

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099035.D
 Acq On : 19 Mar 2019 14:57
 Operator : JU/SJ
 Sample : K1945-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T0-OZ(PRE)DL

Quant Time: Mar 20 05:11:02 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

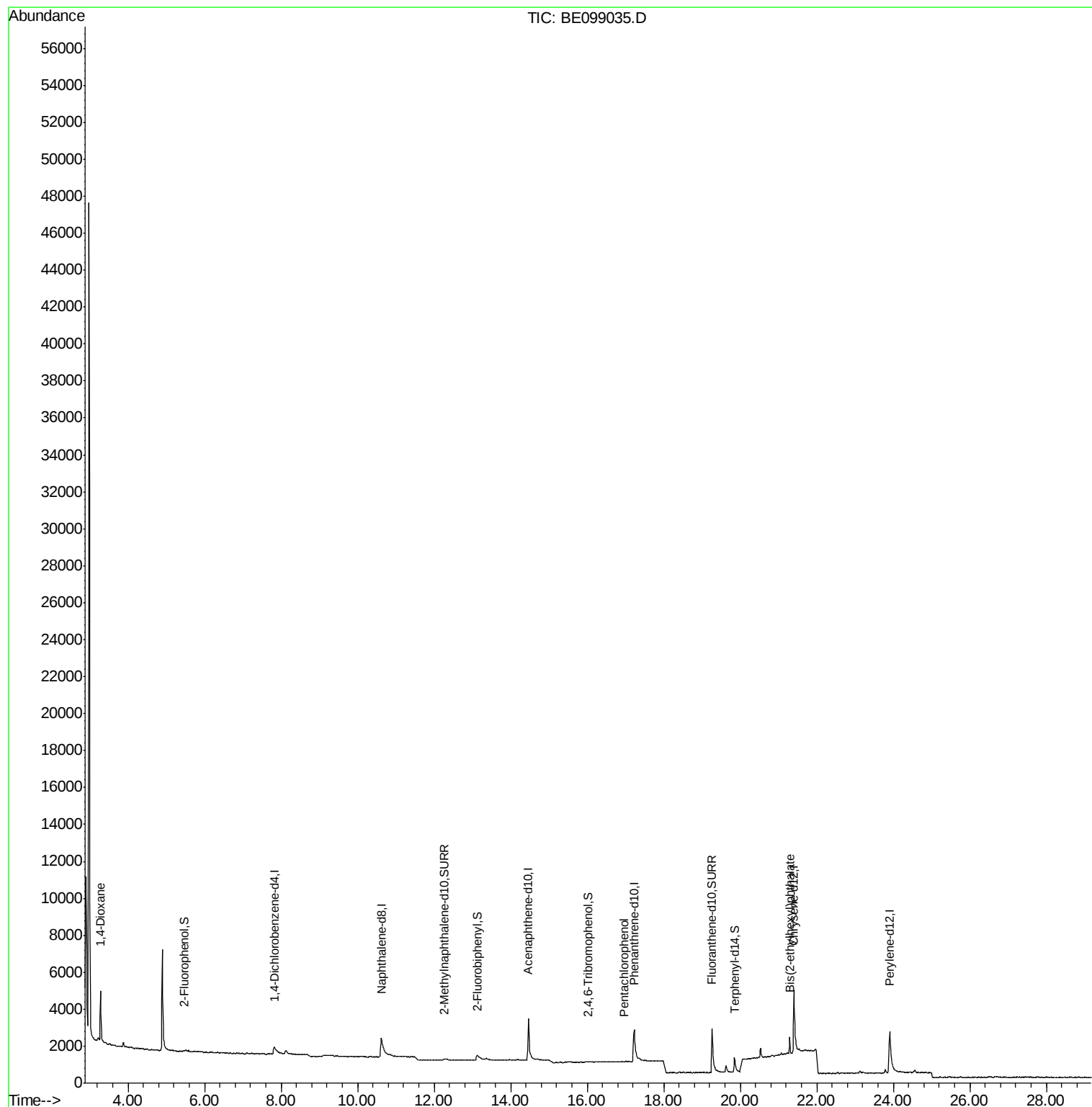
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	540	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	3034	0.40	ng	0.02
13) Acenaphthene-d10	14.46	164	2416	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5854	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6188	0.40	ng	0.00
34) Perylene-d12	23.90	264	5611	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	46	0.03	ng	0.08
5) Phenol-d6	7.02	99	6	0.00	ng	0.04
8) Nitrobenzene-d5	8.99	82	42	0.01	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	435	0.08	ng	0.07
14) 2,4,6-Tribromophenol	16.01	330	63	0.05	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	982	0.10	ng	0.04
25) Fluoranthene-d10	19.26	212	6492	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1342	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1662	1.895	ng	99
22) Pentachlorophenol	16.96	266	10	0.272	ng	92
32) Bis(2-ethylhexyl)phthalate	21.29	149	1015	0.025	ng	# 93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.02 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)DL

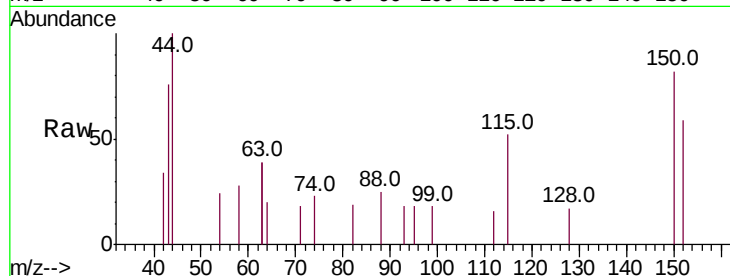
Tot Ion:152 Resp: 540

Ion Ratio Lower Upper

152 100

150 138.5 122.5 183.7

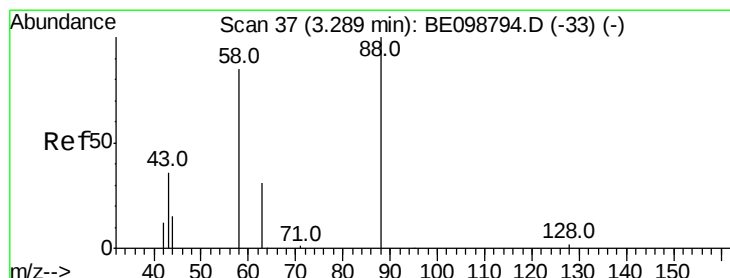
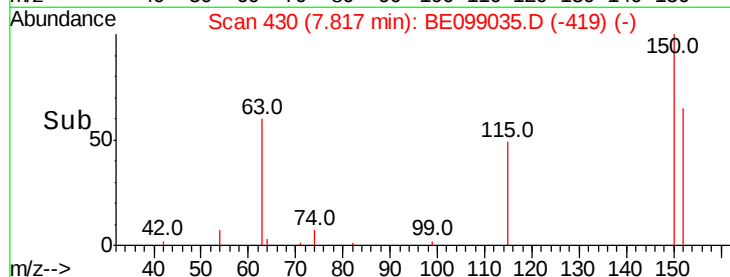
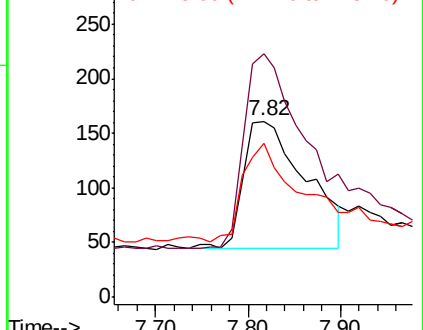
115 87.6 57.4 86.2#



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: 1.895 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

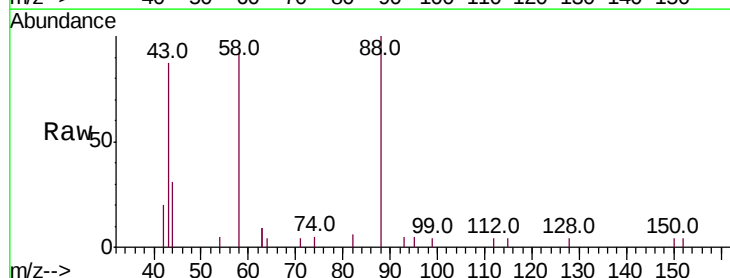
Tgt Ion: 88 Resp: 1662

Ion Ratio Lower Upper

88 100

58 95.5 75.8 113.6

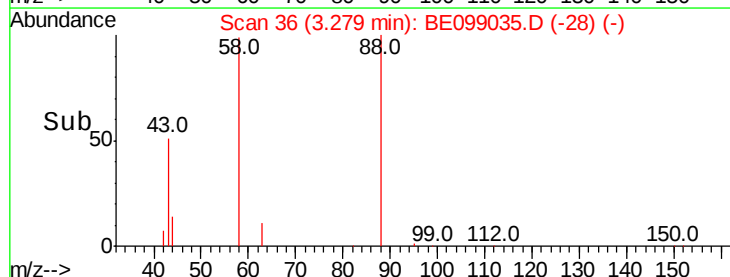
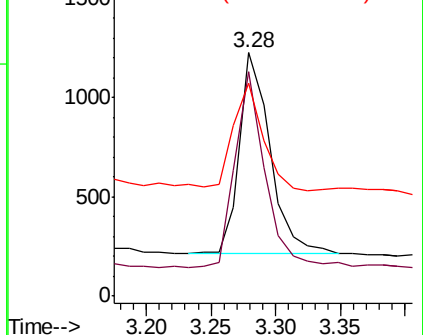
43 52.2 41.8 62.8



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: 0.028 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.08 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)DL

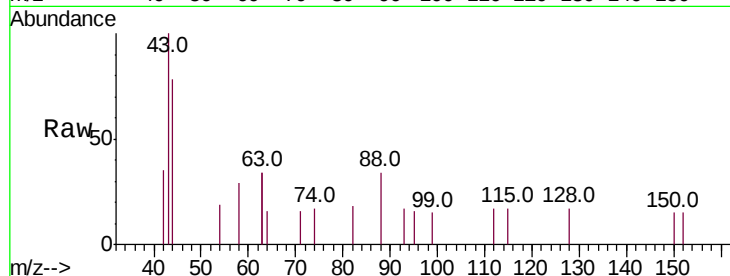
Tot Ion:112 Resp: 46

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

63 0.0 158.3 237.5#



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

300

250

200

150

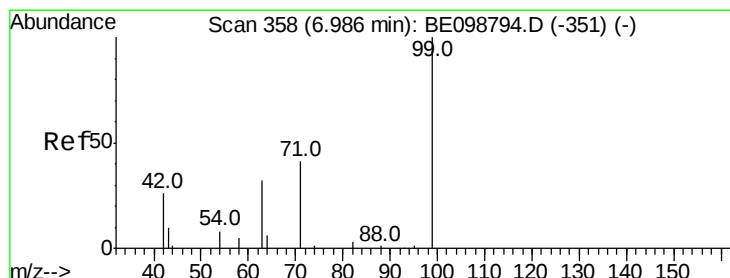
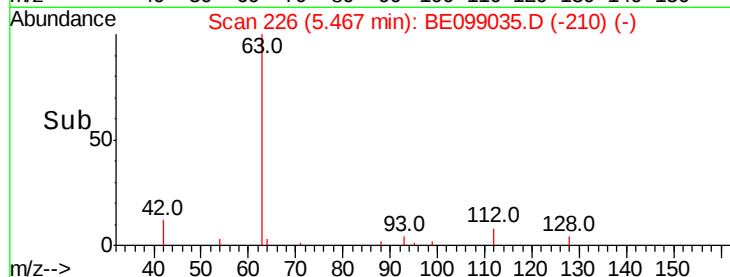
100

50

0

5.30 5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.003 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

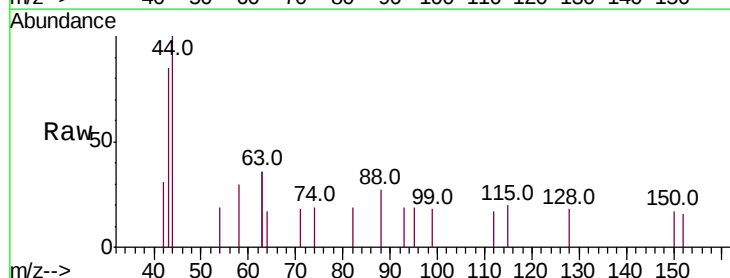
Tgt Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 166.7 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

120

100

80

60

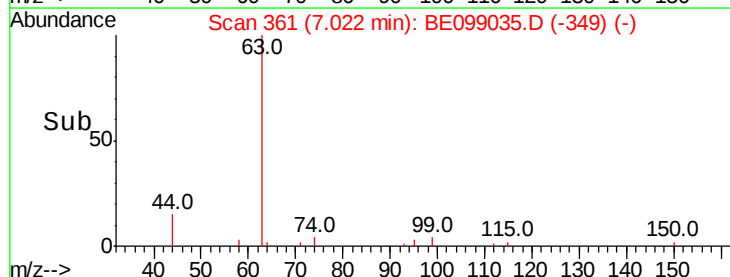
40

20

0

7.00 7.05

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)DL

Tot Ion:136 Resp: 3034

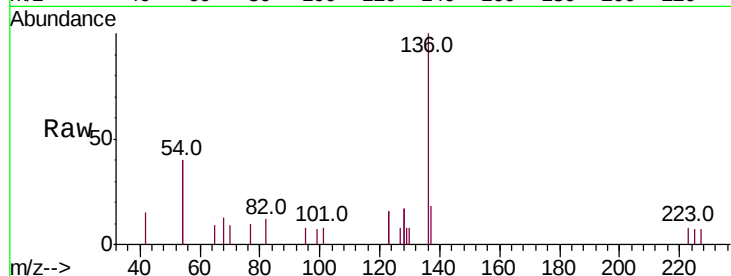
Ion Ratio Lower Upper

136 100

137 18.5 11.4 17.0#

54 80.2 39.3 58.9#

68 13.2 6.7 10.1#

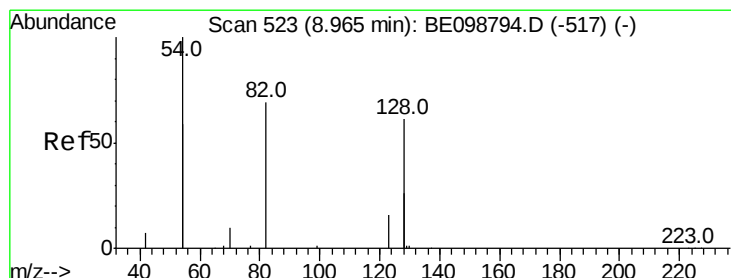
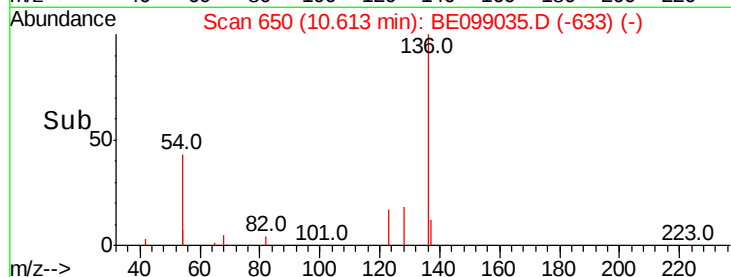
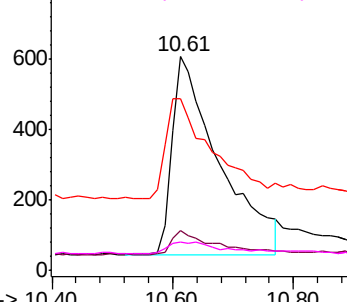


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.013 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

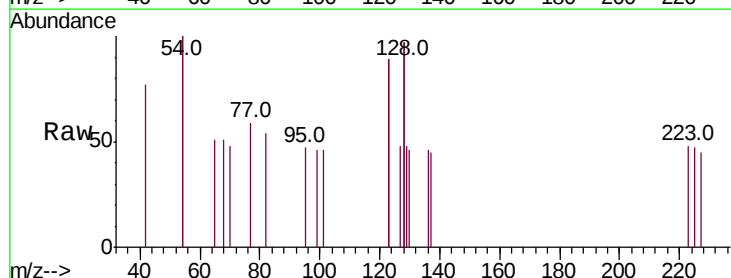
Tgt Ion: 82 Resp: 42

Ion Ratio Lower Upper

82 100

128 356.4 123.8 185.8#

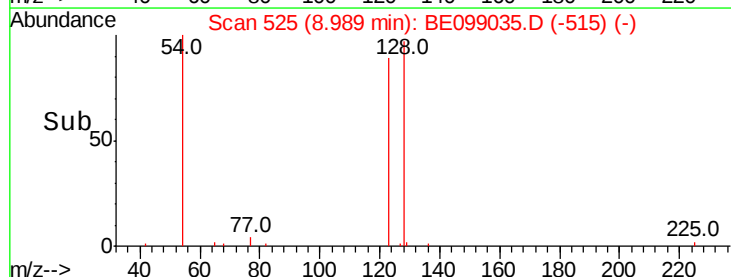
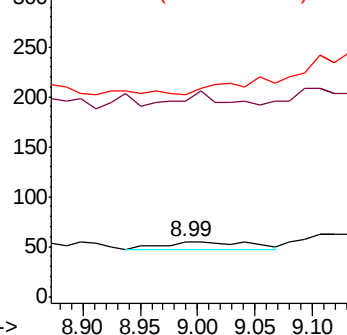
54 367.3 203.4 305.2#

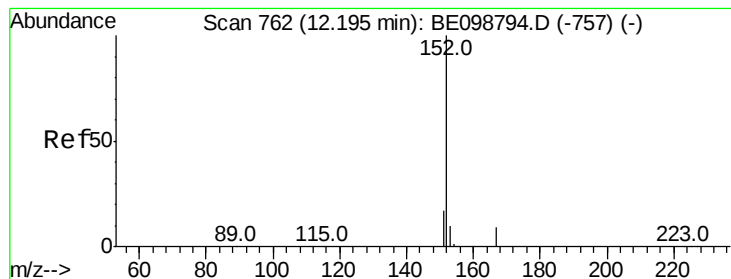


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.078 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.07 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

BNA_E

ClientSampleId :

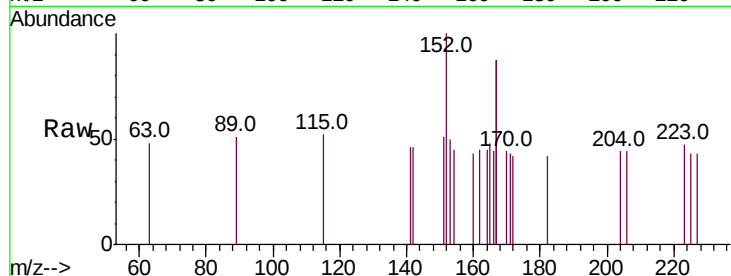
M4-T0-OZ(PRE)DL

Tot Ion:152 Resp: 435

Ion Ratio Lower Upper

152 100

151 4.4 16.5 24.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

100

80

60

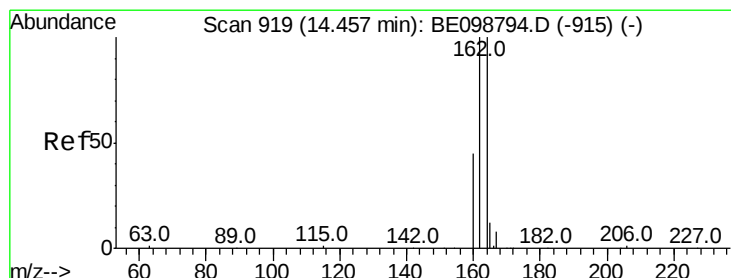
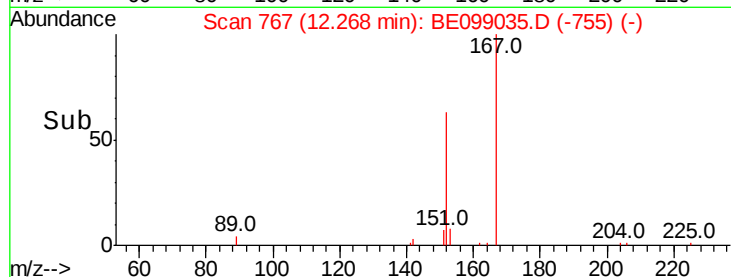
40

20

0

Time-->

12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

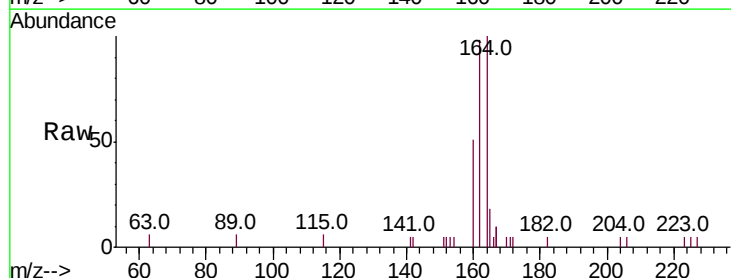
Tgt Ion:164 Resp: 2416

Ion Ratio Lower Upper

164 100

162 98.1 80.2 120.2

160 50.9 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

14.46

1200

1000

800

600

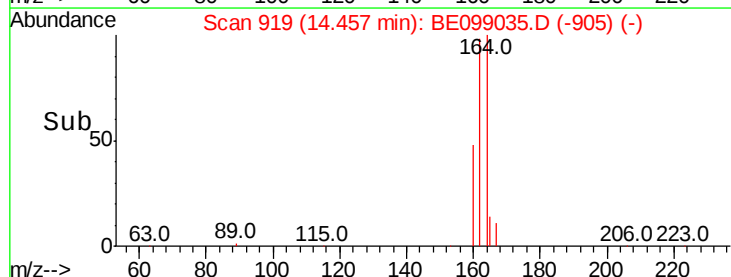
400

200

0

Time-->

14.30 14.40 14.50 14.60





#14

2,4,6-Tribromophenol

Concen: 0.052 ng

RT: 16.01 min Scan# 1029

Delta R.T. 0.04 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)DL

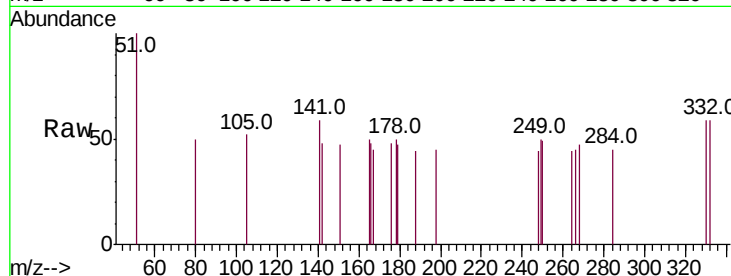
Tot Ion:330 Resp: 63

Ion Ratio Lower Upper

330 100

332 103.2 77.6 116.4

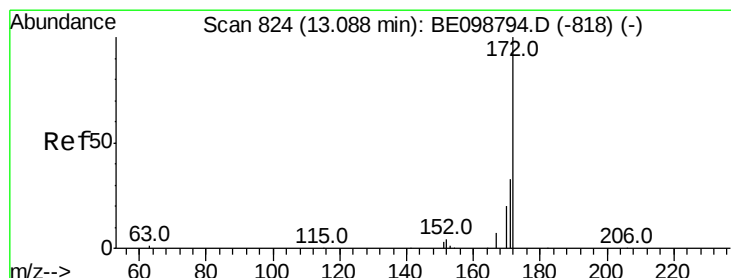
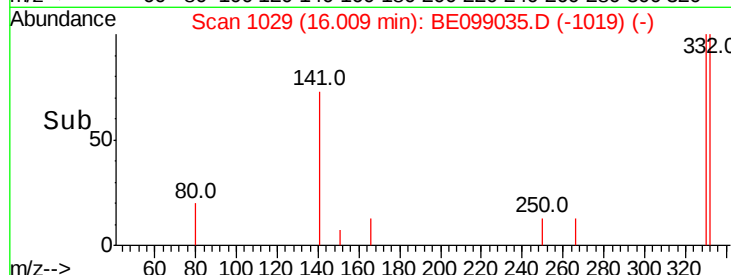
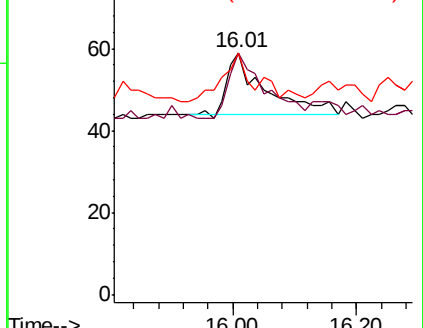
141 52.4 31.0 46.4#



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: 0.098 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.04 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

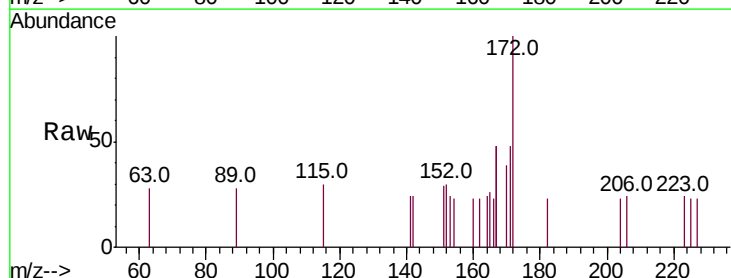
Tgt Ion:172 Resp: 982

Ion Ratio Lower Upper

172 100

171 48.4 28.0 42.0#

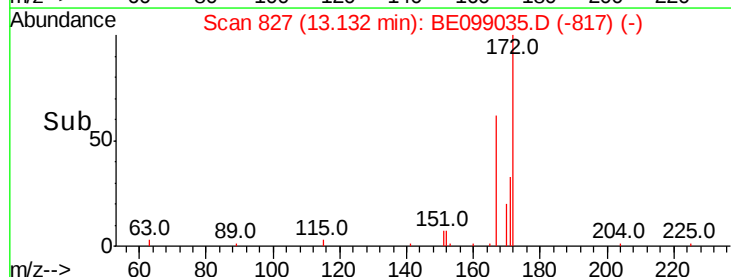
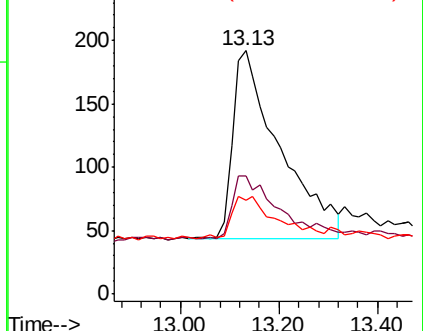
170 38.5 17.7 26.5#

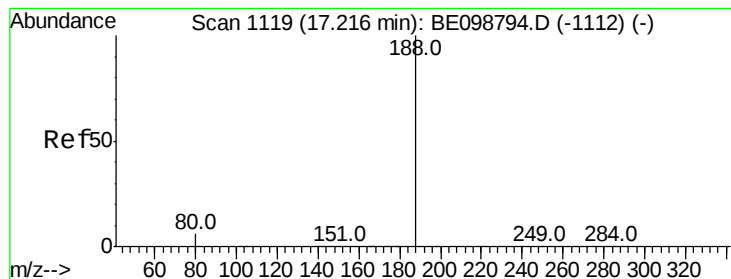


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

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ClientSampleId :

M4-T0-OZ(PRE)DL

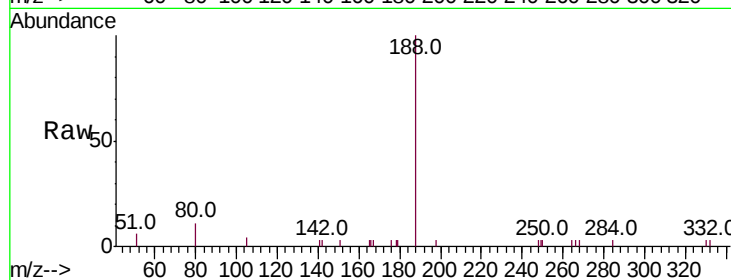
Tot Ion:188 Resp: 5854

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

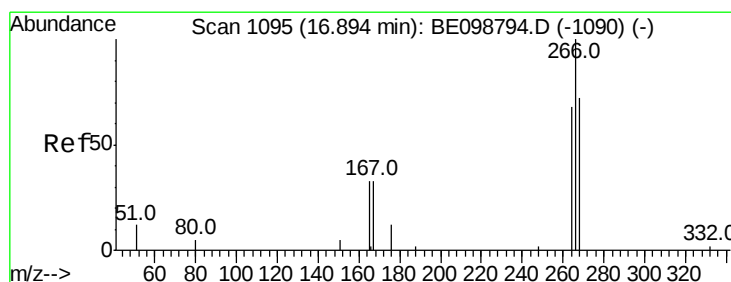
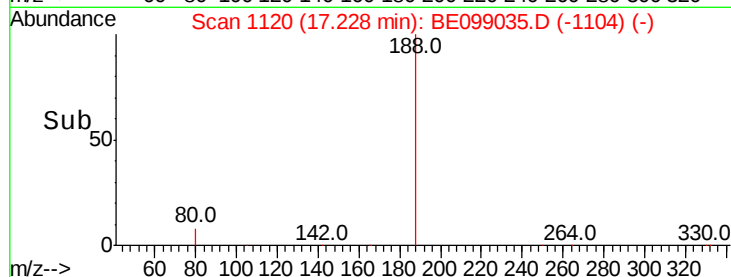
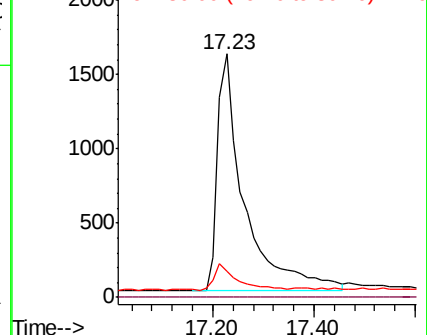
80 10.9 6.3 9.5#



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: 0.272 ng

RT: 16.96 min Scan# 1100

Delta R.T. 0.07 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

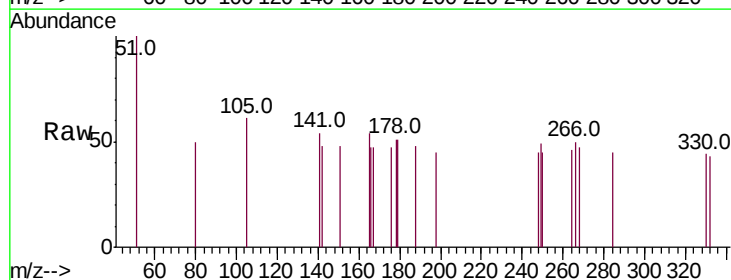
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 92.0 66.6 100.0

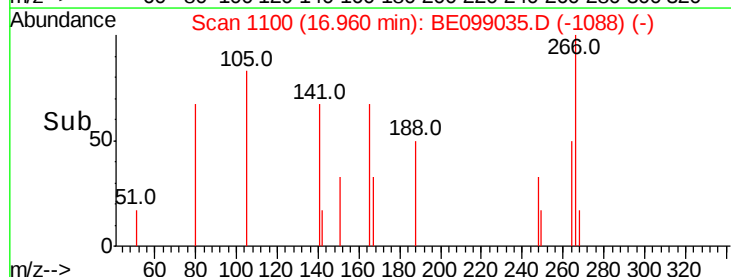
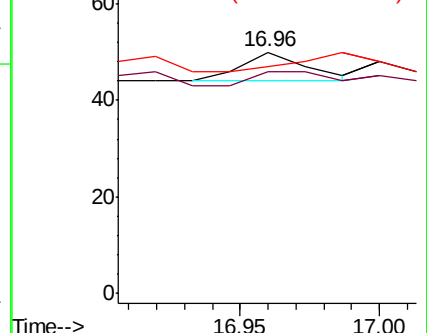
268 94.0 69.8 104.8

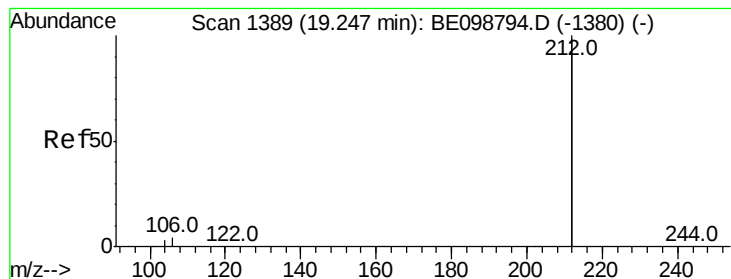


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.069 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

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M4-T0-OZ(PRE)DL

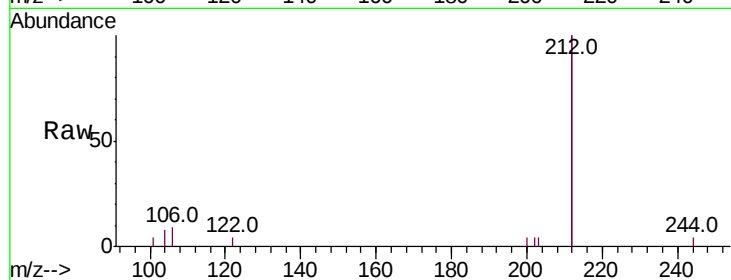
Tot Ion:212 Resp: 6492

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

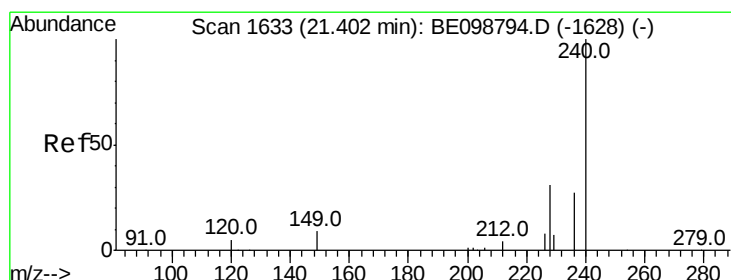
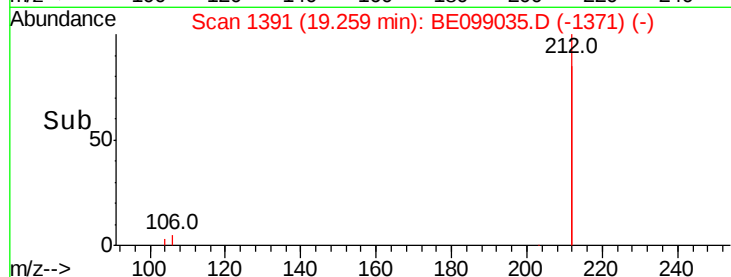
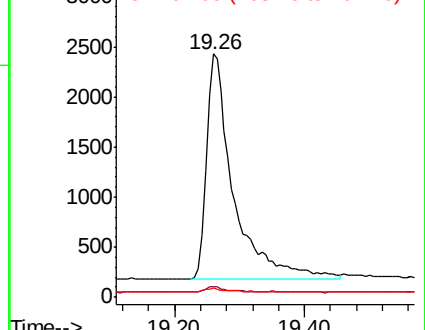
104 1.4 1.0 1.6



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: BE099035.D

Acq: 19 Mar 2019 14:57

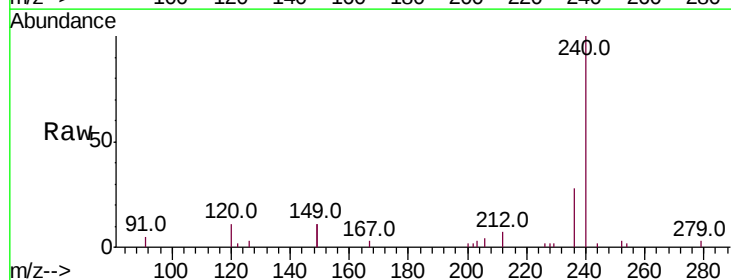
Tgt Ion:240 Resp: 6188

Ion Ratio Lower Upper

240 100

120 10.7 5.0 7.4#

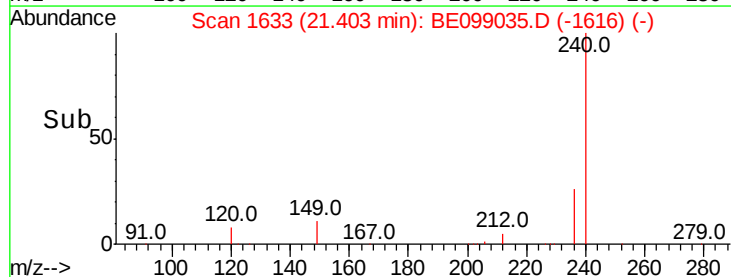
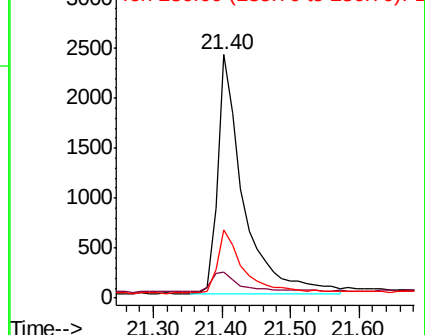
236 28.1 22.7 34.1

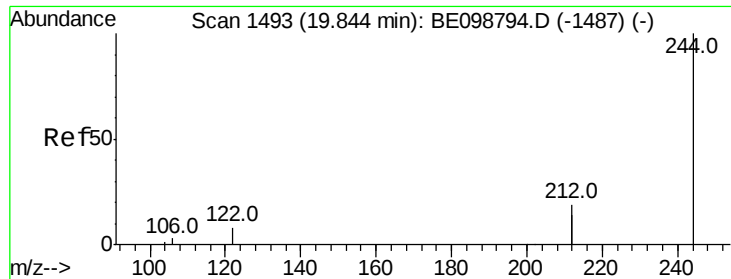


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.089 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)DL

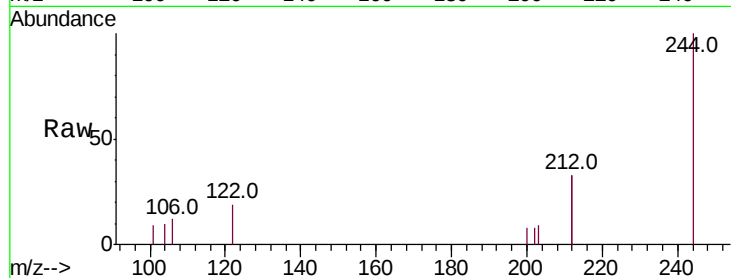
Tot Ion:244 Resp: 1342

Ion Ratio Lower Upper

244 100

212 65.6 29.4 44.2#

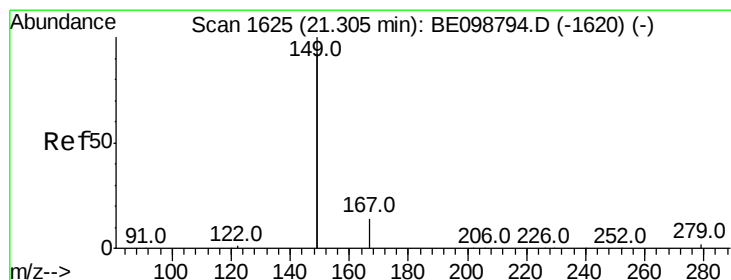
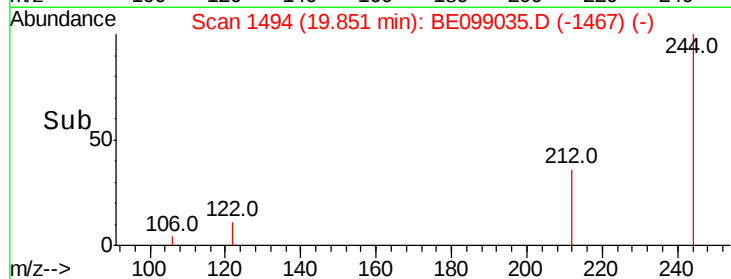
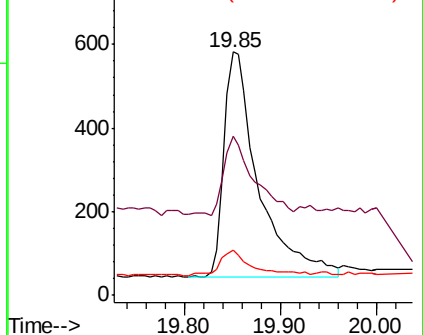
122 18.9 7.1 10.7#



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: 0.025 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

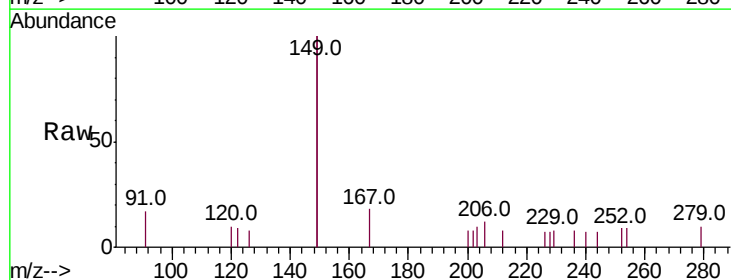
Tgt Ion:149 Resp: 1015

Ion Ratio Lower Upper

149 100

167 9.5 5.4 8.0#

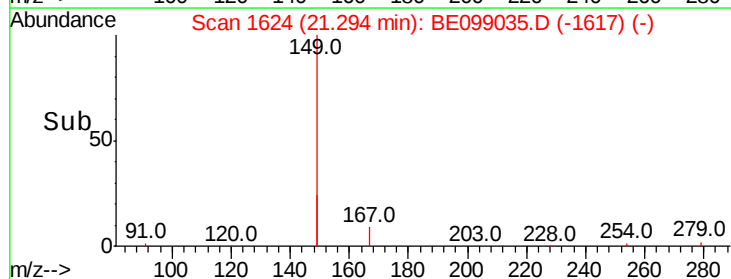
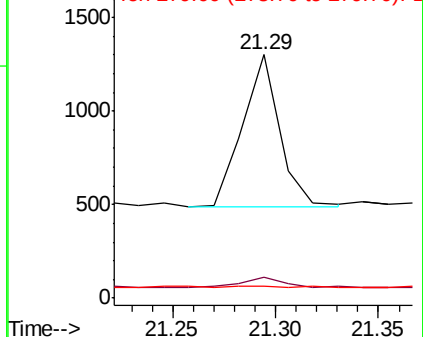
279 2.5 1.0 1.4#

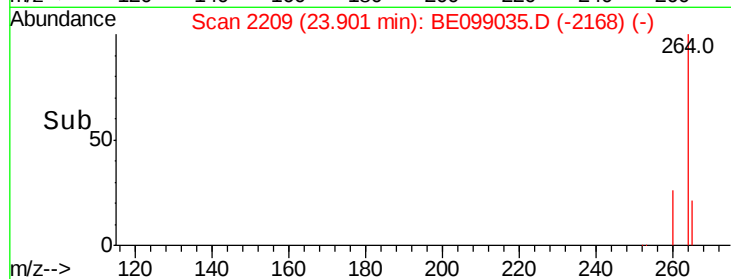
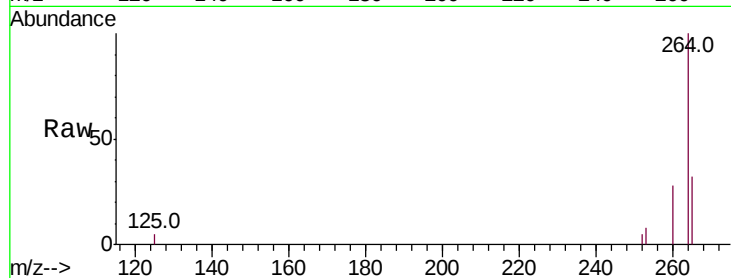


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE099035.D

Acq: 19 Mar 2019 14:57

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)DL

Tot Ion:264 Resp: 5611

Ion Ratio Lower Upper

264 100

260 27.8 21.2 31.8

265 31.7 24.6 36.8

