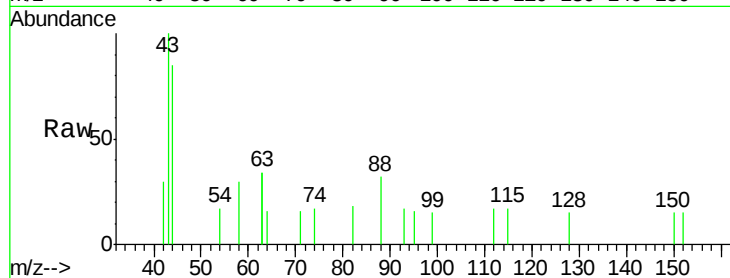
Tgt Ion: 112 Resp: 23

Ion Ratio Lower Upper

112 100

64 121.7 57.9 86.9#

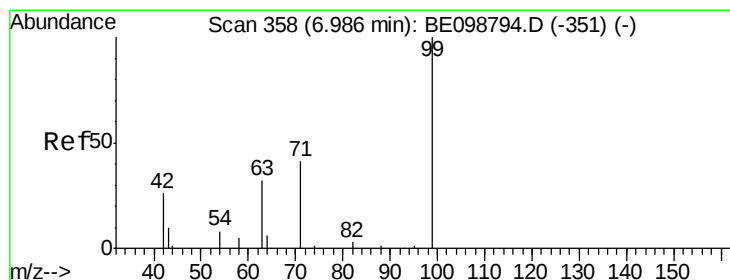
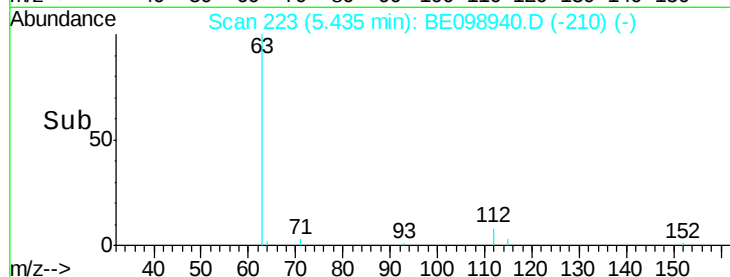
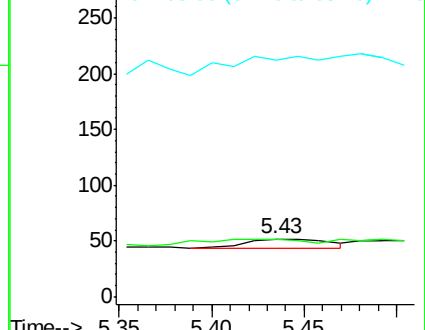
63 0.0 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.003 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

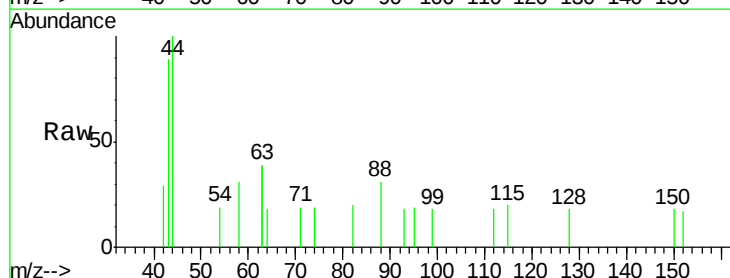
Tgt Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

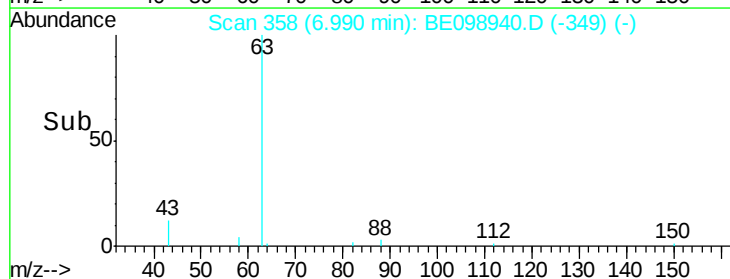
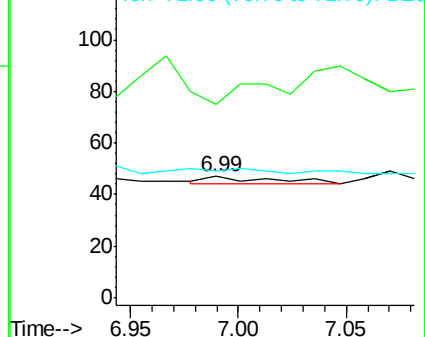
71 0.0 35.7 53.5#



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: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

Tgt Ion:136 Resp: 2879

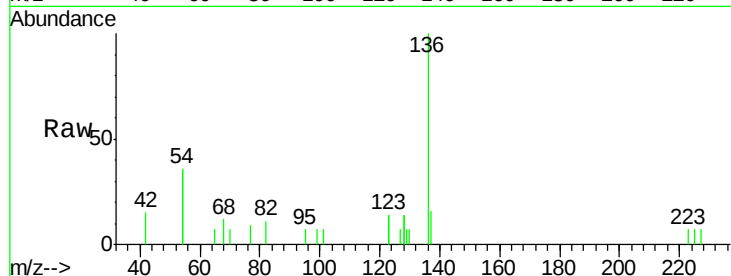
Ion Ratio Lower Upper

136 100

137 15.8 11.4 17.0

54 72.2 39.3 58.9#

68 11.5 6.7 10.1#

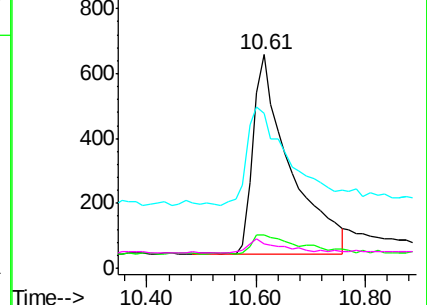
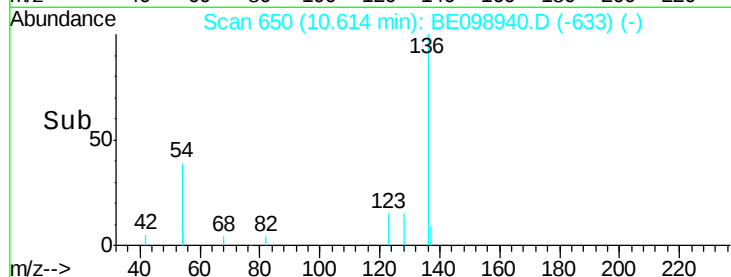


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

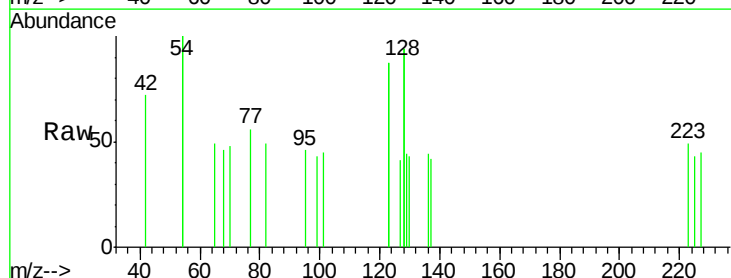
Tgt Ion: 82 Resp: 5

Ion Ratio Lower Upper

82 100

128 384.3 123.8 185.8#

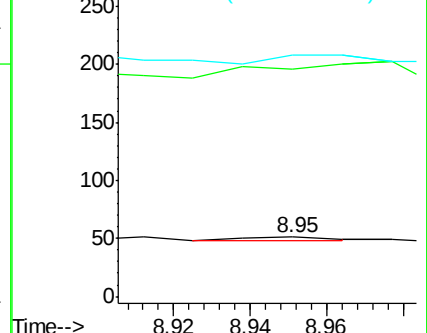
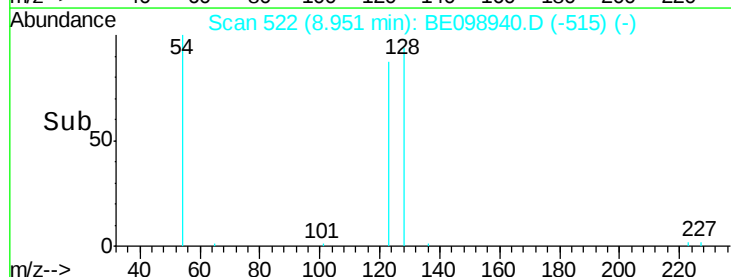
54 407.8 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.073 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.06 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

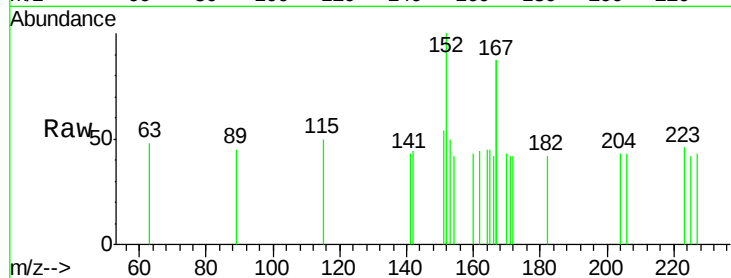
RE120D1-20190311DL

Tgt Ion:152 Resp: 387

Ion Ratio Lower Upper

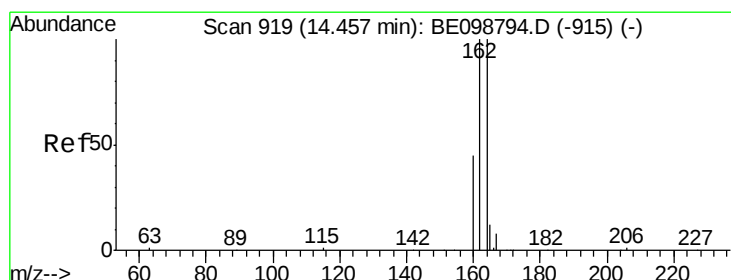
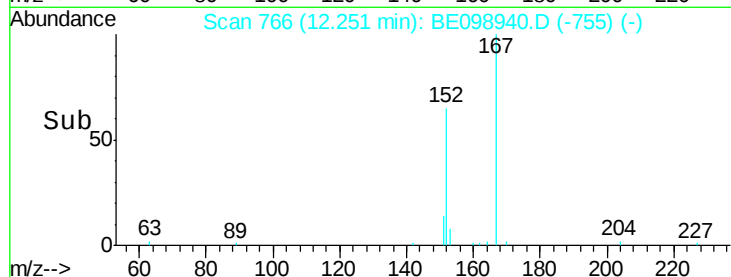
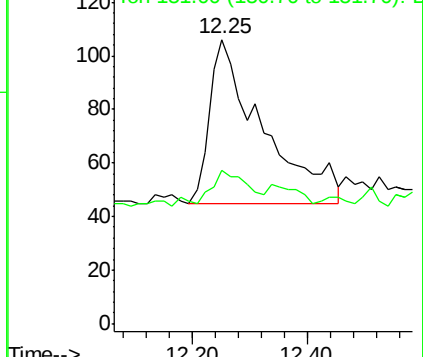
152 100

151 15.8 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: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

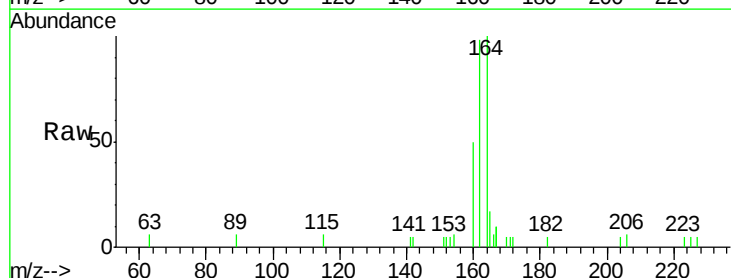
Tgt Ion:164 Resp: 2302

Ion Ratio Lower Upper

164 100

162 97.8 80.2 120.2

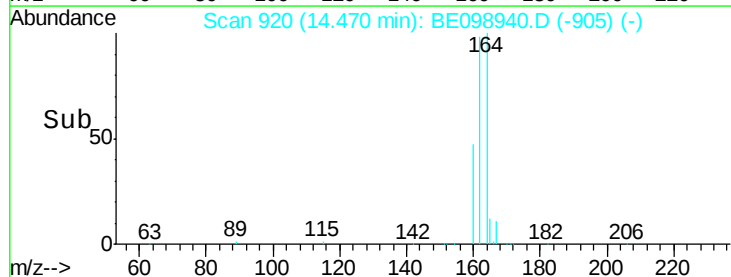
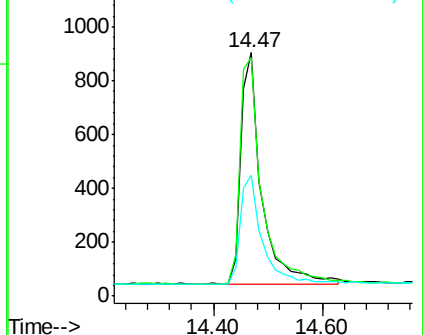
160 49.7 37.8 56.8



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: 0.041 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.03 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

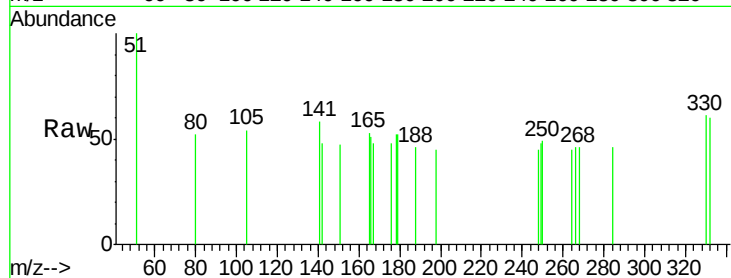
Tgt Ion:330 Resp: 48

Ion Ratio Lower Upper

330 100

332 122.9 77.6 116.4#

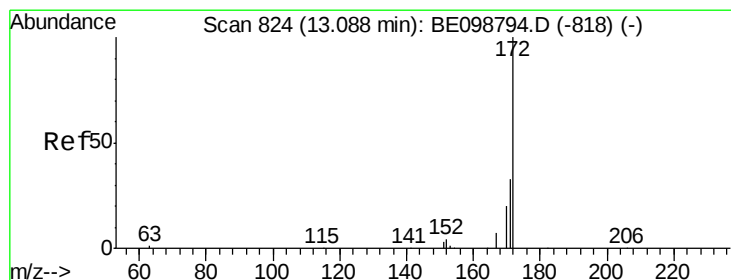
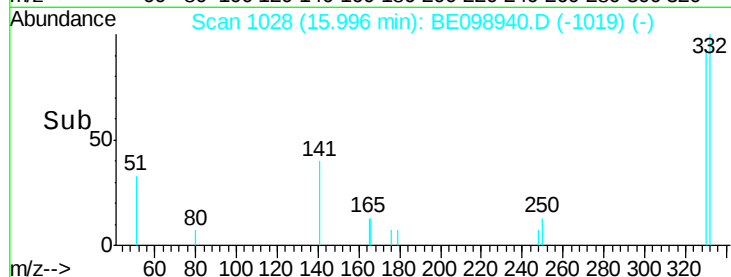
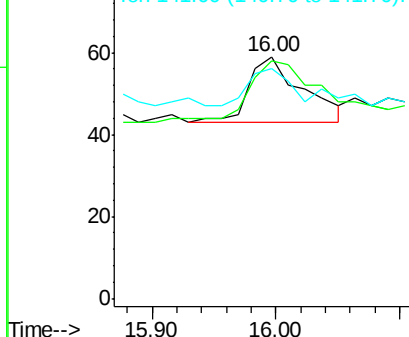
141 58.3 31.0 46.4#



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: 0.082 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.03 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

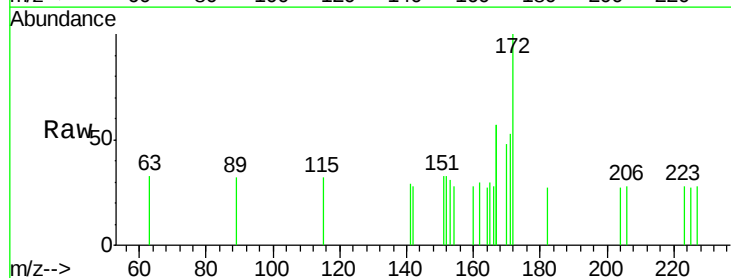
Tgt Ion:172 Resp: 781

Ion Ratio Lower Upper

172 100

171 53.1 28.0 42.0#

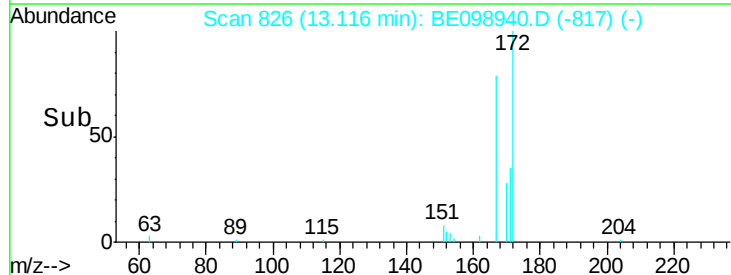
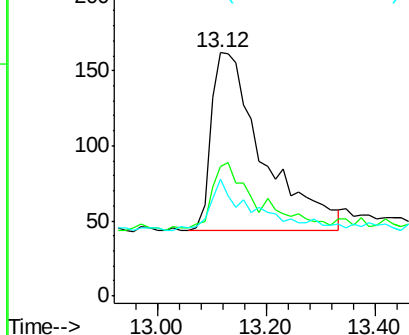
170 48.1 17.7 26.5#



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

Tgt Ion:188 Resp: 5440

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

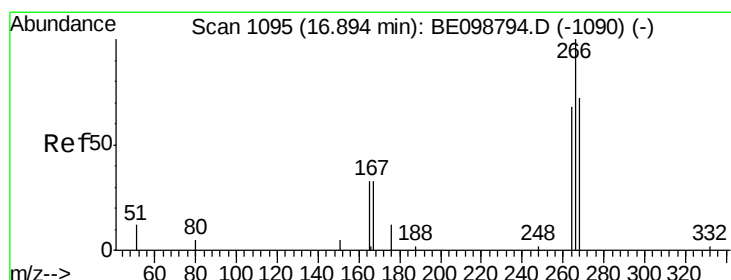
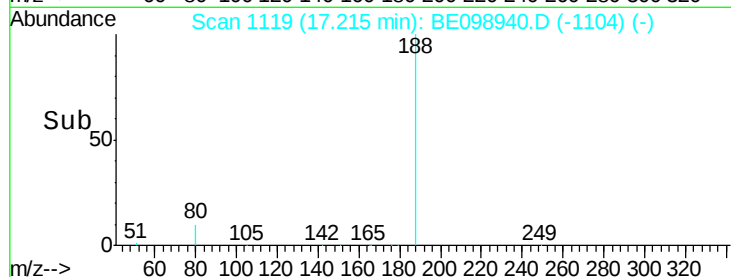
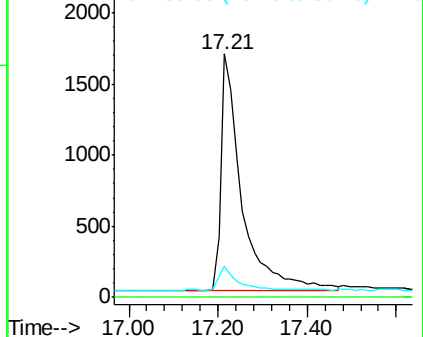
80 12.7 6.3 9.5#



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: 0.266 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

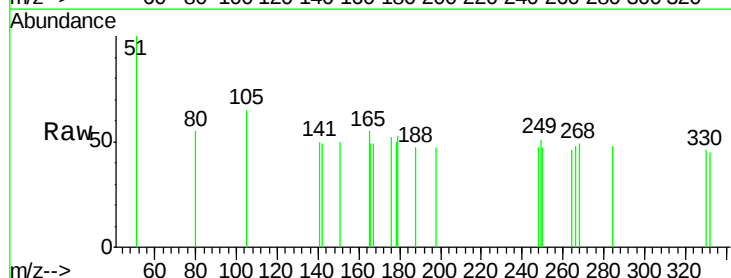
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

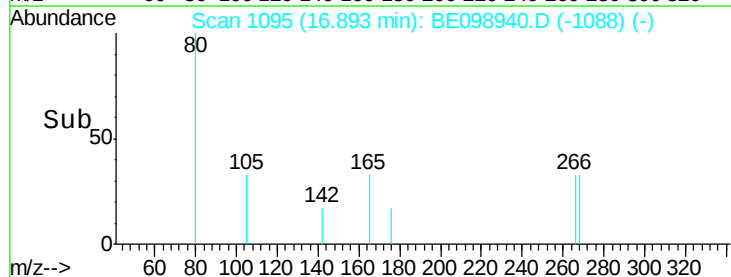
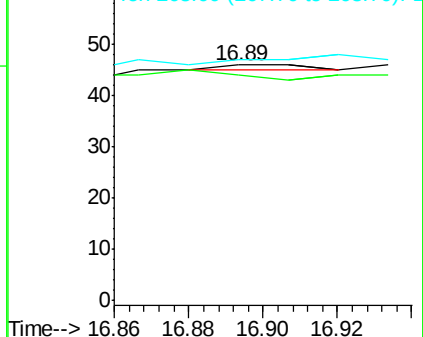
268 102.2 69.8 104.8

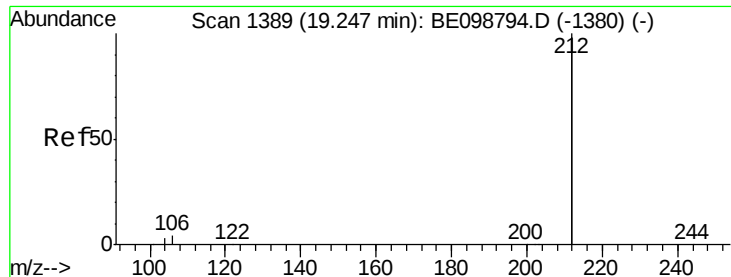


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

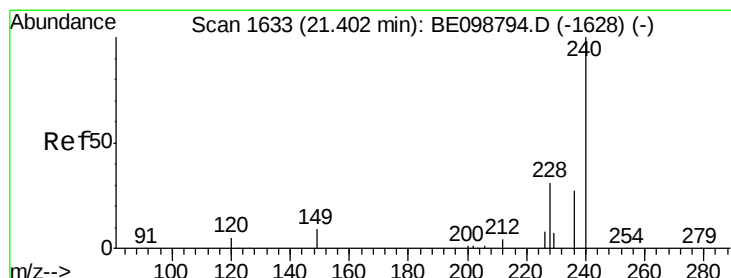
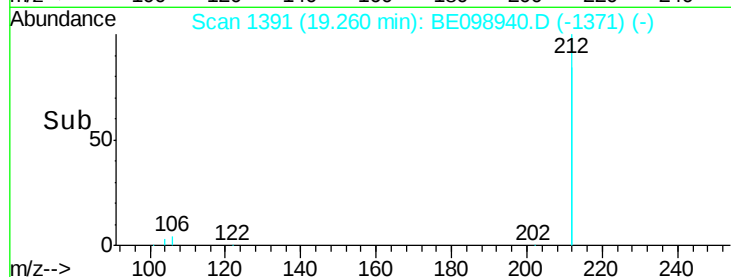
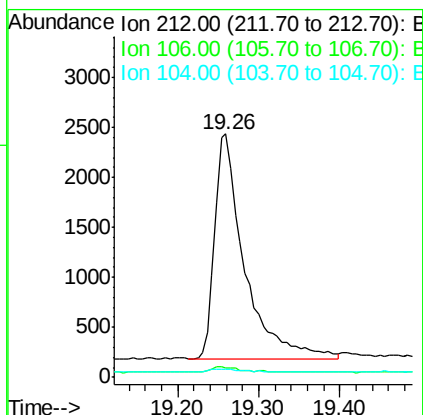
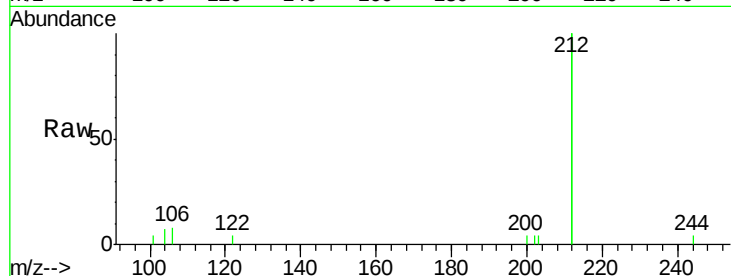




#25
 Fluoranthene-d10
 Concen: 0.066 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BE098940.D
 Acq: 14 Mar 2019 11:24

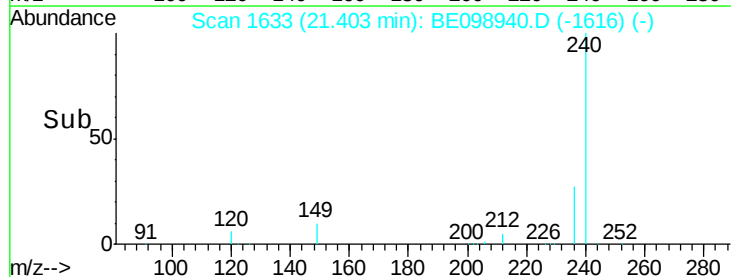
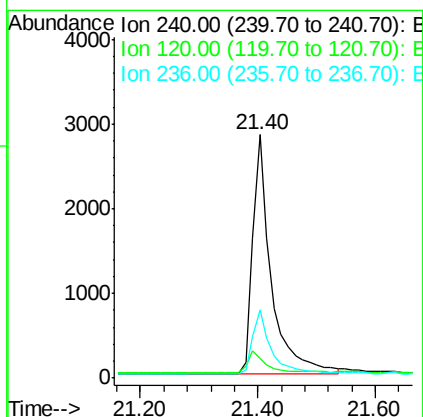
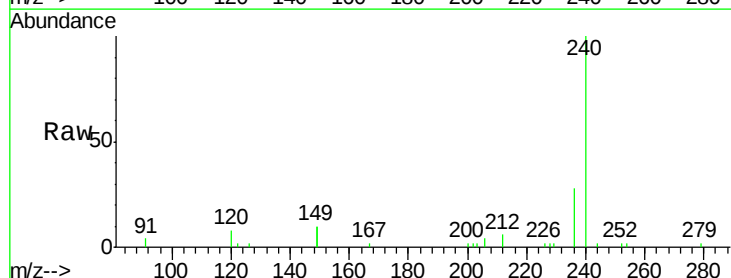
Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190311DL

Tgt Ion: 212 Resp: 5758
 Ion Ratio Lower Upper
 212 100
 106 2.6 1.8 2.8
 104 1.6 1.0 1.6#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098940.D
 Acq: 14 Mar 2019 11:24

Tgt Ion: 240 Resp: 6255
 Ion Ratio Lower Upper
 240 100
 120 8.2 5.0 7.4#
 236 28.0 22.7 34.1





#29

Terphenyl-d14

Concen: 0.089 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

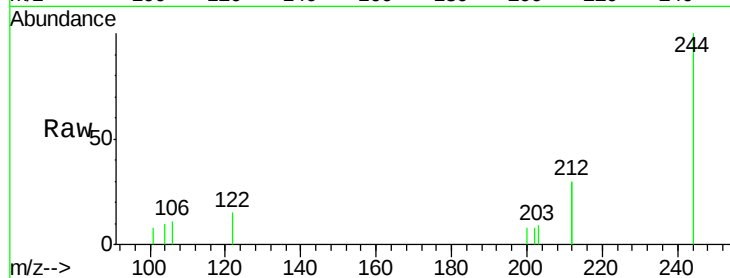
Tgt Ion:244 Resp: 1351

Ion Ratio Lower Upper

244 100

212 59.6 29.4 44.2#

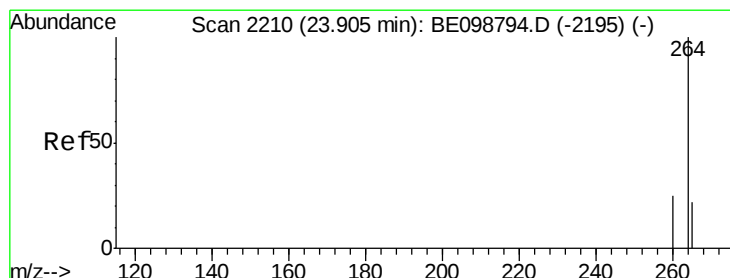
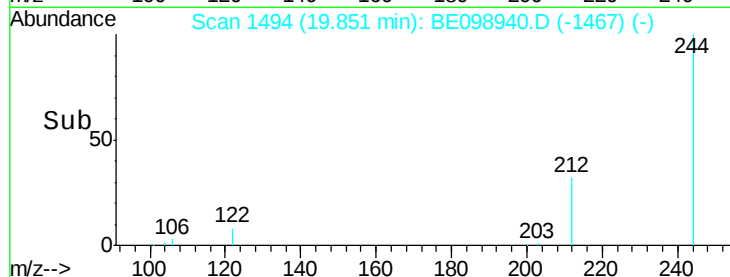
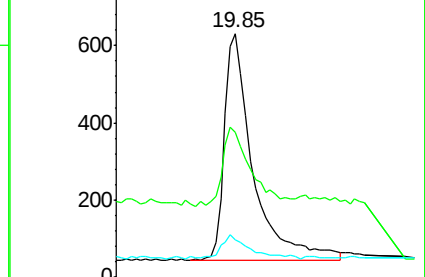
122 15.4 7.1 10.7#



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: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

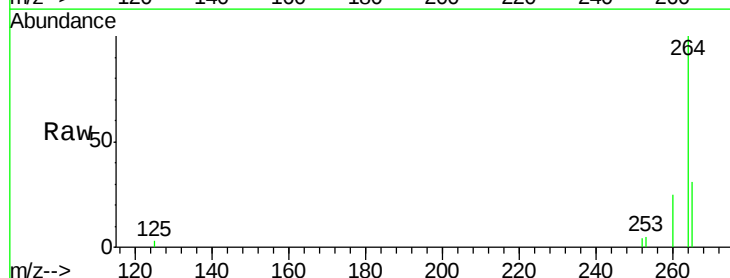
Tgt Ion:264 Resp: 6049

Ion Ratio Lower Upper

264 100

260 25.4 21.2 31.8

265 30.9 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

