

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
 Data File : BE098816.D
 Acq On : 7 Mar 2019 12:35
 Operator : JU/SJ
 Sample : PB117507BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117507BL

Quant Time: Mar 08 03:34:16 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

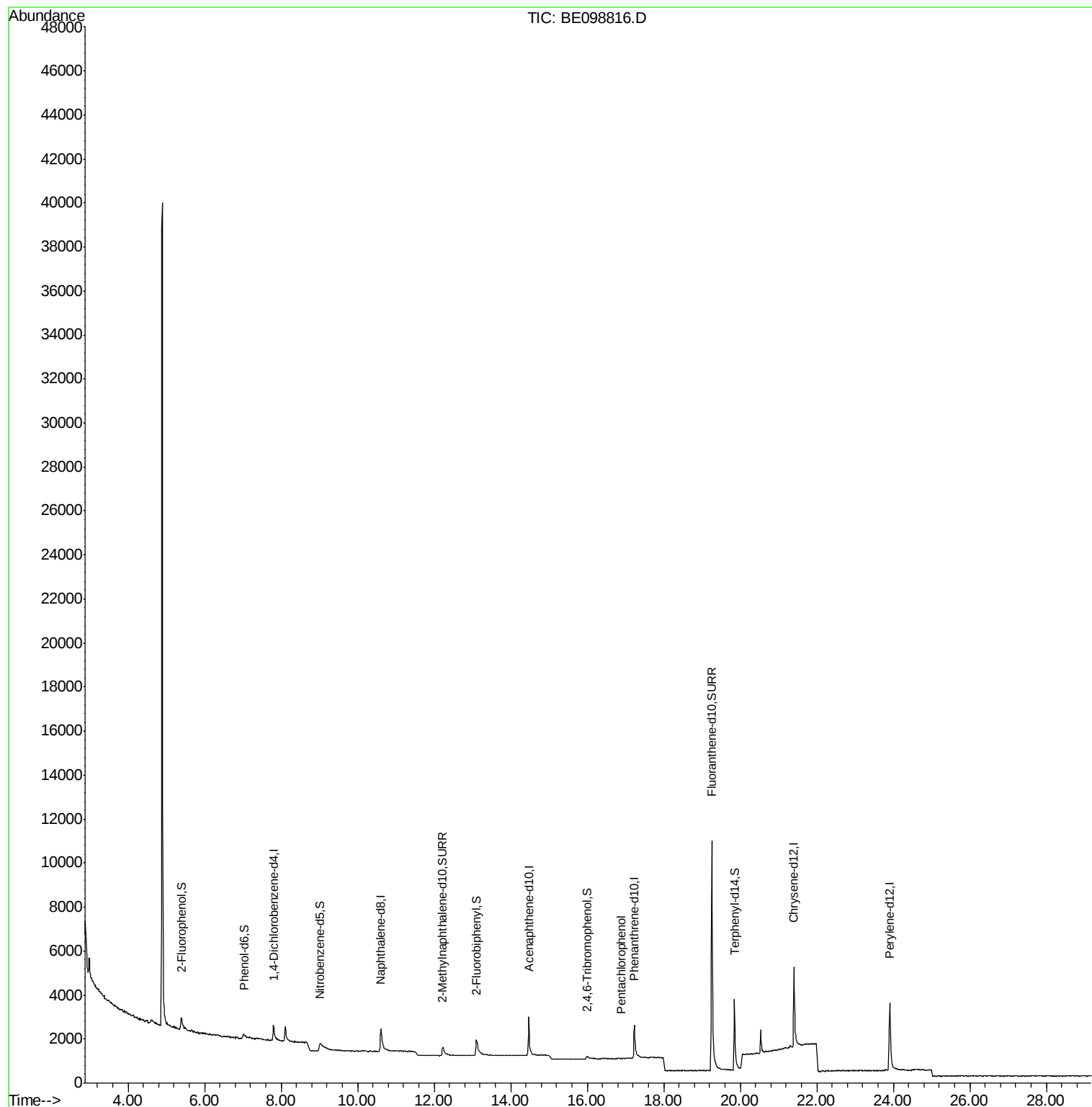
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	593	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2275	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1614	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4418	0.40	ng	0.01
27) Chrysene-d12	21.40	240	5952	0.40	ng	0.00
34) Perylene-d12	23.91	264	5870	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	569	0.32	ng	0.00
5) Phenol-d6	7.02	99	653	0.26	ng	0.04
8) Nitrobenzene-d5	9.02	82	593	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.22	152	1294	0.31	ng	0.03
14) 2,4,6-Tribromophenol	16.00	330	210	0.26	ng	0.03
15) 2-Fluorobiphenyl	13.10	172	1935	0.29	ng	0.01
25) Fluoranthene-d10	19.25	212	22224	0.32	ng	0.00
29) Terphenyl-d14	19.85	244	4536	0.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	20	Below Cal		Qvalue # 11
22) Pentachlorophenol	16.88	266	11	0.276 ng		85

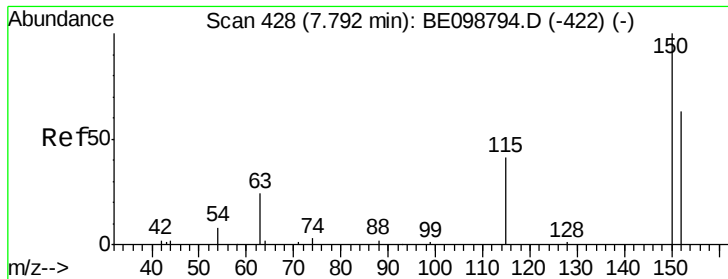
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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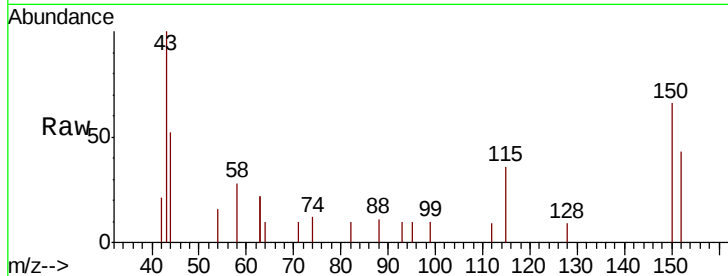


#1

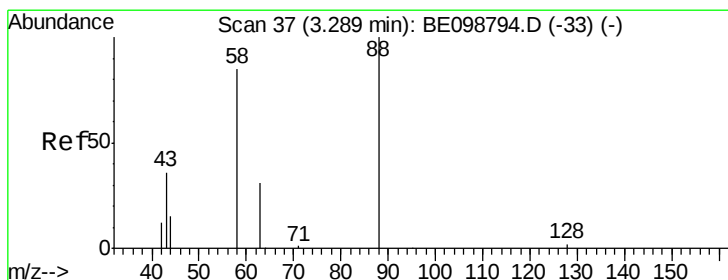
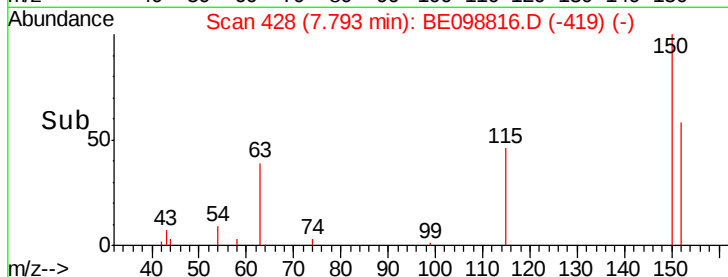
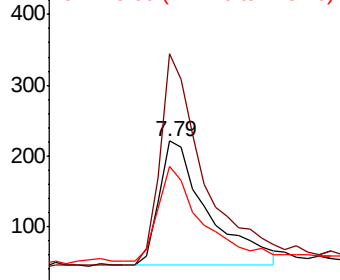
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098816.D
Acq: 7 Mar 2019 12:35

Instrument :
BNA_E
ClientSampleId :
PB117507BL

Tgt Ion: 152 Resp: 593
Ion Ratio Lower Upper
152 100
150 155.7 122.5 183.7
115 83.7 57.4 86.2



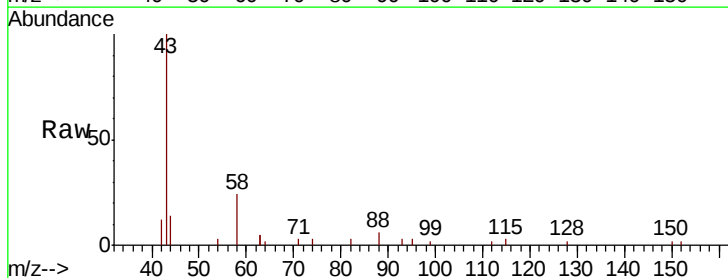
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



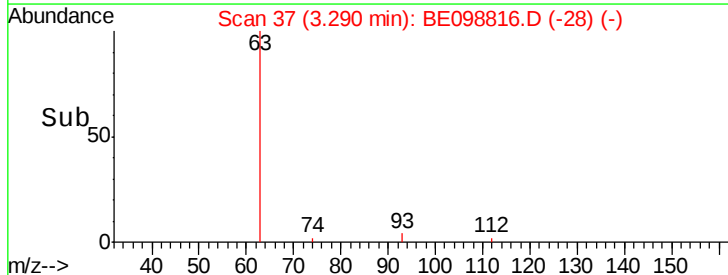
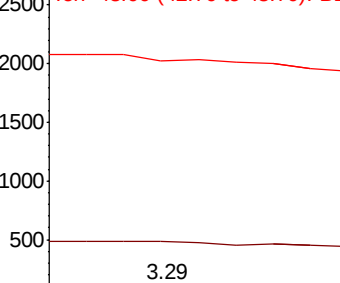
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098816.D
Acq: 7 Mar 2019 12:35

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 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: 0.321 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098816.D

Acq: 7 Mar 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB117507BL

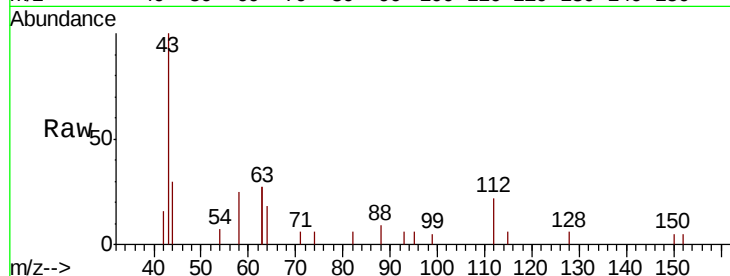
Tgt Ion: 112 Resp: 569

Ion Ratio Lower Upper

112 100

64 72.4 57.9 86.9

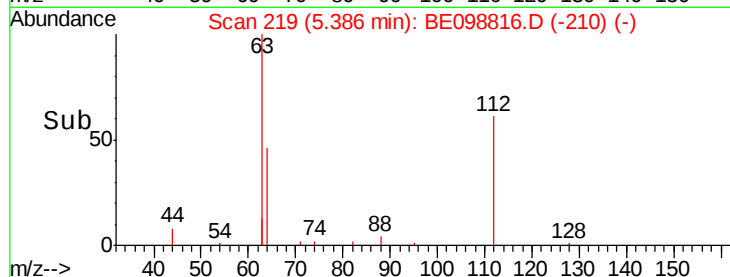
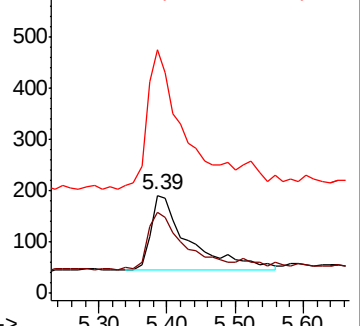
63 176.6 158.3 237.5



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: 0.261 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098816.D

Acq: 7 Mar 2019 12:35

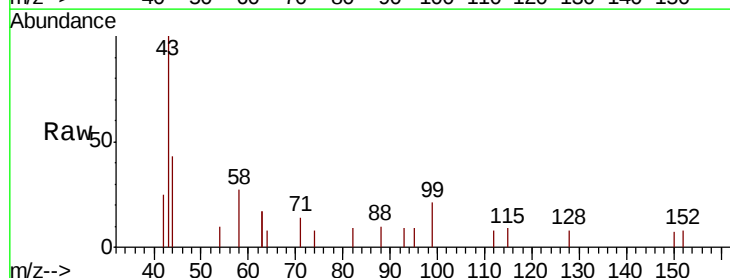
Tgt Ion: 99 Resp: 653

Ion Ratio Lower Upper

99 100

42 13.9 24.2 36.2#

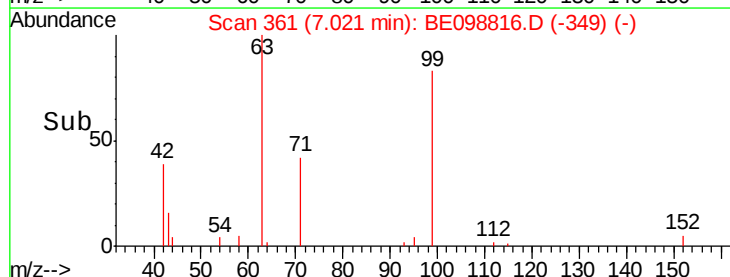
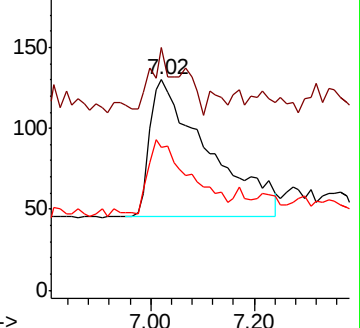
71 37.8 35.7 53.5



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098816.D

Acq: 7 Mar 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB117507BL

Tgt Ion: 136 Resp: 2275

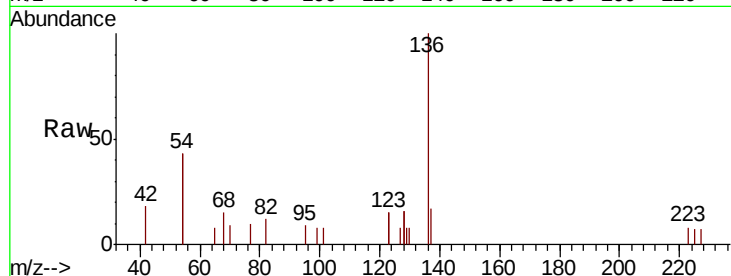
Ion Ratio Lower Upper

136 100

137 17.5 11.4 17.0#

54 85.5 39.3 58.9#

68 14.8 6.7 10.1#

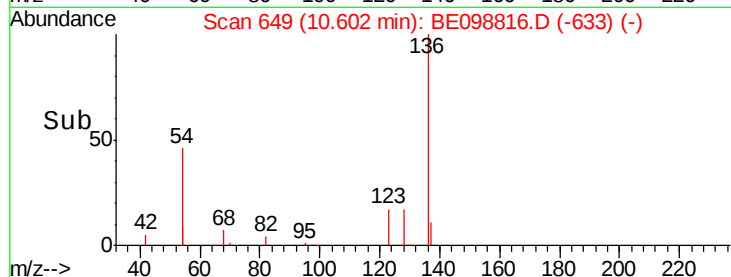
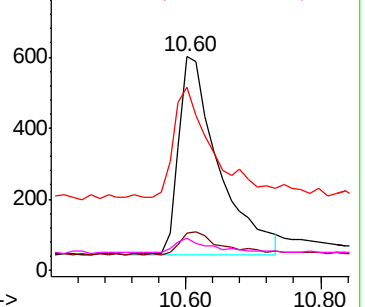


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.249 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098816.D

Acq: 7 Mar 2019 12:35

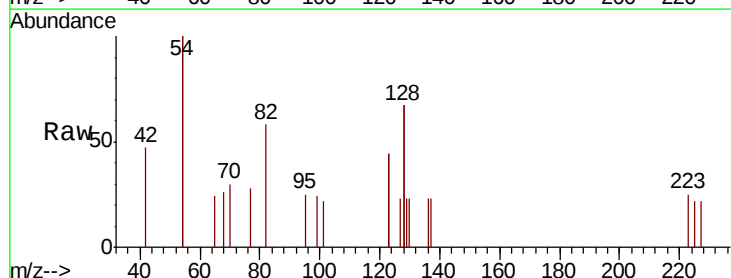
Tgt Ion: 82 Resp: 593

Ion Ratio Lower Upper

82 100

128 230.5 123.8 185.8#

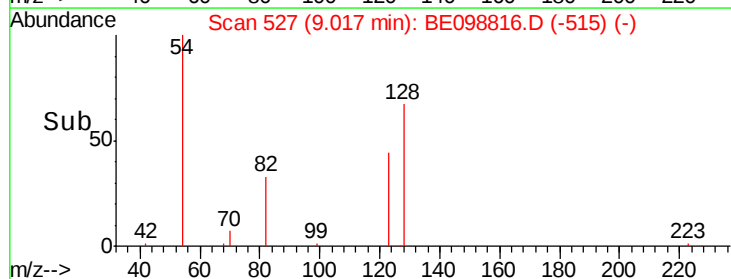
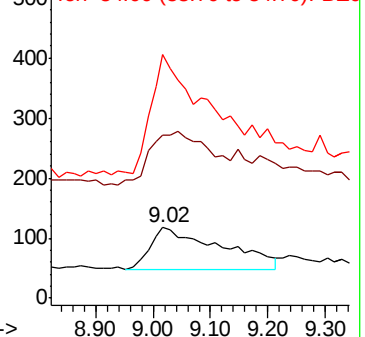
54 344.1 203.4 305.2#

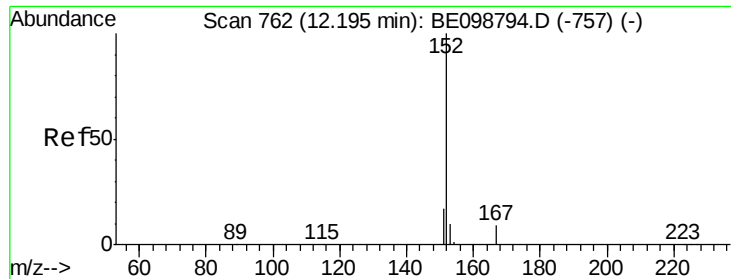


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

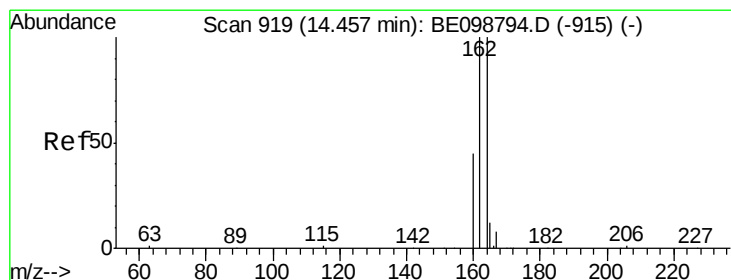
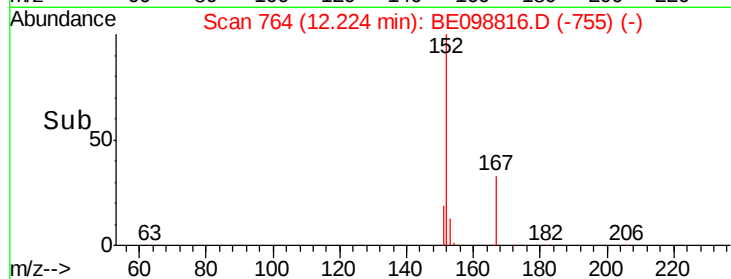
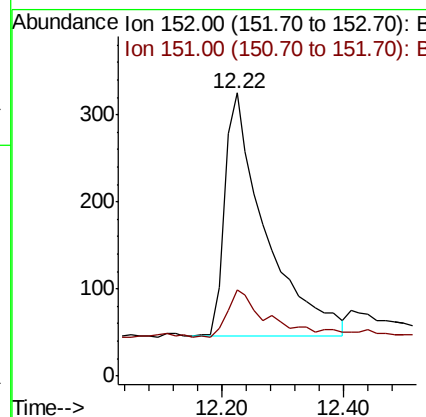
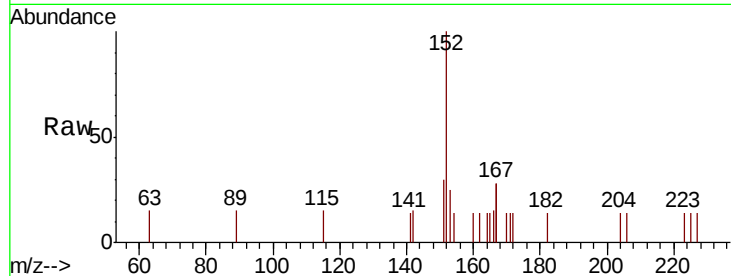




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.03 min
Lab File: BE098816.D
Acq: 7 Mar 2019 12:35

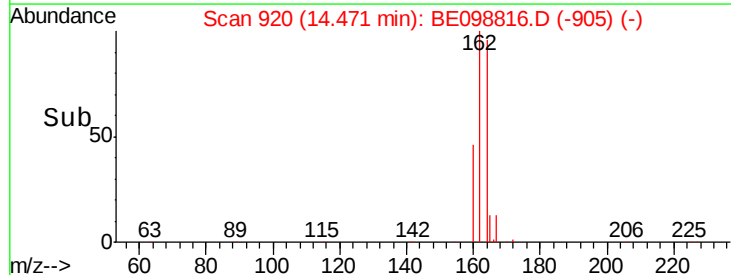
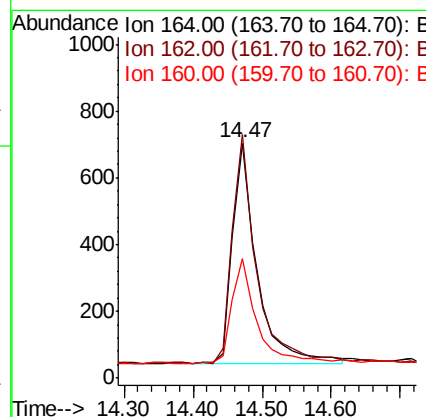
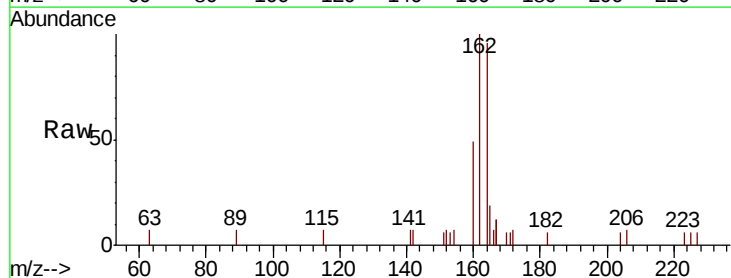
Instrument :
BNA_E
ClientSampleId :
PB117507BL

Tgt Ion:152 Resp: 1294
Ion Ratio Lower Upper
152 100
151 19.6 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098816.D
Acq: 7 Mar 2019 12:35

Tgt Ion:164 Resp: 1614
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 51.1 37.8 56.8

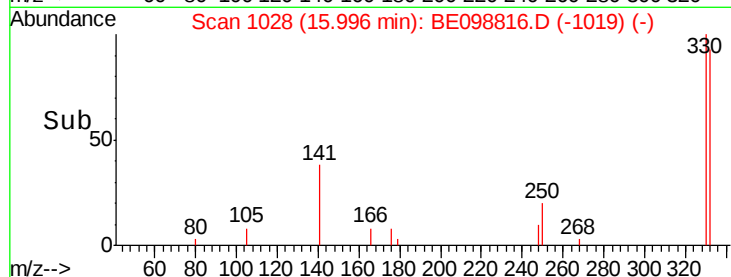
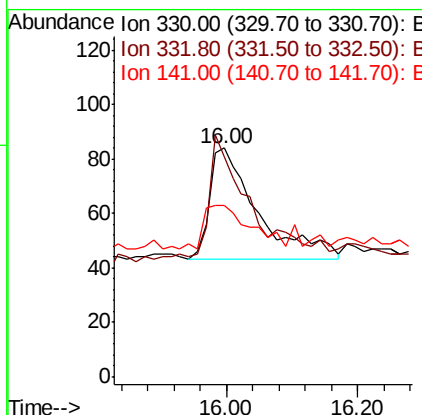
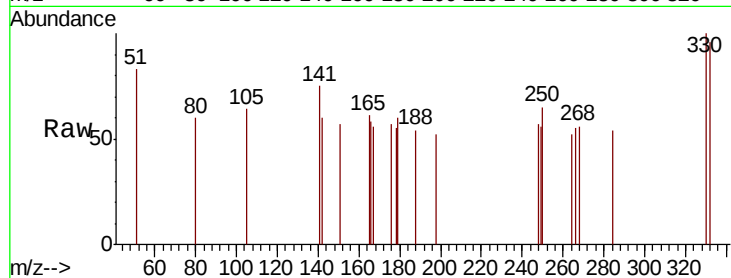




#14
 2,4,6-Tribromophenol
 Concen: 0.258 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.03 min
 Lab File: BE098816.D
 Acq: 7 Mar 2019 12:35

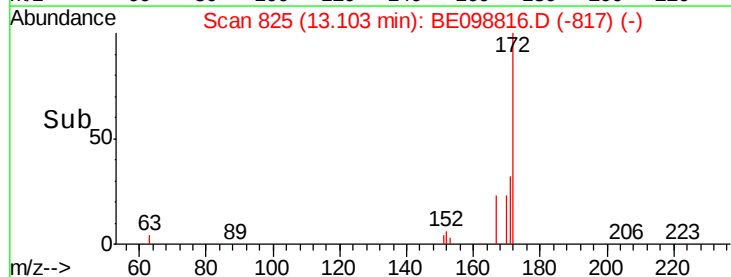
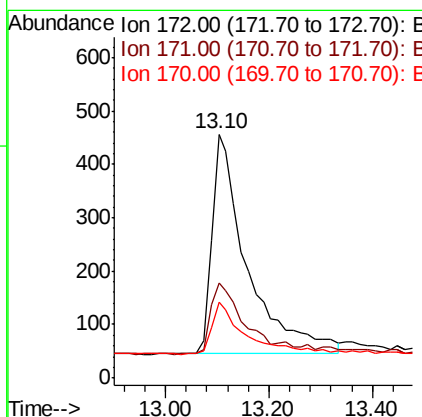
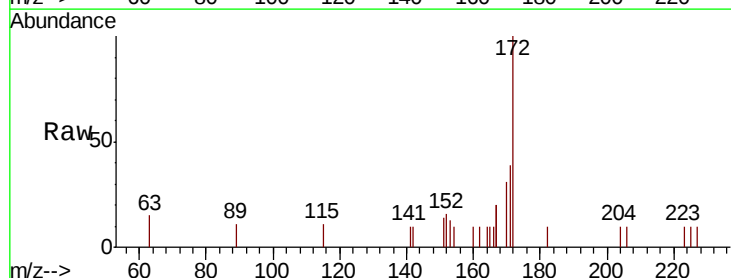
Instrument :
 BNA_E
 ClientSampleId :
 PB117507BL

Tgt Ion: 330 Resp: 210
 Ion Ratio Lower Upper
 330 100
 332 88.6 77.6 116.4
 141 37.6 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.290 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098816.D
 Acq: 7 Mar 2019 12:35

Tgt Ion: 172 Resp: 1935
 Ion Ratio Lower Upper
 172 100
 171 39.0 28.0 42.0
 170 30.9 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: BE098816.D

Acq: 7 Mar 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB117507BL

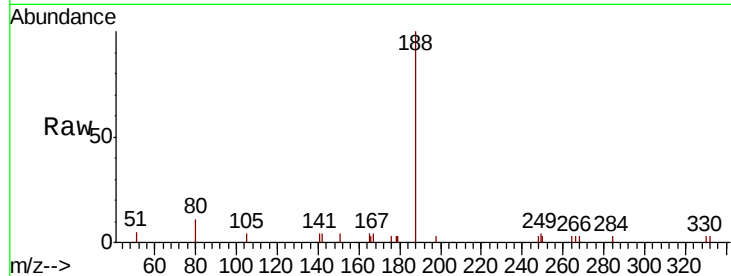
Tgt Ion:188 Resp: 4418

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

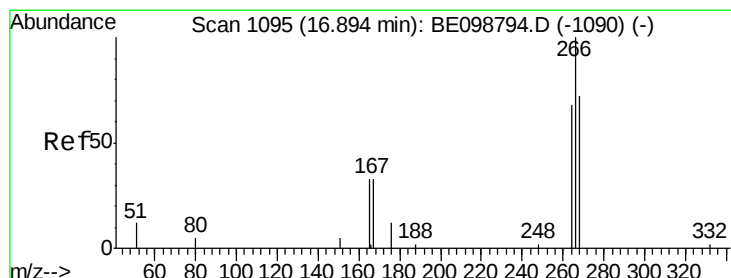
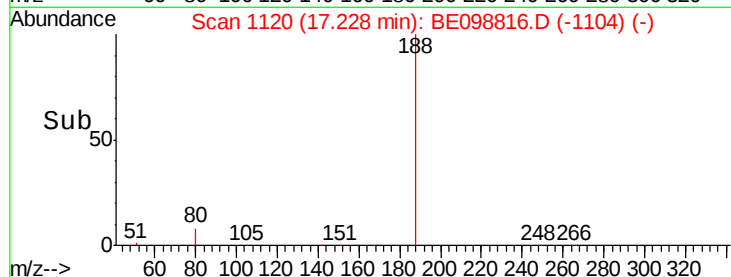
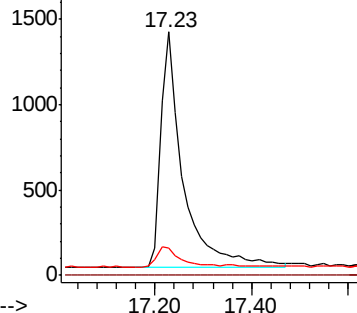
80 11.3 6.3 9.5#



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: 0.276 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098816.D

Acq: 7 Mar 2019 12:35

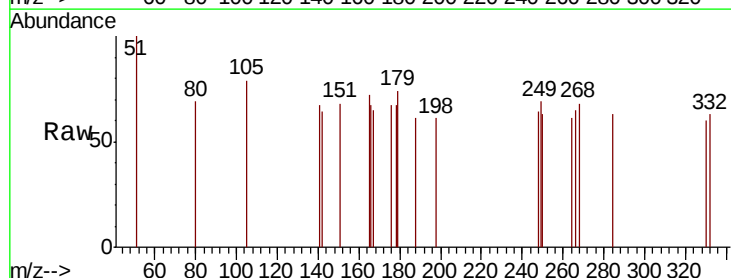
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 93.6 66.6 100.0

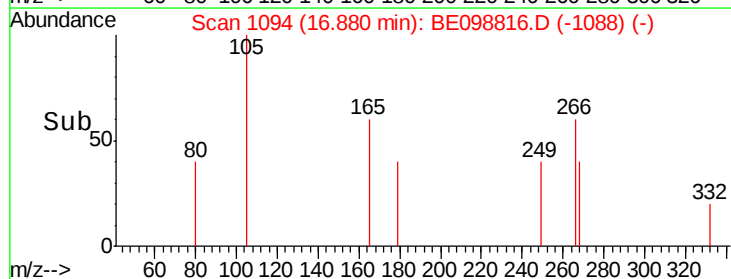
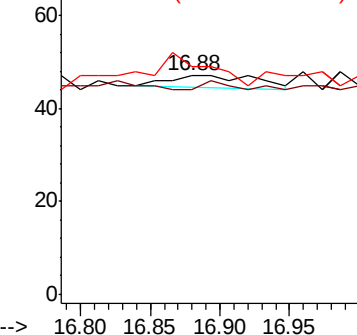
268 104.3 69.8 104.8



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: 0.315 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE098816.D

Acq: 7 Mar 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB117507BL

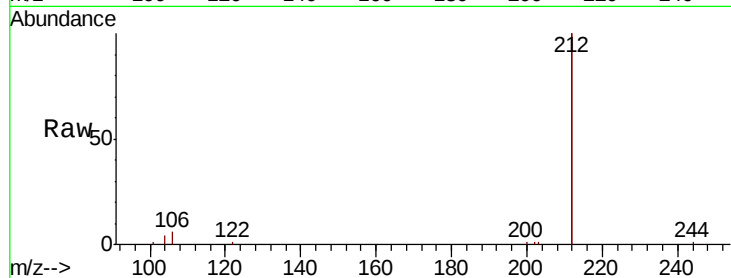
Tgt Ion:212 Resp: 22224

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

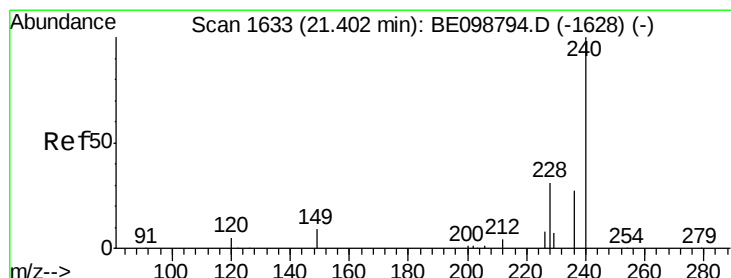
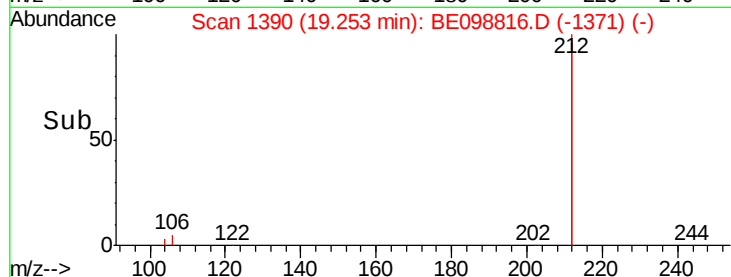
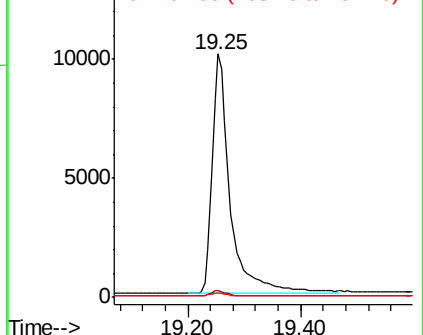
104 1.3 1.0 1.6



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: BE098816.D

Acq: 7 Mar 2019 12:35

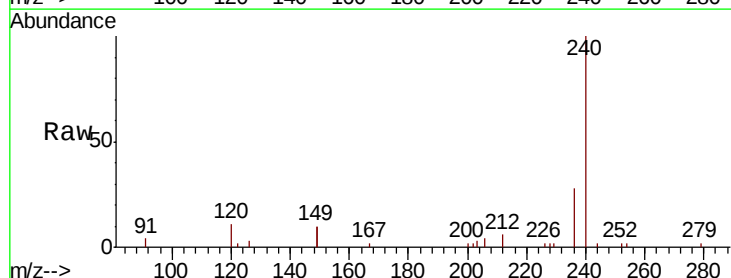
Tgt Ion:240 Resp: 5952

Ion Ratio Lower Upper

240 100

120 10.8 5.0 7.4#

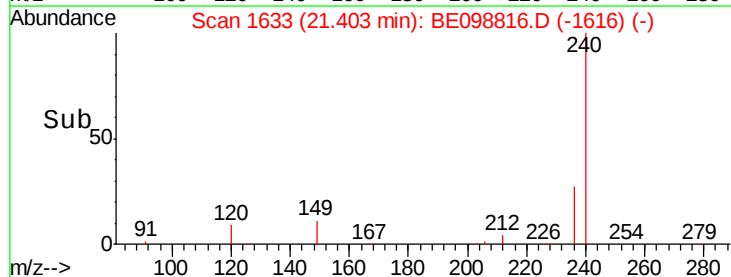
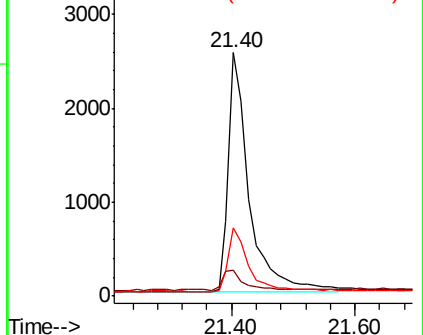
236 28.1 22.7 34.1

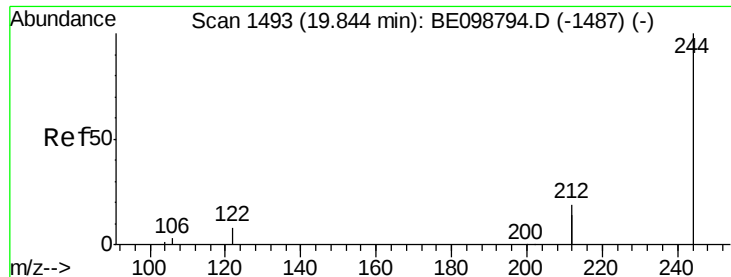


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.314 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098816.D

Acq: 7 Mar 2019 12:35

Instrument :

BNA_E

ClientSampleId :

PB117507BL

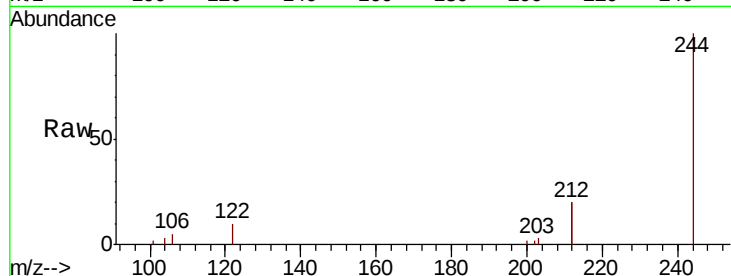
Tgt Ion:244 Resp: 4536

Ion Ratio Lower Upper

244 100

212 40.4 29.4 44.2

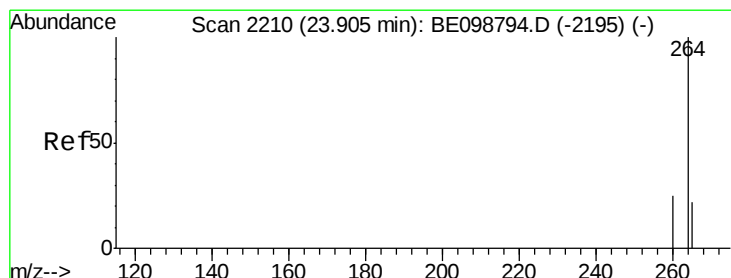
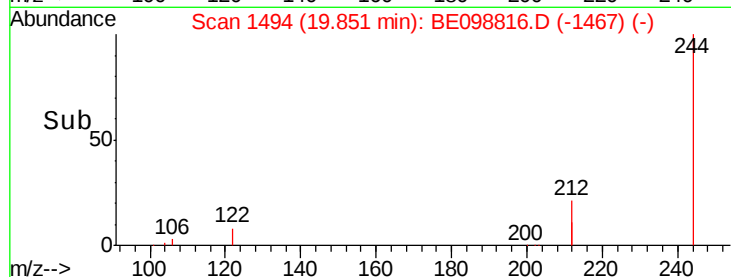
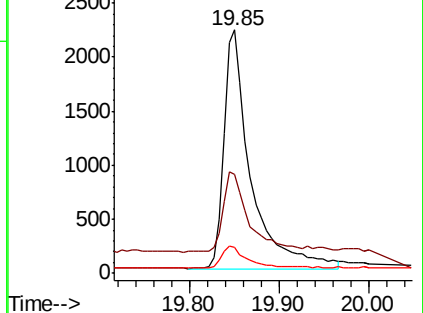
122 10.4 7.1 10.7



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: 23.91 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BE098816.D

Acq: 7 Mar 2019 12:35

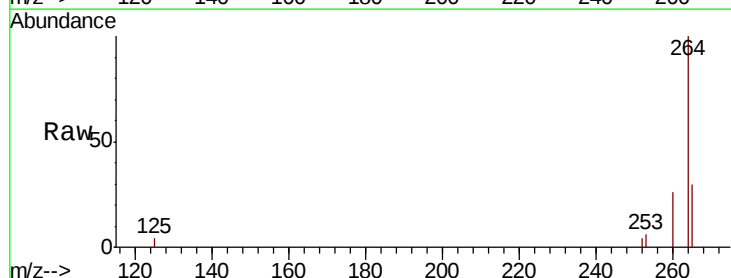
Tgt Ion:264 Resp: 5870

Ion Ratio Lower Upper

264 100

260 26.2 21.2 31.8

265 30.5 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

