

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098977.D
 Acq On : 15 Mar 2019 18:36
 Operator : JU/SJ
 Sample : K1912-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T0-OZ(PRE)

Quant Time: Mar 16 00:52:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

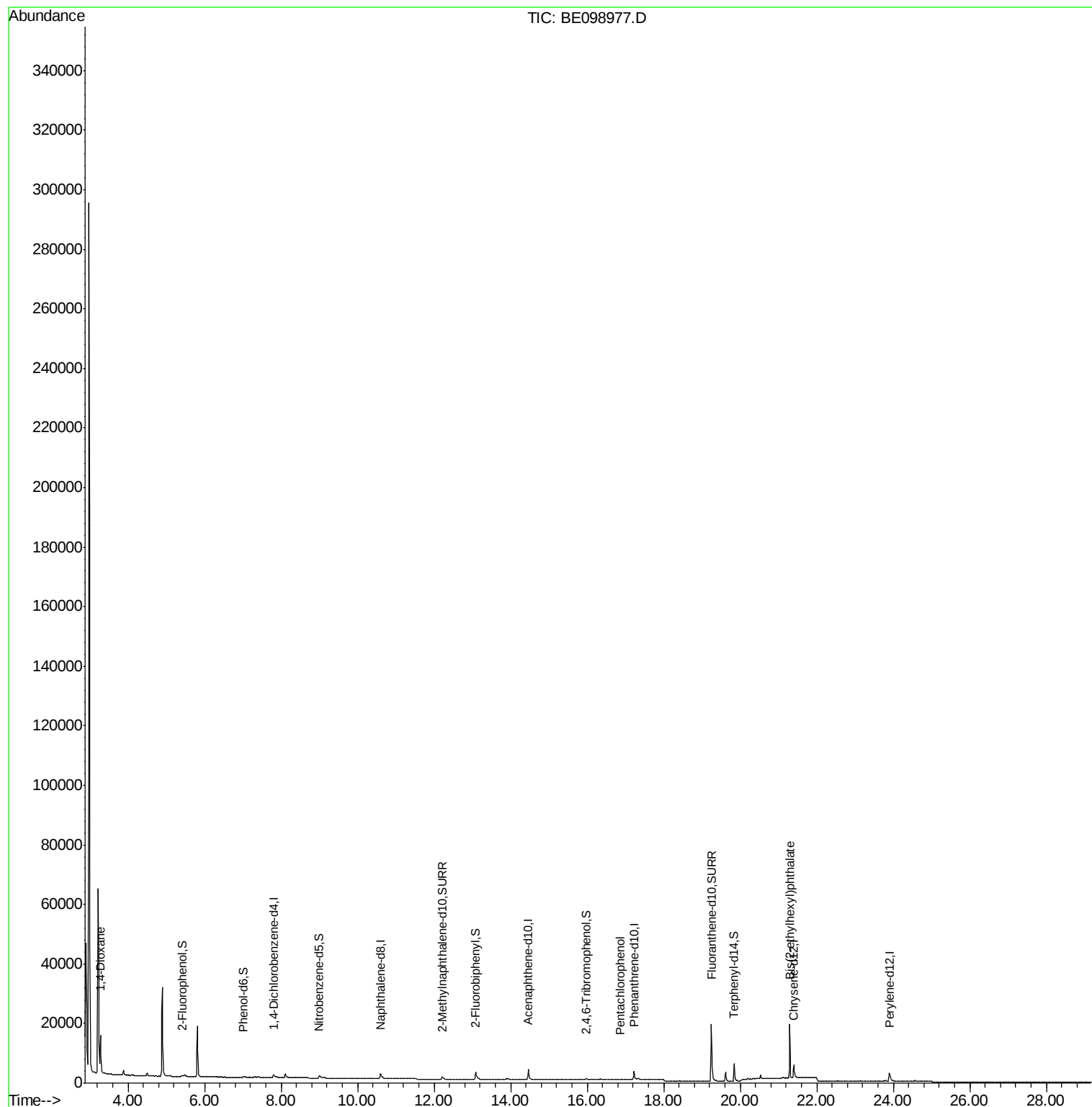
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	774	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3516	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2529	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5595	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6787	0.40	ng	0.00
34) Perylene-d12	23.90	264	6149	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	363	0.16	ng	0.02
5) Phenol-d6	7.01	99	245	0.07	ng	0.02
8) Nitrobenzene-d5	8.99	82	1245	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2391	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	406	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4135	0.39	ng	0.00
25) Fluoranthene-d10	19.25	212	33775	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	6785	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	6898	5.684	ng	98
22) Pentachlorophenol	16.87	266	6	0.269	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	19441	0.431	ng	100

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

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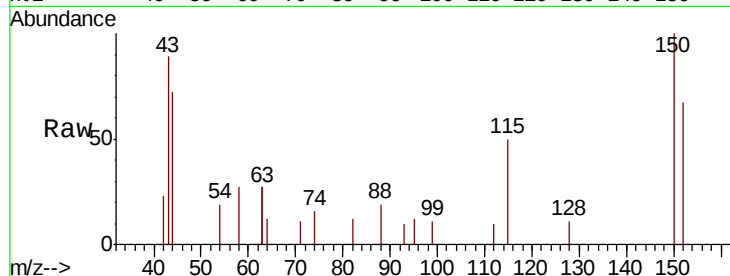


#1

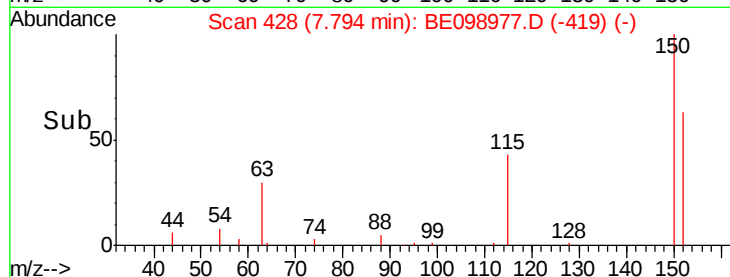
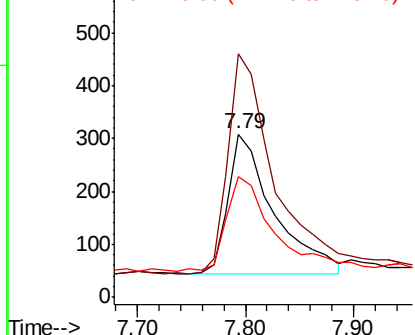
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098977.D
Acq: 15 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
M3-T0-OZ(PRE)

Tgt Ion: 152 Resp: 774
Ion Ratio Lower Upper
152 100
150 149.4 122.5 183.7
115 74.4 57.4 86.2



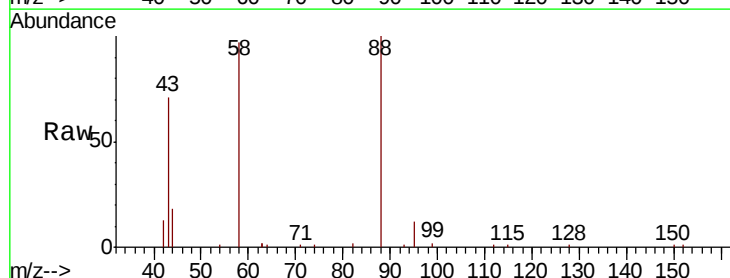
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



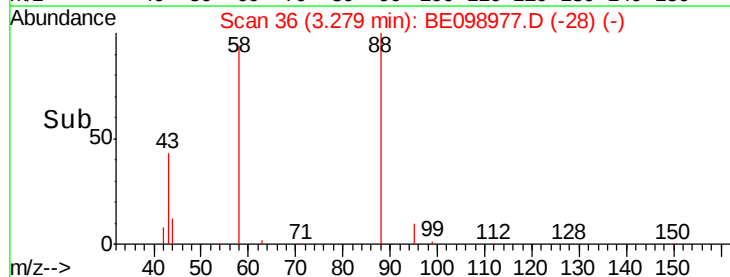
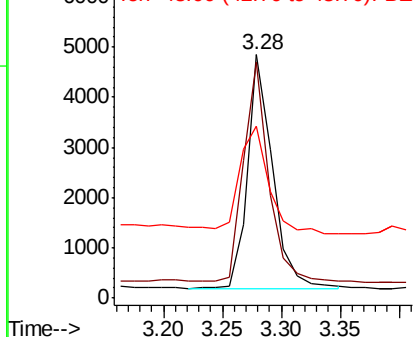
#2

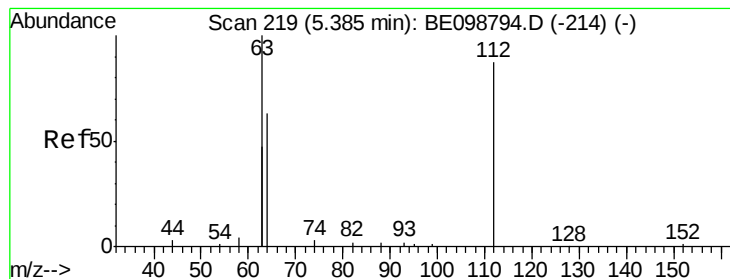
1,4-Dioxane
Concen: 5.684 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098977.D
Acq: 15 Mar 2019 18:36

Tgt Ion: 88 Resp: 6898
Ion Ratio Lower Upper
88 100
58 93.5 75.8 113.6
43 54.6 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





#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098977.D

Acq: 15 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

M3-T0-OZ(PRE)

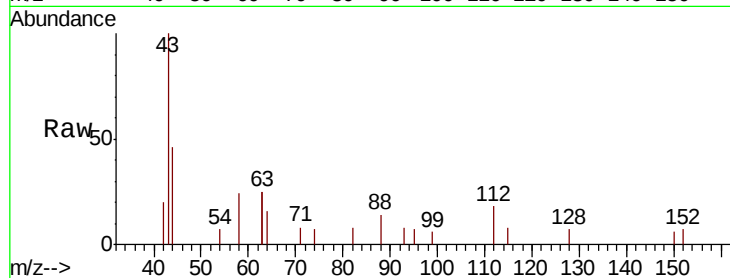
Tgt Ion: 112 Resp: 363

Ion Ratio Lower Upper

112 100

64 98.9 57.9 86.9#

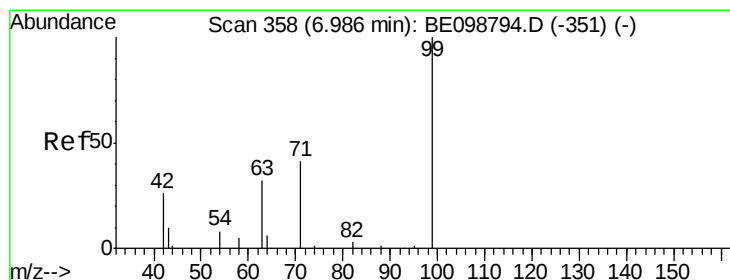
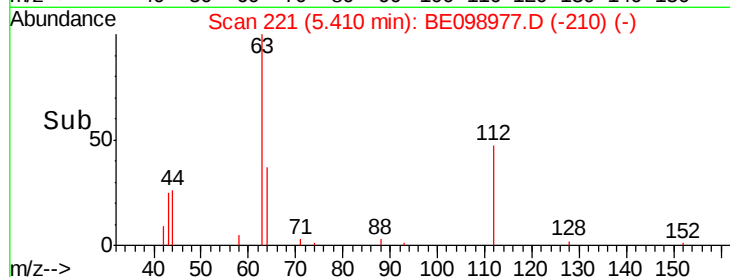
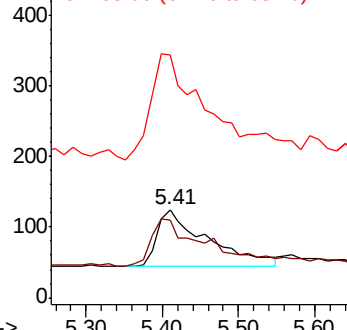
63 198.3 158.3 237.5



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: 0.075 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098977.D

Acq: 15 Mar 2019 18:36

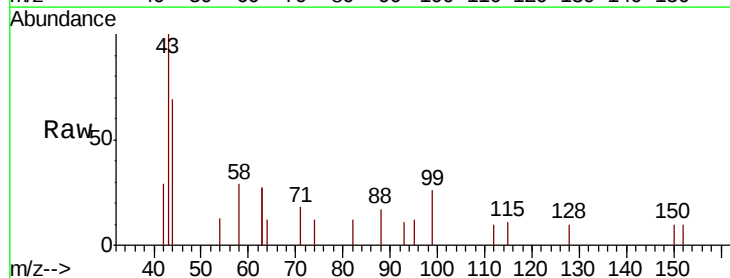
Tgt Ion: 99 Resp: 245

Ion Ratio Lower Upper

99 100

42 76.7 24.2 36.2#

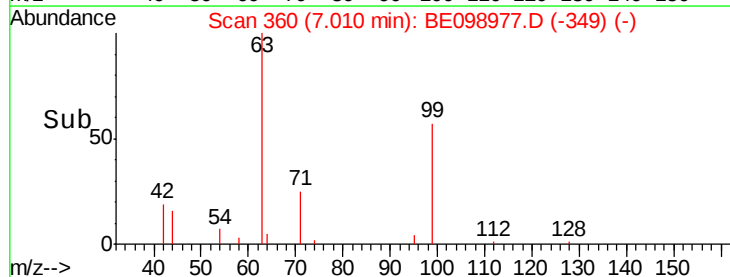
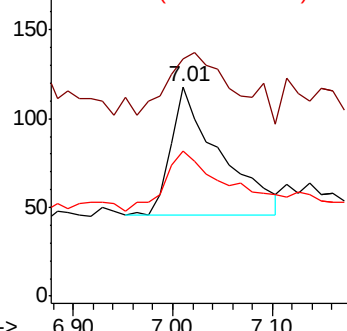
71 60.0 35.7 53.5#



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: BE098977.D

Acq: 15 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

M3-T0-OZ(PRE)

Tgt Ion:136 Resp: 3516

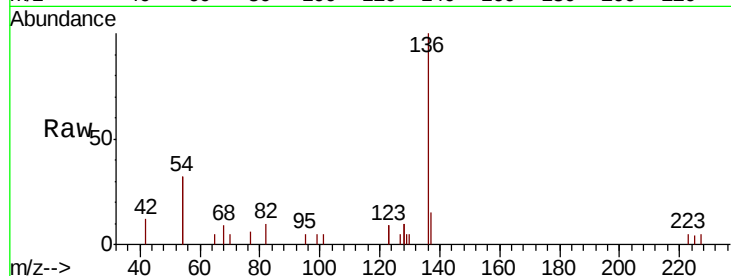
Ion Ratio Lower Upper

136 100

137 15.1 11.4 17.0

54 64.0 39.3 58.9#

68 9.5 6.7 10.1

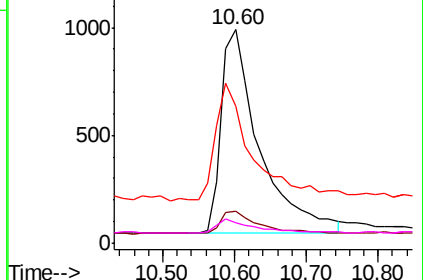
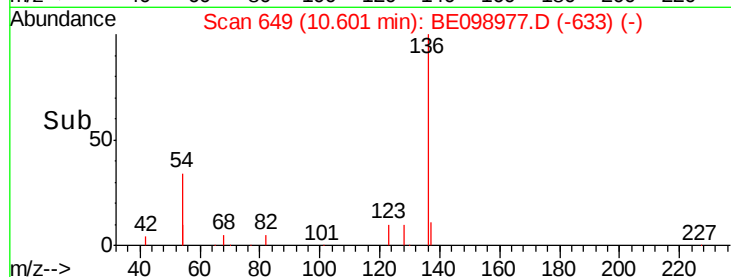


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098977.D

Acq: 15 Mar 2019 18:36

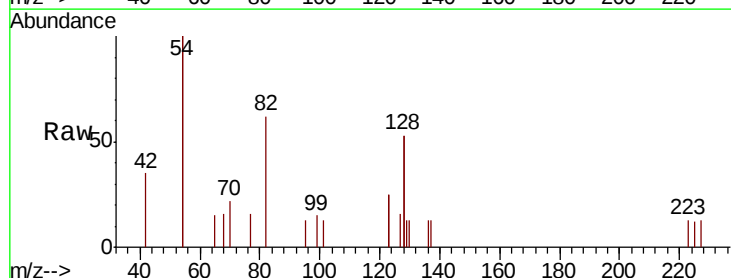
Tgt Ion: 82 Resp: 1245

Ion Ratio Lower Upper

82 100

128 171.7 123.8 185.8

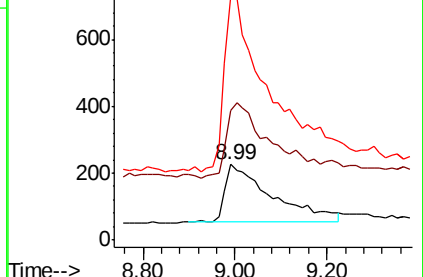
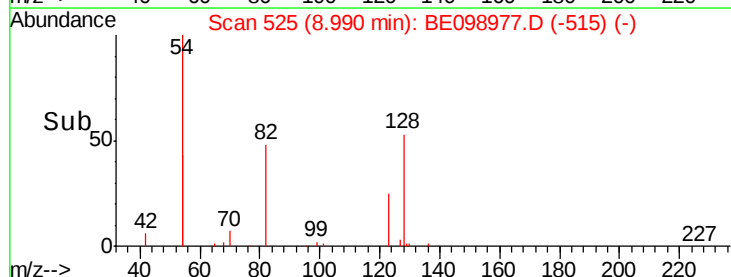
54 322.1 203.4 305.2#



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

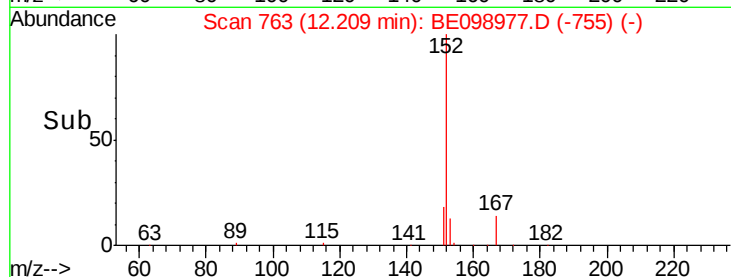
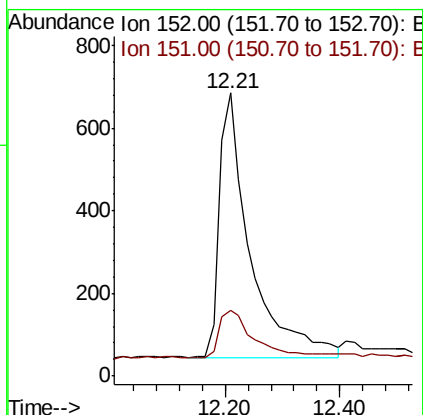
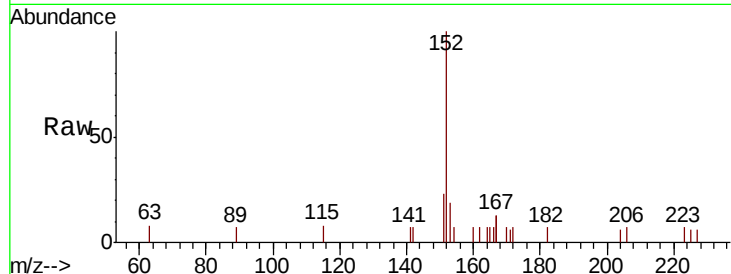




#11
 2-Methylnaphthalene-d10
 Concen: 0.368 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098977.D
 Acq: 15 Mar 2019 18:36

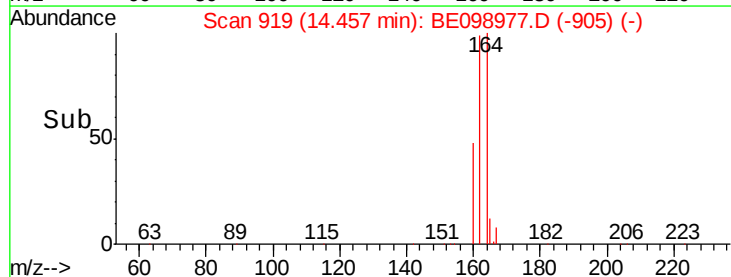
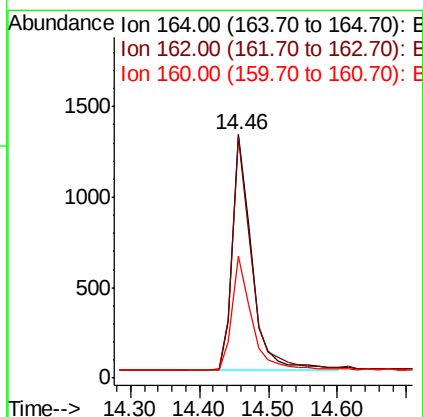
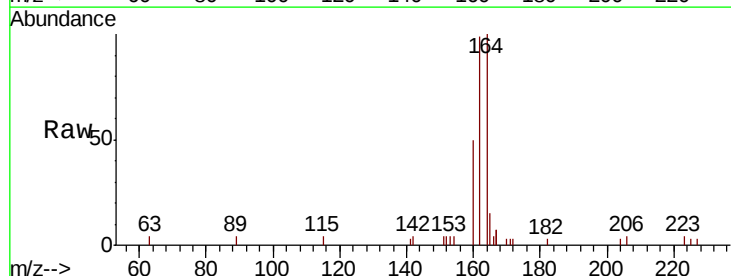
Instrument :
 BNA_E
 ClientSampleId :
 M3-T0-OZ(PRE)

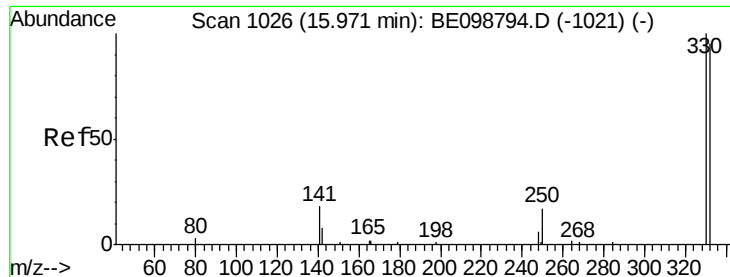
Tgt Ion:152 Resp: 2391
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098977.D
 Acq: 15 Mar 2019 18:36

Tgt Ion:164 Resp: 2529
 Ion Ratio Lower Upper
 164 100
 162 99.2 80.2 120.2
 160 50.3 37.8 56.8

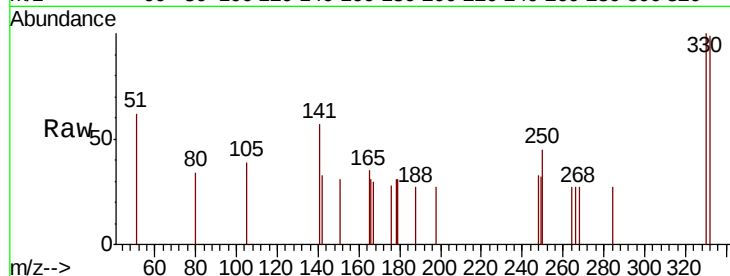




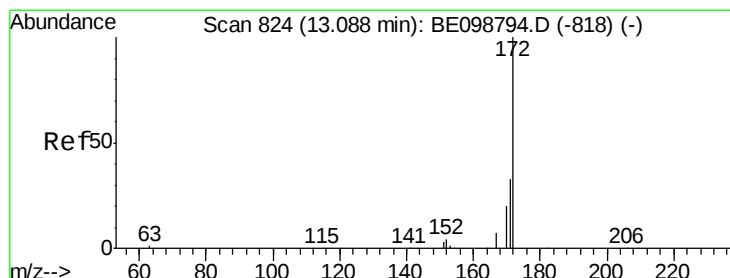
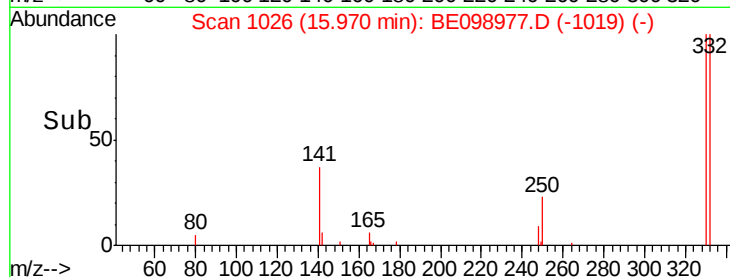
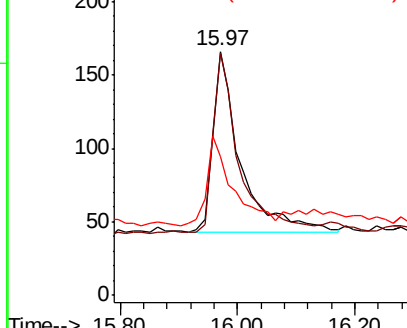
#14
 2,4,6-Tribromophenol
 Concen: 0.318 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098977.D
 Acq: 15 Mar 2019 18:36

Instrument :
 BNA_E
 ClientSampleId :
 M3-T0-OZ(PRE)

Tgt Ion: 330 Resp: 406
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.6 116.4
 141 47.3 31.0 46.4#

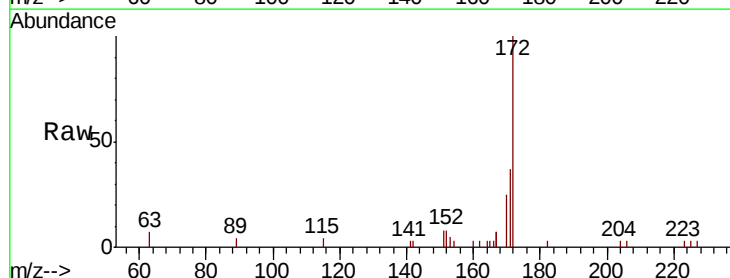


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

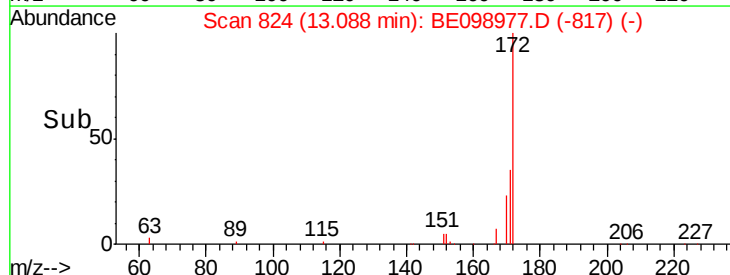
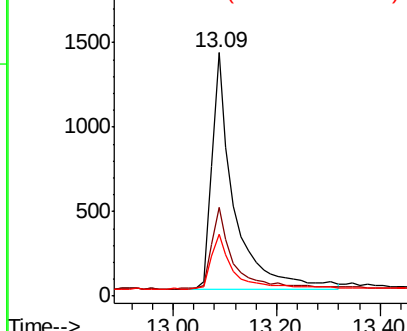


#15
 2-Fluorobiphenyl
 Concen: 0.395 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098977.D
 Acq: 15 Mar 2019 18:36

Tgt Ion: 172 Resp: 4135
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.0 42.0
 170 25.2 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: BE098977.D

Acq: 15 Mar 2019 18:36

Instrument :

BNA_E

ClientSampleId :

M3-T0-OZ(PRE)

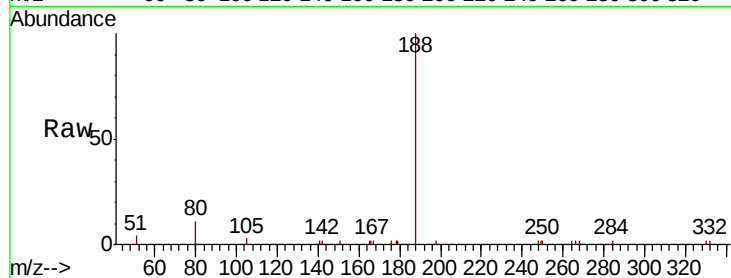
Tgt Ion:188 Resp: 5595

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

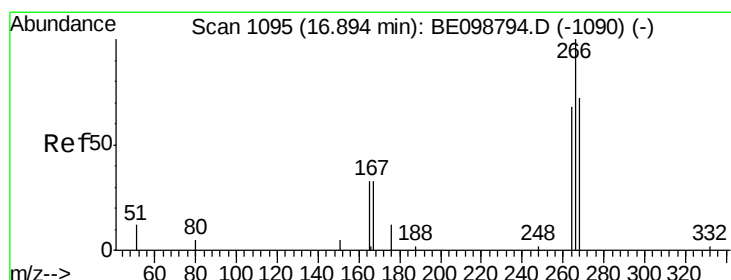
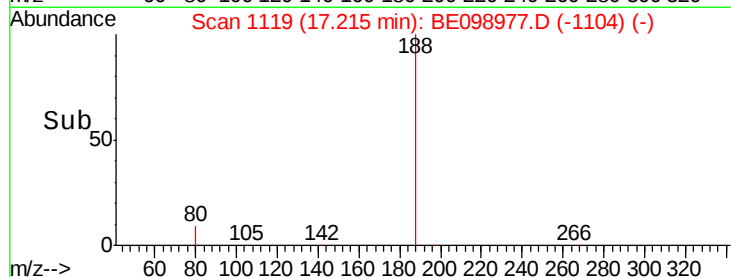
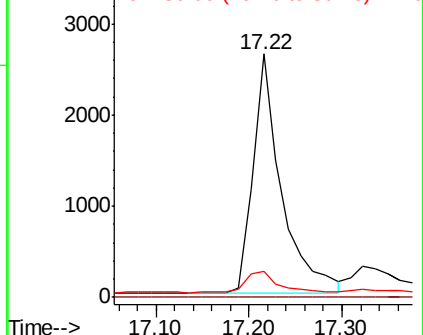
80 10.7 6.3 9.5#



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: 0.269 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098977.D

Acq: 15 Mar 2019 18:36

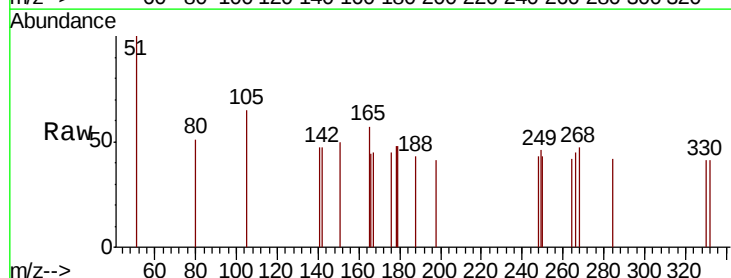
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

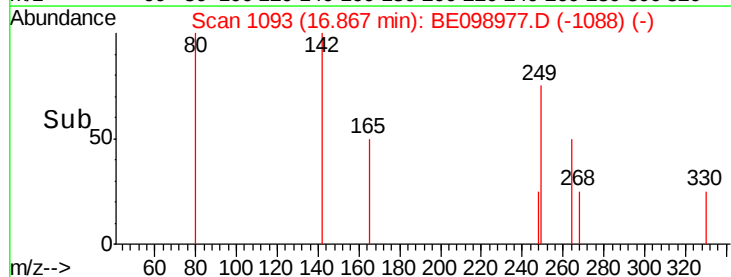
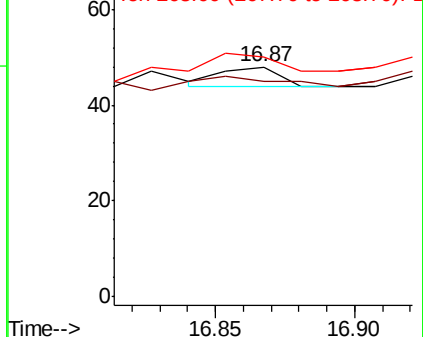
268 104.2 69.8 104.8

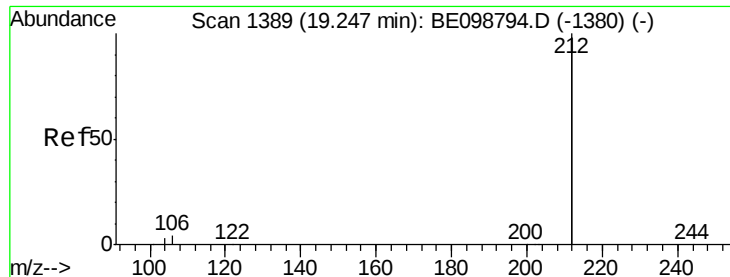


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098977.D

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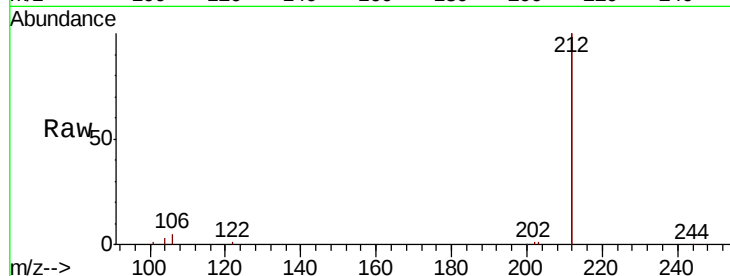
Tgt Ion:212 Resp: 33775

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

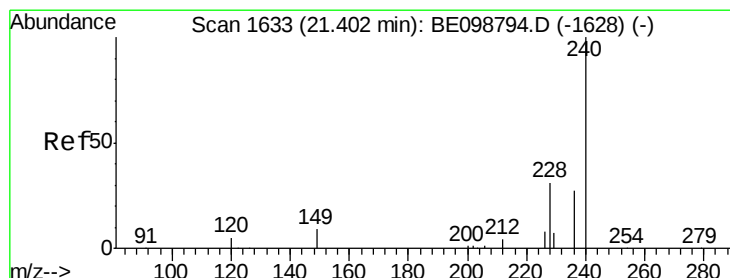
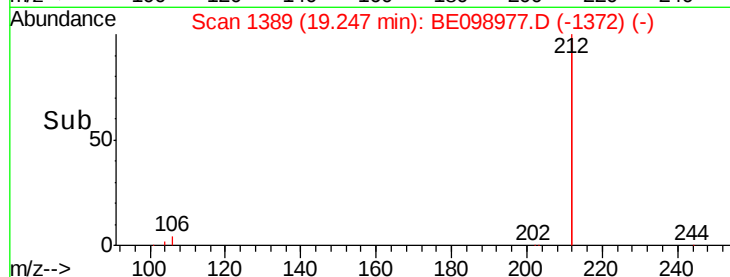
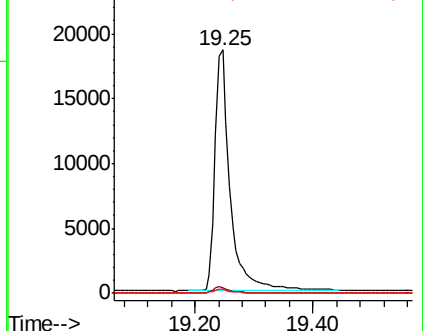
104 1.4 1.0 1.6



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: BE098977.D

Acq: 15 Mar 2019 18:36

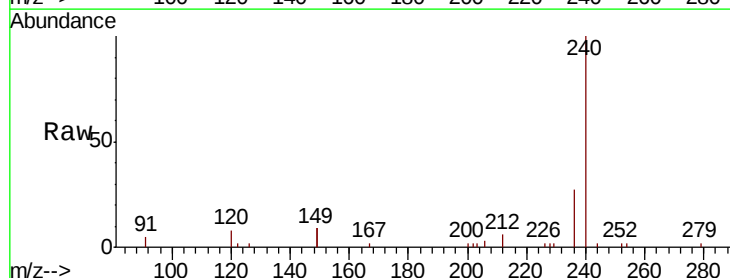
Tgt Ion:240 Resp: 6787

Ion Ratio Lower Upper

240 100

120 8.5 5.0 7.4#

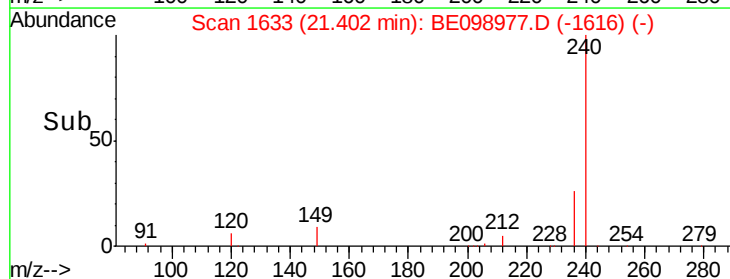
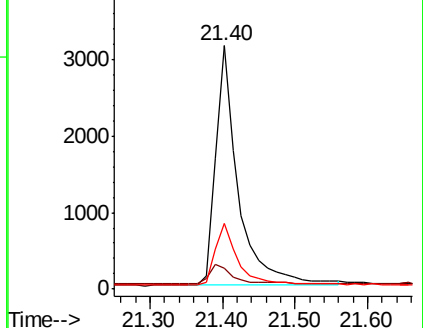
236 27.0 22.7 34.1

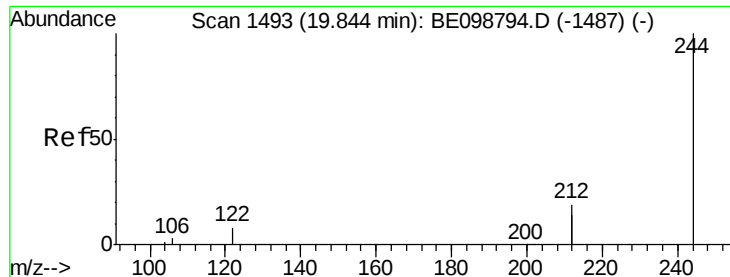


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098977.D

Acq: 15 Mar 2019 18:36

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M3-T0-OZ(PRE)

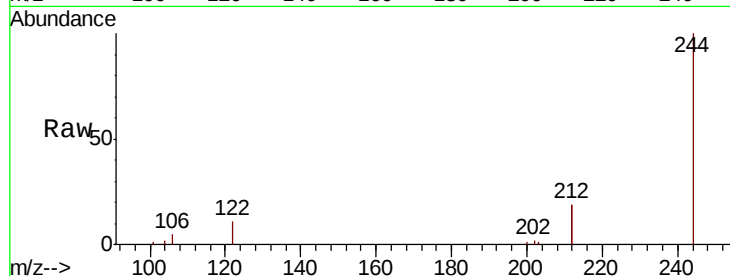
Tgt Ion:244 Resp: 6785

Ion Ratio Lower Upper

244 100

212 37.1 29.4 44.2

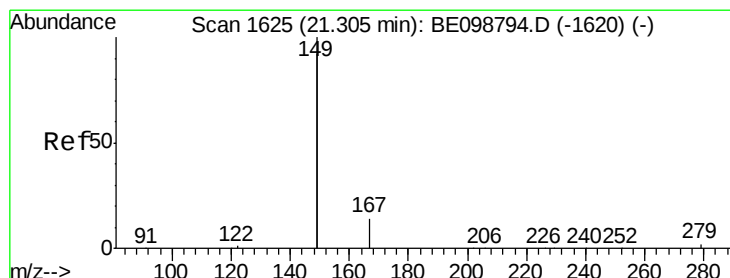
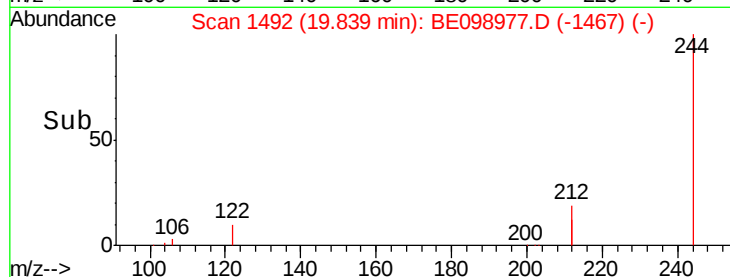
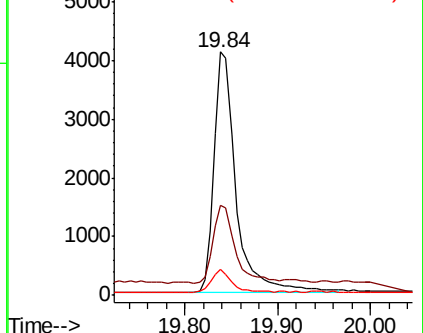
122 10.9 7.1 10.7#



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: 0.431 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098977.D

Acq: 15 Mar 2019 18:36

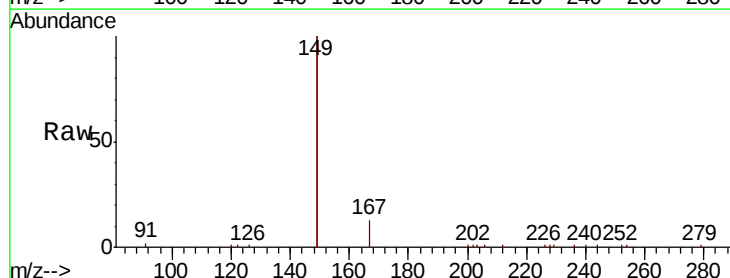
Tgt Ion:149 Resp: 19441

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

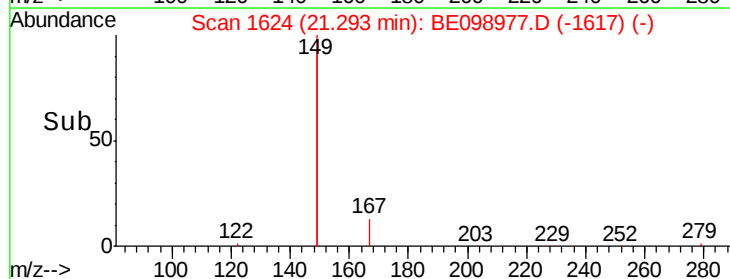
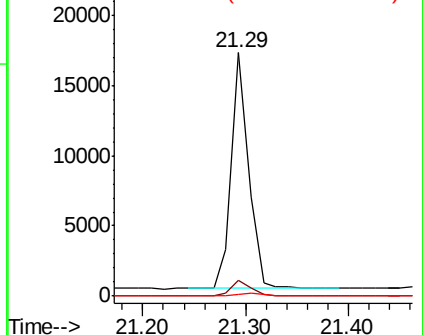
279 1.1 1.0 1.4



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: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098977.D
Acq: 15 Mar 2019 18:36

Instrument :
BNA_E
ClientSampleId :
M3-T0-OZ(PRE)

Tgt Ion:264 Resp: 6149
Ion Ratio Lower Upper
264 100
260 27.6 21.2 31.8
265 30.5 24.6 36.8

