

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098912.D
 Acq On : 13 Mar 2019 15:19
 Operator : JU/SJ
 Sample : PB117852BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BL

Quant Time: Mar 14 06:55:36 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

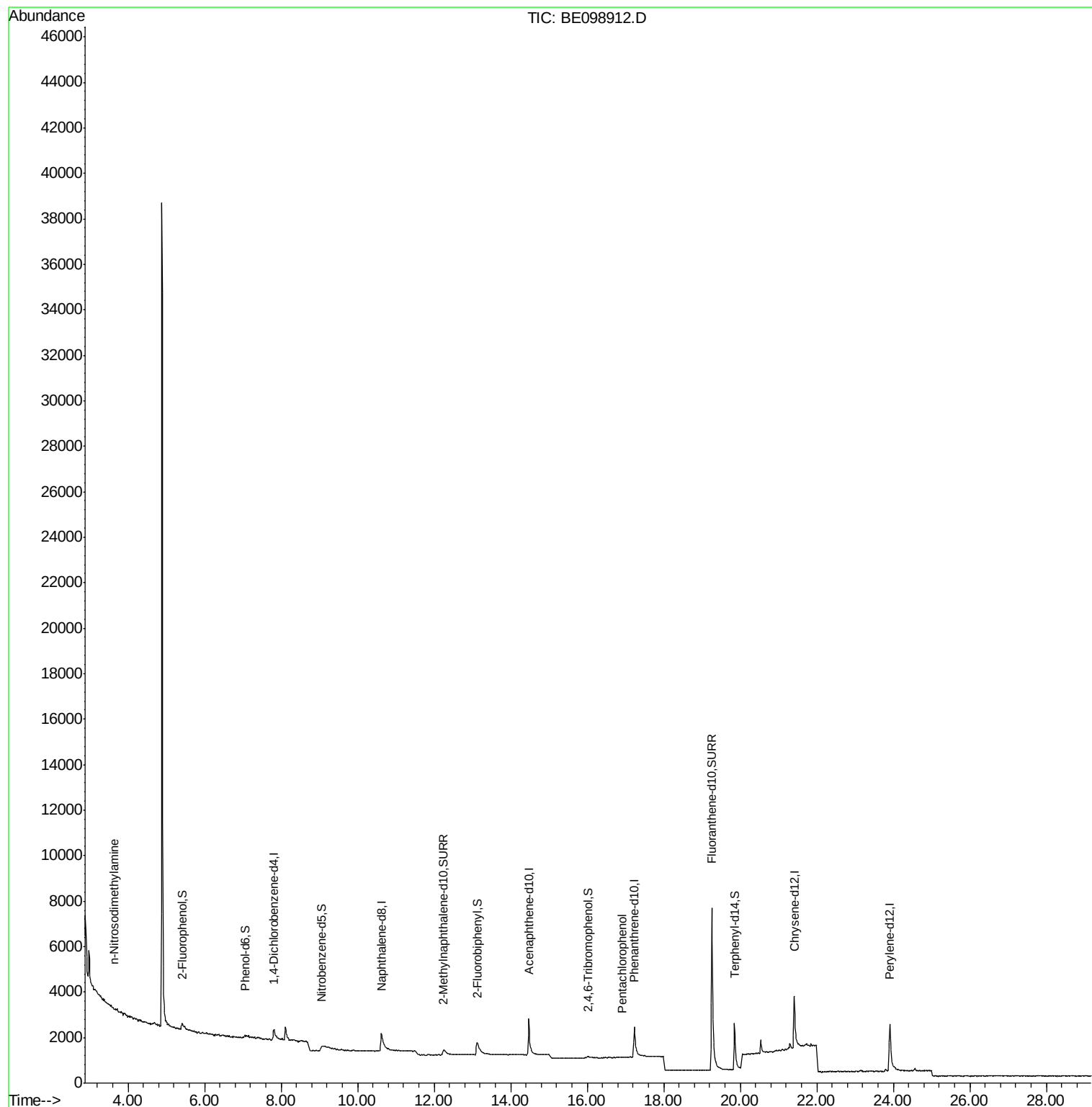
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	529	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	2225	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	1782	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4434	0.40	ng	0.01
27) Chrysene-d12	21.41	240	5026	0.40	ng	0.01
34) Perylene-d12	23.91	264	4895	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	389	0.25	ng	0.04
5) Phenol-d6	7.06	99	495	0.22	ng	0.07
8) Nitrobenzene-d5	9.07	82	166	0.07	ng	0.10
11) 2-Methylnaphthalene-d10	12.24	152	1058	0.26	ng	0.04
14) 2,4,6-Tribromophenol	16.01	330	173	0.19	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	1997	0.27	ng	0.03
25) Fluoranthene-d10	19.25	212	18572	0.26	ng	0.00
29) Terphenyl-d14	19.85	244	3596	0.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	15	Below Cal	#	1
3) n-Nitrosodimethylamine	3.62	42	73	0.055 ng	#	27
22) Pentachlorophenol	16.91	266	4	0.269 ng		87

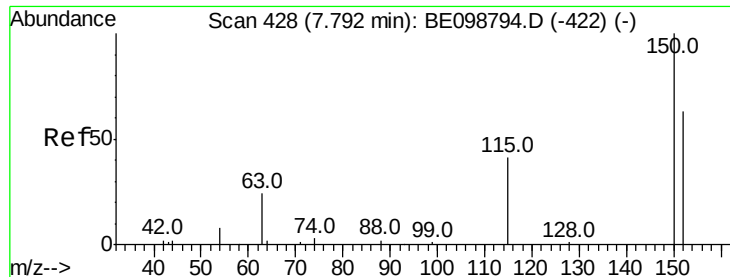
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098912.D

Acq: 13 Mar 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB117852BL

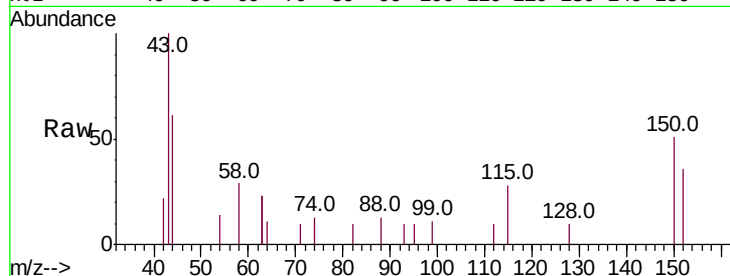
Tot Ion:152 Resp: 529

Ion Ratio Lower Upper

152 100

150 142.0 122.5 183.7

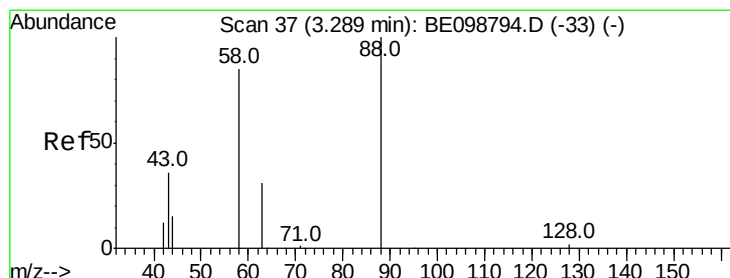
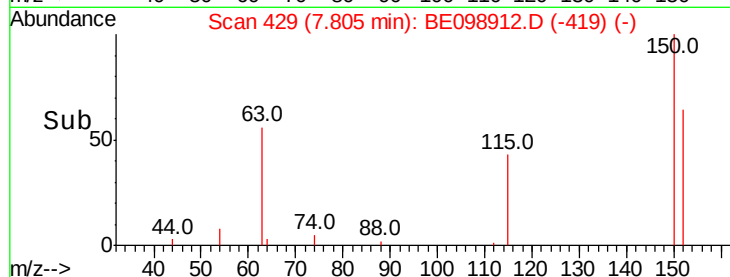
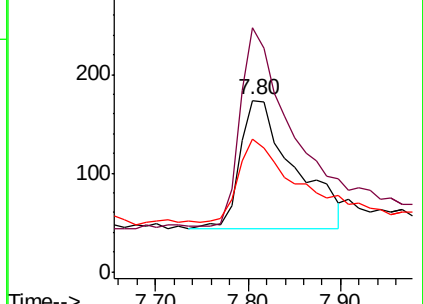
115 77.6 57.4 86.2



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: BE098912.D

Acq: 13 Mar 2019 15:19

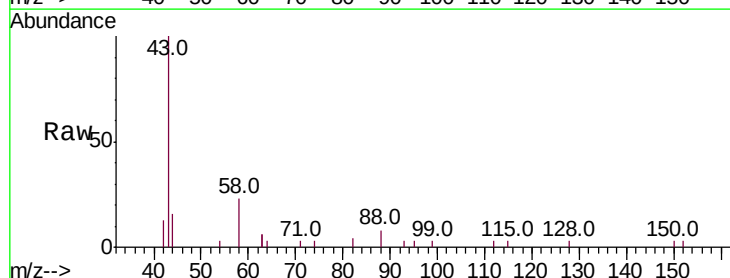
Tgt Ion: 88 Resp: 15

Ion Ratio Lower Upper

88 100

58 520.0 75.8 113.6#

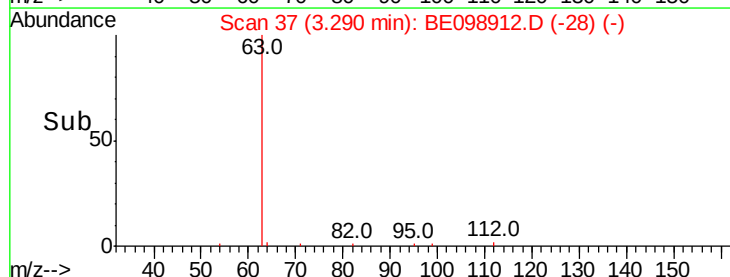
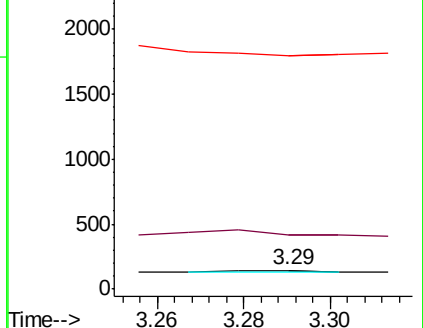
43 0.0 41.8 62.8#

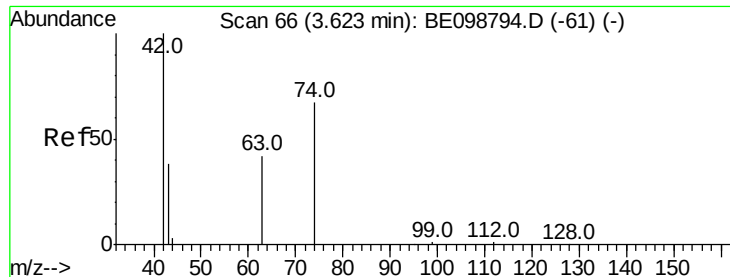


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



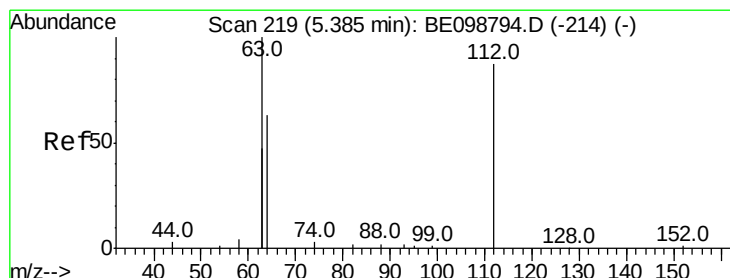
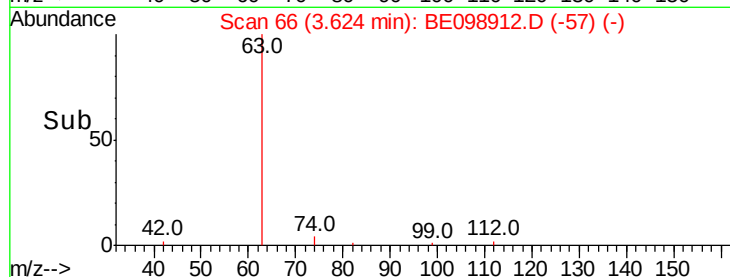
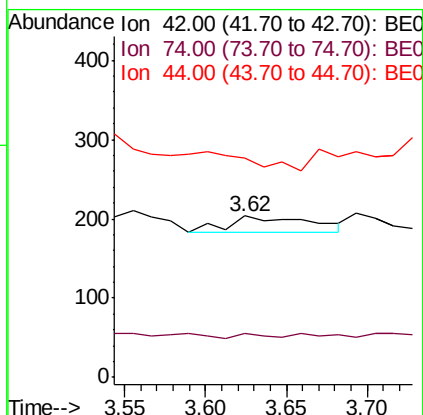
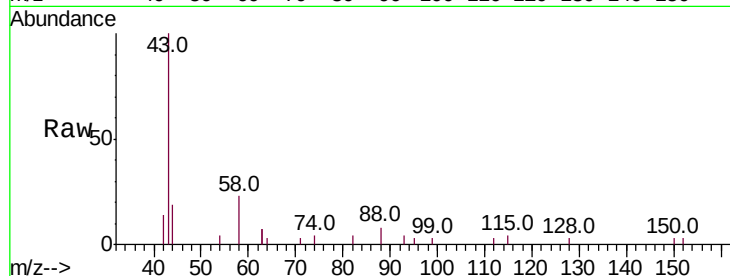


#3

n-Nitrosodimethylamine
 Concen: 0.055 ng
 RT: 3.62 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BE098912.D
 Acq: 13 Mar 2019 15:19

Instrument :
 BNA_E
 ClientSampleId :
 PB117852BL

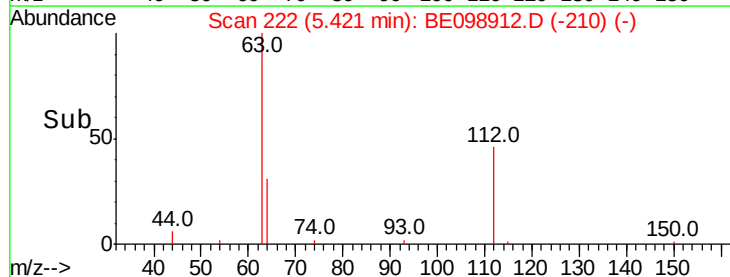
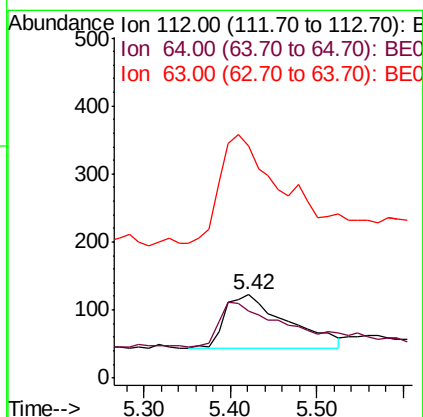
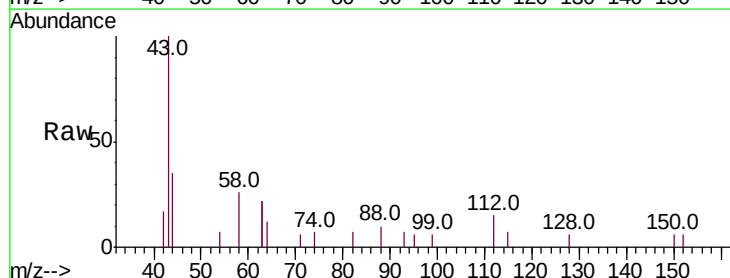
Tot Ion: 42 Resp: 73
 Ion Ratio Lower Upper
 42 100
 74 11.0 57.0 85.4#
 44 0.0 0.0 0.0

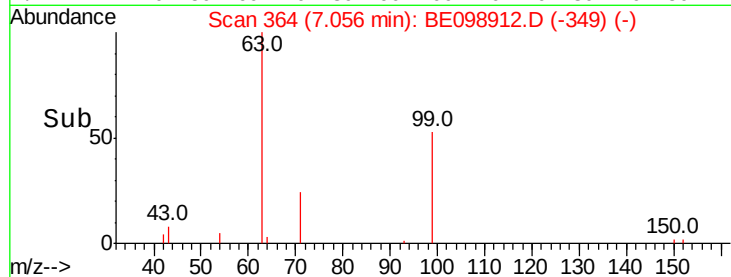
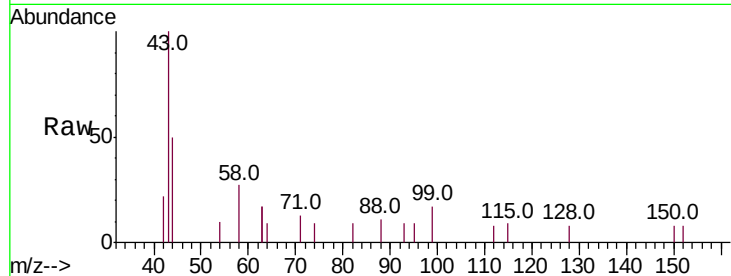
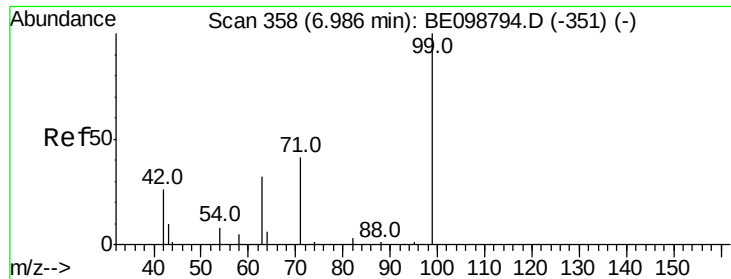


#4

2-Fluorophenol
 Concen: 0.246 ng
 RT: 5.42 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BE098912.D
 Acq: 13 Mar 2019 15:19

Tgt Ion: 112 Resp: 389
 Ion Ratio Lower Upper
 112 100
 64 0.0 57.9 86.9#
 63 236.2 158.3 237.5





#5

Phenol-d6

Concen: 0.222 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098912.D

Acq: 13 Mar 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB117852BL

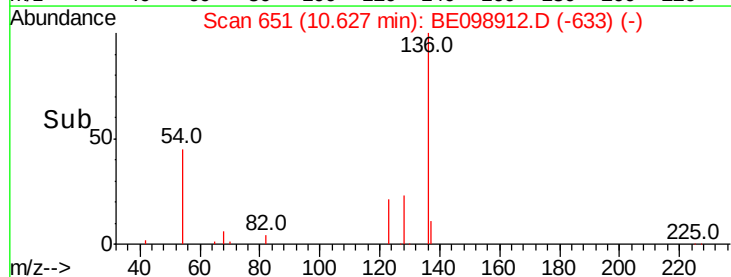
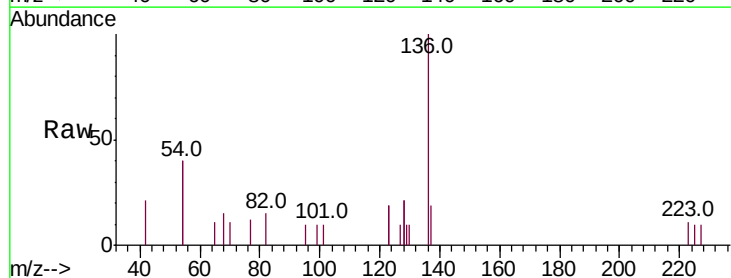
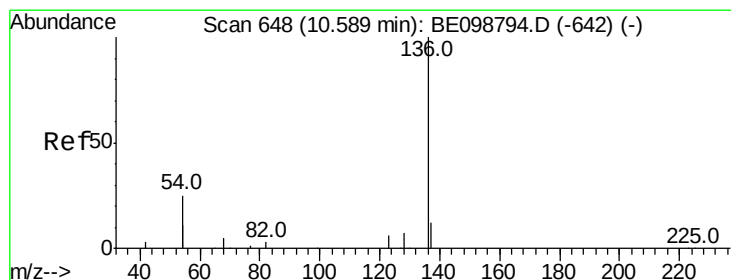
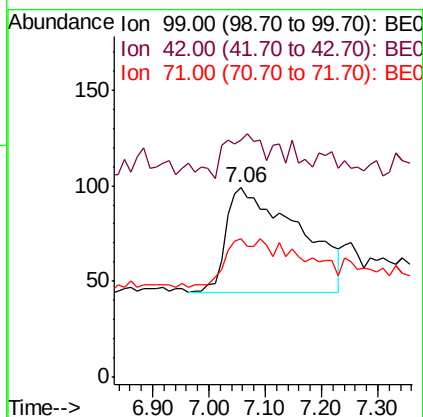
Tot Ion: 99 Resp: 495

Ion Ratio Lower Upper

99 100

42 14.1 24.2 36.2#

71 13.5 35.7 53.5#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE098912.D

Acq: 13 Mar 2019 15:19

Tgt Ion: 136 Resp: 2225

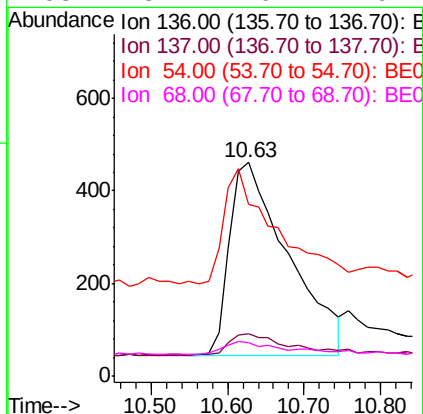
Ion Ratio Lower Upper

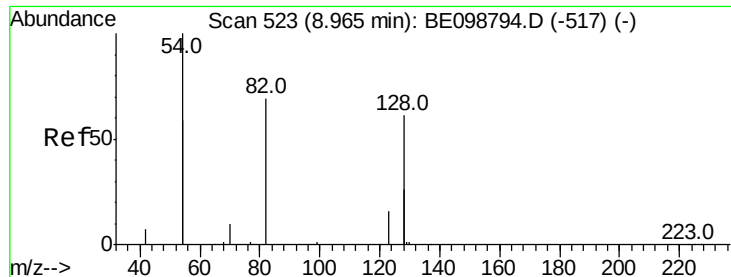
136 100

137 19.5 11.4 17.0#

54 80.5 39.3 58.9#

68 15.4 6.7 10.1#

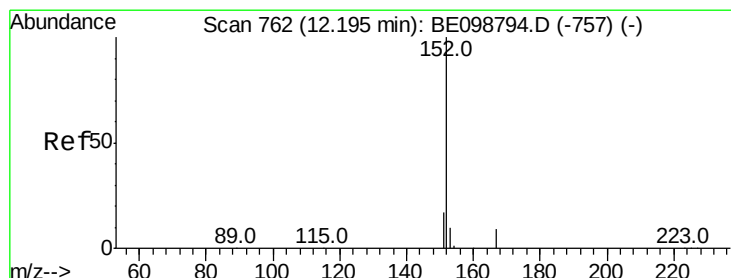
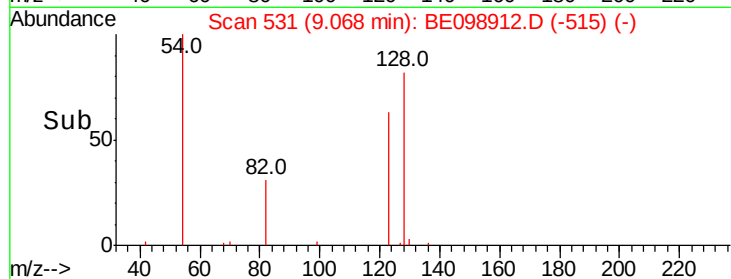
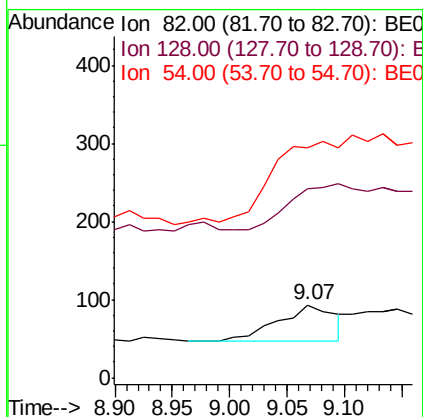
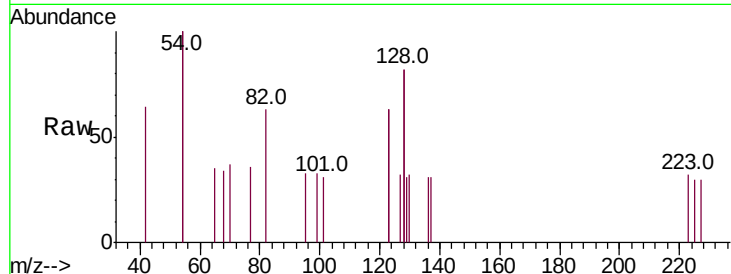




#8
 Nitrobenzene-d5
 Concen: 0.071 ng
 RT: 9.07 min Scan# 531
 Delta R.T. 0.10 min
 Lab File: BE098912.D
 Acq: 13 Mar 2019 15:19

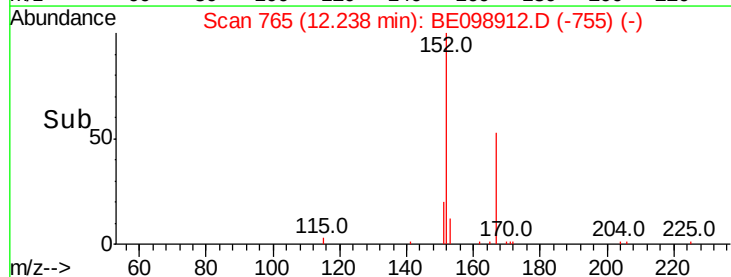
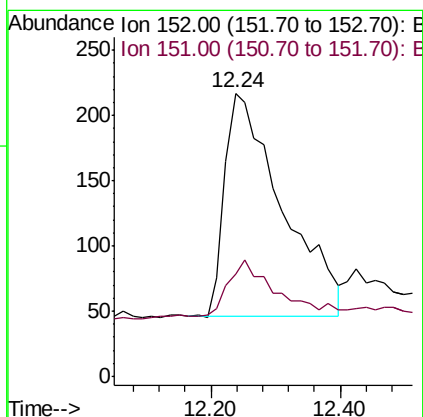
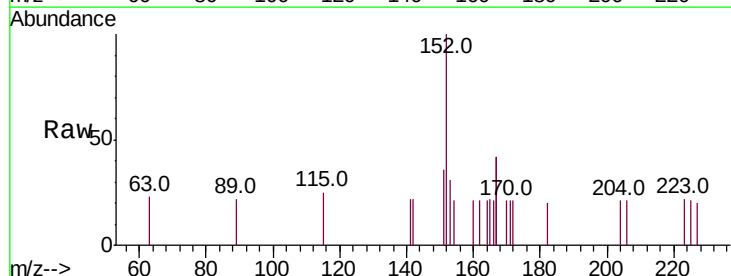
Instrument :
 BNA_E
 ClientSampleId :
 PB117852BL

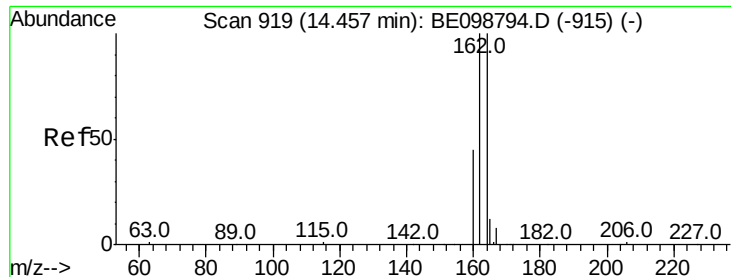
Tot Ion	82	Resp	166
Ion Ratio	Lower	Upper	
82	100		
128	260.2	123.8	185.8#
54	316.1	203.4	305.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.257 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.04 min
 Lab File: BE098912.D
 Acq: 13 Mar 2019 15:19

Tgt Ion	152	Resp	1058
Ion Ratio	Lower	Upper	
152	100		
151	21.4	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: BE098912.D

Acq: 13 Mar 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB117852BL

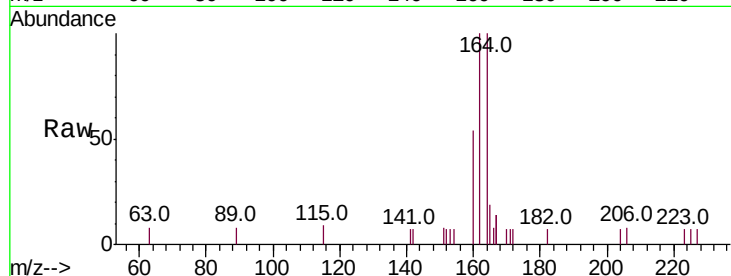
Tot Ion:164 Resp: 1782

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

160 54.4 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

14.47

600

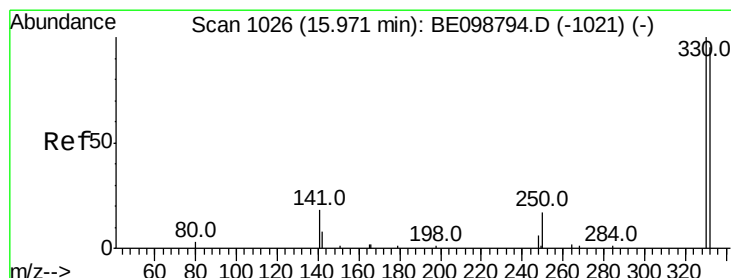
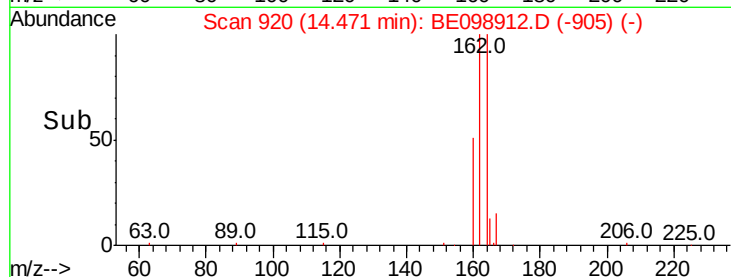
400

200

0

14.40 14.60

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.192 ng

RT: 16.01 min Scan# 1029

Delta R.T. 0.04 min

Lab File: BE098912.D

Acq: 13 Mar 2019 15:19

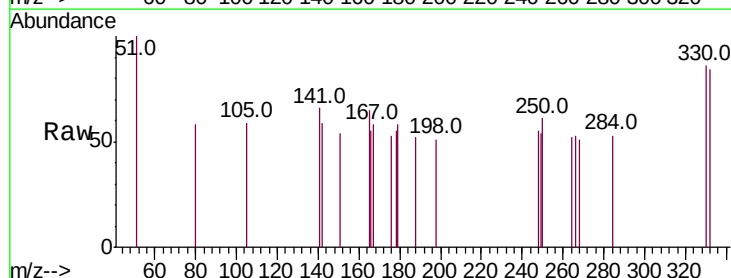
Tgt Ion:330 Resp: 173

Ion Ratio Lower Upper

330 100

332 87.9 77.6 116.4

141 32.9 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

16.01

100

80

60

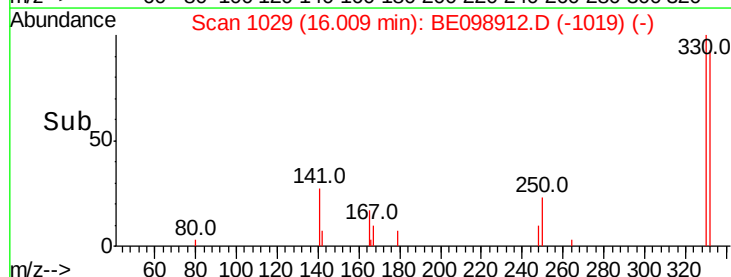
40

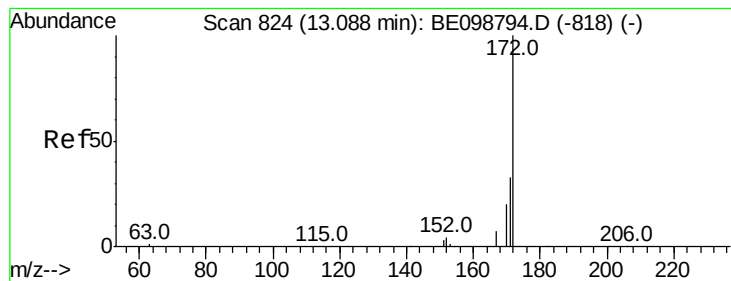
20

0

15.80 16.00 16.20

Time-->

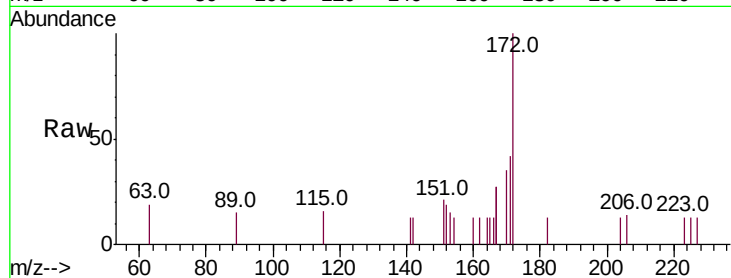




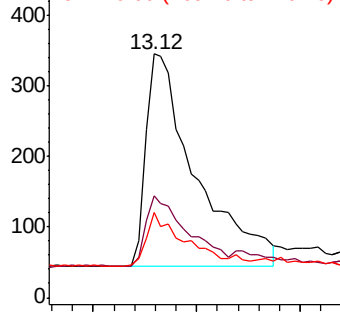
#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
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PB117852BL

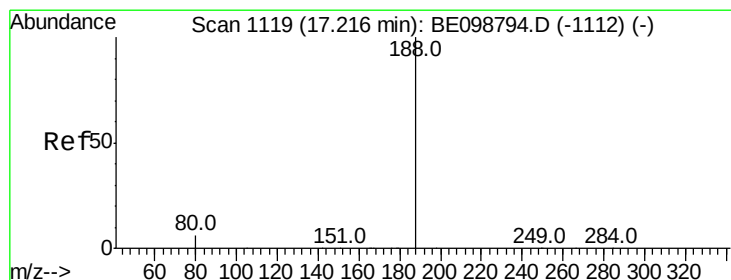
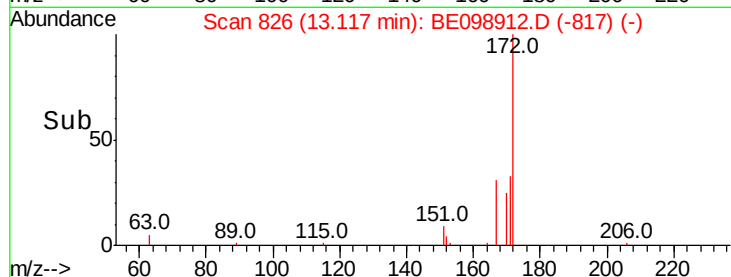
Tot Ion:172 Resp: 1997
Ion Ratio Lower Upper
172 100
171 41.7 28.0 42.0
170 34.8 17.7 26.5#



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

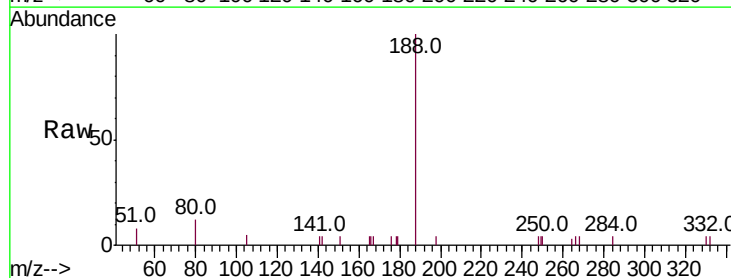


Time-->

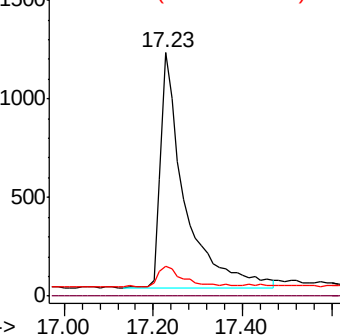


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

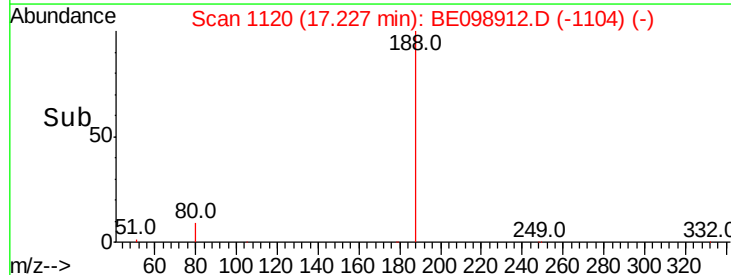
Tgt Ion:188 Resp: 4434
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 6.3 9.5#

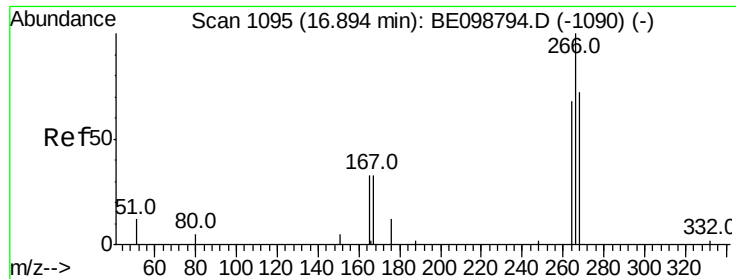


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0



Time-->





#22

Pentachlorophenol

Concen: 0.269 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098912.D

Acq: 13 Mar 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB117852BL

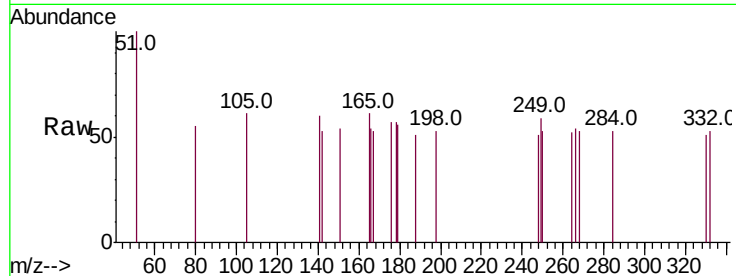
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

268 97.9 69.8 104.8

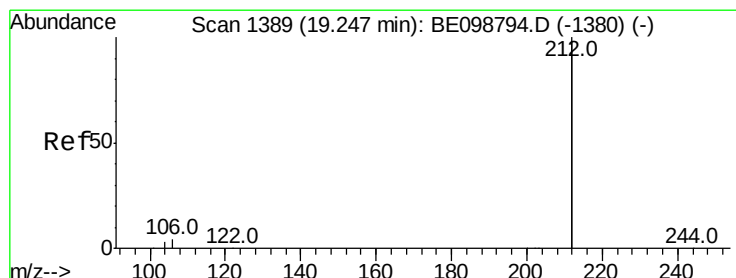
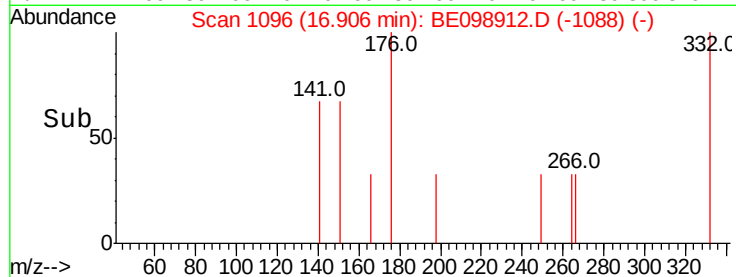
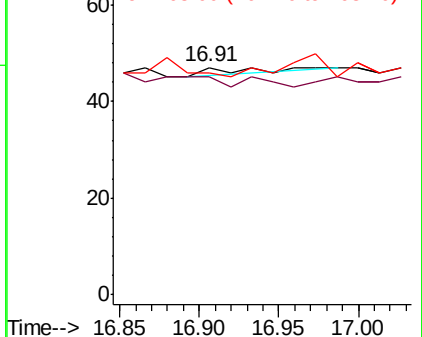


Abundance

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: 0.262 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE098912.D

Acq: 13 Mar 2019 15:19

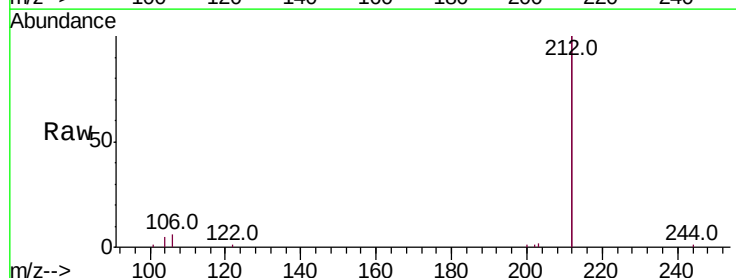
Tgt Ion:212 Resp: 18572

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

104 1.3 1.0 1.6

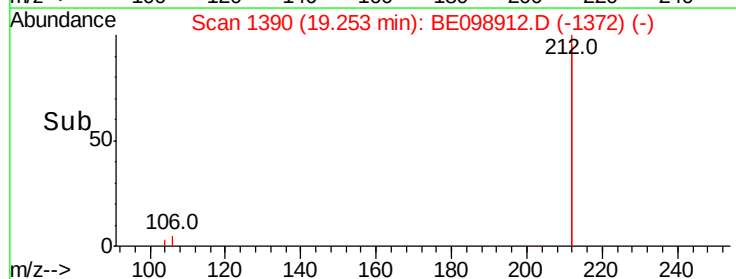
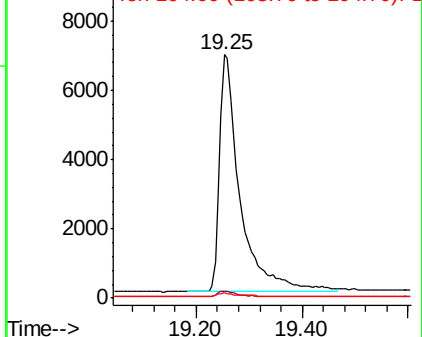


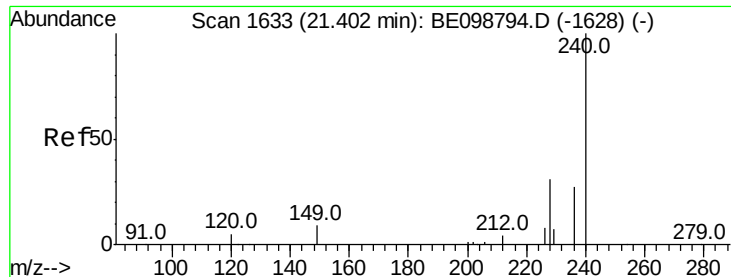
Abundance

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: BE098912.D

Acq: 13 Mar 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB117852BL

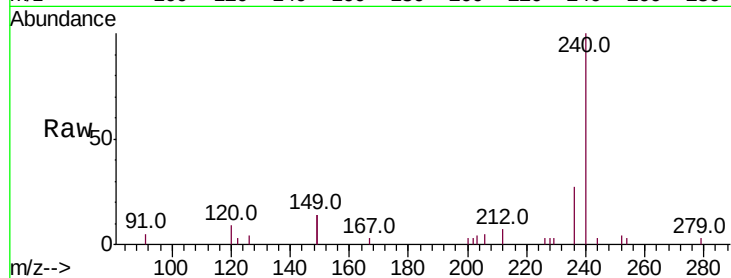
Tot Ion:240 Resp: 5026

Ion Ratio Lower Upper

240 100

120 9.3 5.0 7.4#

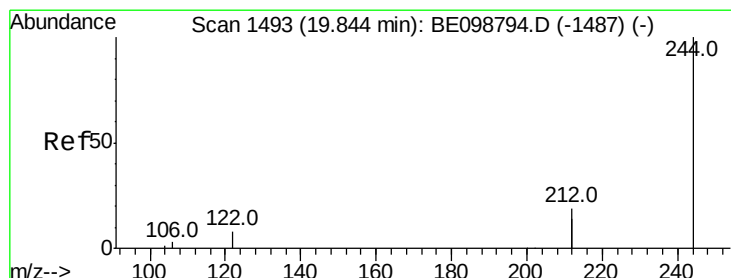
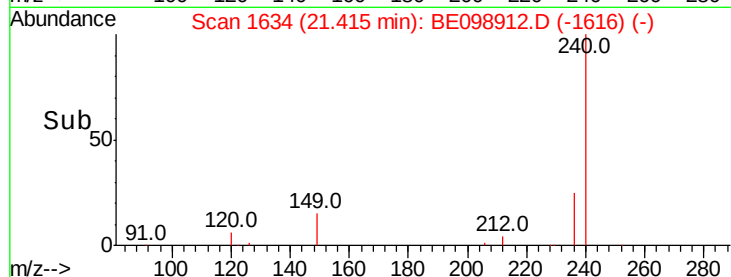
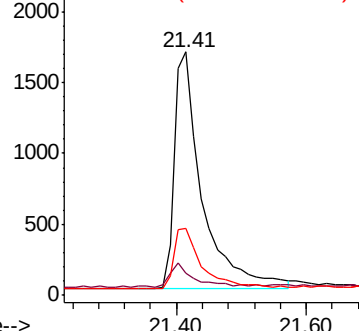
236 27.3 22.7 34.1



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: 0.294 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098912.D

Acq: 13 Mar 2019 15:19

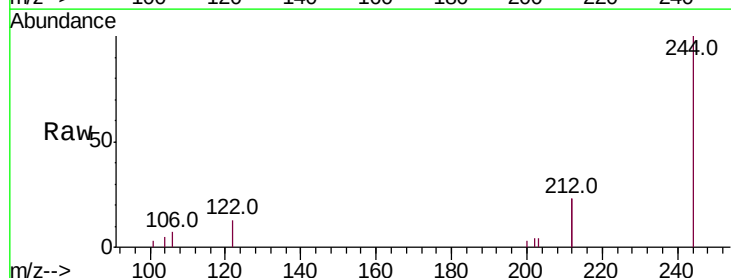
Tgt Ion:244 Resp: 3596

Ion Ratio Lower Upper

244 100

212 46.4 29.4 44.2#

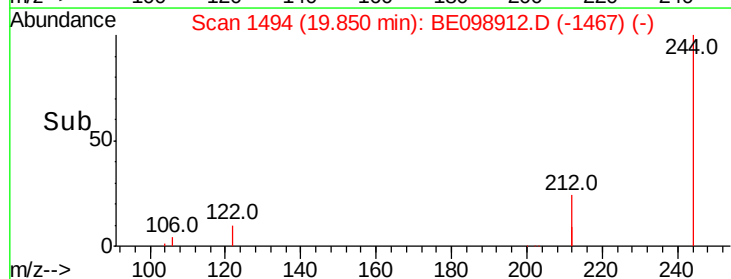
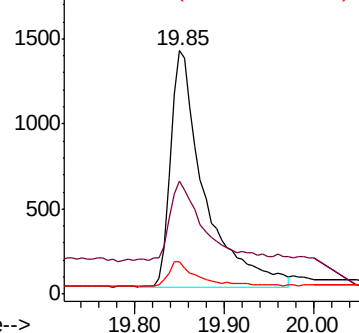
122 13.1 7.1 10.7#

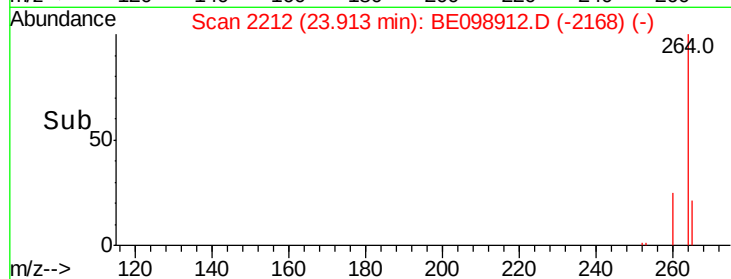
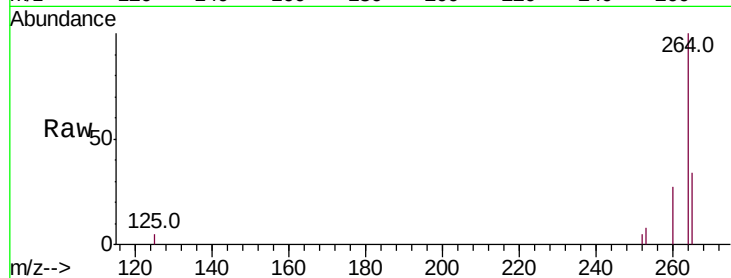
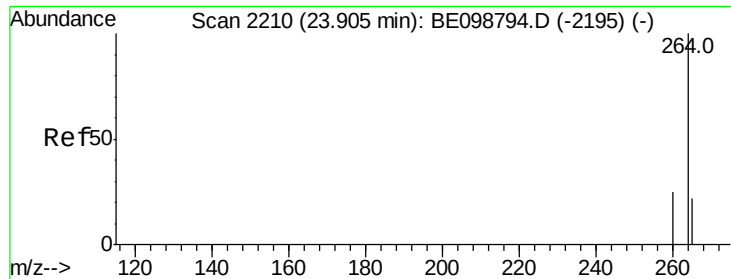


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BE098912.D

Acq: 13 Mar 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB117852BL

Tot Ion:264 Resp: 4895

Ion Ratio Lower Upper

264 100

260 27.3 21.2 31.8

265 33.5 24.6 36.8

