

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099018.D
 Acq On : 19 Mar 2019 2:23
 Operator : JU/SJ
 Sample : K1937-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW2021-20190314

Quant Time: Mar 19 02:56:41 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

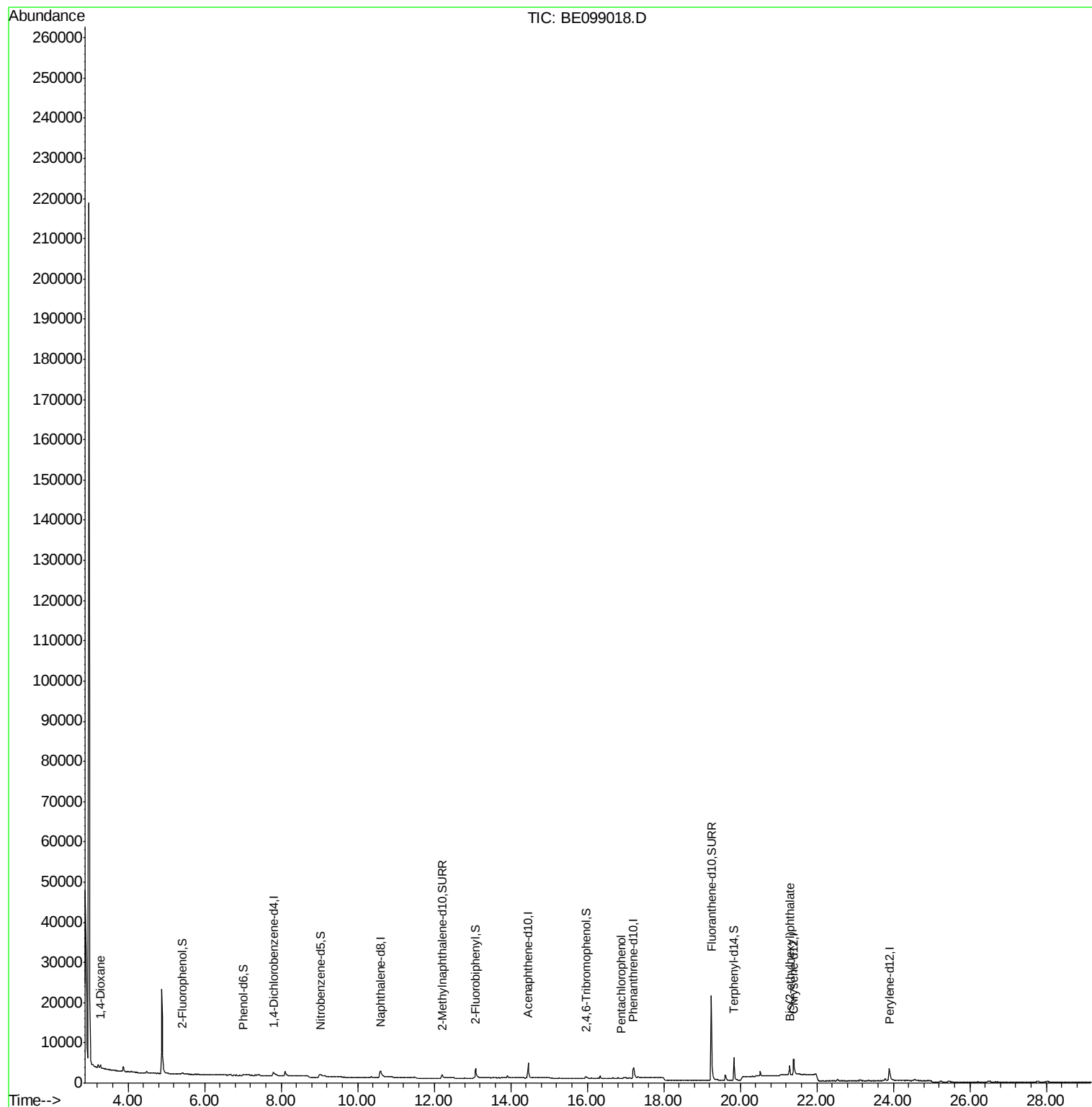
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	759	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3611	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2610	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5898	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6926	0.40	ng	0.00
34) Perylene-d12	23.90	264	6360	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	382	0.17	ng	0.03
5) Phenol-d6	7.01	99	264	0.08	ng	0.03
8) Nitrobenzene-d5	9.03	82	1152	0.30	ng	0.06
11) 2-Methylnaphthalene-d10	12.21	152	2495	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	467	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4308	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	35255	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	6446	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	526	0.346	ng	Qvalue # 62
22) Pentachlorophenol	16.89	266	5	0.268	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	3609	0.078	ng	# 99

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

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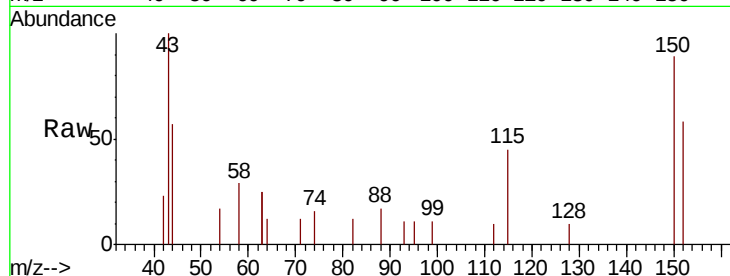


#1

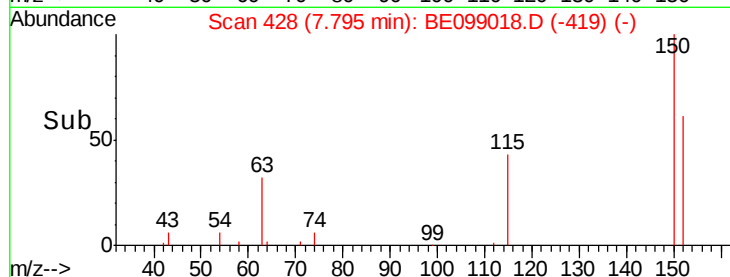
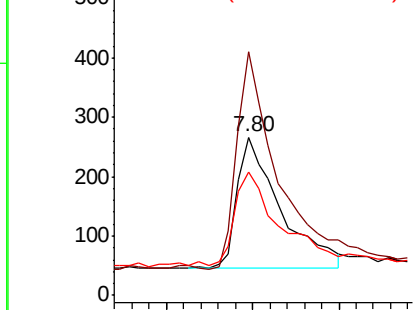
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099018.D
Acq: 19 Mar 2019 2:23

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW2021-20190314

Tgt Ion: 152 Resp: 759
Ion Ratio Lower Upper
152 100
150 153.6 122.5 183.7
115 77.9 57.4 86.2



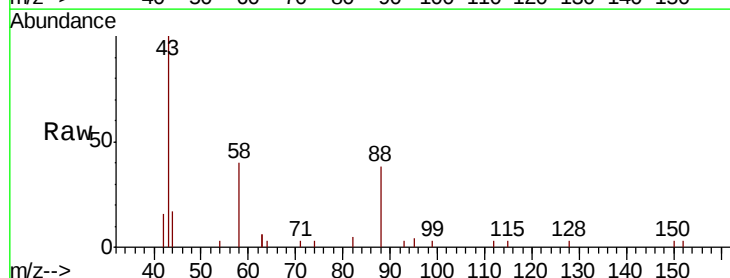
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



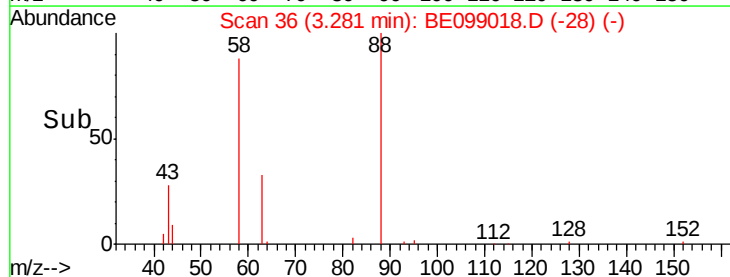
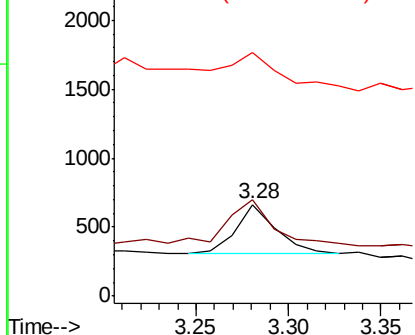
#2

1,4-Dioxane
Concen: 0.346 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099018.D
Acq: 19 Mar 2019 2:23

Tgt Ion: 88 Resp: 526
Ion Ratio Lower Upper
88 100
58 115.0 75.8 113.6#
43 101.1 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: 0.168 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW2021-20190314

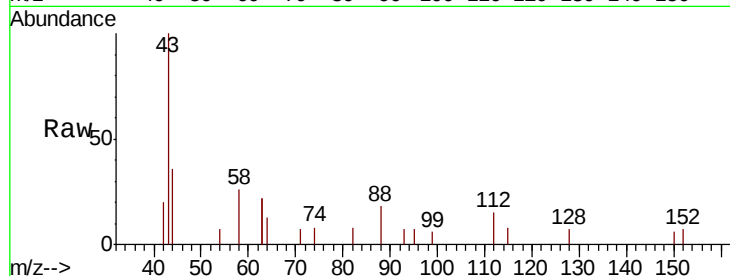
Tgt Ion: 112 Resp: 382

Ion Ratio Lower Upper

112 100

64 68.8 57.9 86.9

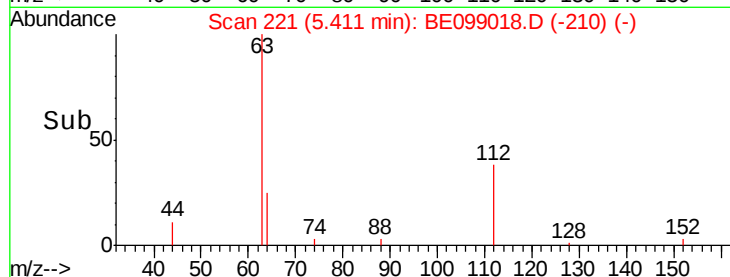
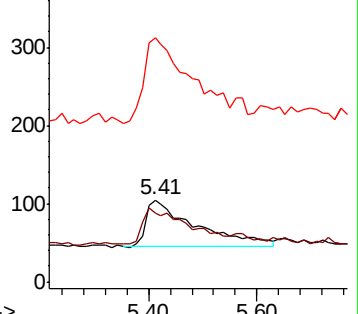
63 177.2 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): BE099018.D (-210) (-)

Ion 64.00 (63.70 to 64.70): BE099018.D (-210) (-)

Ion 63.00 (62.70 to 63.70): BE099018.D (-210) (-)



#5

Phenol-d6

Concen: 0.082 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

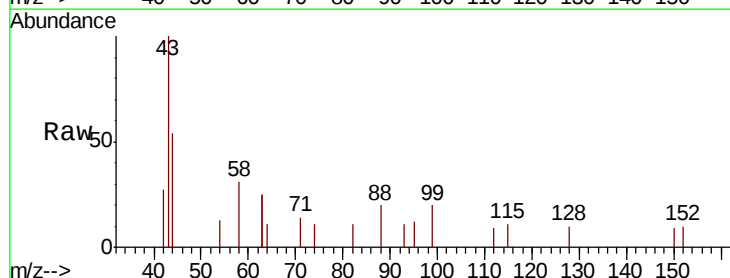
Tgt Ion: 99 Resp: 264

Ion Ratio Lower Upper

99 100

42 42.0 24.2 36.2#

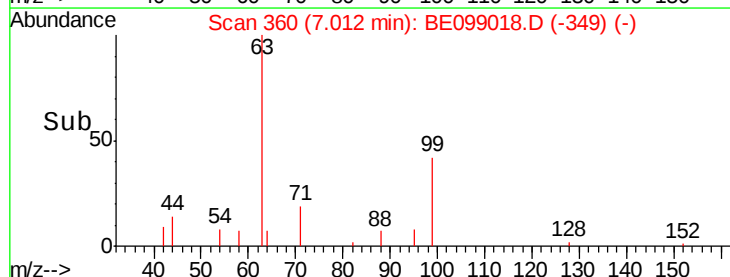
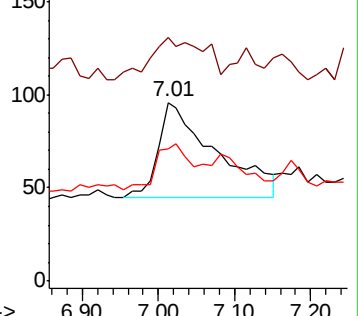
71 28.0 35.7 53.5#



Abundance Ion 99.00 (98.70 to 99.70): BE099018.D (-349) (-)

Ion 42.00 (41.70 to 42.70): BE099018.D (-349) (-)

Ion 71.00 (70.70 to 71.70): BE099018.D (-349) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW2021-20190314

Tgt Ion: 136 Resp: 3611

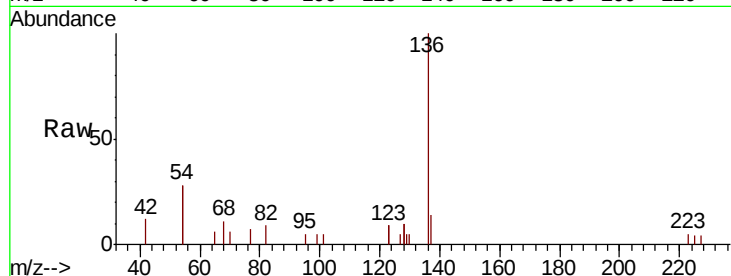
Ion Ratio Lower Upper

136 100

137 14.2 11.4 17.0

54 55.8 39.3 58.9

68 10.8 6.7 10.1#

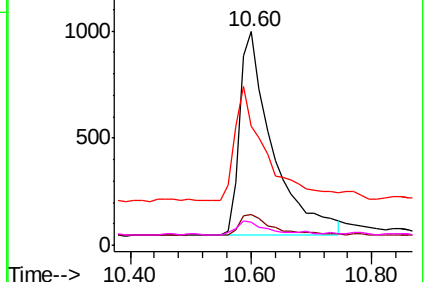
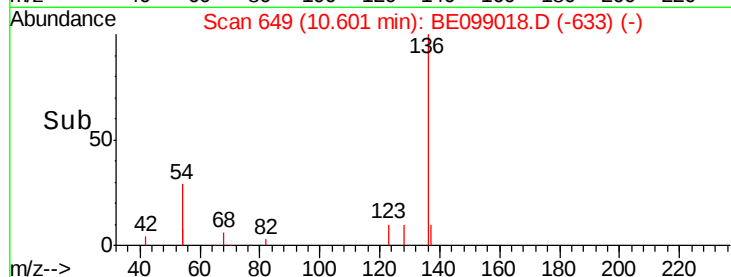


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.304 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

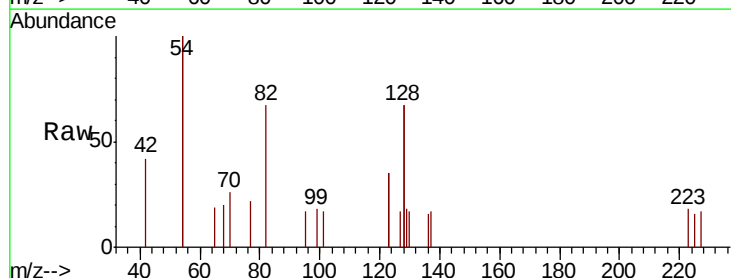
Tgt Ion: 82 Resp: 1152

Ion Ratio Lower Upper

82 100

128 201.1 123.8 185.8#

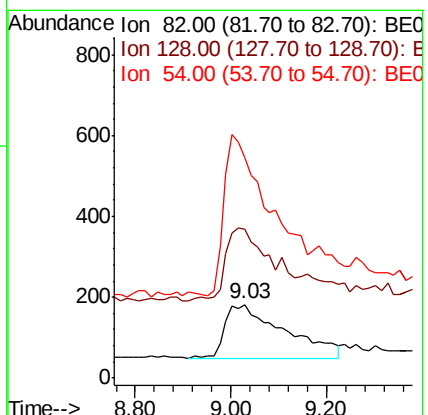
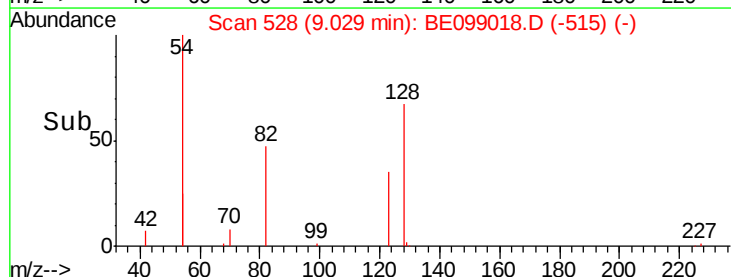
54 298.4 203.4 305.2



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

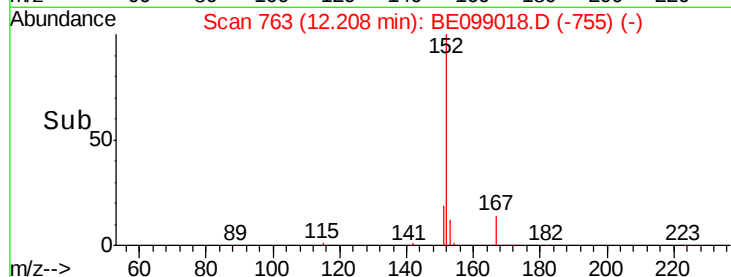
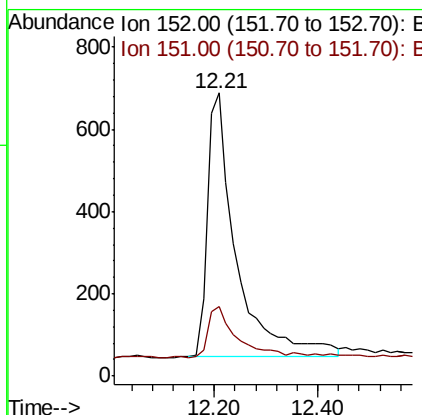
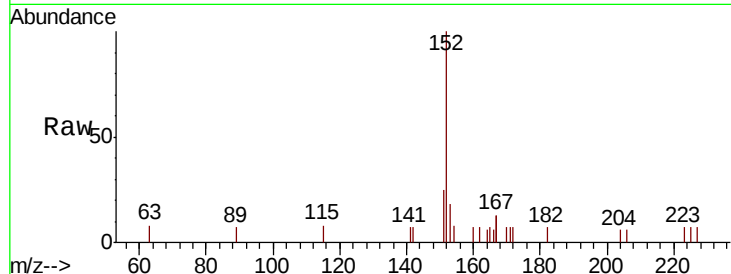




#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099018.D
Acq: 19 Mar 2019 2:23

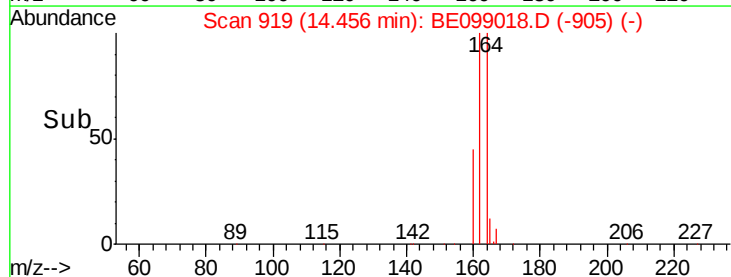
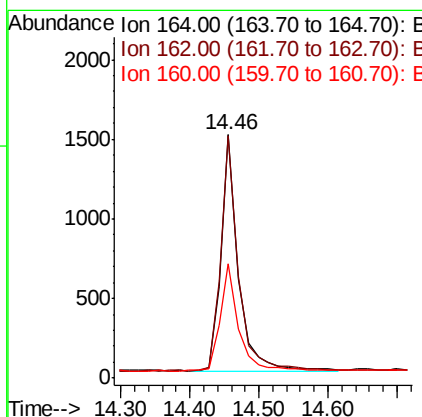
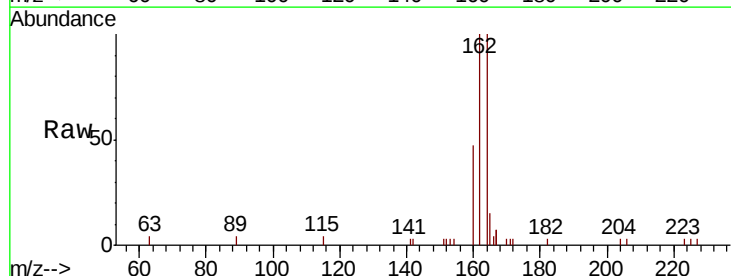
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW2021-20190314

Tgt Ion:152 Resp: 2495
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: BE099018.D
Acq: 19 Mar 2019 2:23

Tgt Ion:164 Resp: 2610
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.2
160 47.0 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.354 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW2021-20190314

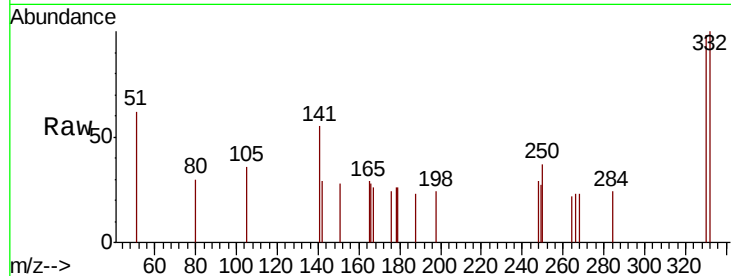
Tgt Ion:330 Resp: 467

Ion Ratio Lower Upper

330 100

332 95.1 77.6 116.4

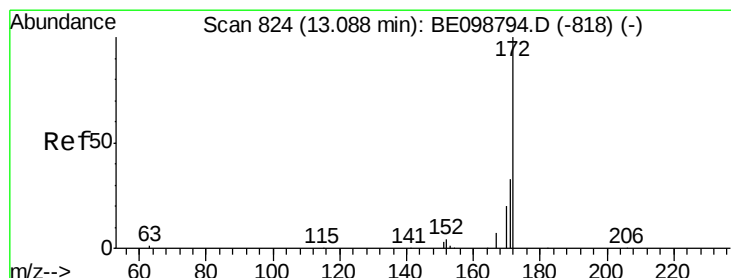
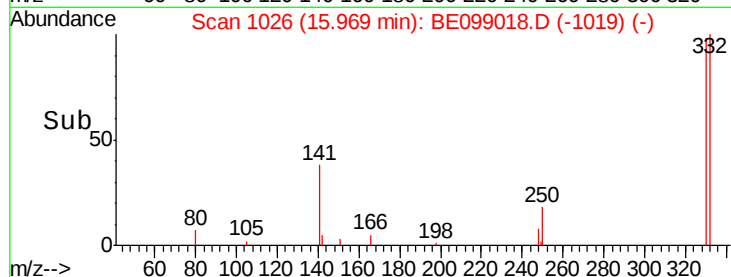
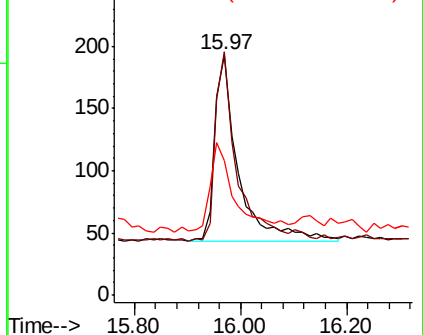
141 47.3 31.0 46.4#



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: 0.399 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

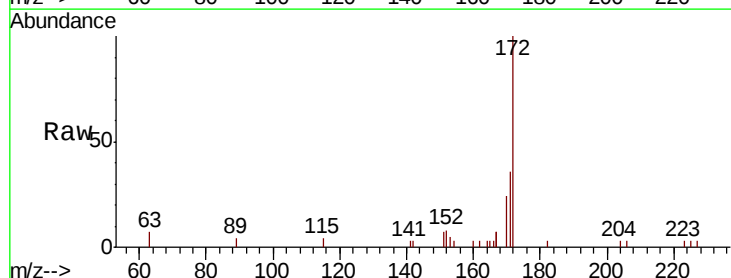
Tgt Ion:172 Resp: 4308

Ion Ratio Lower Upper

172 100

171 36.0 28.0 42.0

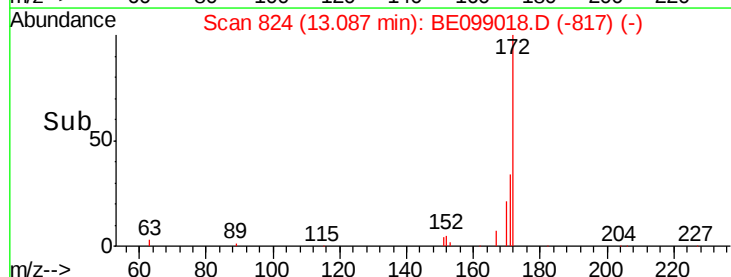
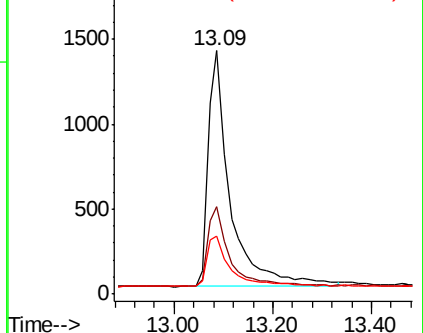
170 23.9 17.7 26.5



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: BE099018.D

Acq: 19 Mar 2019 2:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW2021-20190314

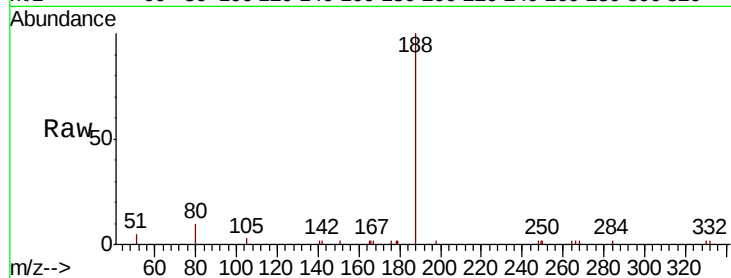
Tgt Ion:188 Resp: 5898

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

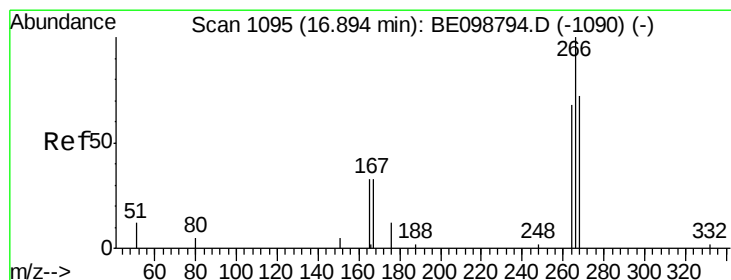
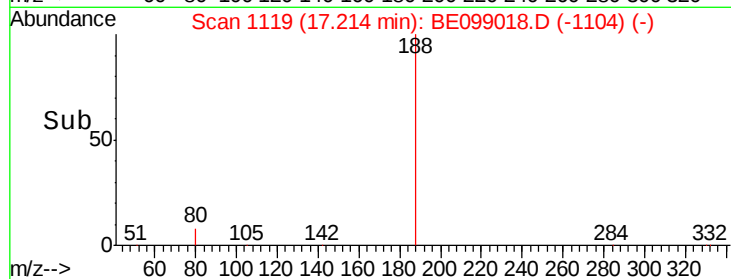
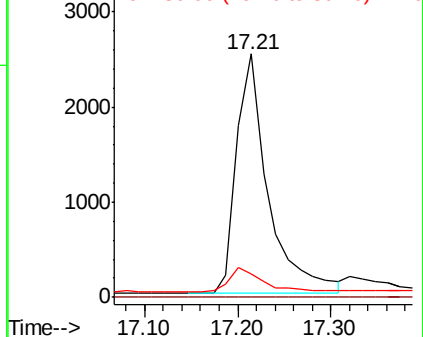
80 9.6 6.3 9.5#



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: 0.268 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

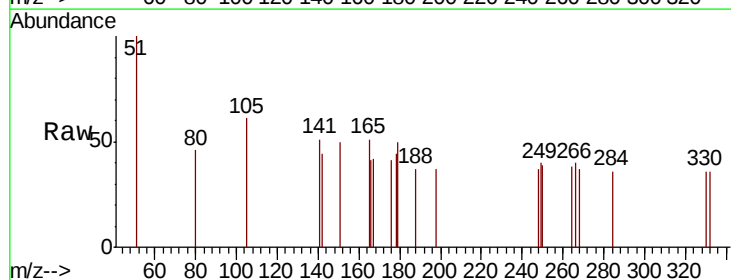
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 95.9 66.6 100.0

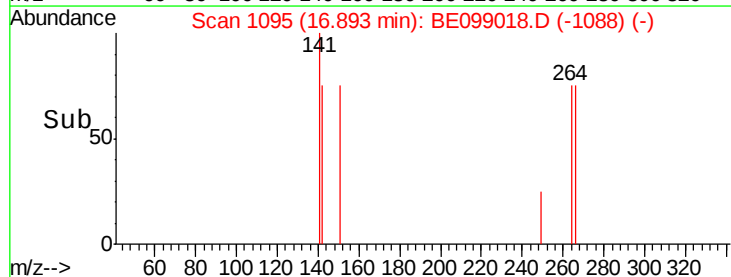
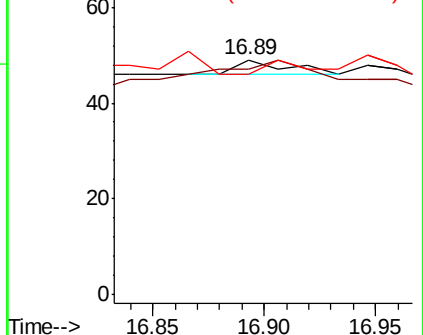
268 93.9 69.8 104.8



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

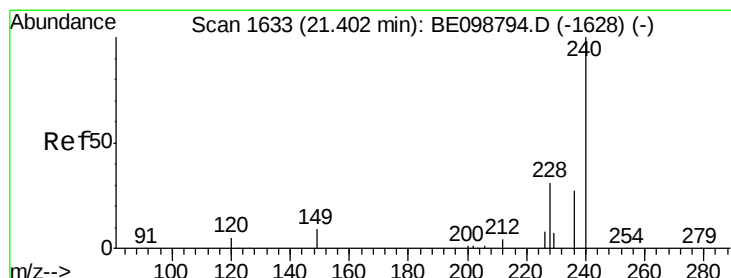
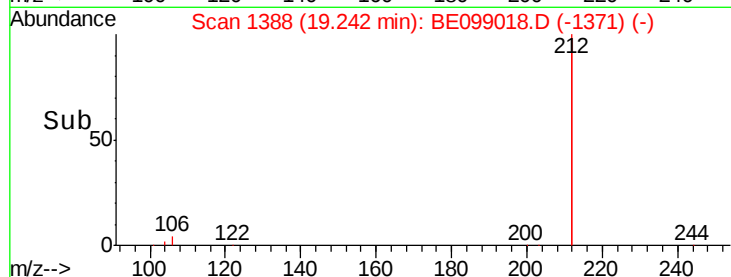
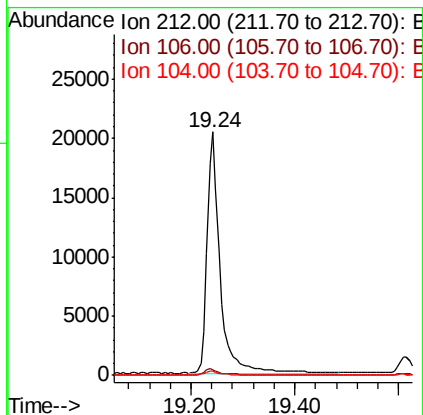
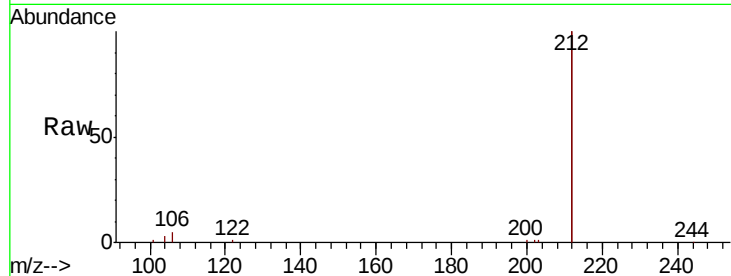




#25
 Fluoranthene-d10
 Concen: 0.374 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099018.D
 Acq: 19 Mar 2019 2:23

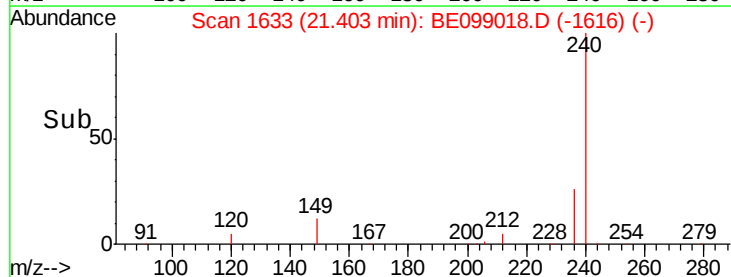
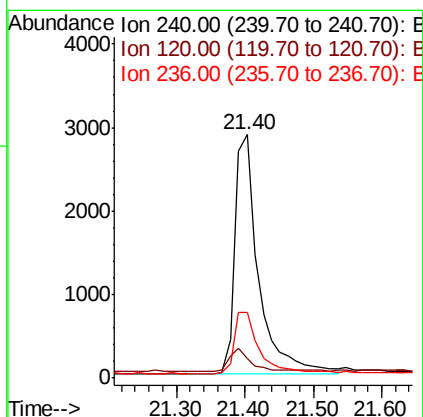
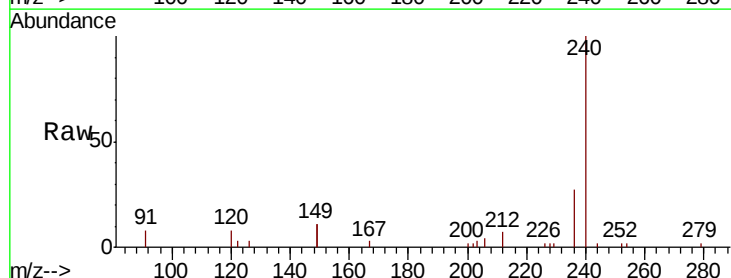
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW2021-20190314

Tgt Ion: 212 Resp: 35255
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.5 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: BE099018.D
 Acq: 19 Mar 2019 2:23

Tgt Ion: 240 Resp: 6926
 Ion Ratio Lower Upper
 240 100
 120 8.1 5.0 7.4#
 236 27.1 22.7 34.1





#29

Terphenyl-d14

Concen: 0.383 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW2021-20190314

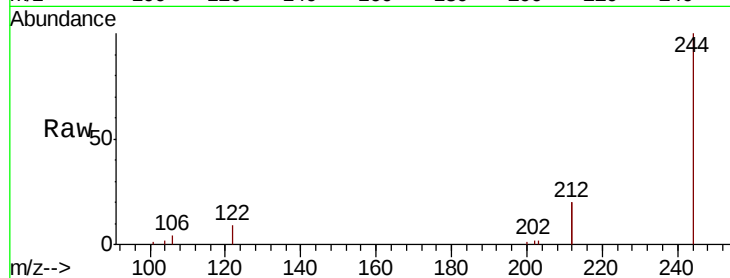
Tgt Ion:244 Resp: 6446

Ion Ratio Lower Upper

244 100

212 39.1 29.4 44.2

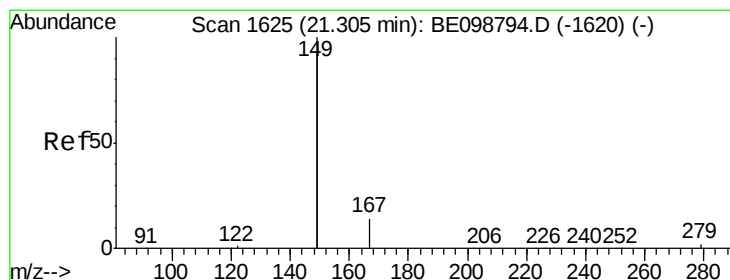
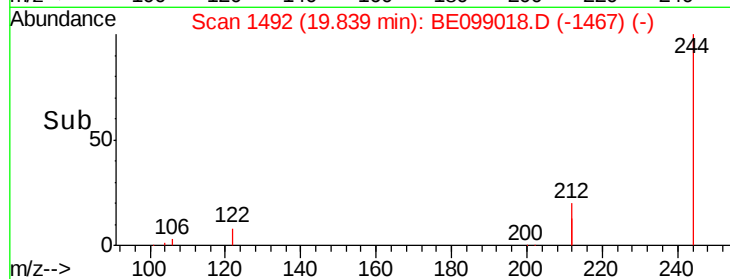
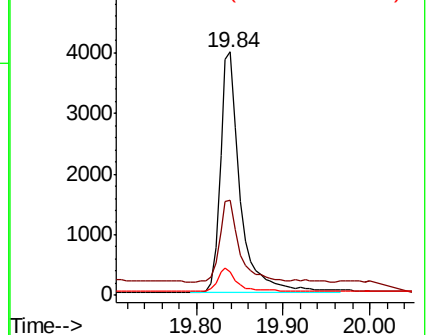
122 9.5 7.1 10.7



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: 0.078 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099018.D

Acq: 19 Mar 2019 2:23

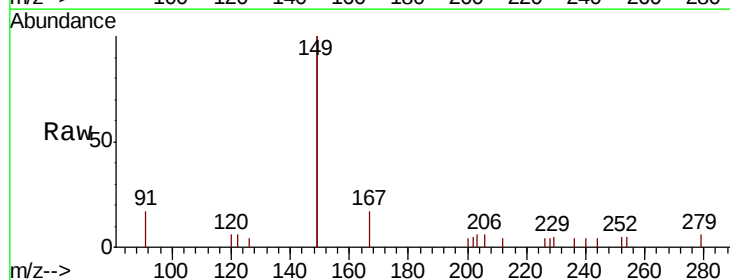
Tgt Ion:149 Resp: 3609

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

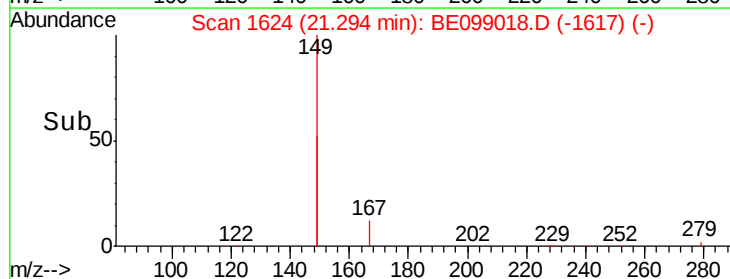
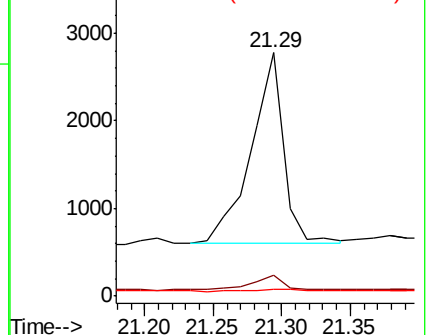
279 2.3 1.0 1.4#



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: BE099018.D
Acq: 19 Mar 2019 2:23

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW2021-20190314

Tgt Ion: 264 Resp: 6360
Ion Ratio Lower Upper
264 100
260 26.0 21.2 31.8
265 29.3 24.6 36.8

