

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE098997.D
 Acq On : 18 Mar 2019 12:46
 Operator : JU/SJ
 Sample : PB117963BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117963BL

Quant Time: Mar 18 15:11:18 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	7.82	152	495	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	2359	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	1900	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	5056	0.40	ng	0.03
27) Chrysene-d12	21.41	240	5326	0.40	ng	0.01
34) Perylene-d12	23.91	264	4680	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	491	0.33	ng	0.03
5) Phenol-d6	7.10	99	285	0.14	ng	0.12
8) Nitrobenzene-d5	9.09	82	238	0.10	ng	0.13
11) 2-Methylnaphthalene-d10	12.27	152	1352	0.31	ng	0.07
14) 2,4,6-Tribromophenol	16.04	330	53	0.06	ng	0.07
15) 2-Fluorobiphenyl	13.13	172	2151	0.27	ng	0.04
25) Fluoranthene-d10	19.26	212	22777	0.28	ng	0.01
29) Terphenyl-d14	19.86	244	3865	0.30	ng	0.01

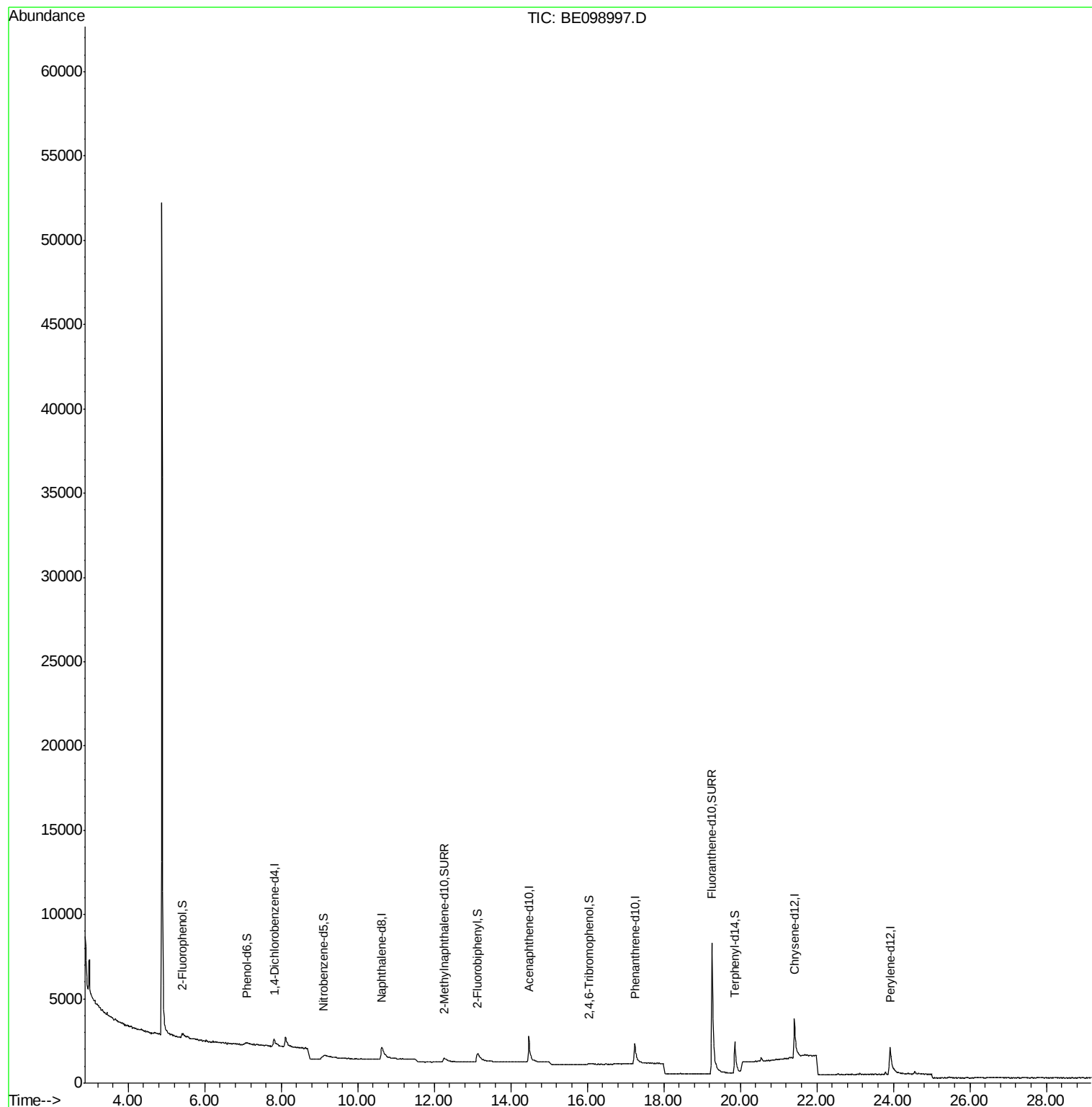
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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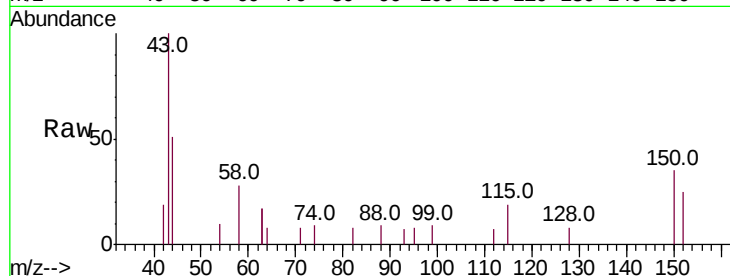


#1

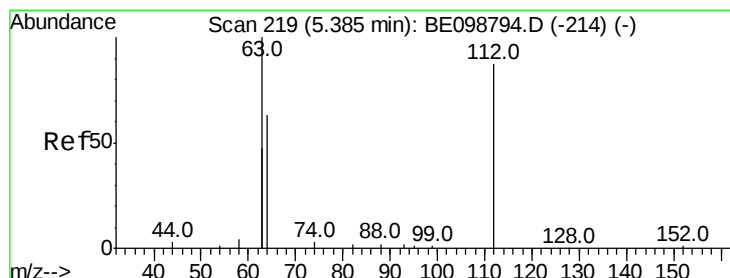
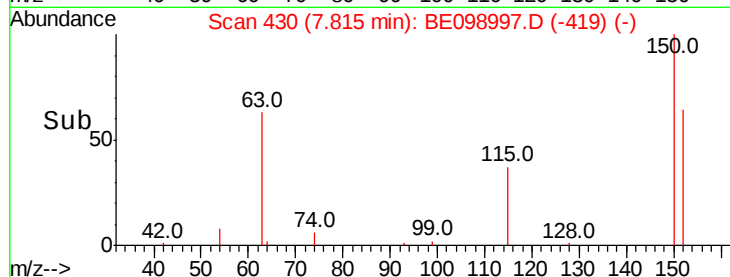
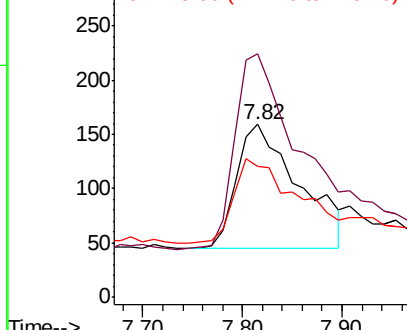
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE098997.D
Acq: 18 Mar 2019 12:46

Instrument :
BNA_E
ClientSampleId :
PB117963BL

Tot Ion:152 Resp: 495
Ion Ratio Lower Upper
152 100
150 140.9 122.5 183.7
115 76.1 57.4 86.2



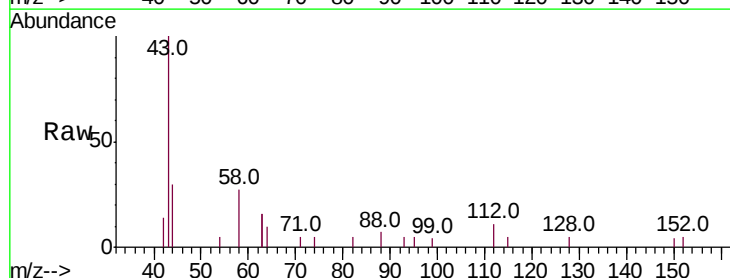
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



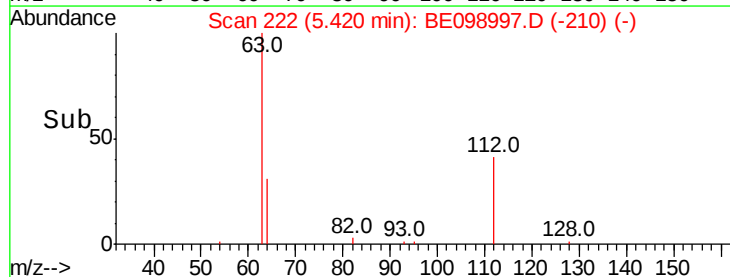
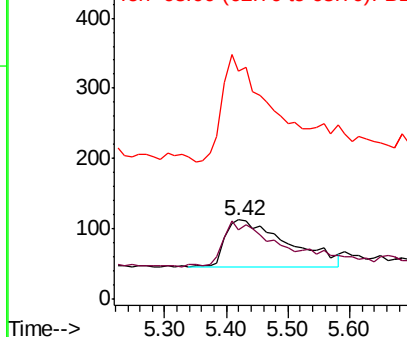
#4

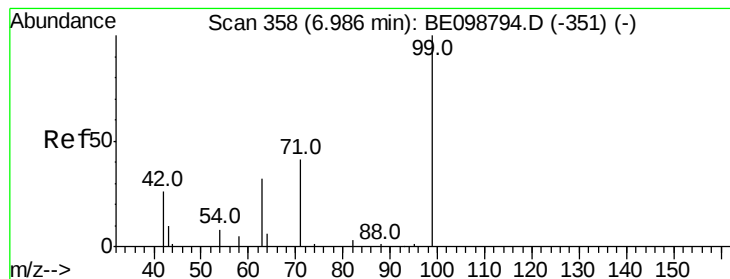
2-Fluorophenol
Concen: 0.332 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.03 min
Lab File: BE098997.D
Acq: 18 Mar 2019 12:46

Tgt Ion:112 Resp: 491
Ion Ratio Lower Upper
112 100
64 95.1 57.9 86.9#
63 171.9 158.3 237.5



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: 0.136 ng

RT: 7.10 min Scan# 368

Delta R.T. 0.12 min

Lab File: BE098997.D

Acq: 18 Mar 2019 12:46

Instrument :

BNA_E

ClientSampleId :

PB117963BL

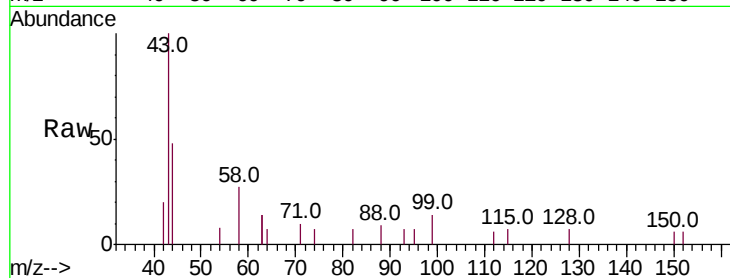
Tot Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 46.0 24.2 36.2#

71 43.9 35.7 53.5

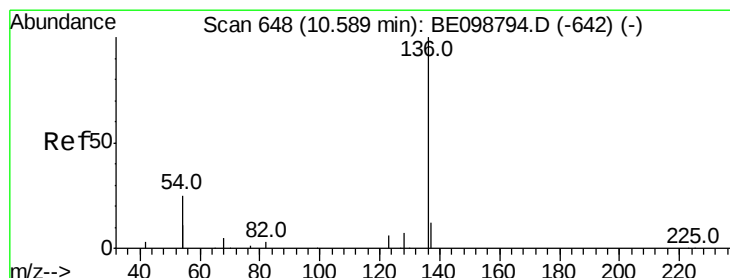
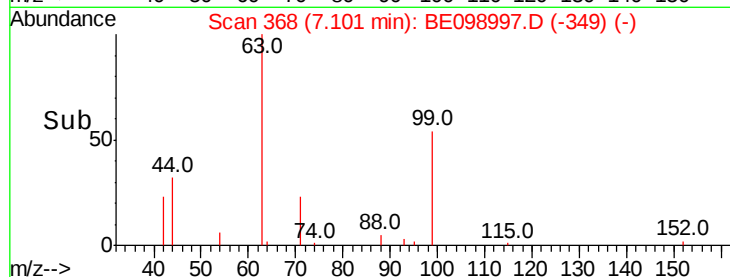
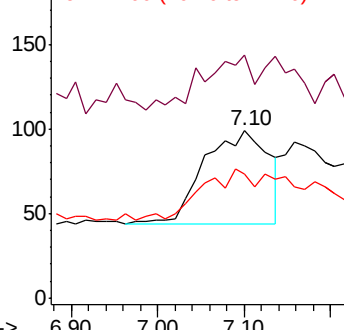


Abundance

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: BE098997.D

Acq: 18 Mar 2019 12:46

Tgt Ion: 136 Resp: 2359

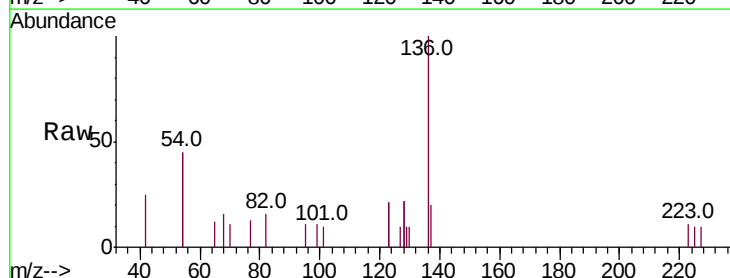
Ion Ratio Lower Upper

136 100

137 20.5 11.4 17.0#

54 89.2 39.3 58.9#

68 16.2 6.7 10.1#



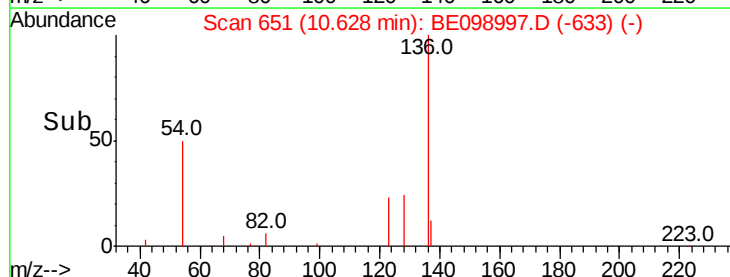
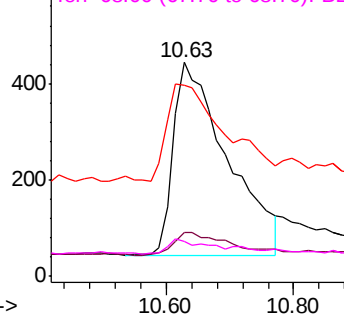
Abundance

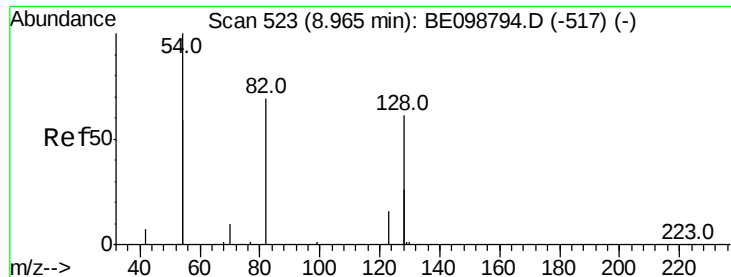
Ion 136.00 (135.70 to 136.70): E

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: 0.096 ng

RT: 9.09 min Scan# 533

Delta R.T. 0.13 min

Lab File: BE098997.D

Acq: 18 Mar 2019 12:46

Instrument :

BNA_E

ClientSampleId :

PB117963BL

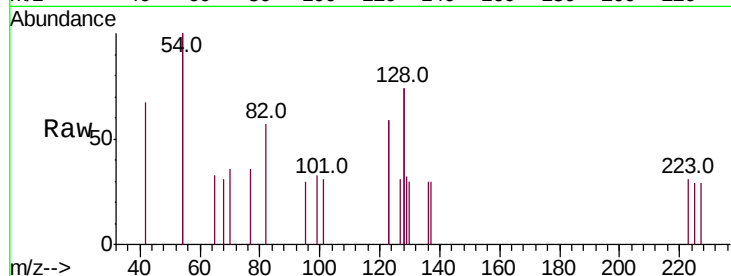
Tot Ion: 82 Resp: 238

Ion Ratio Lower Upper

82 100

128 262.8 123.8 185.8#

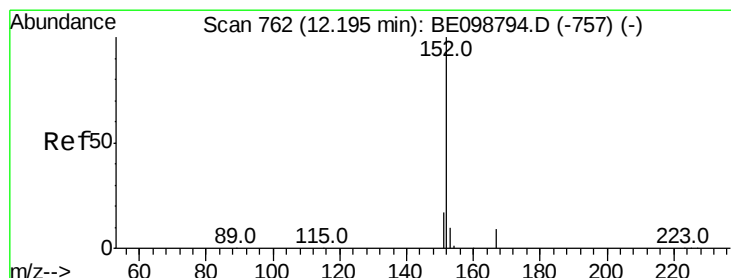
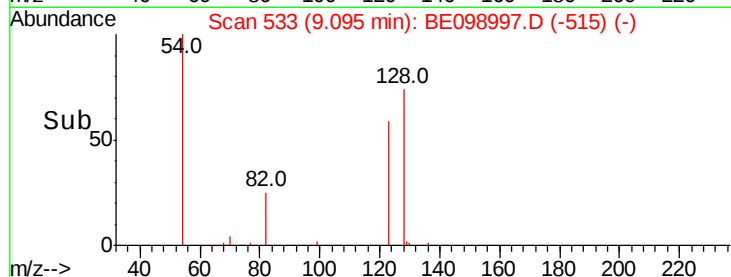
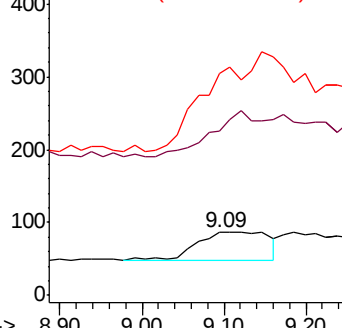
54 353.5 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.07 min

Lab File: BE098997.D

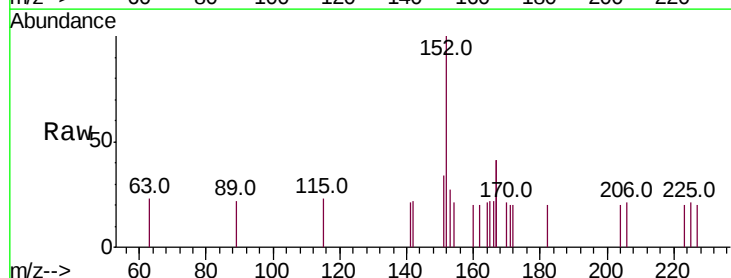
Acq: 18 Mar 2019 12:46

Tgt Ion: 152 Resp: 1352

Ion Ratio Lower Upper

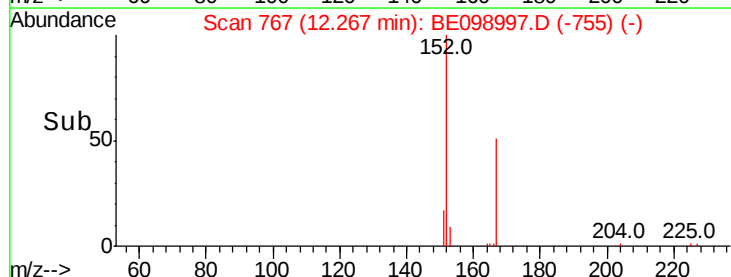
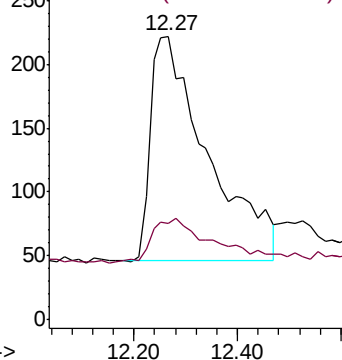
152 100

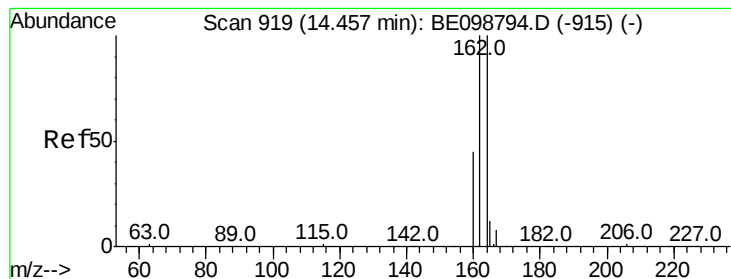
151 20.1 16.5 24.7



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: BE098997.D

Acq: 18 Mar 2019 12:46

Instrument :

BNA_E

ClientSampleId :

PB117963BL

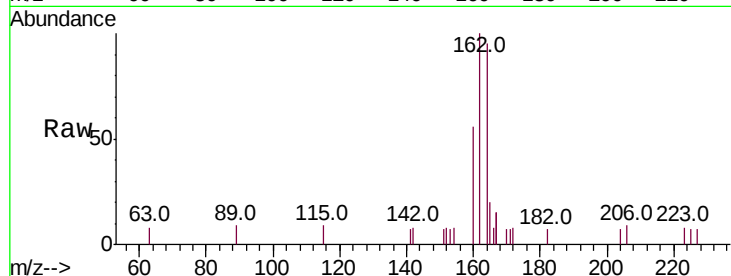
Tot Ion:164 Resp: 1900

Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.2

160 59.0 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

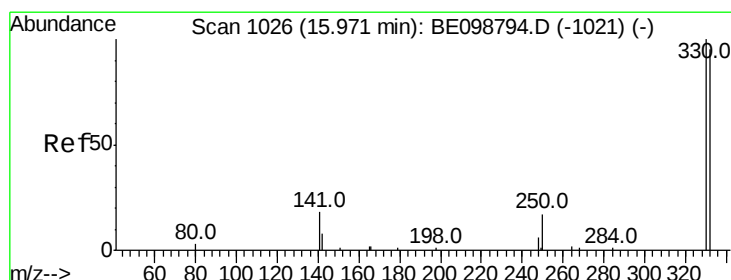
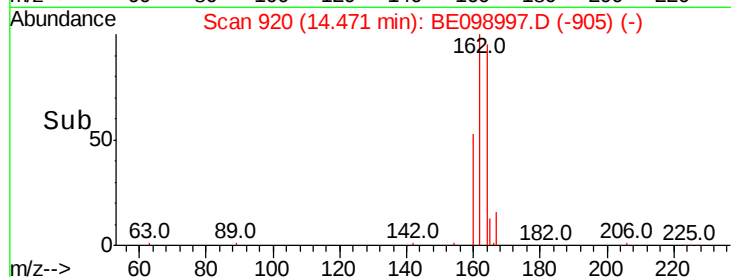
400

200

0

14.40 14.60

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.055 ng

RT: 16.04 min Scan# 1031

Delta R.T. 0.07 min

Lab File: BE098997.D

Acq: 18 Mar 2019 12:46

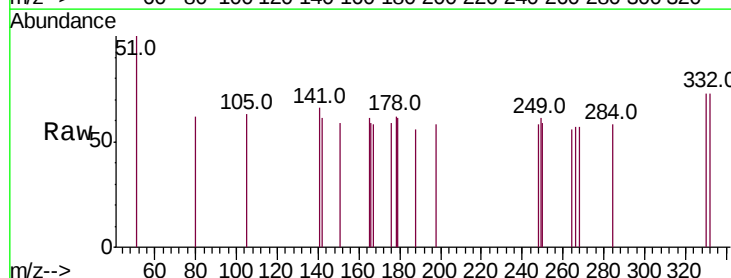
Tgt Ion:330 Resp: 53

Ion Ratio Lower Upper

330 100

332 149.1 77.6 116.4#

141 71.7 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

16.04

80

60

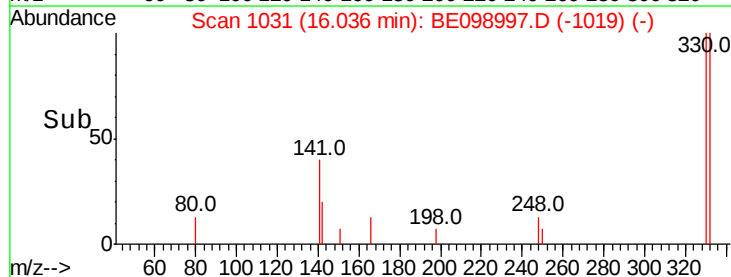
40

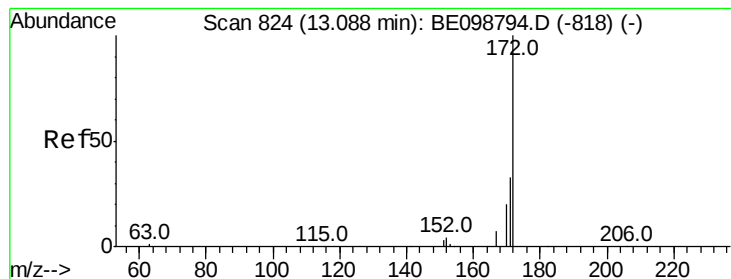
20

0

15.95 16.00 16.05 16.10

Time-->





#15

2-Fluorobiphenyl

Concen: 0.273 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.04 min

Lab File: BE098997.D

Acq: 18 Mar 2019 12:46

Instrument :

BNA_E

ClientSampleId :

PB117963BL

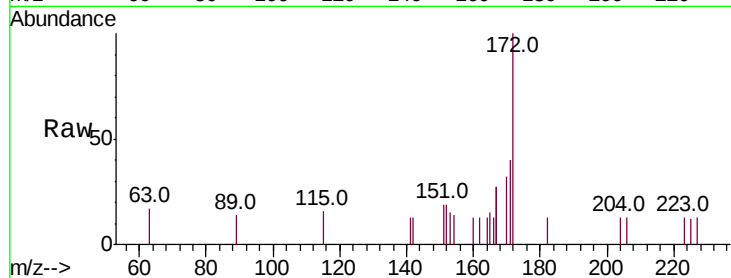
Tot Ion:172 Resp: 2151

Ion Ratio Lower Upper

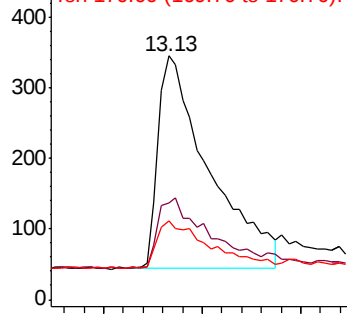
172 100

171 39.7 28.0 42.0

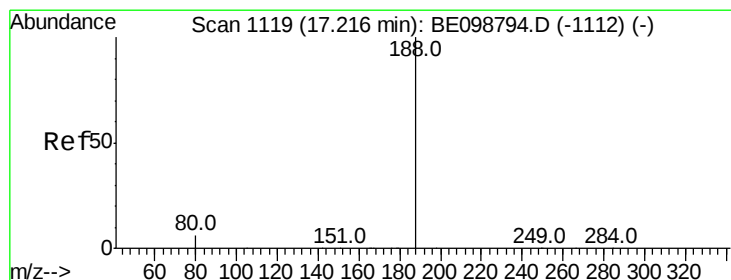
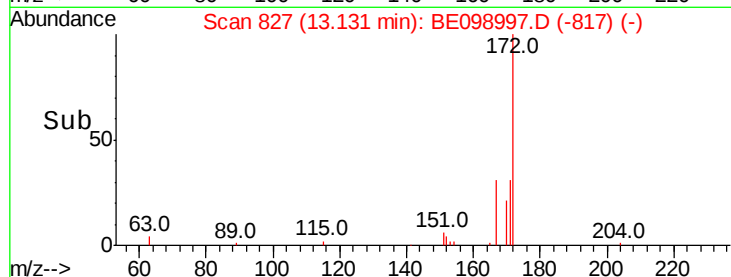
170 32.2 17.7 26.5#



Abundance Ion 172.00 (171.70 to 172.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.03 min

Lab File: BE098997.D

Acq: 18 Mar 2019 12:46

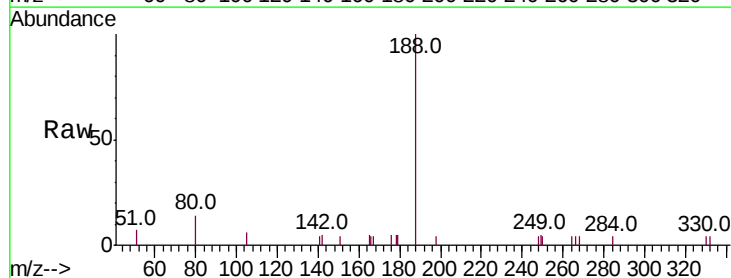
Tgt Ion:188 Resp: 5056

Ion Ratio Lower Upper

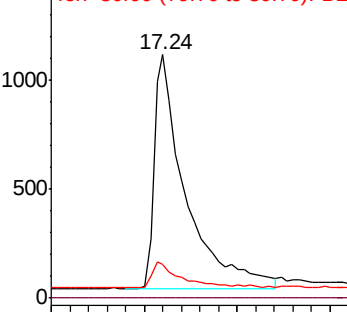
188 100

94 0.0 0.0 0.0

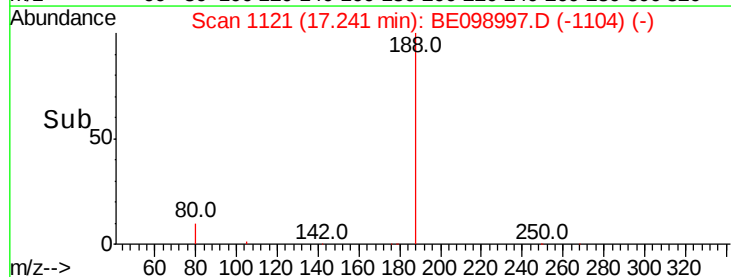
80 13.8 6.3 9.5#

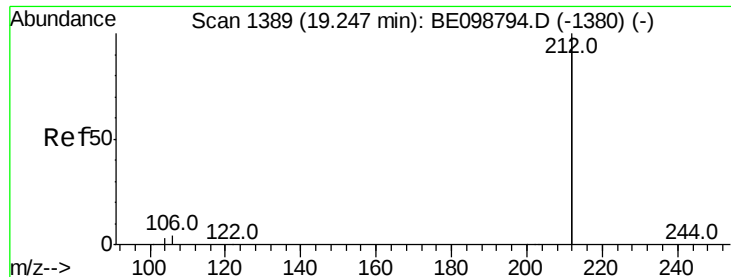


Abundance Ion 188.00 (187.70 to 188.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.282 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE098997.D

Acq: 18 Mar 2019 12:46

Instrument :

BNA_E

ClientSampleId :

PB117963BL

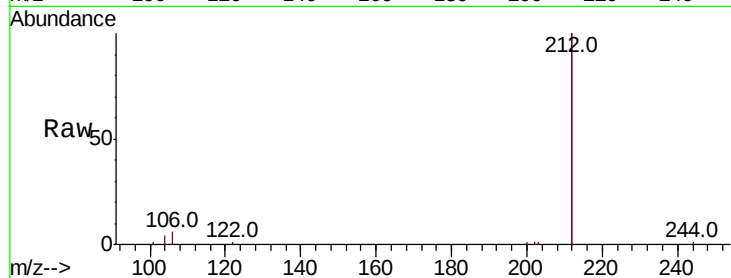
Tot Ion:212 Resp: 22777

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

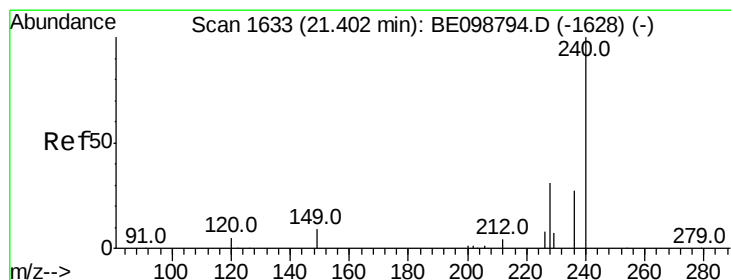
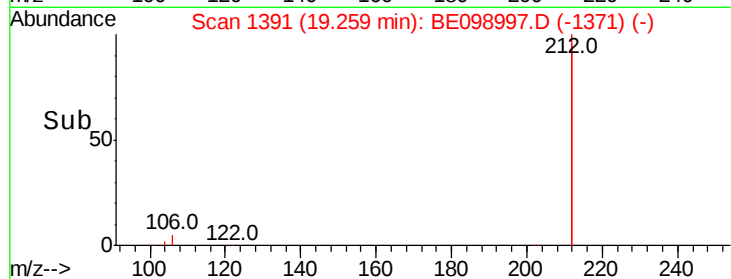
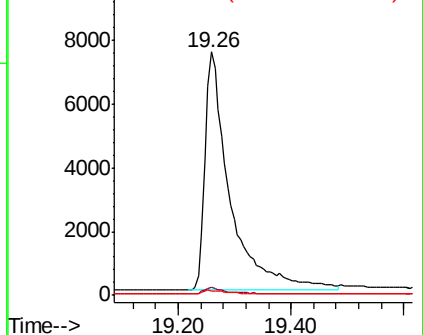
104 1.2 1.0 1.6



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: BE098997.D

Acq: 18 Mar 2019 12:46

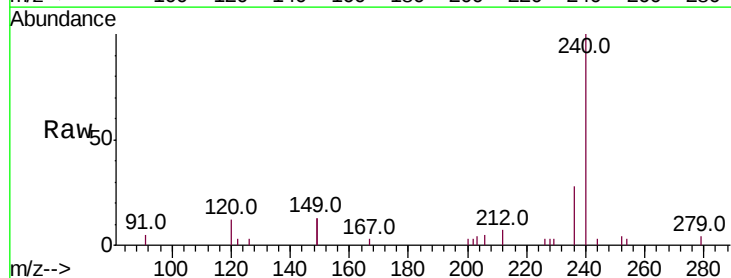
Tgt Ion:240 Resp: 5326

Ion Ratio Lower Upper

240 100

120 12.0 5.0 7.4#

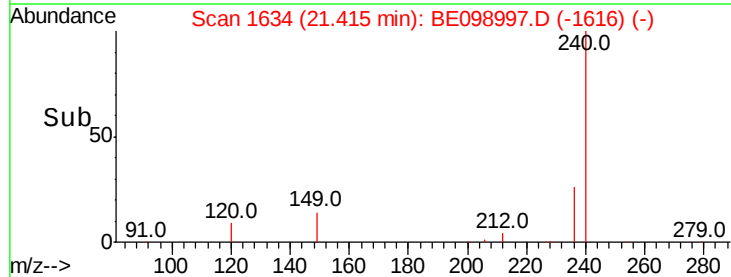
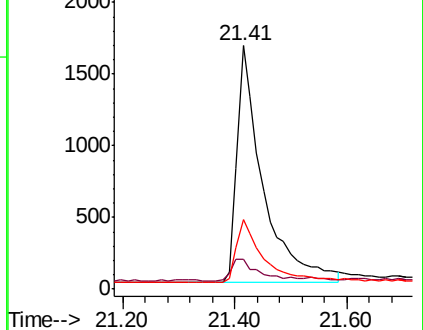
236 28.5 22.7 34.1

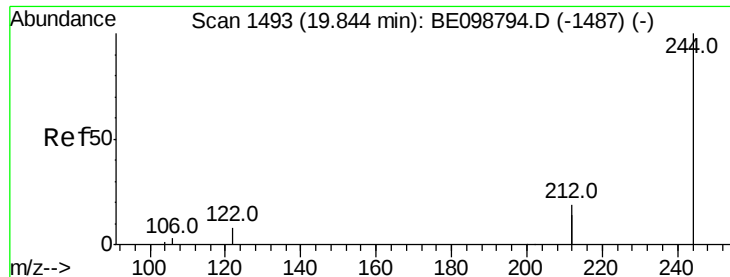


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.299 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE098997.D

Acq: 18 Mar 2019 12:46

Instrument :

BNA_E

ClientSampleId :

PB117963BL

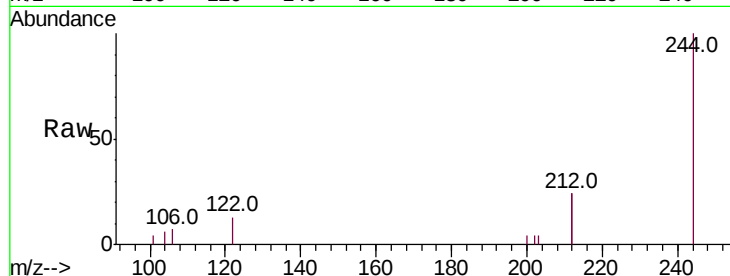
Tot Ion:244 Resp: 3865

Ion Ratio Lower Upper

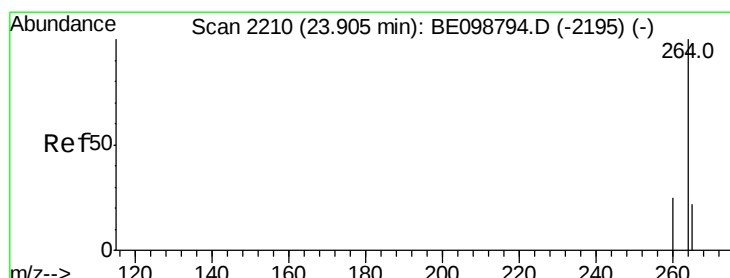
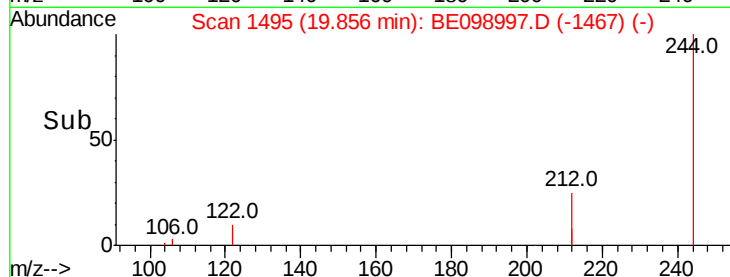
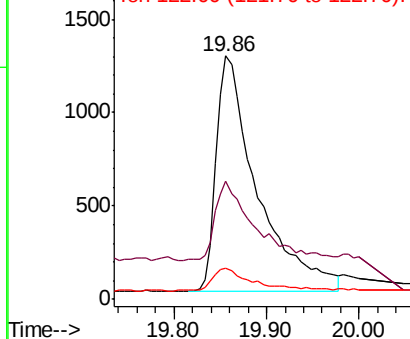
244 100

212 48.8 29.4 44.2#

122 12.9 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# 2212

Delta R.T. 0.01 min

Lab File: BE098997.D

Acq: 18 Mar 2019 12:46

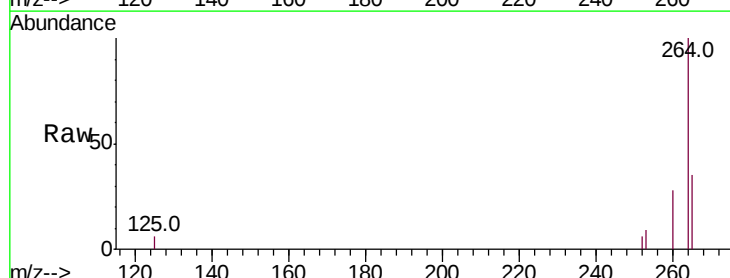
Tgt Ion:264 Resp: 4680

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

265 35.2 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

