

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099004.D
 Acq On : 18 Mar 2019 17:11
 Operator : JU/SJ
 Sample : K1912-09DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)DL

Quant Time: Mar 19 02:26:59 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

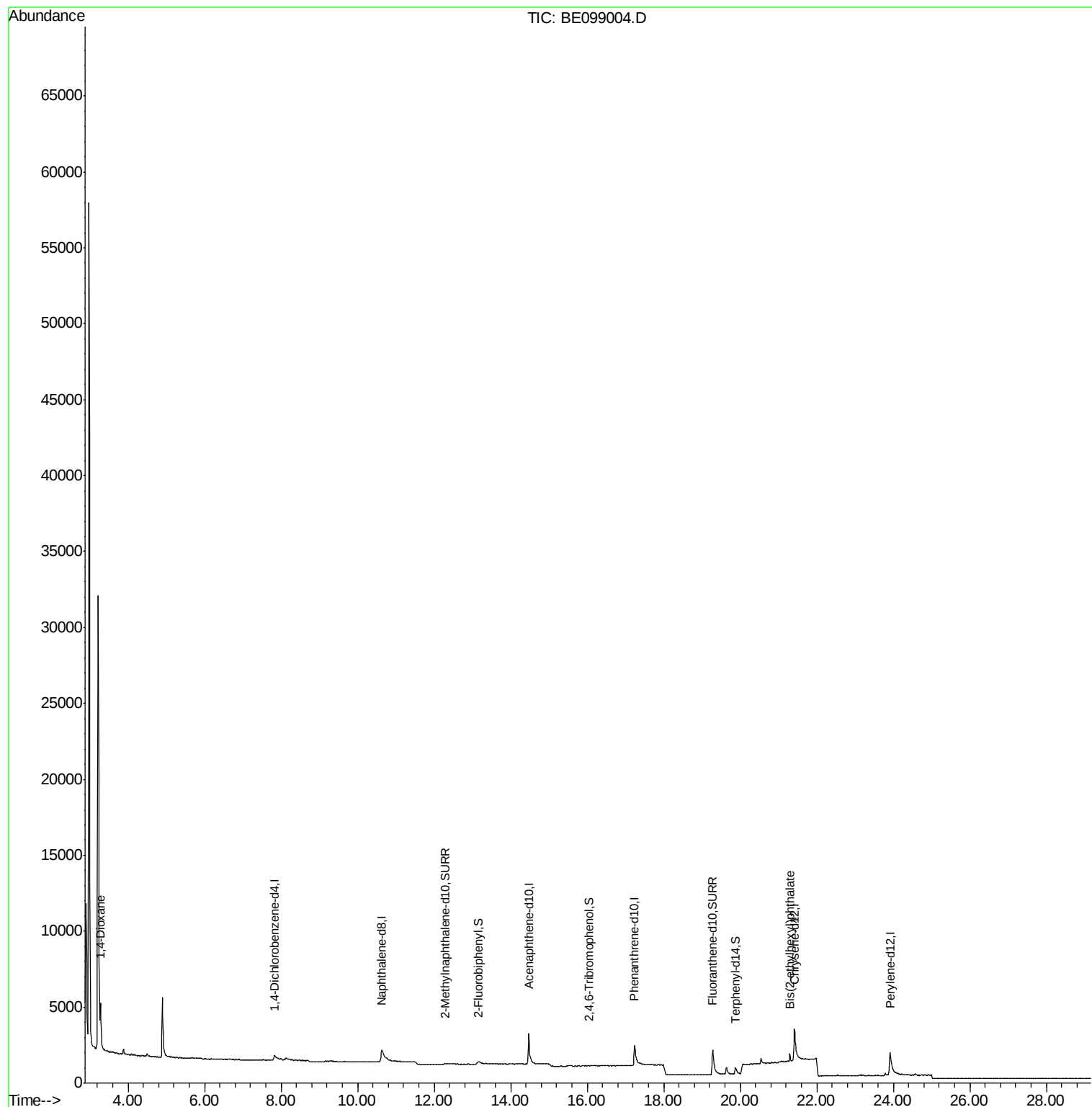
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	433	0.40	ng	0.05
7) Naphthalene-d8	10.63	136	2962	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	2344	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5585	0.40	ng	0.01
27) Chrysene-d12	21.42	240	5130	0.40	ng	0.01
34) Perylene-d12	23.91	264	4533	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	5	0.00	ng	0.02
5) Phenol-d6	7.03	99	4	0.00	ng	0.05
8) Nitrobenzene-d5	9.02	82	5	0.00	ng	0.05
11) 2-Methylnaphthalene-d10	12.30	152	379	0.07	ng	0.10
14) 2,4,6-Tribromophenol	16.04	330	32	0.03	ng	0.07
15) 2-Fluorobiphenyl	13.15	172	603	0.06	ng	0.06
25) Fluoranthene-d10	19.28	212	5854	0.07	ng	0.03
29) Terphenyl-d14	19.87	244	987	0.08	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.28	88	1670	2.401	ng	Qvalue 100
32) Bis(2-ethylhexyl)phthalate	21.29	149	714	0.021	ng	# 97

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

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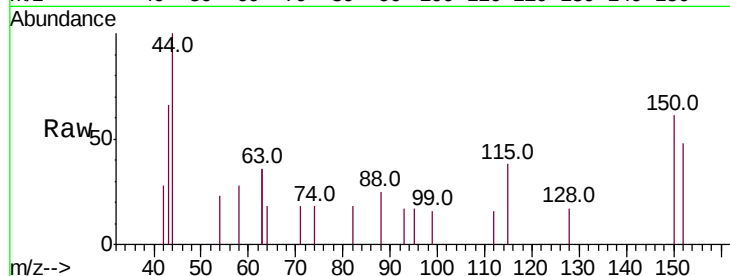


#1

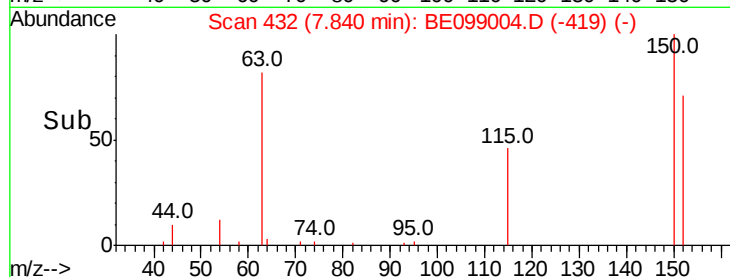
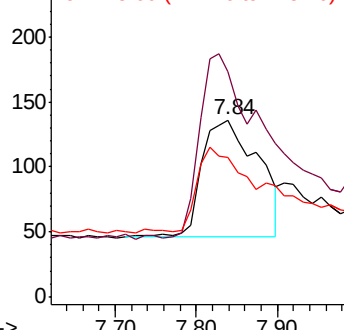
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.05 min
Lab File: BE099004.D
Acq: 18 Mar 2019 17:11

Instrument :
BNA_E
ClientSampleId :
M3-T1-UV(PRE)DL

Tot Ion:152 Resp: 433
Ion Ratio Lower Upper
152 100
150 127.2 122.5 183.7
115 78.7 57.4 86.2



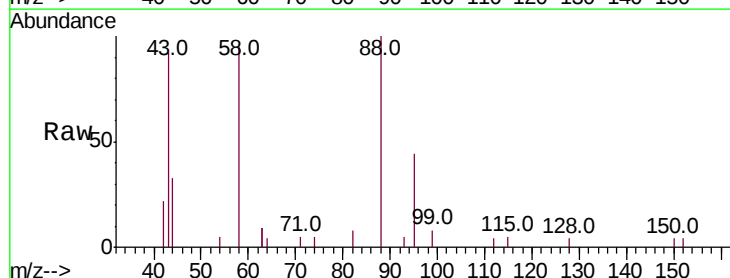
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



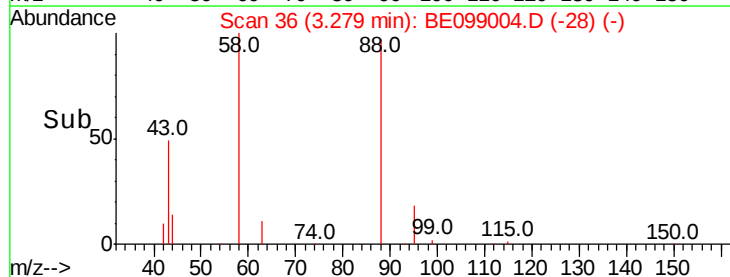
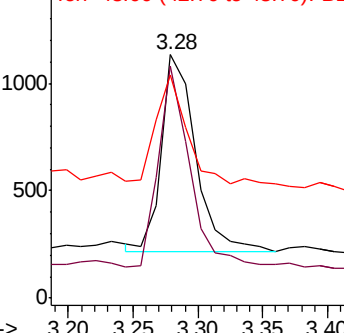
#2

1,4-Dioxane
Concen: 2.401 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099004.D
Acq: 18 Mar 2019 17:11

Tgt Ion: 88 Resp: 1670
Ion Ratio Lower Upper
88 100
58 94.8 75.8 113.6
43 51.5 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: 0.004 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

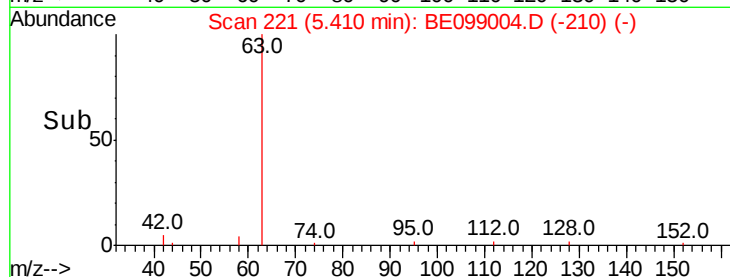
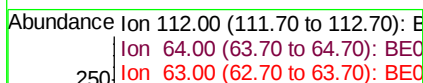
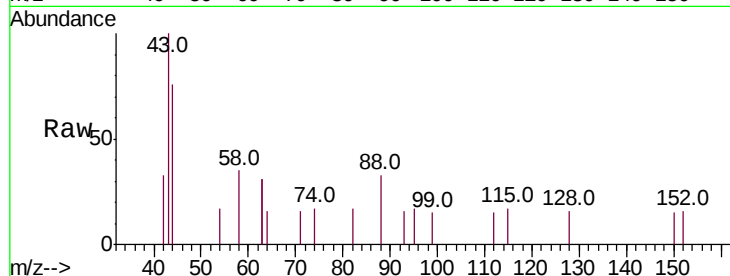
Instrument :

BNA_E

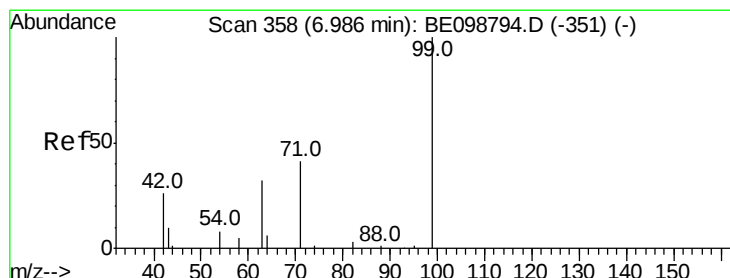
ClientSampleId :

M3-T1-UV(PRE)DL

Tot Ion:	112	Resp:	5
Ion	Ratio	Lower	Upper
112	100		
64	140.0	57.9	86.9#
63	0.0	158.3	237.5#



Time-->



#5

Phenol-d6

Concen: 0.002 ng

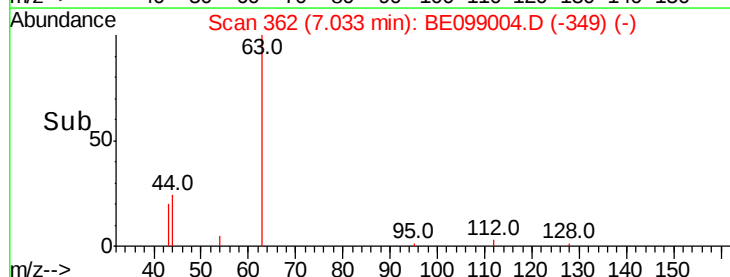
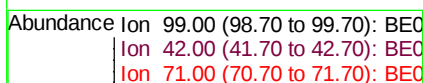
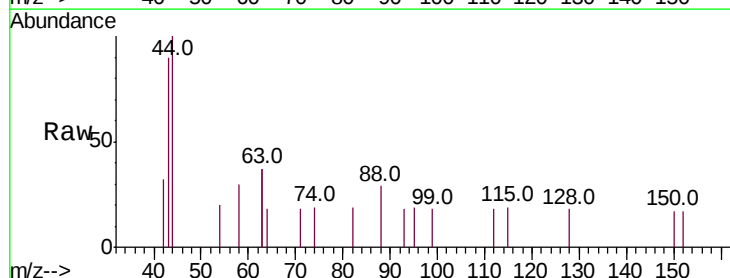
RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

Tgt Ion:	99	Resp:	4
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	150.0	35.7	53.5#



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)DL

Tot Ion:136 Resp: 2962

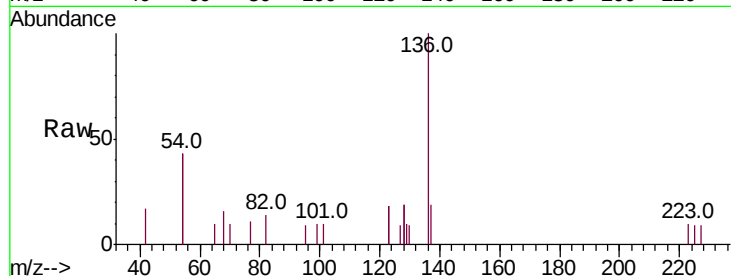
Ion Ratio Lower Upper

136 100

137 19.2 11.4 17.0#

54 85.1 39.3 58.9#

68 15.5 6.7 10.1#

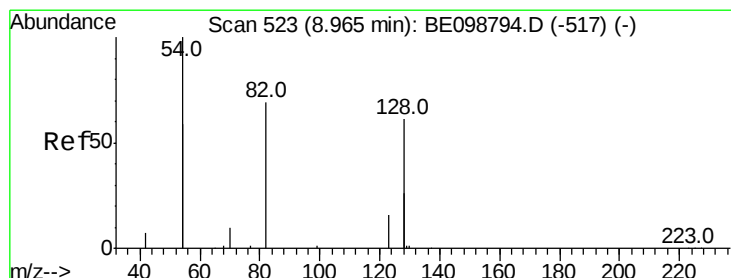
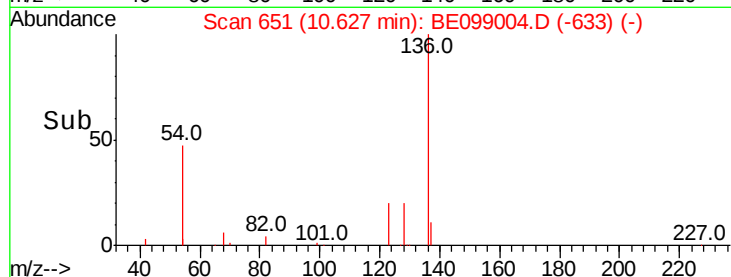
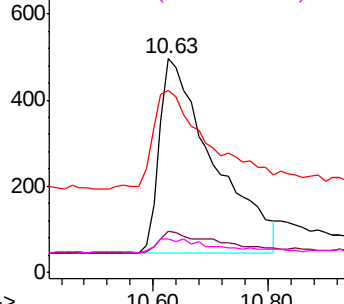


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

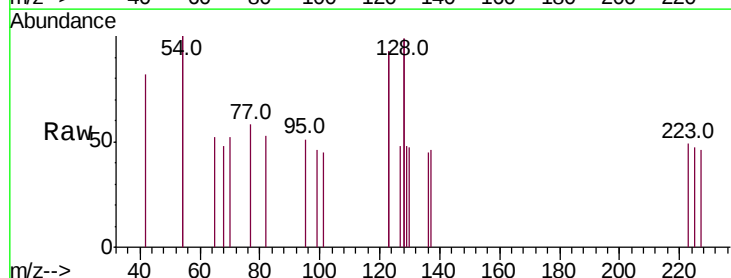
Tgt Ion: 82 Resp: 5

Ion Ratio Lower Upper

82 100

128 376.5 123.8 185.8#

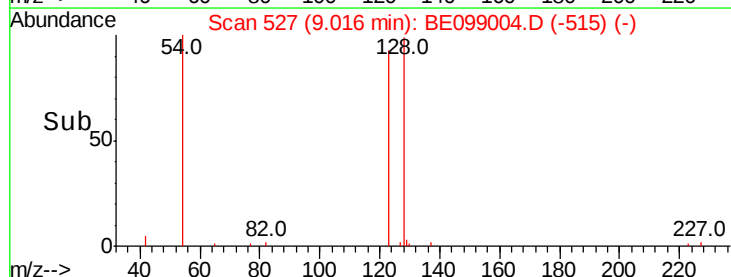
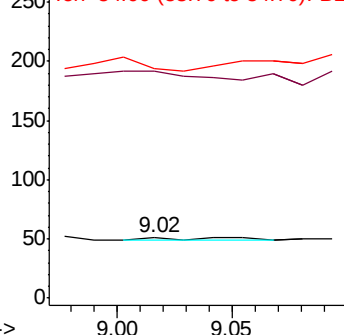
54 380.4 203.4 305.2#

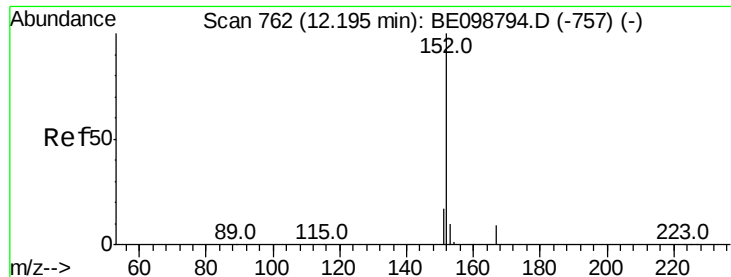


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.069 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.10 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

Instrument :

BNA_E

ClientSampleId :

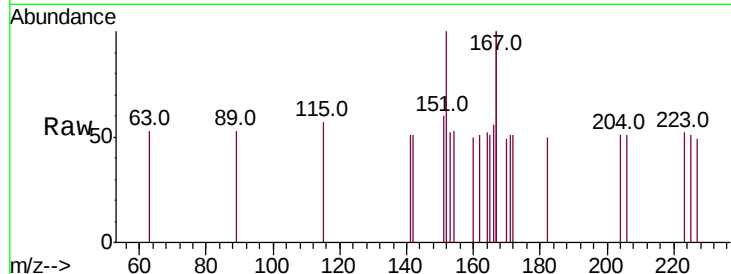
M3-T1-UV(PRE)DL

Tot Ion:152 Resp: 379

Ion Ratio Lower Upper

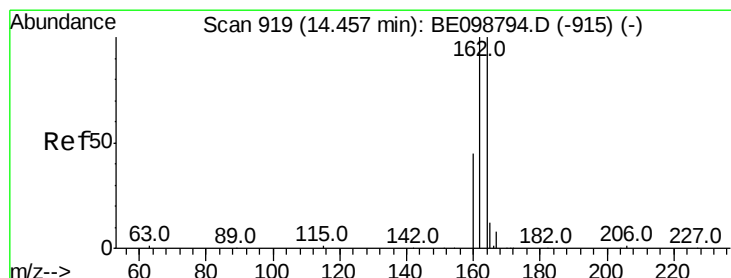
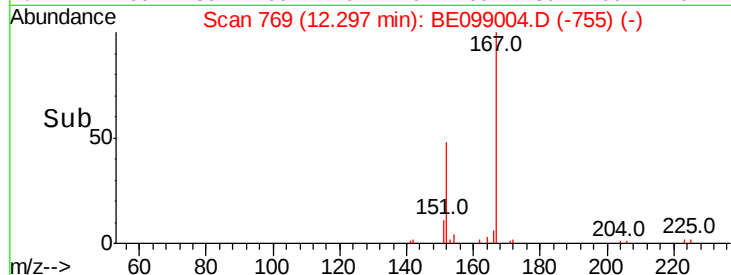
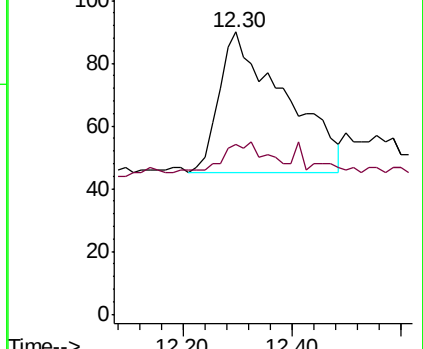
152 100

151 0.0 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. 0.02 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

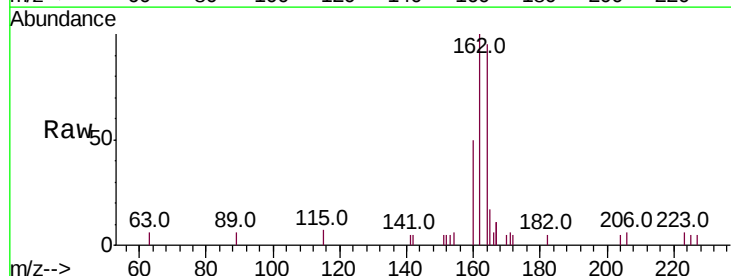
Tgt Ion:164 Resp: 2344

Ion Ratio Lower Upper

164 100

162 105.0 80.2 120.2

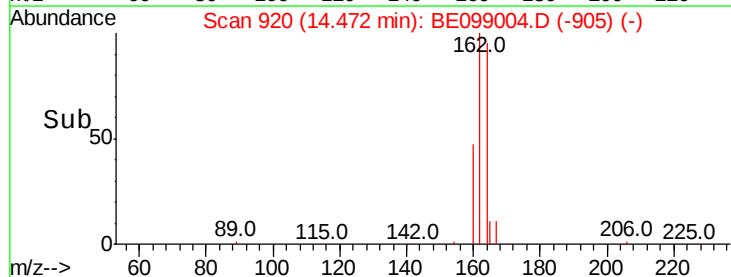
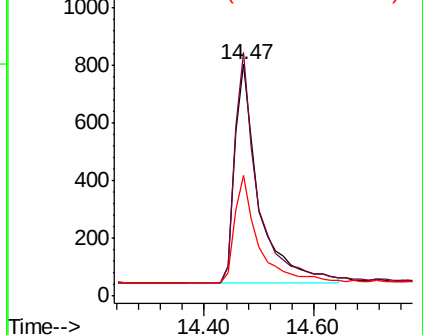
160 52.1 37.8 56.8



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: 0.027 ng

RT: 16.04 min Scan# 1031

Delta R.T. 0.07 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)DL

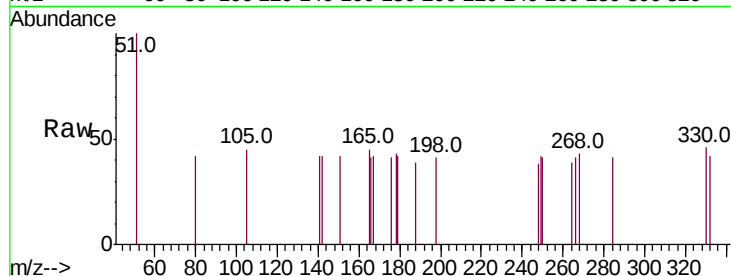
Tot Ion:330 Resp: 32

Ion Ratio Lower Upper

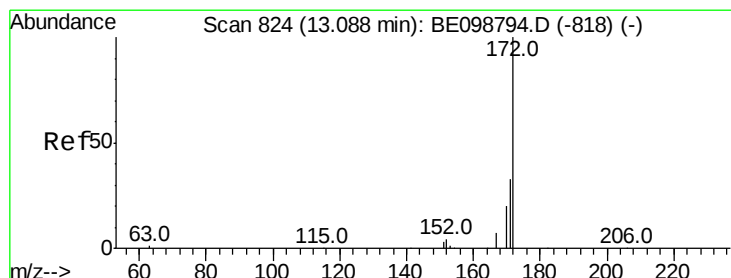
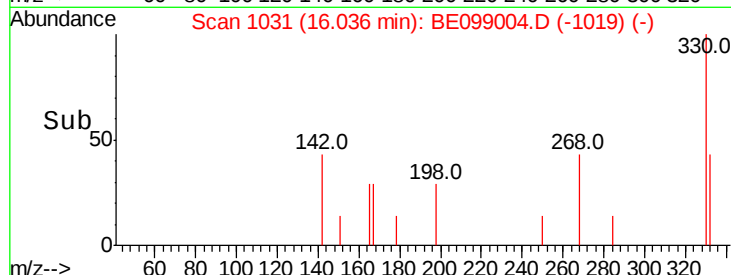
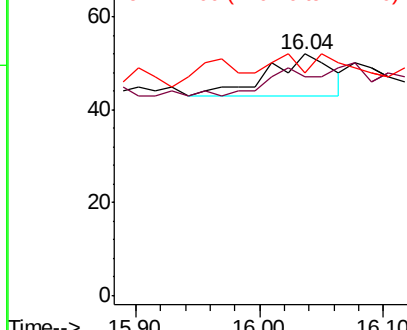
330 100

332 43.8 77.6 116.4#

141 18.8 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: 0.062 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.06 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

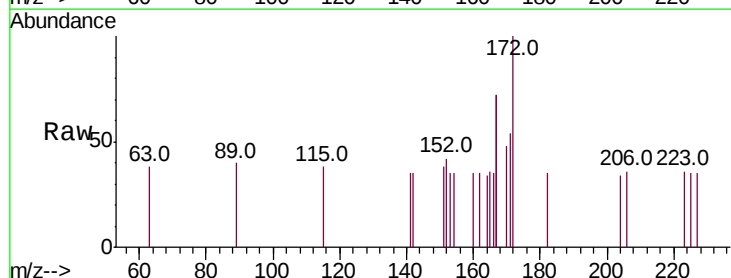
Tgt Ion:172 Resp: 603

Ion Ratio Lower Upper

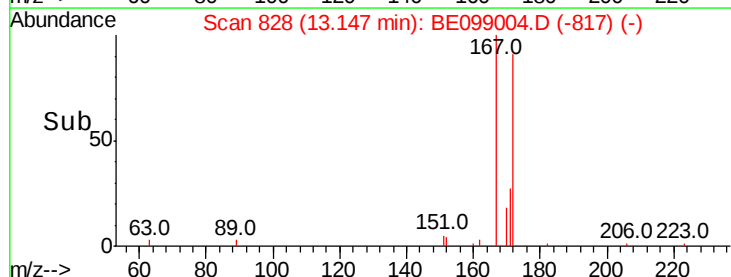
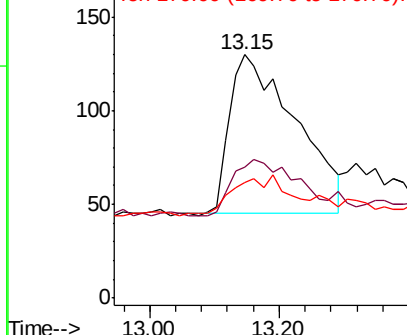
172 100

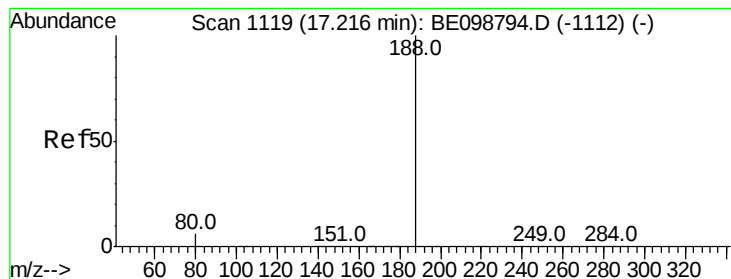
171 53.8 28.0 42.0#

170 47.7 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: BE099004.D

Acq: 18 Mar 2019 17:11

Instrument :

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ClientSampleId :

M3-T1-UV(PRE)DL

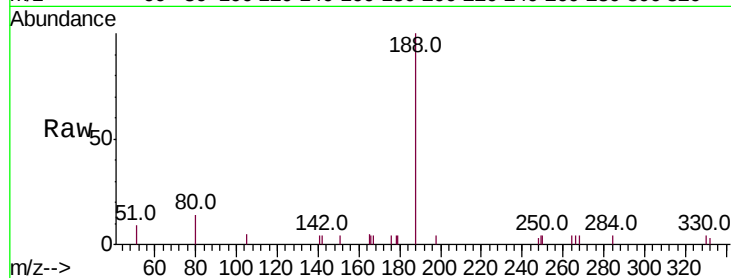
Tot Ion:188 Resp: 5585

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

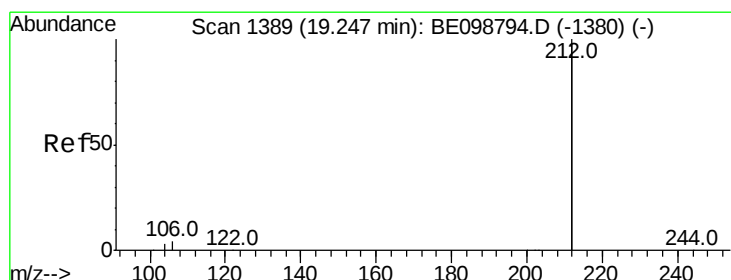
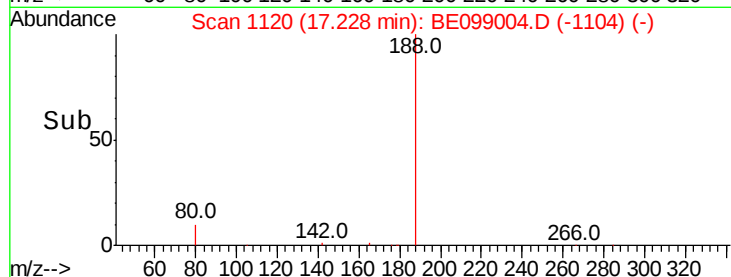
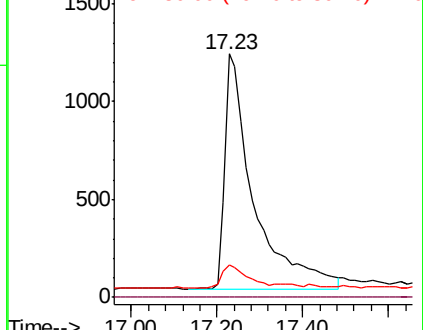
80 13.5 6.3 9.5#



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



#25

Fluoranthene-d10

Concen: 0.066 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.03 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

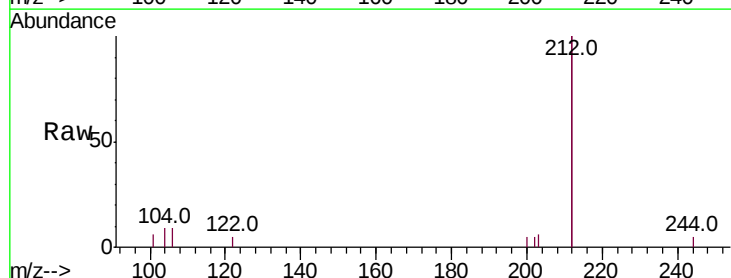
Tgt Ion:212 Resp: 5854

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

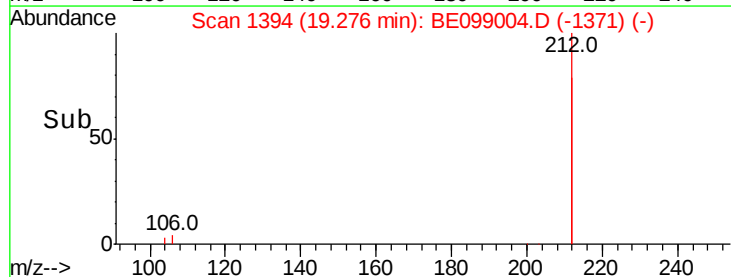
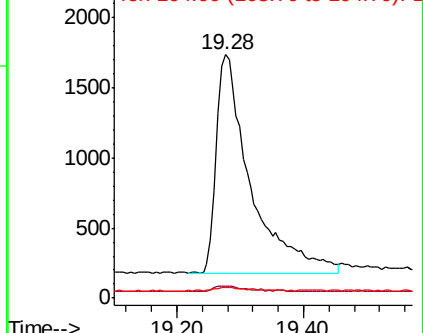
104 1.2 1.0 1.6

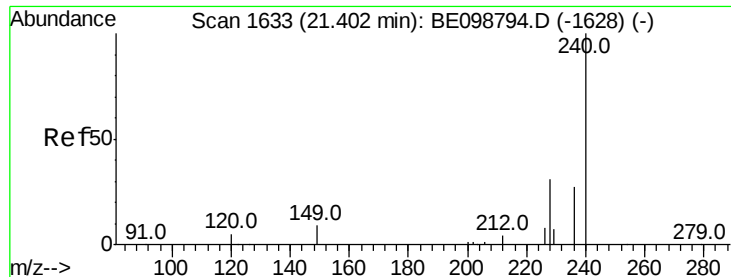


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.42 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)DL

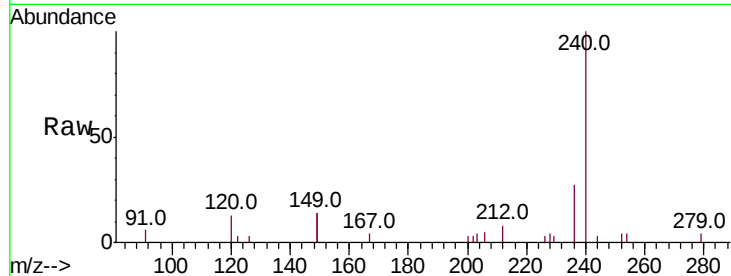
Tot Ion:240 Resp: 5130

Ion Ratio Lower Upper

240 100

120 13.0 5.0 7.4#

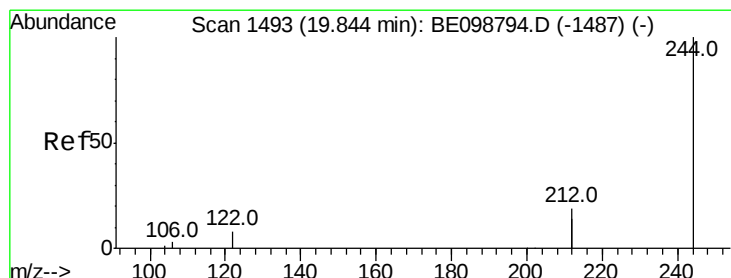
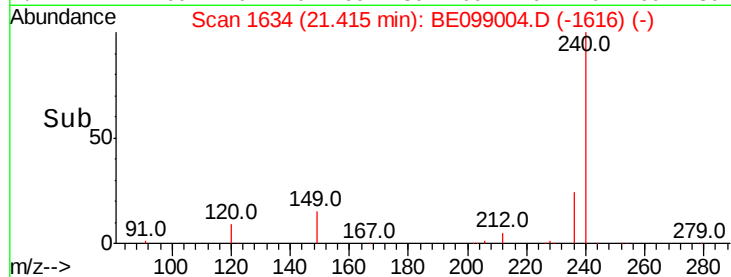
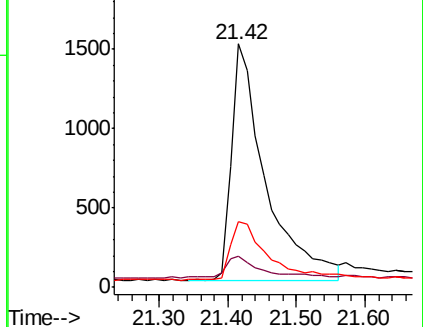
236 27.0 22.7 34.1



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: 0.079 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.03 min

Lab File: BE099004.D

Acq: 18 Mar 2019 17:11

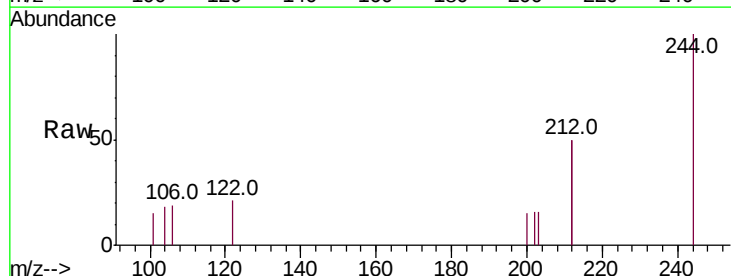
Tgt Ion:244 Resp: 987

Ion Ratio Lower Upper

244 100

212 100.0 29.4 44.2#

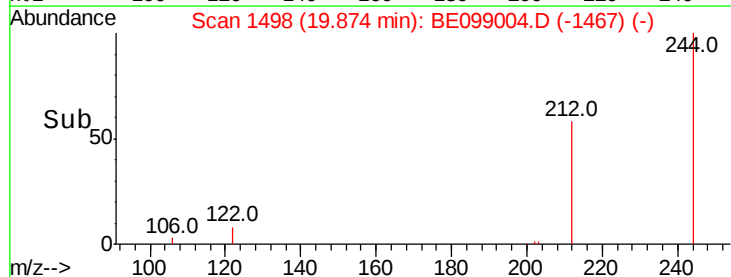
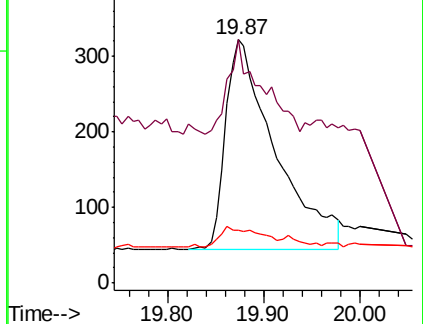
122 21.4 7.1 10.7#

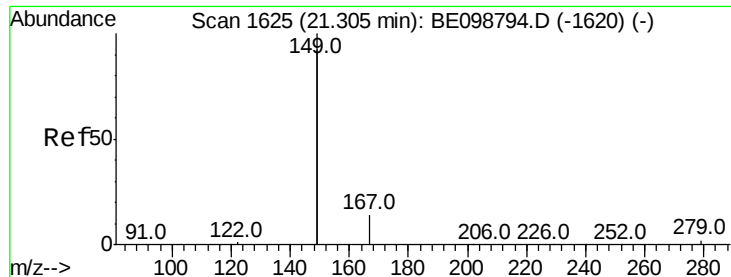


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

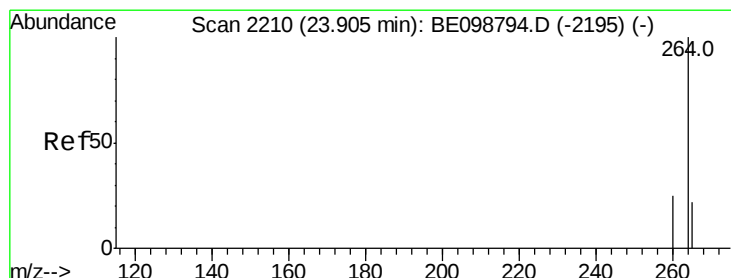
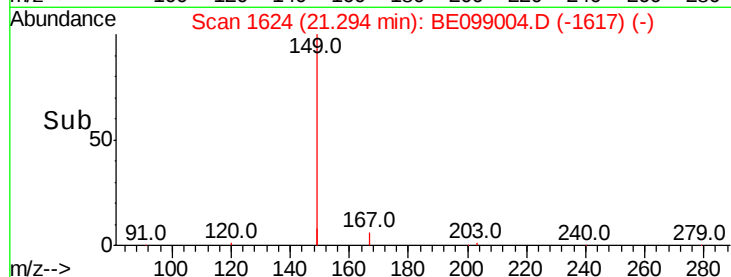
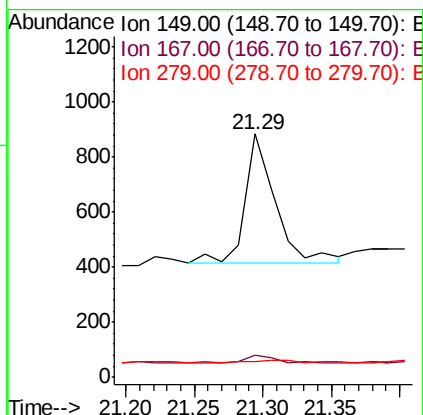
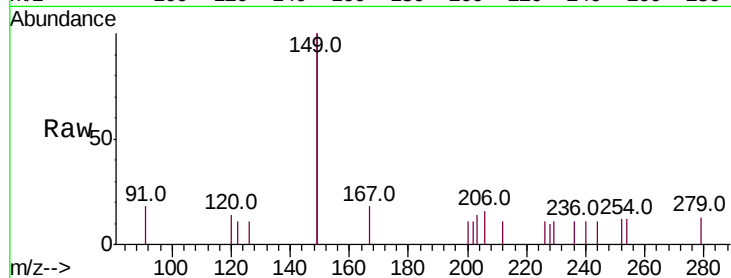




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.021 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)DL

Tot Ion:149 Resp: 714
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.4 8.0
 279 5.2 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2212
 Delta R.T. 0.01 min
 Lab File: BE099004.D
 Acq: 18 Mar 2019 17:11

Tgt Ion:264 Resp: 4533
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 37.3 24.6 36.8#

