

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098275.D
 Acq On : 29 Nov 2018 15:48
 Operator : SJ/JU
 Sample : J6047-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 29 17:46:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

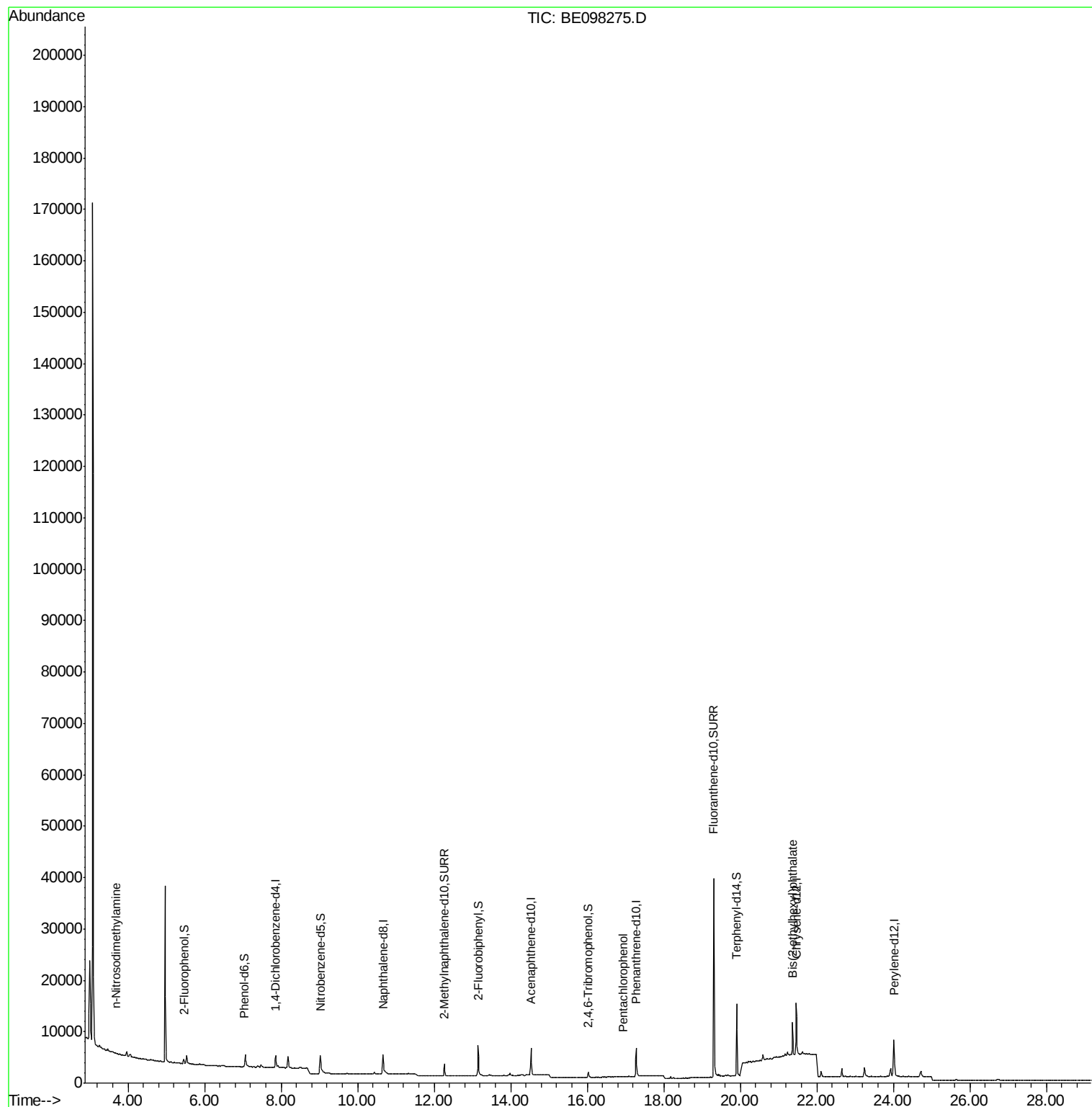
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1275	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5166	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3186	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8079	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11287	0.40	ng	0.00
34) Perylene-d12	24.01	264	11202	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	585	0.17	ng	0.01
5) Phenol-d6	7.04	99	488	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	2047	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3485	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	725	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	6622	0.50	ng	0.00
25) Fluoranthene-d10	19.31	212	53742	0.49	ng	0.00
29) Terphenyl-d14	19.91	244	12841	0.51	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.68	42	93	0.038	ng	# 100
22) Pentachlorophenol	16.94	266	57	0.123	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.37	149	7307	0.092	ng	97

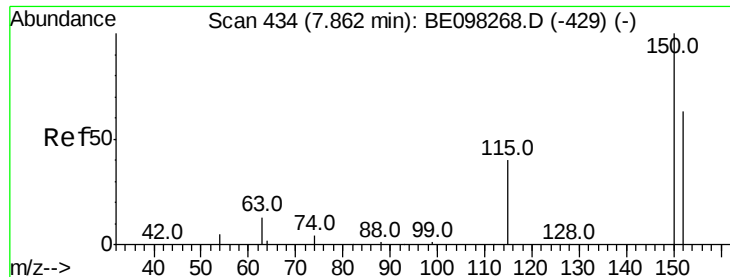
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE098275.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

Instrument :

BNA_E

ClientSampleId :

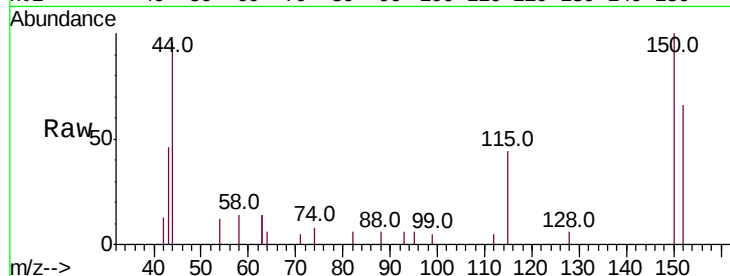
Tot Ion:152 Resp: 1275

Ion Ratio Lower Upper

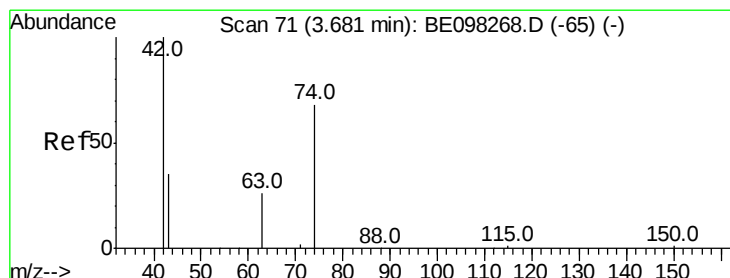
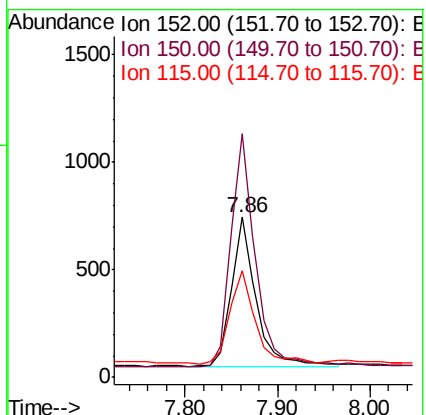
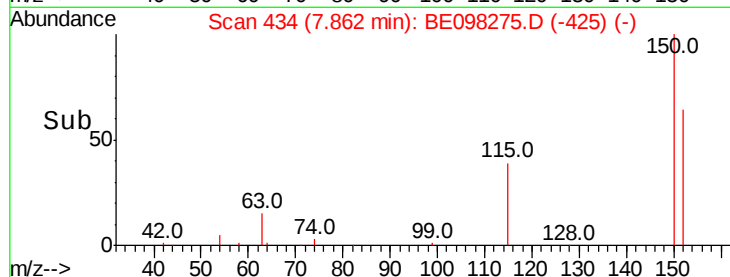
152 100

150 152.3 124.2 186.4

115 66.5 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: 0.038 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

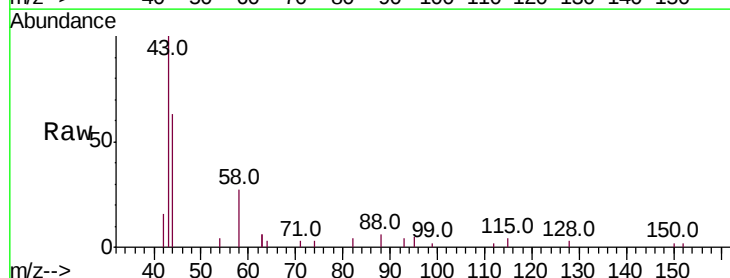
Tgt Ion: 42 Resp: 93

Ion Ratio Lower Upper

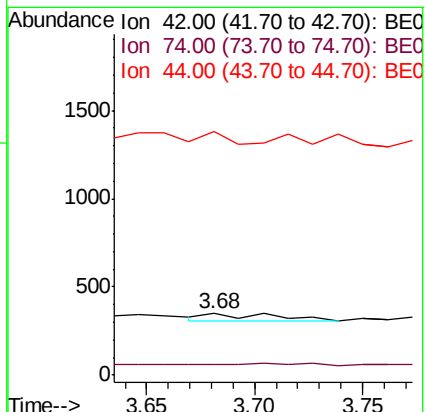
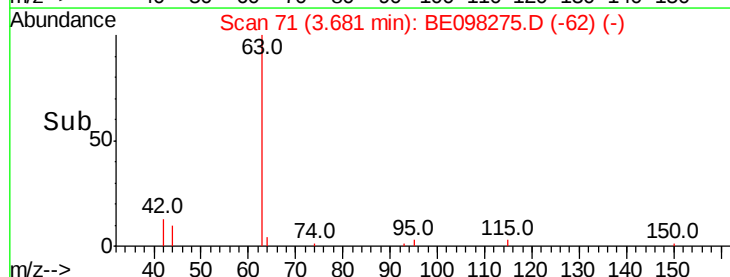
42 100

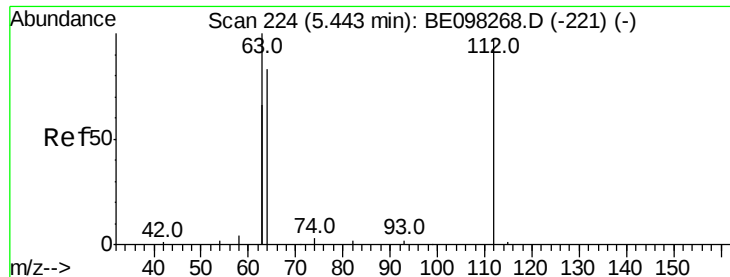
74 0.0 0.0 0.0

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: 0.172 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

Instrument :

BNA_E

ClientSampleId :

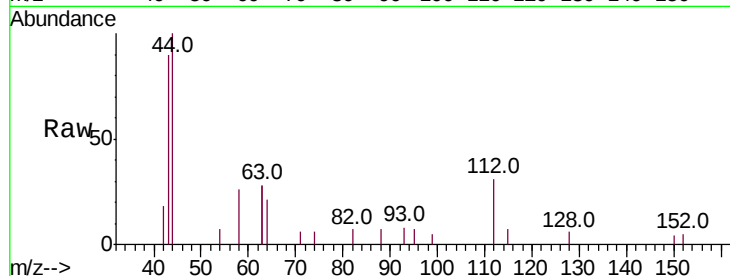
Tot Ion:112 Resp: 585

Ion Ratio Lower Upper

112 100

64 79.7 59.8 89.8

63 185.3 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

800

600

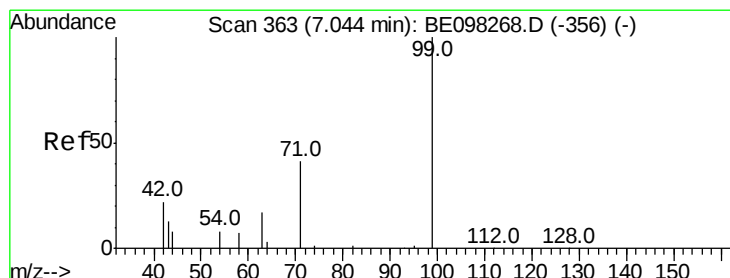
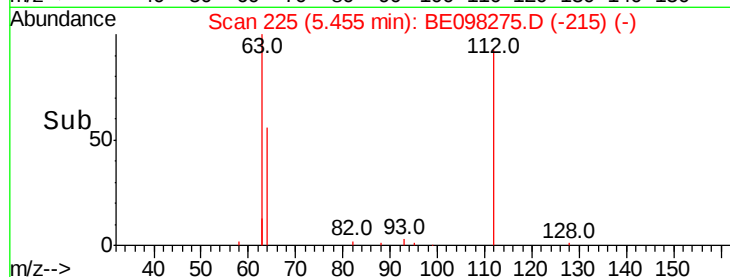
400

200

0

5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.102 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

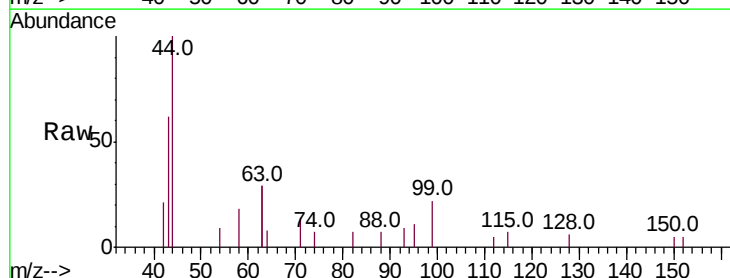
Tgt Ion: 99 Resp: 488

Ion Ratio Lower Upper

99 100

42 49.6 26.3 39.5#

71 42.8 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

300

250

200

150

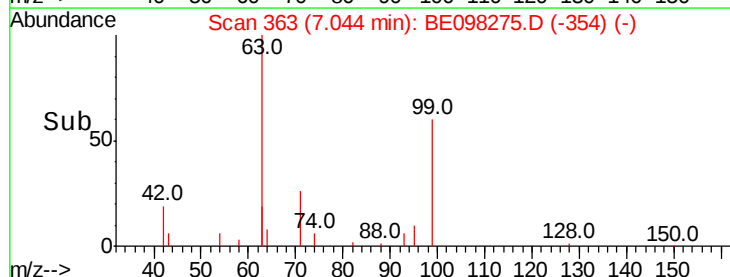
100

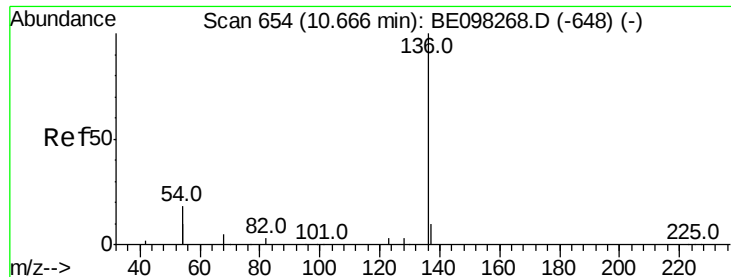
50

0

6.90 7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5166

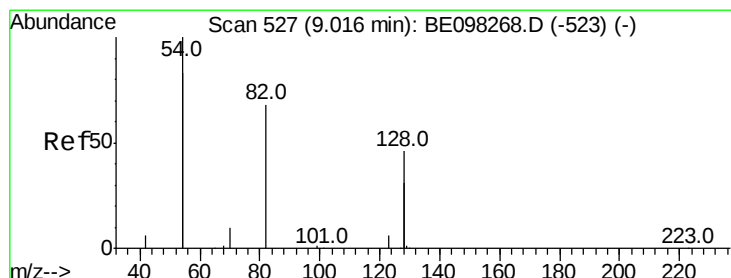
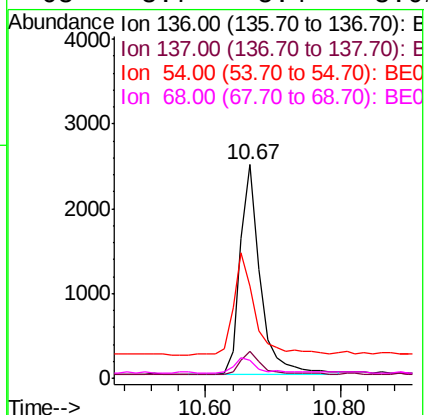
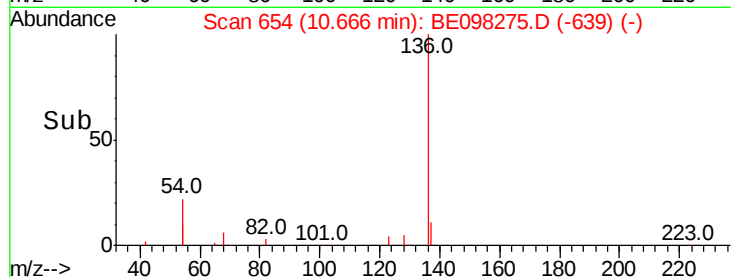
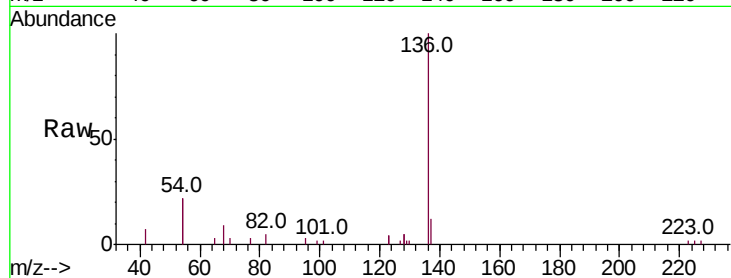
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 43.3 28.4 42.6#

68 8.7 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

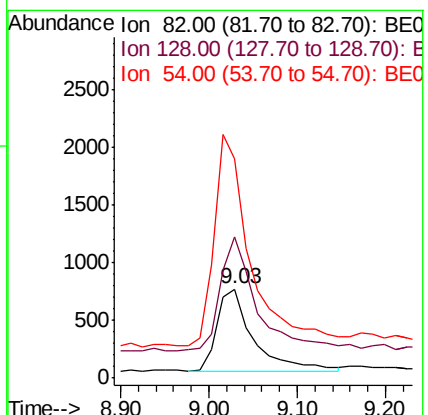
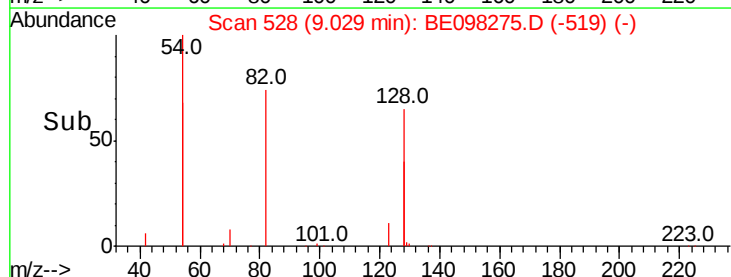
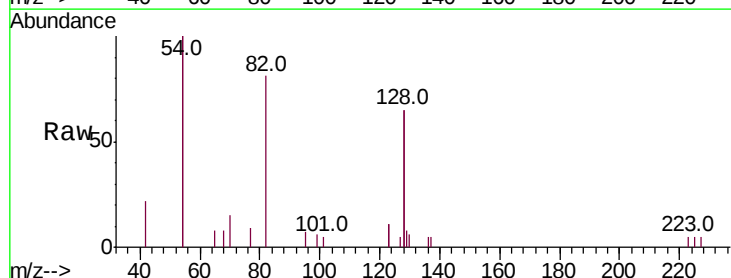
Tgt Ion: 82 Resp: 2047

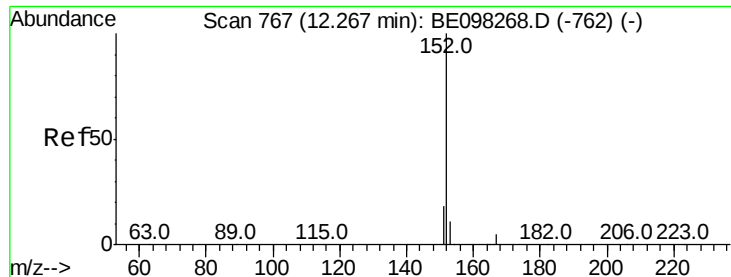
Ion Ratio Lower Upper

82 100

128 159.2 102.4 153.6#

54 246.8 221.8 332.8

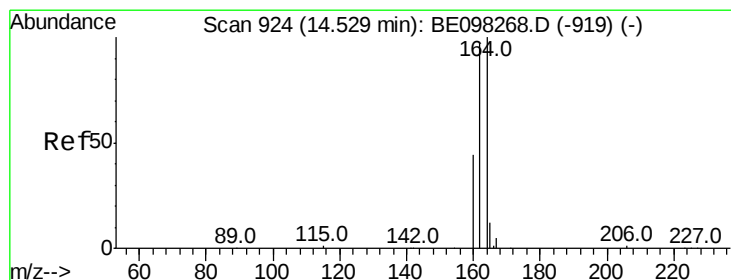
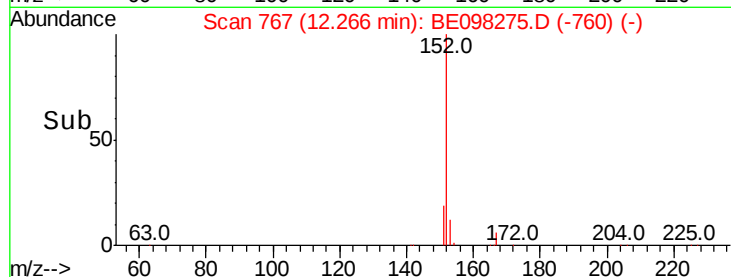
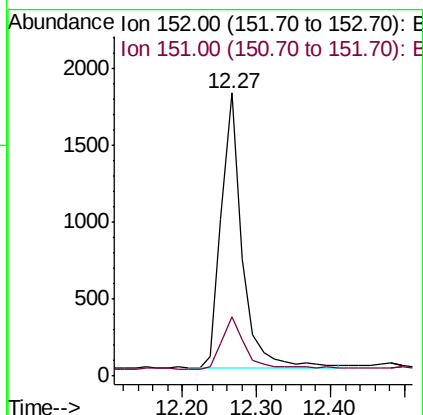
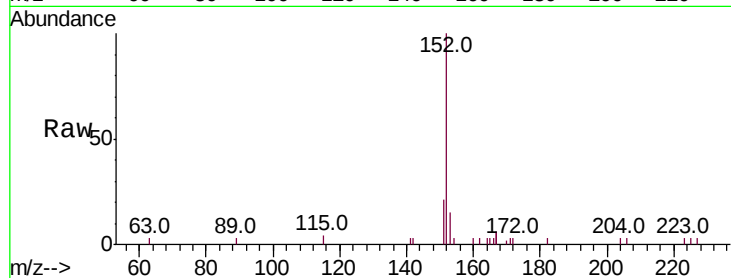




#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098275.D
 Acq: 29 Nov 2018 15:48

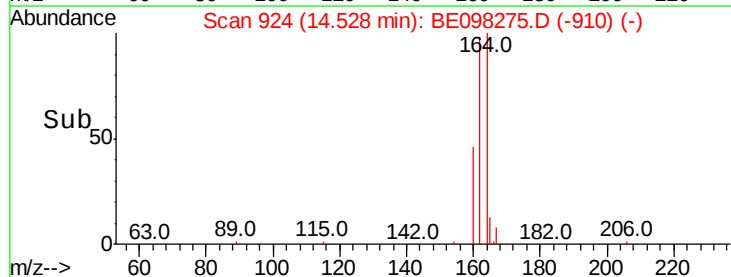
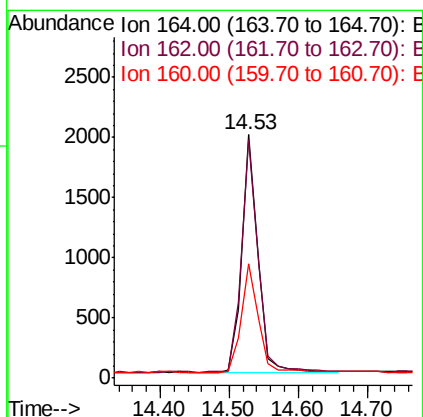
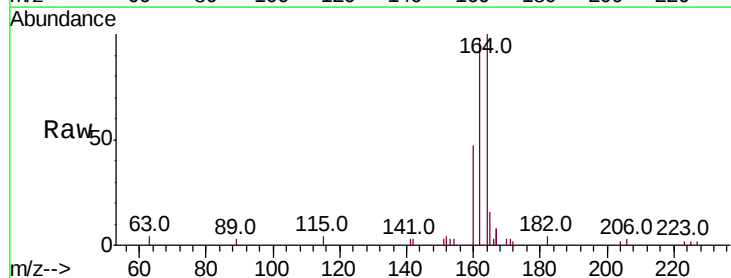
Instrument :
 BNA_E
 ClientSampleId :

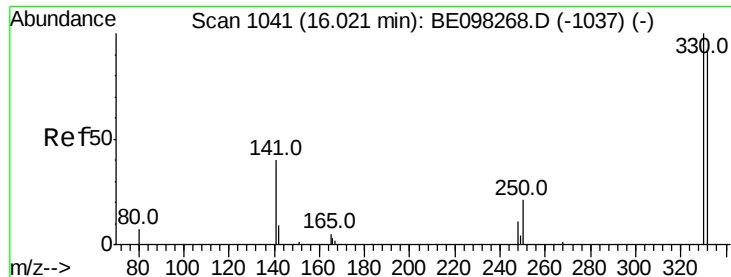
Tot Ion:152 Resp: 3485
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098275.D
 Acq: 29 Nov 2018 15:48

Tgt Ion:164 Resp: 3186
 Ion Ratio Lower Upper
 164 100
 162 97.8 77.6 116.4
 160 47.0 36.0 54.0

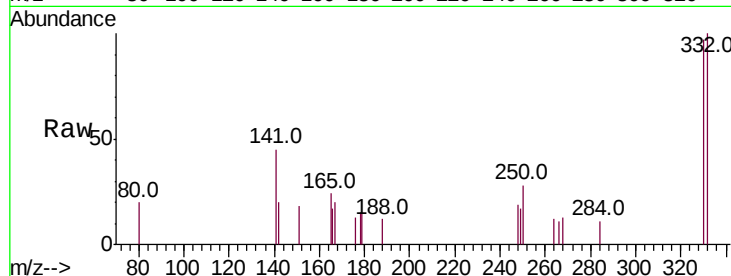




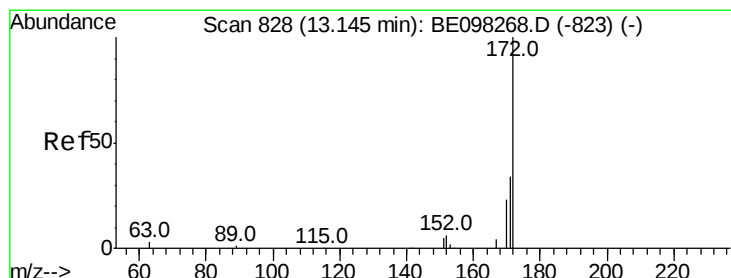
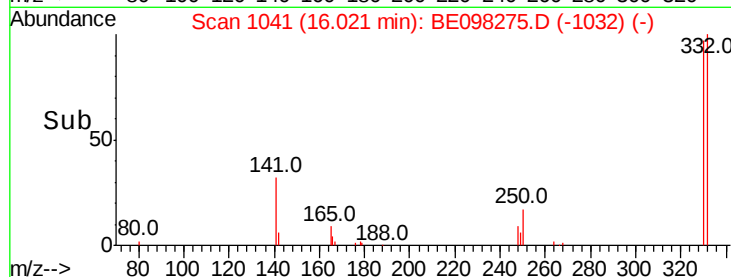
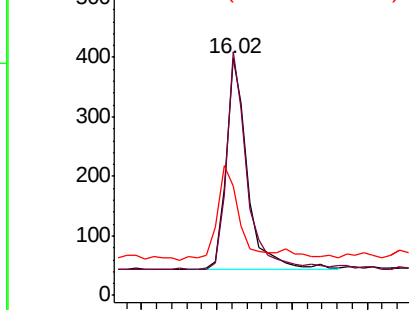
#14
 2,4,6-Tribromophenol
 Concen: 0.480 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098275.D
 Acq: 29 Nov 2018 15:48

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 725
 Ion Ratio Lower Upper
 330 100
 332 101.7 76.2 114.4
 141 44.8 39.0 58.4

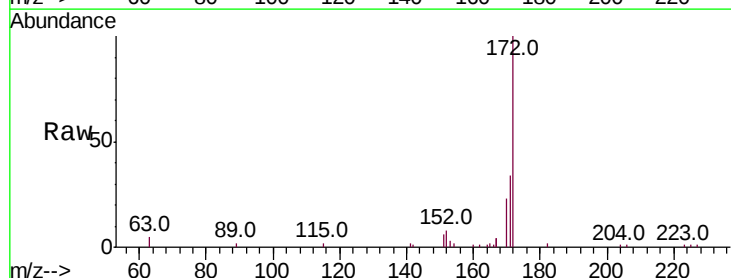


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

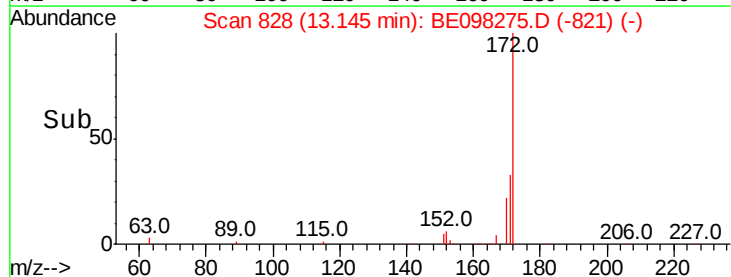
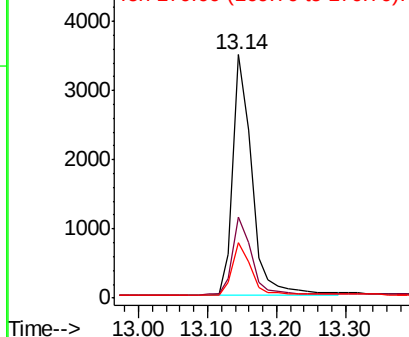


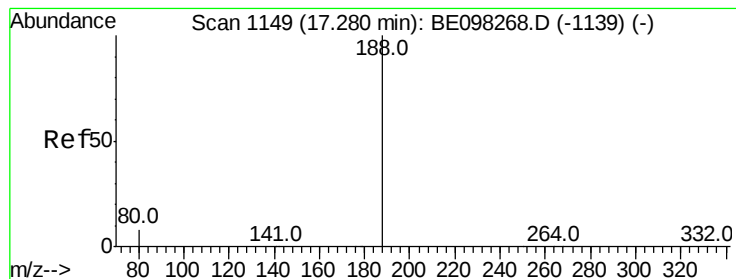
#15
 2-Fluorobiphenyl
 Concen: 0.502 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098275.D
 Acq: 29 Nov 2018 15:48

Tgt Ion:172 Resp: 6622
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.5 41.3
 170 22.9 19.6 29.4



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

Instrument :

BNA_E

ClientSampleId :

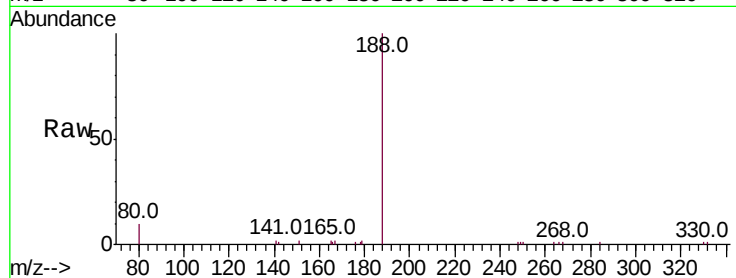
Tot Ion:188 Resp: 8079

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

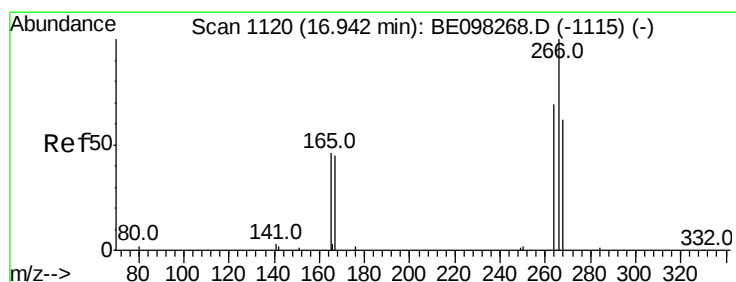
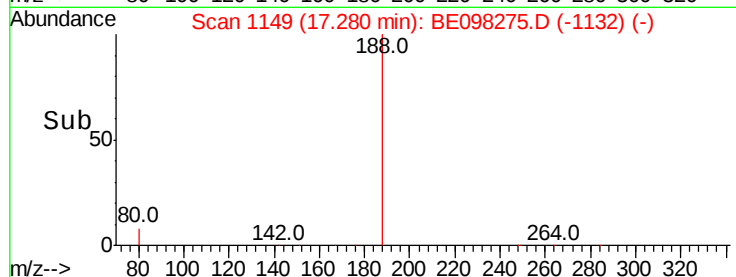
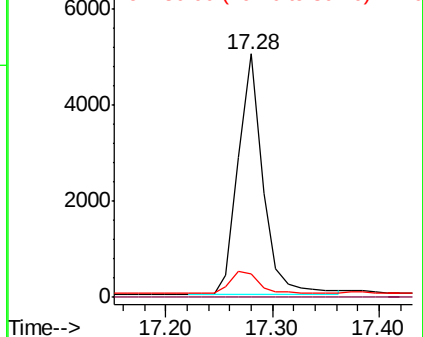
80 9.9 7.2 10.8



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: 0.123 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

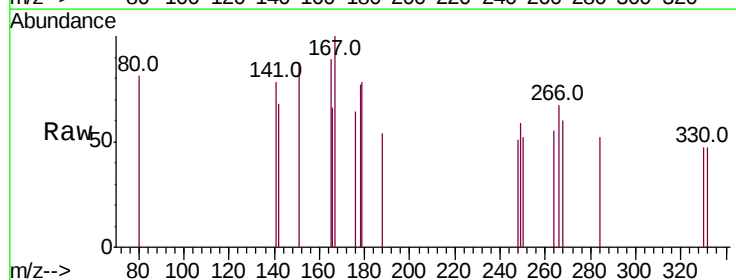
Tgt Ion:266 Resp: 57

Ion Ratio Lower Upper

266 100

264 81.3 59.0 88.4

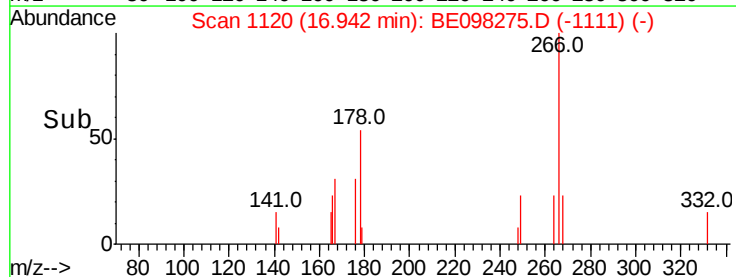
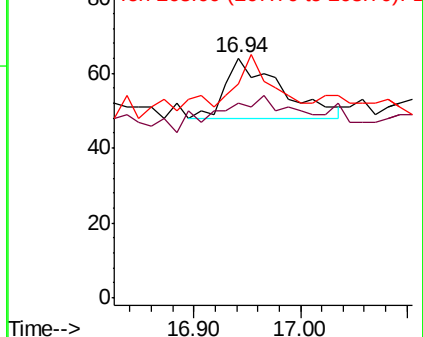
268 89.1 55.1 82.7#

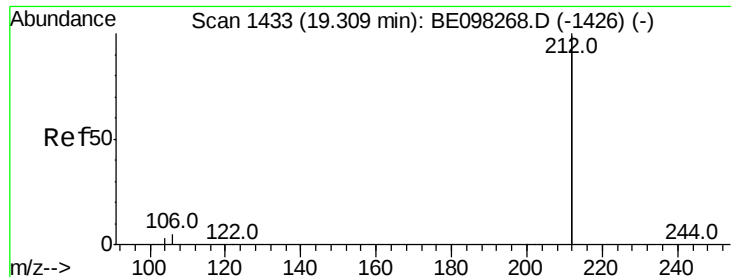


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.493 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

Instrument :

BNA_E

ClientSampleId :

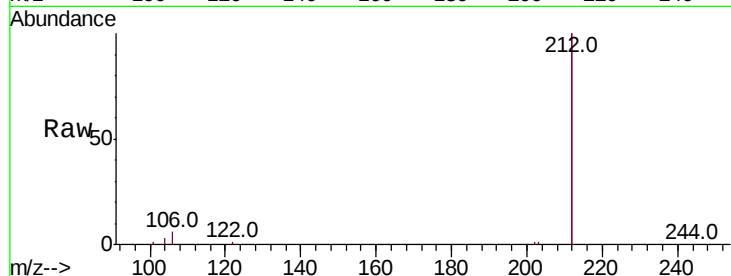
Tot Ion:212 Resp: 53742

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

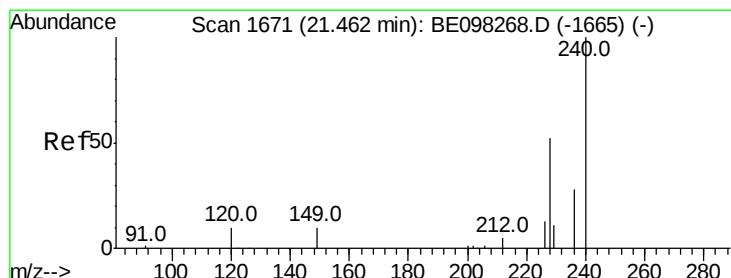
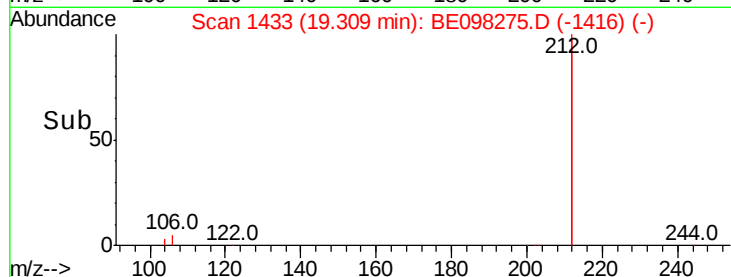
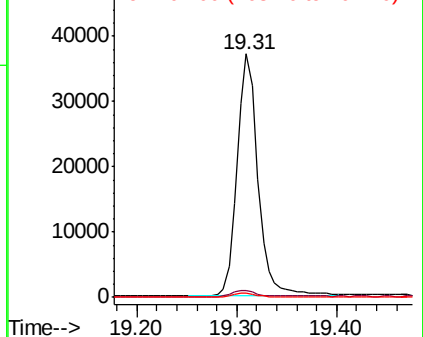
104 1.6 1.3 1.9



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: BE098275.D

Acq: 29 Nov 2018 15:48

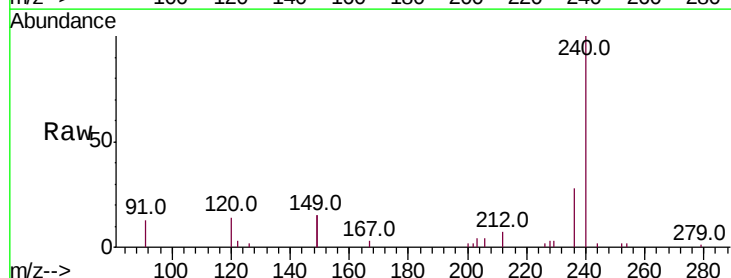
Tgt Ion:240 Resp: 11287

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

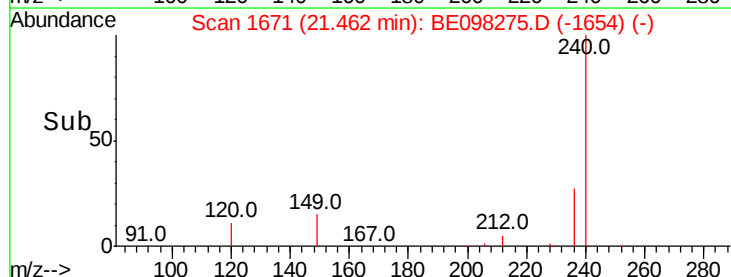
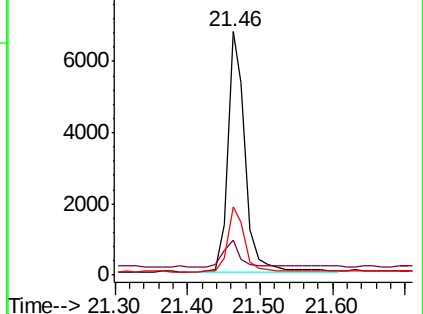
236 28.0 22.7 34.1

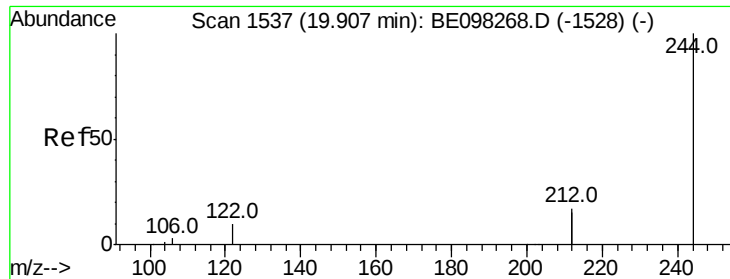


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.506 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

Instrument :

BNA_E

ClientSampleId :

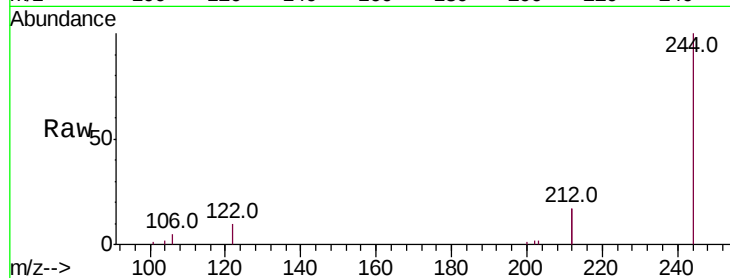
Tot Ion:244 Resp: 12841

Ion Ratio Lower Upper

244 100

212 33.1 27.4 41.0

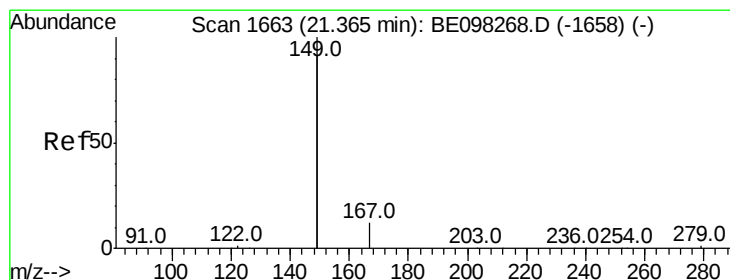
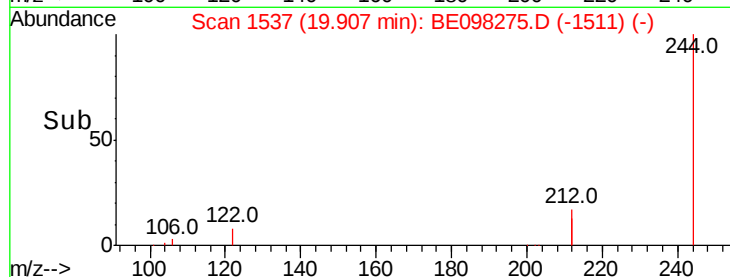
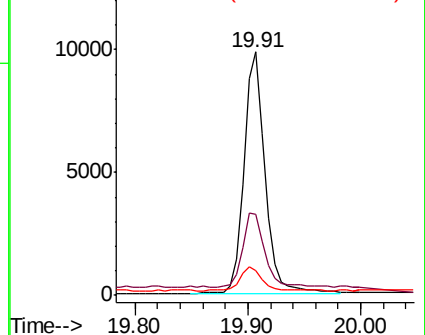
122 10.3 8.3 12.5



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: 0.092 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

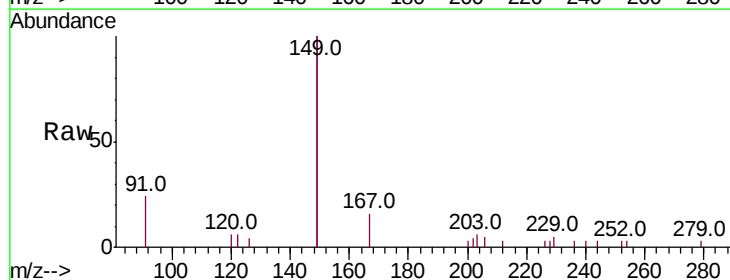
Tgt Ion:149 Resp: 7307

Ion Ratio Lower Upper

149 100

167 8.4 5.7 8.5

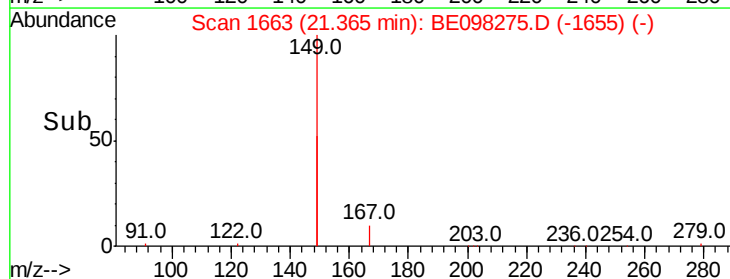
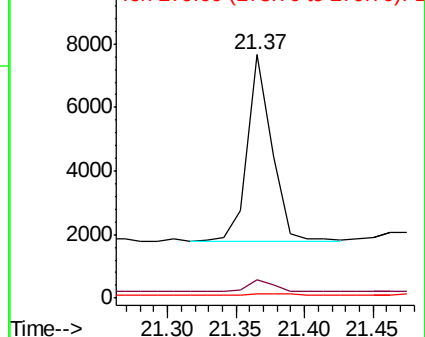
279 1.2 1.0 1.4

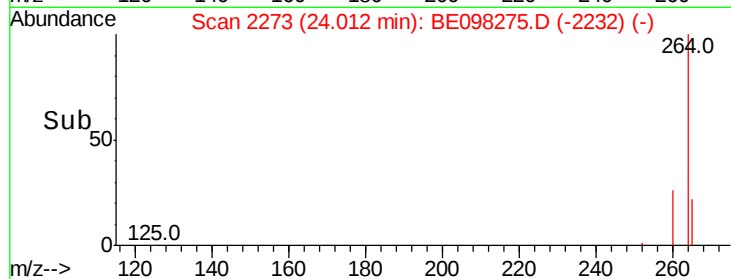
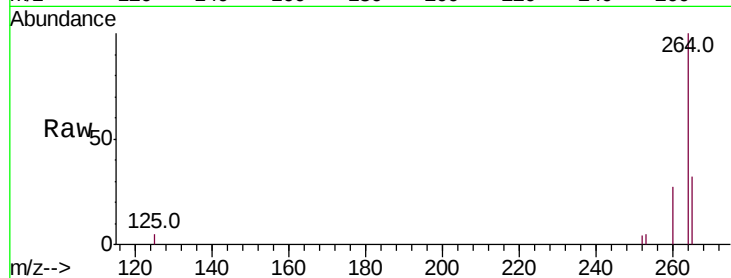
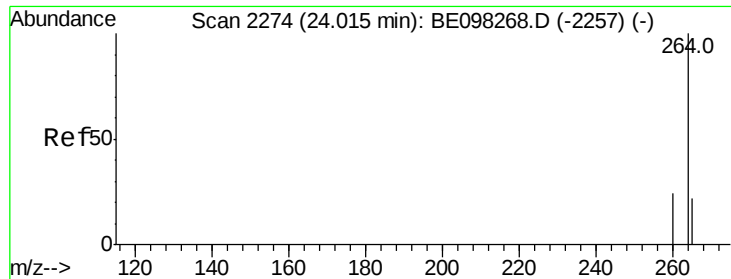


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.01 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE098275.D

Acq: 29 Nov 2018 15:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 11202

Ion Ratio Lower Upper

264 100

260 27.2 20.2 30.2

265 32.3 25.2 37.8

