

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030619\
 Data File : BE098806.D
 Acq On : 6 Mar 2019 20:02
 Operator : JU/SJ
 Sample : K1659-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T4B-UV(POST)

Quant Time: Mar 07 02:46:22 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

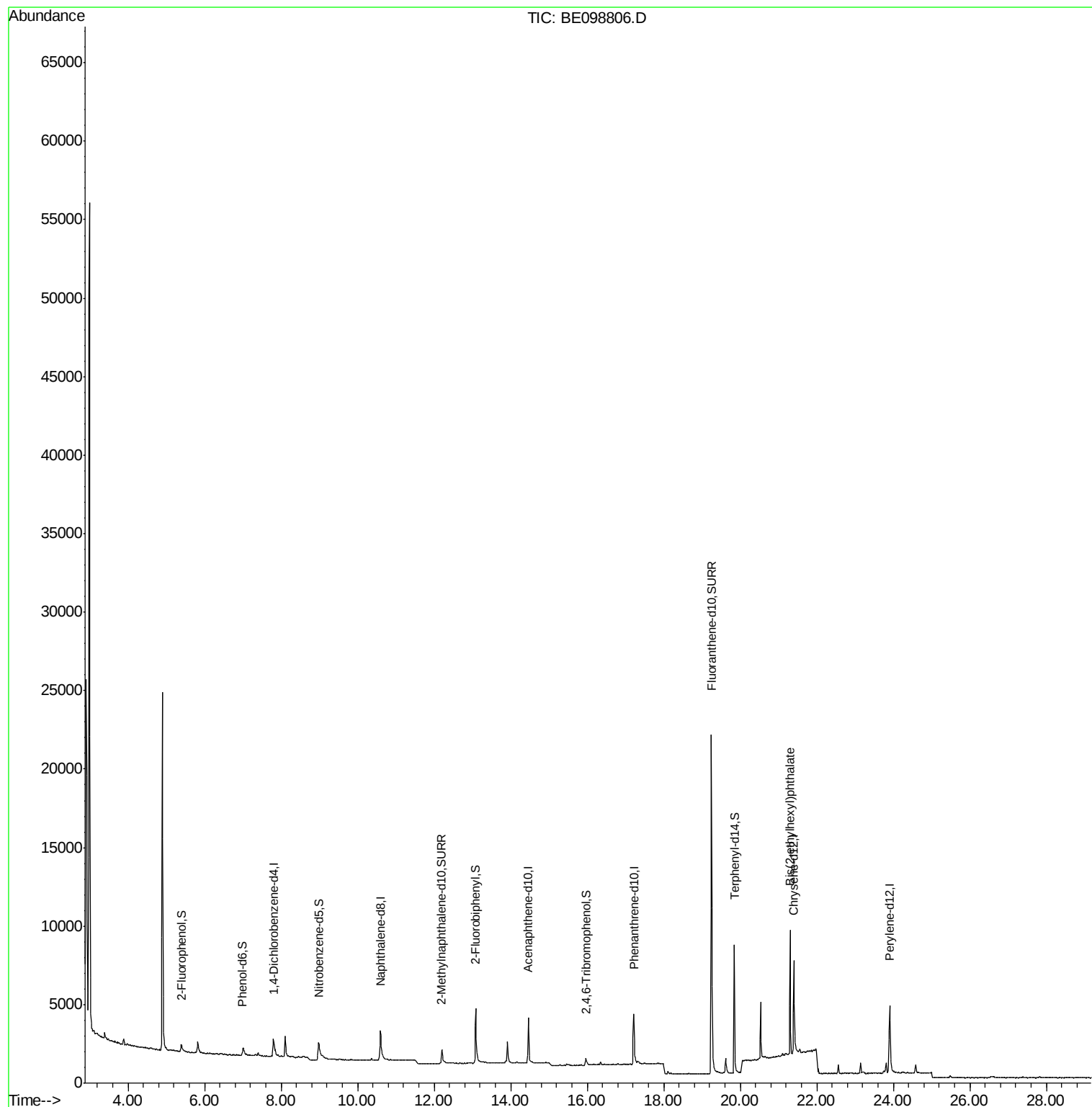
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	782	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3130	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2202	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5552	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7410	0.40	ng	0.00
34) Perylene-d12	23.91	264	7404	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	414	0.18	ng	0.00
5) Phenol-d6	6.99	99	305	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1062	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2123	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	407	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4867	0.53	ng	0.00
25) Fluoranthene-d10	19.25	212	33273	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	8188	0.45	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.31	149	8597	0.175	ng	100

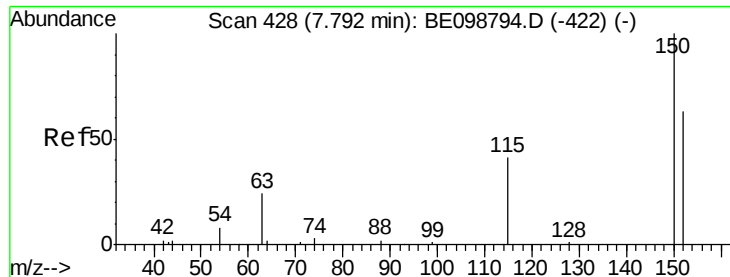
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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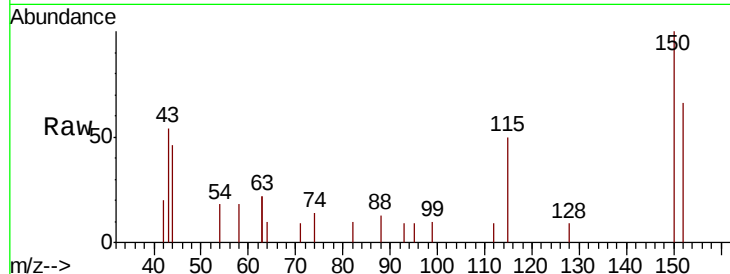


#1

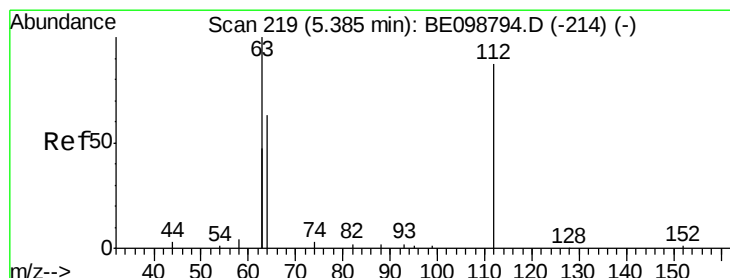
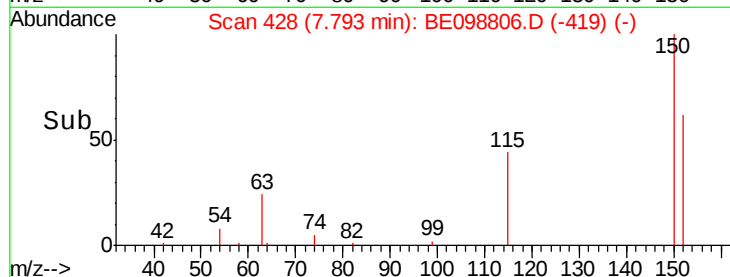
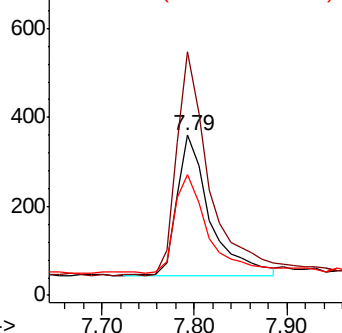
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098806.D
Acq: 6 Mar 2019 20:02

Instrument :
BNA_E
ClientSampleId :
M1-T4B-UV(POST)

Tot Ion:152 Resp: 782
Ion Ratio Lower Upper
152 100
150 151.9 122.5 183.7
115 75.3 57.4 86.2



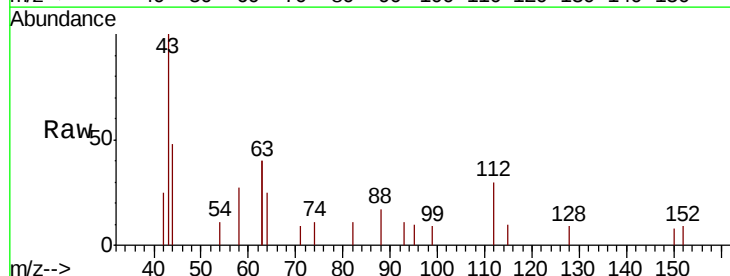
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



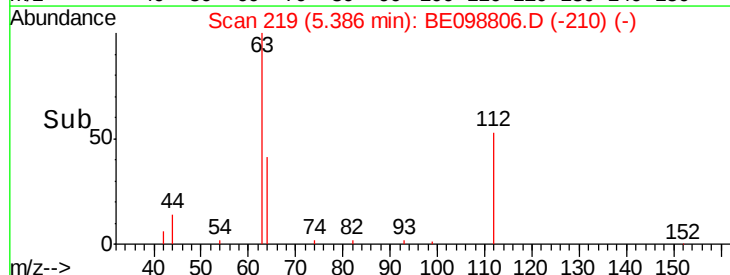
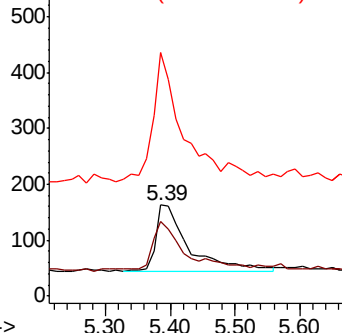
#4

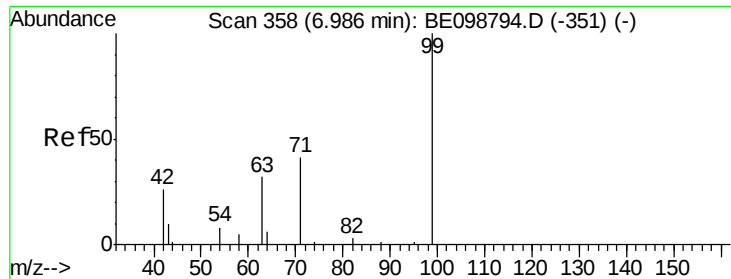
2-Fluorophenol
Concen: 0.177 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098806.D
Acq: 6 Mar 2019 20:02

Tgt Ion:112 Resp: 414
Ion Ratio Lower Upper
112 100
64 68.4 57.9 86.9
63 171.3 158.3 237.5



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: 0.092 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

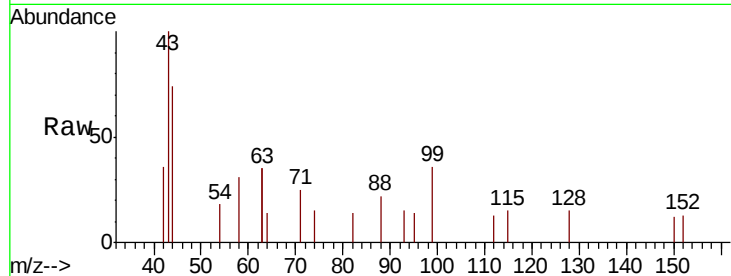
Tot Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 40.0 24.2 36.2#

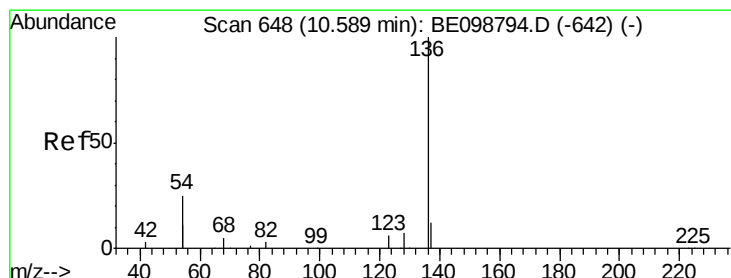
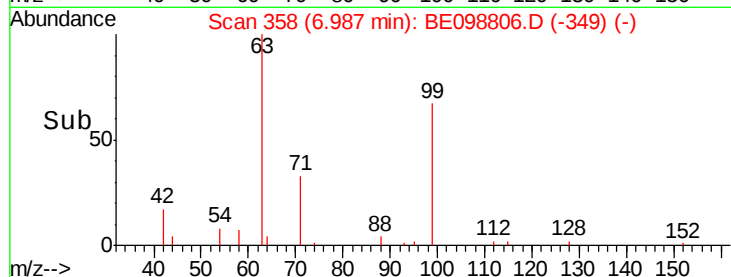
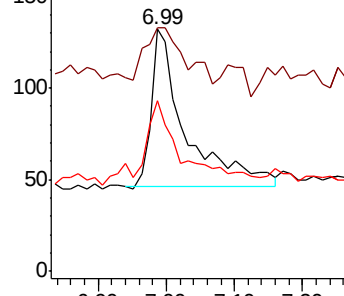
71 61.3 35.7 53.5#



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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Tgt Ion: 136 Resp: 3130

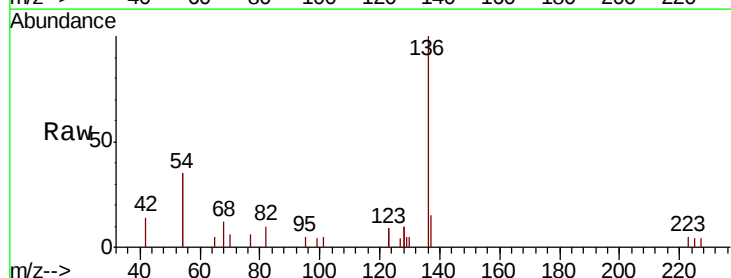
Ion Ratio Lower Upper

136 100

137 15.4 11.4 17.0

54 70.6 39.3 58.9#

68 11.6 6.7 10.1#

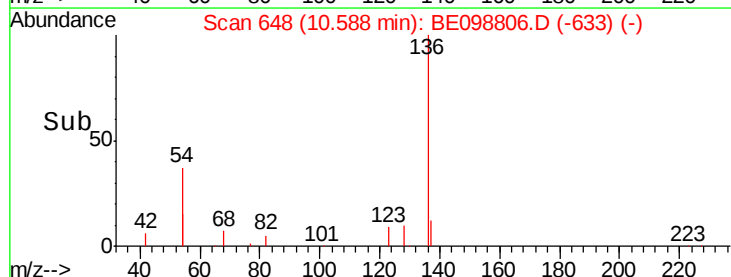
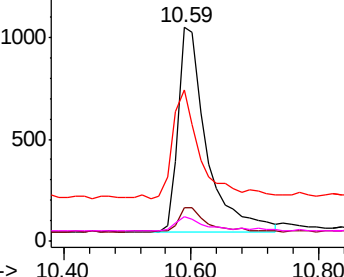


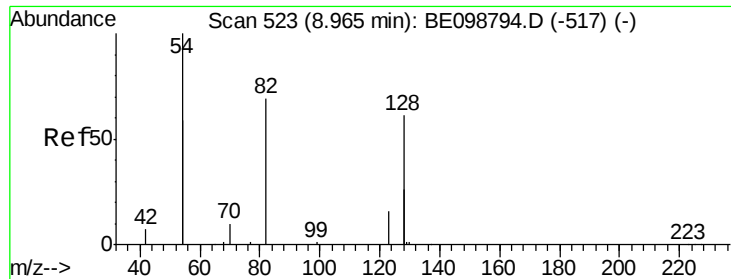
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

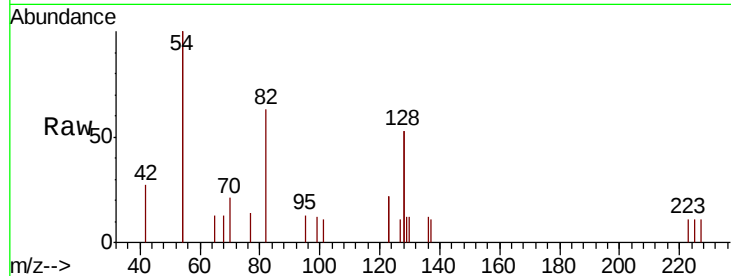
Tot Ion: 82 Resp: 1062

Ion Ratio Lower Upper

82 100

128 169.5 123.8 185.8

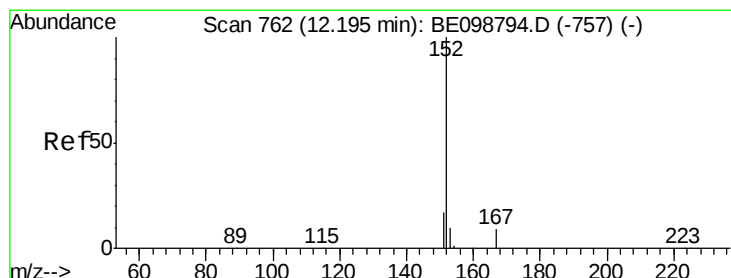
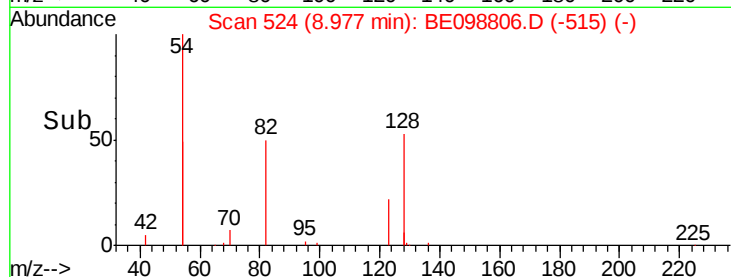
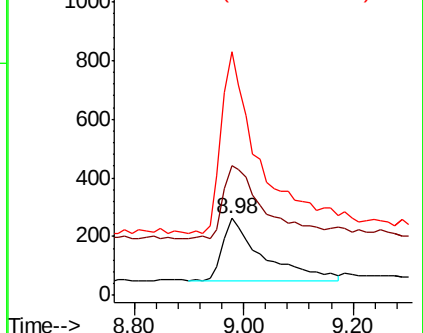
54 316.8 203.4 305.2#



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: 0.367 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098806.D

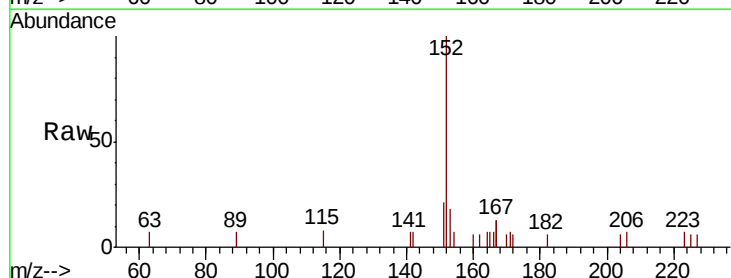
Acq: 6 Mar 2019 20:02

Tgt Ion: 152 Resp: 2123

Ion Ratio Lower Upper

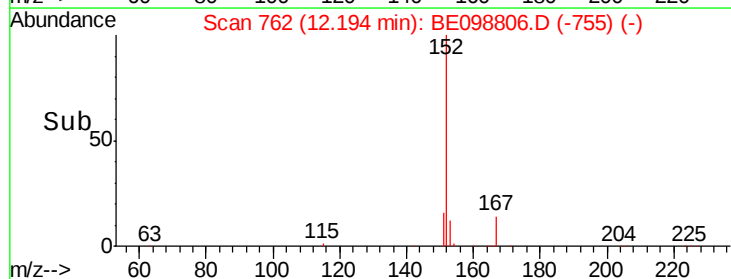
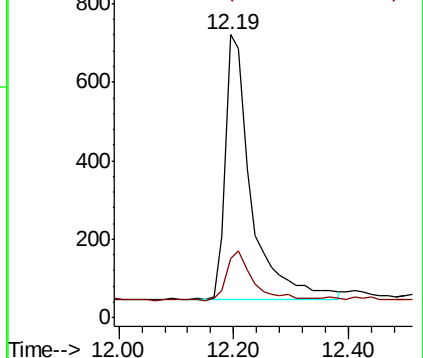
152 100

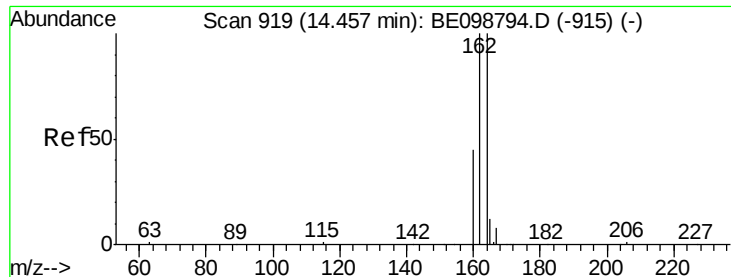
151 19.0 16.5 24.7



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: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

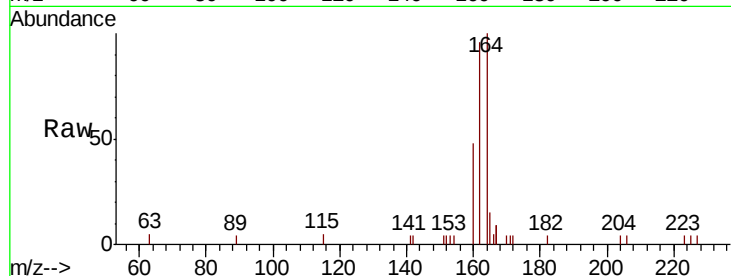
Tot Ion:164 Resp: 2202

Ion Ratio Lower Upper

164 100

162 96.0 80.2 120.2

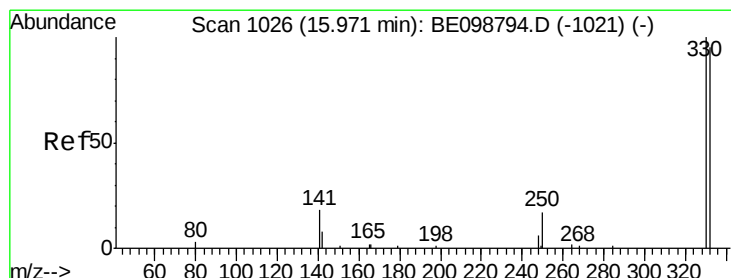
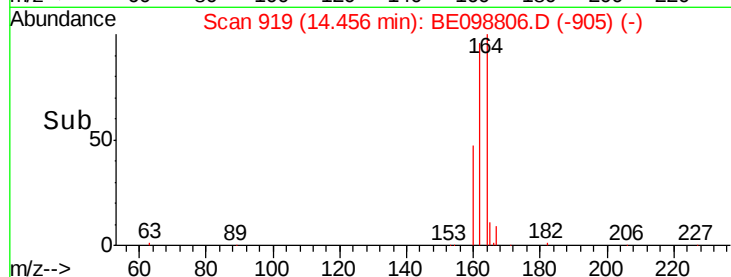
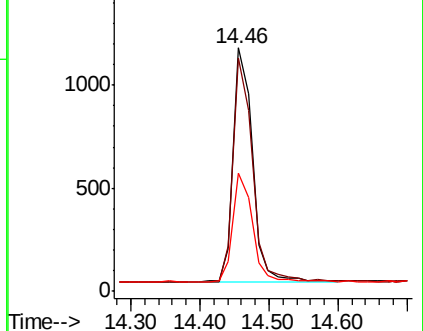
160 48.4 37.8 56.8



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

2,4,6-Tribromophenol

Concen: 0.366 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

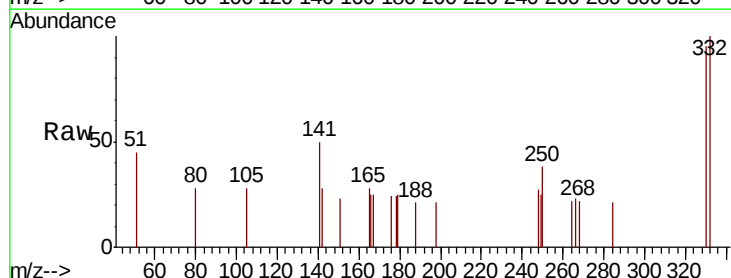
Tgt Ion:330 Resp: 407

Ion Ratio Lower Upper

330 100

332 105.2 77.6 116.4

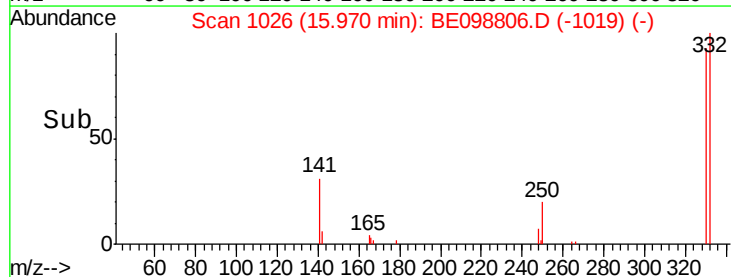
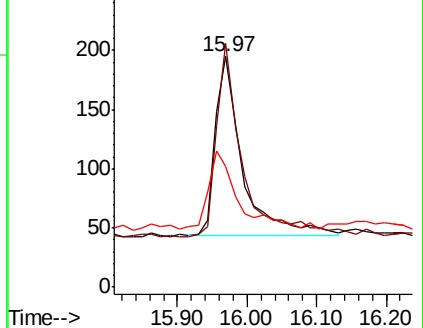
141 47.4 31.0 46.4#

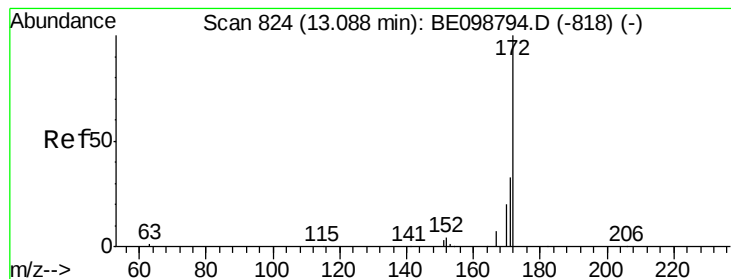


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

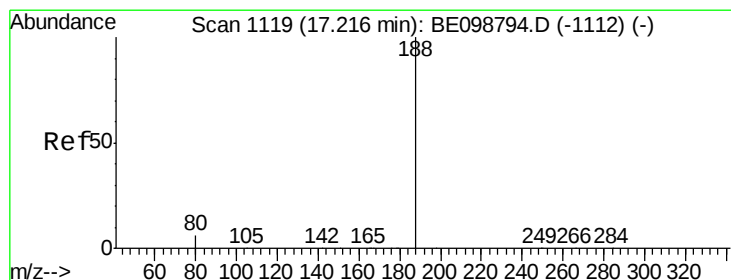
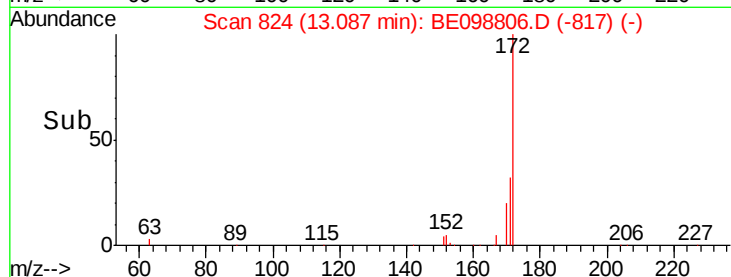
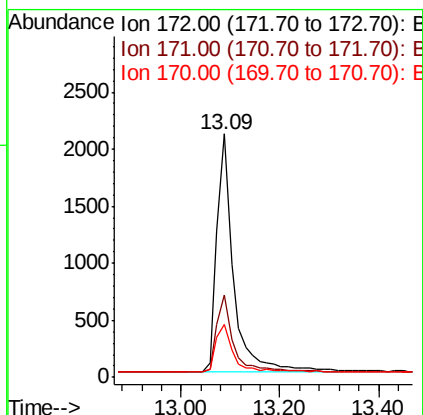
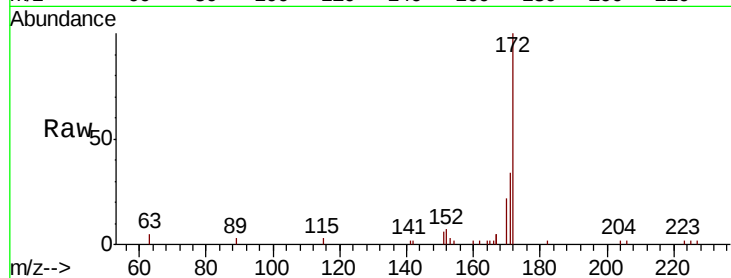




#15
2-Fluorobiphenyl
Concen: 0.534 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098806.D
Acq: 6 Mar 2019 20:02

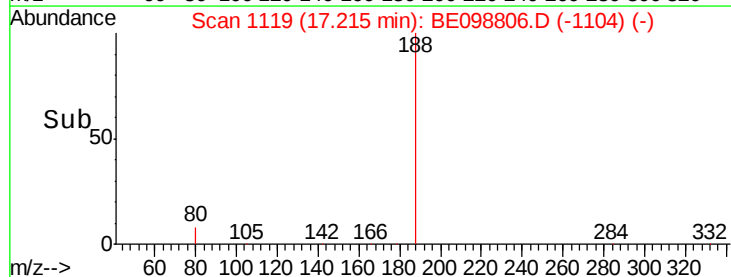
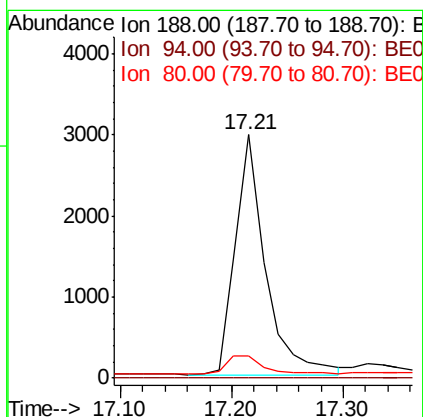
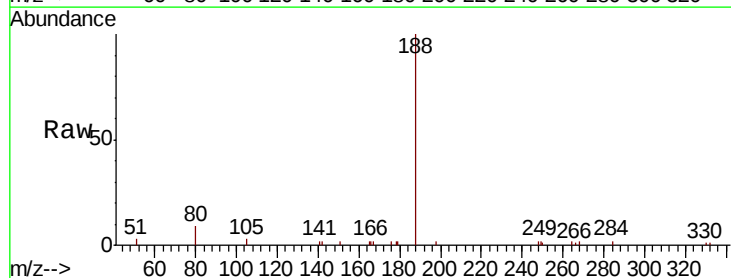
Instrument :
BNA_E
ClientSampleId :
M1-T4B-UV(POST)

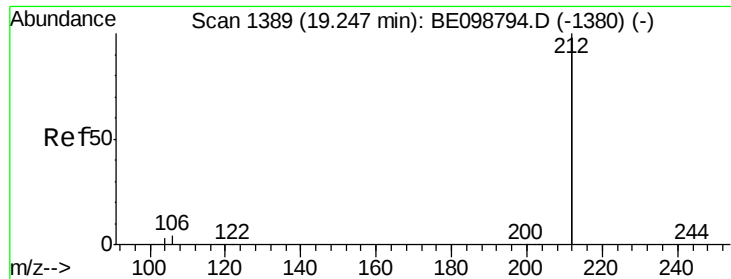
Tot Ion:172 Resp: 4867
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 21.6 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098806.D
Acq: 6 Mar 2019 20:02

Tgt Ion:188 Resp: 5552
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.3 9.5





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

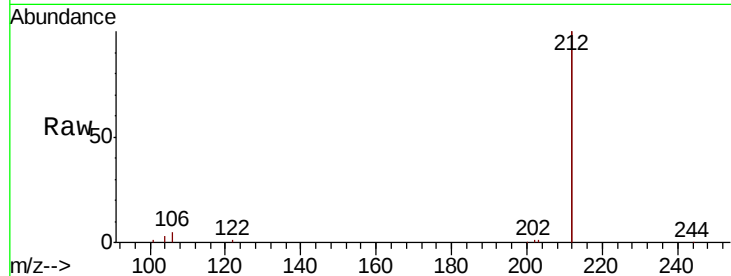
Tot Ion:212 Resp: 33273

Ion Ratio Lower Upper

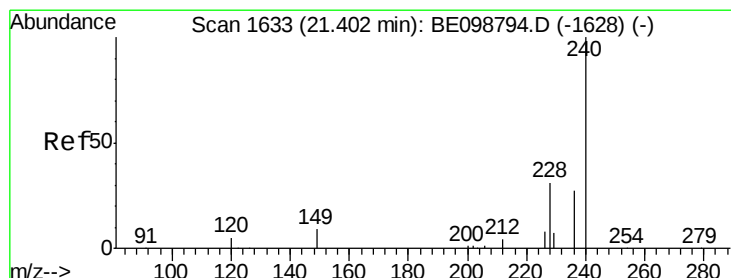
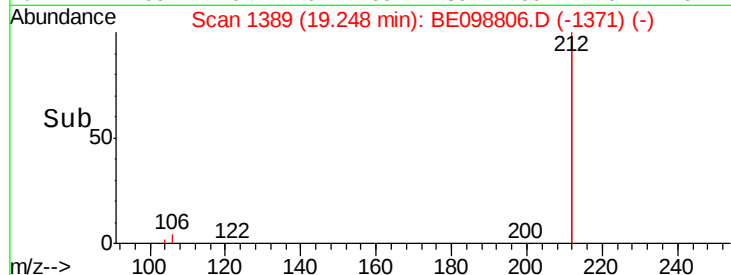
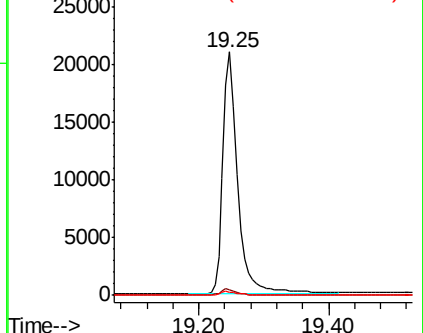
212 100

106 2.3 1.8 2.8

104 1.4 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: BE098806.D

Acq: 6 Mar 2019 20:02

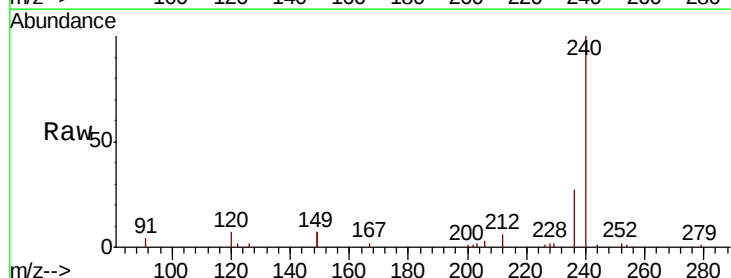
Tgt Ion:240 Resp: 7410

Ion Ratio Lower Upper

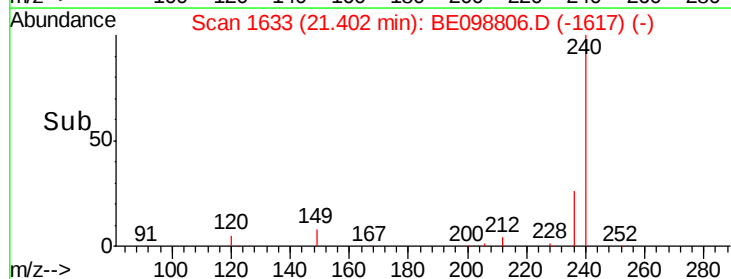
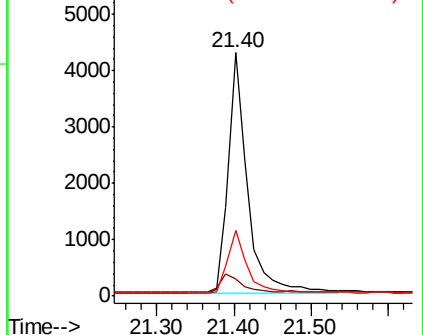
240 100

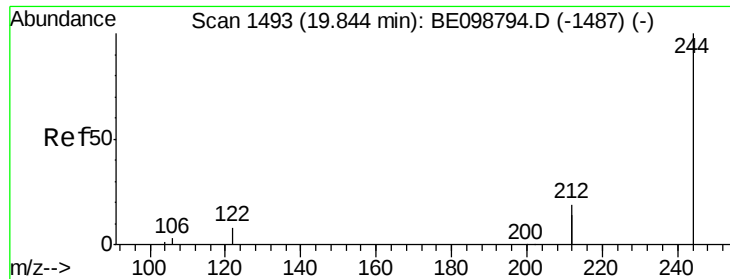
120 7.1 5.0 7.4

236 26.8 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: 0.455 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

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M1-T4B-UV(POST)

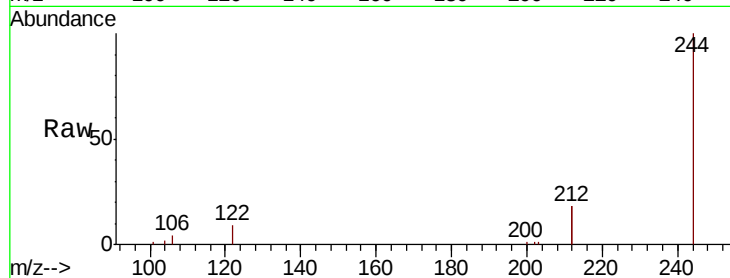
Tot Ion:244 Resp: 8188

Ion Ratio Lower Upper

244 100

212 36.7 29.4 44.2

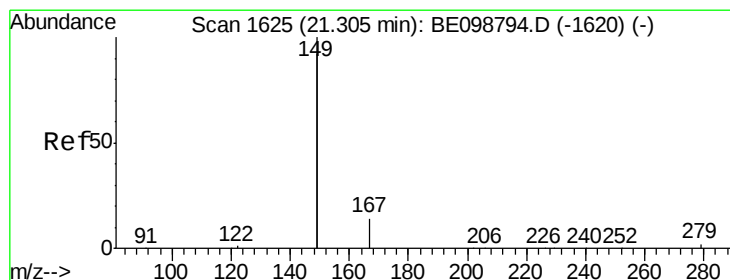
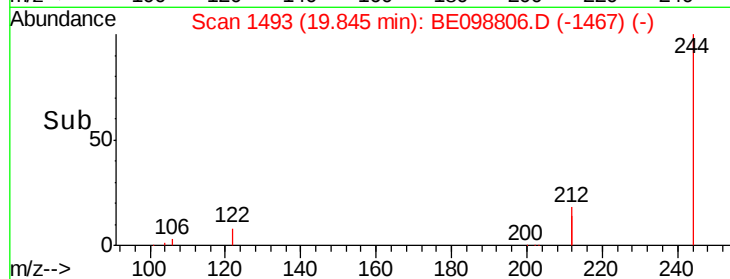
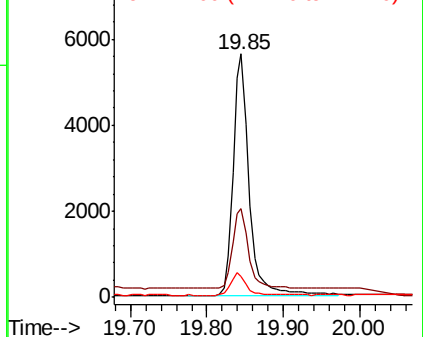
122 8.7 7.1 10.7



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.175 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

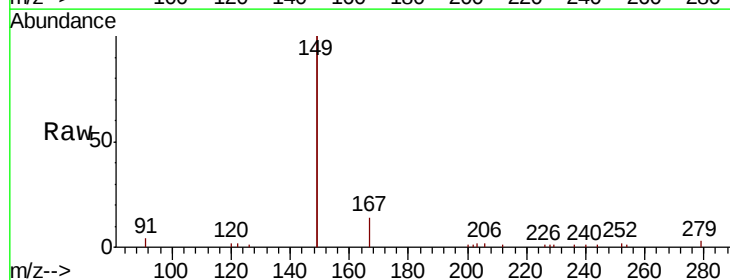
Tgt Ion:149 Resp: 8597

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

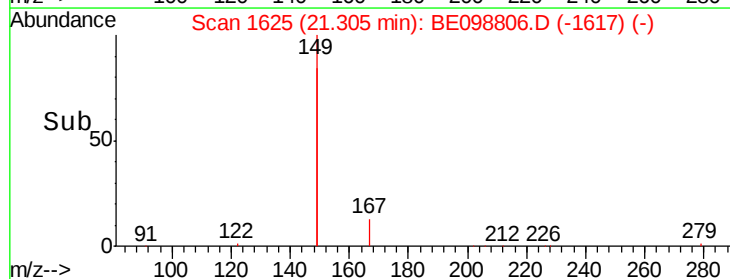
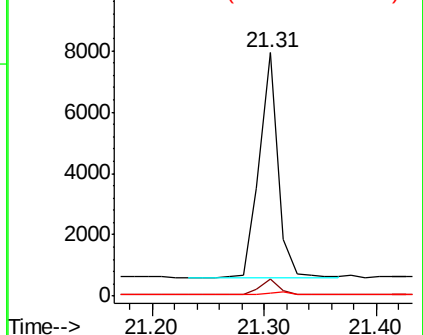
279 1.2 1.0 1.4

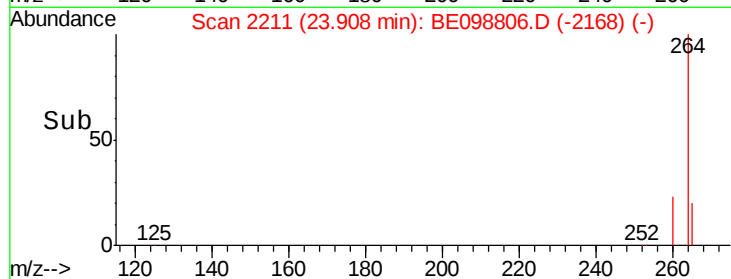
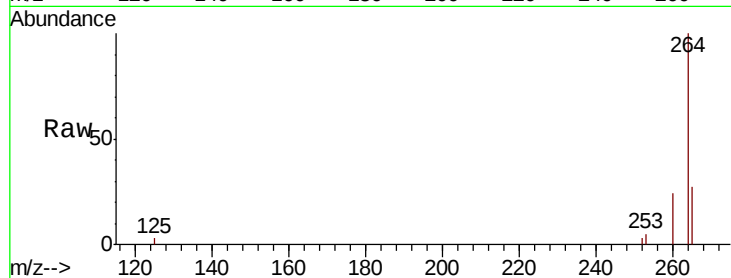
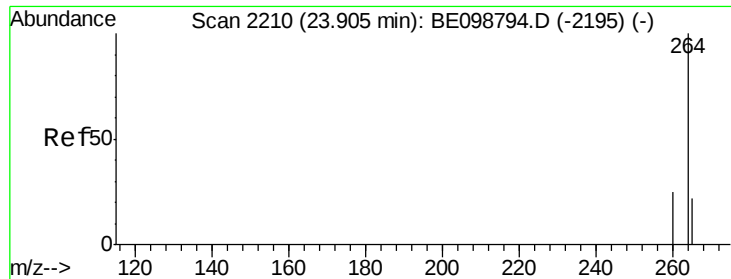


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

Tot Ion:264 Resp: 7404

Ion Ratio Lower Upper

264 100

260 23.9 21.2 31.8

265 27.1 24.6 36.8

