

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098943.D
 Acq On : 14 Mar 2019 13:14
 Operator : JU/SJ
 Sample : K1860-08DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20190311DL

Quant Time: Mar 15 04:48:34 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

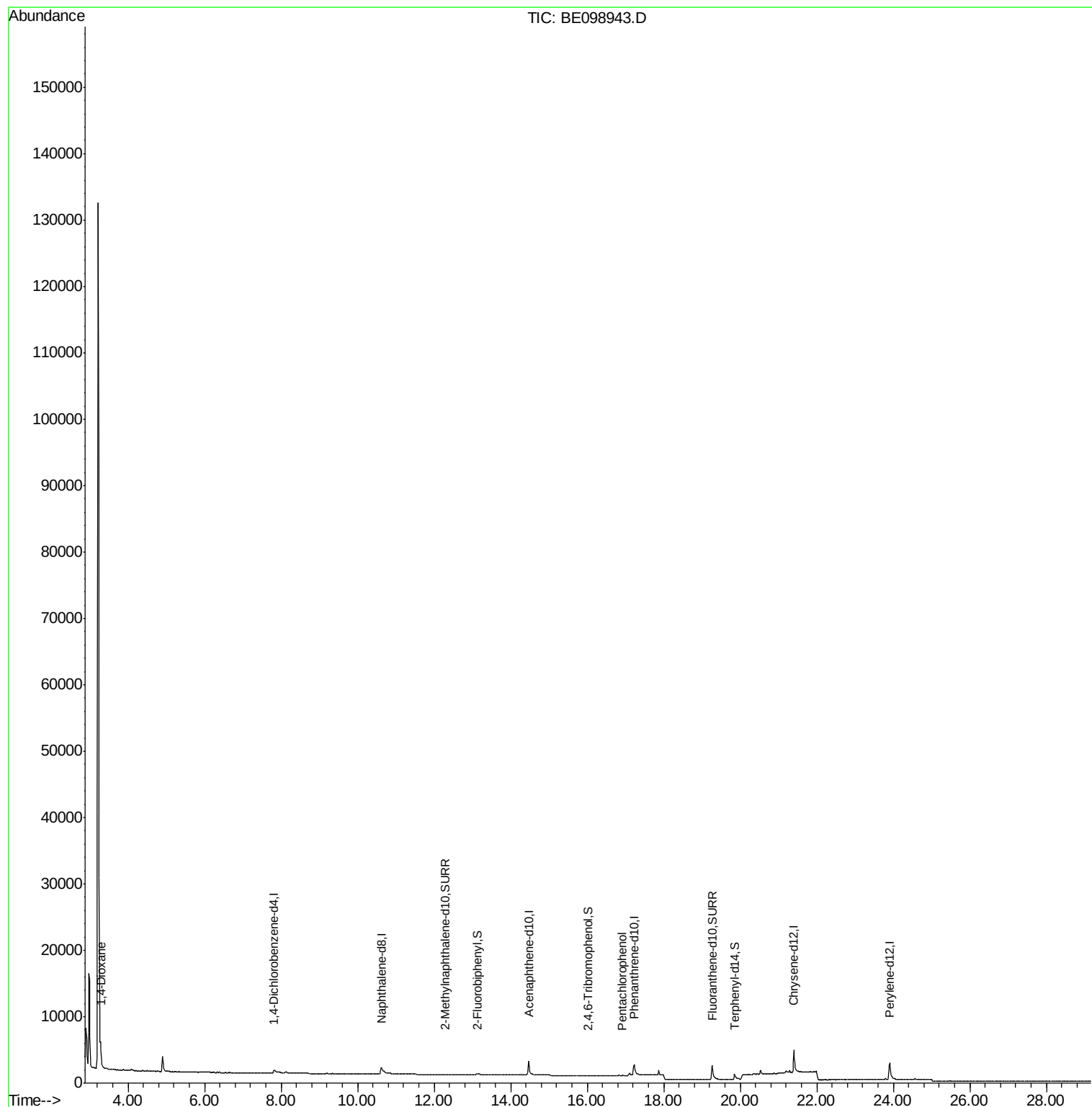
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	518	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2882	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2225	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5375	0.40	ng	0.01
27) Chrysene-d12	21.40	240	5850	0.40	ng	0.00
34) Perylene-d12	23.90	264	5688	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	10	0.01	ng	0.00
5) Phenol-d6	6.99	99	3	0.00	ng	0.00
8) Nitrobenzene-d5	8.98	82	9	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	12.28	152	354	0.07	ng	0.09
14) 2,4,6-Tribromophenol	16.01	330	40	0.04	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	667	0.07	ng	0.04
25) Fluoranthene-d10	19.26	212	5541	0.06	ng	0.02
29) Terphenyl-d14	19.85	244	1325	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	1549	1.838	ng	97
22) Pentachlorophenol	16.92	266	3	0.267	ng	85

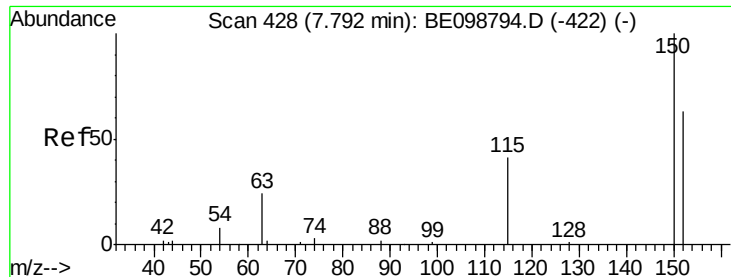
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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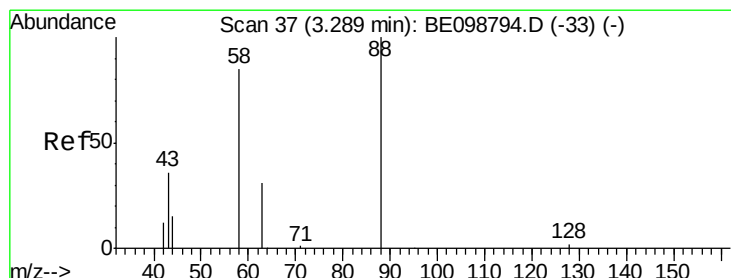
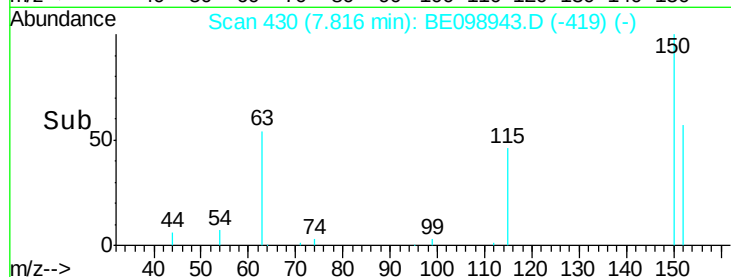
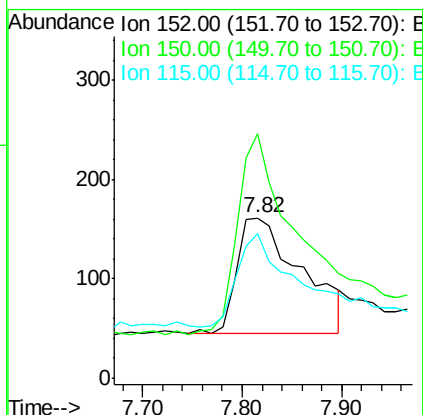
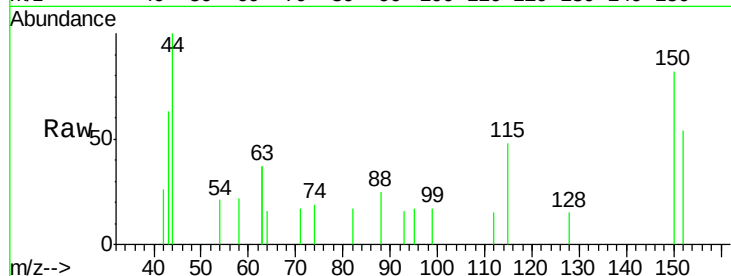


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE098943.D
Acq: 14 Mar 2019 13:14

Instrument :
BNA_E
ClientSampleId :
RE105D2-20190311DL

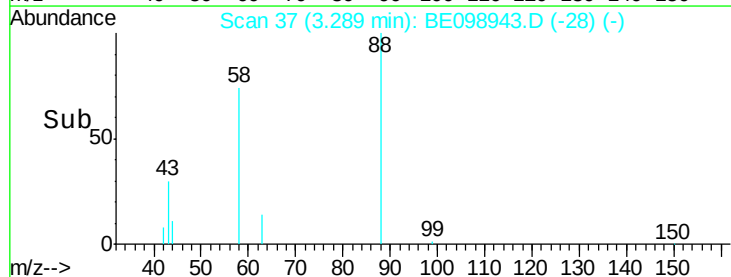
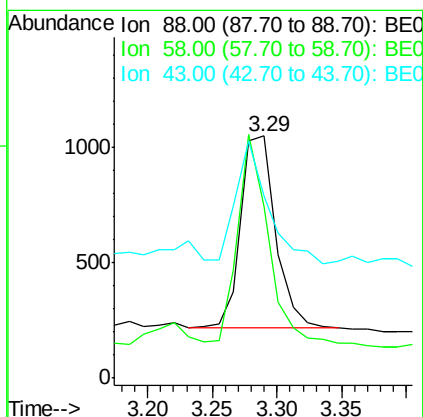
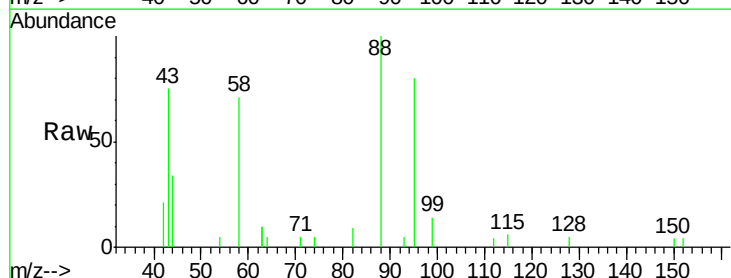
Tgt Ion:152 Resp: 518
Ion Ratio Lower Upper
152 100
150 152.8 122.5 183.7
115 90.1 57.4 86.2#

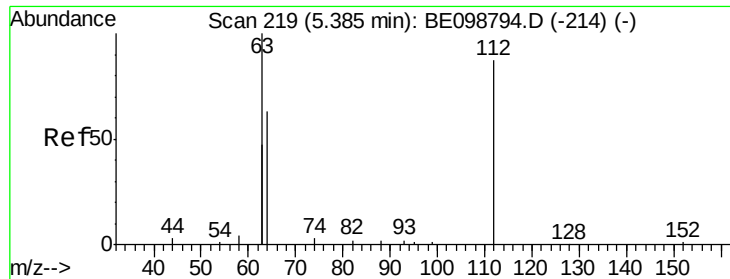


#2

1,4-Dioxane
Concen: 1.838 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098943.D
Acq: 14 Mar 2019 13:14

Tgt Ion: 88 Resp: 1549
Ion Ratio Lower Upper
88 100
58 94.4 75.8 113.6
43 58.6 41.8 62.8





#4

2-Fluorophenol

Concen: 0.006 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190311DL

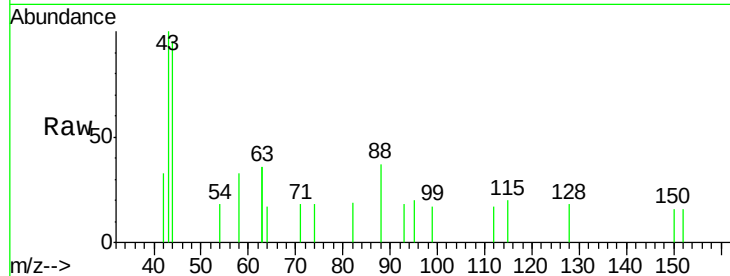
Tgt Ion: 112 Resp: 10

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

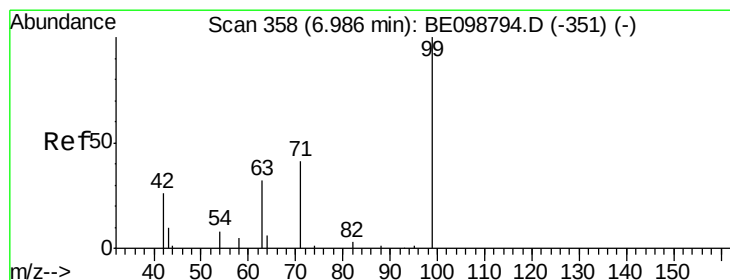
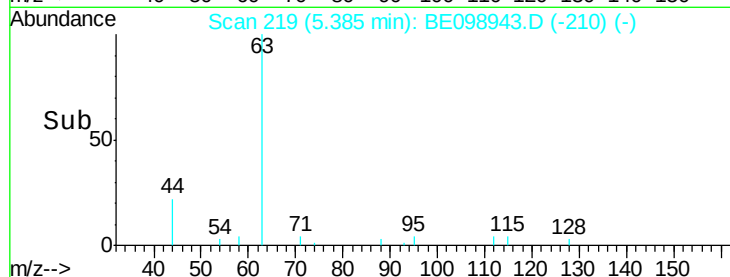
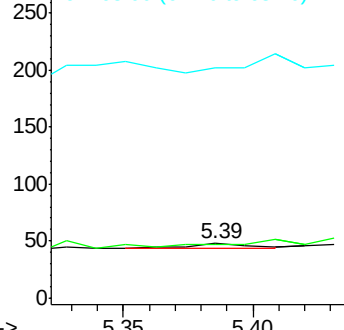
63 0.0 158.3 237.5#



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: 0.001 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

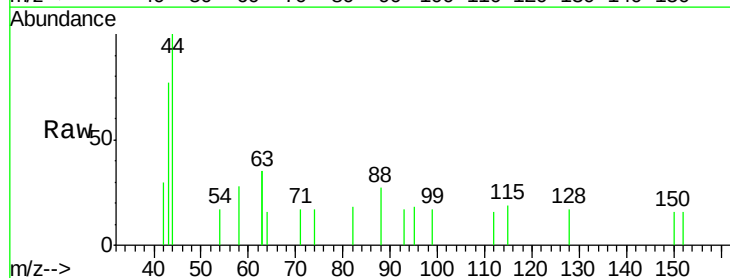
Tgt Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

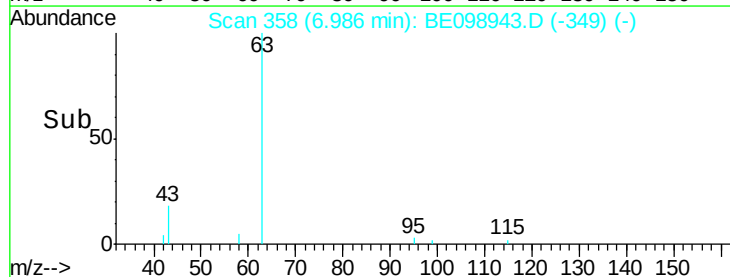
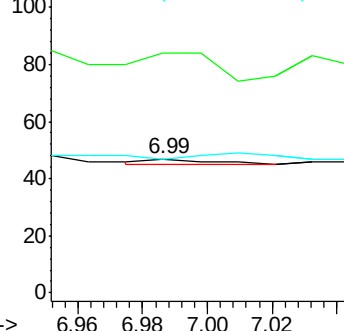
71 0.0 35.7 53.5#

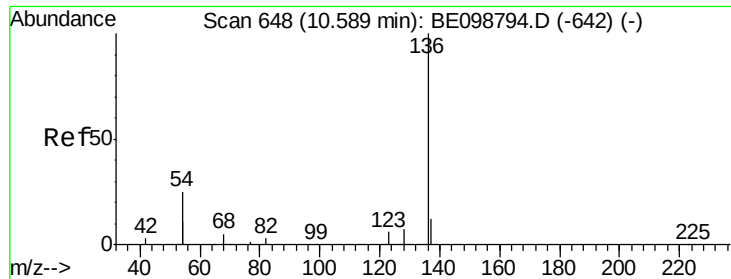


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. 0.02 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190311DL

Tgt Ion: 136 Resp: 2882

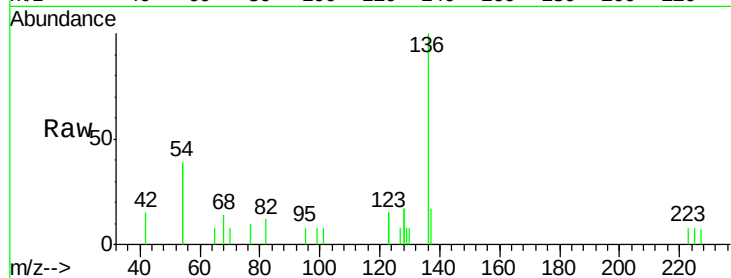
Ion Ratio Lower Upper

136 100

137 17.4 11.4 17.0#

54 77.4 39.3 58.9#

68 14.0 6.7 10.1#

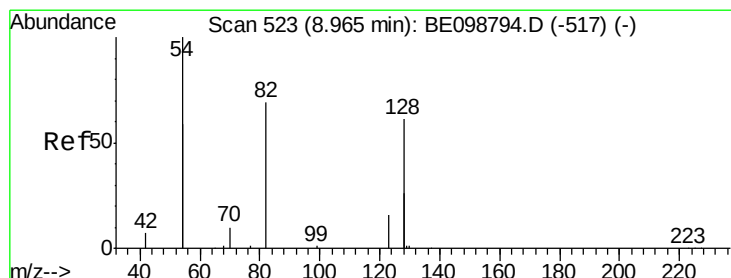
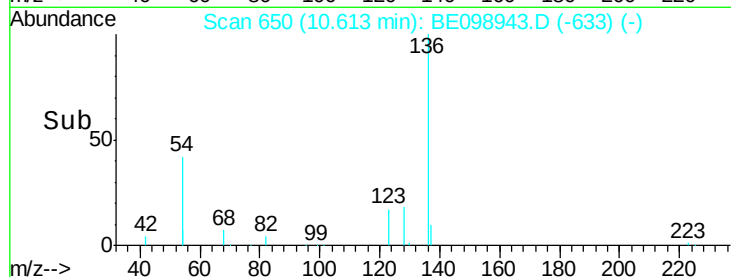
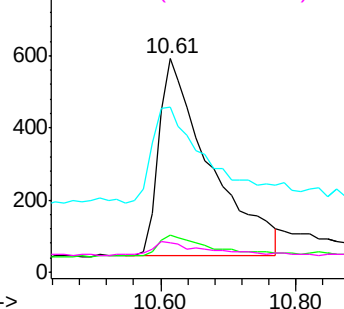


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.003 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

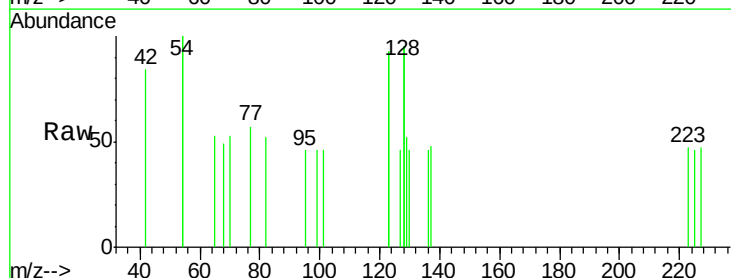
Tgt Ion: 82 Resp: 9

Ion Ratio Lower Upper

82 100

128 364.7 123.8 185.8#

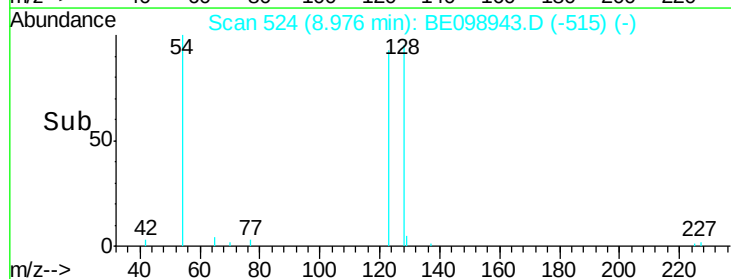
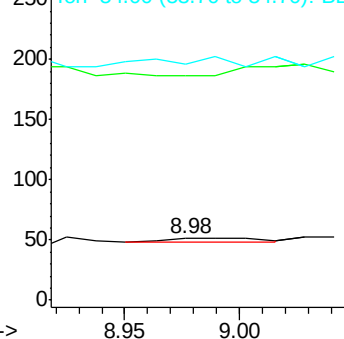
54 384.3 203.4 305.2#

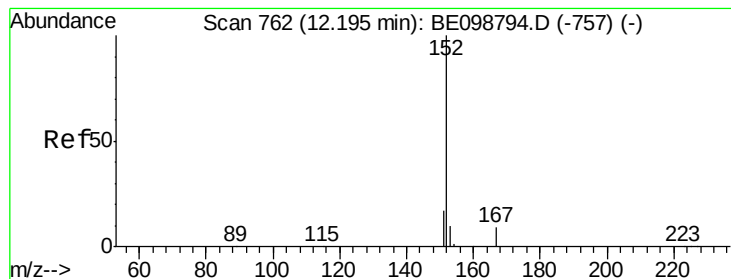


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.066 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.09 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

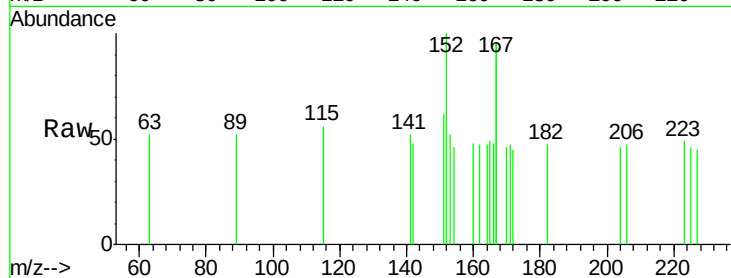
RE105D2-20190311DL

Tgt Ion:152 Resp: 354

Ion Ratio Lower Upper

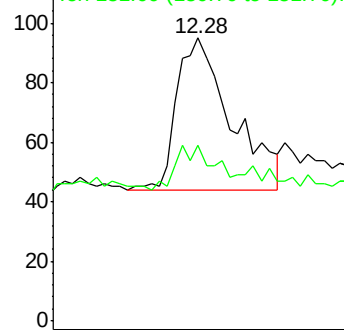
152 100

151 0.0 16.5 24.7#

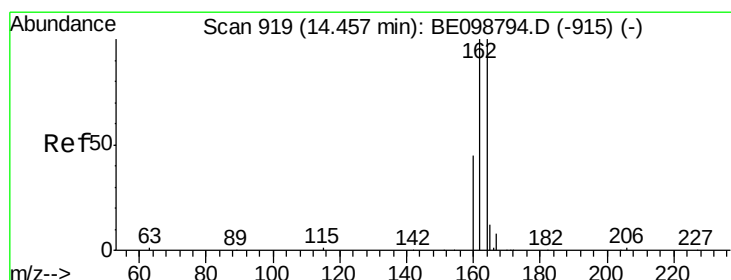
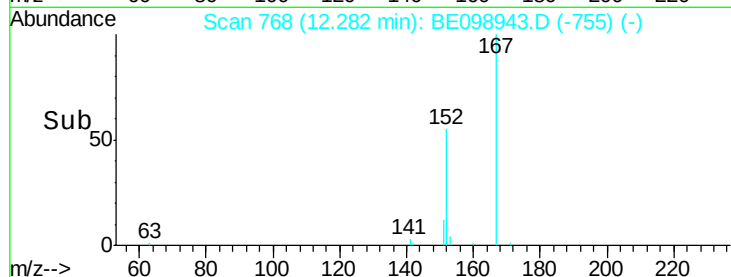


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.02 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

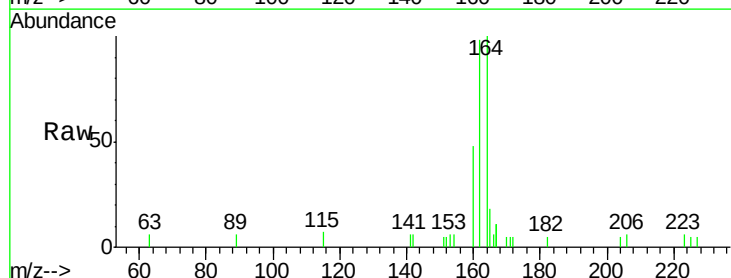
Tgt Ion:164 Resp: 2225

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.2

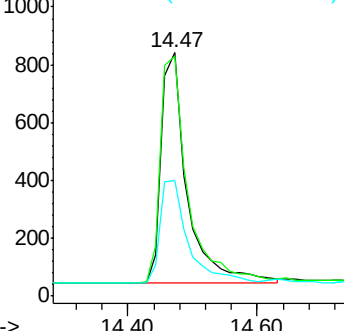
160 47.7 37.8 56.8



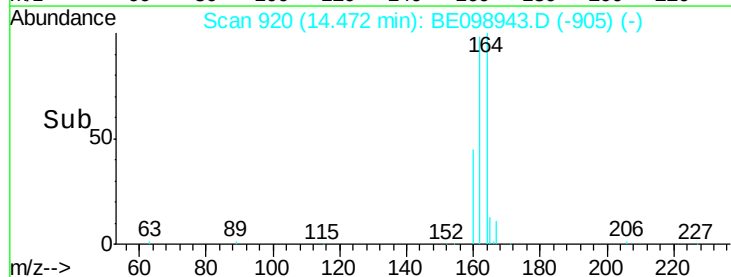
Abundance Ion 164.00 (163.70 to 164.70): E

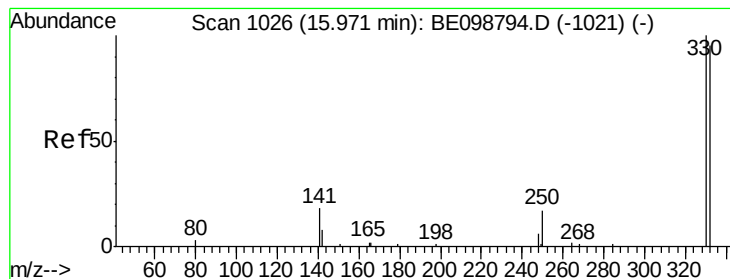
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

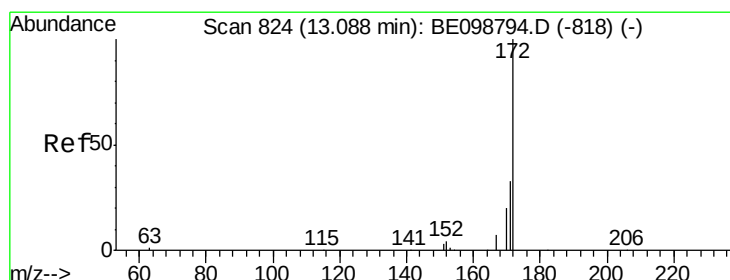
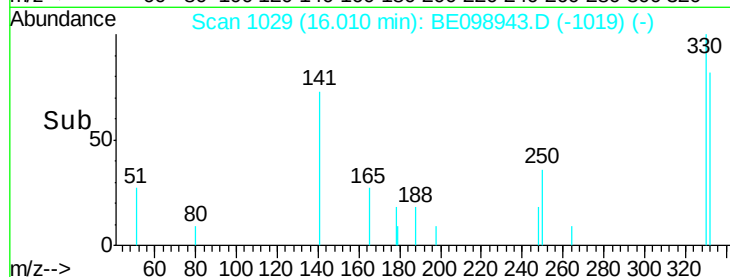
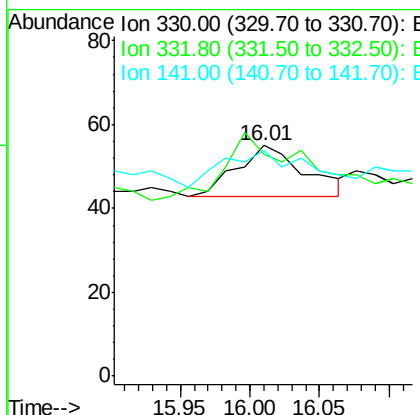
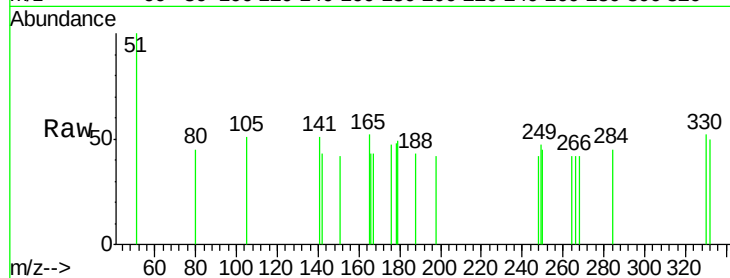




#14
 2,4,6-Tribromophenol
 Concen: 0.036 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE098943.D
 Acq: 14 Mar 2019 13:14

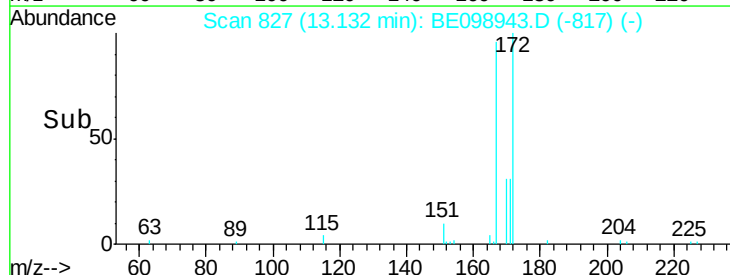
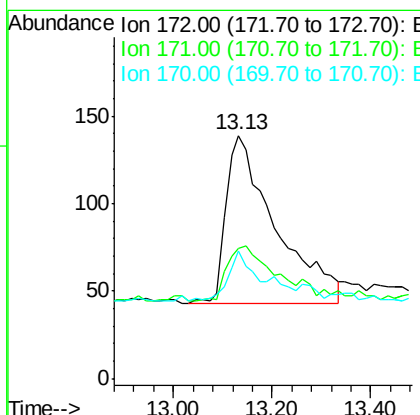
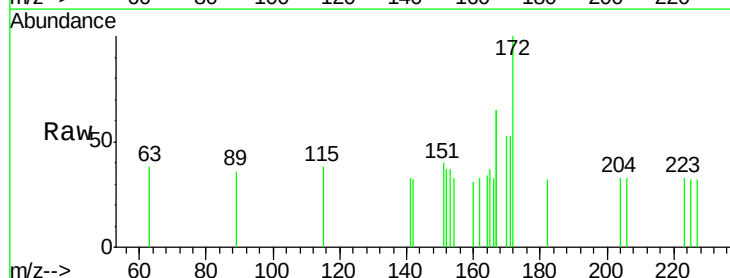
Instrument :
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 RE105D2-20190311DL

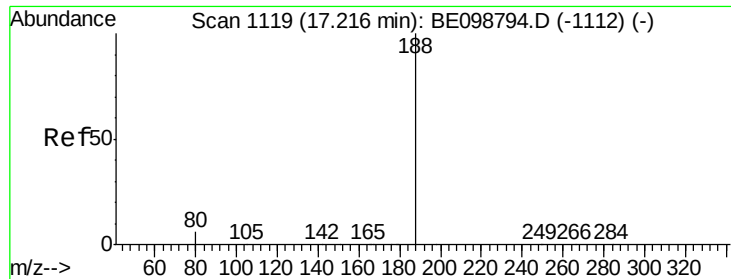
Tgt Ion: 330 Resp: 40
 Ion Ratio Lower Upper
 330 100
 332 207.5 77.6 116.4#
 141 95.0 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.072 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.04 min
 Lab File: BE098943.D
 Acq: 14 Mar 2019 13:14

Tgt Ion: 172 Resp: 667
 Ion Ratio Lower Upper
 172 100
 171 53.2 28.0 42.0#
 170 52.5 17.7 26.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190311DL

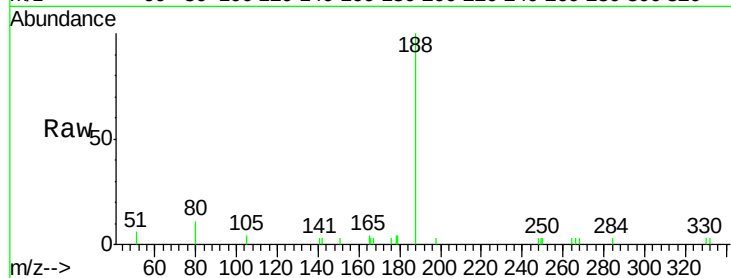
Tgt Ion:188 Resp: 5375

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

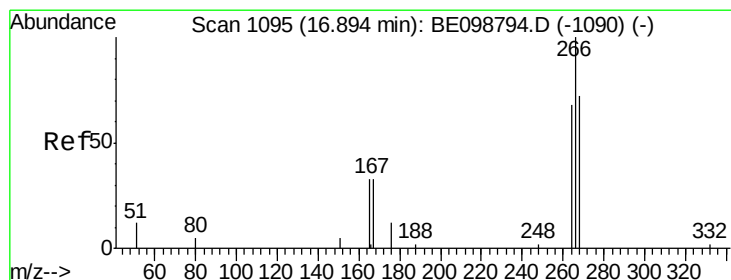
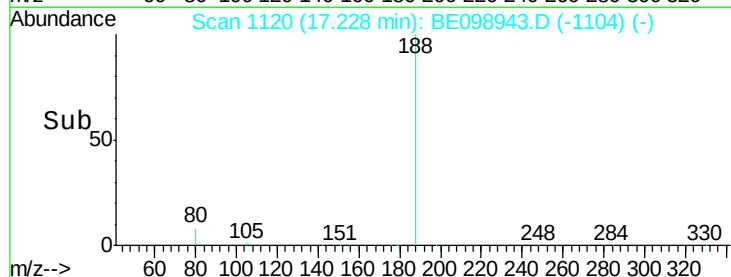
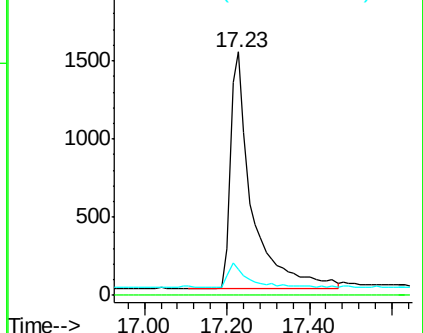
80 10.7 6.3 9.5#



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: 0.267 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

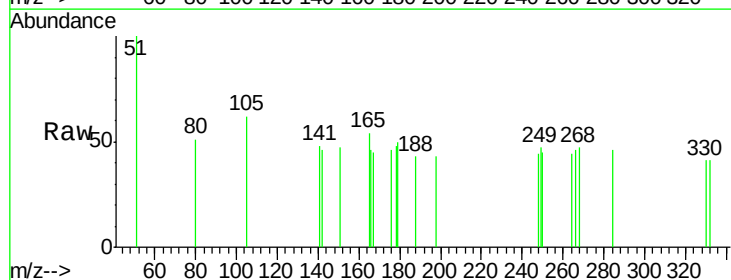
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

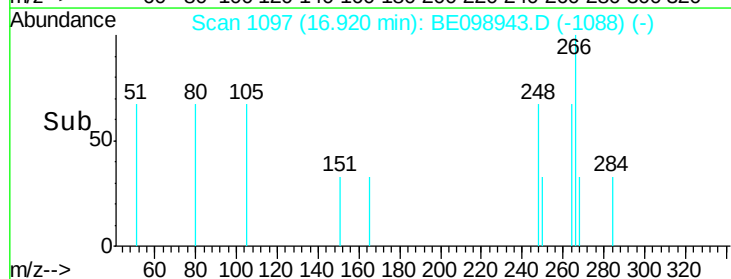
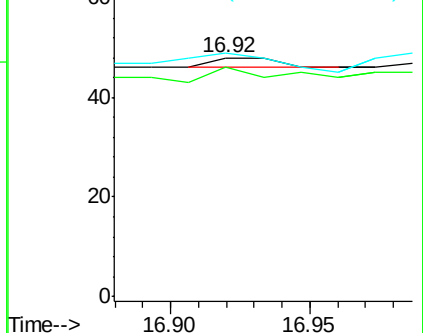
268 102.1 69.8 104.8

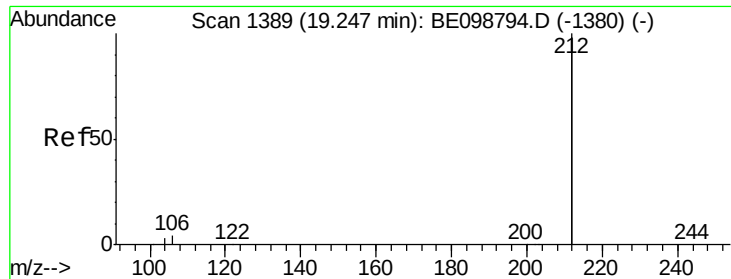


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.065 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

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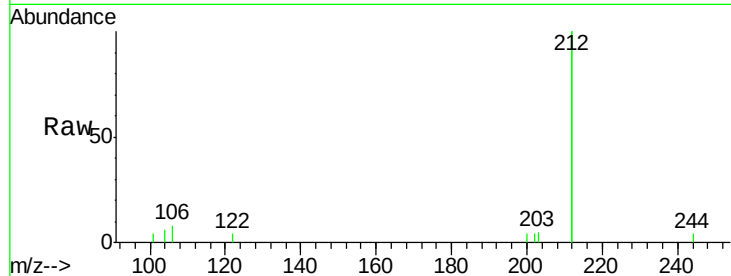
Tgt Ion:212 Resp: 5541

Ion Ratio Lower Upper

212 100

106 2.0 1.8 2.8

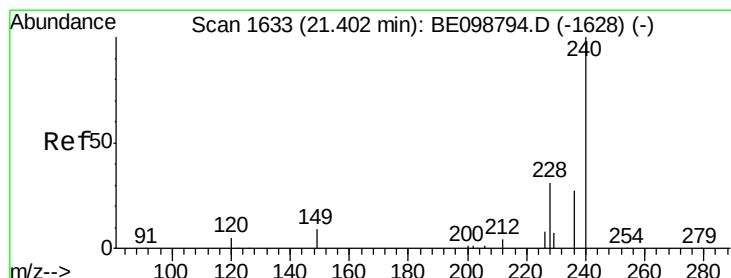
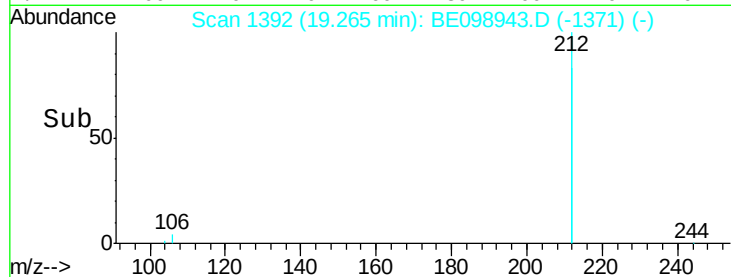
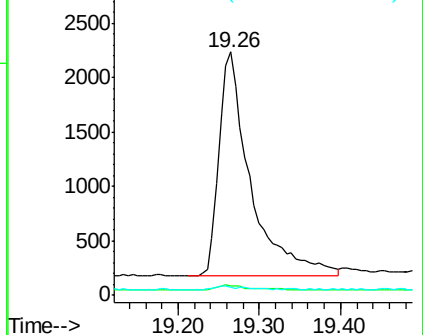
104 0.8 1.0 1.6#



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

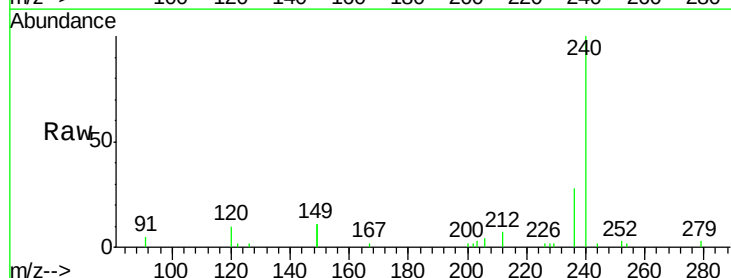
Tgt Ion:240 Resp: 5850

Ion Ratio Lower Upper

240 100

120 10.3 5.0 7.4#

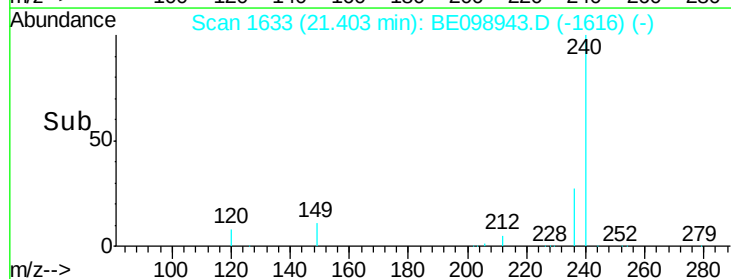
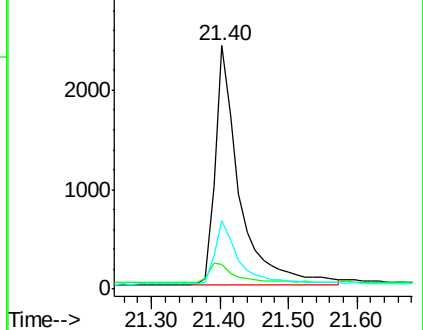
236 28.1 22.7 34.1

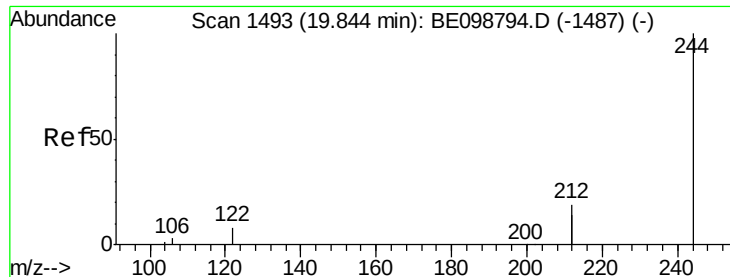


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.093 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190311DL

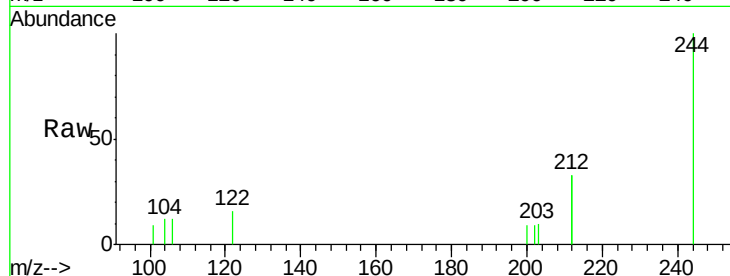
Tgt Ion:244 Resp: 1325

Ion Ratio Lower Upper

244 100

212 66.2 29.4 44.2#

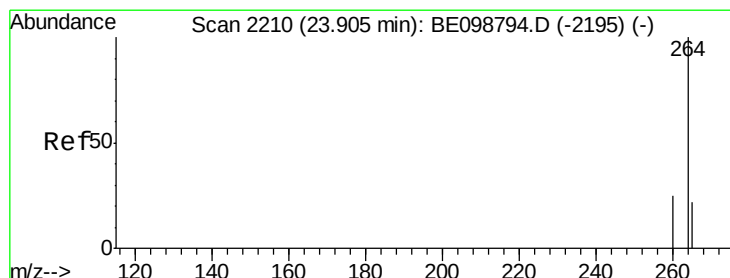
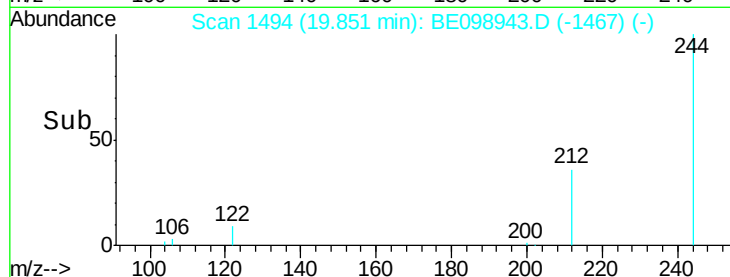
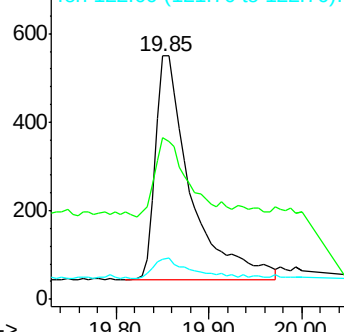
122 16.2 7.1 10.7#



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: BE098943.D

Acq: 14 Mar 2019 13:14

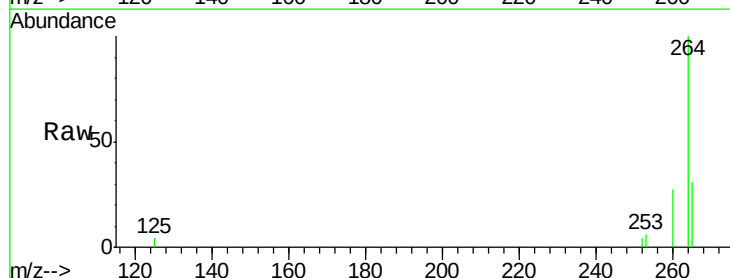
Tgt Ion:264 Resp: 5688

Ion Ratio Lower Upper

264 100

260 27.2 21.2 31.8

265 31.5 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

