

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099036.D
 Acq On : 19 Mar 2019 15:33
 Operator : JU/SJ
 Sample : K1945-09DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)DL

Quant Time: Mar 20 05:11:12 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

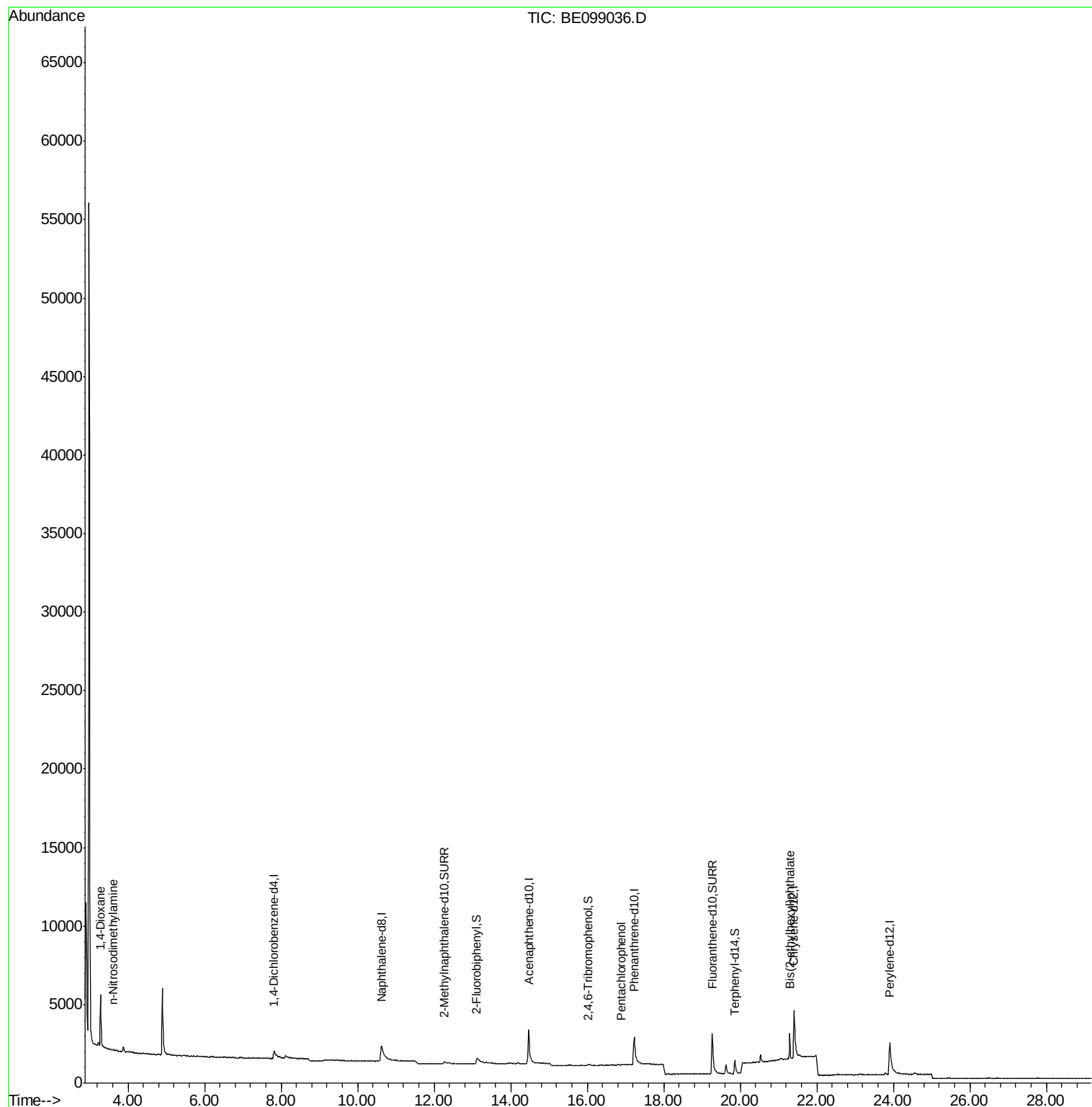
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	581	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	3131	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	2573	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6279	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6374	0.40	ng	0.00
34) Perylene-d12	23.91	264	5584	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	17	0.01	ng	0.07
5) Phenol-d6	6.99	99	2	0.00	ng	0.00
8) Nitrobenzene-d5	8.99	82	11	0.00	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	535	0.09	ng	0.07
14) 2,4,6-Tribromophenol	16.01	330	72	0.06	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	1363	0.13	ng	0.03
25) Fluoranthene-d10	19.26	212	7549	0.08	ng	0.02
29) Terphenyl-d14	19.86	244	1635	0.11	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	1931	2.054	ng	93
3) n-Nitrosodimethylamine	3.61	42	77	0.053	ng	# 14
22) Pentachlorophenol	16.88	266	13	0.274	ng	91
32) Bis(2-ethylhexyl)phthalate	21.29	149	1945	0.046	ng	# 99

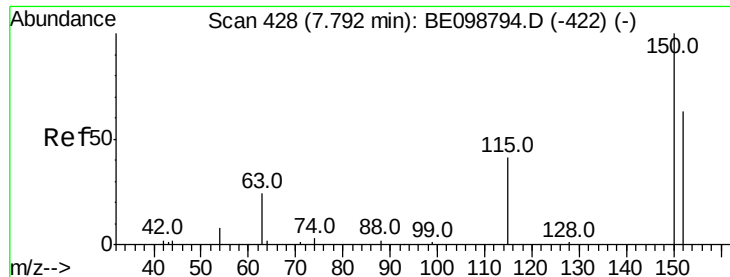
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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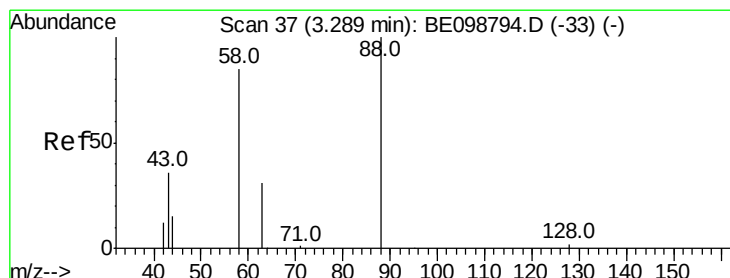
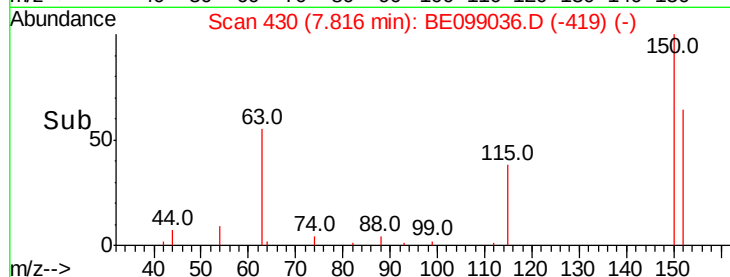
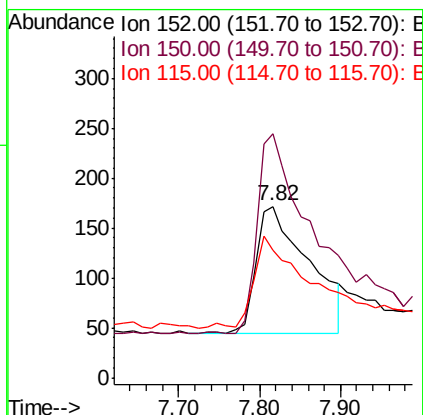
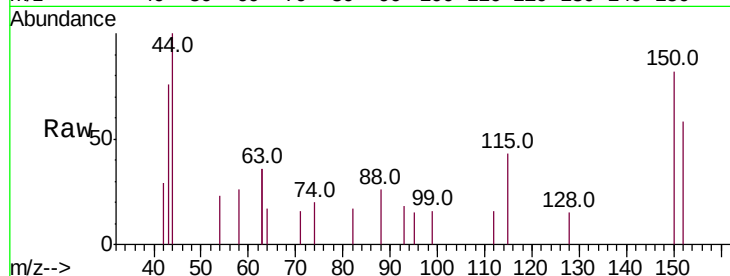


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE099036.D
Acq: 19 Mar 2019 15:33

Instrument :
BNA_E
ClientSampleId :
M4-T1-UV(PRE)DL

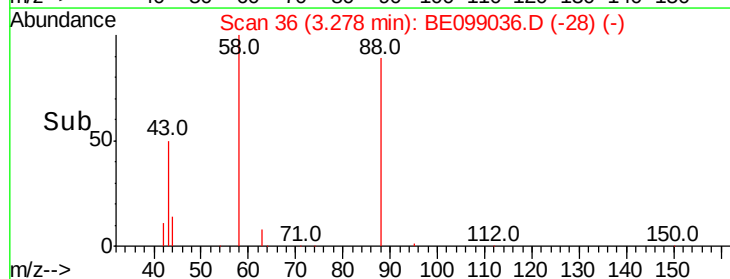
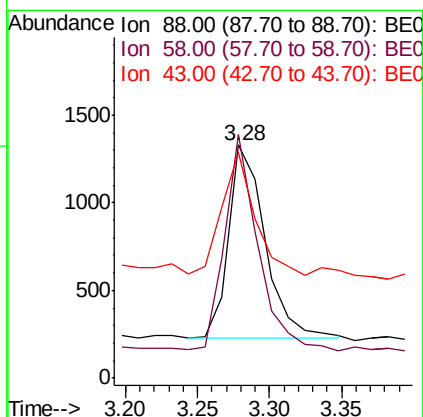
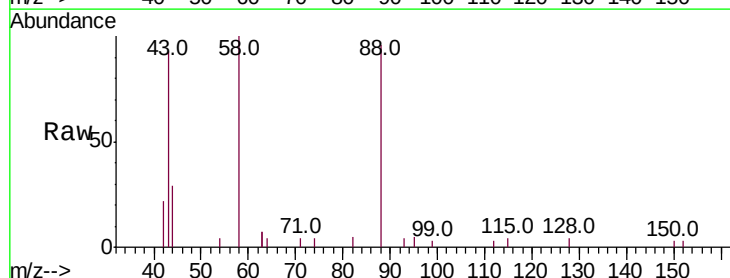
Tot Ion:152 Resp: 581
Ion Ratio Lower Upper
152 100
150 141.9 122.5 183.7
115 74.4 57.4 86.2

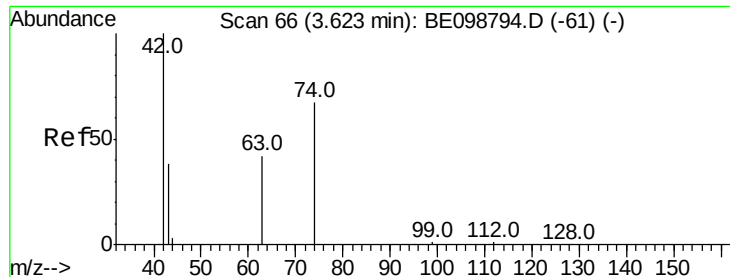


#2

1,4-Dioxane
Concen: 2.054 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099036.D
Acq: 19 Mar 2019 15:33

Tgt Ion: 88 Resp: 1931
Ion Ratio Lower Upper
88 100
58 101.6 75.8 113.6
43 57.2 41.8 62.8





#3

n-Nitrosodimethylamine

Concen: 0.053 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

ClientSampleId :

M4-T1-UV(PRE)DL

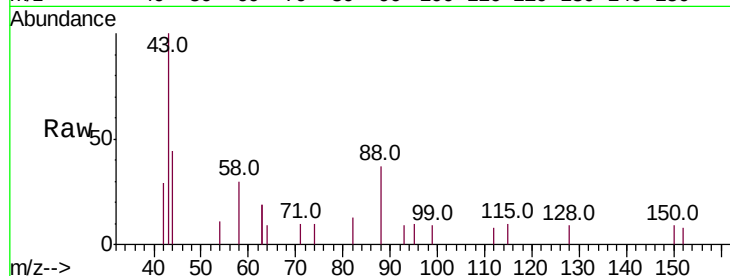
Tot Ion: 42 Resp: 77

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

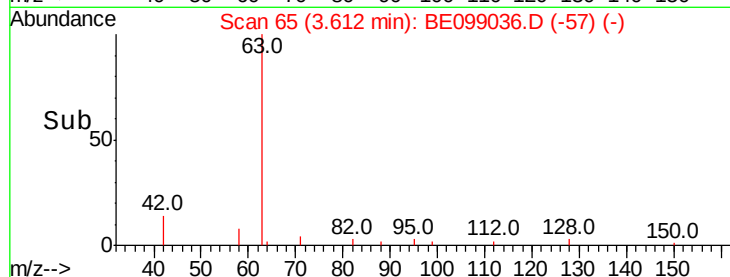
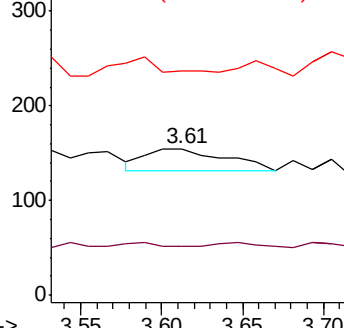
44 0.0 0.0 0.0



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: 0.010 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.07 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

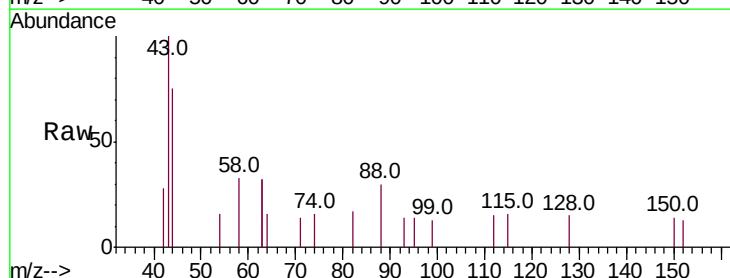
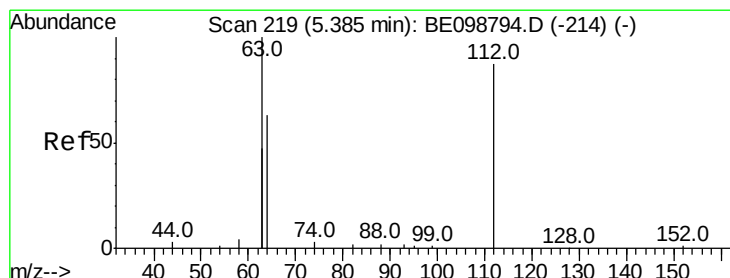
Tgt Ion: 112 Resp: 17

Ion Ratio Lower Upper

112 100

64 176.5 57.9 86.9#

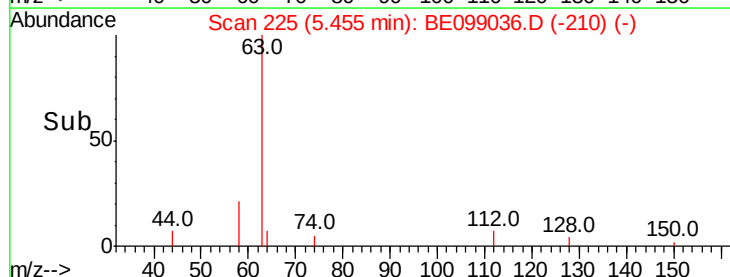
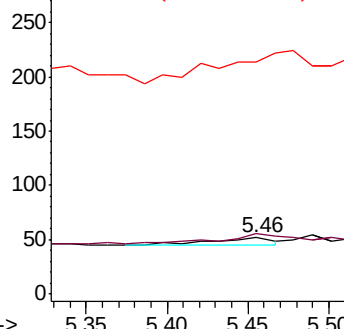
63 0.0 158.3 237.5#

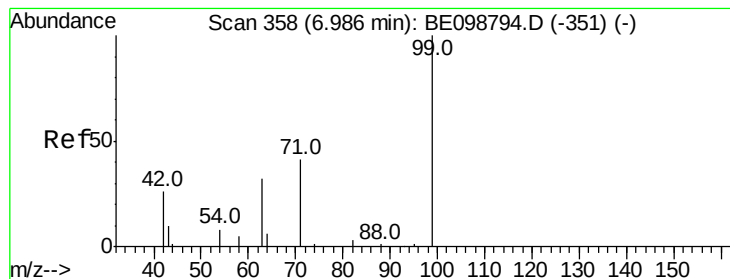


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

ClientSampleId :

M4-T1-UV(PRE)DL

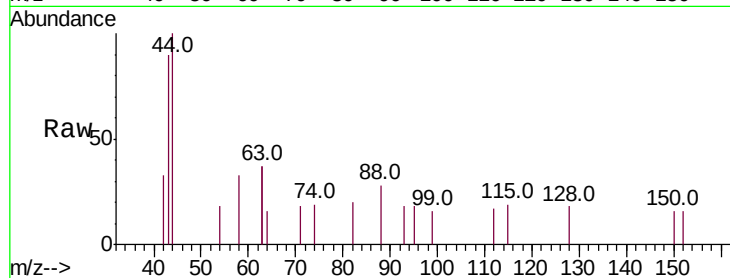
Tot Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 300.0 24.2 36.2#

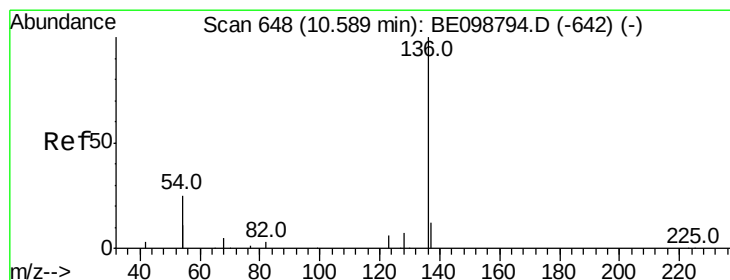
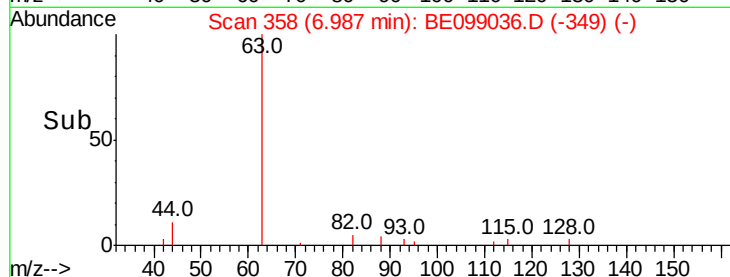
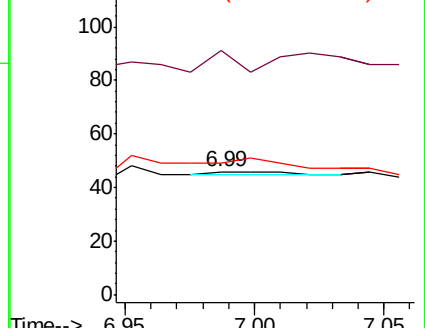
71 550.0 35.7 53.5#



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: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Tgt Ion: 136 Resp: 3131

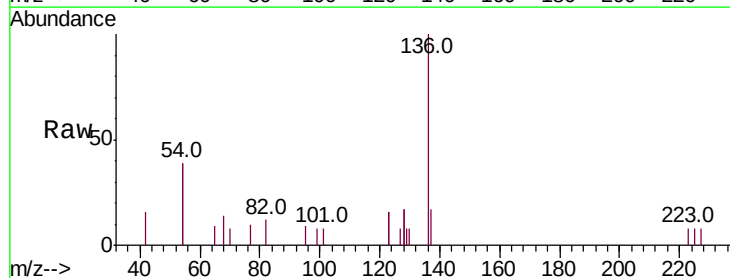
Ion Ratio Lower Upper

136 100

137 17.4 11.4 17.0#

54 79.0 39.3 58.9#

68 13.7 6.7 10.1#

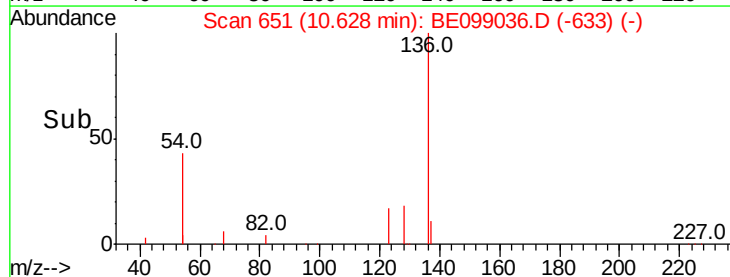
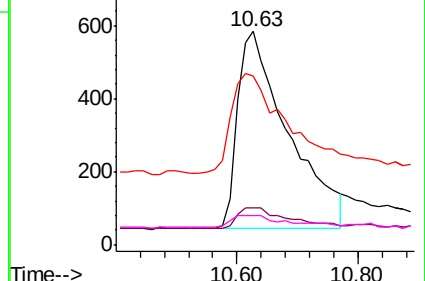


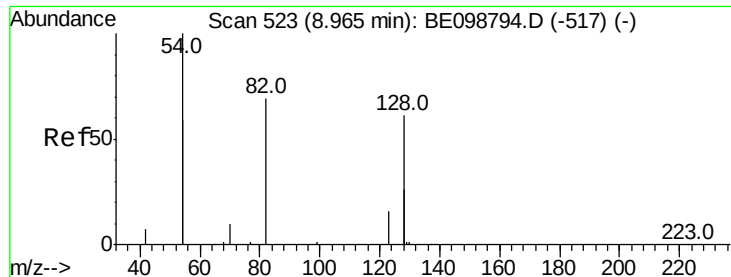
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.003 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

ClientSampleId :

M4-T1-UV(PRE)DL

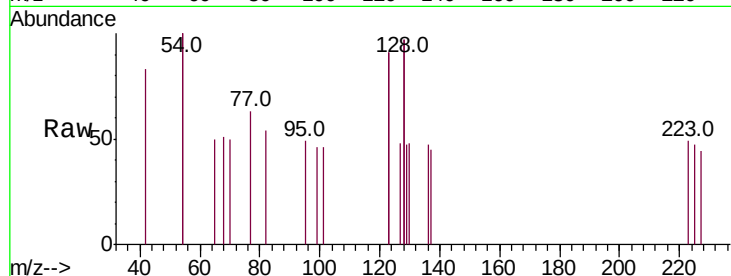
Tot Ion: 82 Resp: 11

Ion Ratio Lower Upper

82 100

128 358.5 123.8 185.8#

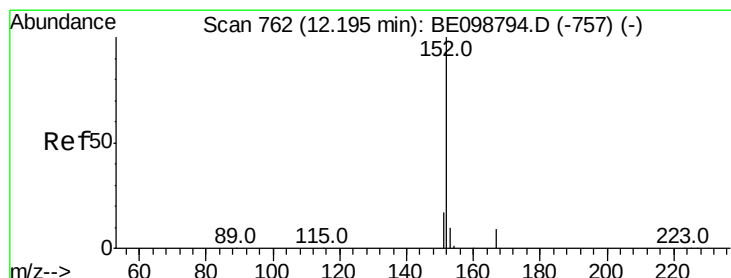
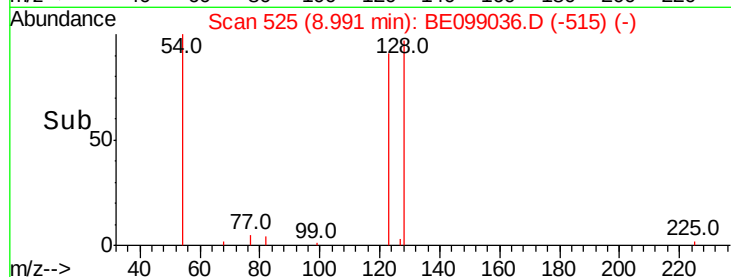
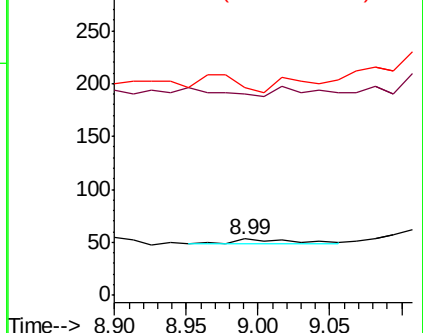
54 369.8 203.4 305.2#



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: 0.092 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.07 min

Lab File: BE099036.D

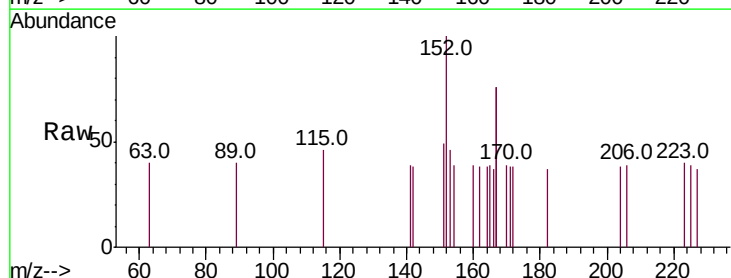
Acq: 19 Mar 2019 15:33

Tgt Ion: 152 Resp: 535

Ion Ratio Lower Upper

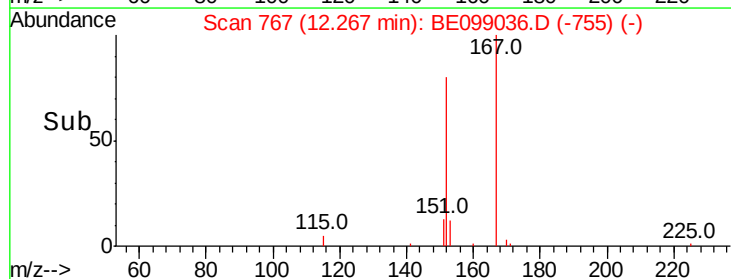
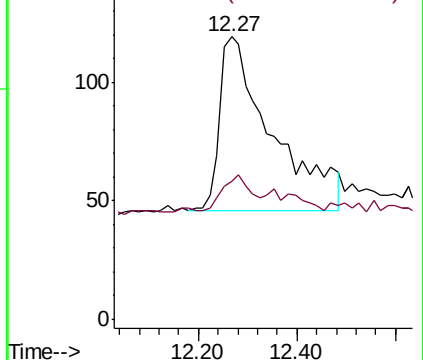
152 100

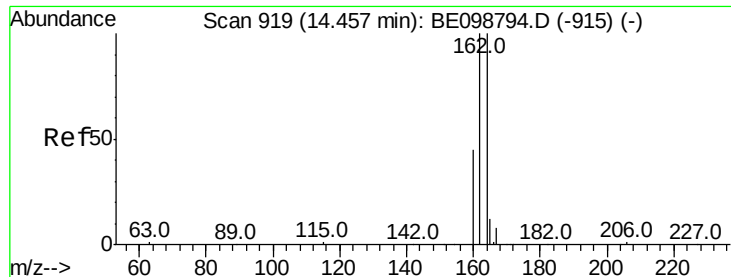
151 10.5 16.5 24.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

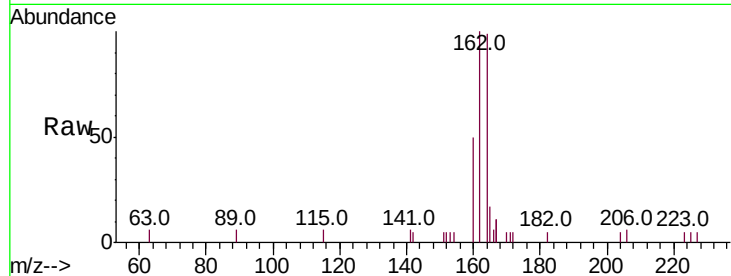




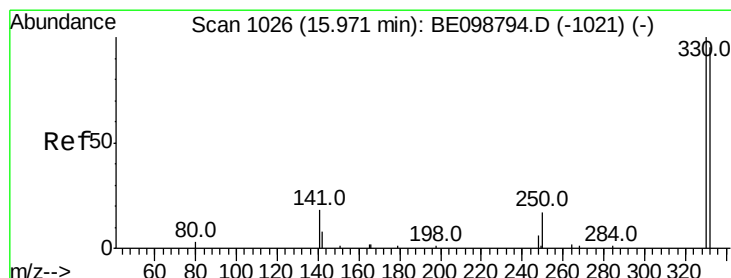
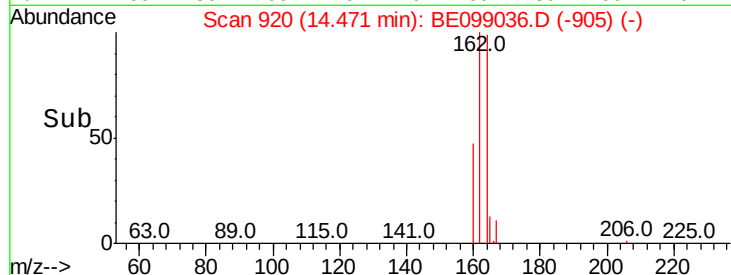
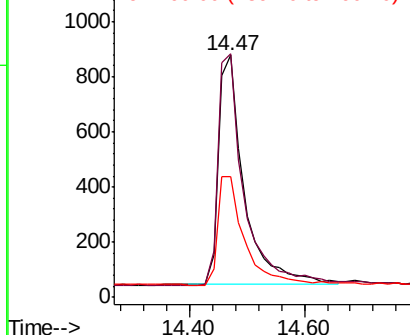
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)DL

Tot Ion:164 Resp: 2573
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.2 120.2
 160 49.9 37.8 56.8

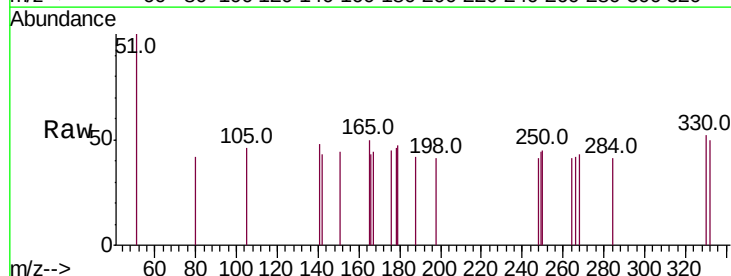


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

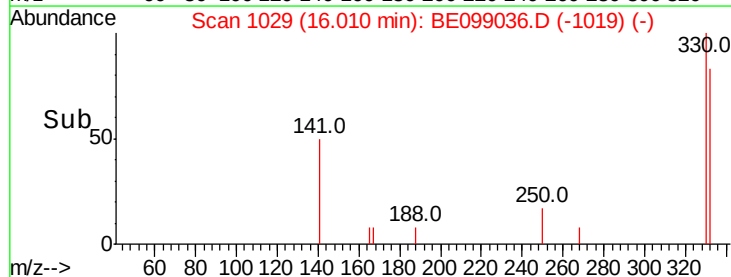
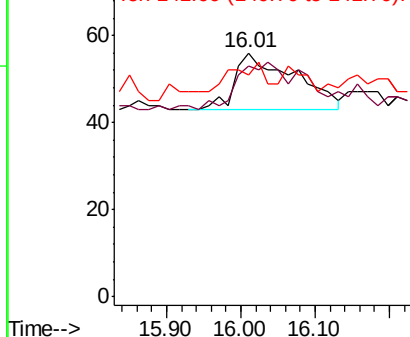


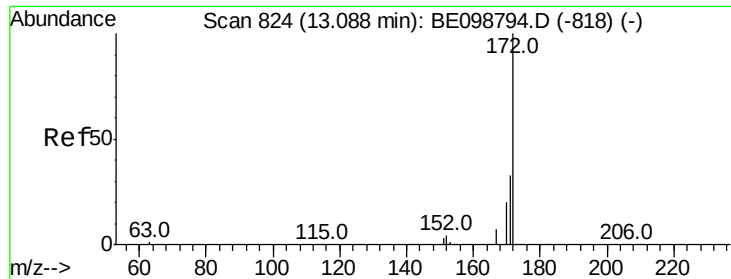
#14
 2,4,6-Tribromophenol
 Concen: 0.055 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Tgt Ion:330 Resp: 72
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.6 116.4#
 141 0.0 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

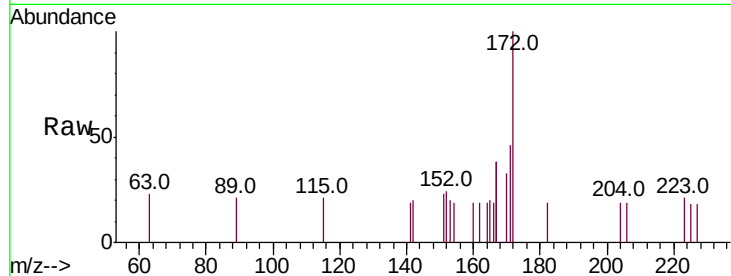




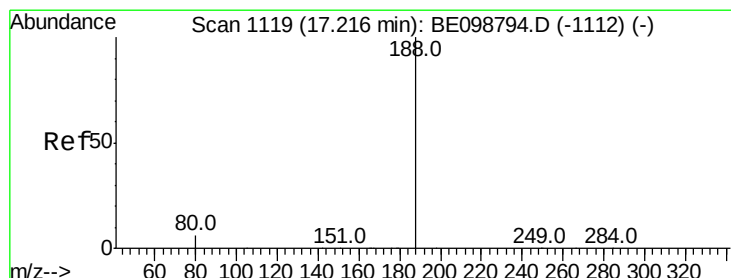
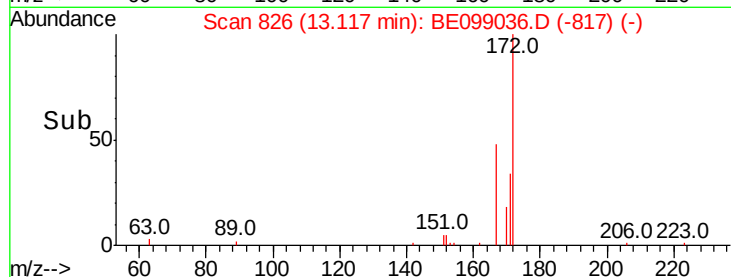
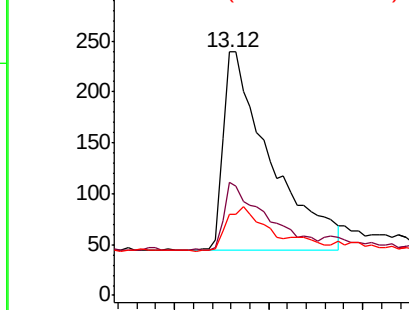
#15
2-Fluorobiphenyl
Concen: 0.128 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE099036.D
Acq: 19 Mar 2019 15:33

Instrument :
BNA_E
ClientSampleId :
M4-T1-UV(PRE)DL

Tot Ion:172 Resp: 1363
Ion Ratio Lower Upper
172 100
171 46.4 28.0 42.0#
170 33.5 17.7 26.5#

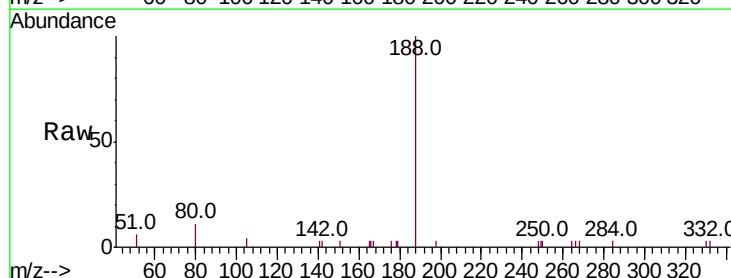


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

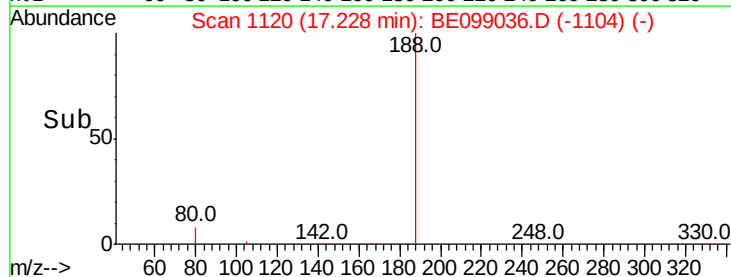
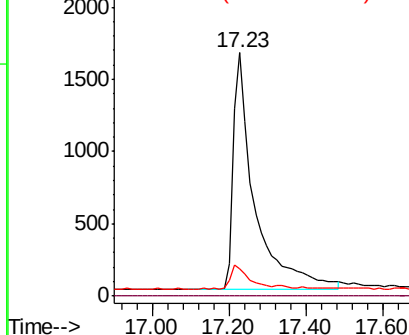


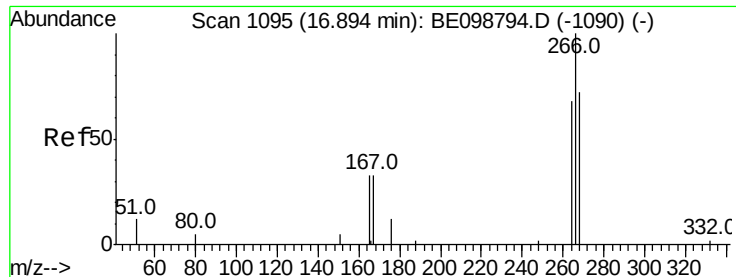
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE099036.D
Acq: 19 Mar 2019 15:33

Tgt Ion:188 Resp: 6279
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 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

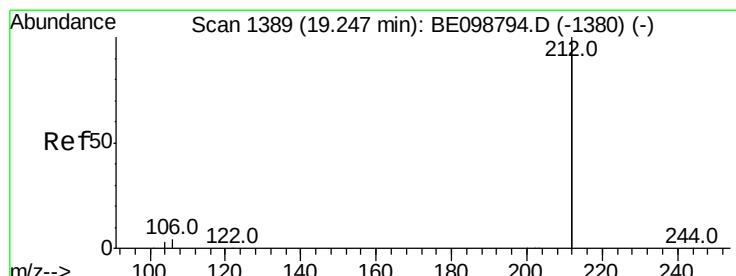
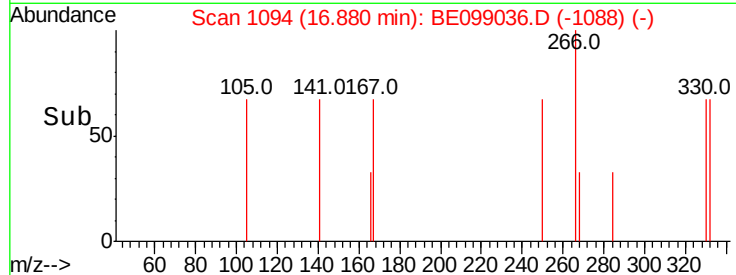
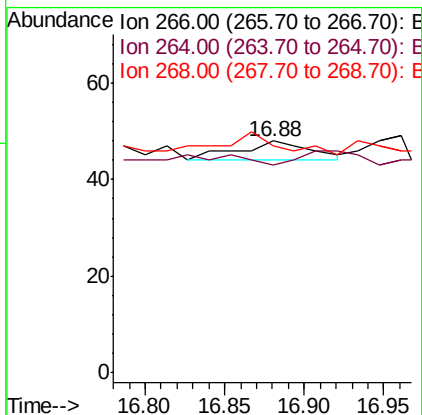
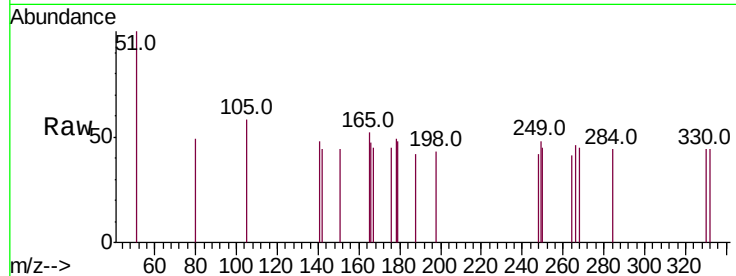




#22
 Pentachlorophenol
 Concen: 0.274 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

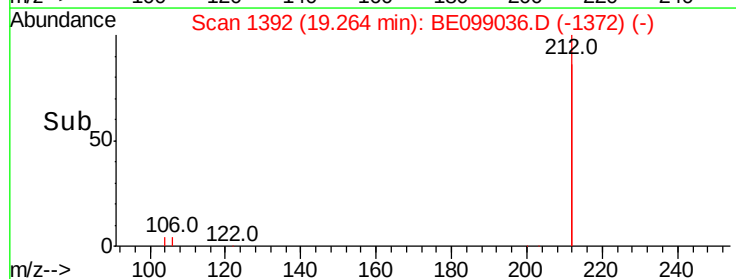
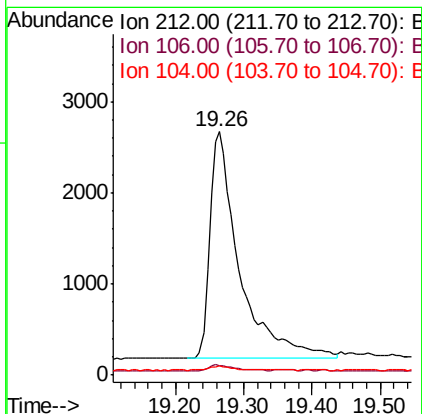
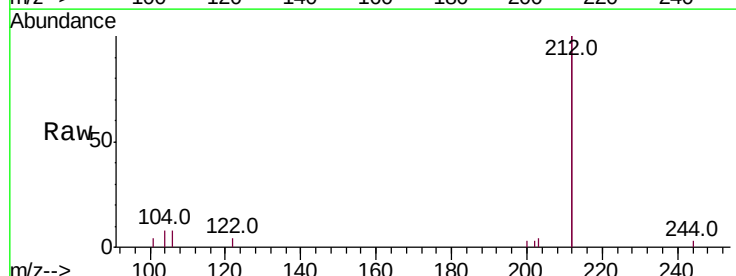
Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-UV(PRE)DL

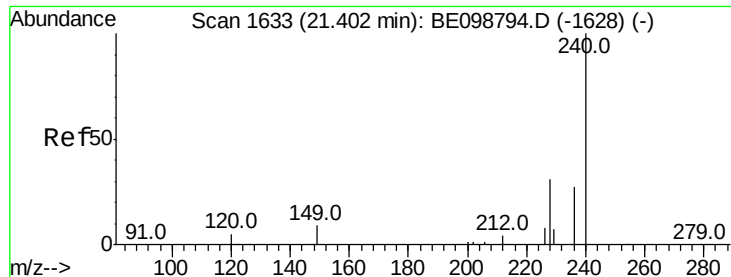
Tot Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 89.6 66.6 100.0
 268 97.9 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.075 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.02 min
 Lab File: BE099036.D
 Acq: 19 Mar 2019 15:33

Tgt Ion:212 Resp: 7549
 Ion Ratio Lower Upper
 212 100
 106 2.4 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: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

ClientSampleId :

M4-T1-UV(PRE)DL

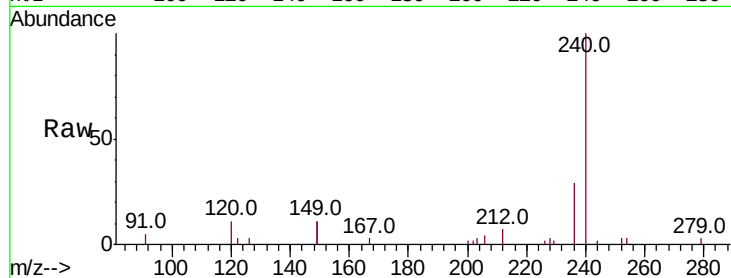
Tot Ion:240 Resp: 6374

Ion Ratio Lower Upper

240 100

120 10.7 5.0 7.4#

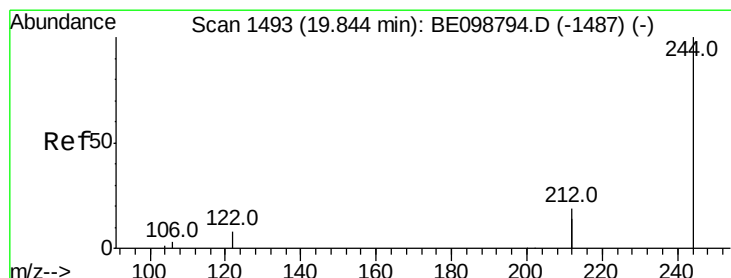
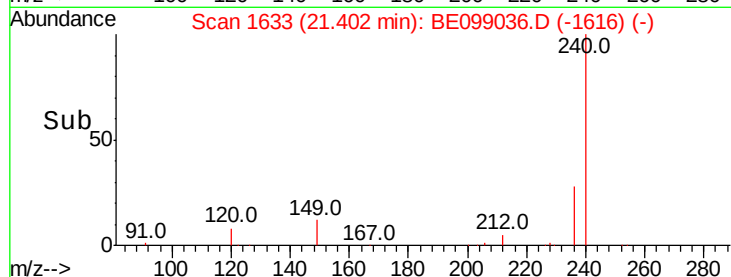
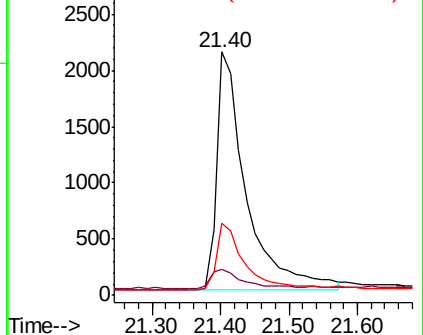
236 29.4 22.7 34.1



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: 0.106 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

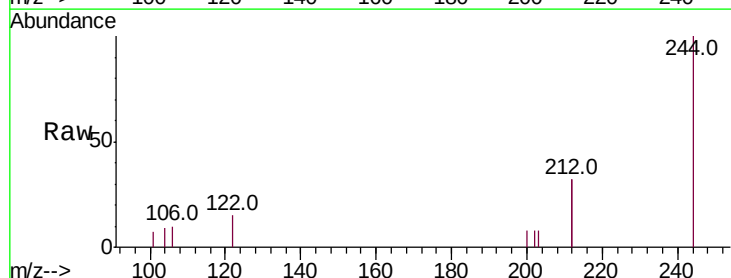
Tgt Ion:244 Resp: 1635

Ion Ratio Lower Upper

244 100

212 63.4 29.4 44.2#

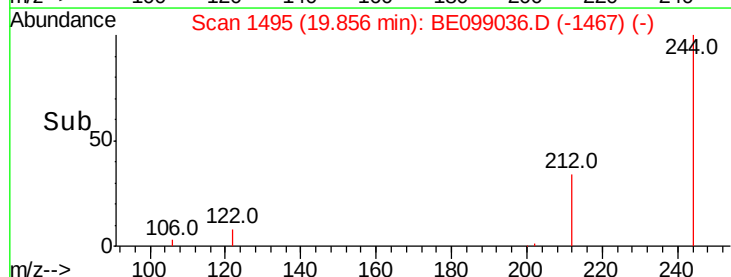
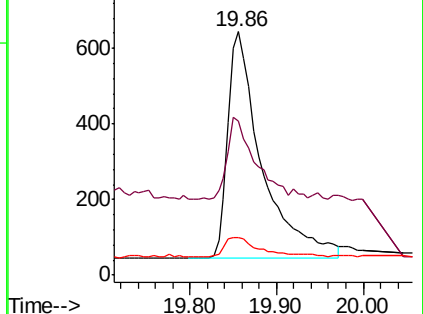
122 15.4 7.1 10.7#

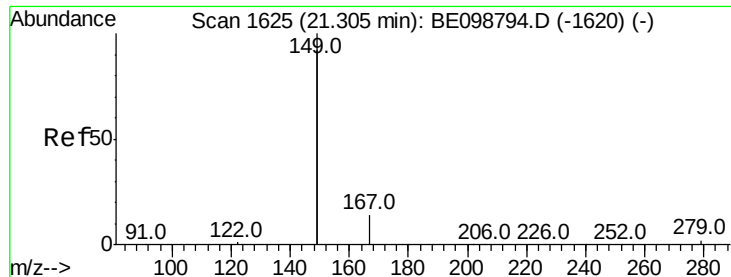


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

Instrument :

BNA_E

ClientSampleId :

M4-T1-UV(PRE)DL

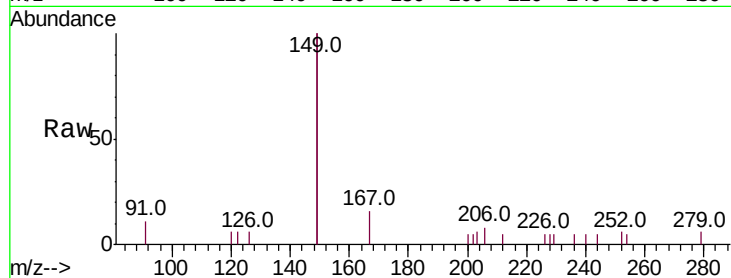
Tot Ion:149 Resp: 1945

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

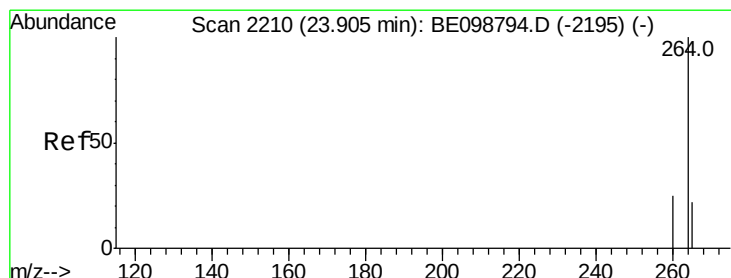
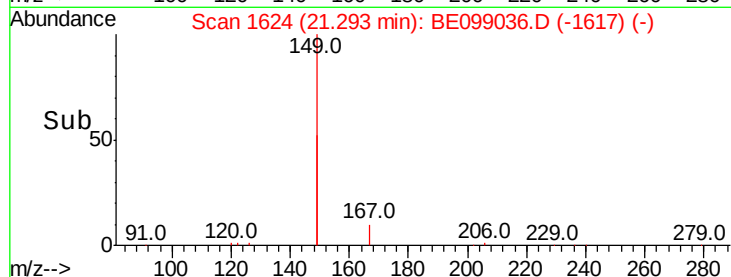
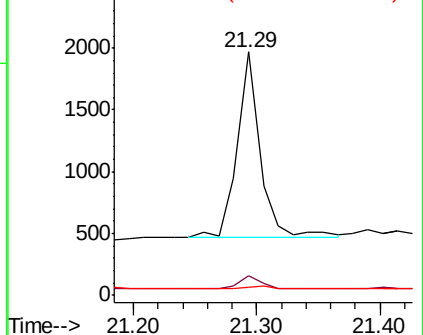
279 1.5 1.0 1.4#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BE099036.D

Acq: 19 Mar 2019 15:33

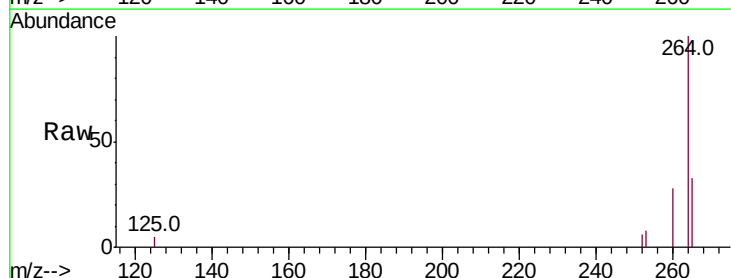
Tgt Ion:264 Resp: 5584

Ion Ratio Lower Upper

264 100

260 27.9 21.2 31.8

265 33.2 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

