

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099832.D
 Acq On : 6 Jun 2019 21:26
 Operator : JU/SJ
 Sample : K3190-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20190604

Quant Time: Jun 07 02:07:50 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 05 14:35:58 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1609	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5589	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4174	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	12852	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16912	0.40	ng	0.00
34) Perylene-d12	23.94	264	19867	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	804	0.21	ng	0.01
5) Phenol-d6	6.98	99	567	0.11	ng	0.01
8) Nitrobenzene-d5	8.98	82	1887	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	3432	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1007	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	5825	0.38	ng	0.00
25) Fluoranthene-d10	19.26	212	66358	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	16604	0.60	ng	0.00

Target Compounds

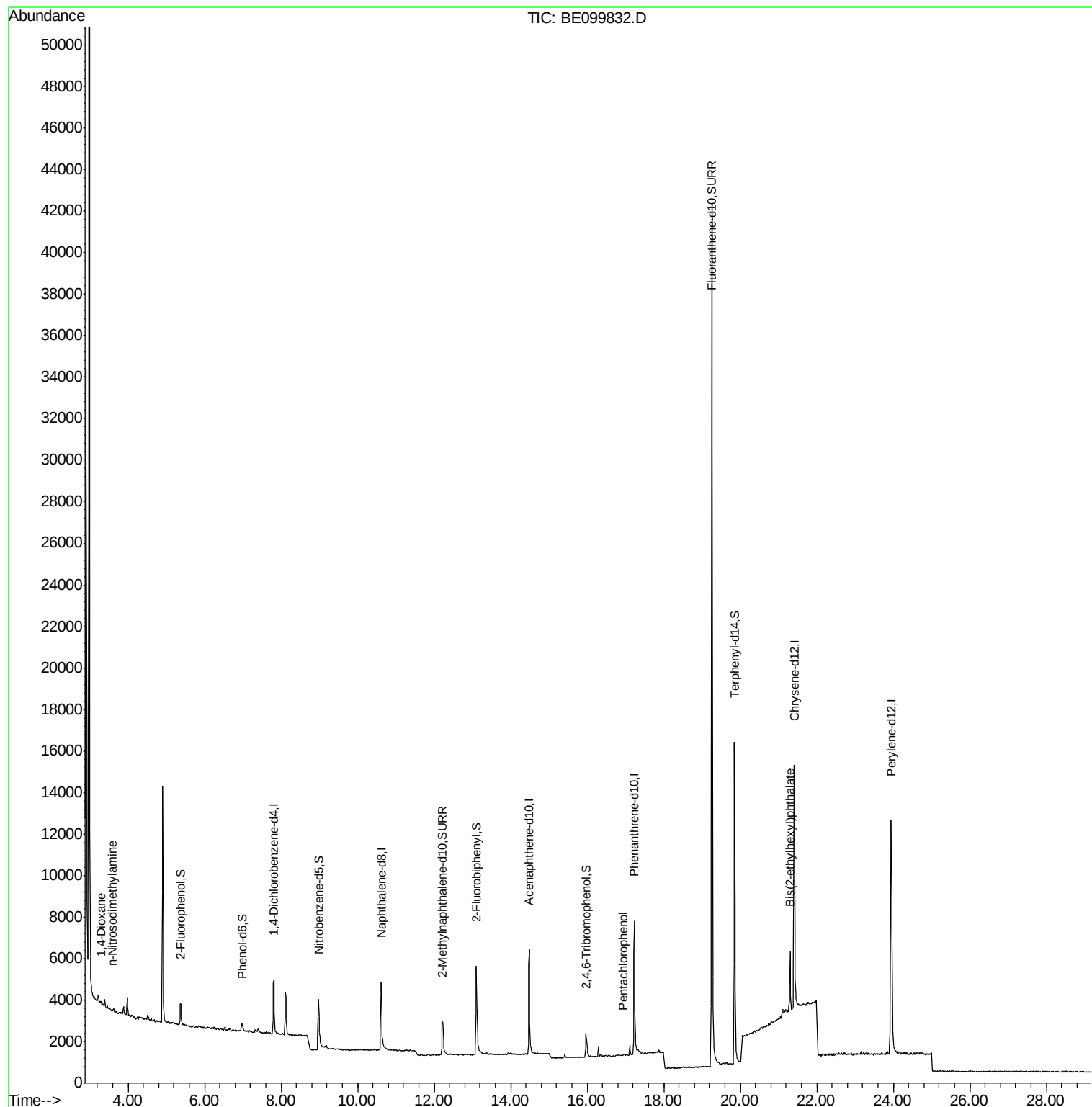
					Qvalue
2) 1,4-Dioxane	3.29	88	98	0.042 ng	# 39
3) n-Nitrosodimethylamine	3.59	42	50	0.040 ng	# 1
22) Pentachlorophenol	16.95	266	17	0.286 ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.31	149	3880	0.072 ng	# 97

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

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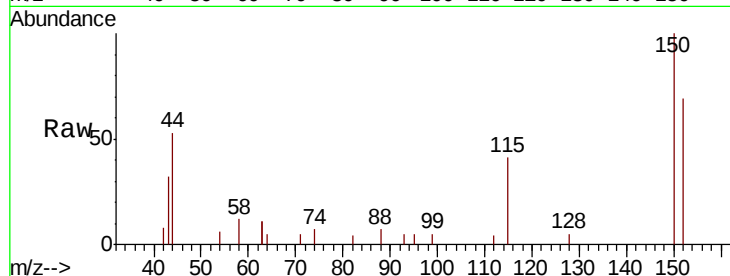


#1

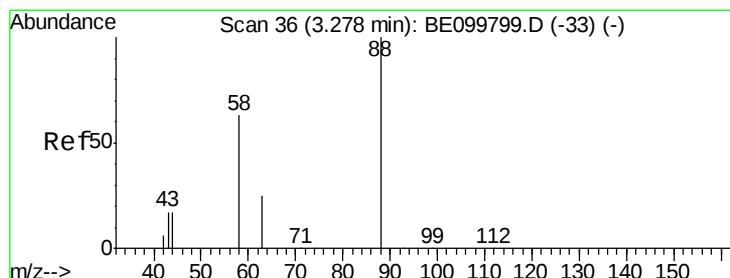
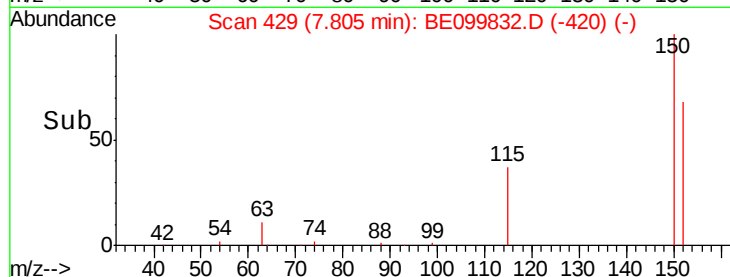
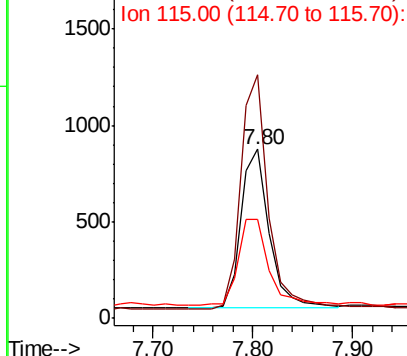
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099832.D
Acq: 6 Jun 2019 21:26

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306S-20190604

Tgt Ion: 152 Resp: 1609
Ion Ratio Lower Upper
152 100
150 144.2 112.8 169.2
115 58.7 47.6 71.4



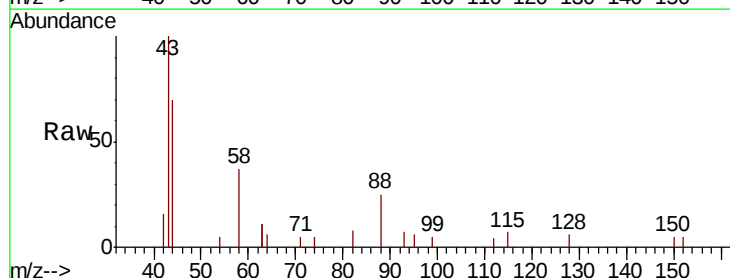
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



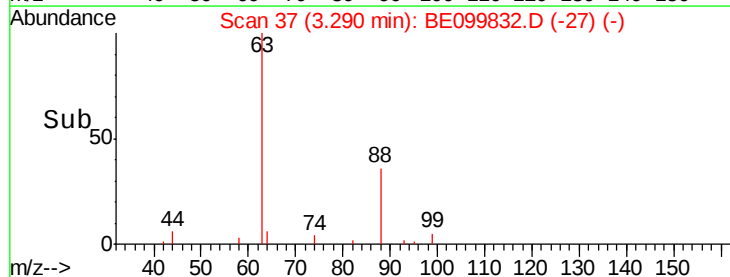
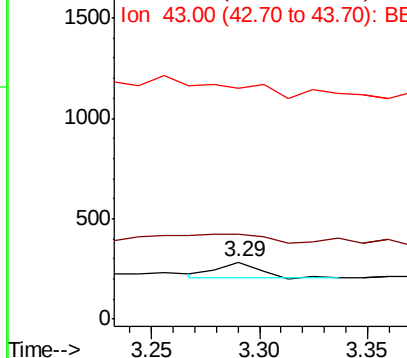
#2

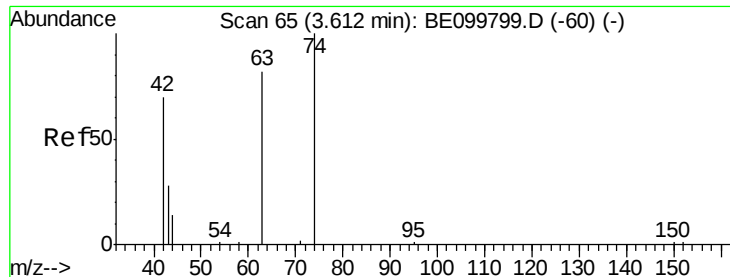
1,4-Dioxane
Concen: 0.042 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099832.D
Acq: 6 Jun 2019 21:26

Tgt Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
58 109.2 47.3 70.9#
43 0.0 18.2 27.4#



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





#3

n-Nitrosodimethylamine

Concen: 0.040 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE099832.D

Acq: 6 Jun 2019 21:26

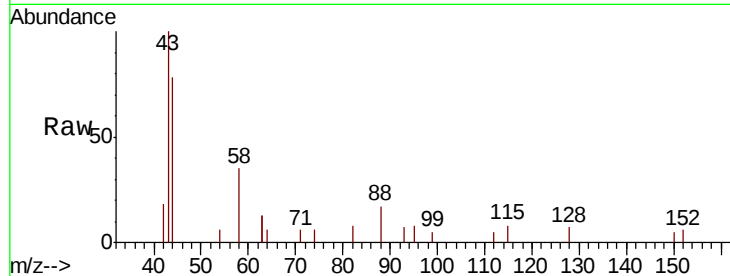
Instrument :

BNA_E

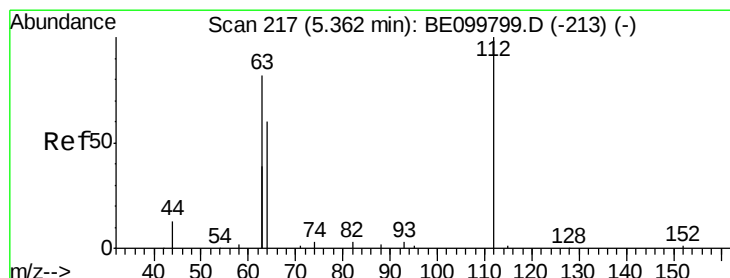
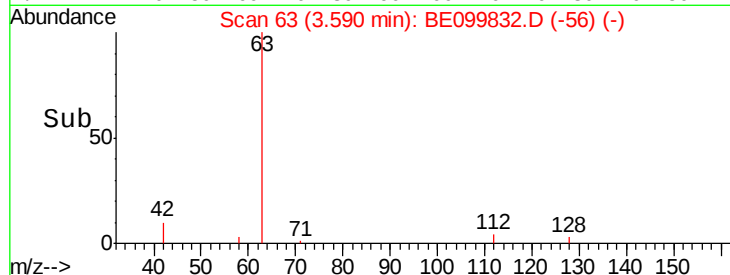
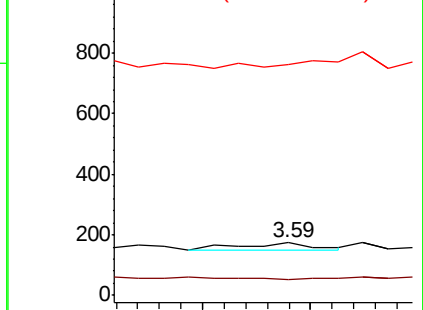
ClientSampleId :

BPS1-TT-MW306S-20190604

Tgt Ion:	42	Resp:	50
Ion	Ratio	Lower	Upper
42	100		
74	0.0	132.6	198.8#
44	0.0	13.4	20.0#



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: 0.205 ng

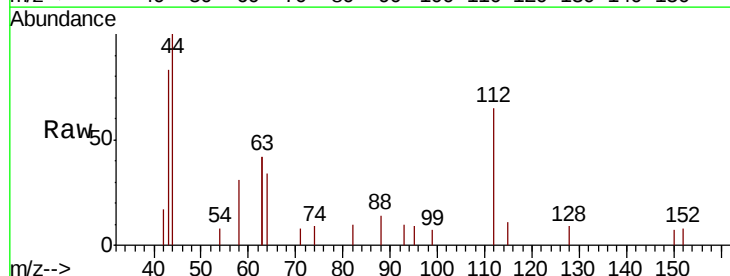
RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

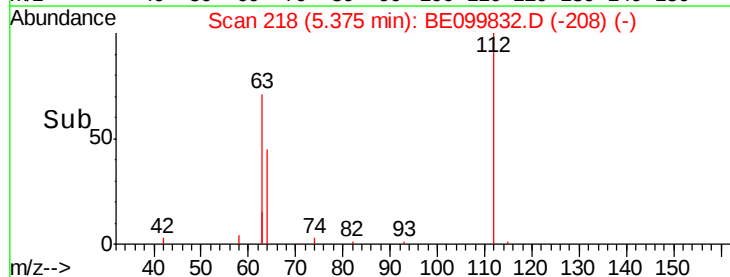
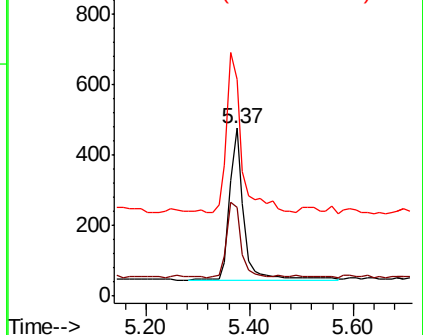
Lab File: BE099832.D

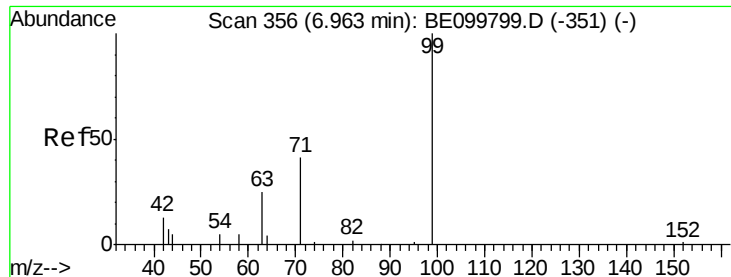
Acq: 6 Jun 2019 21:26

Tgt Ion:	112	Resp:	804
Ion	Ratio	Lower	Upper
112	100		
64	51.6	47.2	70.8
63	113.3	90.7	136.1



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: 0.113 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099832.D

Acq: 6 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20190604

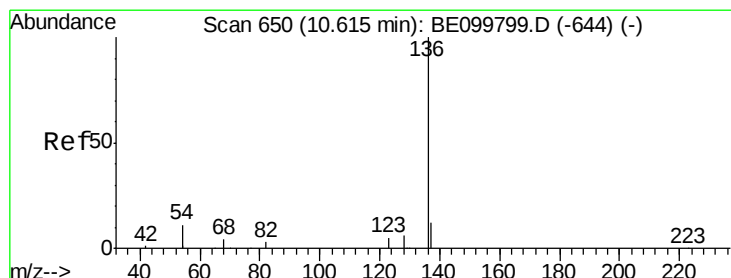
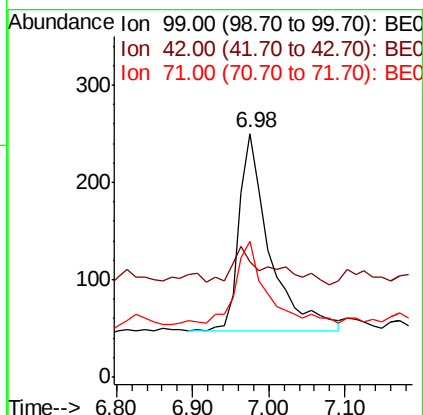
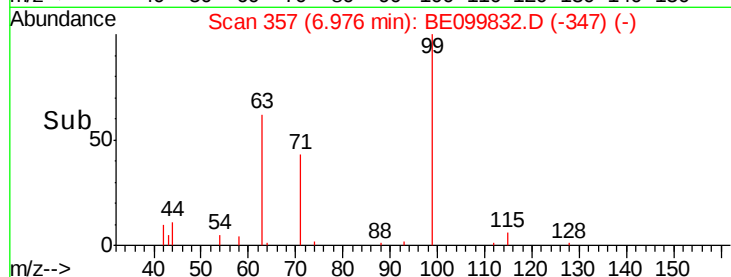
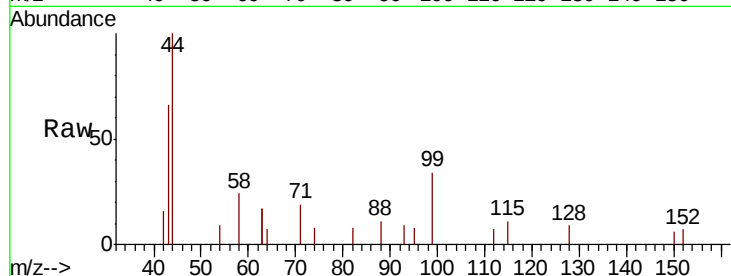
Tgt Ion: 99 Resp: 567

Ion Ratio Lower Upper

99 100

42 23.8 11.0 16.4#

71 39.0 26.1 39.1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099832.D

Acq: 6 Jun 2019 21:26

Tgt Ion: 136 Resp: 5589

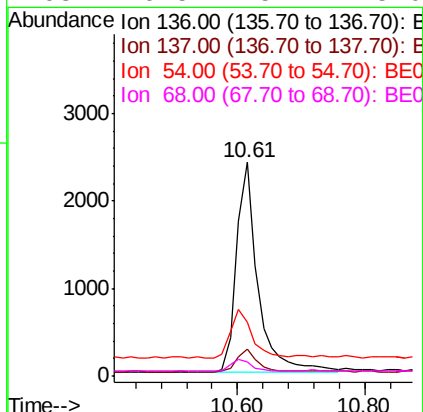
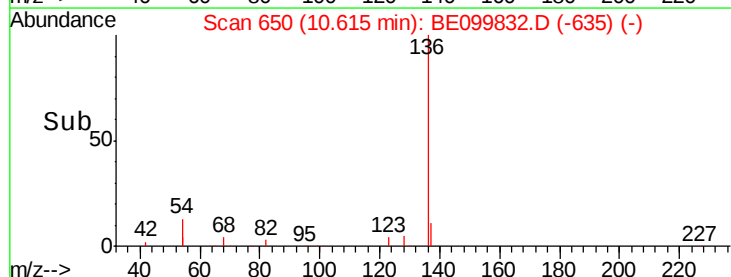
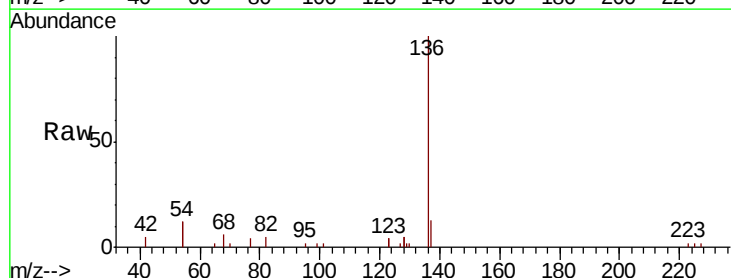
Ion Ratio Lower Upper

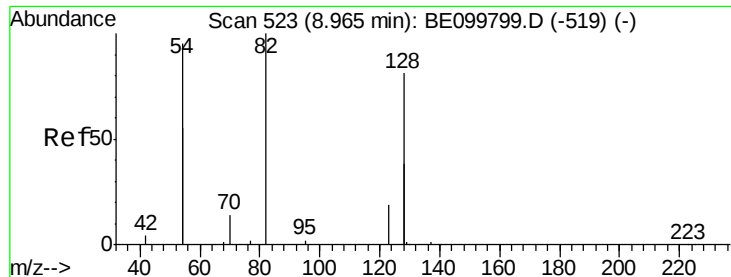
136 100

137 12.8 11.1 16.7

54 24.9 17.9 26.9

68 6.5 5.4 8.0





#8

Nitrobenzene-d5

Concen: 0.384 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099832.D

Acq: 6 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20190604

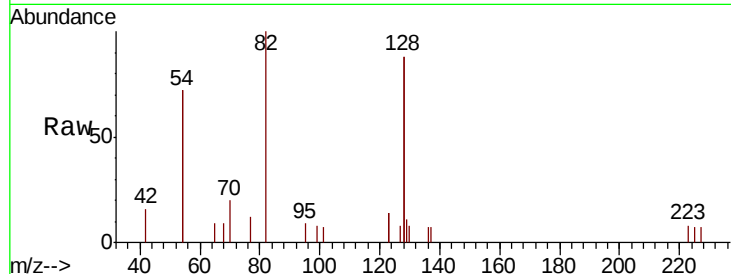
Tgt Ion: 82 Resp: 1887

Ion Ratio Lower Upper

82 100

128 175.1 116.6 175.0#

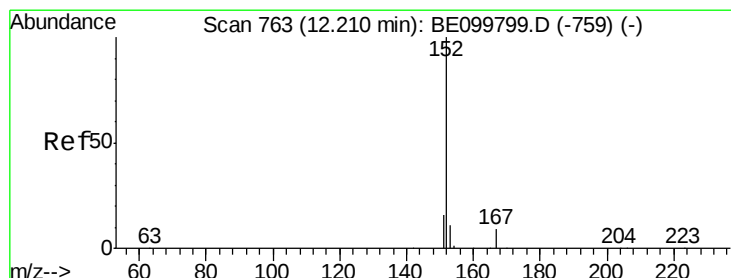
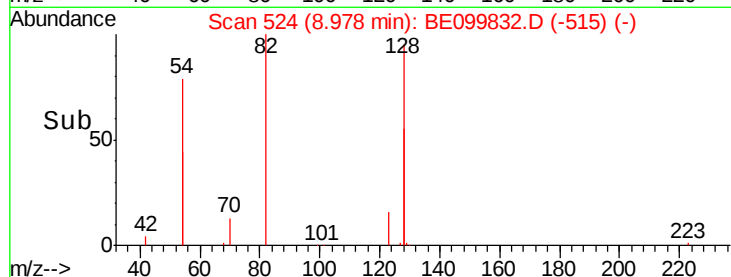
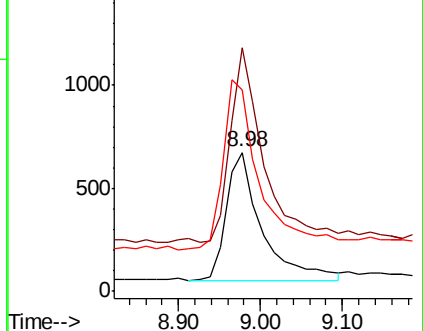
54 144.9 136.2 204.4



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: 0.358 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099832.D

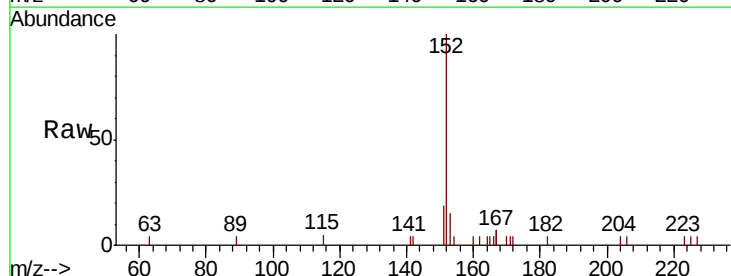
Acq: 6 Jun 2019 21:26

Tgt Ion: 152 Resp: 3432

Ion Ratio Lower Upper

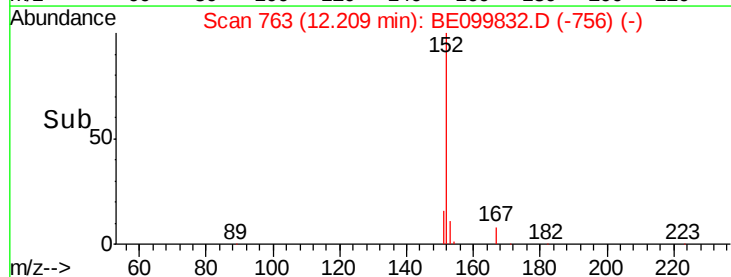
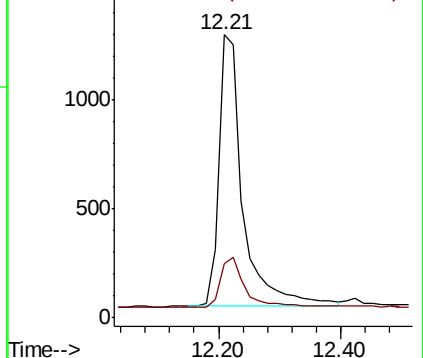
152 100

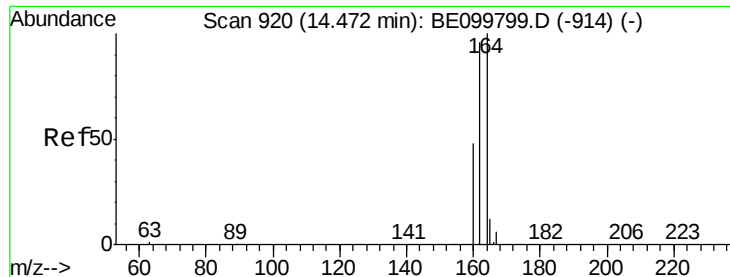
151 19.3 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

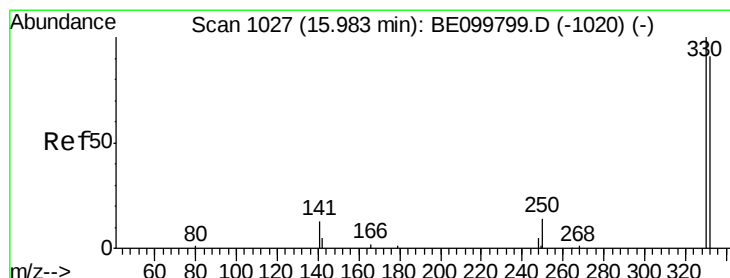
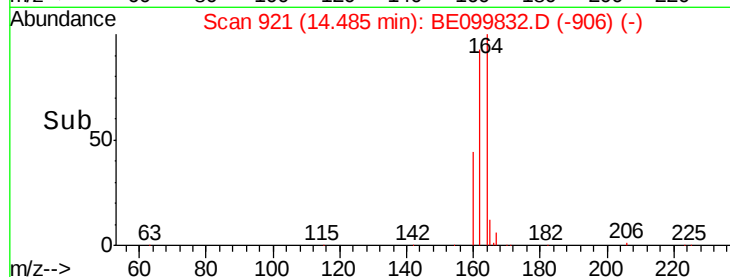
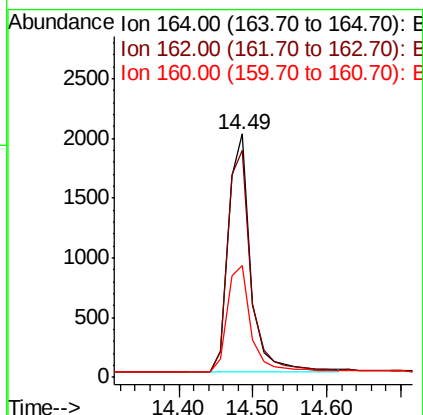
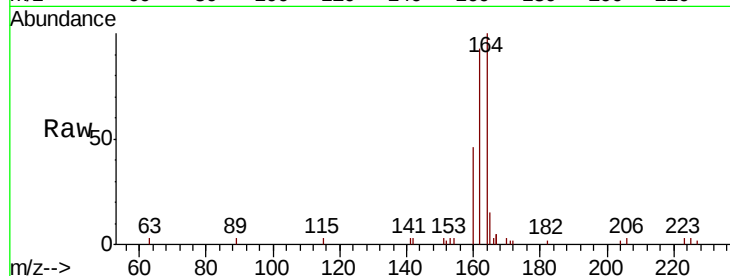




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099832.D
 Acq: 6 Jun 2019 21:26

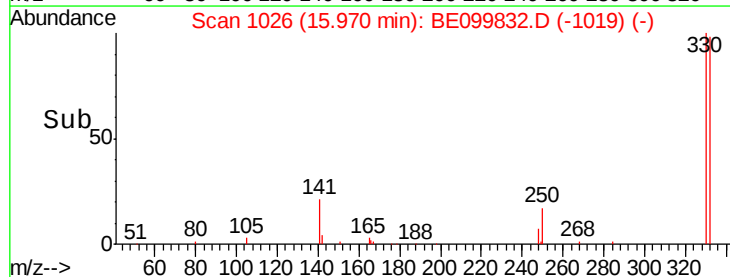
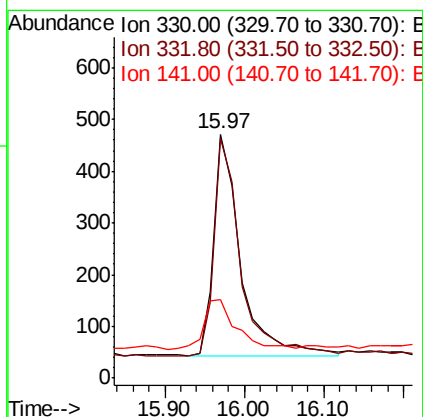
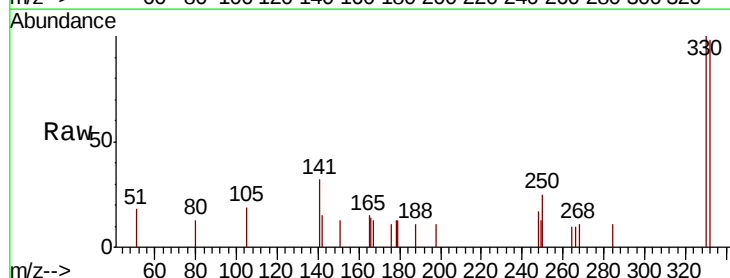
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 BPS1-TT-MW306S-20190604

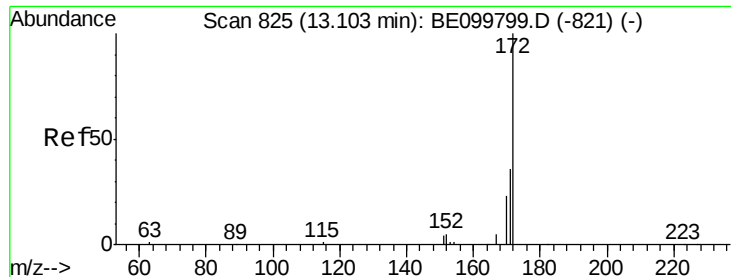
Tgt Ion:164 Resp: 4174
 Ion Ratio Lower Upper
 164 100
 162 93.5 77.2 115.8
 160 45.7 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.449 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099832.D
 Acq: 6 Jun 2019 21:26

Tgt Ion:330 Resp: 1007
 Ion Ratio Lower Upper
 330 100
 332 98.1 74.9 112.3
 141 24.8 16.0 24.0#

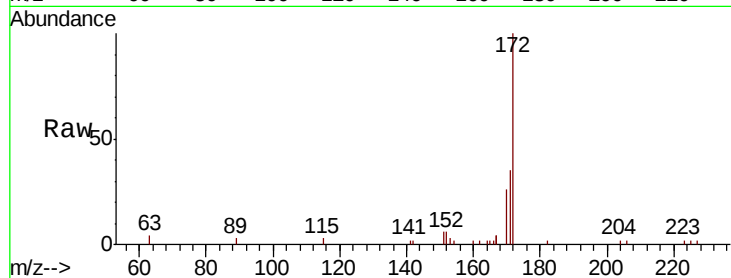




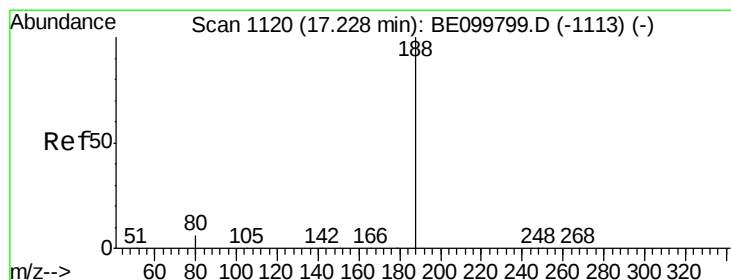
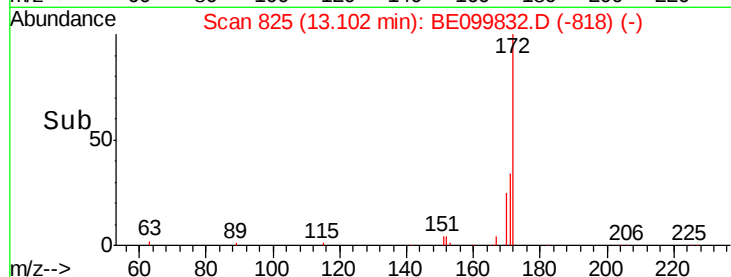
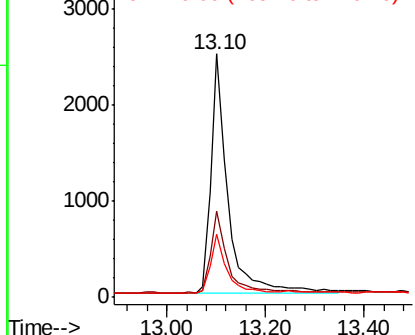
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099832.D
Acq: 6 Jun 2019 21:26

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306S-20190604

Tgt Ion:172 Resp: 5825
Ion Ratio Lower Upper
172 100
171 35.5 30.2 45.4
170 26.1 20.1 30.1

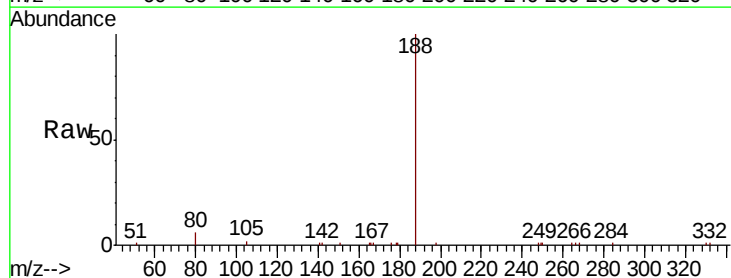


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

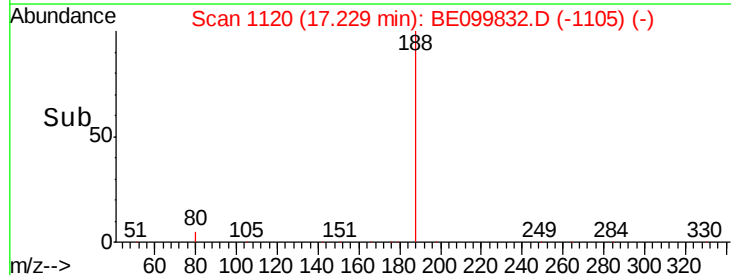
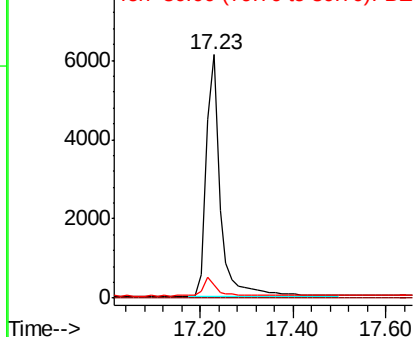


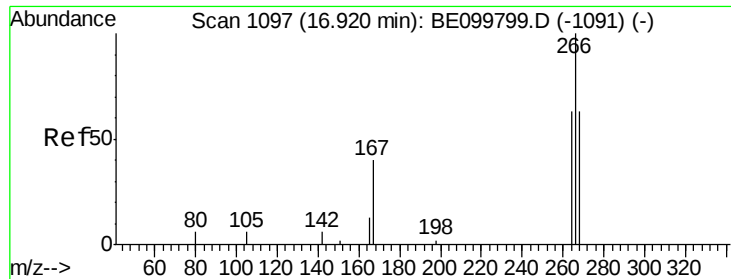
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099832.D
Acq: 6 Jun 2019 21:26

Tgt Ion:188 Resp: 12852
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.6 5.2 7.8



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

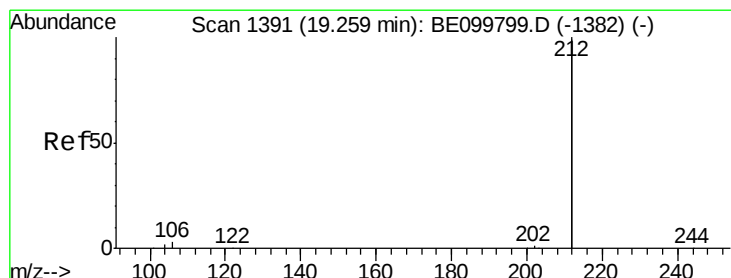
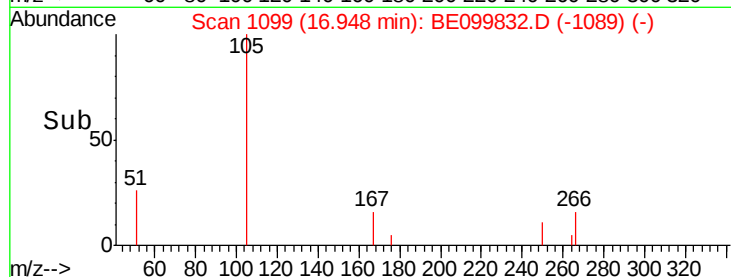
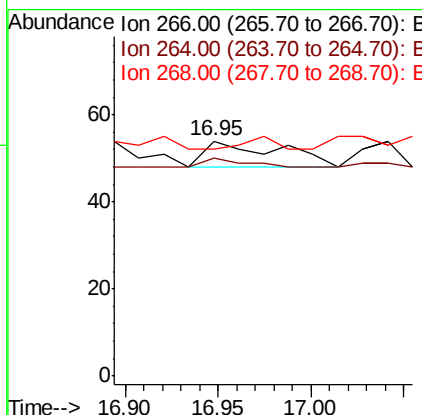
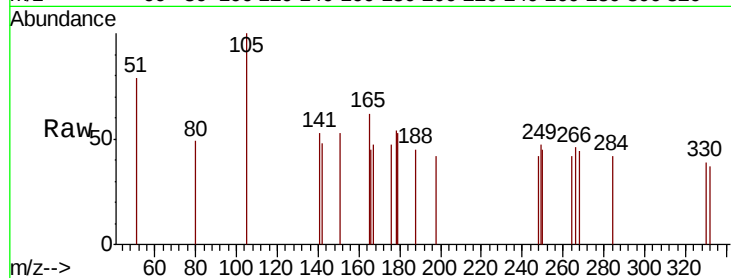




#22
 Pentachlorophenol
 Concen: 0.286 ng
 RT: 16.95 min Scan# 1099
 Delta R.T. 0.03 min
 Lab File: BE099832.D
 Acq: 6 Jun 2019 21:26

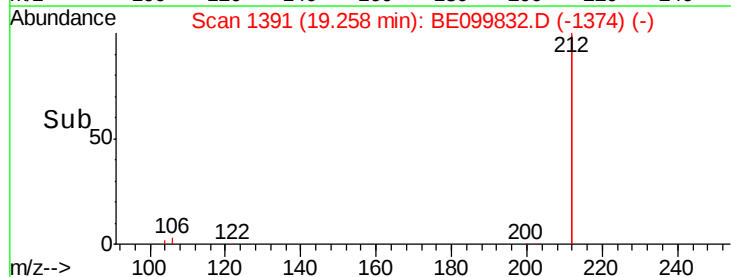
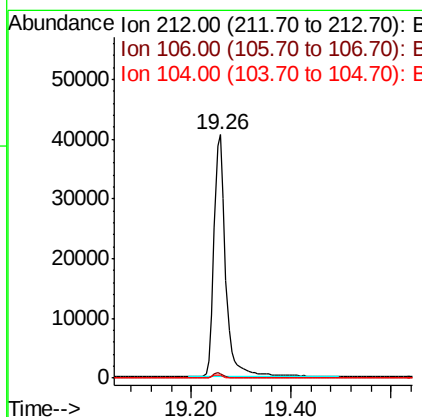
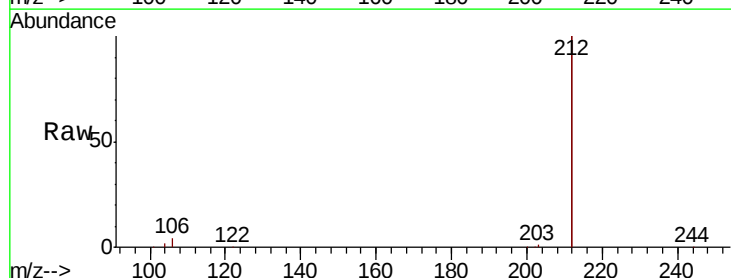
Instrument :
 BNA_E
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 BPS1-TT-MW306S-20190604

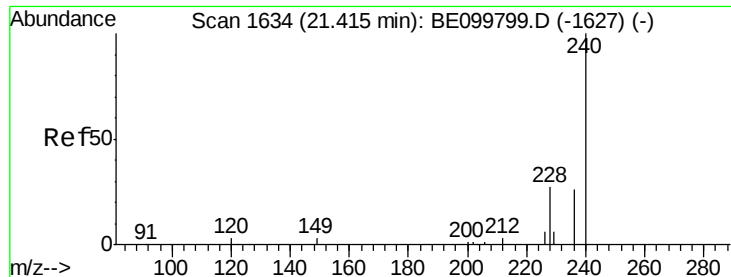
Tgt Ion: 266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 92.6 64.9 97.3
 268 96.3 64.0 96.0#



#25
 Fluoranthene-d10
 Concen: 0.347 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BE099832.D
 Acq: 6 Jun 2019 21:26

Tgt Ion: 212 Resp: 66358
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.1 0.8 1.2

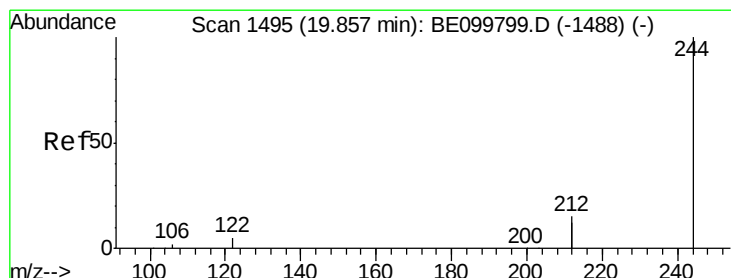
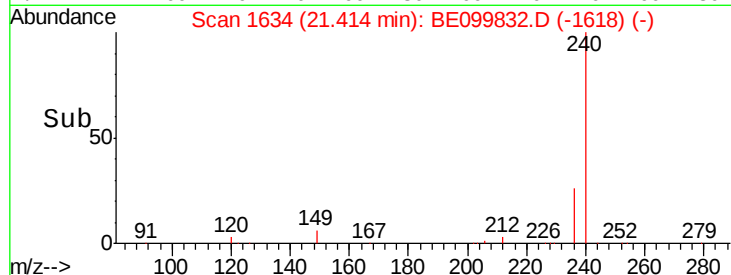
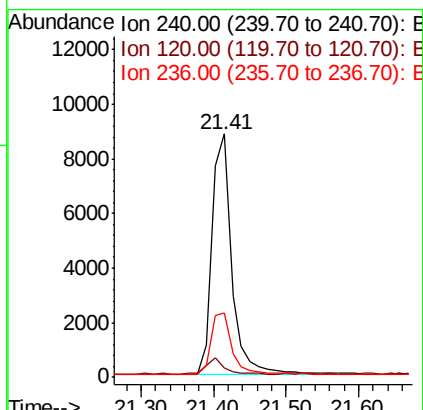
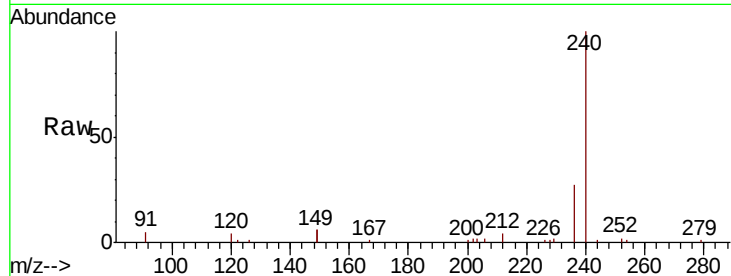




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099832.D
 Acq: 6 Jun 2019 21:26

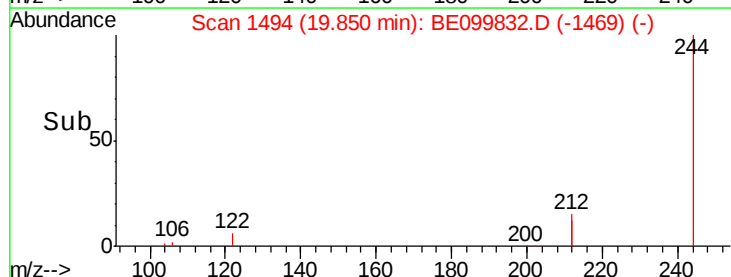
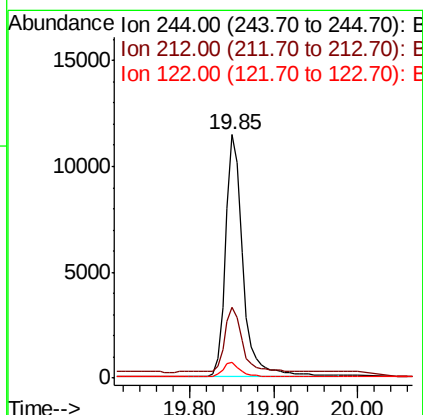
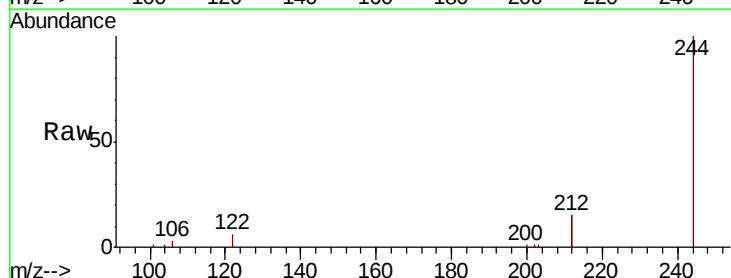
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20190604

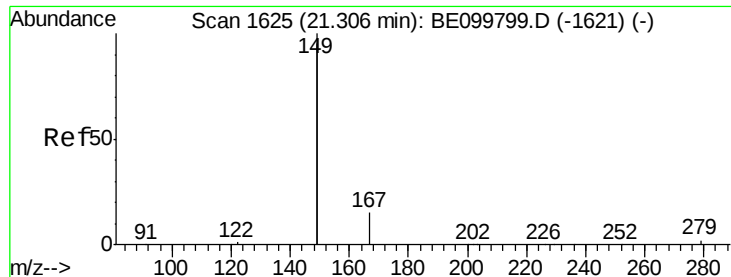
Tgt Ion:240 Resp: 16912
 Ion Ratio Lower Upper
 240 100
 120 3.9 2.8 4.2
 236 26.5 20.9 31.3



#29
 Terphenyl-d14
 Concen: 0.599 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BE099832.D
 Acq: 6 Jun 2019 21:26

Tgt Ion:244 Resp: 16604
 Ion Ratio Lower Upper
 244 100
 212 29.1 23.7 35.5
 122 6.3 4.8 7.2

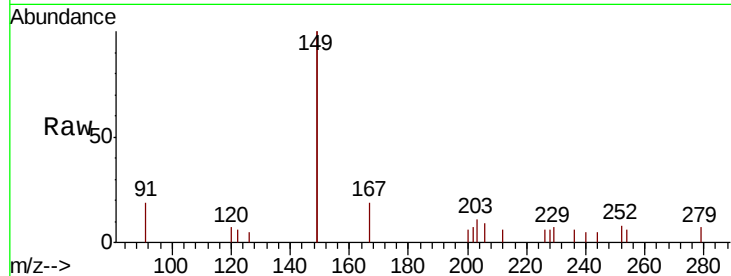




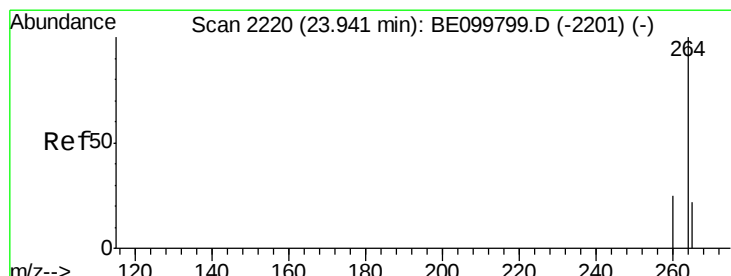
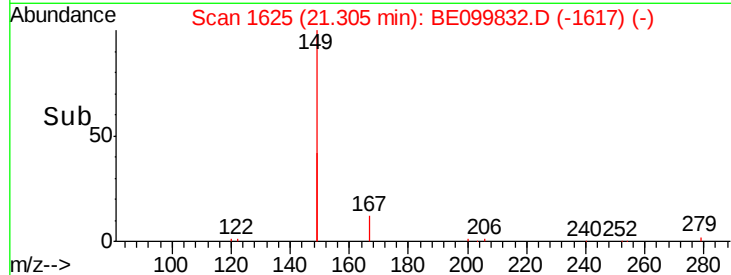
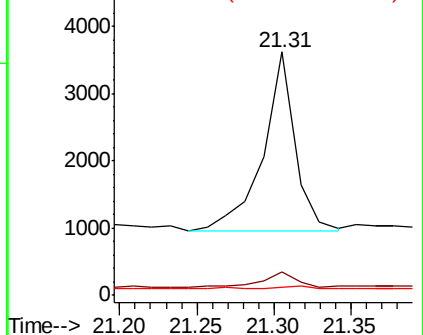
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE099832.D
 Acq: 6 Jun 2019 21:26

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20190604

Tgt Ion:149 Resp: 3880
 Ion Ratio Lower Upper
 149 100
 167 8.6 6.0 9.0
 279 1.9 1.2 1.8#

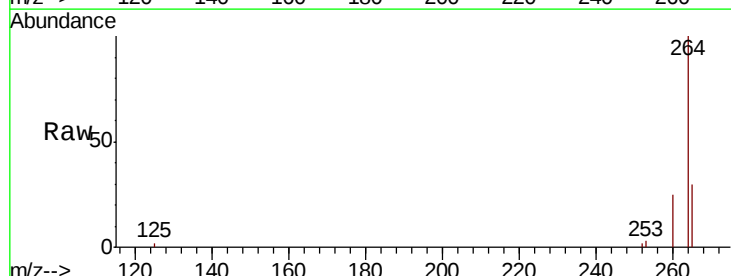


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BE099832.D
 Acq: 6 Jun 2019 21:26

Tgt Ion:264 Resp: 19867
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.0 30.0
 265 29.7 20.7 31.1



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

