

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098968.D
 Acq On : 15 Mar 2019 11:35
 Operator : JU/SJ
 Sample : PB117917BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 14:29:00 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

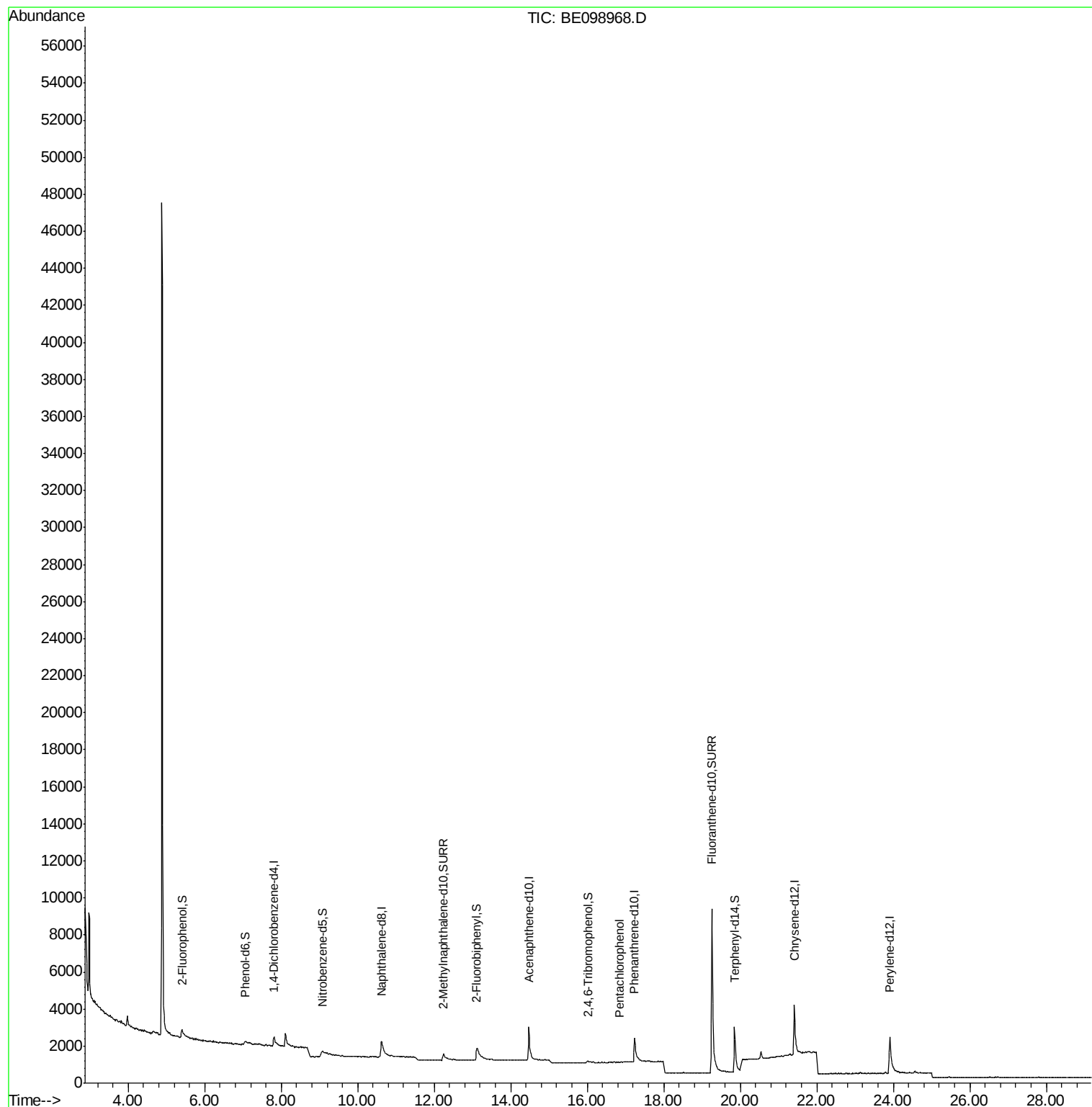
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	521	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	2500	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	2011	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4922	0.40	ng	0.01
27) Chrysene-d12	21.41	240	5441	0.40	ng	0.01
34) Perylene-d12	23.91	264	5233	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	491	0.32	ng	0.02
5) Phenol-d6	7.07	99	654	0.30	ng	0.08
8) Nitrobenzene-d5	9.08	82	429	0.16	ng	0.12
11) 2-Methylnaphthalene-d10	12.24	152	1568	0.34	ng	0.04
14) 2,4,6-Tribromophenol	16.01	330	168	0.17	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	2505	0.30	ng	0.03
25) Fluoranthene-d10	19.26	212	23133	0.29	ng	0.01
29) Terphenyl-d14	19.85	244	4515	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	35	Below Cal		Qvalue # 11
22) Pentachlorophenol	16.84	266	2	0.266 ng		90

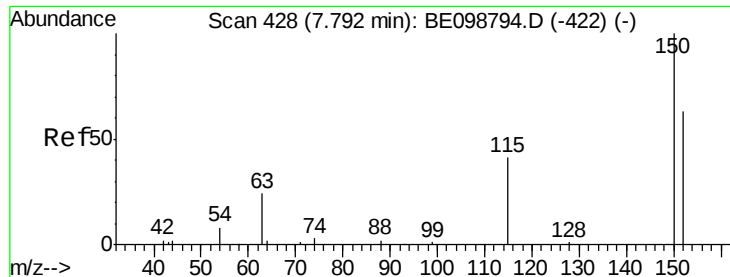
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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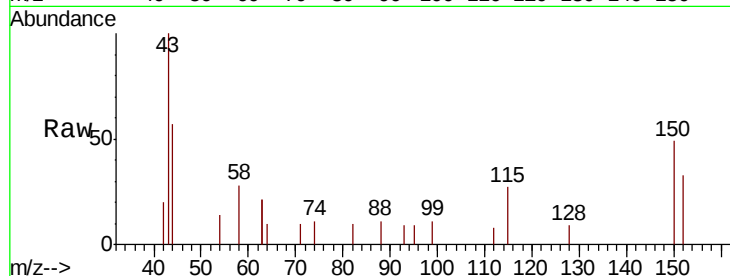


#1

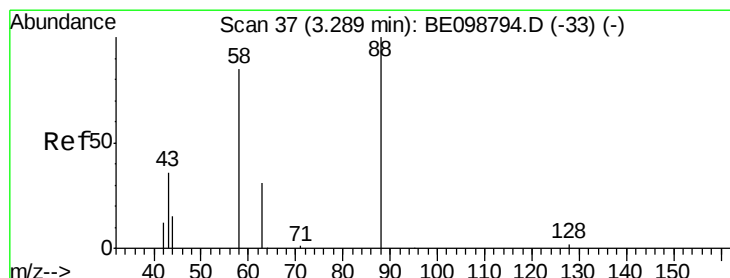
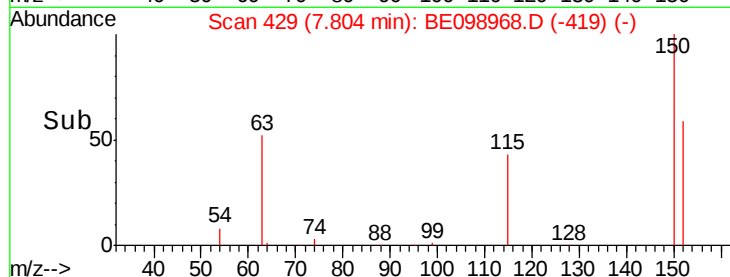
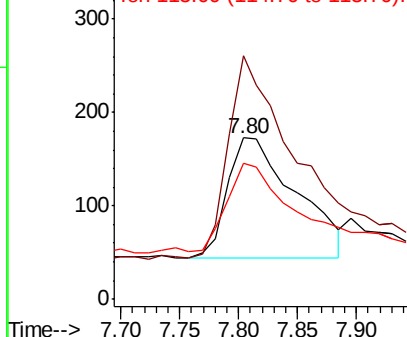
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE098968.D
 Acq: 15 Mar 2019 11:35

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 521
 Ion Ratio Lower Upper
 152 100
 150 150.9 122.5 183.7
 115 83.8 57.4 86.2



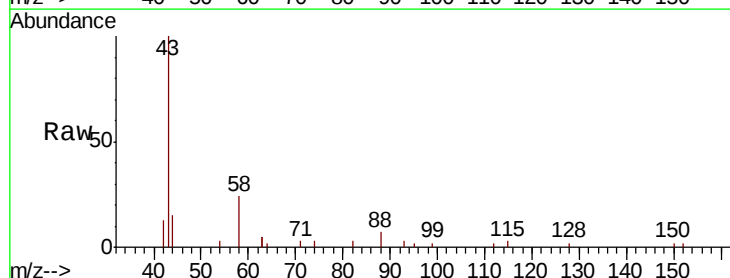
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



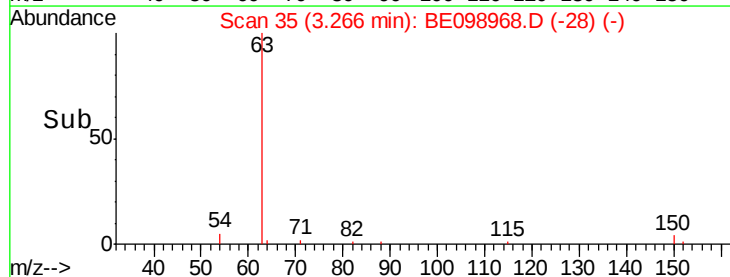
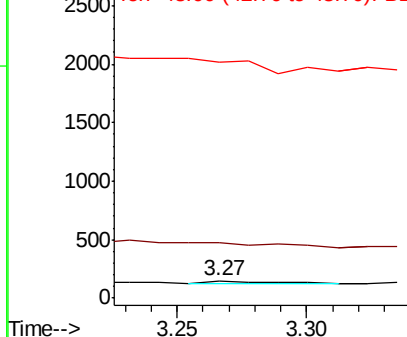
#2

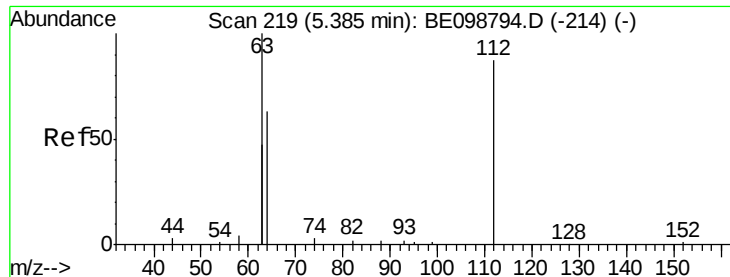
1,4-Dioxane
 Concen: Below Cal
 RT: 3.27 min Scan# 35
 Delta R.T. -0.02 min
 Lab File: BE098968.D
 Acq: 15 Mar 2019 11:35

Tgt Ion: 88 Resp: 35
 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: 0.315 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampled :

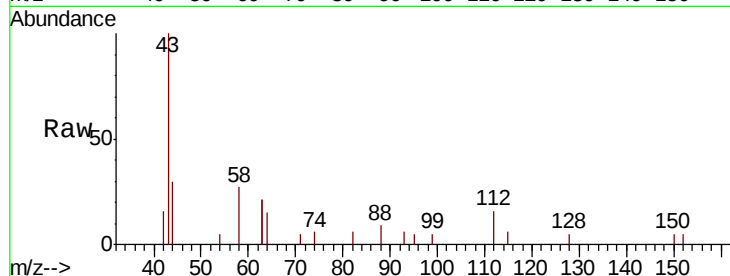
Tot Ion:112 Resp: 491

Ion Ratio Lower Upper

112 100

64 106.3 57.9 86.9#

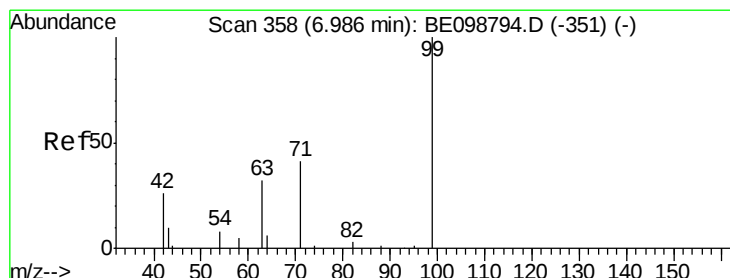
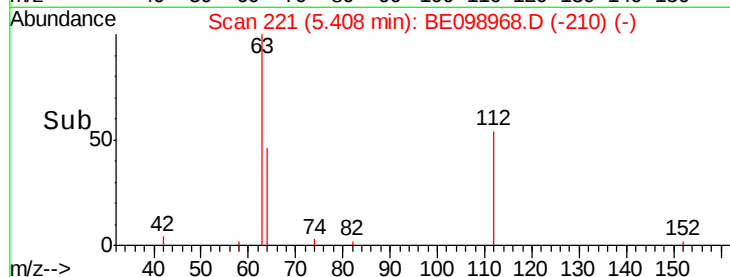
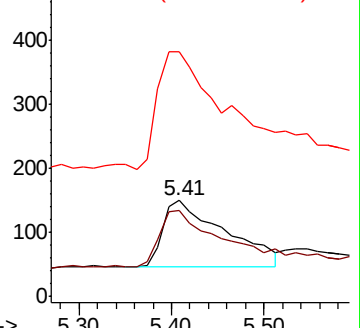
63 236.7 158.3 237.5



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: 0.297 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.08 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

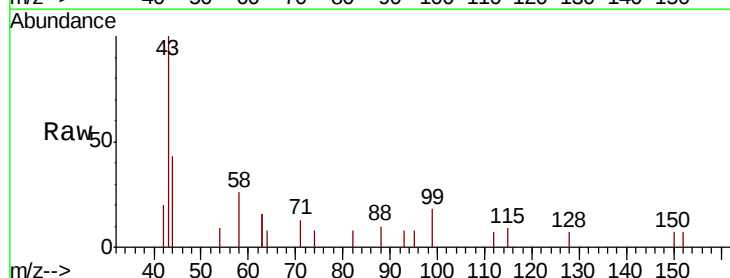
Tgt Ion: 99 Resp: 654

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

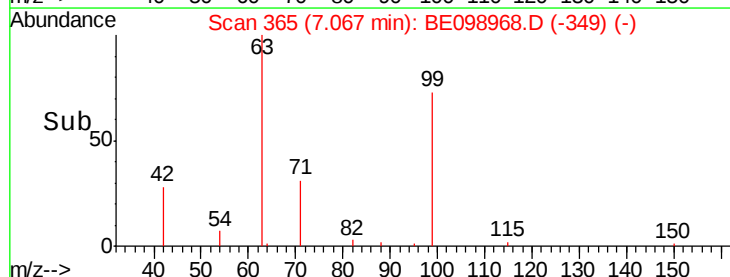
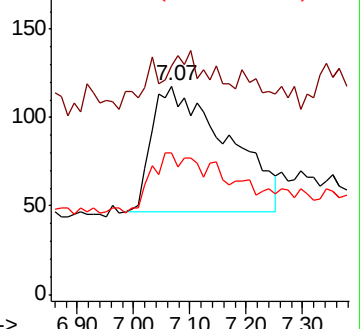
71 17.4 35.7 53.5#

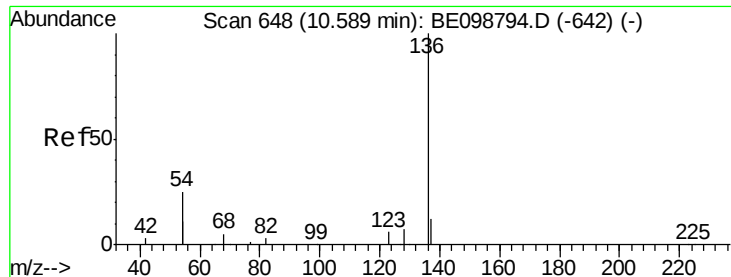


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2500

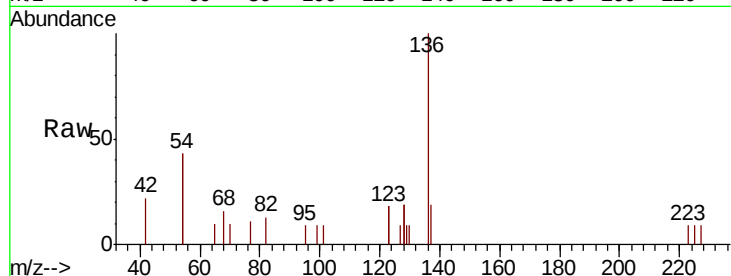
Ion Ratio Lower Upper

136 100

137 18.7 11.4 17.0#

54 86.4 39.3 58.9#

68 15.9 6.7 10.1#

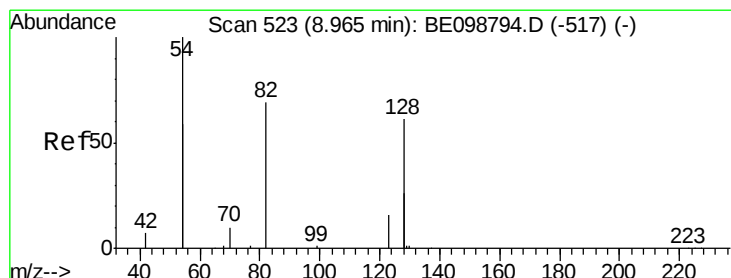
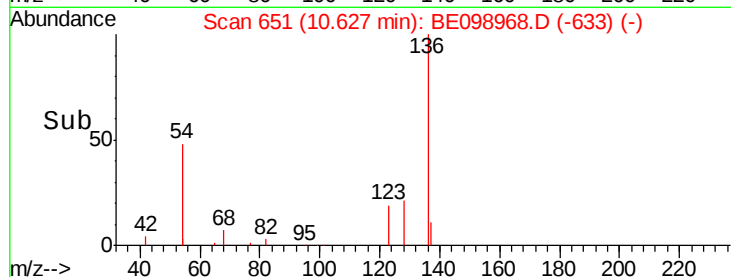
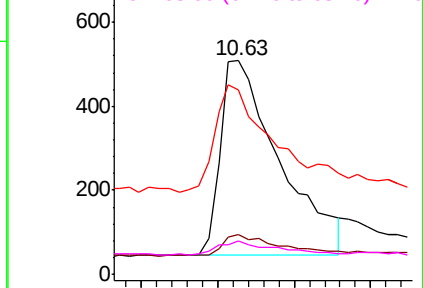


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.164 ng

RT: 9.08 min Scan# 532

Delta R.T. 0.12 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

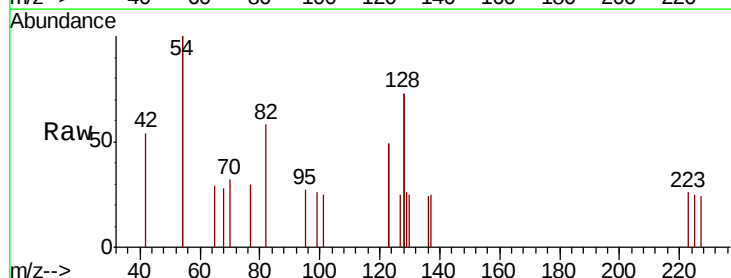
Tgt Ion: 82 Resp: 429

Ion Ratio Lower Upper

82 100

128 251.4 123.8 185.8#

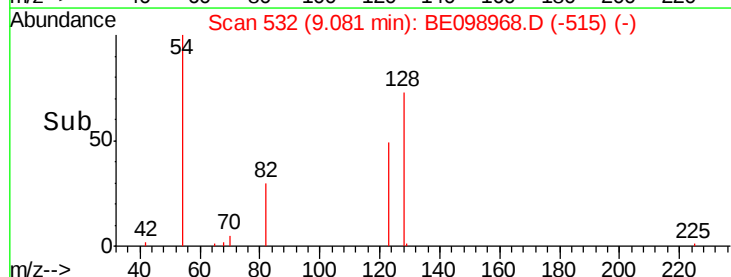
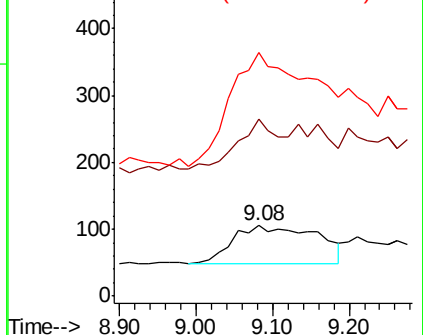
54 346.7 203.4 305.2#

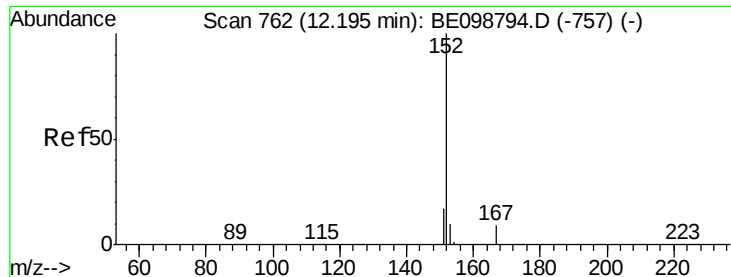


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

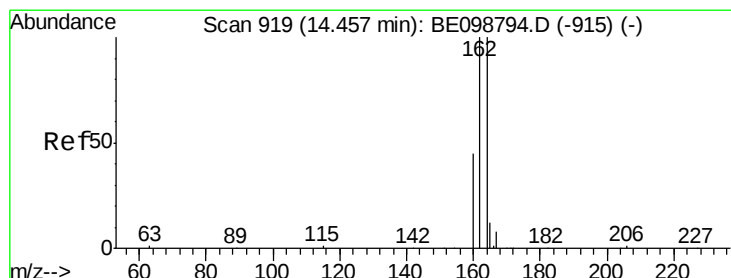
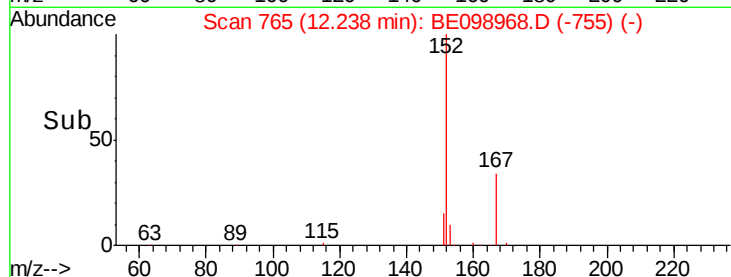
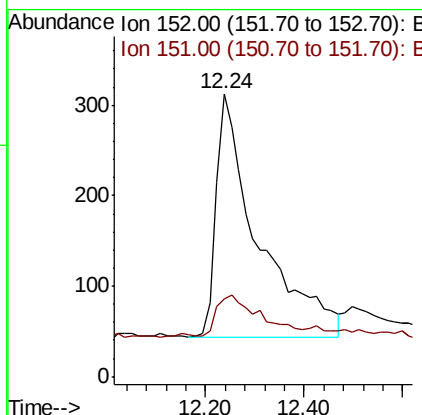
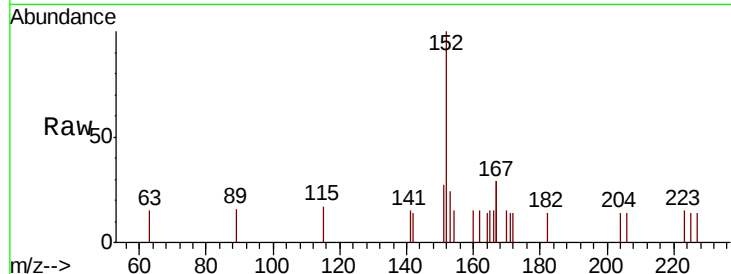




#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.04 min
 Lab File: BE098968.D
 Acq: 15 Mar 2019 11:35

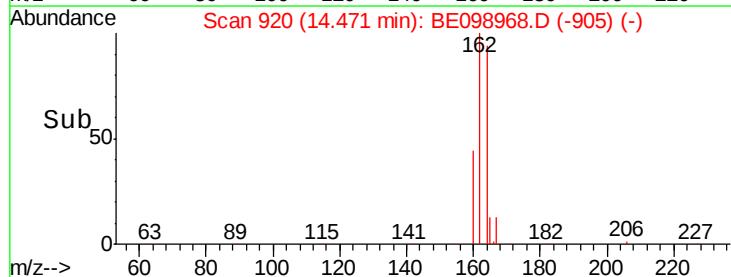
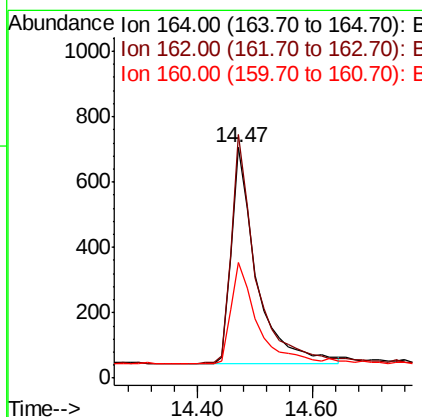
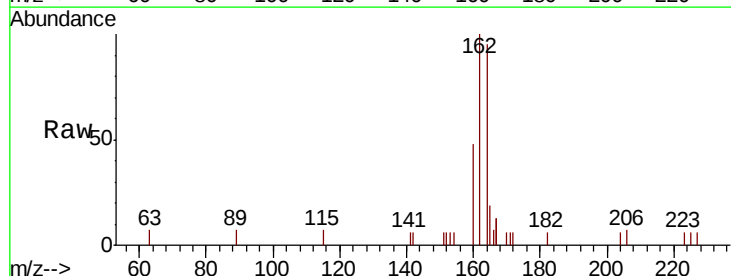
Instrument :
 BNA_E
 ClientSampleId :

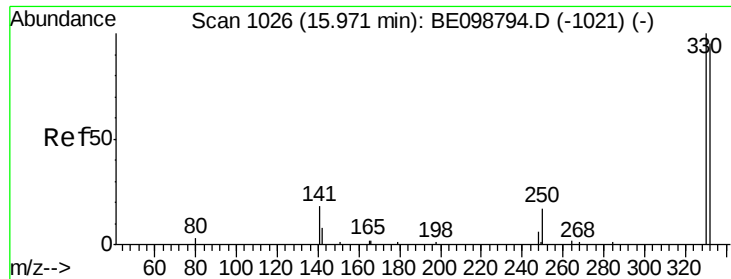
Tot Ion:152 Resp: 1568
 Ion Ratio Lower Upper
 152 100
 151 17.3 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098968.D
 Acq: 15 Mar 2019 11:35

Tgt Ion:164 Resp: 2011
 Ion Ratio Lower Upper
 164 100
 162 105.5 80.2 120.2
 160 50.1 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.166 ng

RT: 16.01 min Scan# 1029

Delta R.T. 0.04 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampleId :

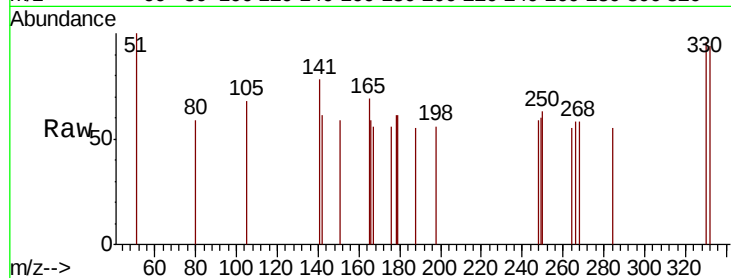
Tot Ion:330 Resp: 168

Ion Ratio Lower Upper

330 100

332 65.5 77.6 116.4#

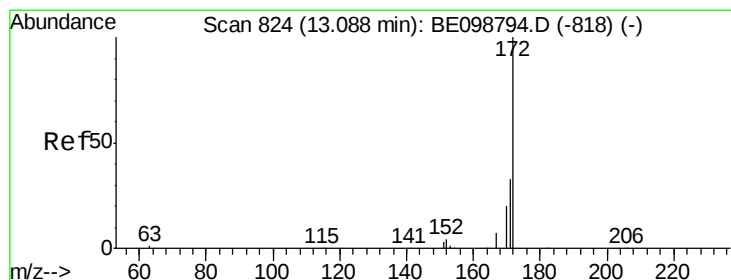
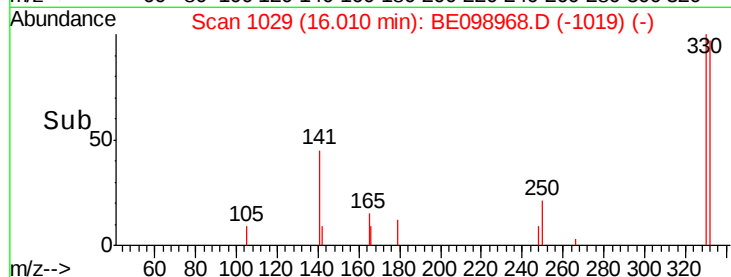
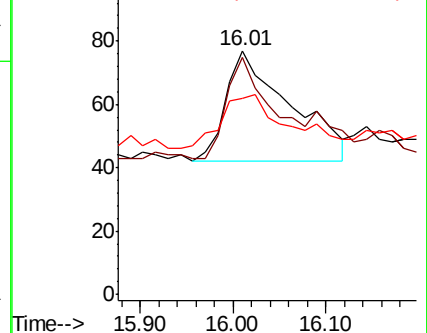
141 50.6 31.0 46.4#



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: 0.301 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.03 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

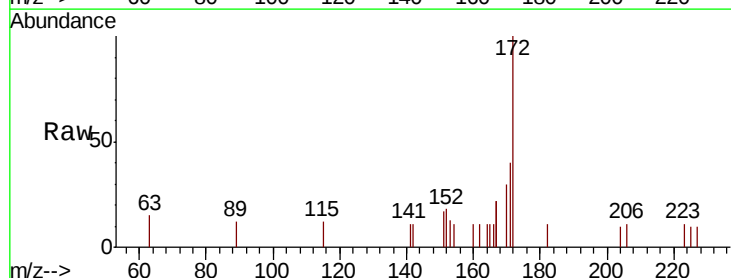
Tgt Ion:172 Resp: 2505

Ion Ratio Lower Upper

172 100

171 39.7 28.0 42.0

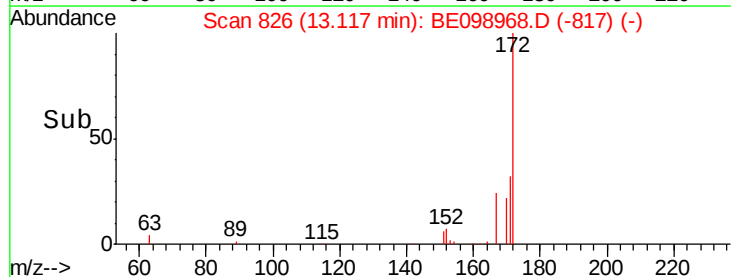
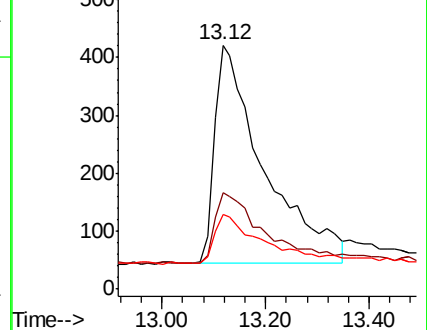
170 30.4 17.7 26.5#

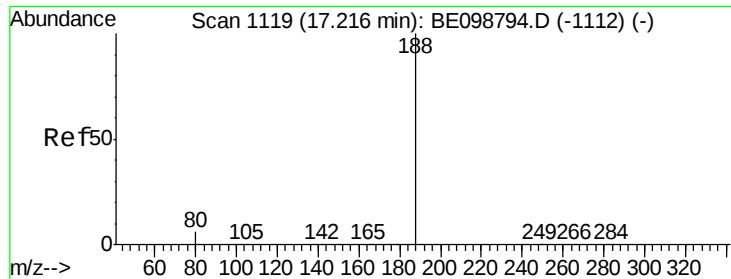


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampleId :

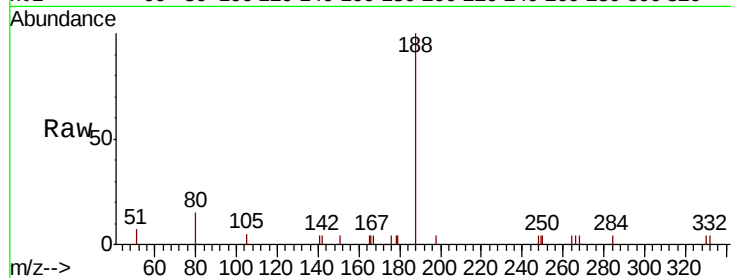
Tot Ion:188 Resp: 4922

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

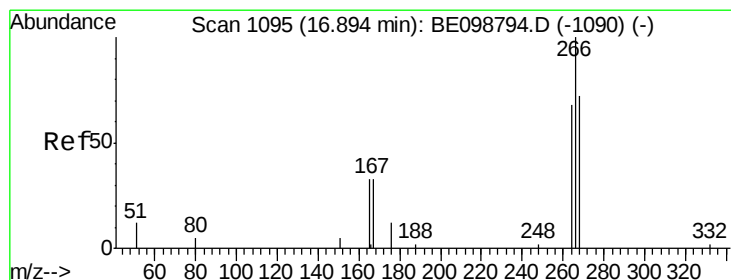
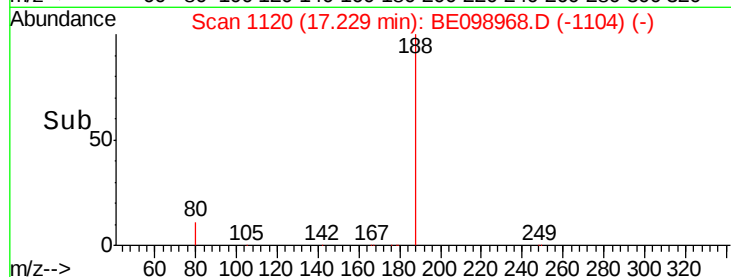
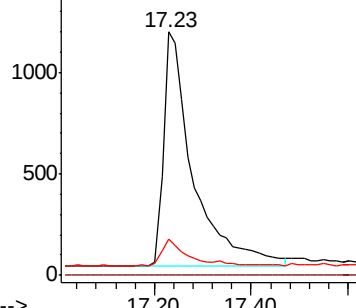
80 15.1 6.3 9.5#



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: 16.84 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

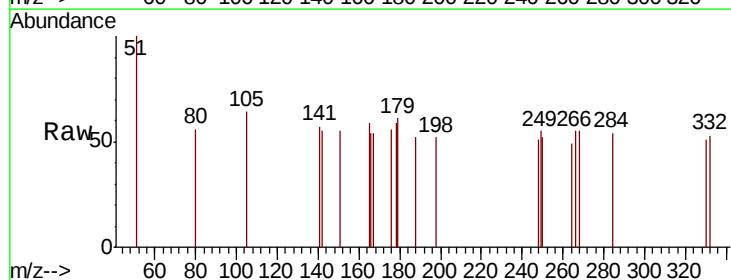
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 89.6 66.6 100.0

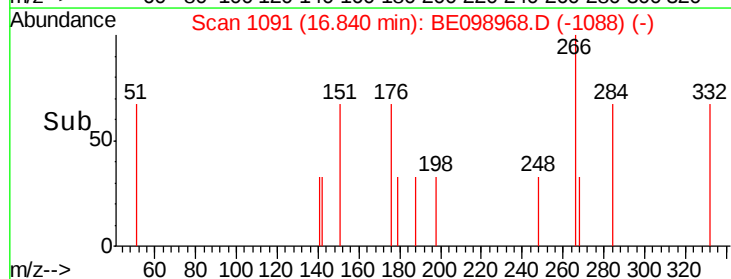
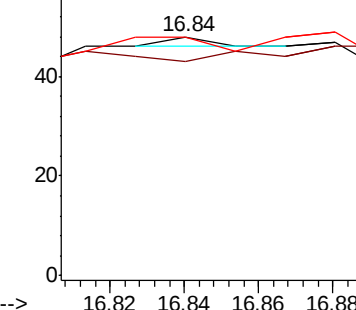
268 100.0 69.8 104.8

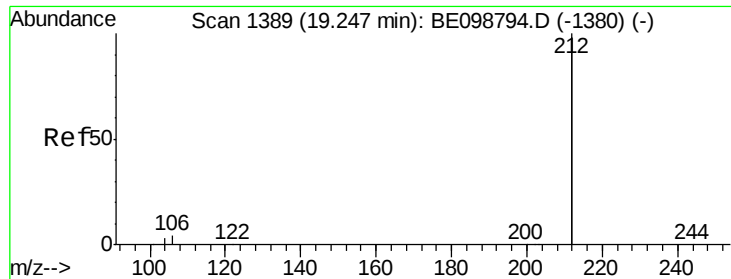


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.294 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampleId :

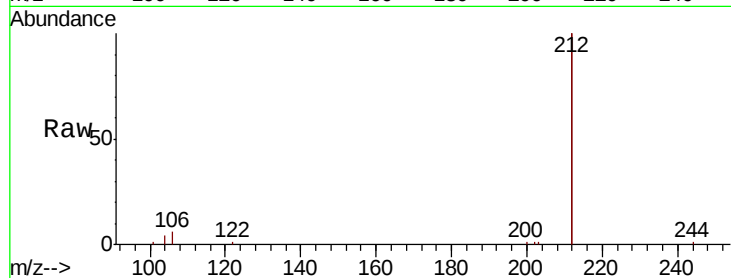
Tot Ion:212 Resp: 23133

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

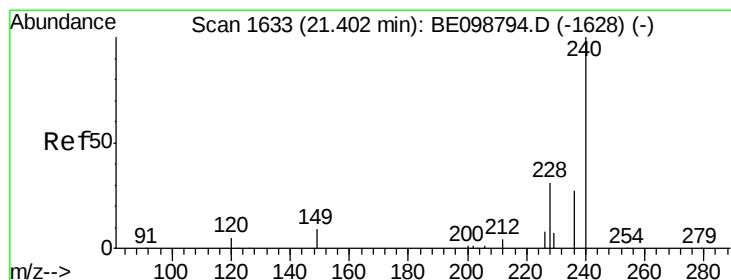
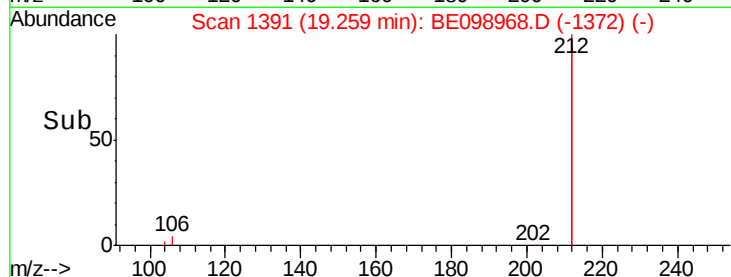
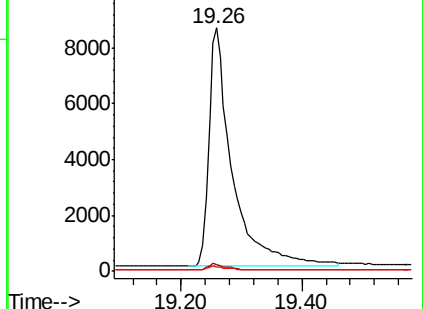
104 1.3 1.0 1.6



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: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

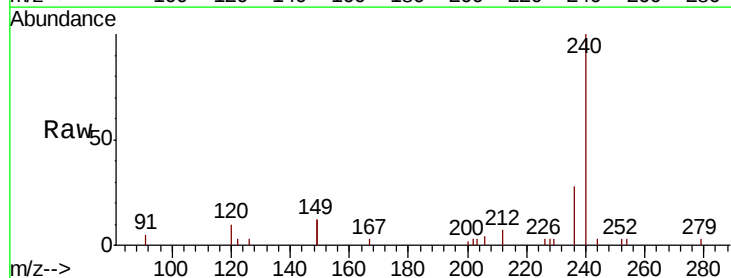
Tgt Ion:240 Resp: 5441

Ion Ratio Lower Upper

240 100

120 9.9 5.0 7.4#

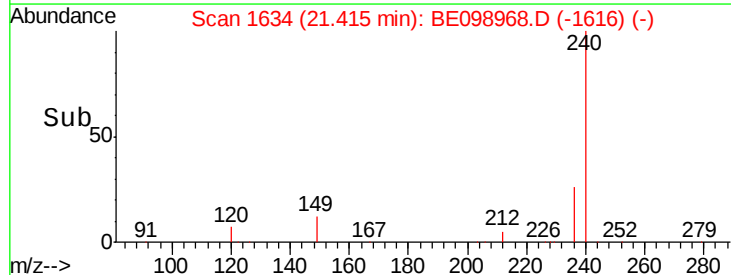
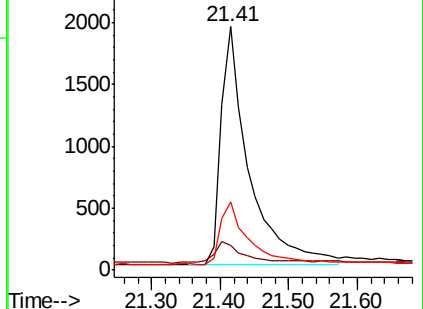
236 28.2 22.7 34.1

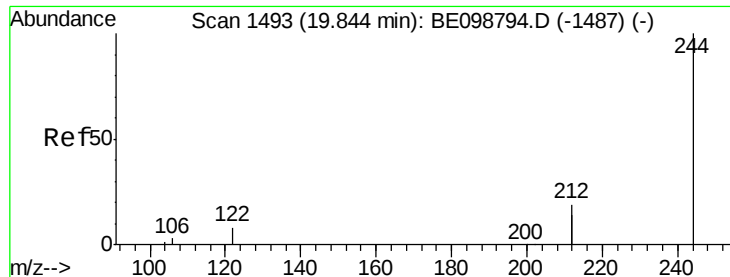


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampleId :

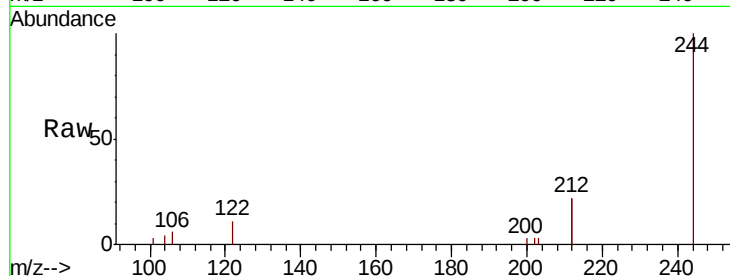
Tot Ion:244 Resp: 4515

Ion Ratio Lower Upper

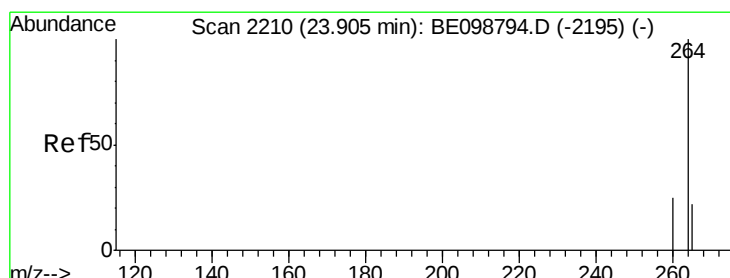
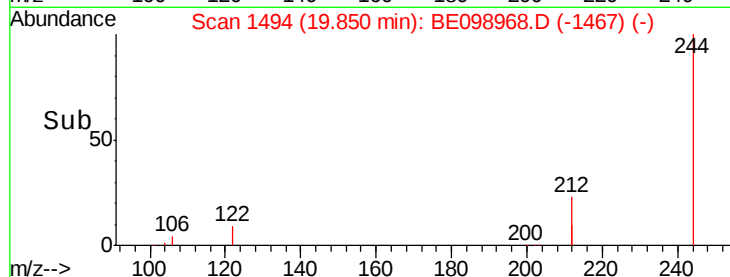
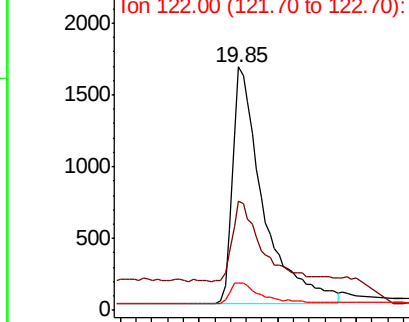
244 100

212 44.6 29.4 44.2#

122 11.4 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: BE098968.D

Acq: 15 Mar 2019 11:35

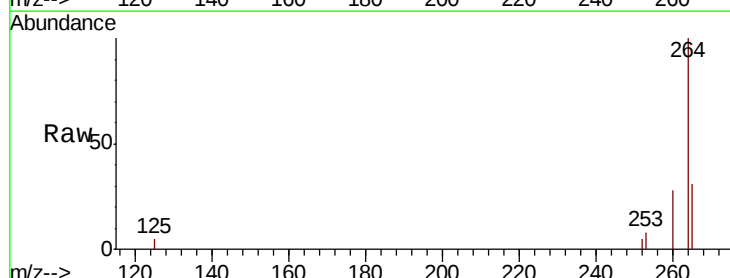
Tgt Ion:264 Resp: 5233

Ion Ratio Lower Upper

264 100

260 27.8 21.2 31.8

265 31.3 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

