

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099857.D
 Acq On : 7 Jun 2019 17:53
 Operator : JU/SJ
 Sample : K3221-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20190605

Quant Time: Jun 08 04:53:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

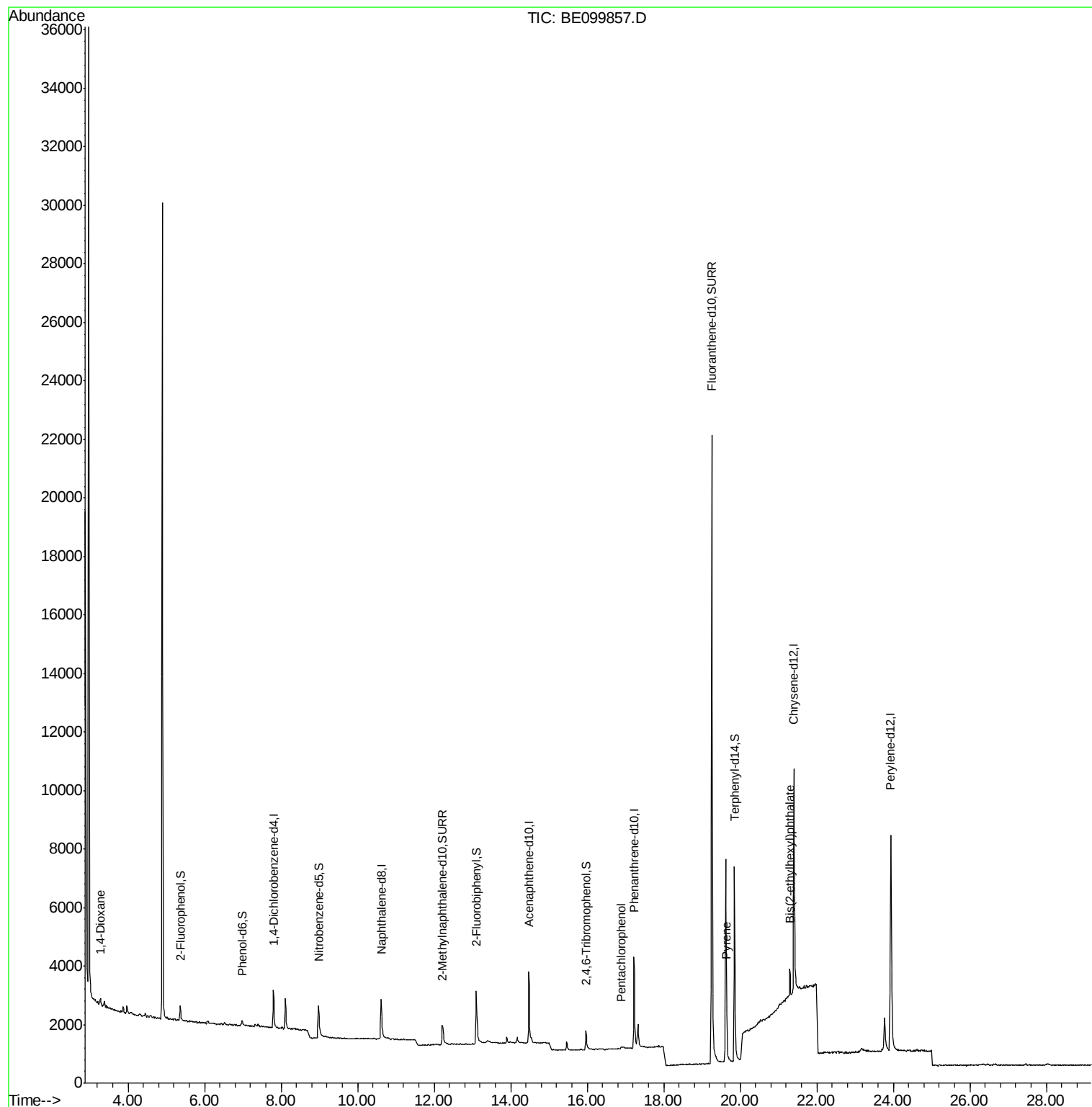
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	782	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2617	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1981	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6075	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10104	0.40	ng	-0.01
34) Perylene-d12	23.94	264	12236	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	357	0.14	ng	0.00
5) Phenol-d6	6.98	99	274	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	944	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1559	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	630	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2675	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	34637	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	7864	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	176	0.146	ng	Qvalue # 21
22) Pentachlorophenol	16.89	266	142	0.345	ng	97
28) Pyrene	19.65	202	1357	0.051	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	1303	0.025	ng	Qvalue # 92

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

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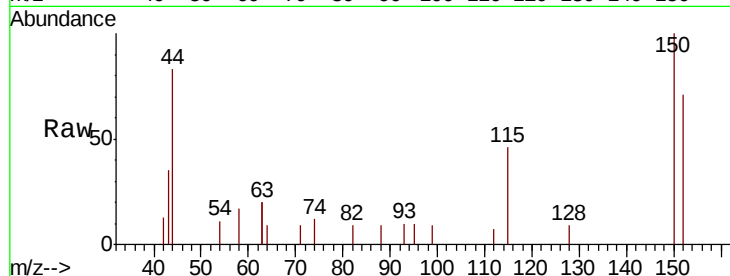


#1

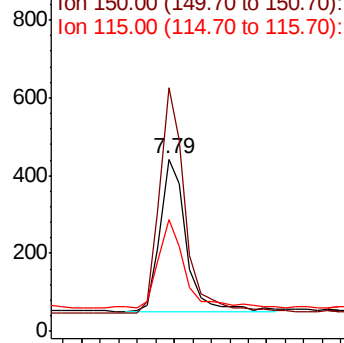
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099857.D
Acq: 7 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309I-20190605

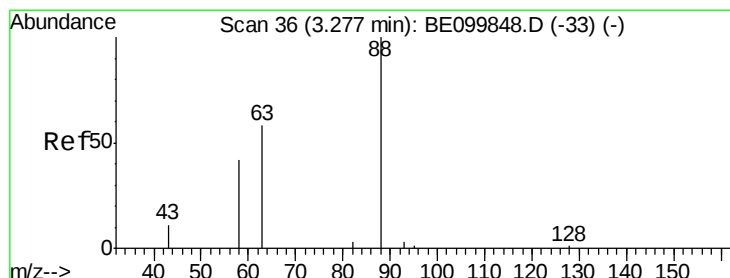
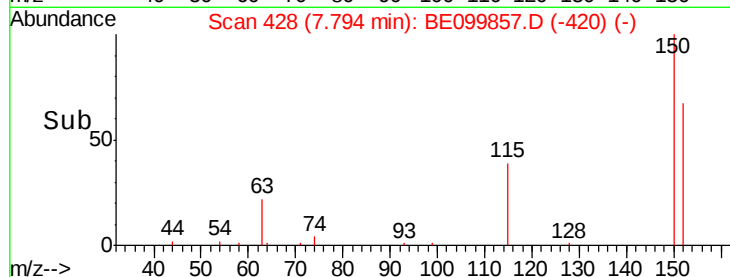
Tot Ion:152 Resp: 782
Ion Ratio Lower Upper
152 100
150 141.3 112.8 169.2
115 65.0 47.6 71.4



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



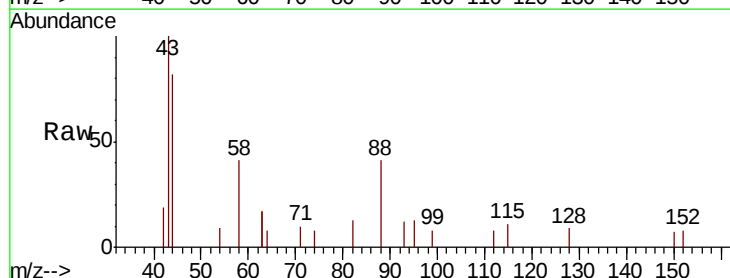
Time-->



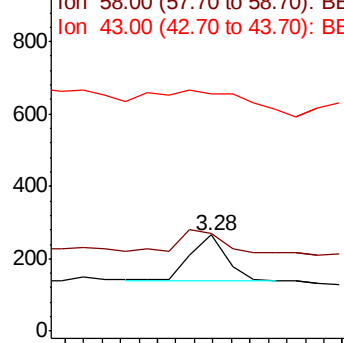
#2

1,4-Dioxane
Concen: 0.146 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099857.D
Acq: 7 Jun 2019 17:53

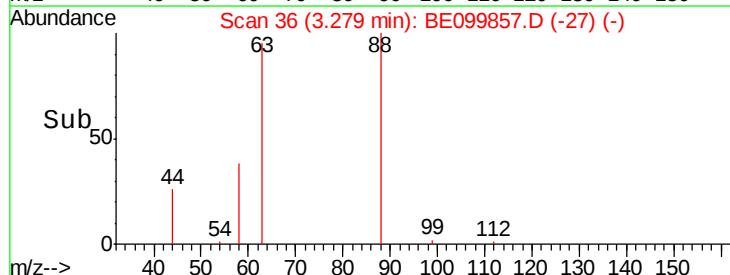
Tgt Ion: 88 Resp: 176
Ion Ratio Lower Upper
88 100
58 54.0 47.3 70.9
43 151.7 18.2 27.4#

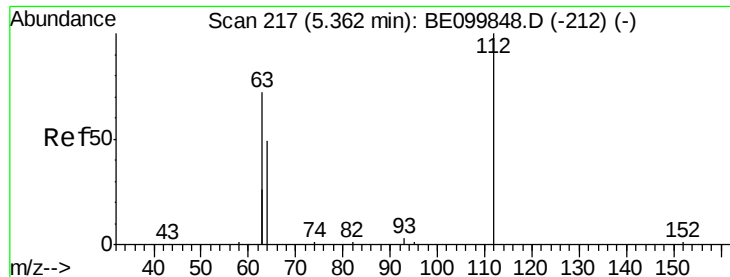


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.136 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190605

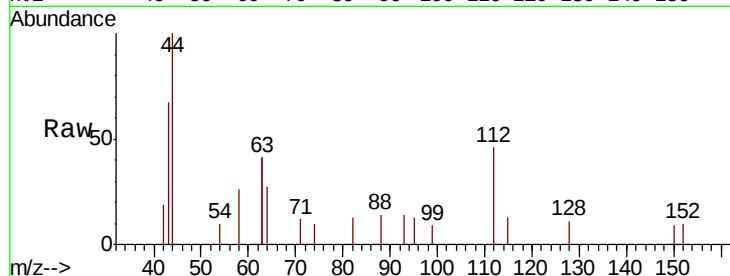
Tot Ion:112 Resp: 357

Ion Ratio Lower Upper

112 100

64 48.2 47.2 70.8

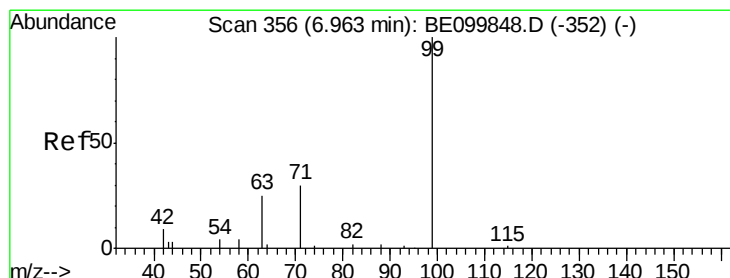
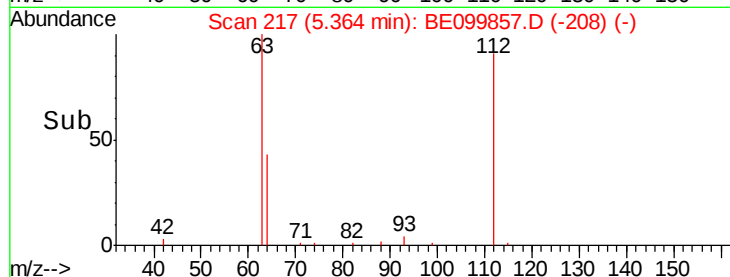
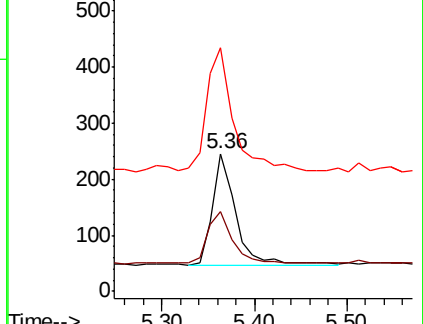
63 123.8 90.7 136.1



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

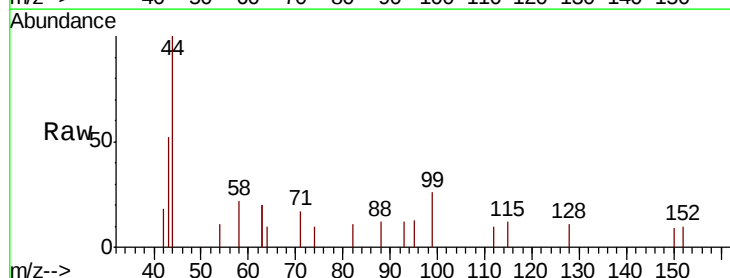
Tgt Ion: 99 Resp: 274

Ion Ratio Lower Upper

99 100

42 36.1 11.0 16.4#

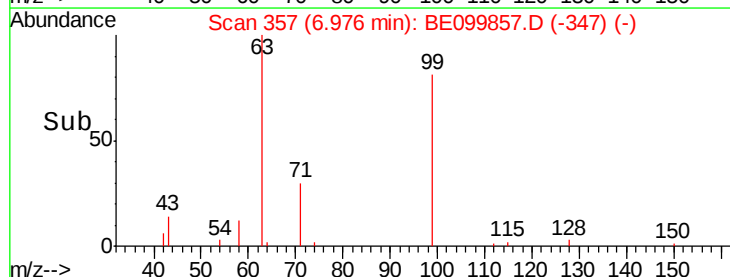
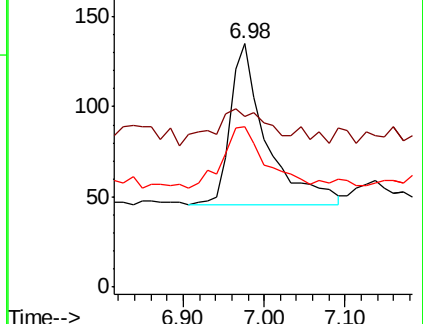
71 45.3 26.1 39.1#

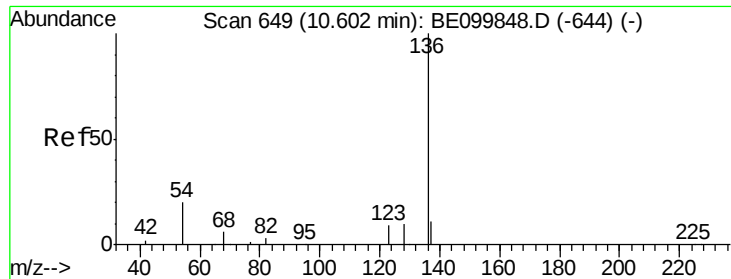


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190605

Tot Ion:136 Resp: 2617

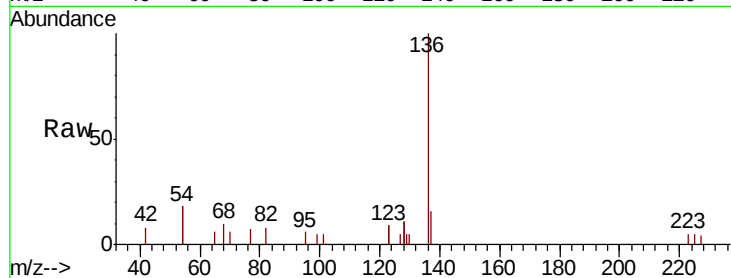
Ion Ratio Lower Upper

136 100

137 15.8 11.1 16.7

54 36.6 17.9 26.9#

68 9.8 5.4 8.0#

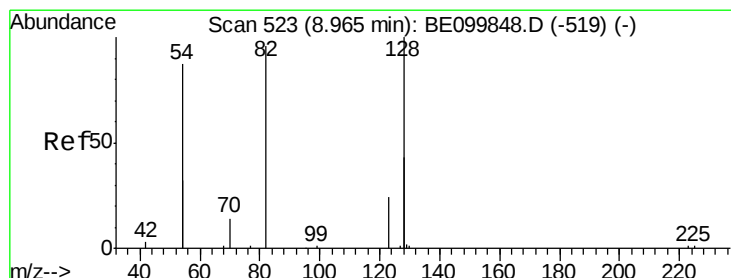
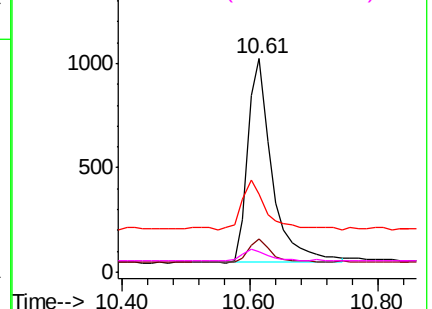
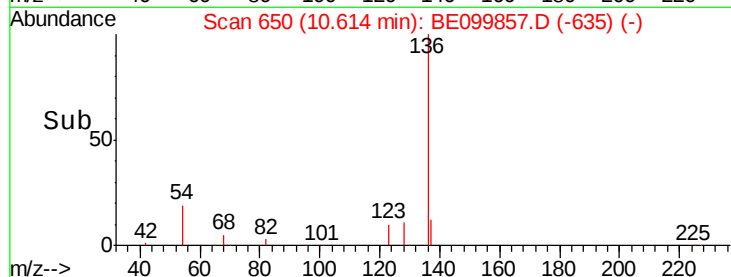


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

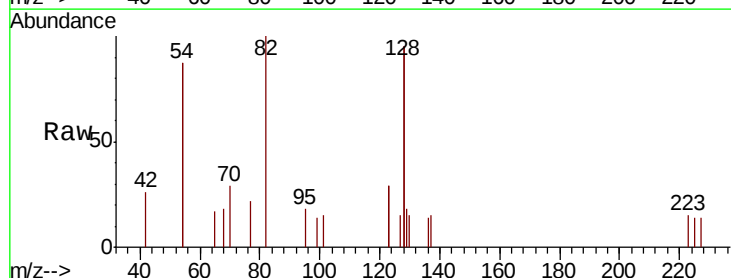
Tgt Ion: 82 Resp: 944

Ion Ratio Lower Upper

82 100

128 189.7 116.6 175.0#

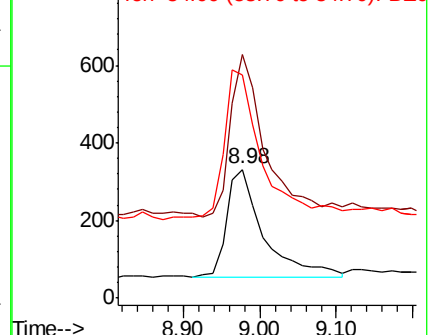
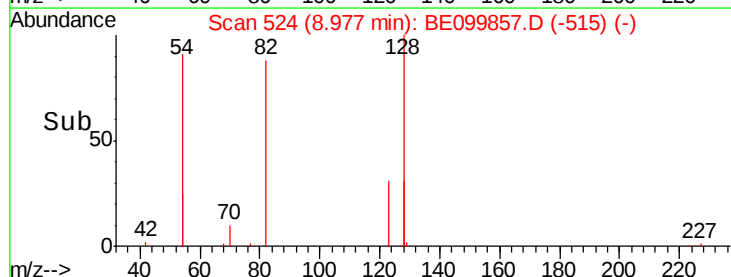
54 173.4 136.2 204.4

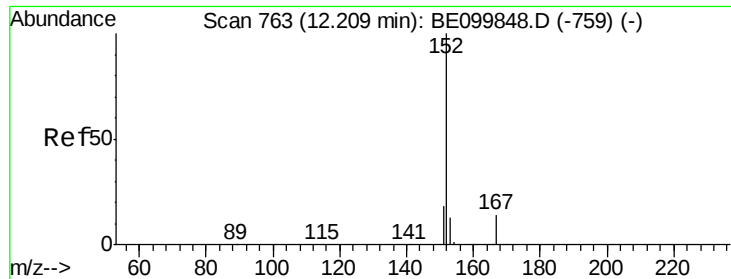


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

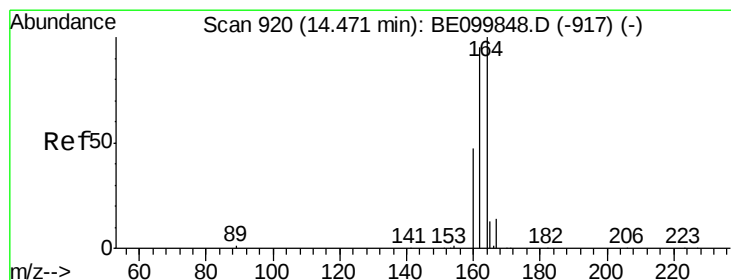
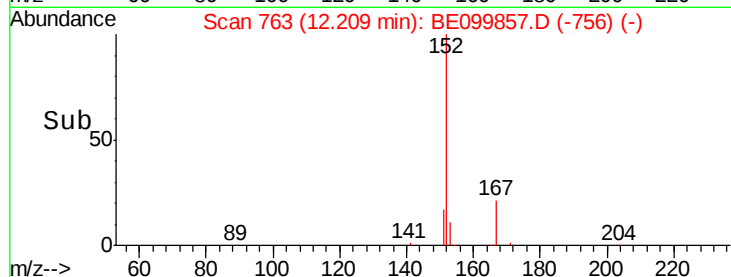
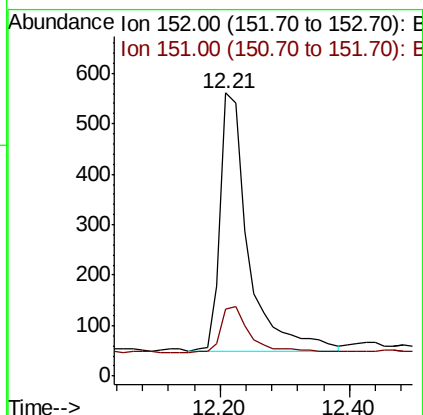
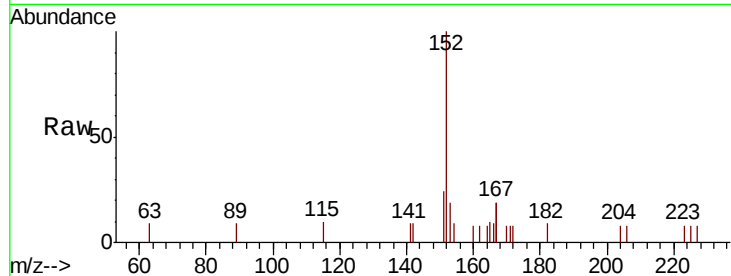




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099857.D
Acq: 7 Jun 2019 17:53

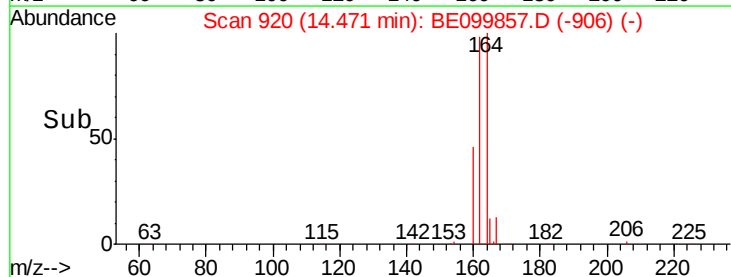
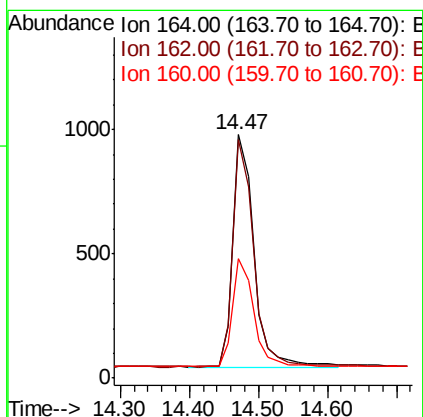
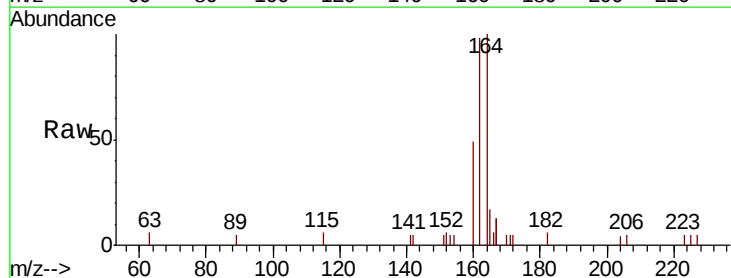
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309I-20190605

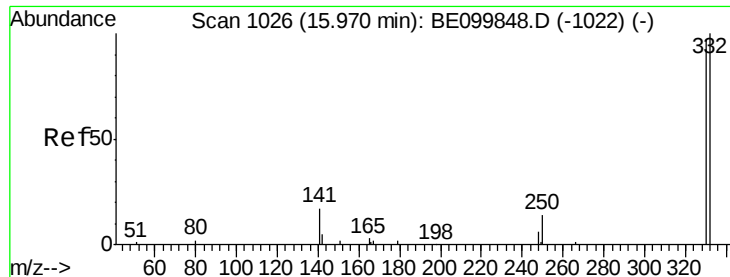
Tot Ion:152 Resp: 1559
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099857.D
Acq: 7 Jun 2019 17:53

Tgt Ion:164 Resp: 1981
Ion Ratio Lower Upper
164 100
162 97.8 77.2 115.8
160 49.2 39.4 59.2





#14

2,4,6-Tribromophenol

Concen: 0.321 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190605

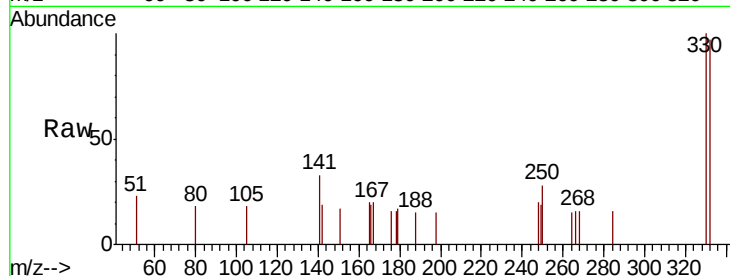
Tot Ion:330 Resp: 630

Ion Ratio Lower Upper

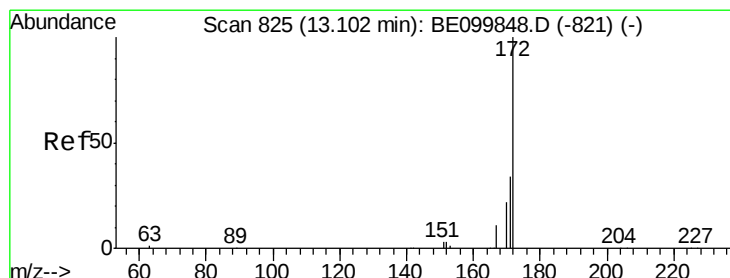
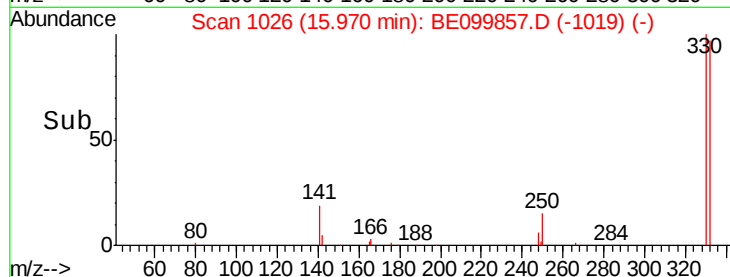
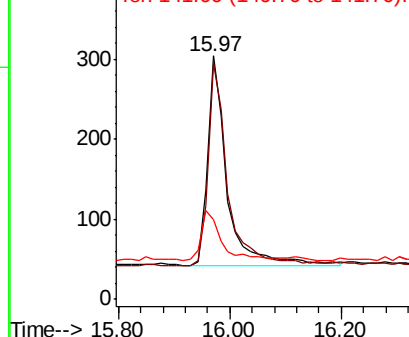
330 100

332 97.6 74.9 112.3

141 25.9 16.0 24.0#



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: 0.374 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

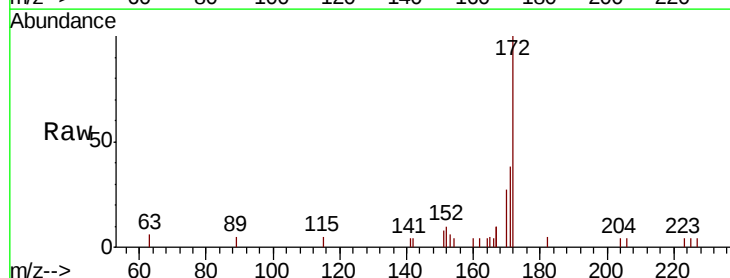
Tgt Ion:172 Resp: 2675

Ion Ratio Lower Upper

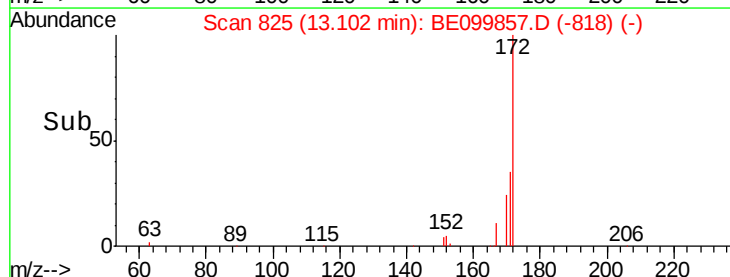
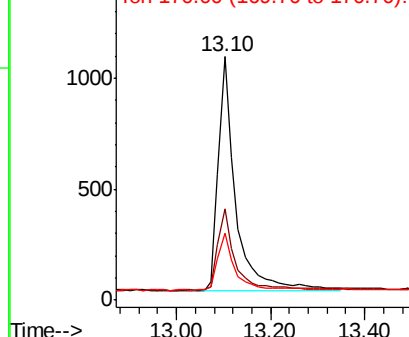
172 100

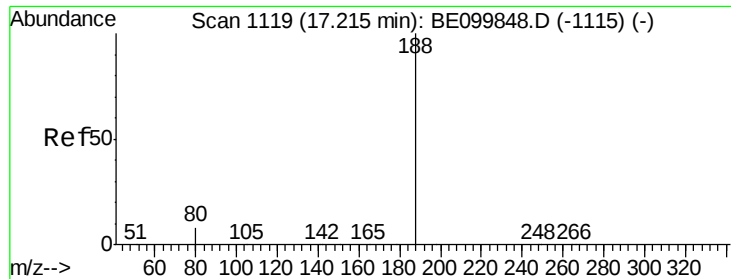
171 37.6 30.2 45.4

170 27.3 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

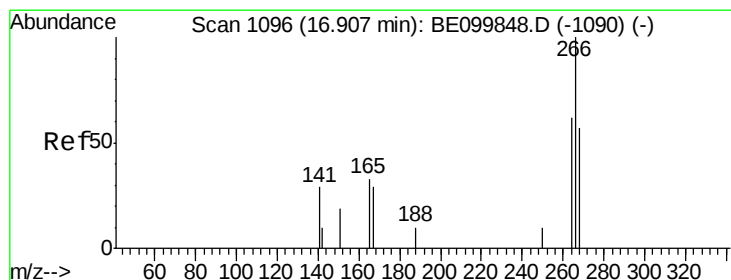
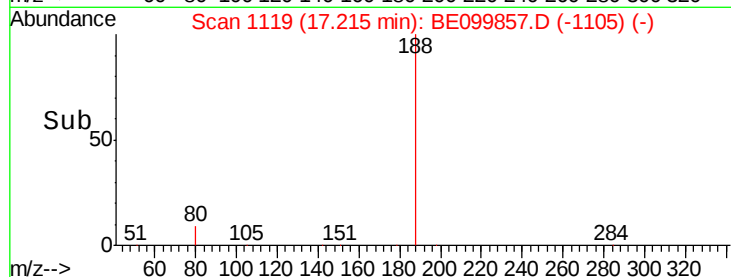
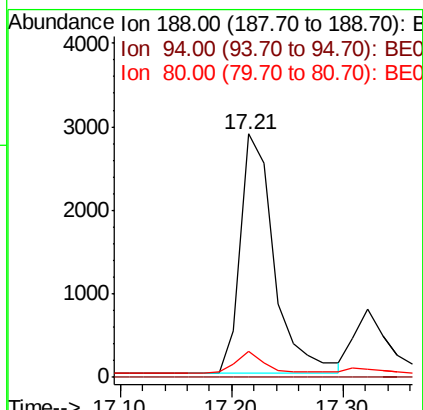
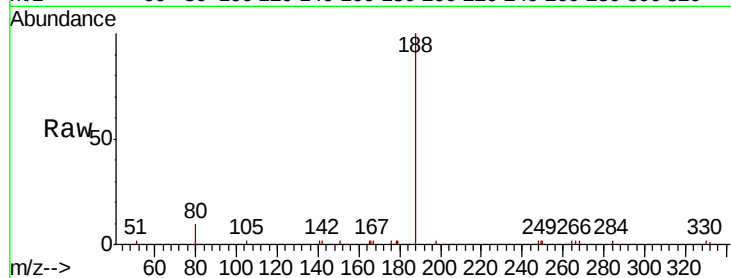




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099857.D
Acq: 7 Jun 2019 17:53

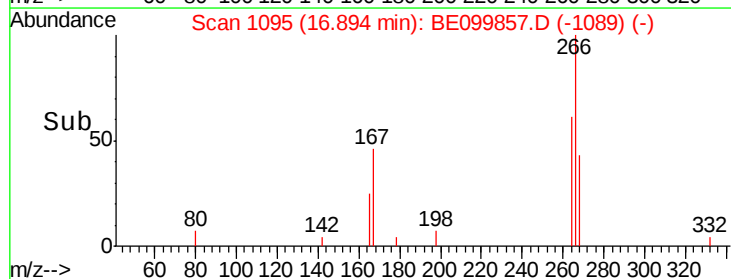
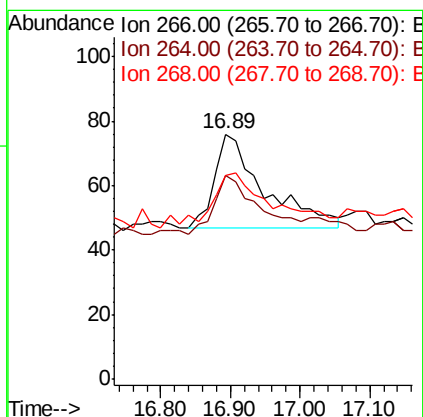
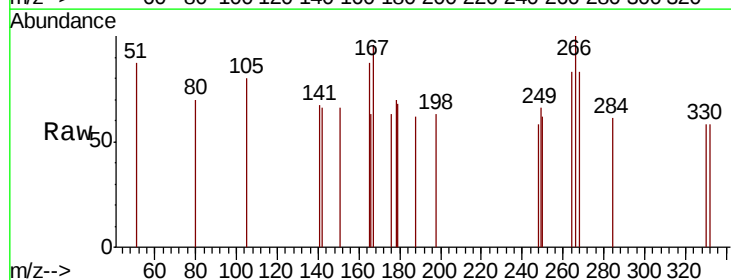
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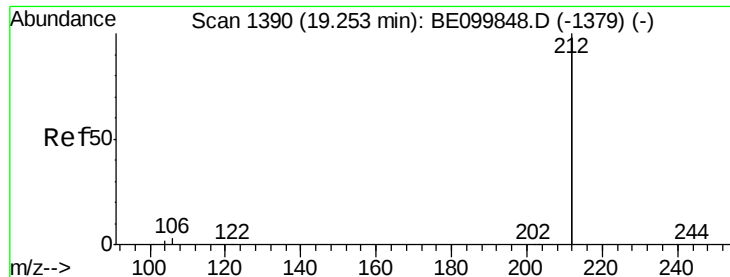
Tot Ion:188 Resp: 6075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 5.2 7.8#



#22
Pentachlorophenol
Concen: 0.345 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BE099857.D
Acq: 7 Jun 2019 17:53

Tgt Ion:266 Resp: 142
Ion Ratio Lower Upper
266 100
264 82.9 64.9 97.3
268 82.9 64.0 96.0





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190605

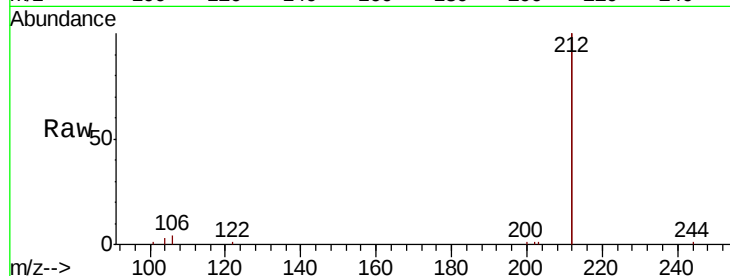
Tot Ion:212 Resp: 34637

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

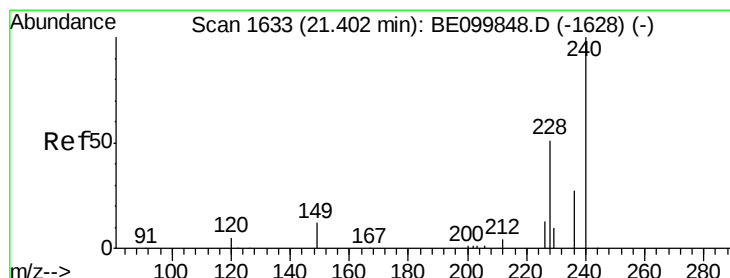
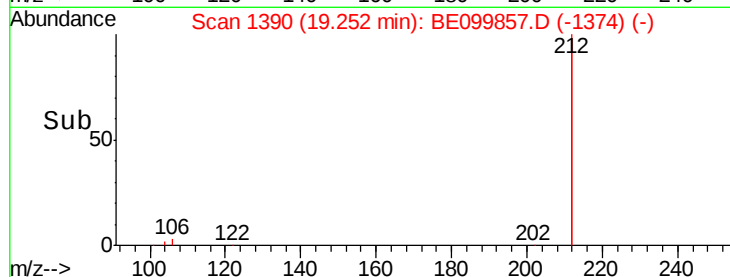
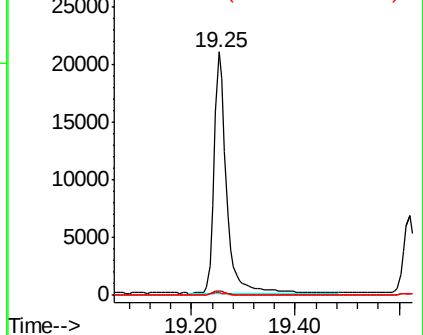
104 1.0 0.8 1.2



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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

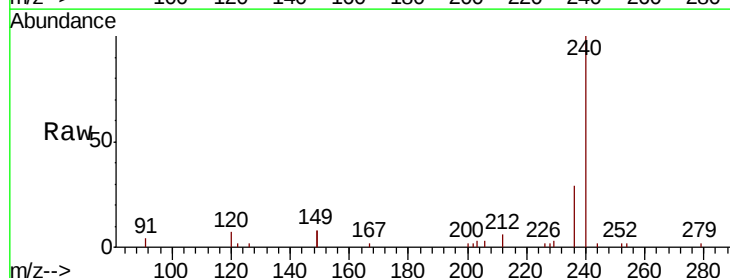
Tgt Ion:240 Resp: 10104

Ion Ratio Lower Upper

240 100

120 6.7 2.8 4.2#

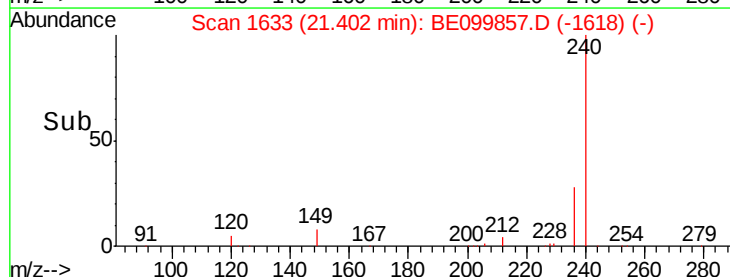
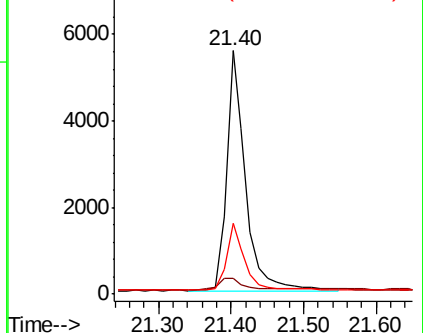
236 29.0 20.9 31.3

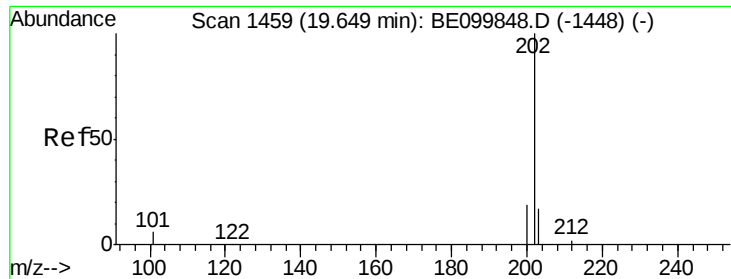


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

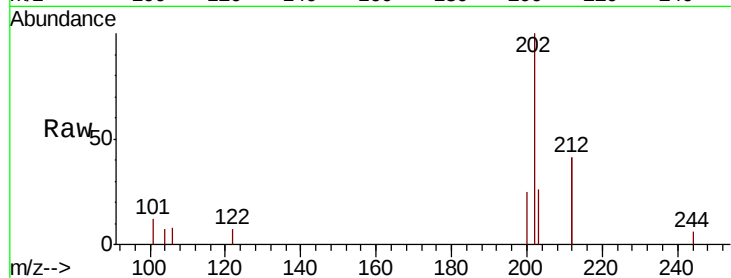




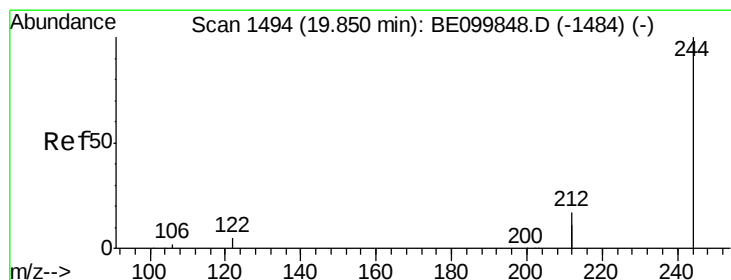
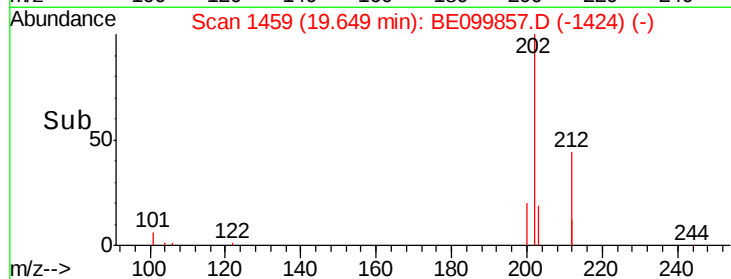
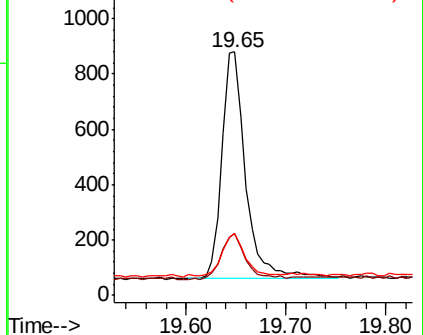
#28
Pvrene
Concen: 0.051 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE099857.D
Acq: 7 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309I-20190605

Tot Ion:202 Resp: 1357
Ion Ratio Lower Upper
202 100
200 20.2 15.6 23.4
203 19.5 14.1 21.1

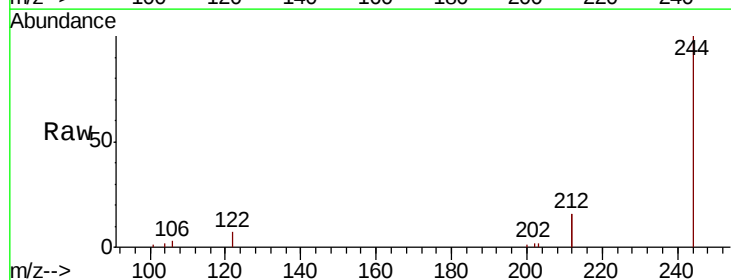


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

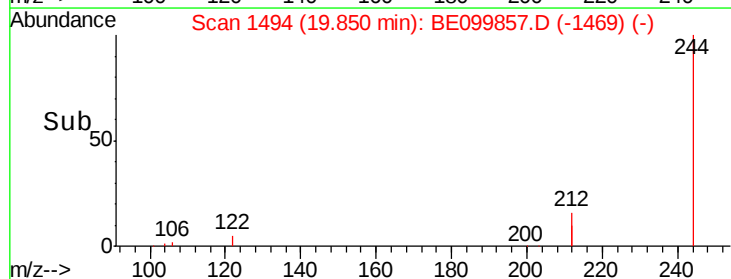
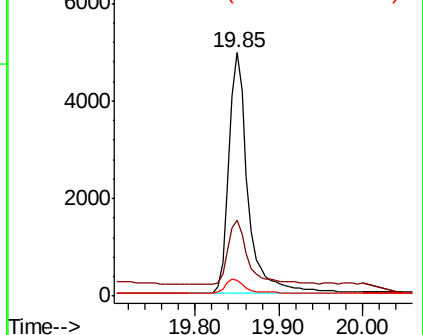


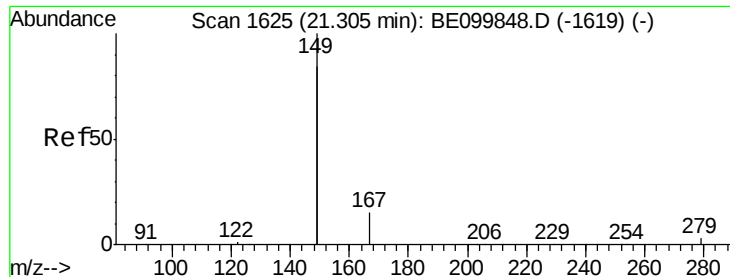
#29
Terphenyl-d14
Concen: 0.417 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BE099857.D
Acq: 7 Jun 2019 17:53

Tgt Ion:244 Resp: 7864
Ion Ratio Lower Upper
244 100
212 31.4 23.7 35.5
122 6.6 4.8 7.2



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: 0.025 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190605

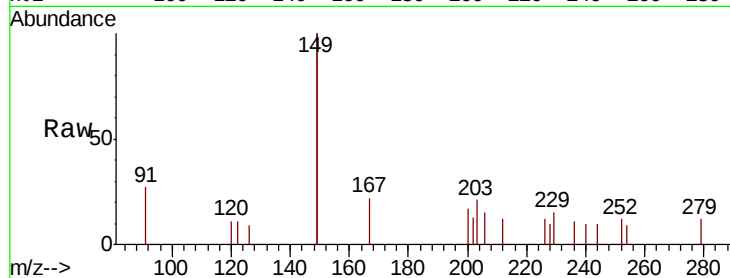
Tot Ion:149 Resp: 1303

Ion Ratio Lower Upper

149 100

167 11.0 6.0 9.0#

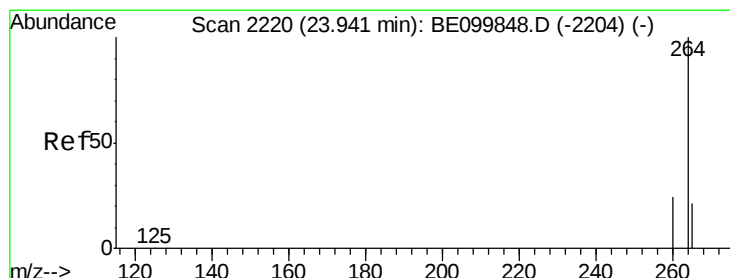
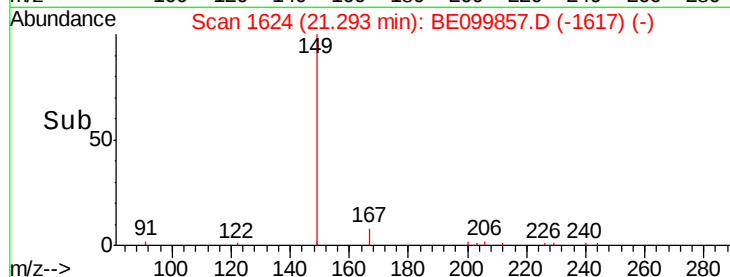
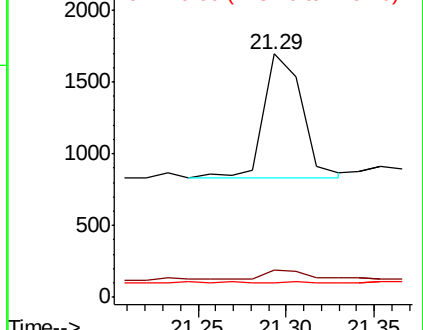
279 1.9 1.2 1.8#



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# 2219

Delta R.T. -0.00 min

Lab File: BE099857.D

Acq: 7 Jun 2019 17:53

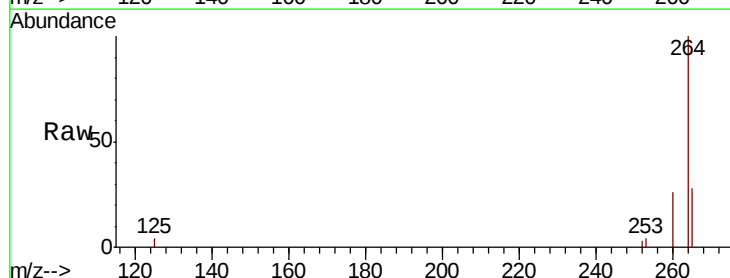
Tgt Ion:264 Resp: 12236

Ion Ratio Lower Upper

264 100

260 26.2 20.0 30.0

265 27.5 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

