

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099997.D
 Acq On : 13 Jun 2019 19:35
 Operator : JU/SJ
 Sample : K3279-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20190607

Quant Time: Jun 14 03:26:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

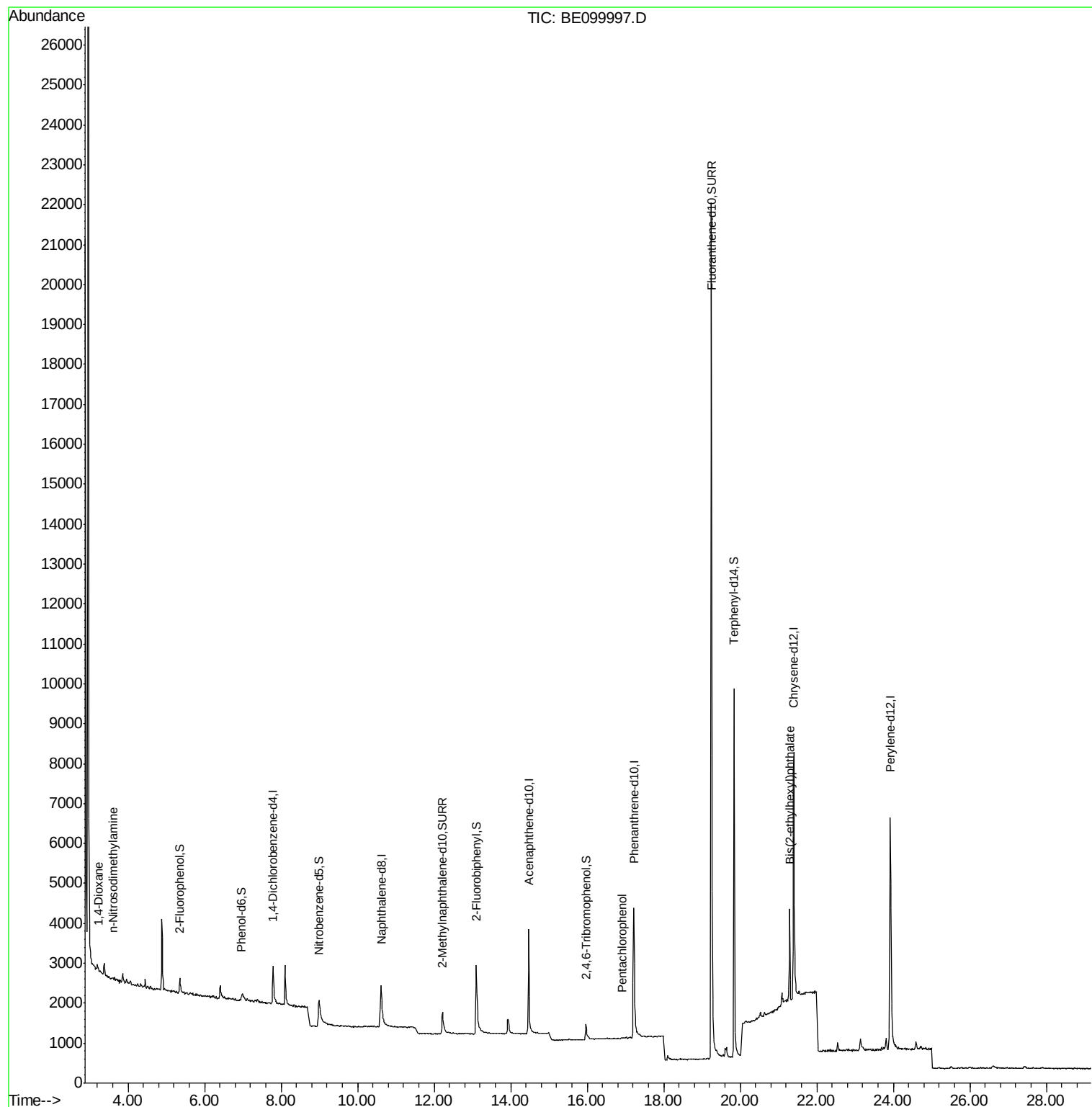
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	661	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2374	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1993	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6745	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9171	0.40	ng	0.00
34) Perylene-d12	23.92	264	10679	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	289	0.16	ng	0.00
5) Phenol-d6	6.97	99	204	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	836	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1533	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	436	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3068	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	34898	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	9793	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.23	88	36	0.037	ng	# 29
3) n-Nitrosodimethylamine	3.62	42	23	0.041	ng	# 100
22) Pentachlorophenol	16.92	266	4	0.302	ng	84
32) Bis(2-ethylhexyl)phthalate	21.29	149	2971	0.076	ng	# 99

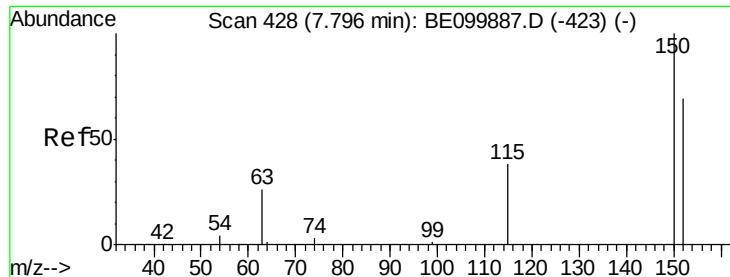
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



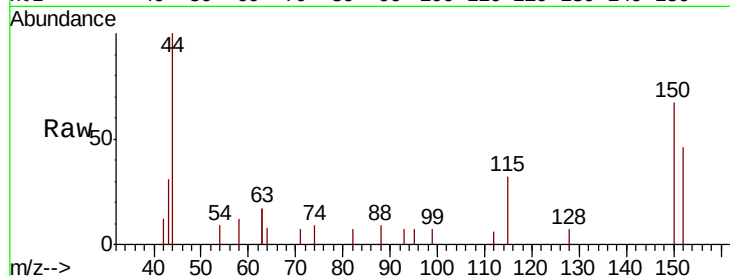


#1

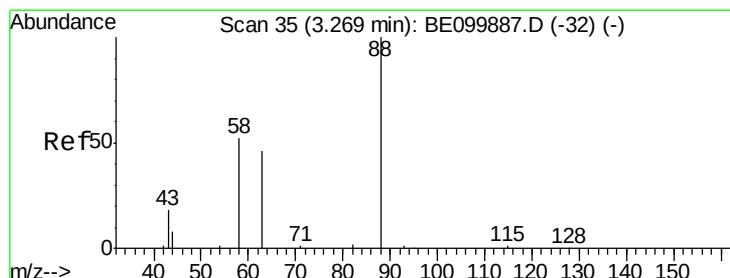
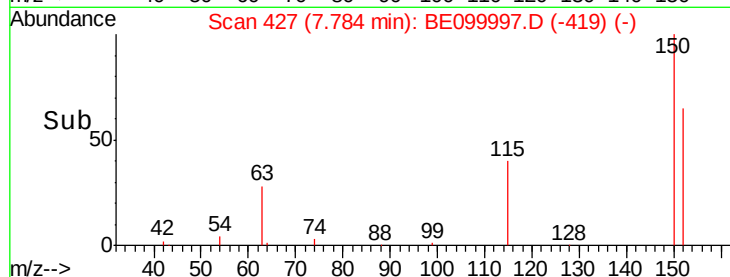
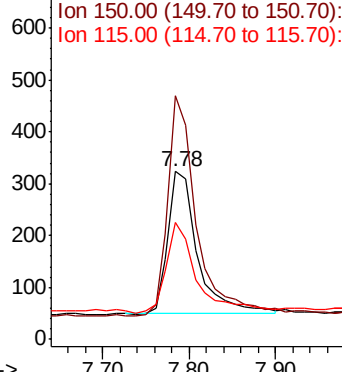
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099997.D
Acq: 13 Jun 2019 19:35

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307S-20190607

Tgt Ion: 152 Resp: 661
Ion Ratio Lower Upper
152 100
150 145.2 111.0 166.6
115 70.0 50.7 76.1



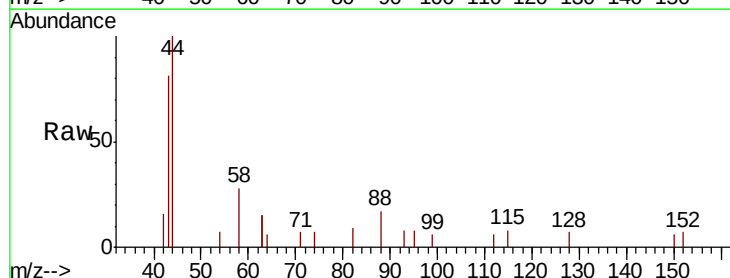
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



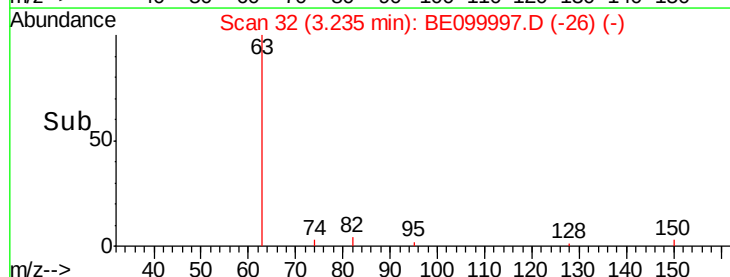
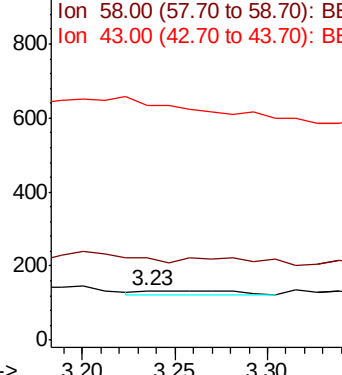
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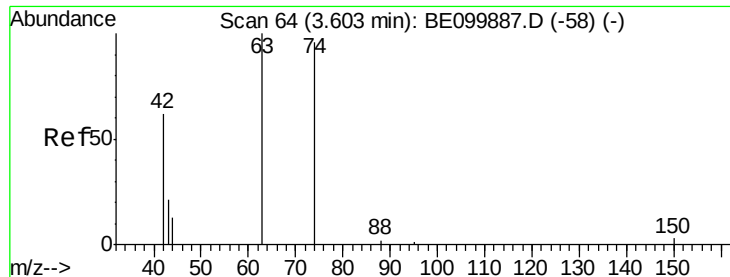
1,4-Dioxane
Concen: 0.037 ng
RT: 3.23 min Scan# 32
Delta R.T. -0.03 min
Lab File: BE099997.D
Acq: 13 Jun 2019 19:35

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
58 0.0 48.8 73.2#
43 0.0 19.0 28.6#



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



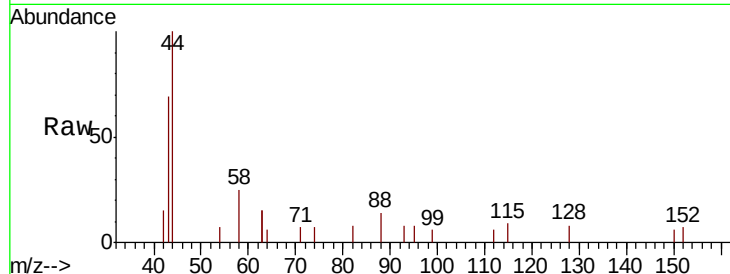


#3

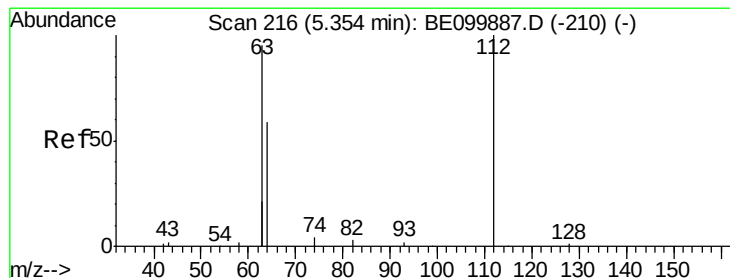
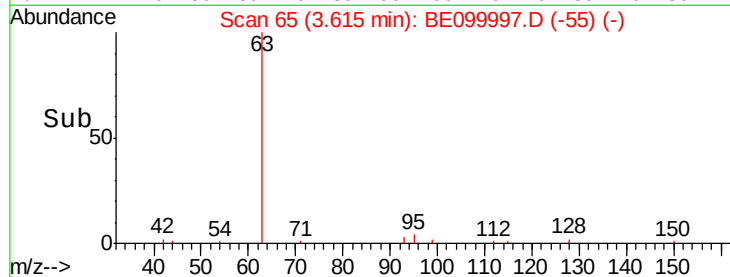
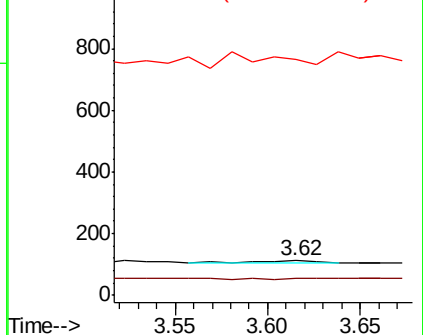
n-Nitrosodimethylamine
 Concen: 0.041 ng
 RT: 3.62 min Scan# 65
 Delta R.T. 0.01 min
 Lab File: BE099997.D
 Acq: 13 Jun 2019 19:35

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20190607

Tgt Ion:	42	Resp:	23
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



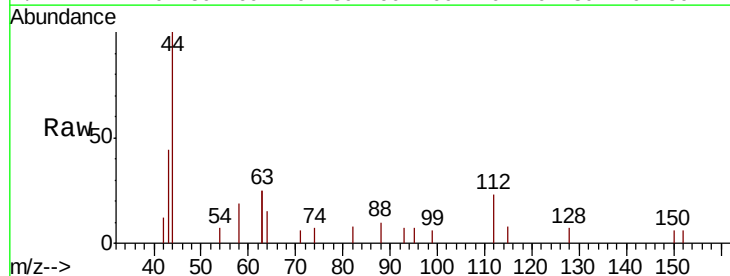
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



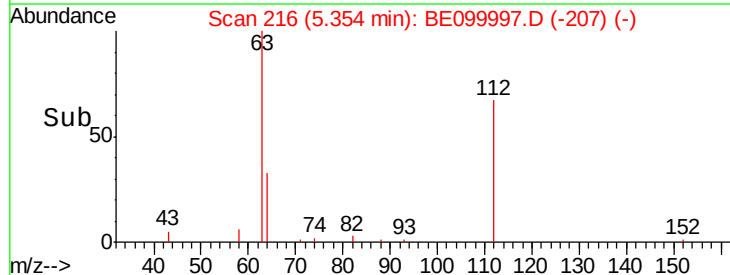
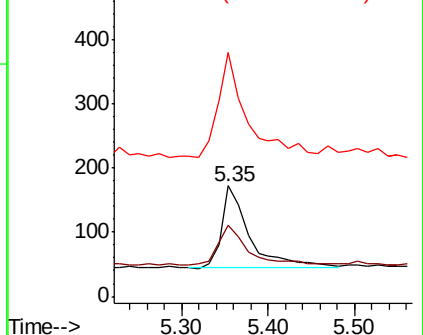
#4

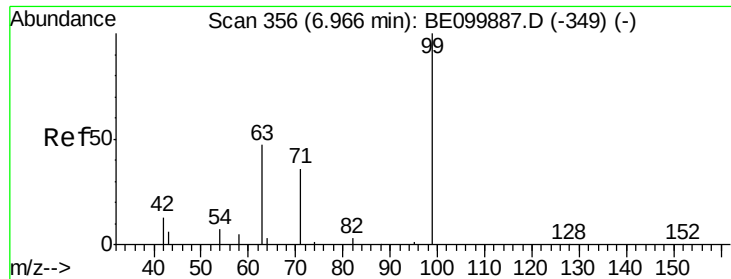
2-Fluorophenol
 Concen: 0.162 ng
 RT: 5.35 min Scan# 216
 Delta R.T. 0.00 min
 Lab File: BE099997.D
 Acq: 13 Jun 2019 19:35

Tgt Ion:	112	Resp:	289
Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.1	66.1
63	128.7	87.8	131.6



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: 0.089 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099997.D

Acq: 13 Jun 2019 19:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20190607

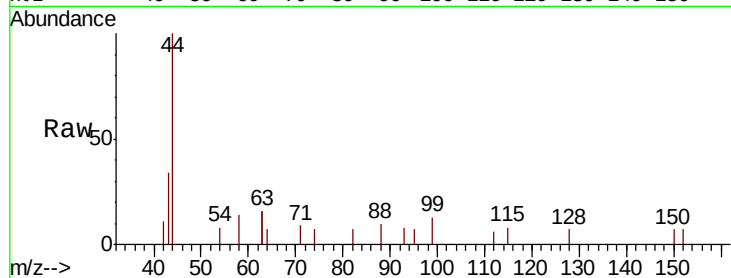
Tgt Ion: 99 Resp: 204

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 38.7 34.6 52.0



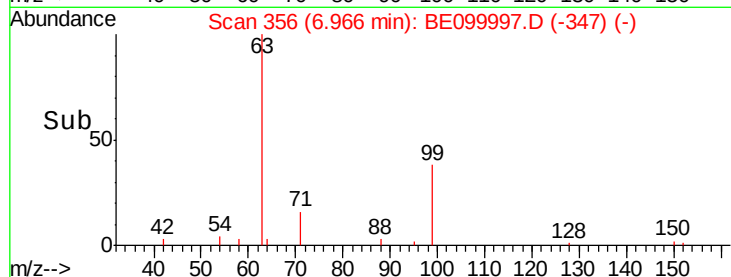
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

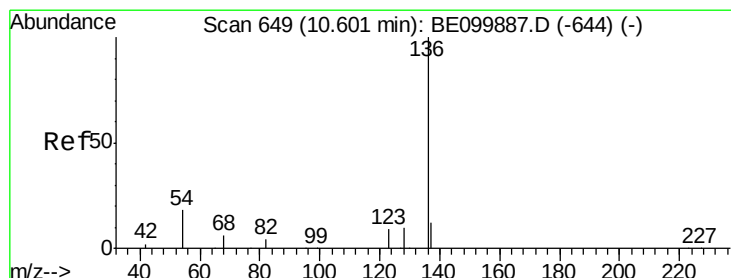
Ion 71.00 (70.70 to 71.70): BE0

6.97

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099997.D

Acq: 13 Jun 2019 19:35

Tgt Ion: 136 Resp: 2374

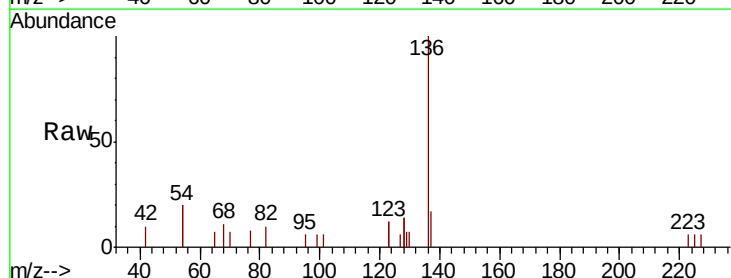
Ion Ratio Lower Upper

136 100

137 16.8 12.3 18.5

54 40.8 28.2 42.4

68 10.9 7.8 11.8



Abundance Ion 136.00 (135.70 to 136.70): E

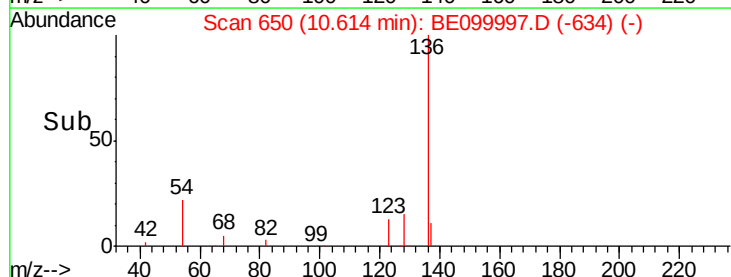
Ion 137.00 (136.70 to 137.70): E

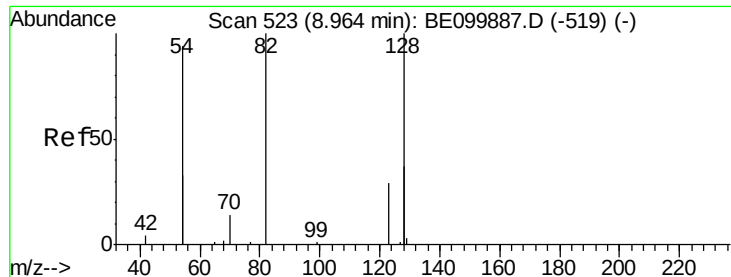
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.61

Time-->





#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099997.D

Acq: 13 Jun 2019 19:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20190607

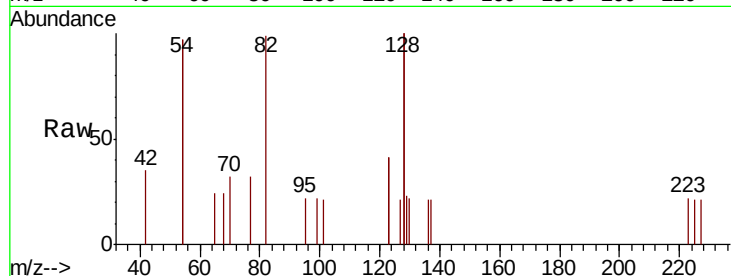
Tgt Ion: 82 Resp: 836

Ion Ratio Lower Upper

82 100

128 201.9 137.3 205.9

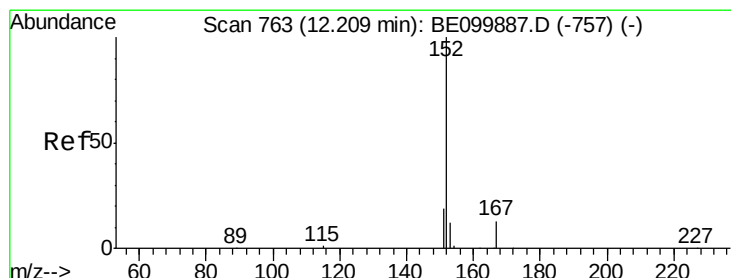
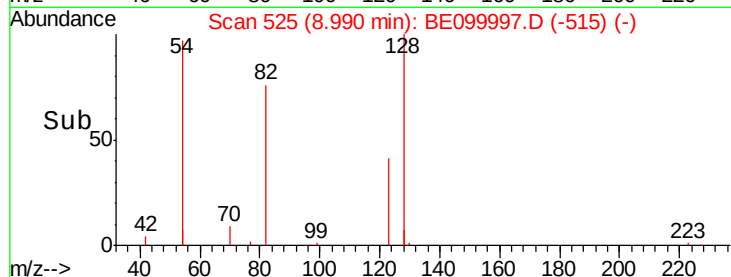
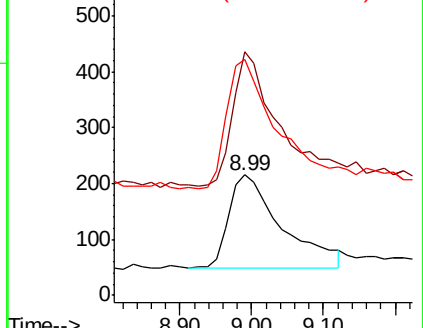
54 195.4 129.7 194.5#



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: 0.370 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099997.D

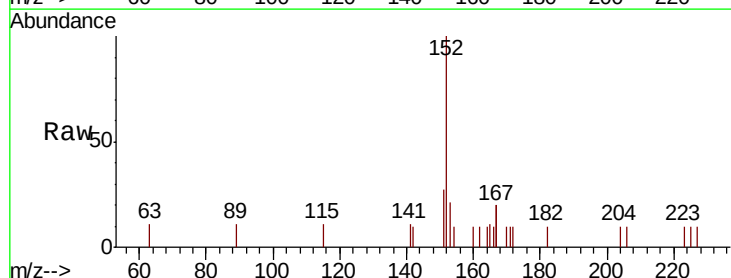
Acq: 13 Jun 2019 19:35

Tgt Ion: 152 Resp: 1533

Ion Ratio Lower Upper

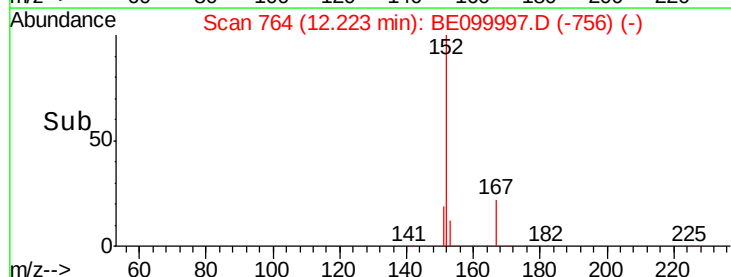
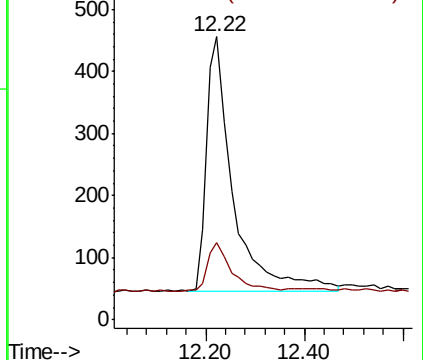
152 100

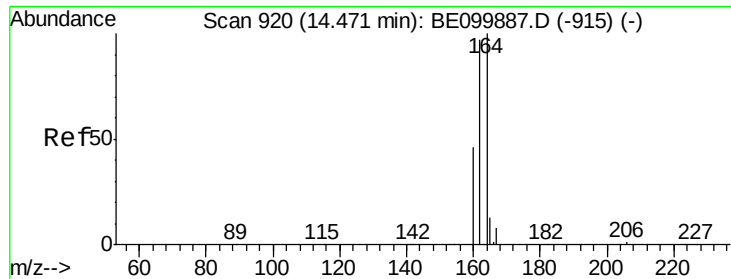
151 17.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

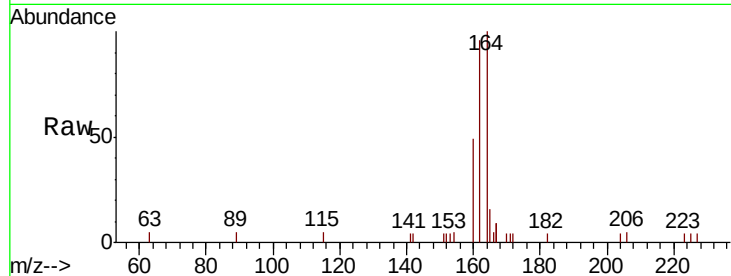




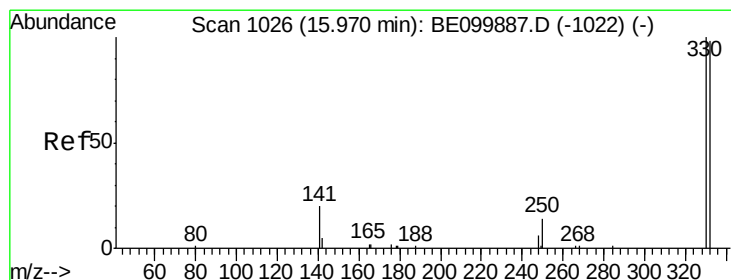
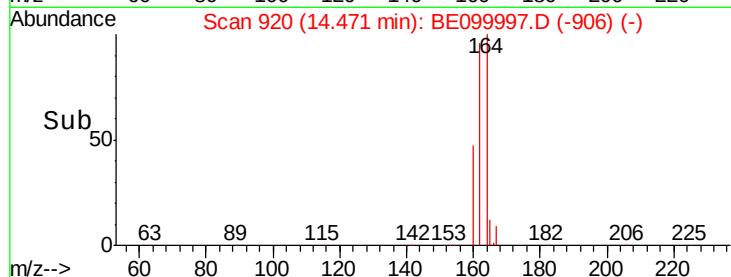
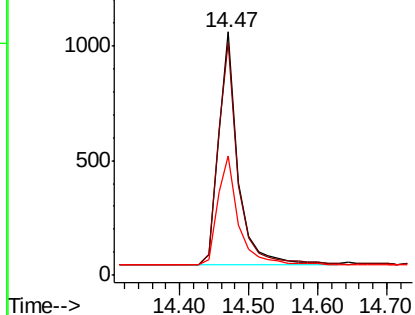
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE099997.D
 Acq: 13 Jun 2019 19:35

Instrument :
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 ClientSampleId :
 BPS1-TT-MW307S-20190607

Tgt Ion:164 Resp: 1993
 Ion Ratio Lower Upper
 164 100
 162 95.8 77.8 116.8
 160 48.9 38.2 57.4

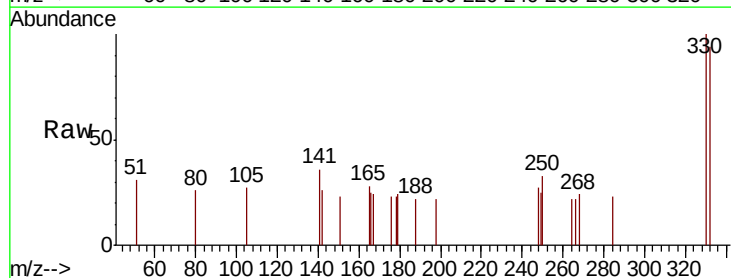


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

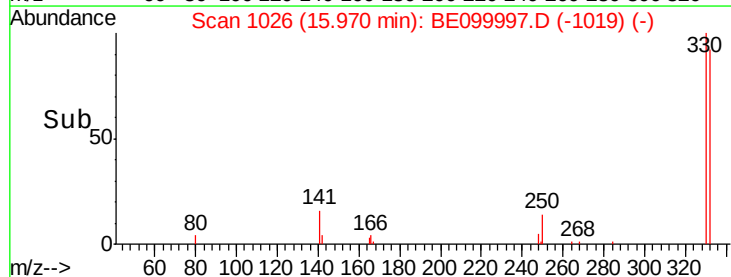
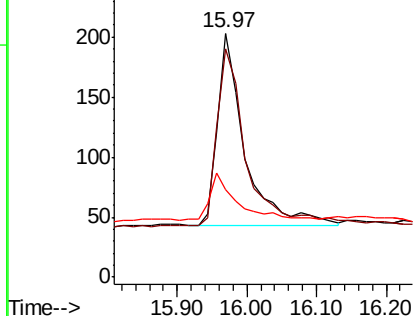


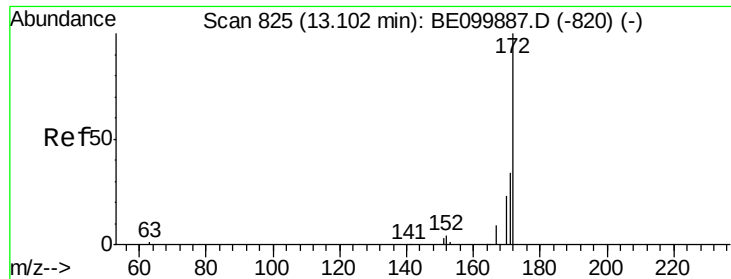
#14
 2,4,6-Tribromophenol
 Concen: 0.296 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099997.D
 Acq: 13 Jun 2019 19:35

Tgt Ion:330 Resp: 436
 Ion Ratio Lower Upper
 330 100
 332 99.8 76.7 115.1
 141 26.4 21.0 31.6



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

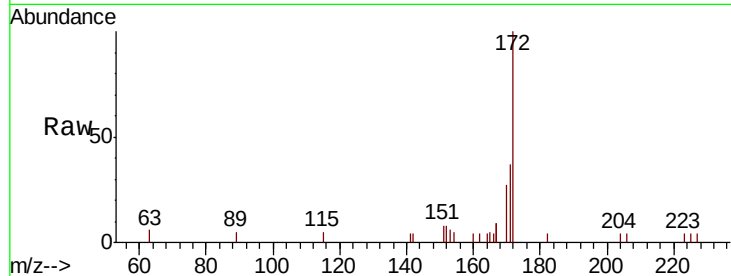




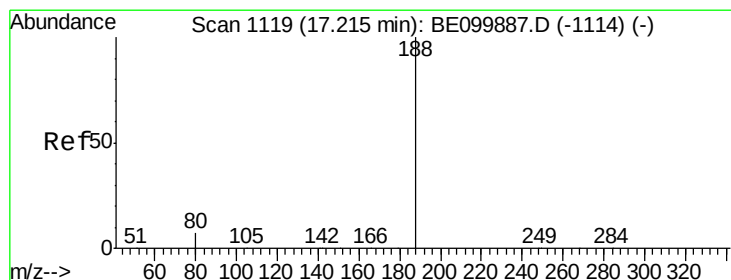
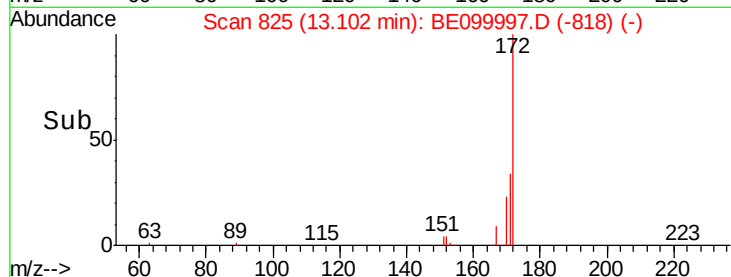
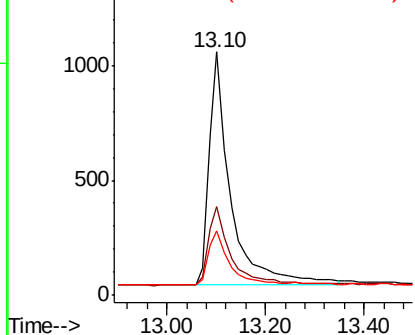
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099997.D
Acq: 13 Jun 2019 19:35

Instrument :
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ClientSampleId :
BPS1-TT-MW307S-20190607

Tgt Ion:172 Resp: 3068
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 26.6 21.2 31.8

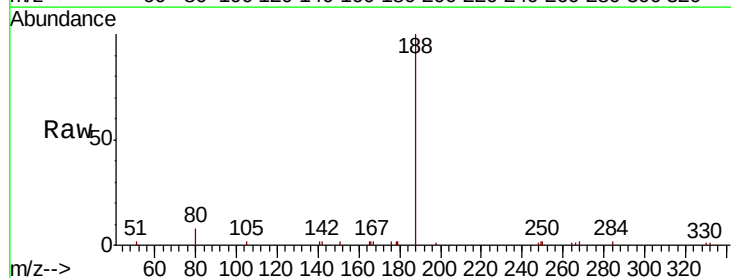


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

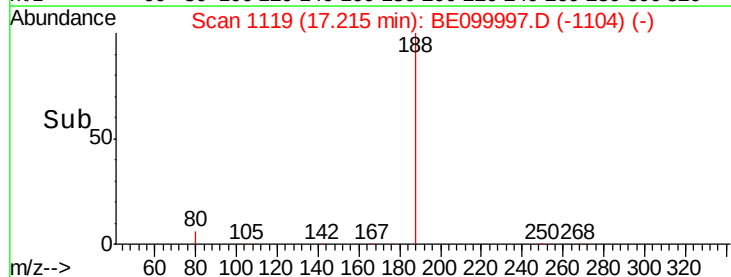
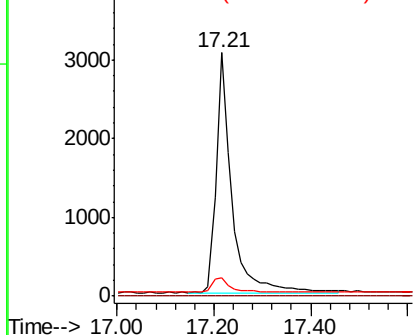


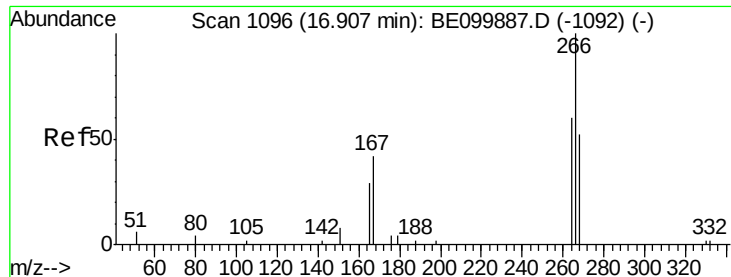
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099997.D
Acq: 13 Jun 2019 19:35

Tgt Ion:188 Resp: 6745
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 6.4 9.6



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

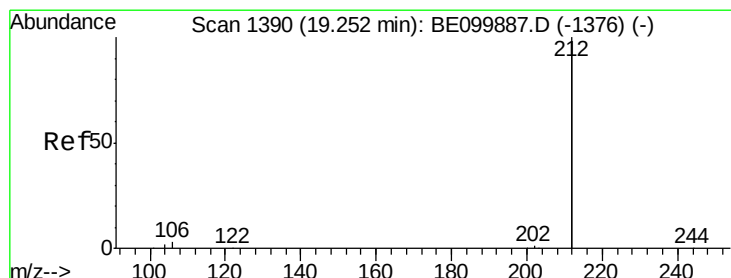
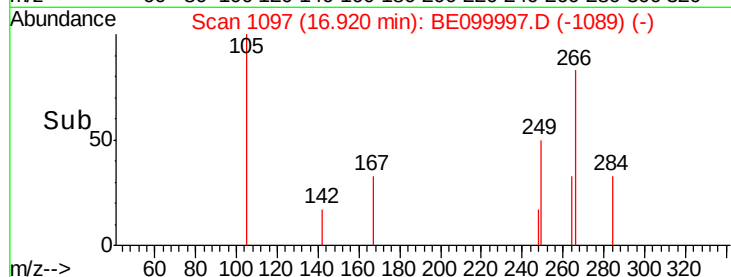
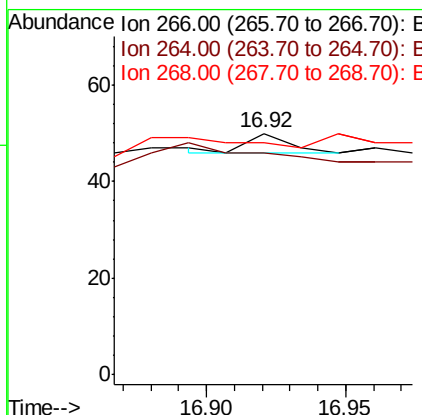
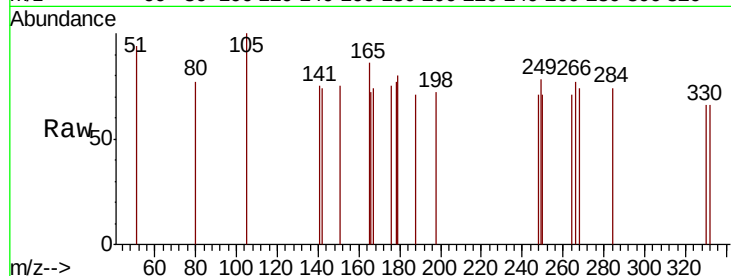




#22
 Pentachlorophenol
 Concen: 0.302 ng
 RT: 16.92 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BE099997.D
 Acq: 13 Jun 2019 19:35

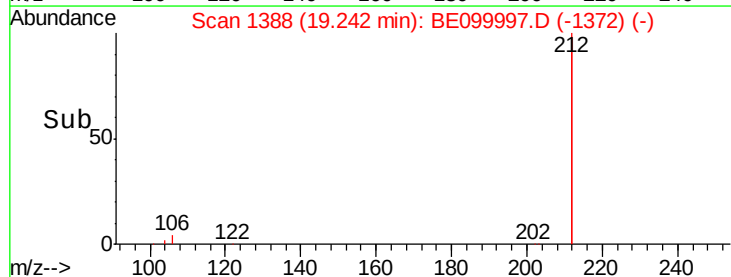
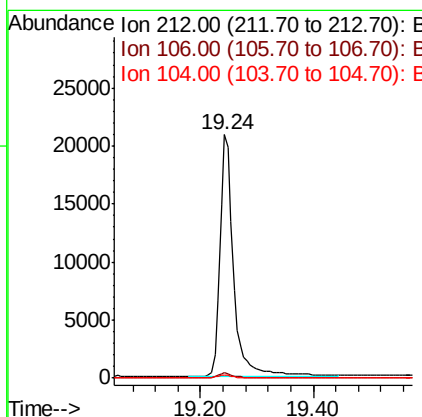
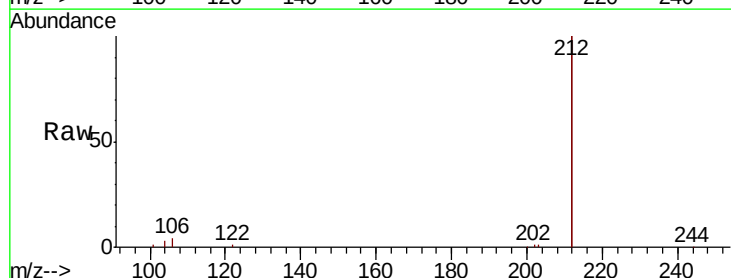
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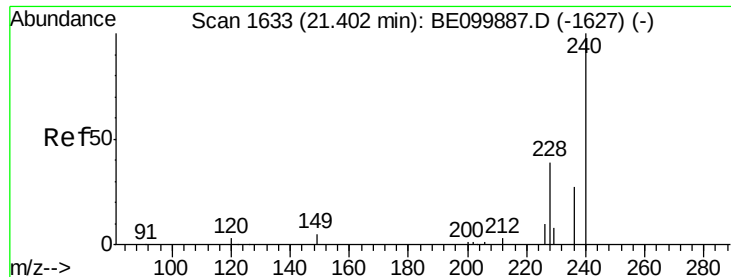
Tgt Ion: 266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 92.0 62.2 93.2
 268 96.0 65.5 98.3



#25
 Fluoranthene-d10
 Concen: 0.355 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099997.D
 Acq: 13 Jun 2019 19:35

Tgt Ion: 212 Resp: 34898
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.0 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099997.D

Acq: 13 Jun 2019 19:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20190607

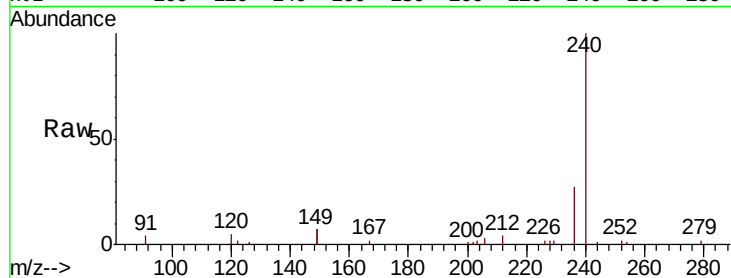
Tgt Ion:240 Resp: 9171

Ion Ratio Lower Upper

240 100

120 4.8 3.8 5.6

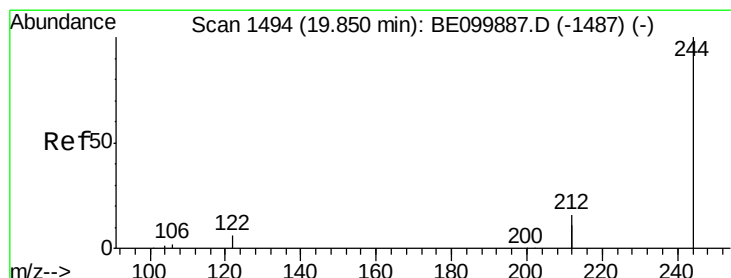
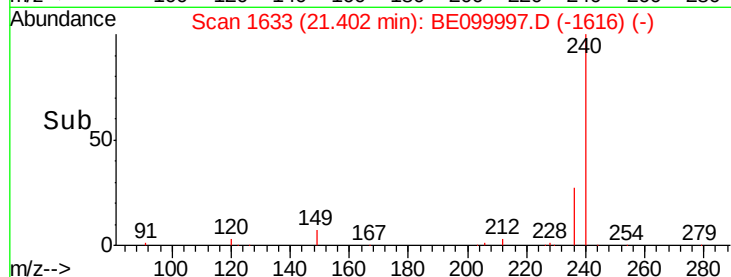
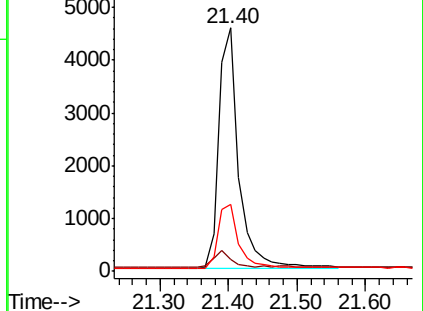
236 27.5 22.0 33.0



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: 0.593 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099997.D

Acq: 13 Jun 2019 19:35

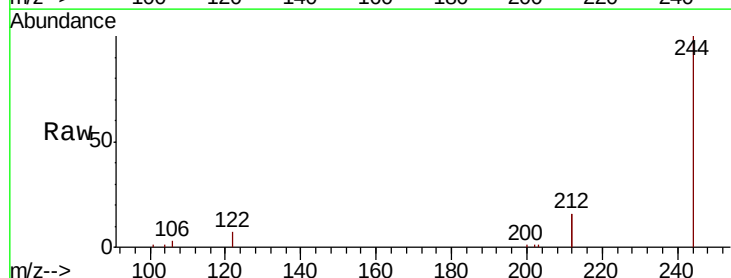
Tgt Ion:244 Resp: 9793

Ion Ratio Lower Upper

244 100

212 31.6 25.7 38.5

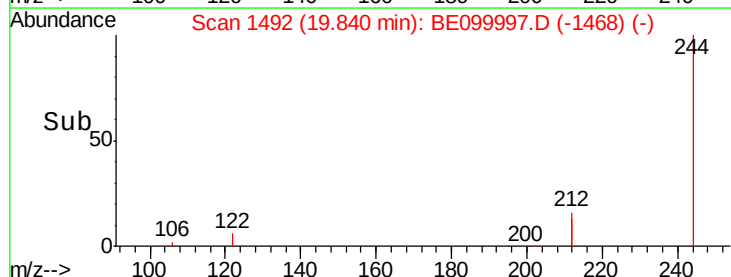
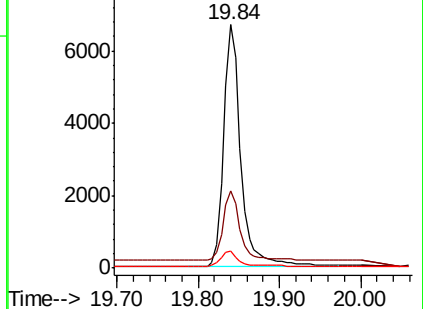
122 6.8 5.5 8.3

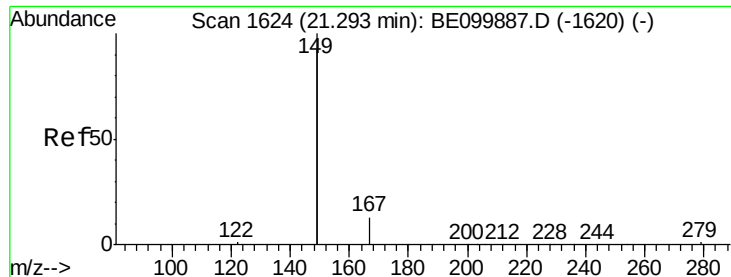


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

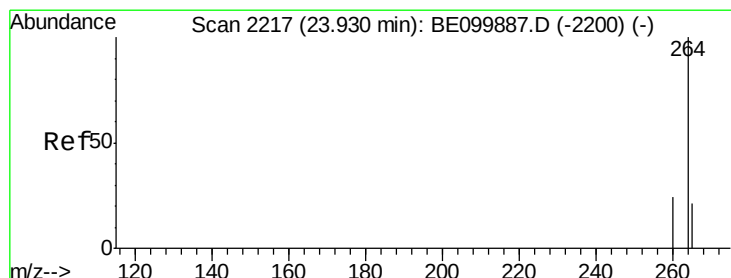
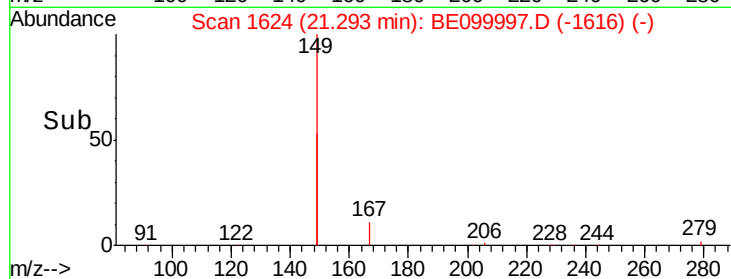
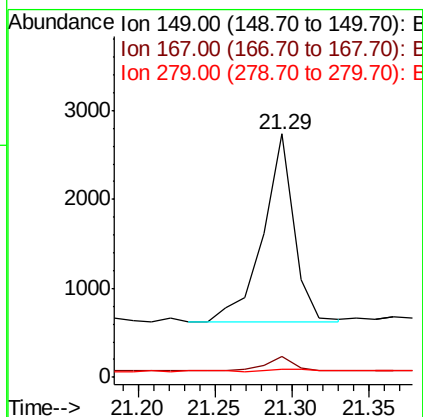
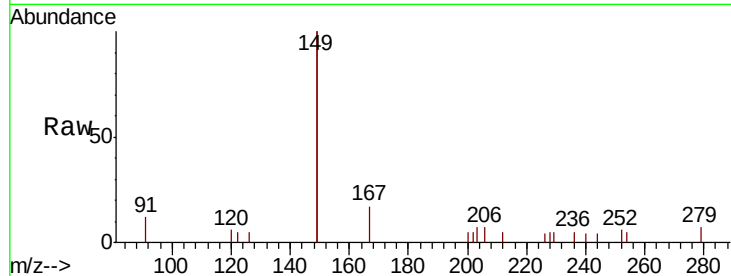




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099997.D
 Acq: 13 Jun 2019 19:35

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20190607

Tgt Ion:149 Resp: 2971
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.9 8.9
 279 2.2 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BE099997.D
 Acq: 13 Jun 2019 19:35

Tgt Ion:264 Resp: 10679
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 30.8 22.0 33.0

