

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099020.D
 Acq On : 19 Mar 2019 3:35
 Operator : JU/SJ
 Sample : K1945-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 19 08:57:48 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

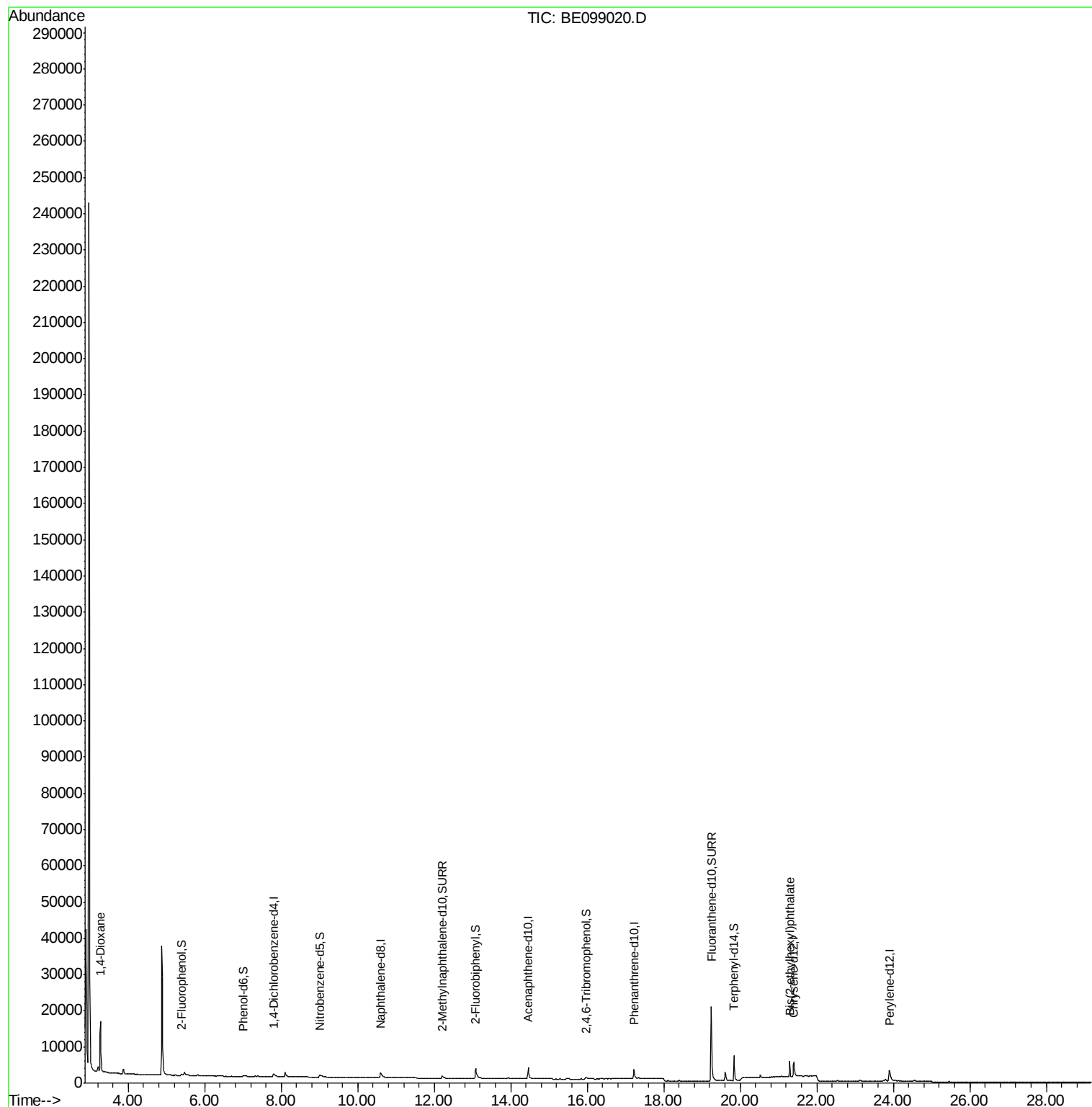
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	735	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3197	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2382	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5535	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6846	0.40	ng	0.00
34) Perylene-d12	23.90	264	6367	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	376	0.17	ng	0.01
5) Phenol-d6	7.01	99	372	0.12	ng	0.02
8) Nitrobenzene-d5	9.02	82	1196	0.36	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2374	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	435	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5322	0.54	ng	0.00
25) Fluoranthene-d10	19.24	212	36164	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	7779	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	8331	7.258	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	5057	0.111	ng	98

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

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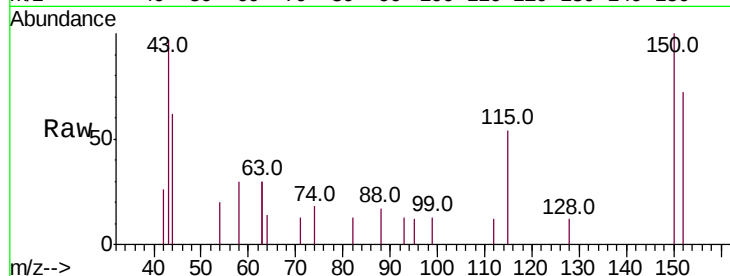


#1

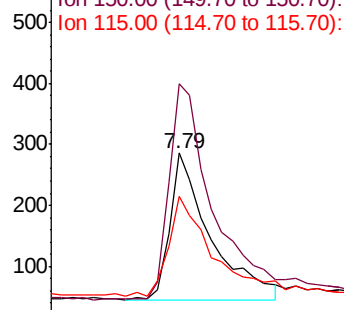
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099020.D
Acq: 19 Mar 2019 3:35

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

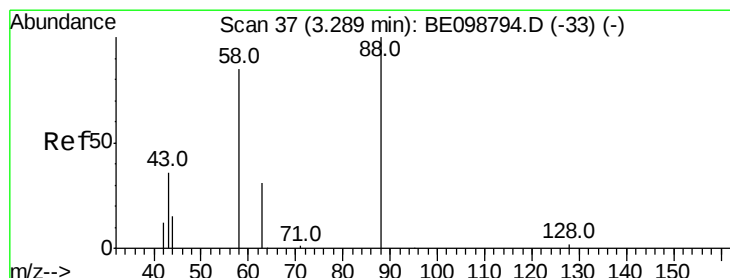
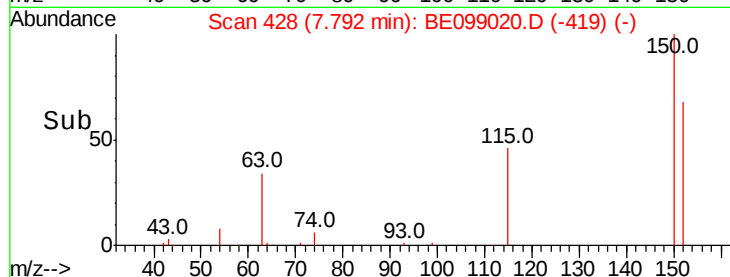
Tot Ion:152 Resp: 735
Ion Ratio Lower Upper
152 100
150 139.5 122.5 183.7
115 74.8 57.4 86.2



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



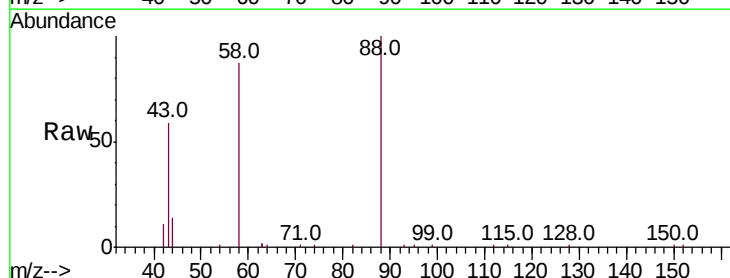
Time-->



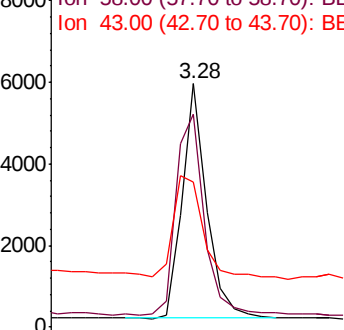
#2

1,4-Dioxane
Concen: 7.258 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099020.D
Acq: 19 Mar 2019 3:35

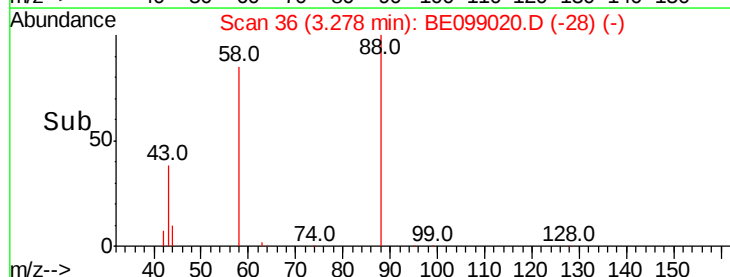
Tgt Ion: 88 Resp: 8331
Ion Ratio Lower Upper
88 100
58 98.7 75.8 113.6
43 51.2 41.8 62.8



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



Time-->





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

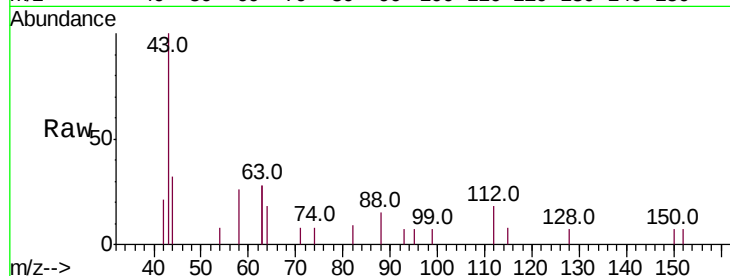
Tot Ion:112 Resp: 376

Ion Ratio Lower Upper

112 100

64 92.3 57.9 86.9#

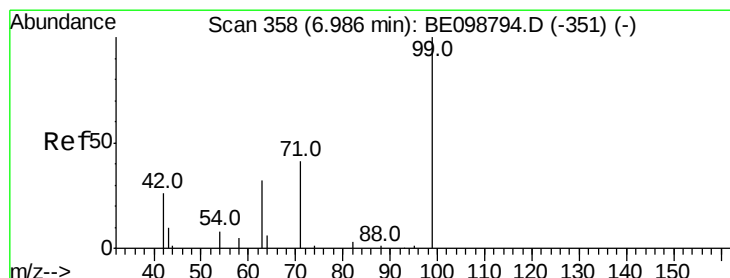
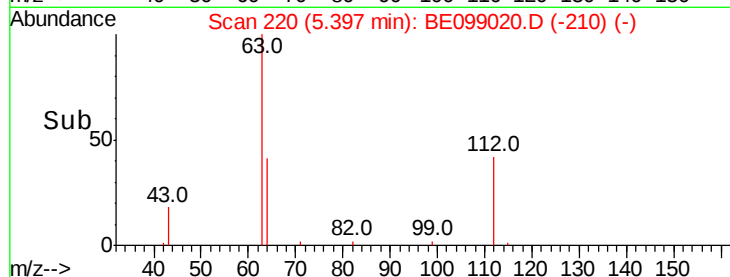
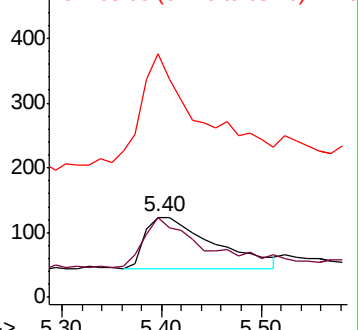
63 192.3 158.3 237.5



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: 0.120 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

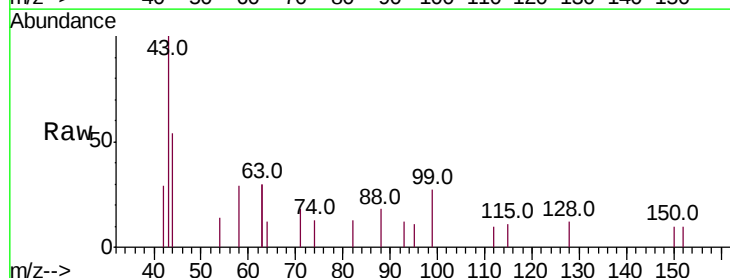
Tgt Ion: 99 Resp: 372

Ion Ratio Lower Upper

99 100

42 25.0 24.2 36.2

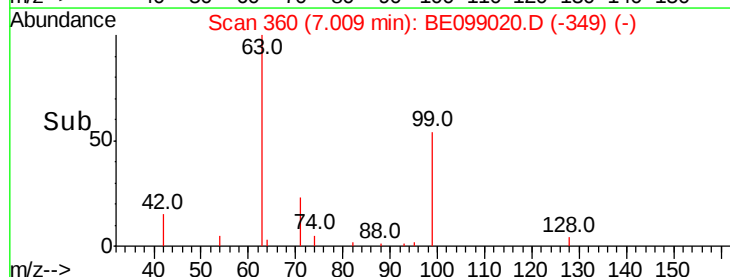
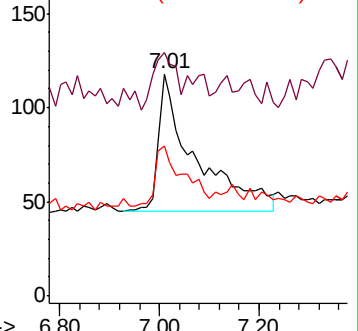
71 33.3 35.7 53.5#



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: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

Tot Ion:136 Resp: 3197

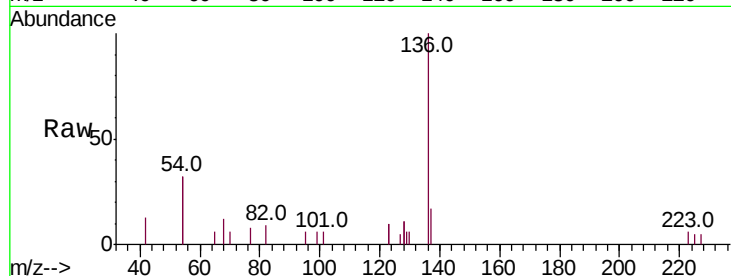
Ion Ratio Lower Upper

136 100

137 16.7 11.4 17.0

54 64.9 39.3 58.9#

68 12.0 6.7 10.1#

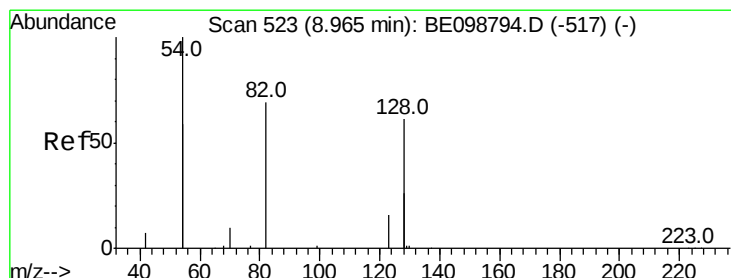
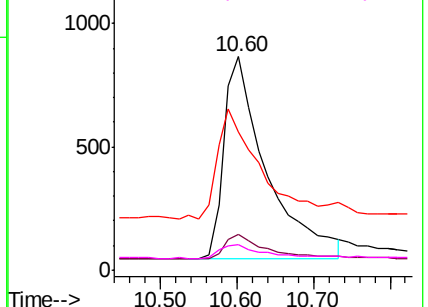
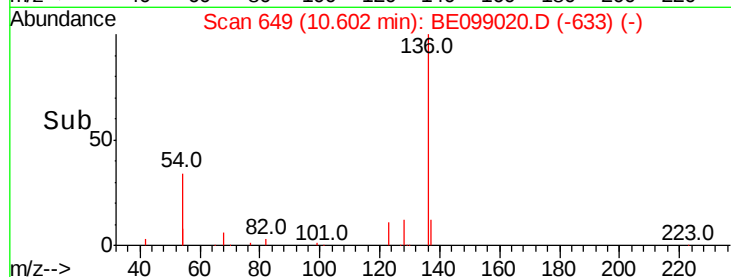


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.357 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

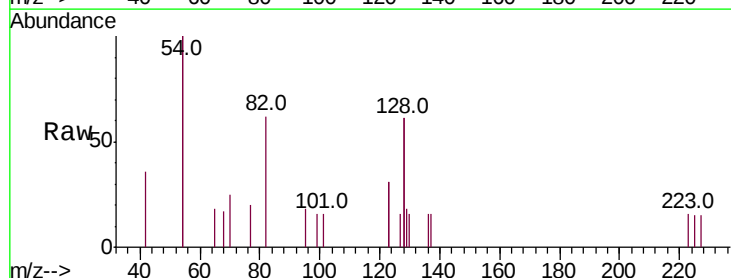
Tgt Ion: 82 Resp: 1196

Ion Ratio Lower Upper

82 100

128 196.7 123.8 185.8#

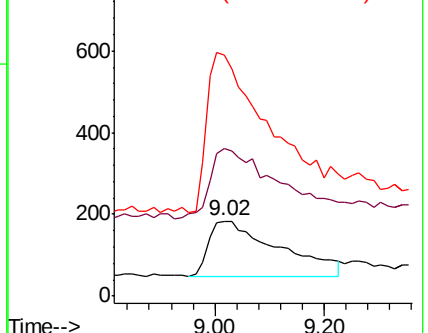
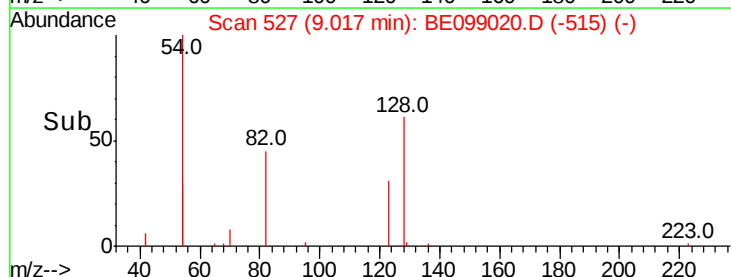
54 320.7 203.4 305.2#

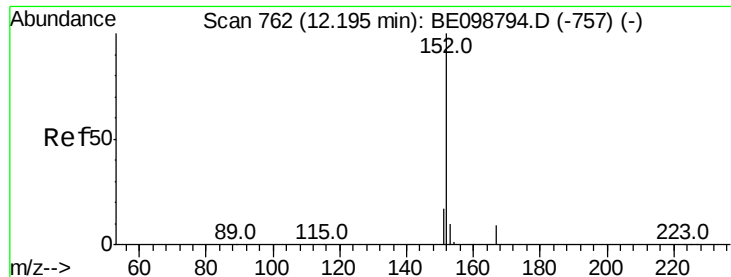


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

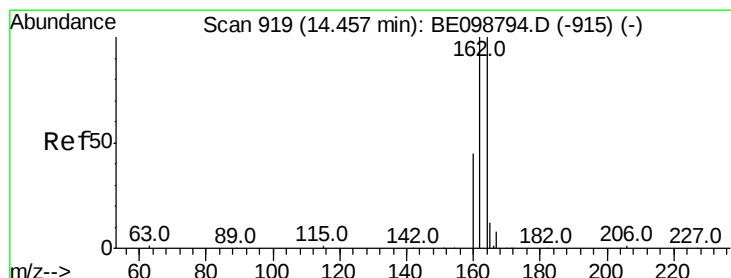
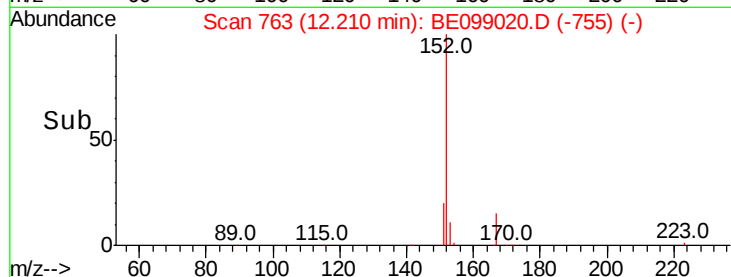
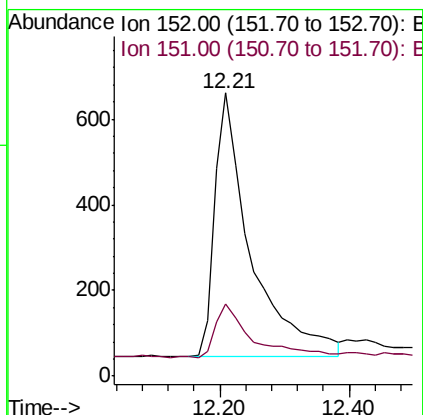
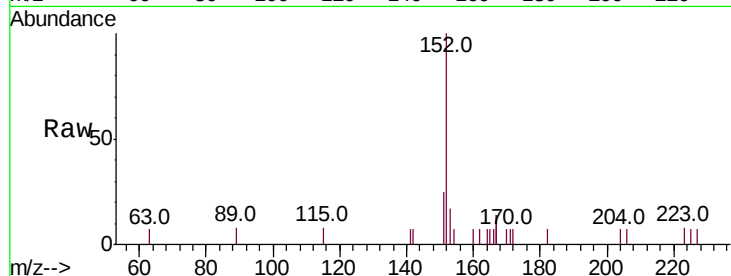




#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099020.D
Acq: 19 Mar 2019 3:35

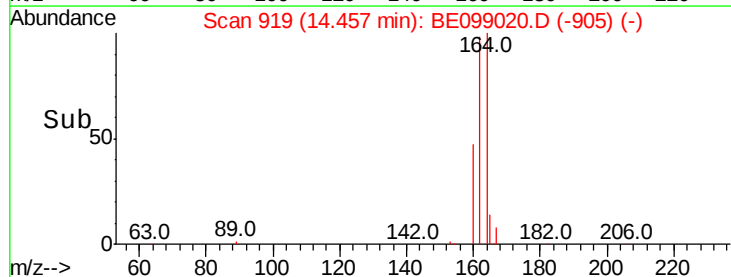
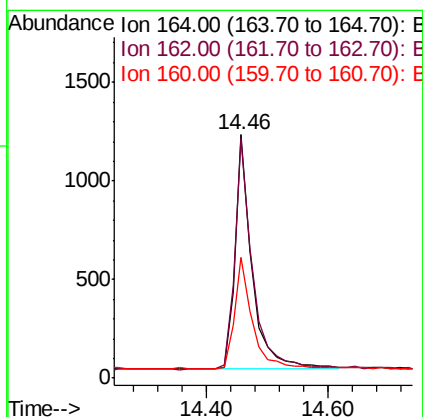
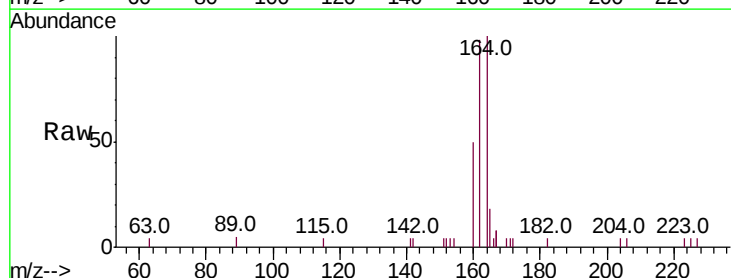
Instrument :
BNA_E
ClientSampleId :
M4-T0-OZ(PRE)

Tot Ion:152 Resp: 2374
Ion Ratio Lower Upper
152 100
151 20.0 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: BE099020.D
Acq: 19 Mar 2019 3:35

Tgt Ion:164 Resp: 2382
Ion Ratio Lower Upper
164 100
162 98.5 80.2 120.2
160 49.6 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.362 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

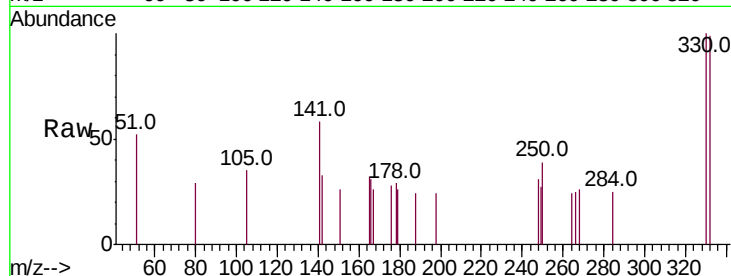
Tot Ion:330 Resp: 435

Ion Ratio Lower Upper

330 100

332 100.0 77.6 116.4

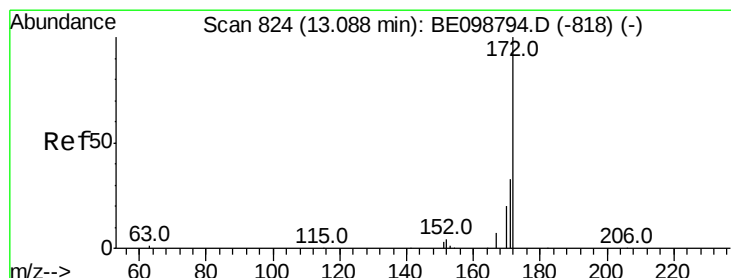
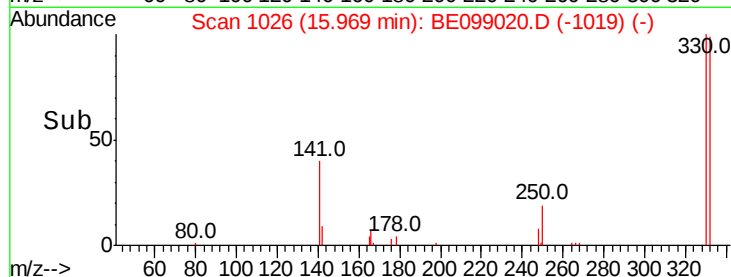
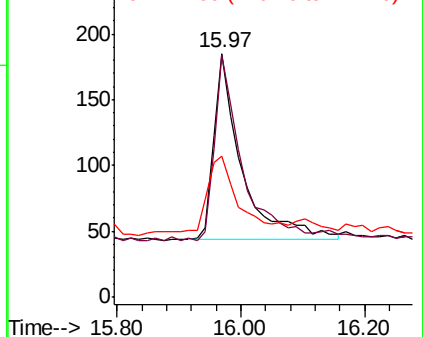
141 41.6 31.0 46.4



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: 0.540 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

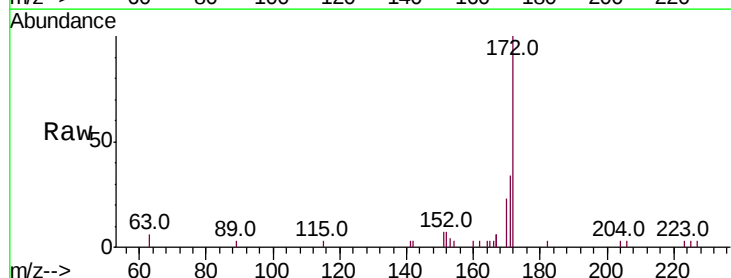
Tgt Ion:172 Resp: 5322

Ion Ratio Lower Upper

172 100

171 33.9 28.0 42.0

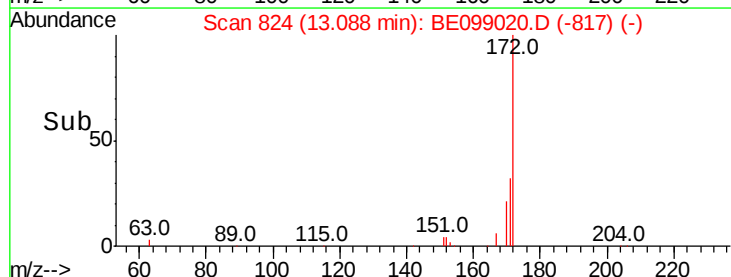
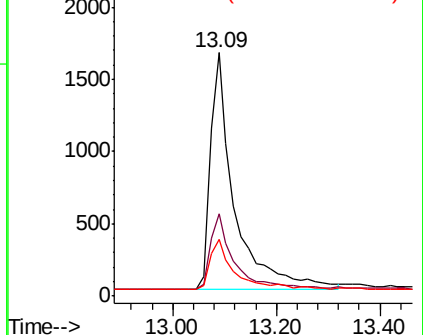
170 23.0 17.7 26.5

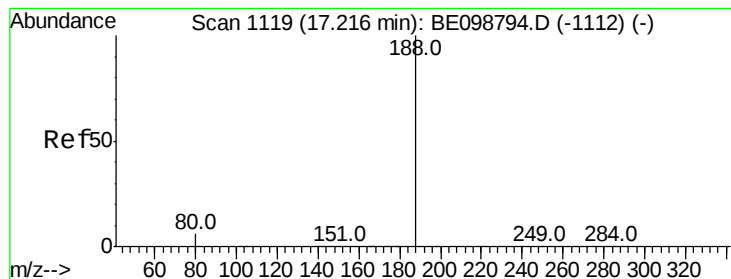


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

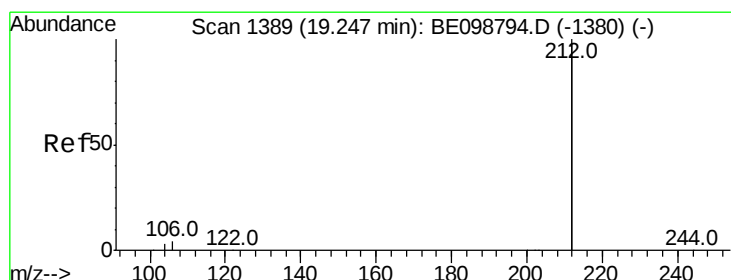
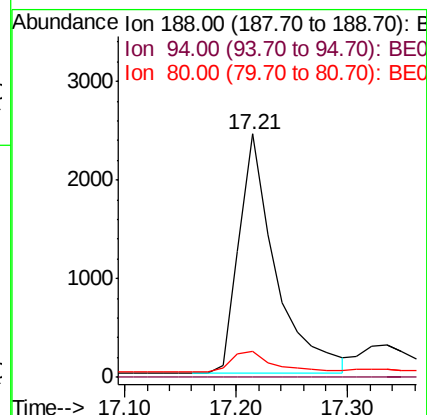
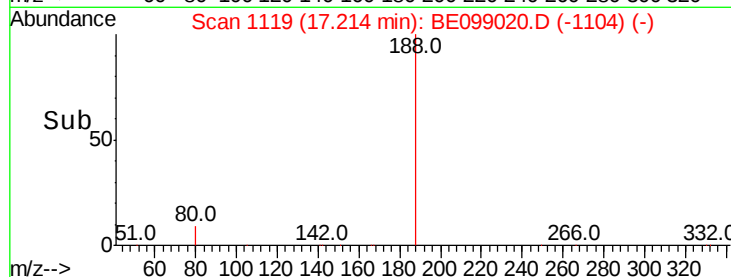
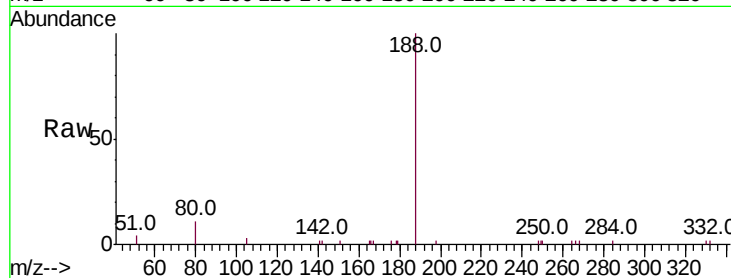
Tot Ion:188 Resp: 5535

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 6.3 9.5#



#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

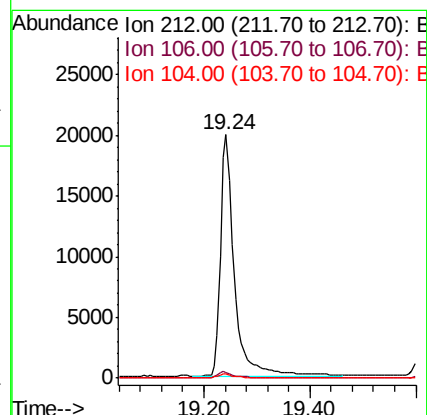
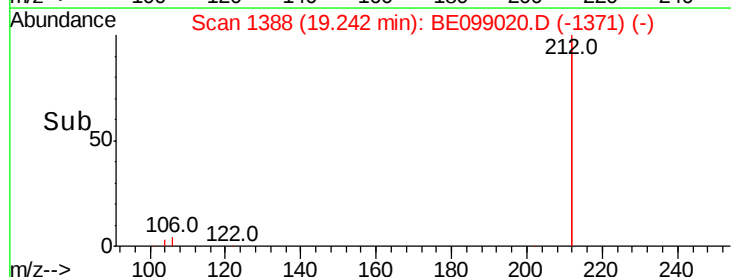
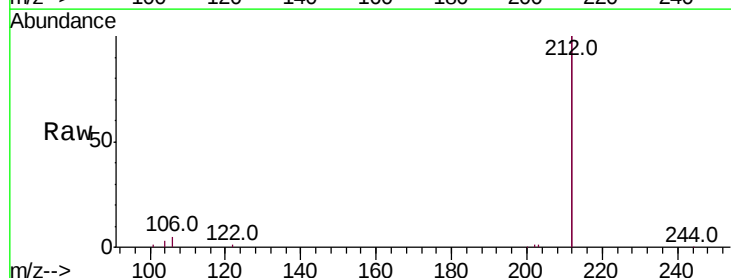
Tgt Ion:212 Resp: 36164

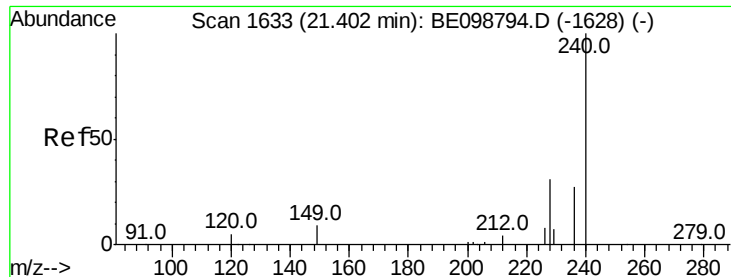
Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

104 1.4 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

Instrument :

BNA_E

ClientSampleId :

M4-T0-OZ(PRE)

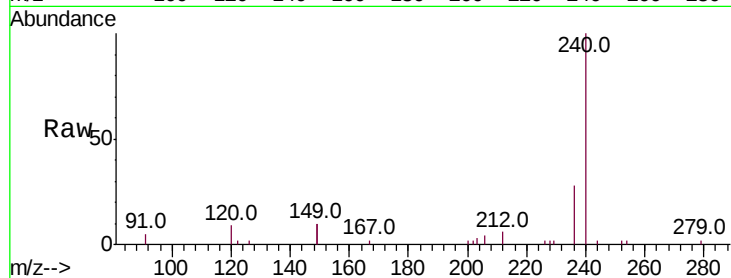
Tot Ion:240 Resp: 6846

Ion Ratio Lower Upper

240 100

120 8.7 5.0 7.4#

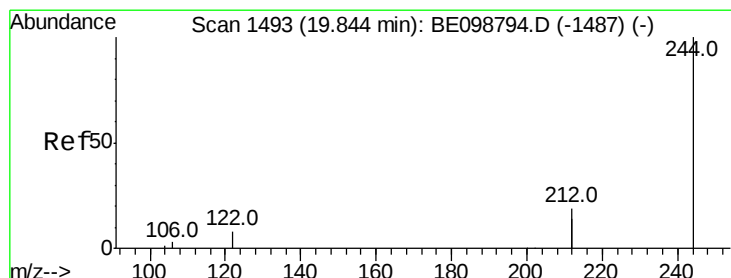
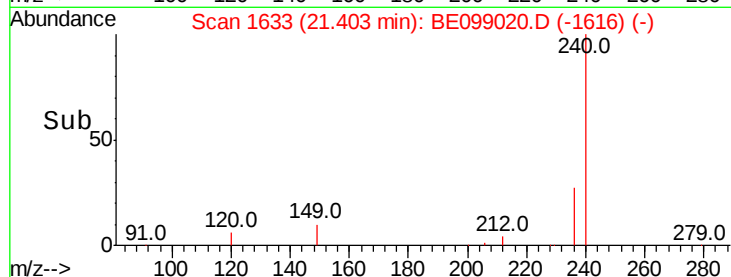
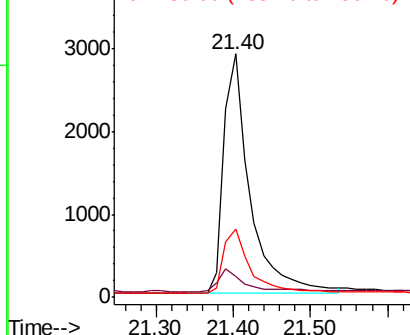
236 28.3 22.7 34.1



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: 0.468 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099020.D

Acq: 19 Mar 2019 3:35

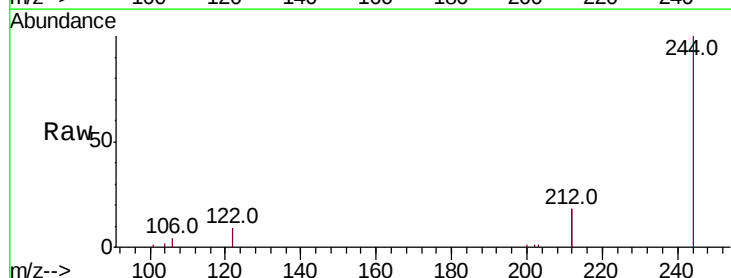
Tgt Ion:244 Resp: 7779

Ion Ratio Lower Upper

244 100

212 36.6 29.4 44.2

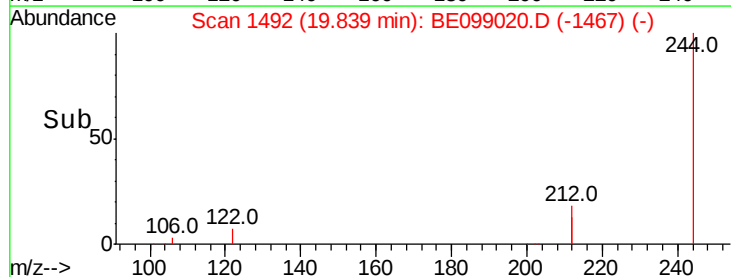
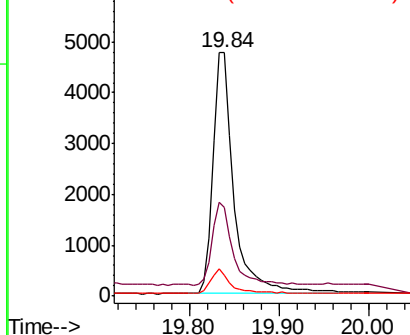
122 8.6 7.1 10.7

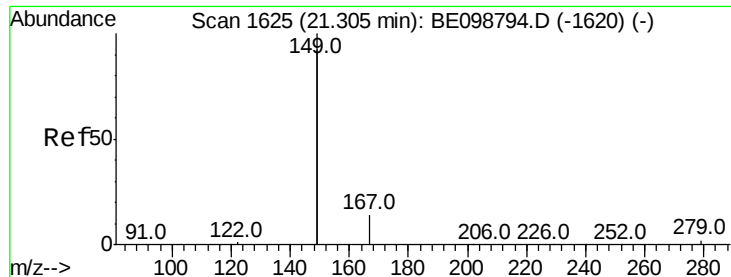


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

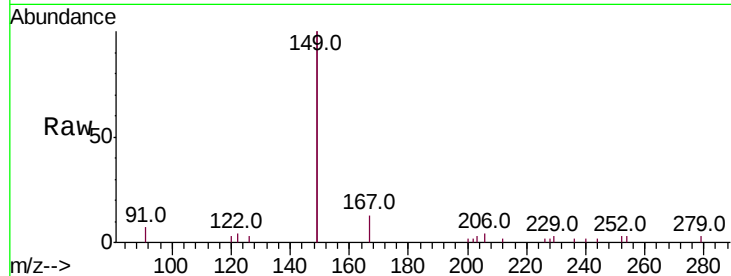




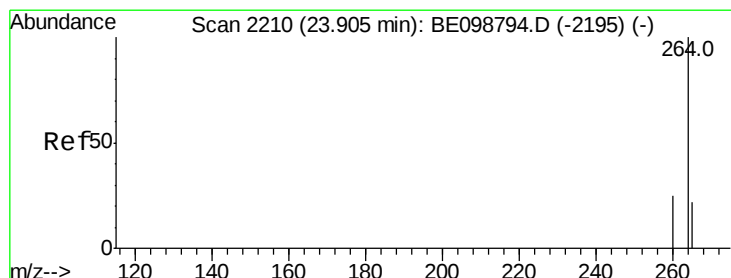
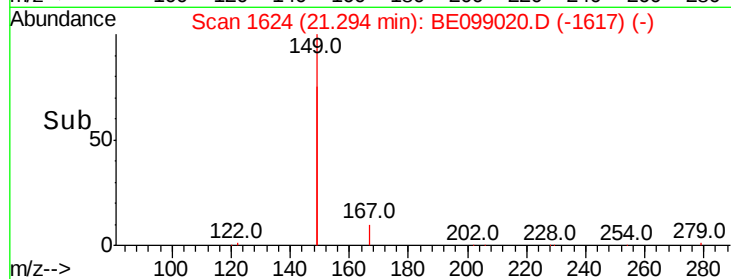
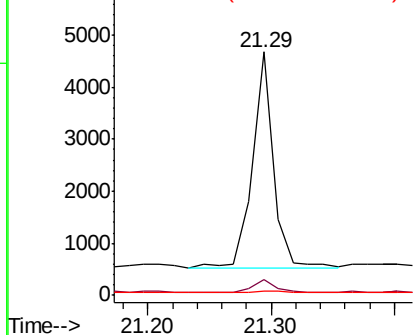
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.111 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099020.D
 Acq: 19 Mar 2019 3:35

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

Tot Ion:149 Resp: 5057
 Ion Ratio Lower Upper
 149 100
 167 5.8 5.4 8.0
 279 1.3 1.0 1.4

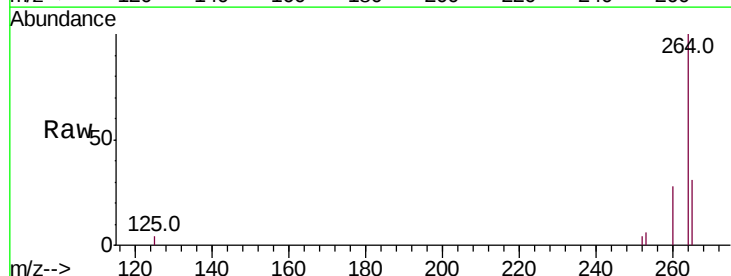


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE099020.D
 Acq: 19 Mar 2019 3:35

Tgt Ion:264 Resp: 6367
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.2 31.8
 265 31.0 24.6 36.8



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

