

Data File : BE098493.D
Acq On : 16 Dec 2018 5:31
Operator : SJ/JU
Sample : J6398-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FB-02_121218

Quant Time: Dec 17 02:03:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

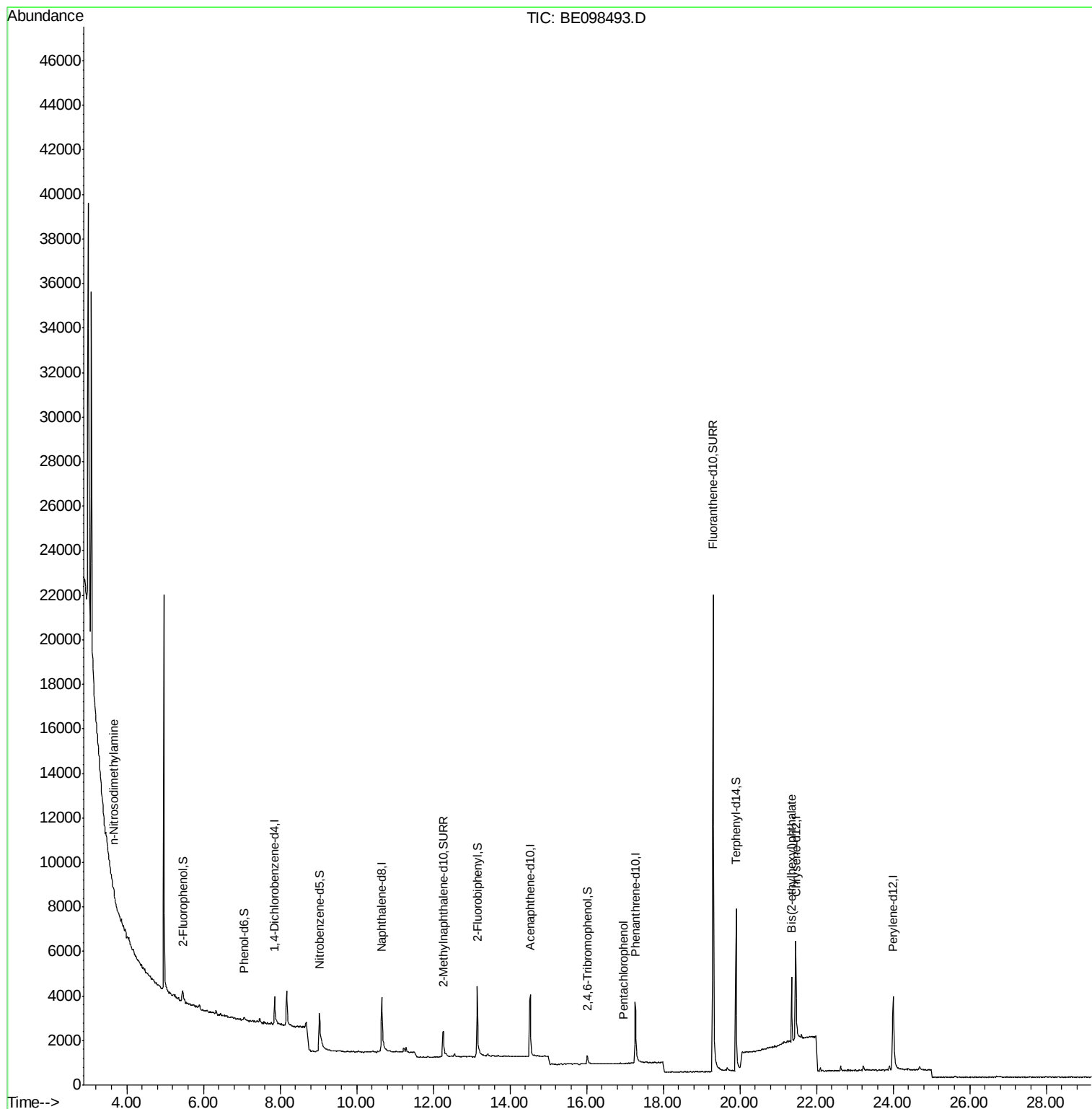
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	859	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3604	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	2276	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5934	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6809	0.40	ng	0.00
34) Perylene-d12	24.00	264	6605	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	353	0.18	ng	0.01
5) Phenol-d6	7.07	99	264	0.09	ng	0.02
8) Nitrobenzene-d5	9.03	82	1325	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2523	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	378	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4287	0.45	ng	0.00
25) Fluoranthene-d10	19.30	212	34998	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	7792	0.47	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.66	42	171	0.128	ng	# 100
22) Pentachlorophenol	16.95	266	12	0.039	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.35	149	3060	0.078	ng	# 98

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

Data File : BE098493.D
Acq On : 16 Dec 2018 5:31
Operator : SJ/JU
Sample : J6398-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FB-02_121218

Quant Time: Dec 17 02:03:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

Instrument :

BNA_E

ClientSampleId :

FB-02_121218

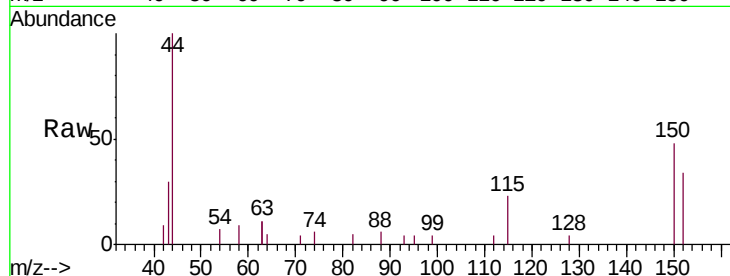
Tgt Ion:152 Resp: 859

Ion Ratio Lower Upper

152 100

150 140.7 124.2 186.4

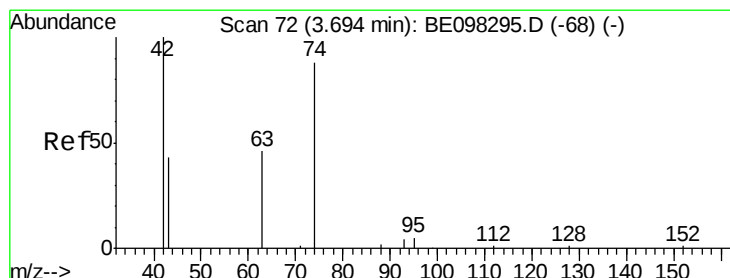
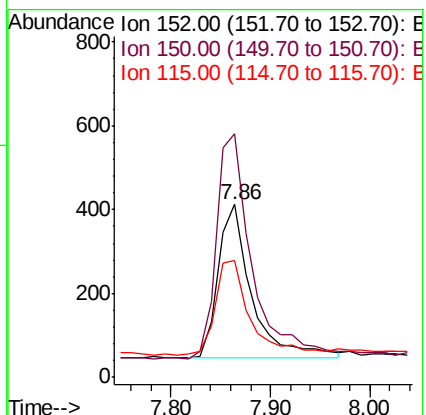
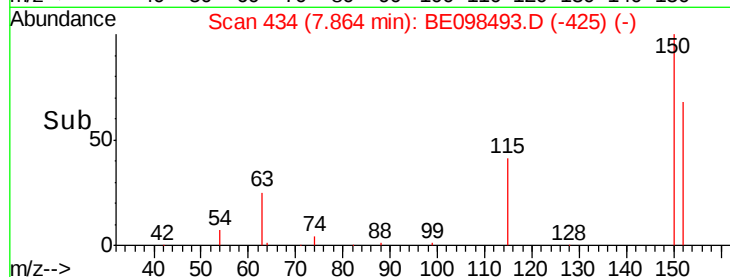
115 67.6 53.9 80.9



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



#3

n-Nitrosodimethylamine

Concen: 0.128 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.03 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

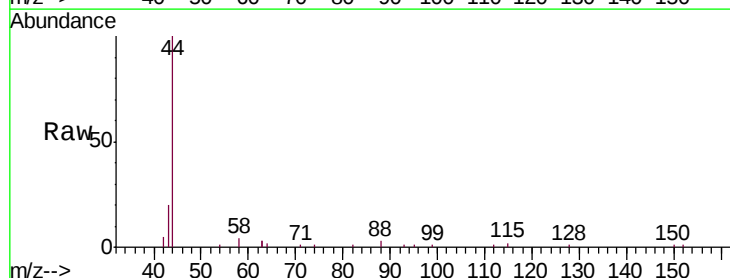
Tgt Ion: 42 Resp: 171

Ion Ratio Lower Upper

42 100

74 15.8 0.0 0.0#

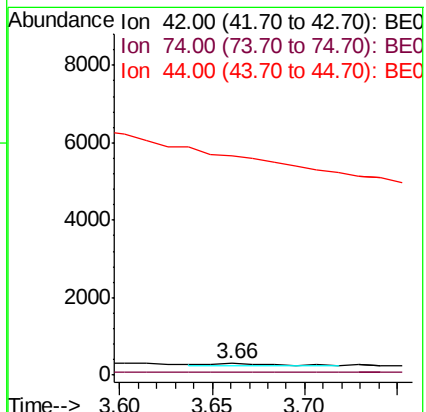
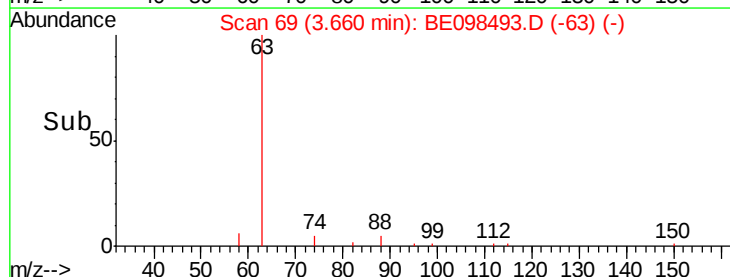
44 0.0 0.0 0.0

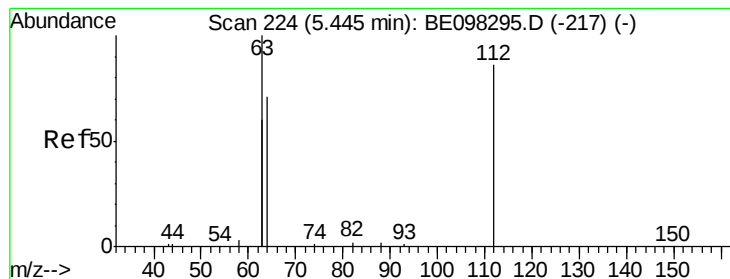


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.176 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

Instrument :

BNA_E

ClientSampleId :

FB-02 121218

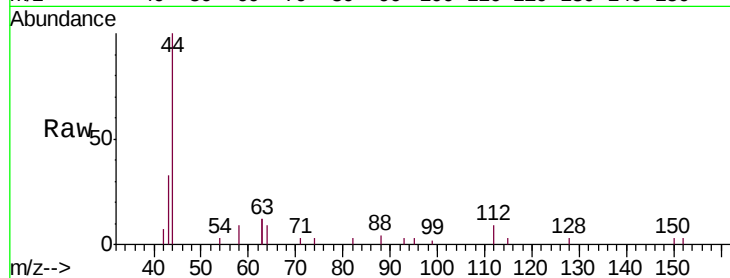
Tgt Ion: 112 Resp: 353

Ion Ratio Lower Upper

112 100

64 87.5 59.8 89.8

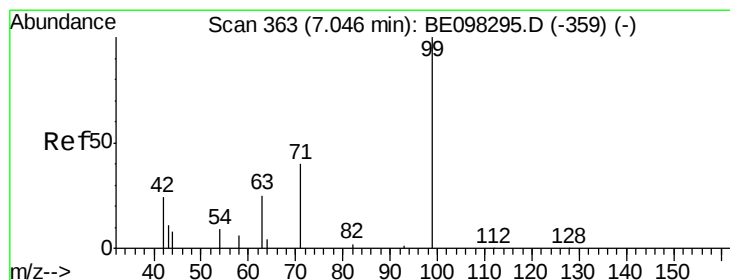
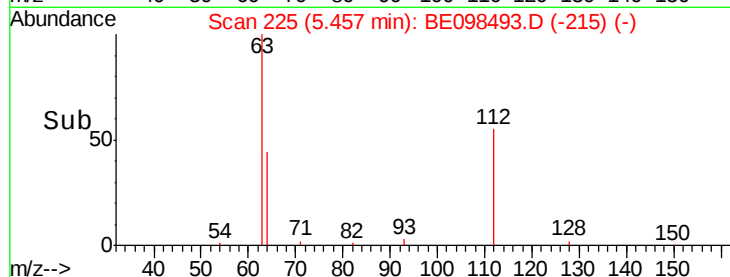
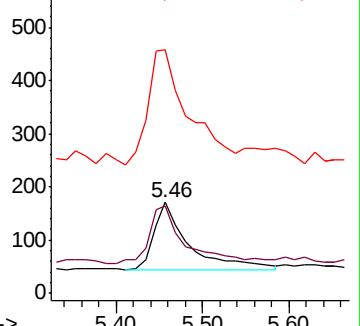
63 201.7 133.7 200.5#



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: 0.093 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

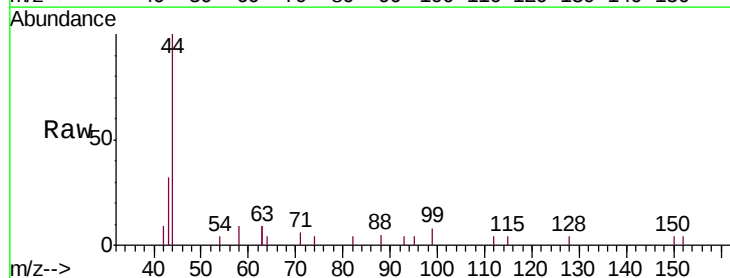
Tgt Ion: 99 Resp: 264

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

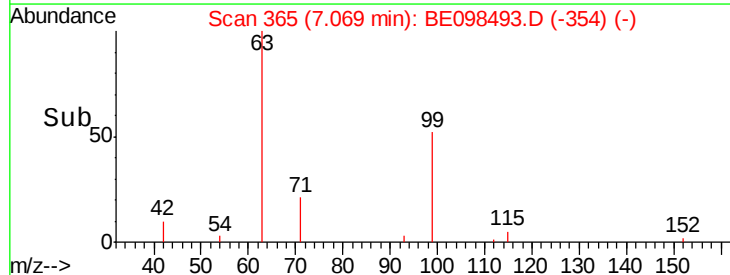
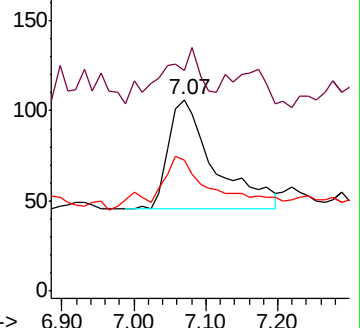
71 46.2 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

Instrument :

BNA_E

ClientSampleId :

FB-02_121218

Tgt Ion: 136 Resp: 3604

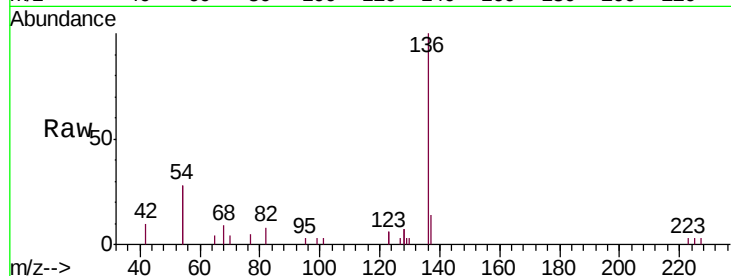
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 55.7 28.4 42.6#

68 8.9 5.4 8.0#

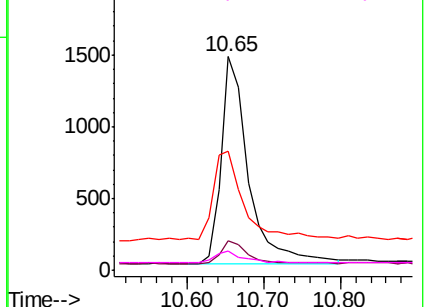
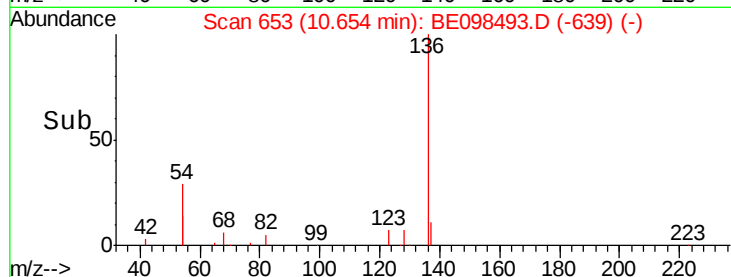


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

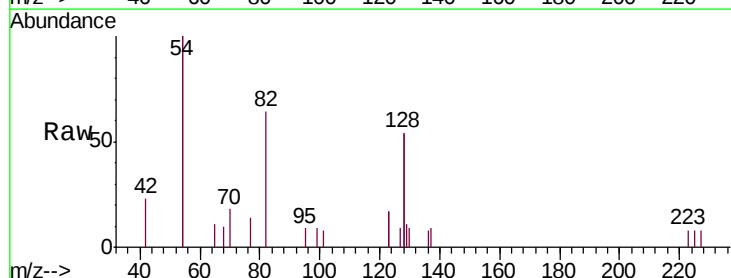
Tgt Ion: 82 Resp: 1325

Ion Ratio Lower Upper

82 100

128 170.1 102.4 153.6#

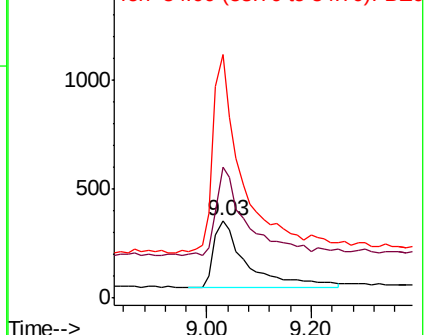
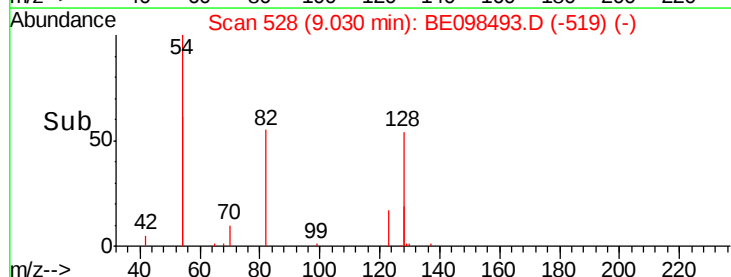
54 314.9 221.8 332.8



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: 0.431 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

Instrument :

BNA_E

ClientSampleId :

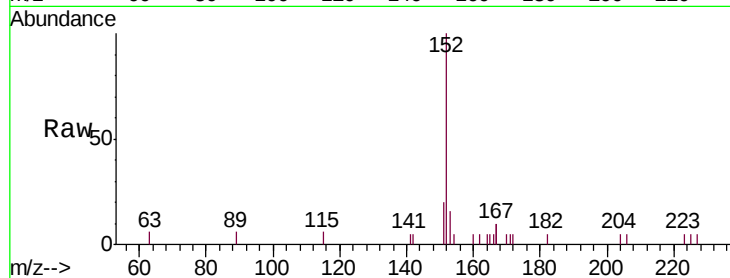
FB-02 121218

Tgt Ion:152 Resp: 2523

Ion Ratio Lower Upper

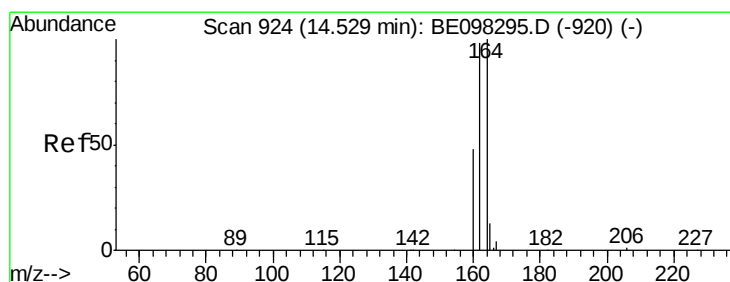
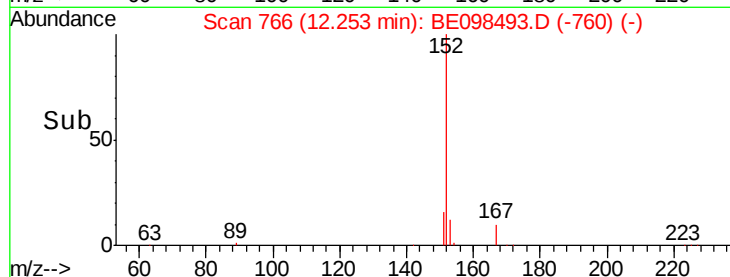
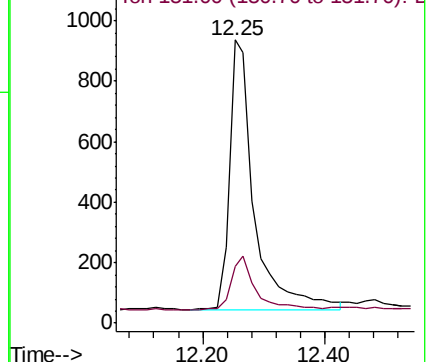
152 100

151 19.0 16.2 24.4



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: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

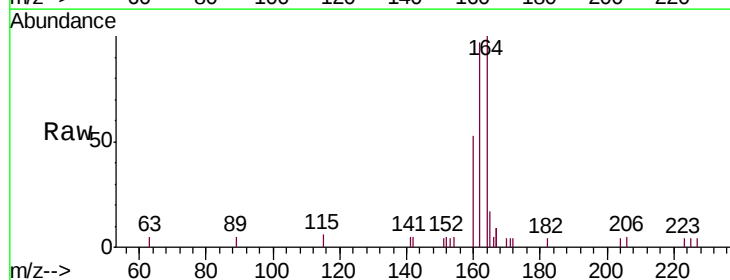
Tgt Ion:164 Resp: 2276

Ion Ratio Lower Upper

164 100

162 96.9 77.6 116.4

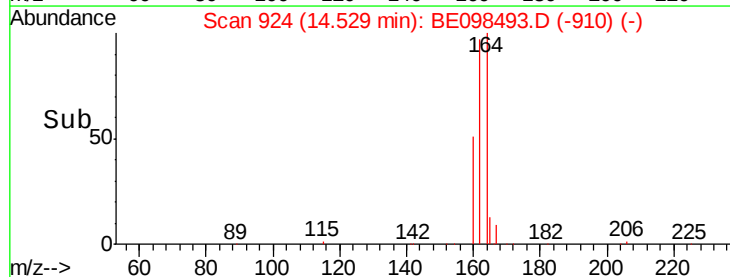
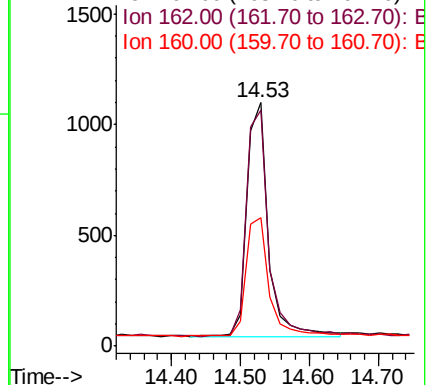
160 52.8 36.0 54.0



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

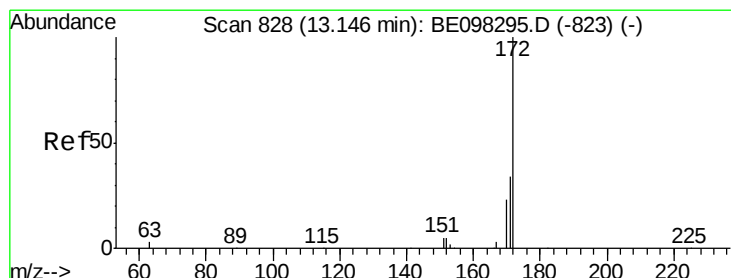
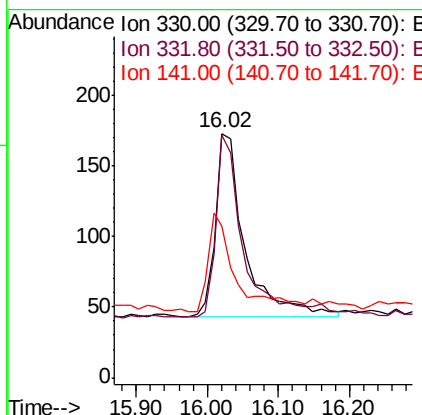
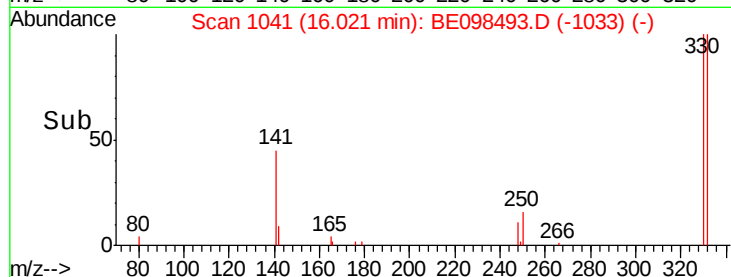
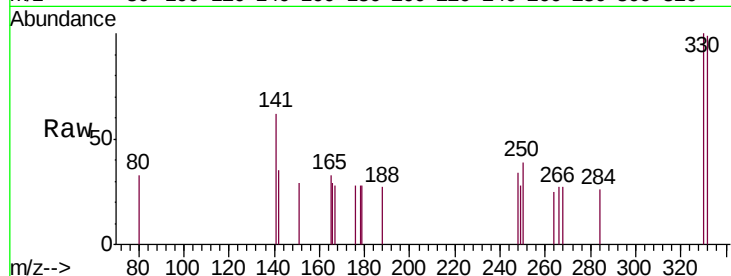




#14
 2,4,6-Tribromophenol
 Concen: 0.452 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098493.D
 Acq: 16 Dec 2018 5:31

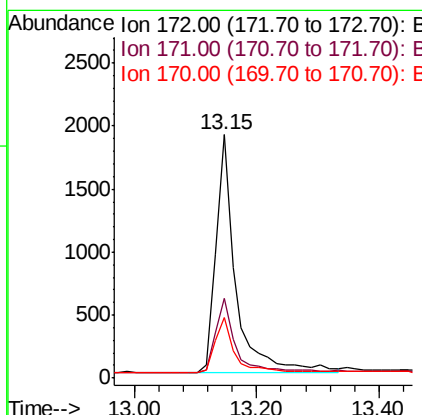
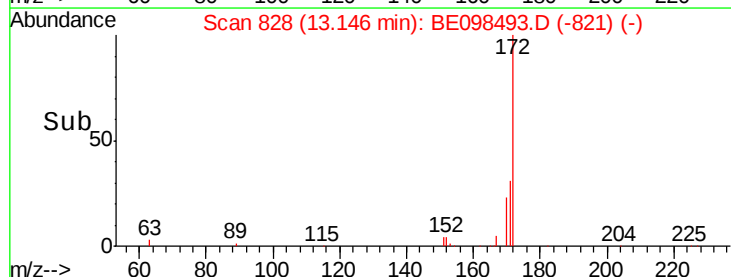
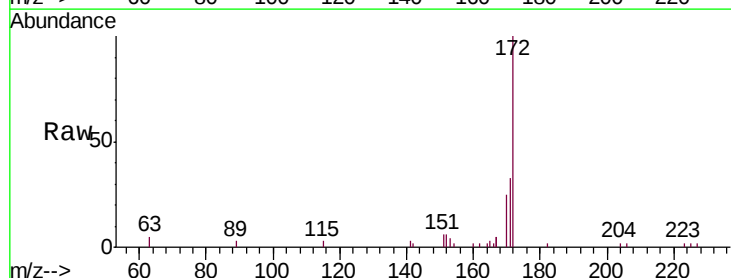
Instrument :
 BNA_E
 ClientSampleId :
 FB-02_121218

Tgt Ion: 330 Resp: 378
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 50.3 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.447 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098493.D
 Acq: 16 Dec 2018 5:31

Tgt Ion: 172 Resp: 4287
 Ion Ratio Lower Upper
 172 100
 171 32.7 27.5 41.3
 170 25.0 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

Instrument :

BNA_E

ClientSampleId :

FB-02_121218

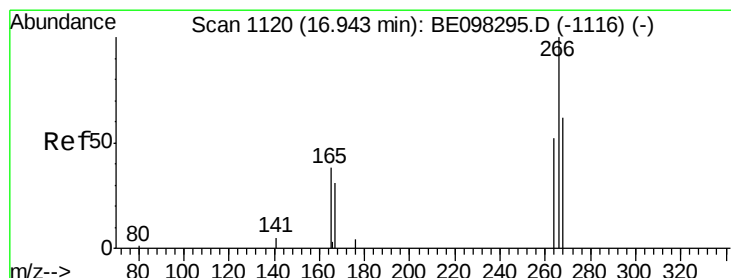
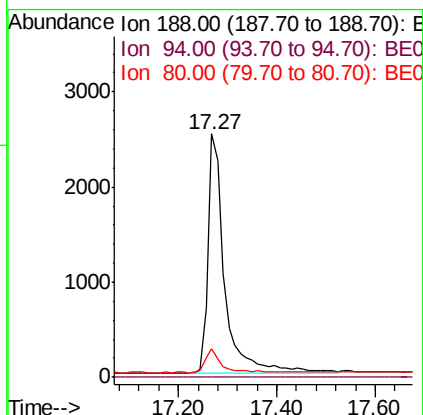
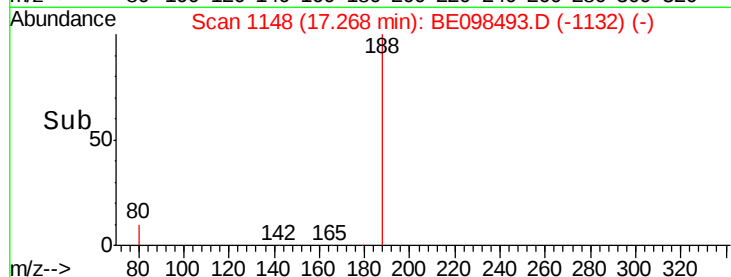
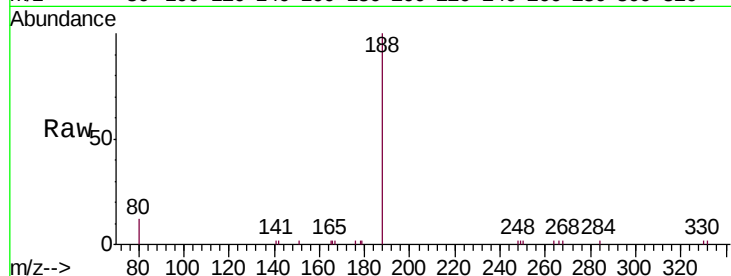
Tgt Ion:188 Resp: 5934

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.2 10.8#



#22

Pentachlorophenol

Concen: 0.039 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

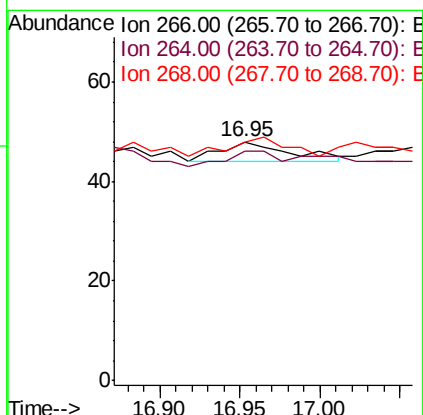
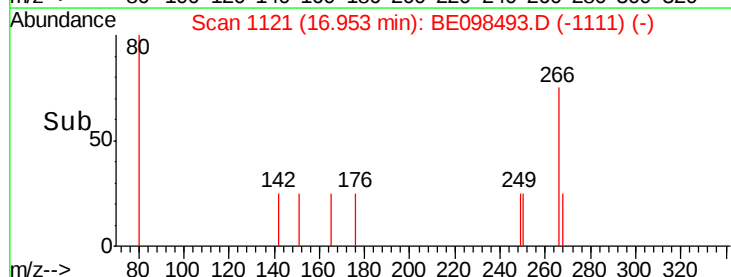
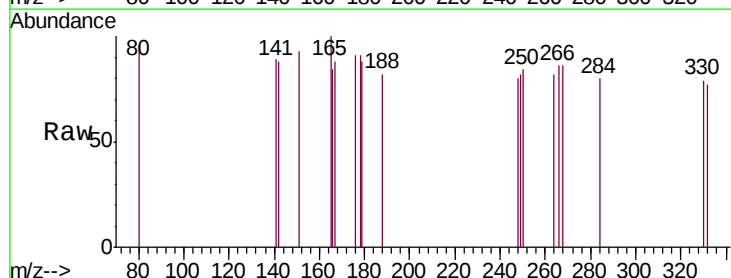
Tgt Ion:266 Resp: 12

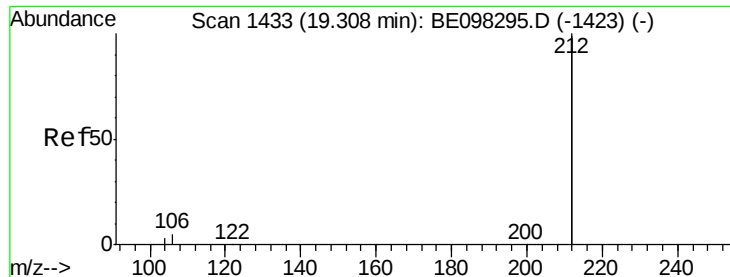
Ion Ratio Lower Upper

266 100

264 95.8 59.0 88.4#

268 100.0 55.1 82.7#





#25

Fluoranthene-d10

Concen: 0.460 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

Instrument :

BNA_E

ClientSampleId :

FB-02 121218

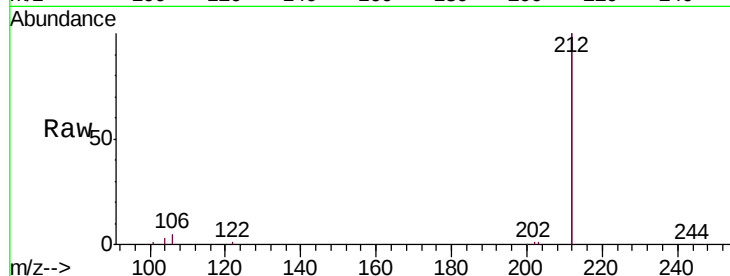
Tgt Ion:212 Resp: 34998

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

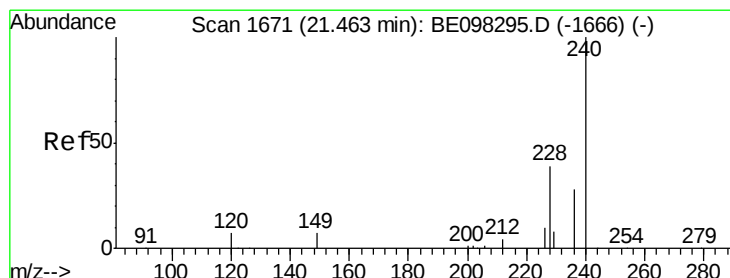
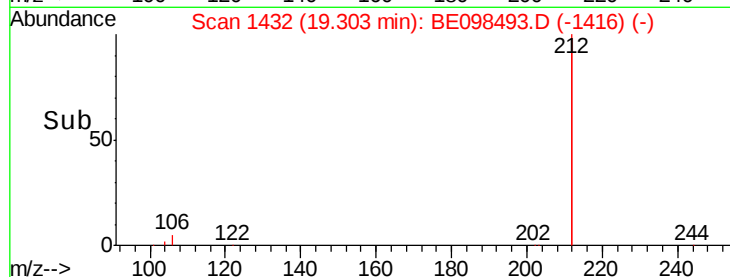
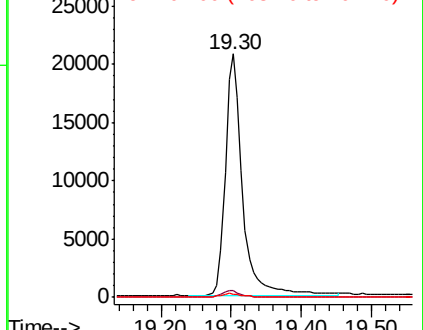
104 1.4 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

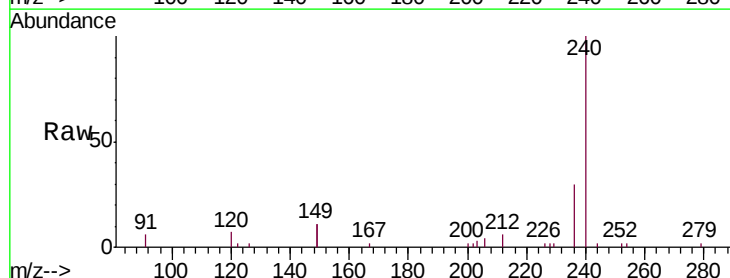
Tgt Ion:240 Resp: 6809

Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

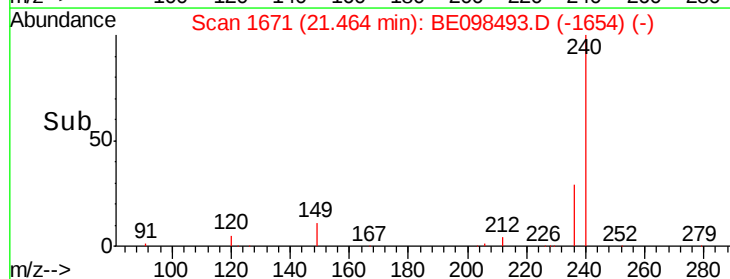
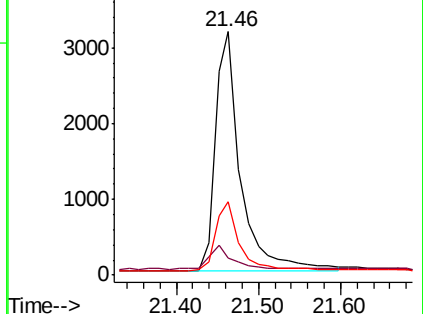
236 29.9 22.7 34.1

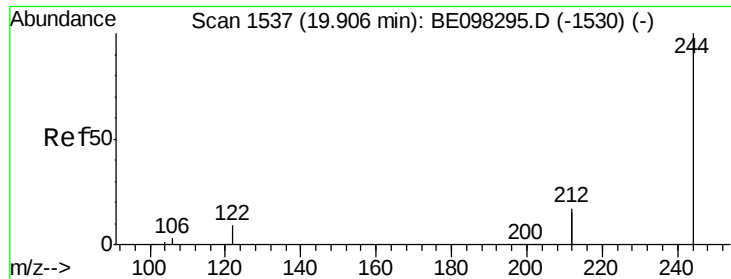


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.471 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

Instrument :

BNA_E

ClientSampleId :

FB-02_121218

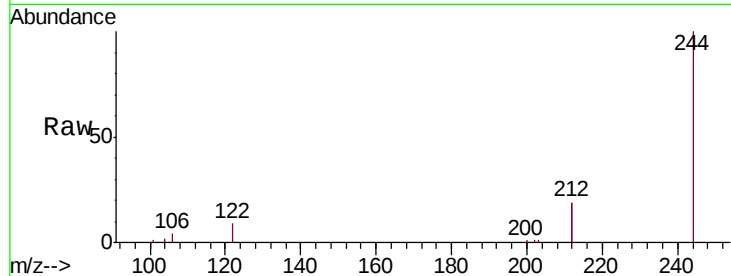
Tgt Ion:244 Resp: 7792

Ion Ratio Lower Upper

244 100

212 38.7 27.4 41.0

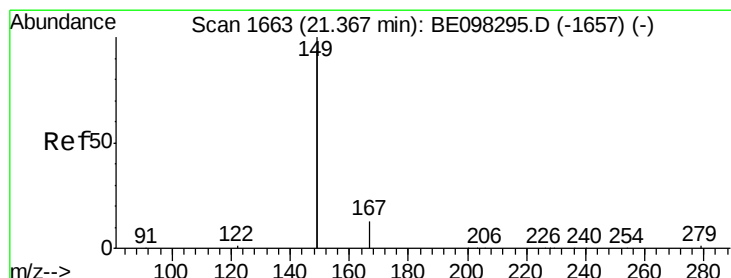
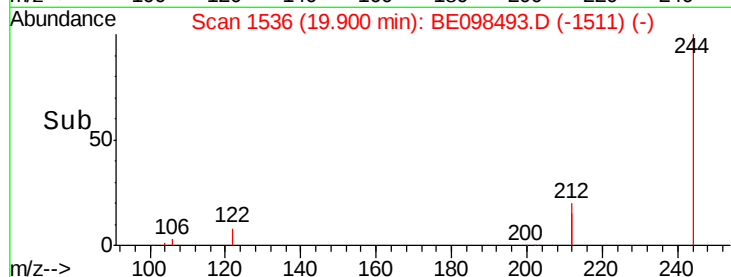
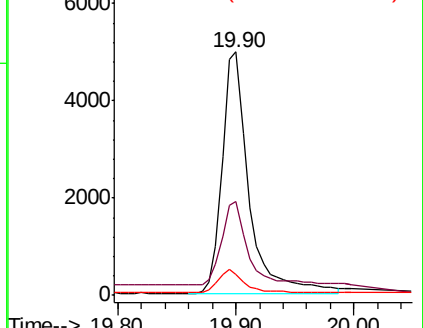
122 8.8 8.3 12.5



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: 0.078 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

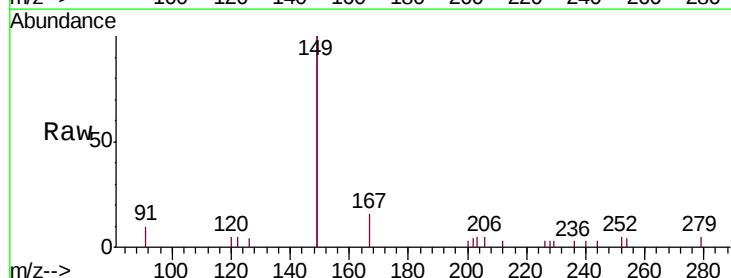
Tgt Ion:149 Resp: 3060

Ion Ratio Lower Upper

149 100

167 7.6 5.7 8.5

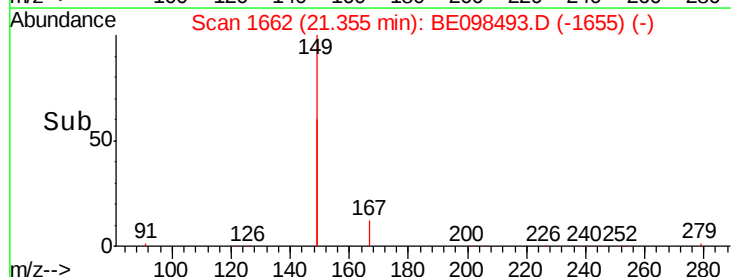
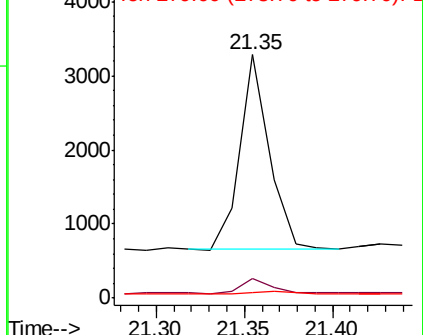
279 2.3 1.0 1.4#

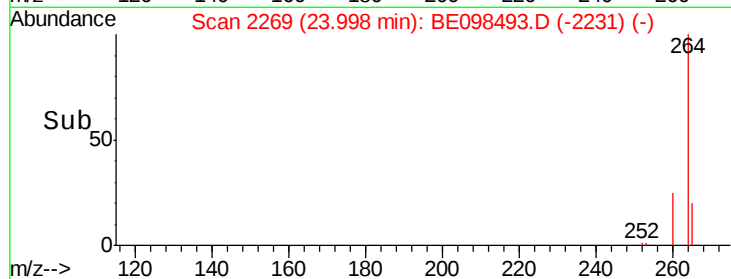
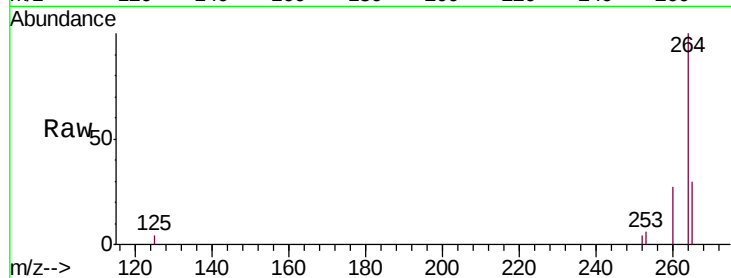


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098493.D

Acq: 16 Dec 2018 5:31

Instrument :

BNA_E

ClientSampleId :

FB-02_121218

Tgt Ion: 264 Resp: 6605

Ion Ratio Lower Upper

264 100

260 26.7 20.2 30.2

265 30.2 25.2 37.8

