

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098926.D
 Acq On : 14 Mar 2019 1:16
 Operator : JU/SJ
 Sample : K1860-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:57:28 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

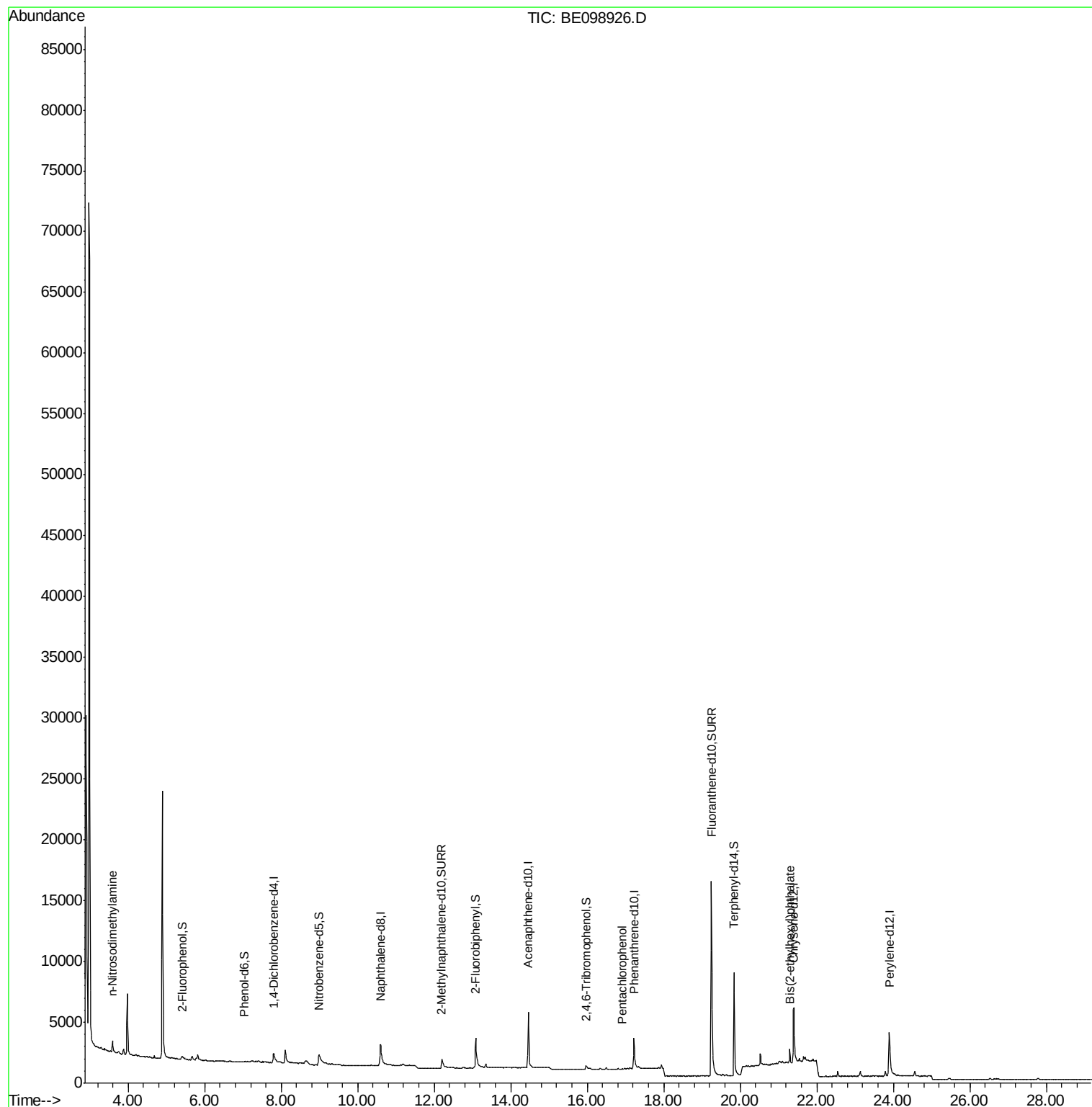
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	756	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3491	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2585	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5962	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7595	0.40	ng	0.00
34) Perylene-d12	23.89	264	7387	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	245	0.11	ng	0.02
5) Phenol-d6	7.04	99	140	0.04	ng	0.06
8) Nitrobenzene-d5	8.99	82	1108	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	2142	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	344	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4371	0.41	ng	0.00
25) Fluoranthene-d10	19.25	212	30799	0.32	ng	0.00
29) Terphenyl-d14	19.84	244	9186	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	10	Below Cal	#	1
3) n-Nitrosodimethylamine	3.59	42	144	0.076 ng	#	14
22) Pentachlorophenol	16.91	266	32	0.289 ng		92
32) Bis(2-ethylhexyl)phthalate	21.29	149	1365	0.027 ng	#	97

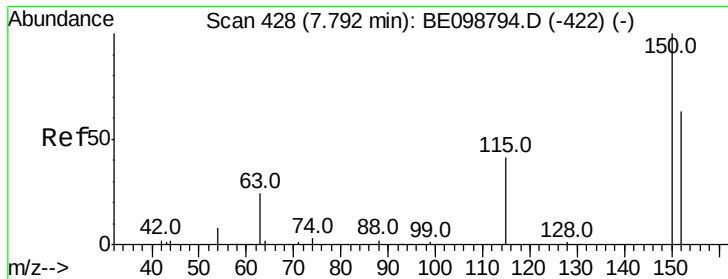
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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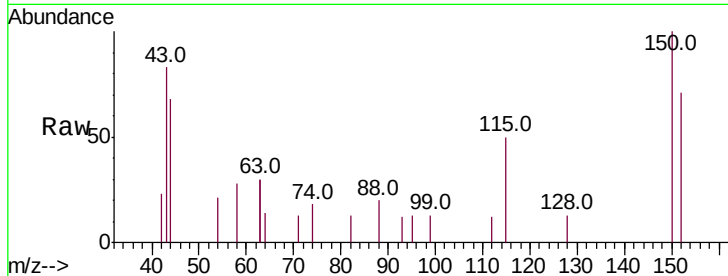


#1

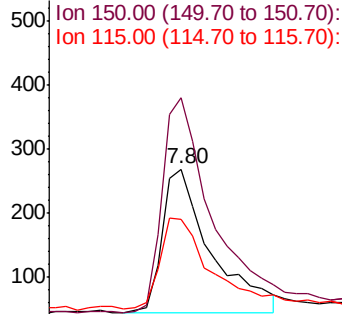
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098926.D
Acq: 14 Mar 2019 1:16

Instrument :
BNA_E
ClientSampleId :

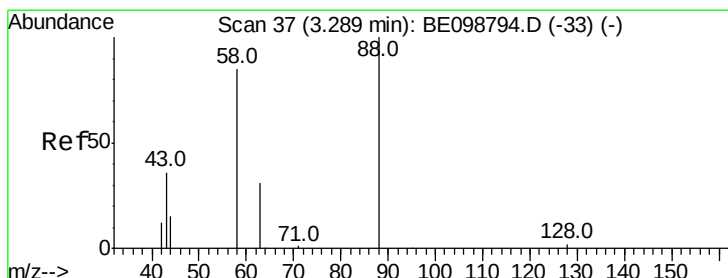
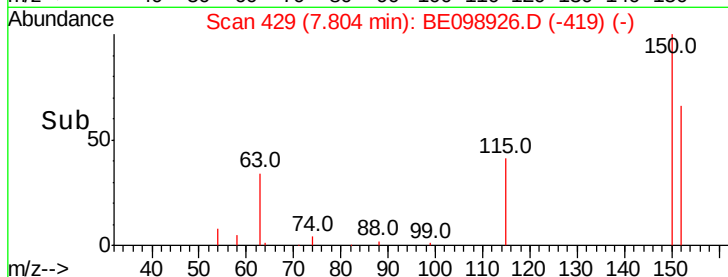
Tot Ion:152 Resp: 756
Ion Ratio Lower Upper
152 100
150 141.4 122.5 183.7
115 71.3 57.4 86.2



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



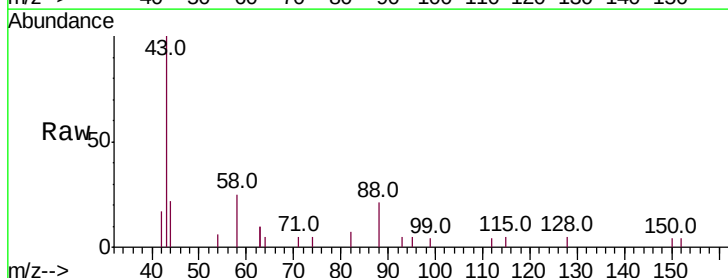
Time-->



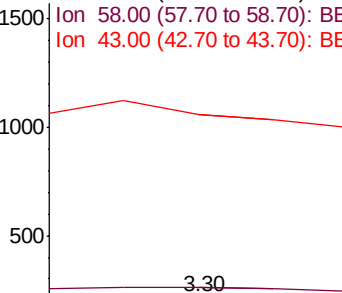
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.30 min Scan# 38
Delta R.T. 0.01 min
Lab File: BE098926.D
Acq: 14 Mar 2019 1:16

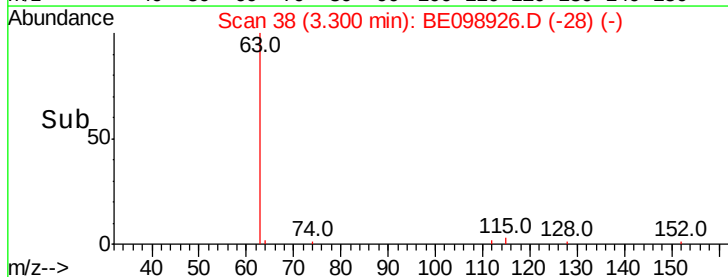
Tgt Ion: 88 Resp: 10
Ion Ratio Lower Upper
88 100
58 840.0 75.8 113.6#
43 3820.0 41.8 62.8#

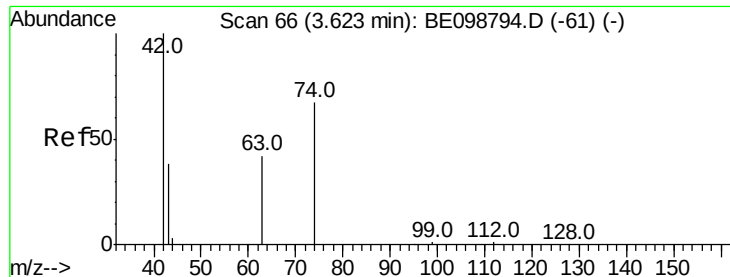


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.076 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.03 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

Instrument :

BNA_E

ClientSampleId :

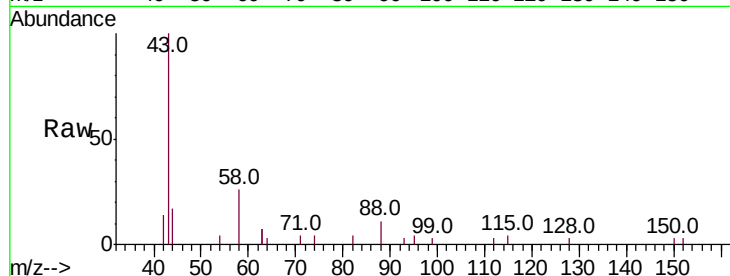
Tot Ion: 42 Resp: 144

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

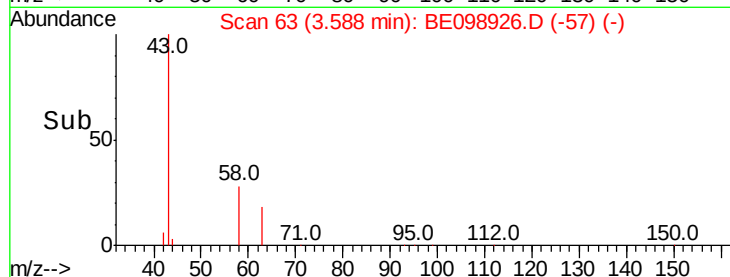
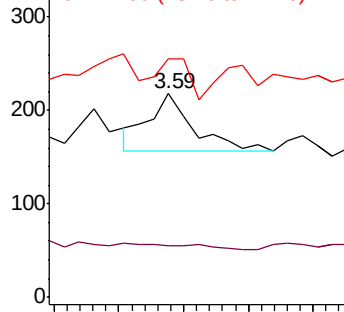
44 42.4 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

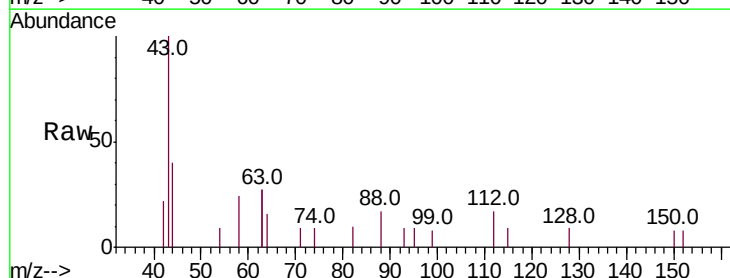
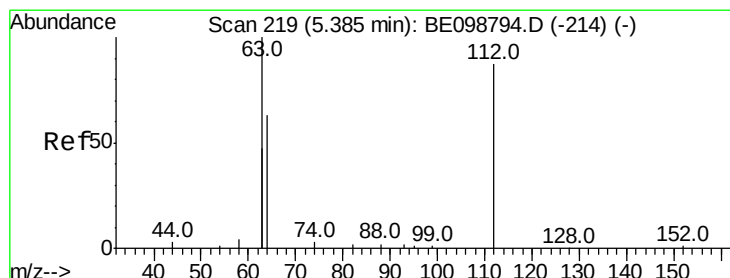
Tgt Ion: 112 Resp: 245

Ion Ratio Lower Upper

112 100

64 103.7 57.9 86.9#

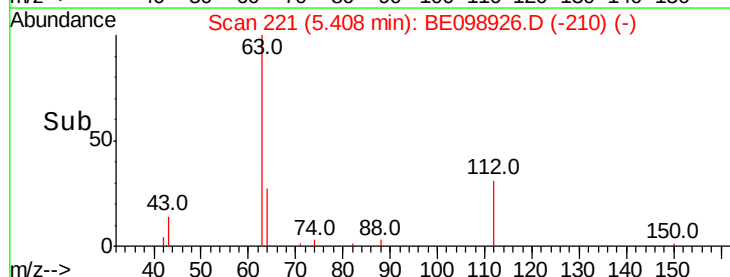
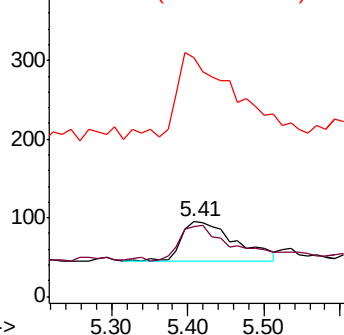
63 0.0 158.3 237.5#

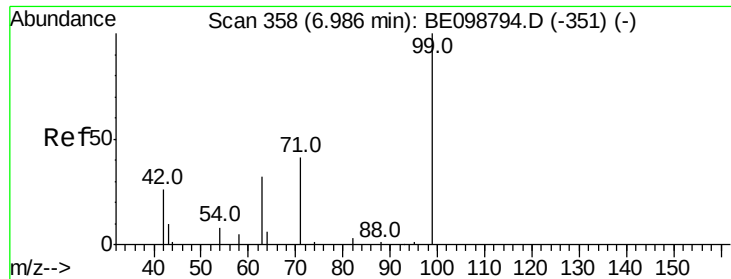


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.044 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

Instrument :

BNA_E

ClientSampled :

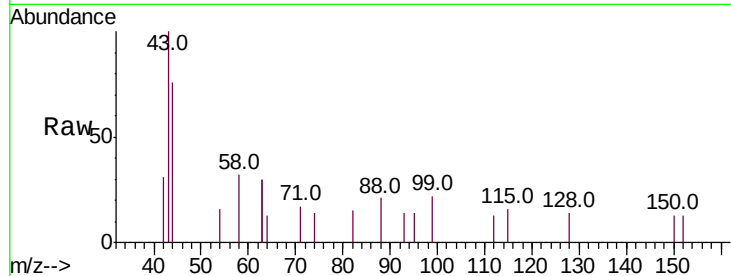
Tot Ion: 99 Resp: 140

Ion Ratio Lower Upper

99 100

42 42.1 24.2 36.2#

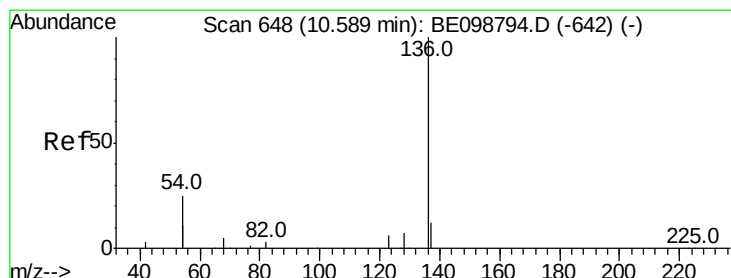
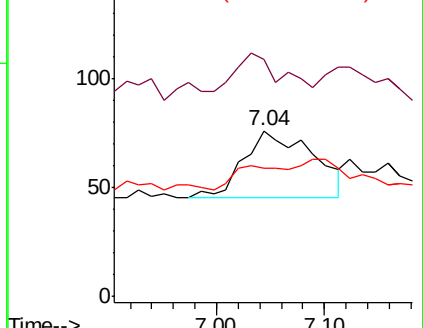
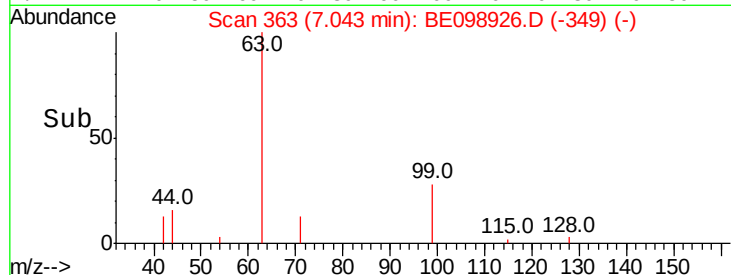
71 26.4 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

Tgt Ion: 136 Resp: 3491

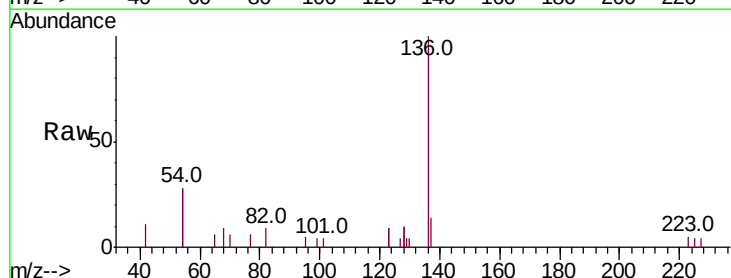
Ion Ratio Lower Upper

136 100

137 14.3 11.4 17.0

54 56.6 39.3 58.9

68 9.1 6.7 10.1

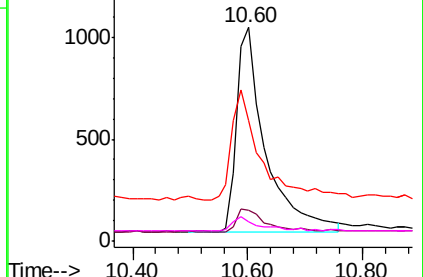
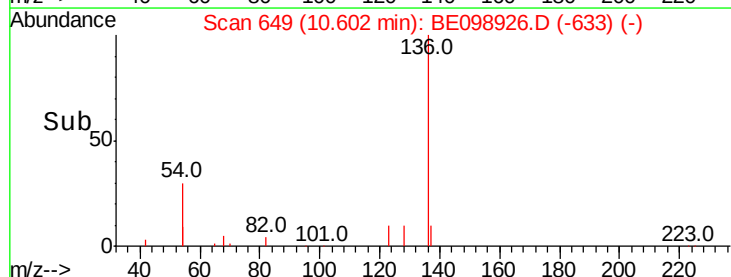


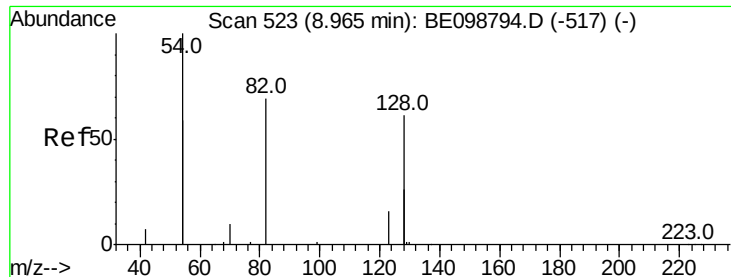
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.303 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

Instrument :

BNA_E

ClientSampled :

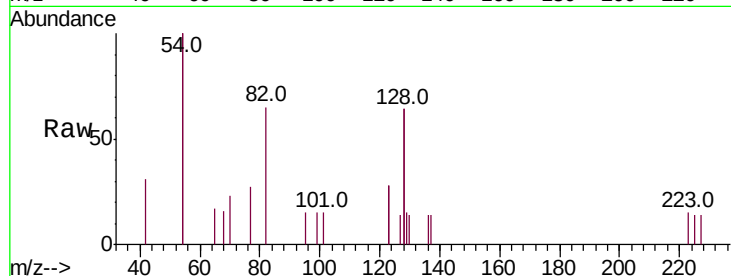
Tot Ion: 82 Resp: 1108

Ion Ratio Lower Upper

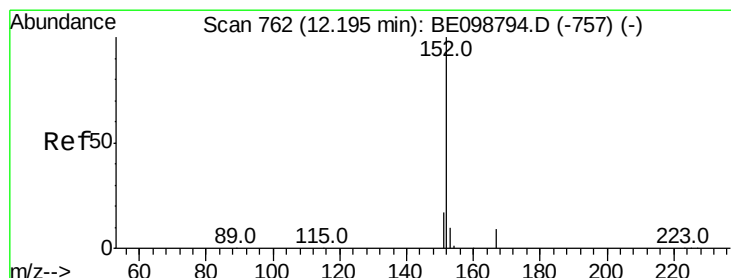
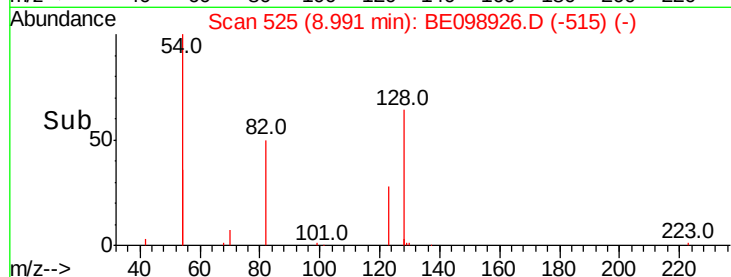
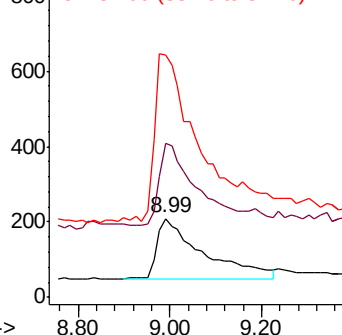
82 100

128 194.3 123.8 185.8#

54 305.7 203.4 305.2#



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: 0.332 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098926.D

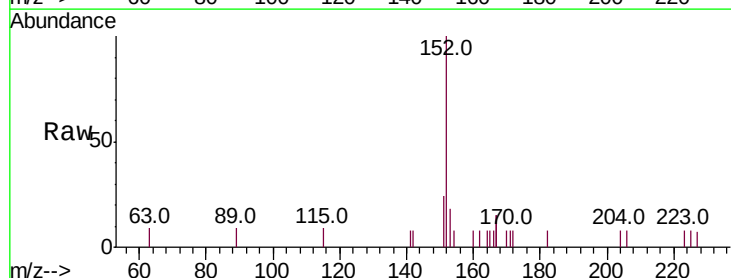
Acq: 14 Mar 2019 1:16

Tgt Ion: 152 Resp: 2142

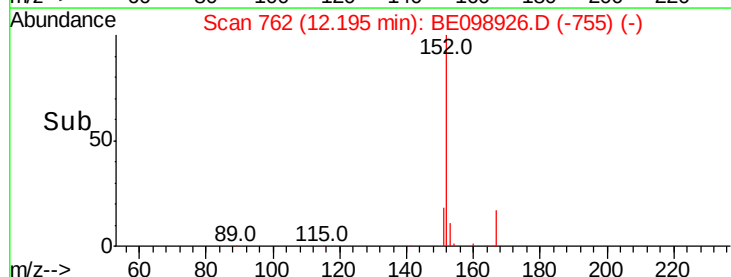
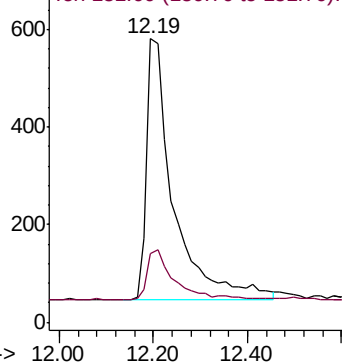
Ion Ratio Lower Upper

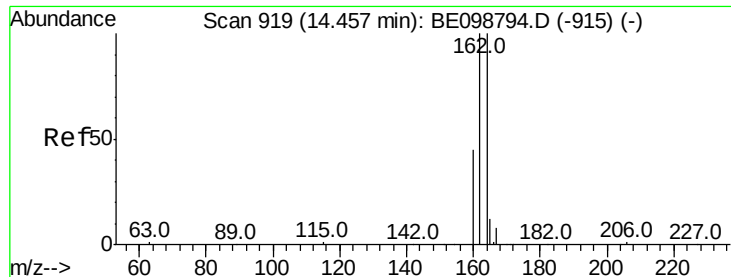
152 100

151 19.1 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: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

Instrument :

BNA_E

ClientSampleId :

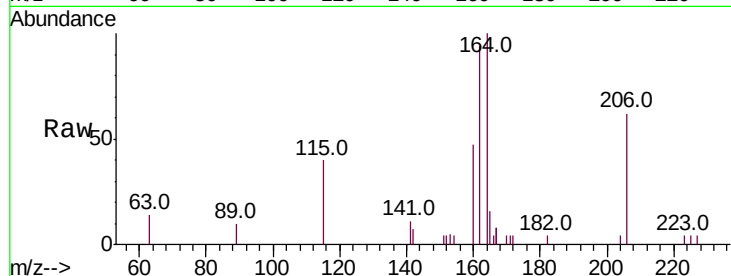
Tot Ion:164 Resp: 2585

Ion Ratio Lower Upper

164 100

162 94.1 80.2 120.2

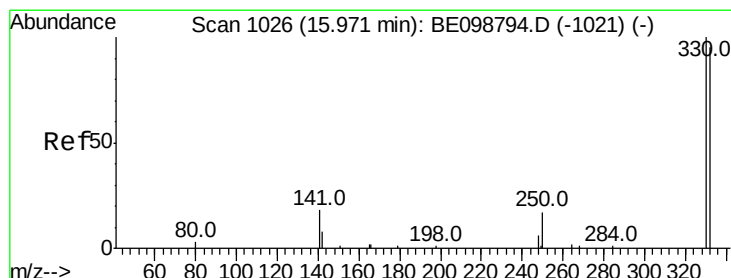
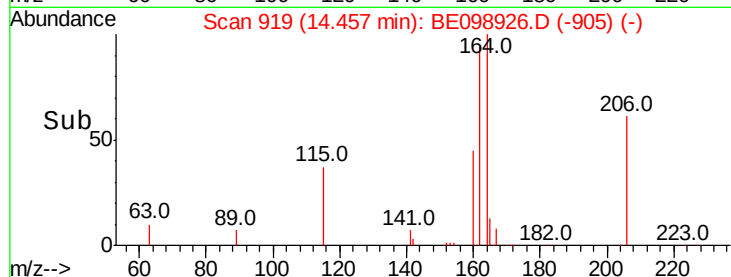
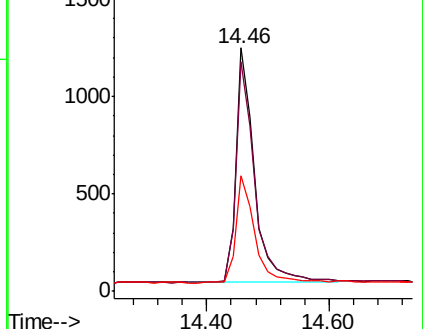
160 47.3 37.8 56.8



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

2,4,6-Tribromophenol

Concen: 0.264 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

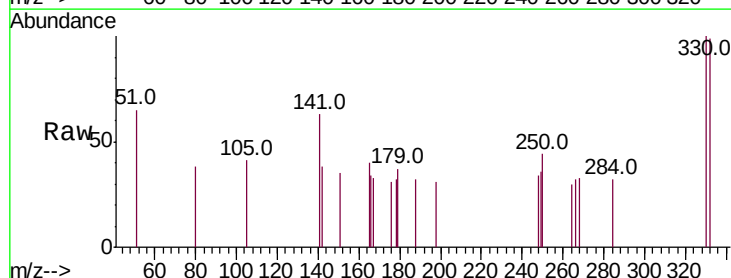
Tgt Ion:330 Resp: 344

Ion Ratio Lower Upper

330 100

332 93.0 77.6 116.4

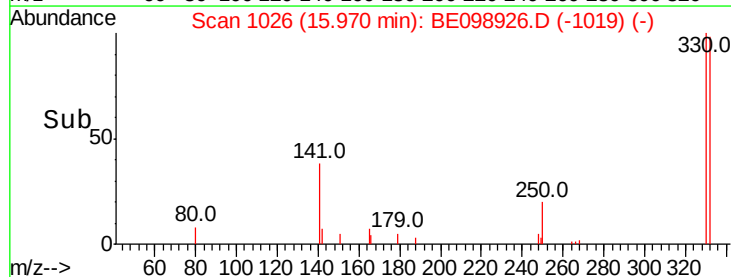
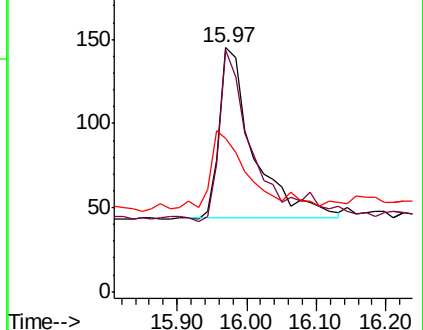
141 44.8 31.0 46.4

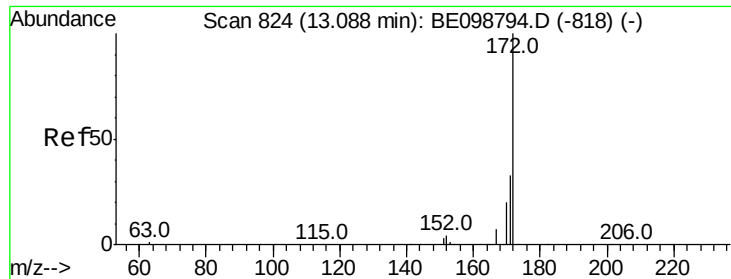


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

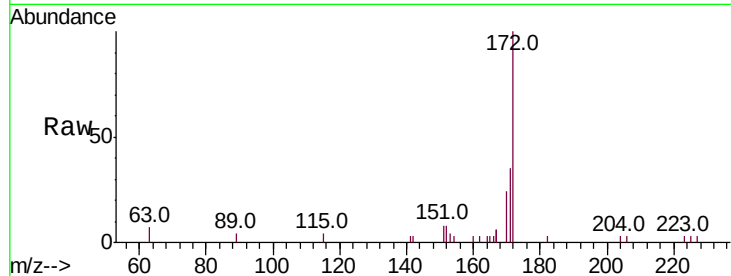




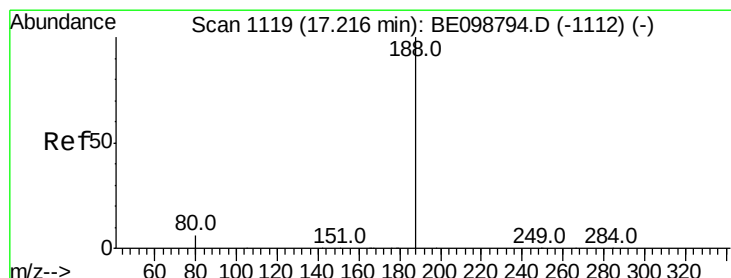
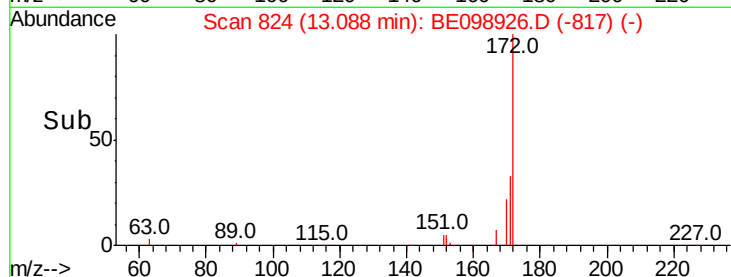
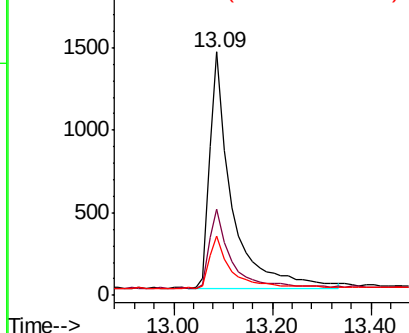
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098926.D
Acq: 14 Mar 2019 1:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4371
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.3 17.7 26.5

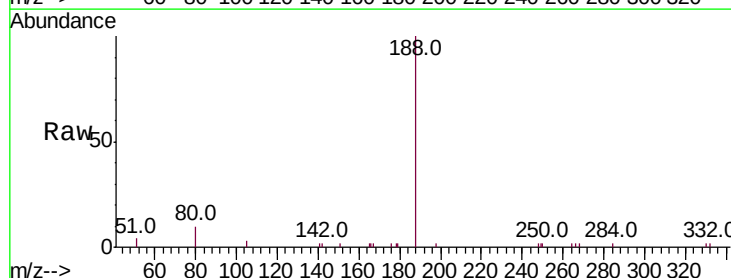


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

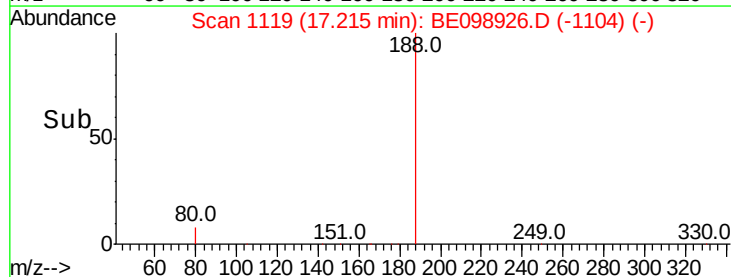
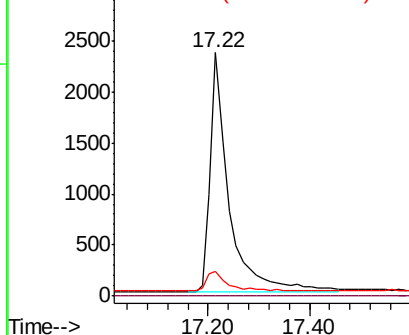


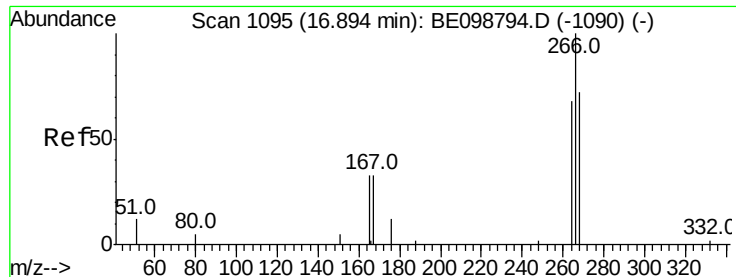
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098926.D
Acq: 14 Mar 2019 1:16

Tgt Ion:188 Resp: 5962
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 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: 0.289 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

Instrument :

BNA_E

ClientSampleId :

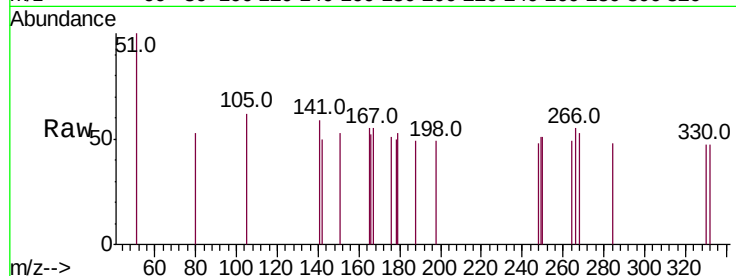
Tot Ion:266 Resp: 32

Ion Ratio Lower Upper

266 100

264 88.5 66.6 100.0

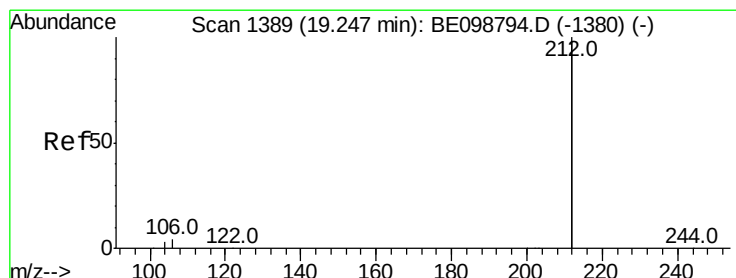
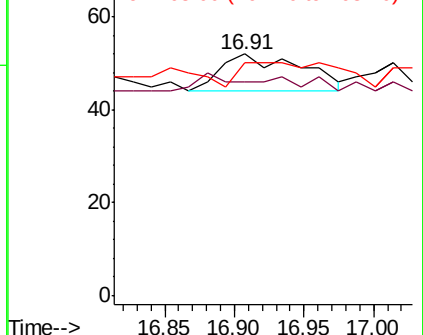
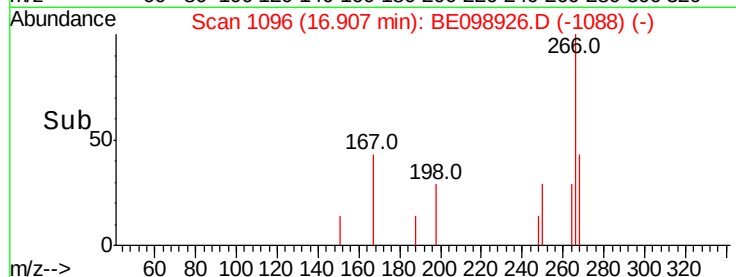
268 96.2 69.8 104.8



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: 0.324 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

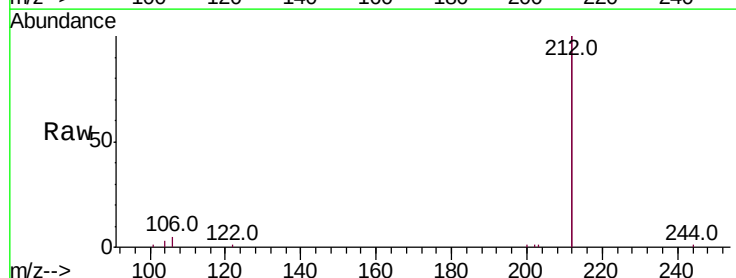
Tgt Ion:212 Resp: 30799

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

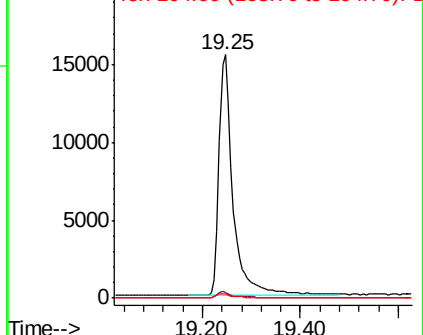
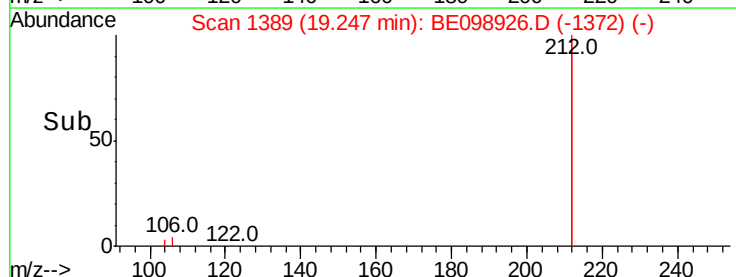
104 1.3 1.0 1.6

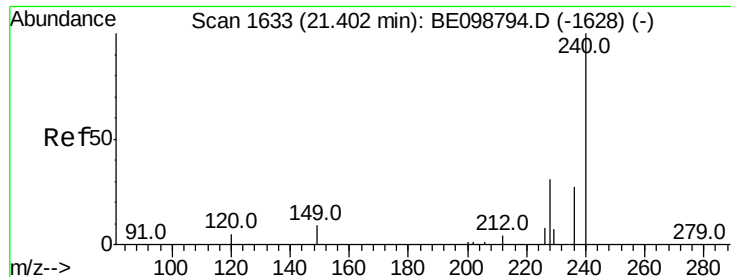


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

Instrument :

BNA_E

ClientSampleId :

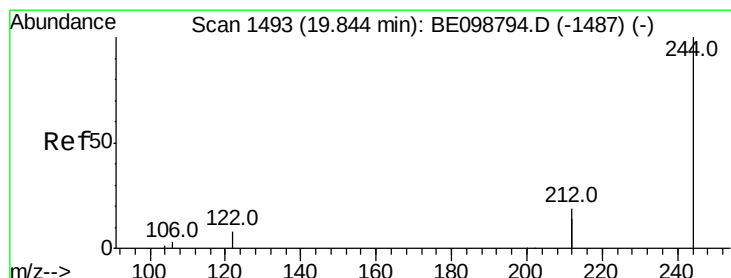
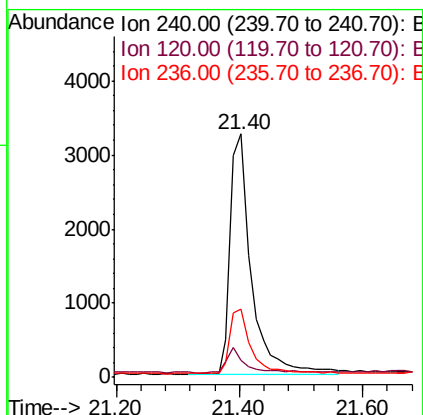
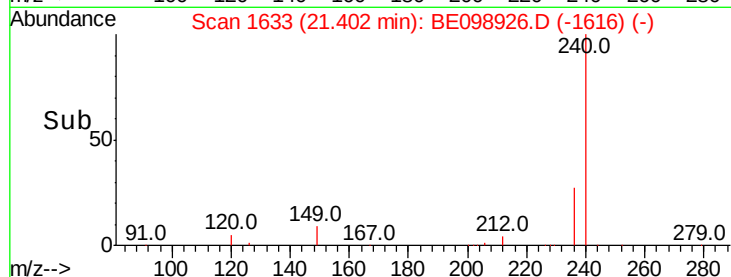
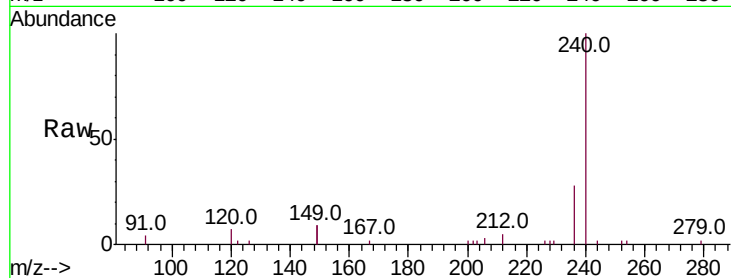
Tot Ion:240 Resp: 7595

Ion Ratio Lower Upper

240 100

120 7.0 5.0 7.4

236 28.1 22.7 34.1



#29

Terphenyl-d14

Concen: 0.498 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

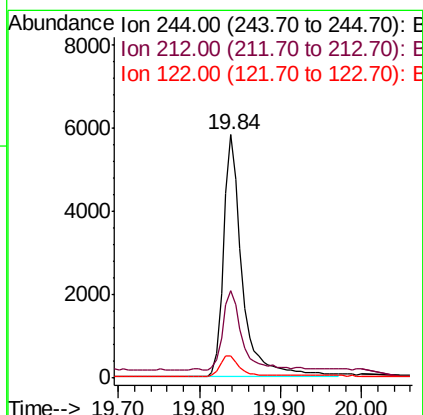
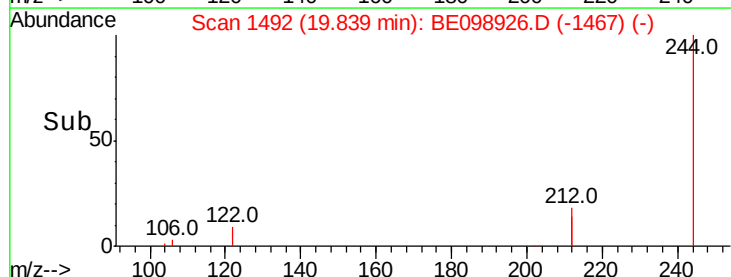
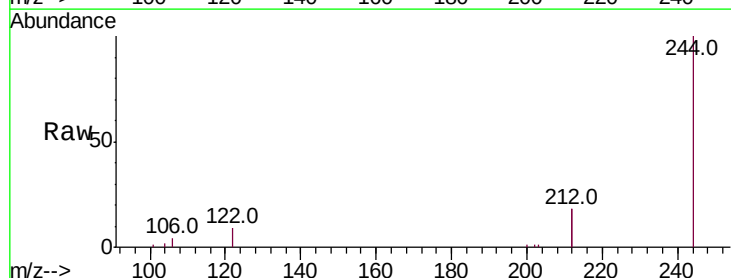
Tgt Ion:244 Resp: 9186

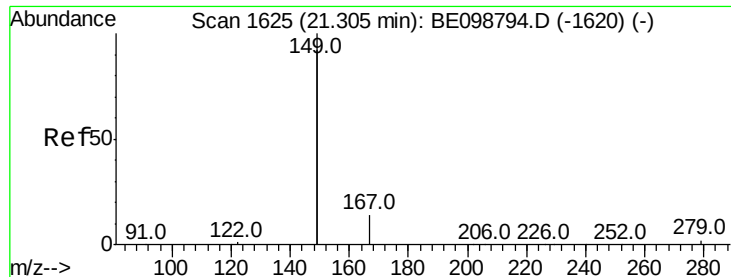
Ion Ratio Lower Upper

244 100

212 35.9 29.4 44.2

122 9.3 7.1 10.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

Instrument :

BNA_E

ClientSampleId :

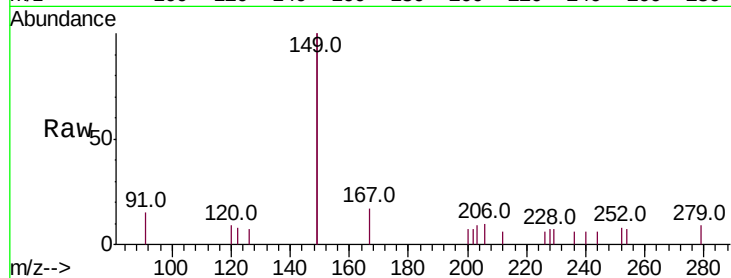
Tot Ion:149 Resp: 1365

Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

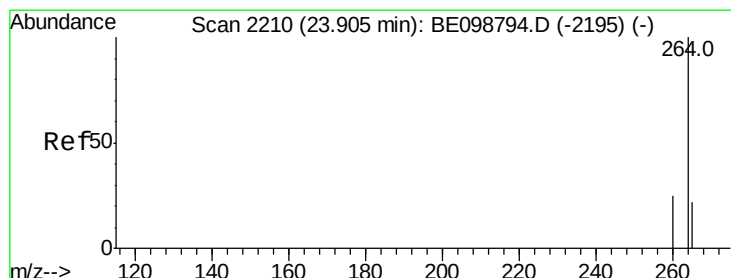
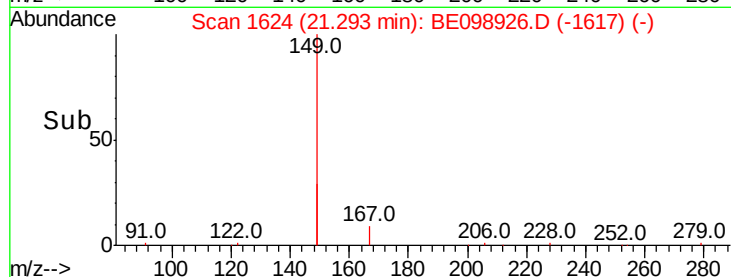
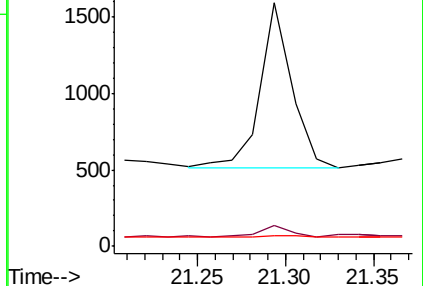
279 2.7 1.0 1.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BE098926.D

Acq: 14 Mar 2019 1:16

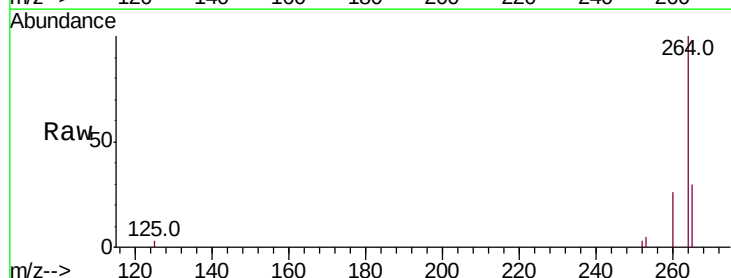
Tgt Ion:264 Resp: 7387

Ion Ratio Lower Upper

264 100

260 25.7 21.2 31.8

265 29.6 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

