

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
 Data File : BE098198.D
 Acq On : 12 Nov 2018 20:42
 Operator : SJ/JU
 Sample : PB114586BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114586BL

Quant Time: Nov 13 03:50:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

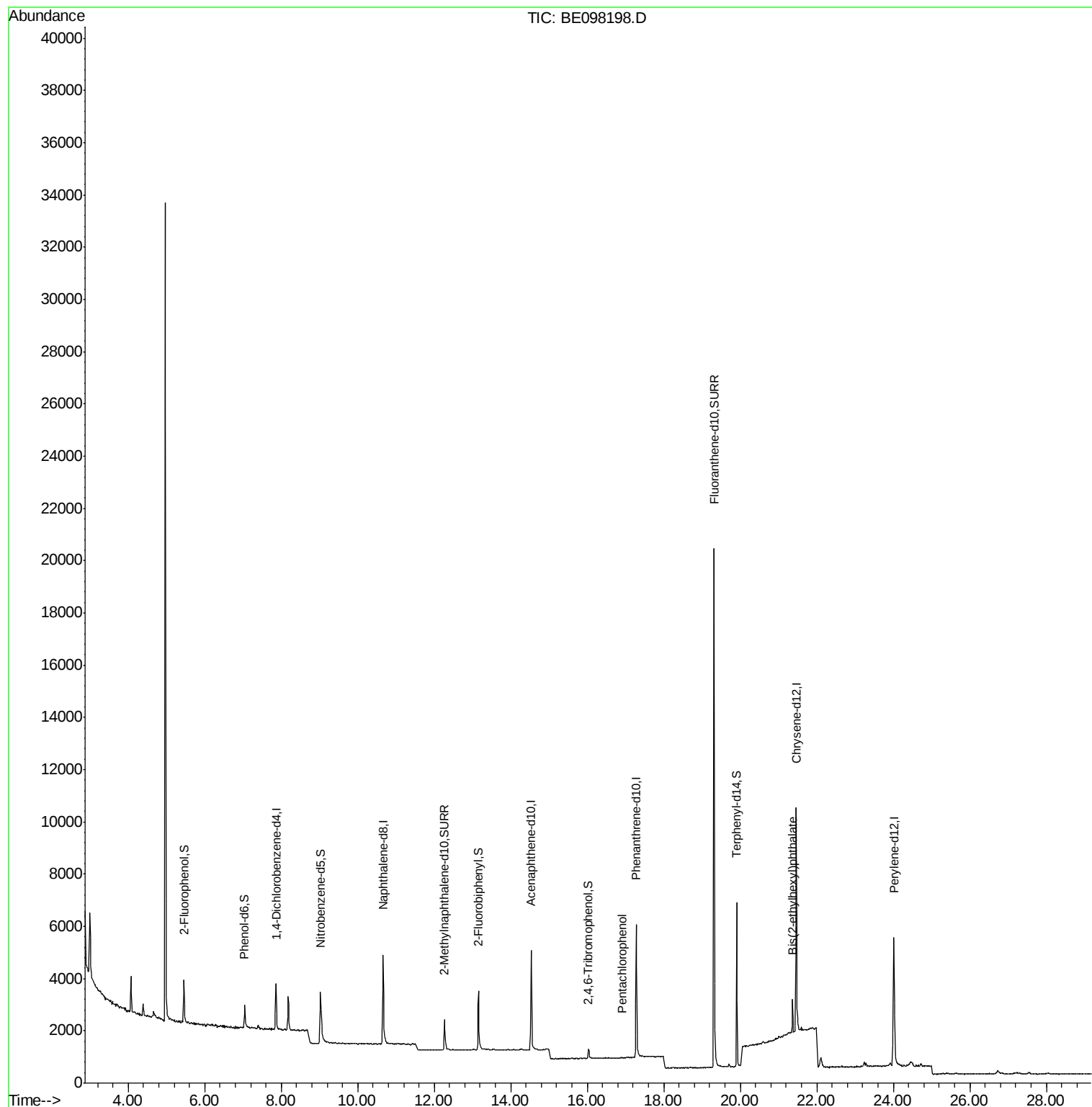
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	966	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	4010	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2895	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8001	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9094	0.40	ng	0.00
34) Perylene-d12	24.01	264	8449	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	804	0.29	ng	0.00
5) Phenol-d6	7.04	99	1107	0.25	ng	0.00
8) Nitrobenzene-d5	9.03	82	1126	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	1899	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	303	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2783	0.23	ng	0.01
25) Fluoranthene-d10	19.31	212	28650	0.29	ng	0.00
29) Terphenyl-d14	19.91	244	5475	0.27	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	6	0.085	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.37	149	1837	0.034	ng	# 97

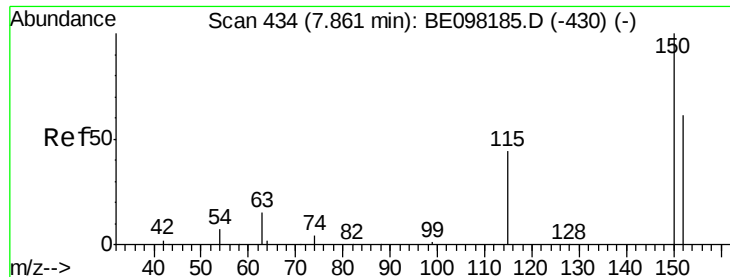
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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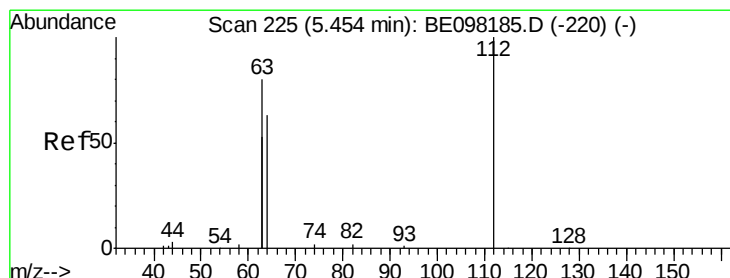
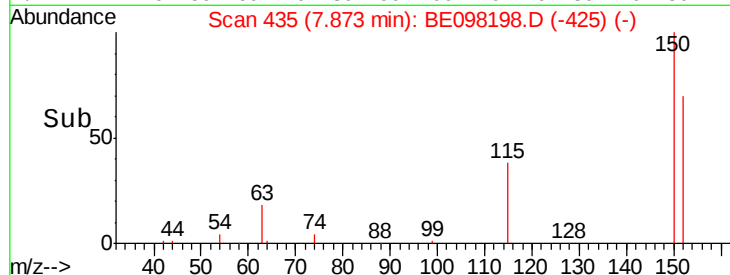
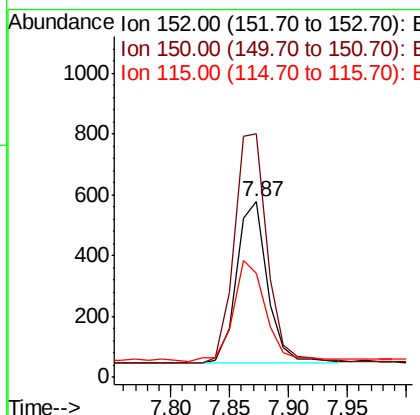
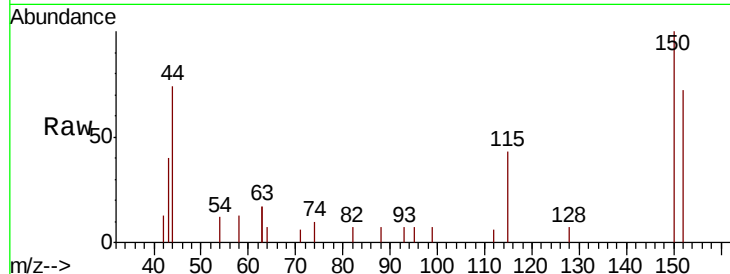




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.87 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BE098198.D
 Acq: 12 Nov 2018 20:42

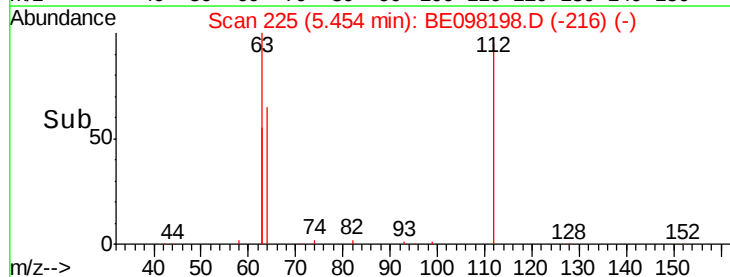
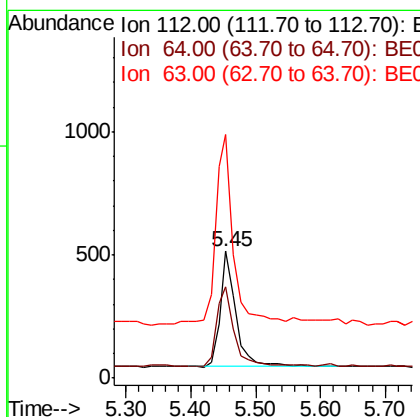
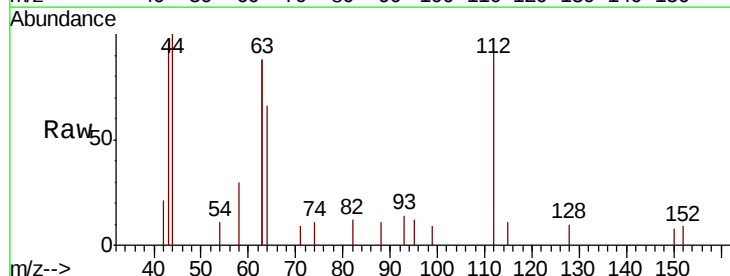
Instrument :
 BNA_E
 ClientSampleId :
 PB114586BL

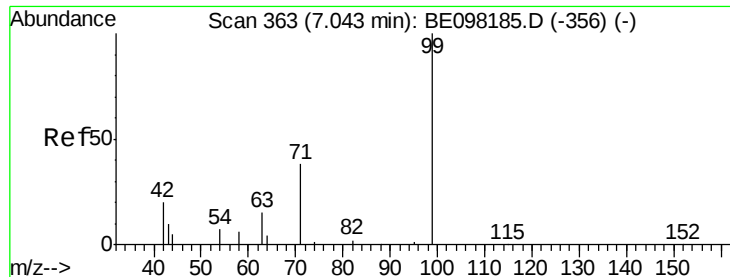
Tgt Ion:152 Resp: 966
 Ion Ratio Lower Upper
 152 100
 150 138.9 127.5 191.3
 115 59.4 60.3 90.5#



#4
 2-Fluorophenol
 Concen: 0.295 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE098198.D
 Acq: 12 Nov 2018 20:42

Tgt Ion:112 Resp: 804
 Ion Ratio Lower Upper
 112 100
 64 75.1 61.7 92.5
 63 166.9 136.2 204.2





#5

Phenol-d6

Concen: 0.253 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098198.D

Acq: 12 Nov 2018 20:42

Instrument :

BNA_E

ClientSampleId :

PB114586BL

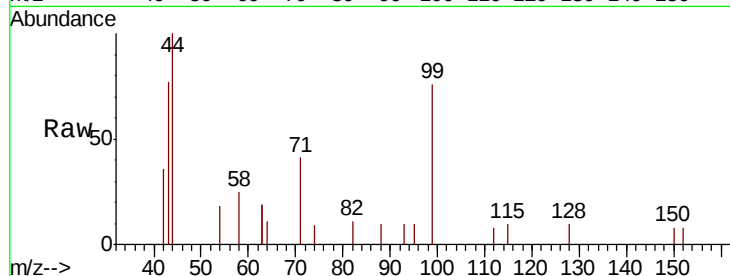
Tgt Ion: 99 Resp: 1107

Ion Ratio Lower Upper

99 100

42 28.5 27.1 40.7

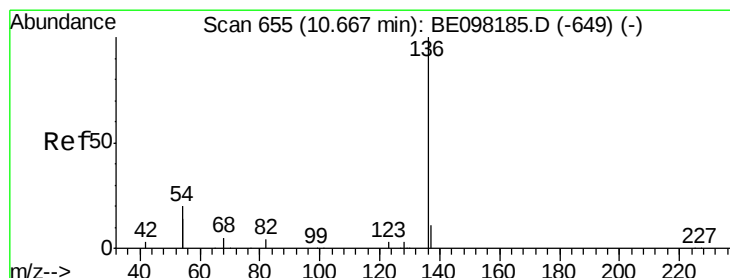
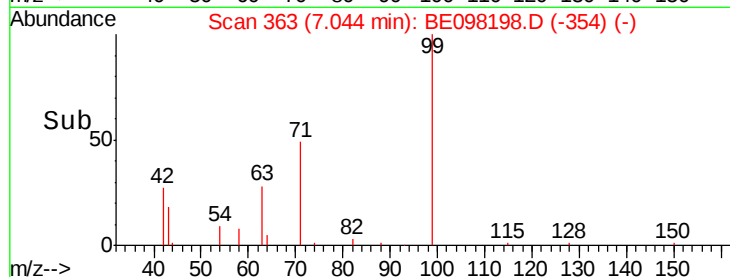
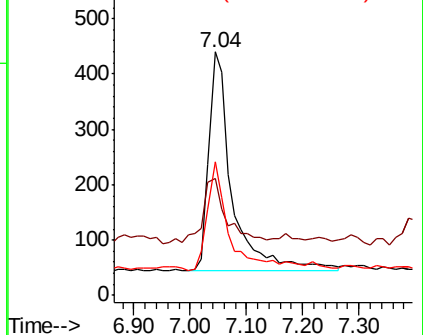
71 47.1 37.0 55.6



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098198.D

Acq: 12 Nov 2018 20:42

Tgt Ion: 136 Resp: 4010

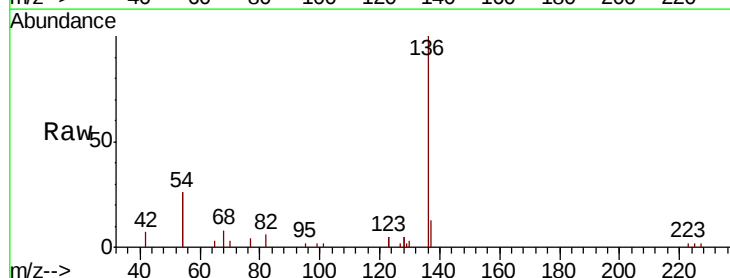
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 51.7 31.3 46.9#

68 8.0 4.8 7.2#

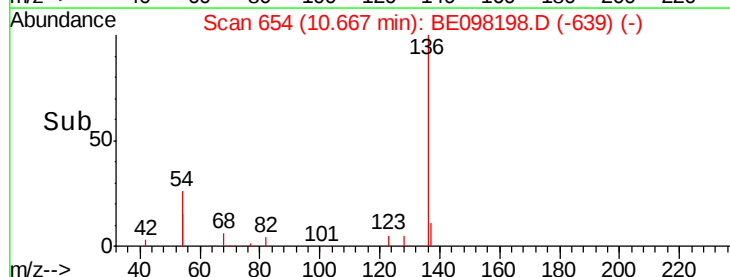
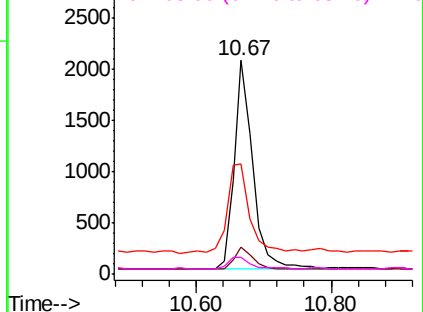


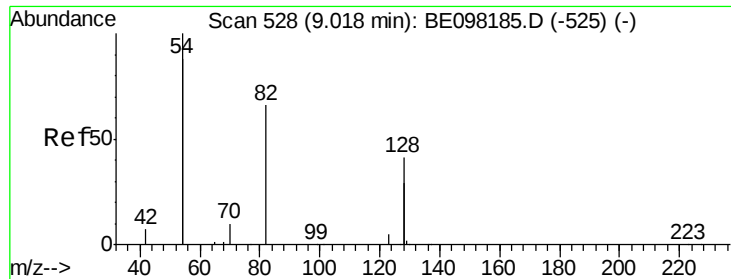
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.281 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098198.D

Acq: 12 Nov 2018 20:42

Instrument :

BNA_E

ClientSampleId :

PB114586BL

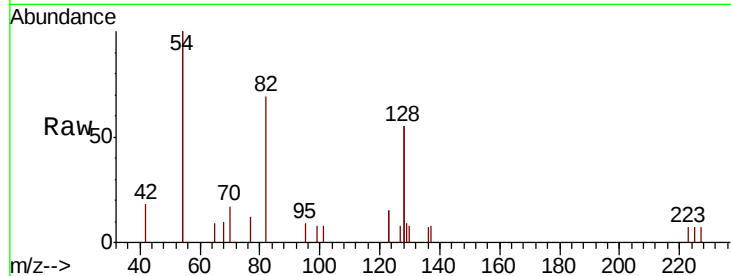
Tgt Ion: 82 Resp: 1126

Ion Ratio Lower Upper

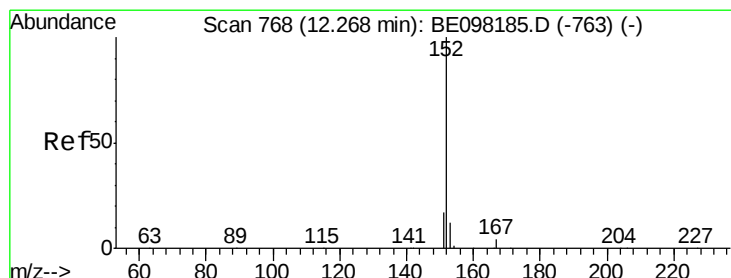
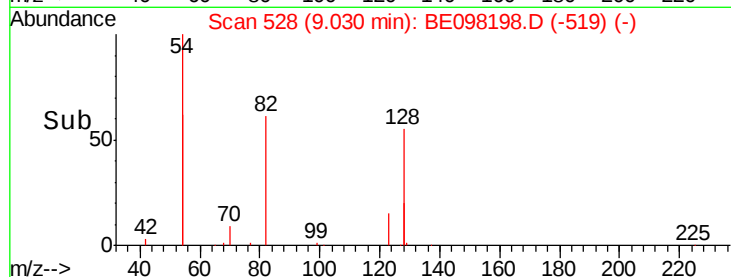
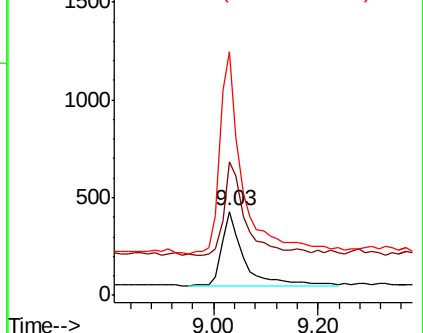
82 100

128 158.6 96.1 144.1#

54 289.8 232.0 348.0



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: 0.270 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098198.D

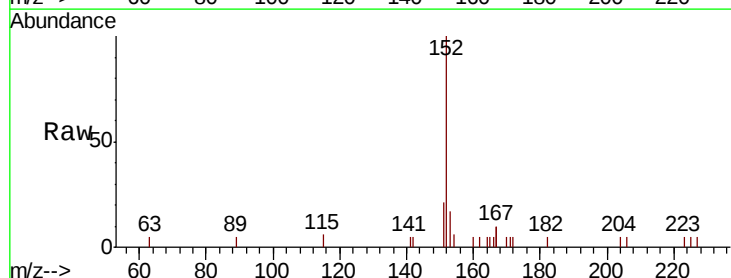
Acq: 12 Nov 2018 20:42

Tgt Ion: 152 Resp: 1899

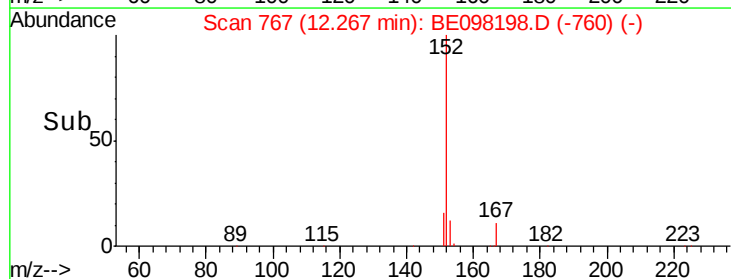
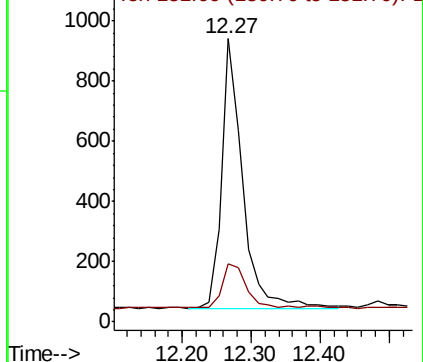
Ion Ratio Lower Upper

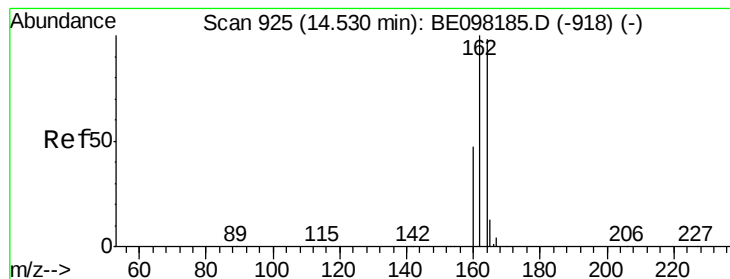
152 100

151 20.0 15.4 23.2



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: BE098198.D

Acq: 12 Nov 2018 20:42

Instrument :

BNA_E

ClientSampleId :

PB114586BL

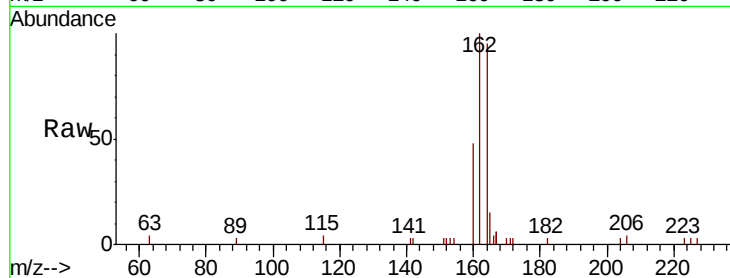
Tgt Ion:164 Resp: 2895

Ion Ratio Lower Upper

164 100

162 105.0 81.8 122.6

160 50.9 39.4 59.0

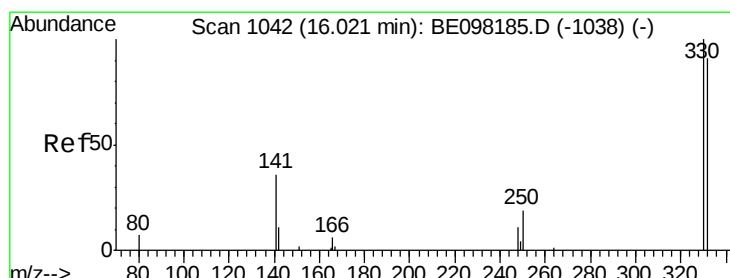
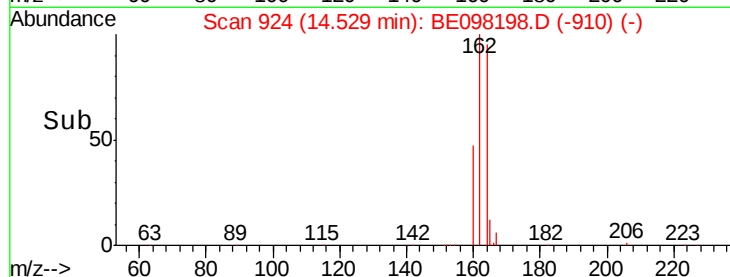
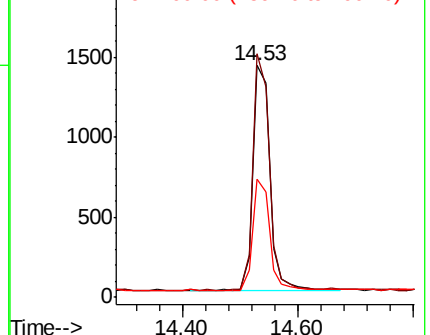


Abundance

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: 0.240 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098198.D

Acq: 12 Nov 2018 20:42

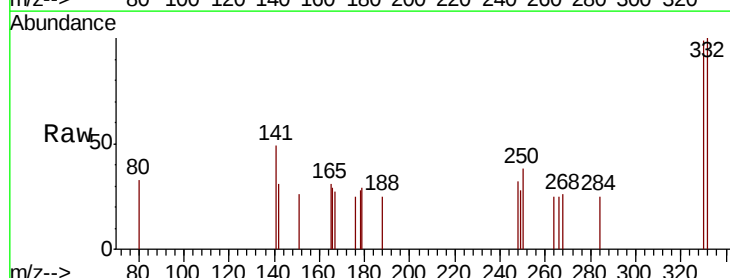
Tgt Ion:330 Resp: 303

Ion Ratio Lower Upper

330 100

332 100.7 77.7 116.5

141 40.6 33.6 50.4

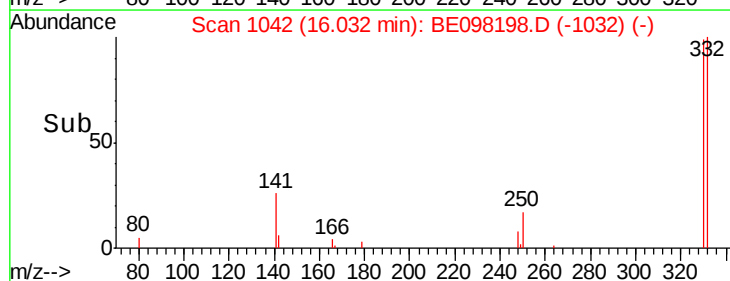
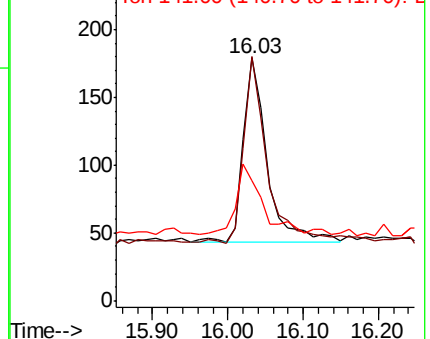


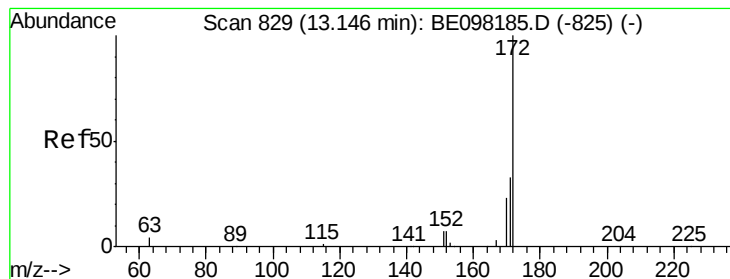
Abundance

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: 0.230 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098198.D

Acq: 12 Nov 2018 20:42

Instrument :

BNA_E

ClientSampleId :

PB114586BL

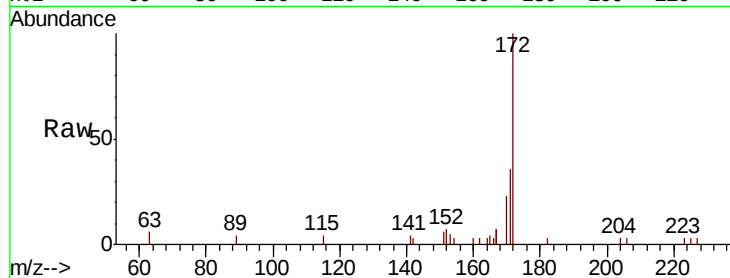
Tgt Ion:172 Resp: 2783

Ion Ratio Lower Upper

172 100

171 35.7 27.3 40.9

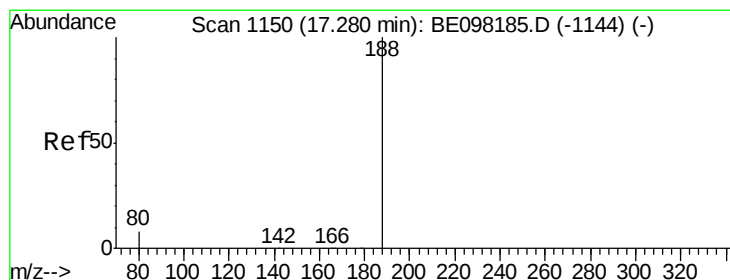
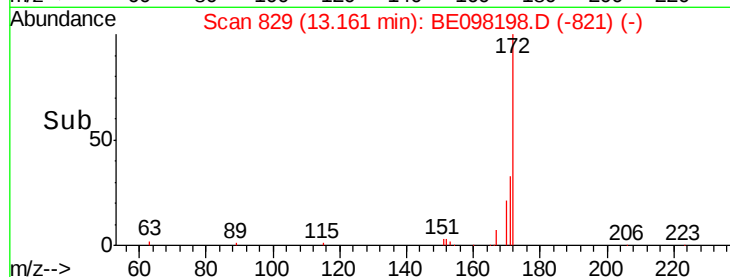
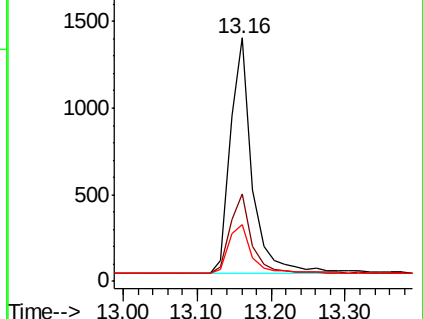
170 23.3 19.4 29.0



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: BE098198.D

Acq: 12 Nov 2018 20:42

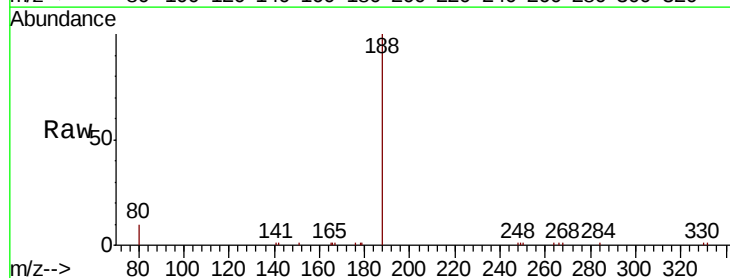
Tgt Ion:188 Resp: 8001

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

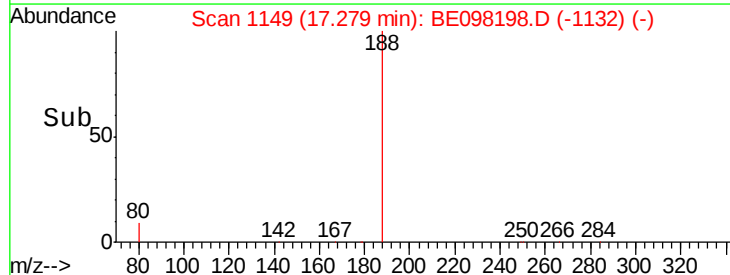
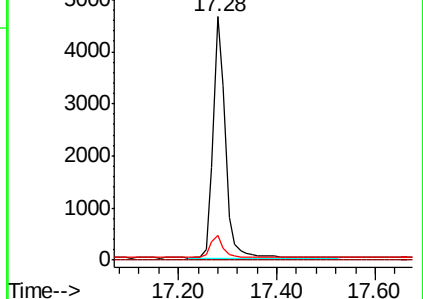
80 10.3 6.7 10.1#

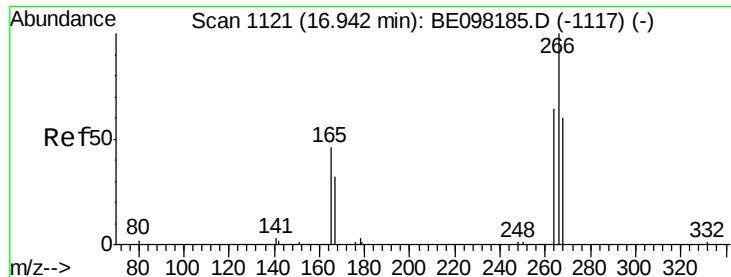


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

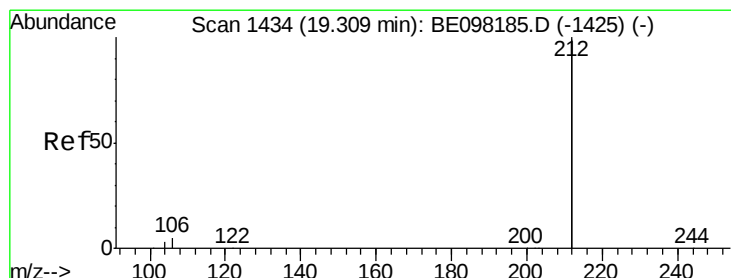
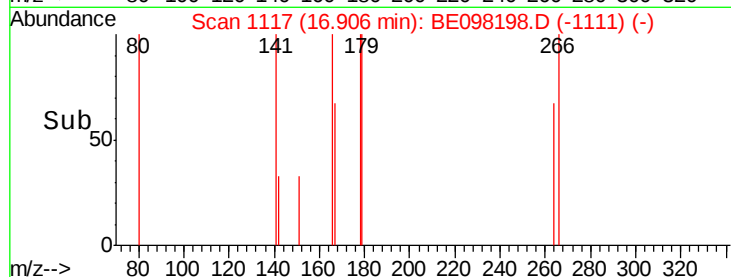
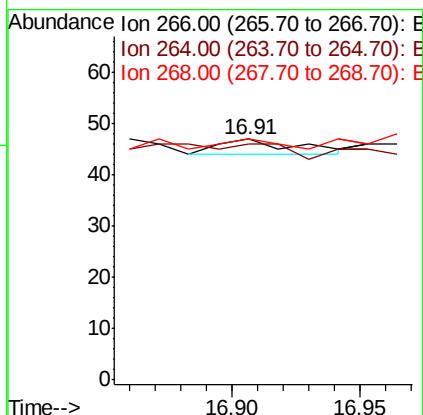
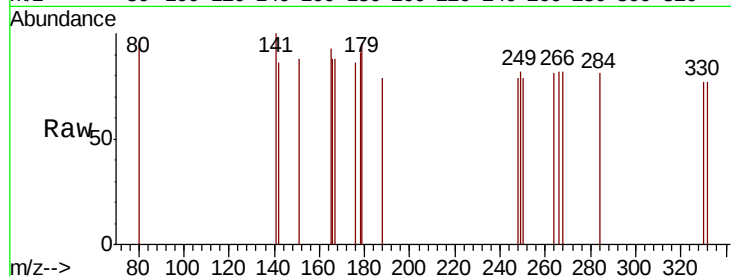




#22
 Pentachlorophenol
 Concen: 0.085 ng
 RT: 16.91 min Scan# 1117
 Delta R.T. -0.03 min
 Lab File: BE098198.D
 Acq: 12 Nov 2018 20:42

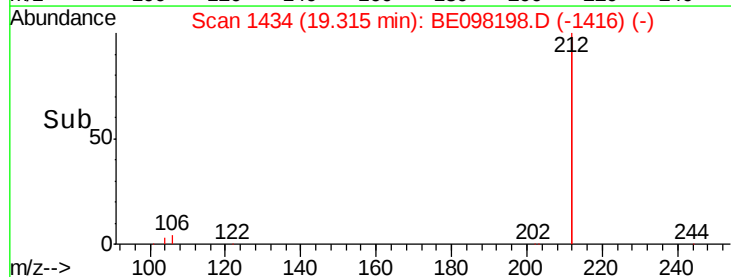
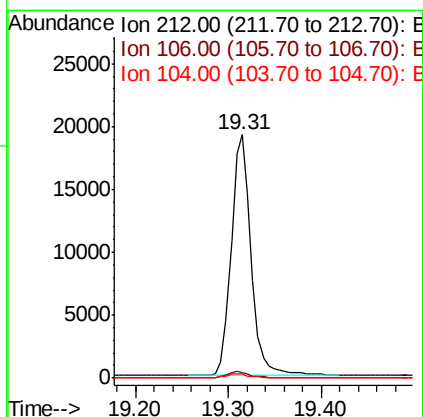
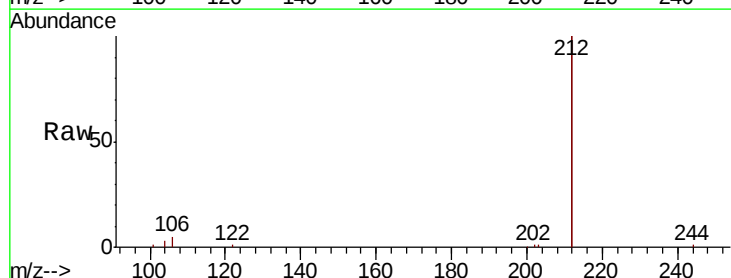
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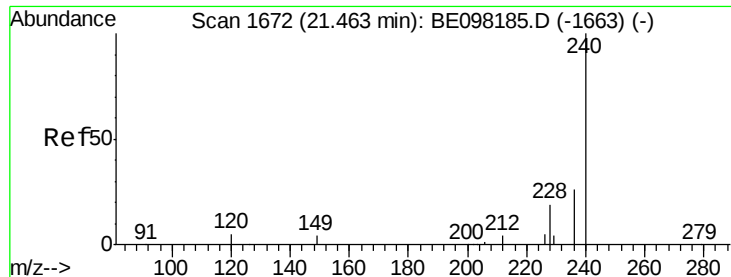
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 97.9 57.6 86.4#
 268 100.0 56.8 85.2#



#25
 Fluoranthene-d10
 Concen: 0.287 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE098198.D
 Acq: 12 Nov 2018 20:42

Tgt Ion: 212 Resp: 28650
 Ion Ratio Lower Upper
 212 100
 106 2.6 1.8 2.8
 104 1.4 1.1 1.7





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098198.D

Acq: 12 Nov 2018 20:42

Instrument :

BNA_E

ClientSampleId :

PB114586BL

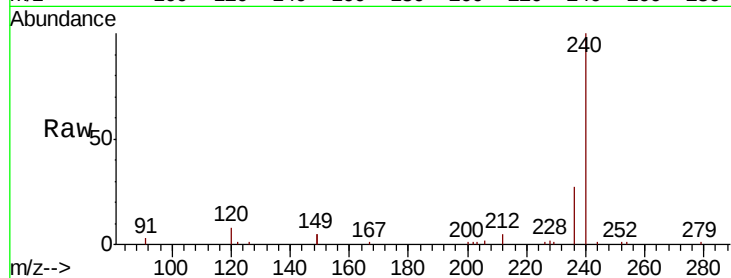
Tgt Ion:240 Resp: 9094

Ion Ratio Lower Upper

240 100

120 8.2 4.8 7.2#

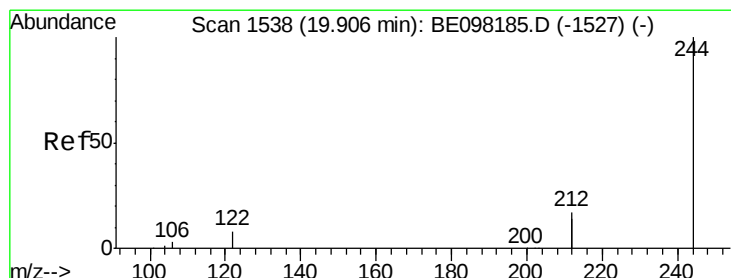
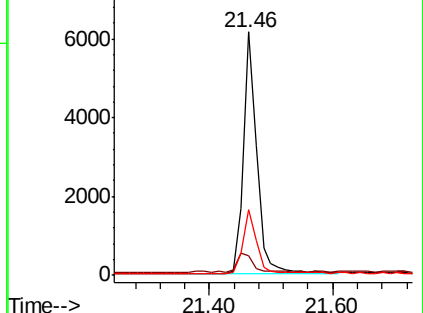
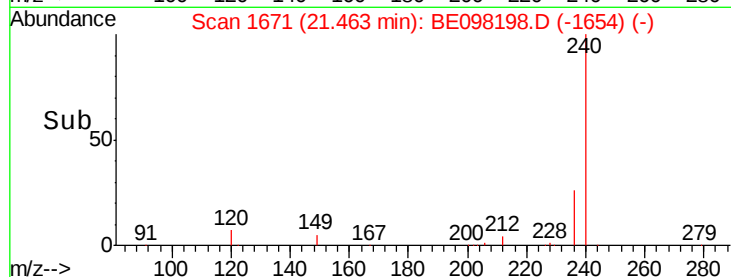
236 27.1 21.4 32.0



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: 0.265 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098198.D

Acq: 12 Nov 2018 20:42

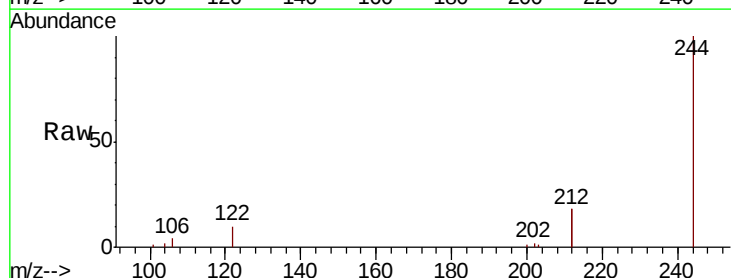
Tgt Ion:244 Resp: 5475

Ion Ratio Lower Upper

244 100

212 36.6 26.8 40.2

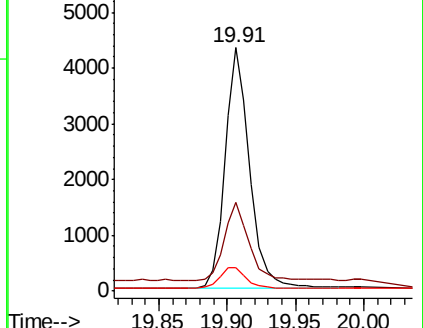
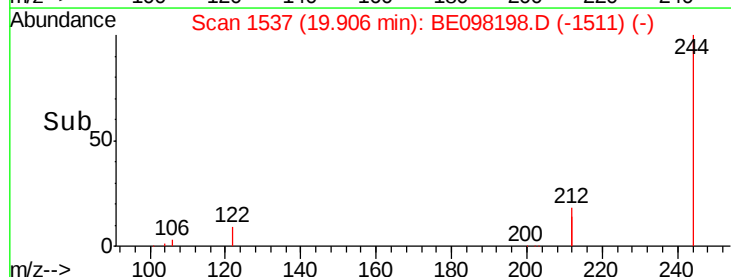
122 9.7 7.0 10.6

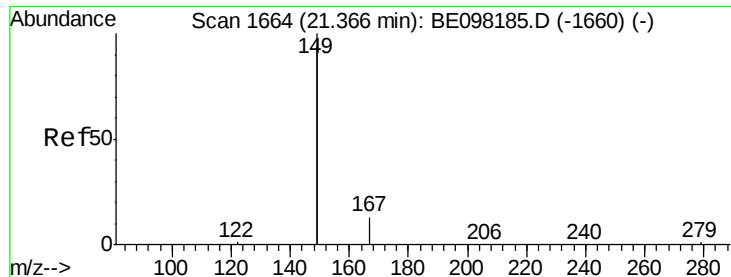


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

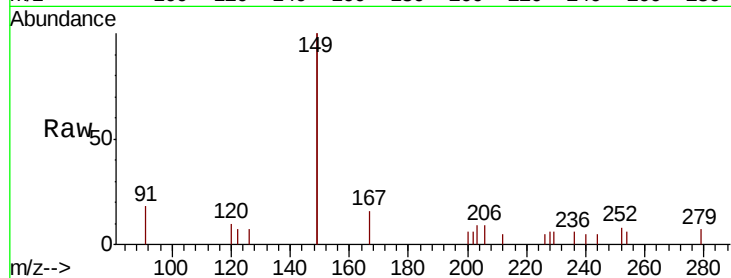




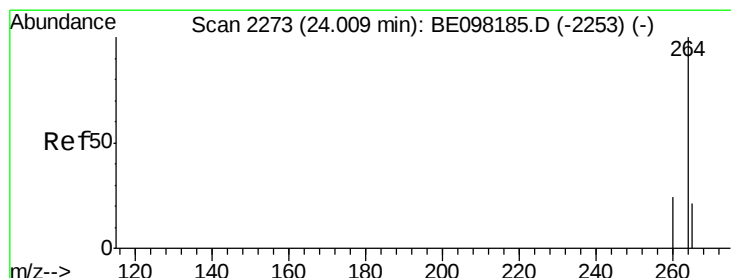
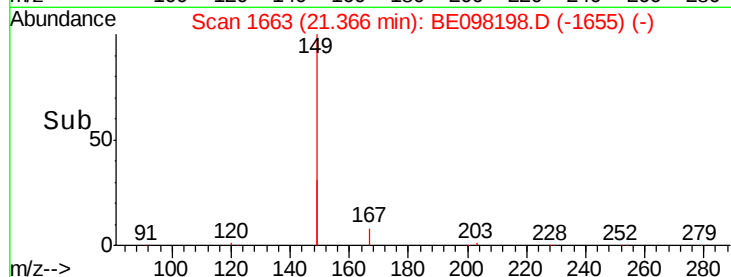
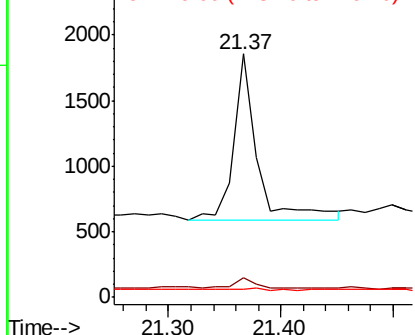
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.034 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BE098198.D
 Acq: 12 Nov 2018 20:42

Instrument :
 BNA_E
 ClientSampleId :
 PB114586BL

Tgt Ion:149 Resp: 1837
 Ion Ratio Lower Upper
 149 100
 167 5.7 5.6 8.4
 279 1.4 0.9 1.3#

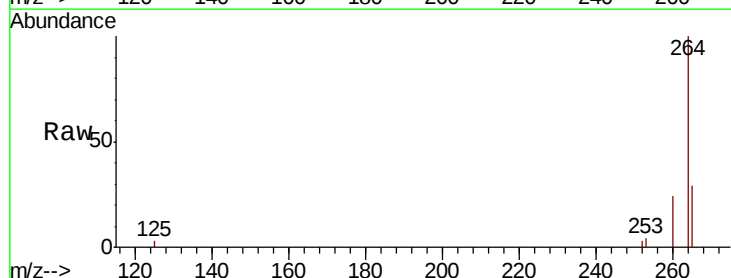


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BE098198.D
 Acq: 12 Nov 2018 20:42

Tgt Ion:264 Resp: 8449
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 28.7 21.3 31.9



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

