

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100893.D
 Acq On : 13 Dec 2019 18:56
 Operator : JU
 Sample : K6251-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE139D2-20191206

Quant Time: Dec 14 03:07:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

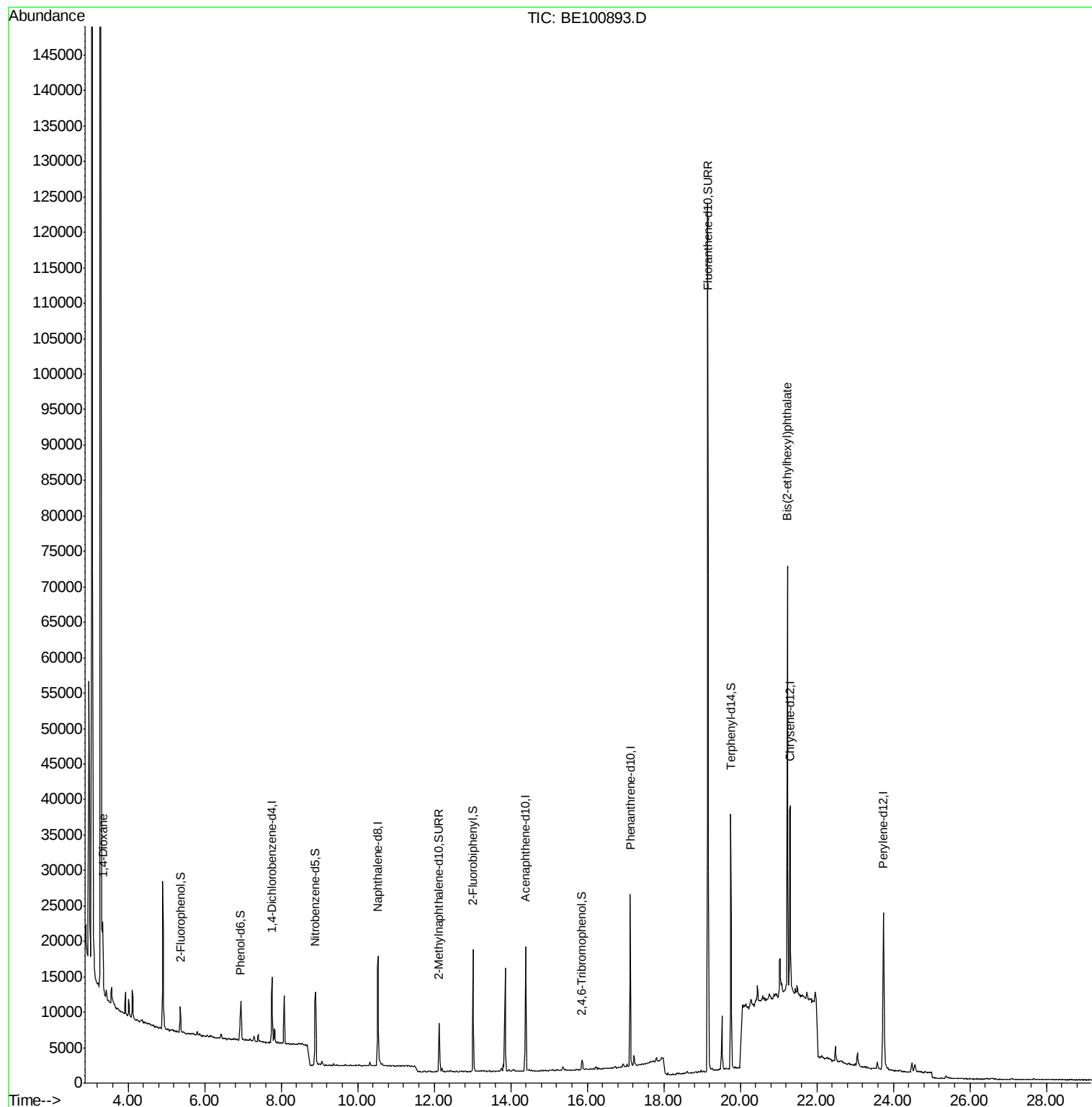
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4237	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	18916	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11076	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30812	0.40	ng	0.00
27) Chrysene-d12	21.31	240	31344	0.40	ng	0.00
34) Perylene-d12	23.74	264	34548	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1734	0.17	ng	0.00
5) Phenol-d6	6.93	99	1770	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	4578	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	10630	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	786	0.64	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	14974	0.34	ng	0.00
25) Fluoranthene-d10	19.15	212	157296	0.43	ng	0.00
29) Terphenyl-d14	19.76	244	31389	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	5565	0.720	ng	Qvalue # 63
32) Bis(2-ethylhexyl)phthalate	21.23	149	61492	0.889	ng	98

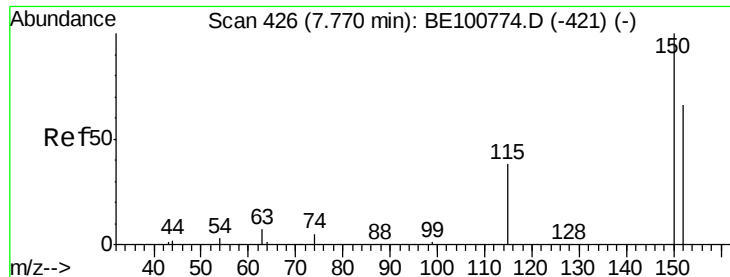
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

Instrument :

BNA_E

ClientSampleId :

RE139D2-20191206

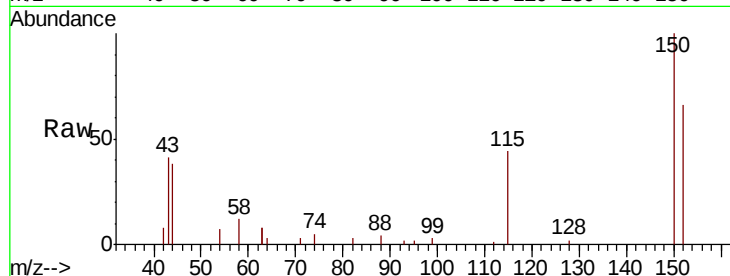
Tot Ion:152 Resp: 4237

Ion Ratio Lower Upper

152 100

150 151.1 125.5 188.3

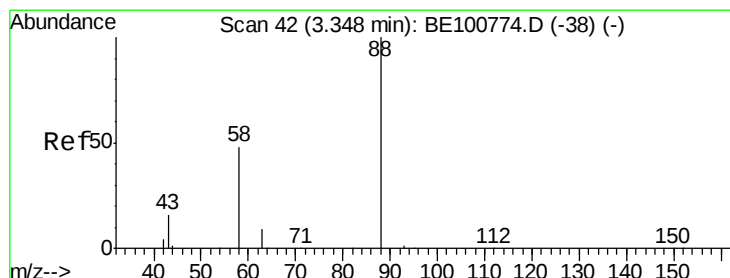
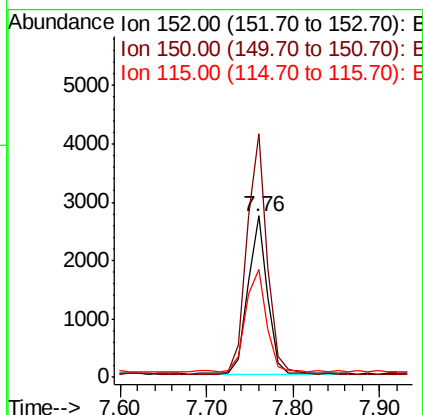
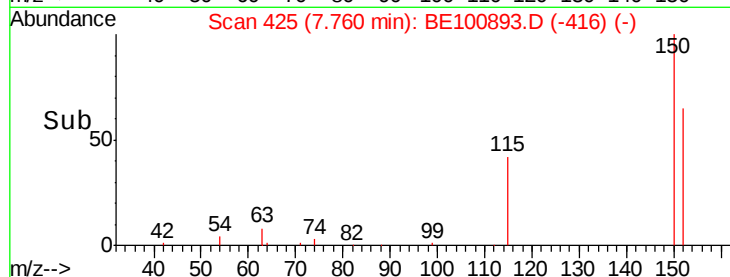
115 66.9 55.7 83.5



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: 0.720 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

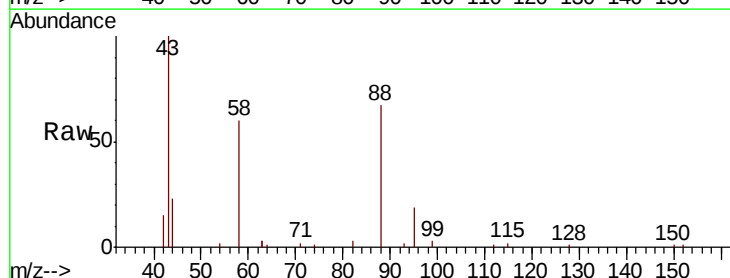
Tgt Ion: 88 Resp: 5565

Ion Ratio Lower Upper

88 100

58 90.8 52.3 78.5#

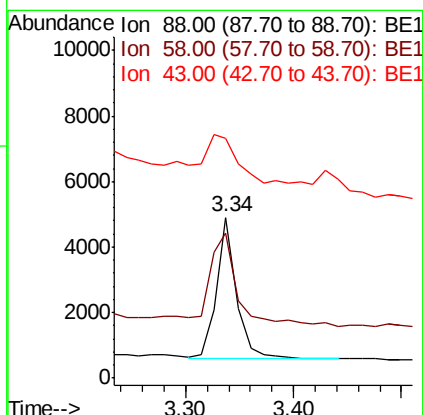
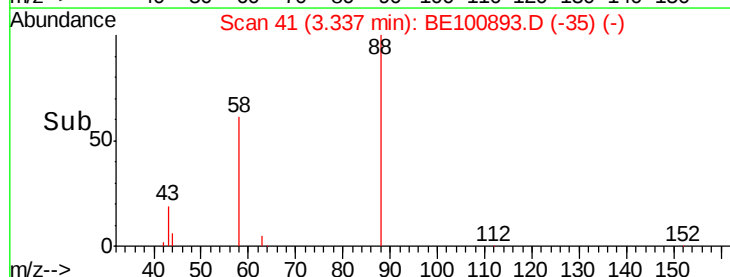
43 55.0 23.5 35.3#

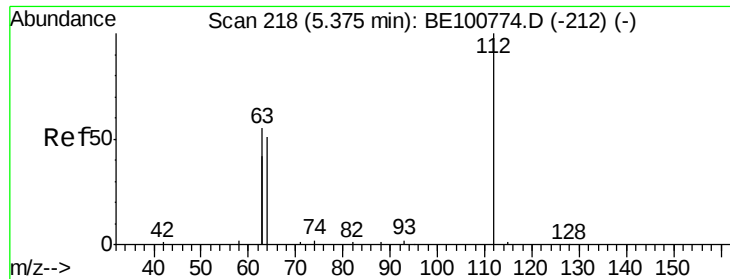


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

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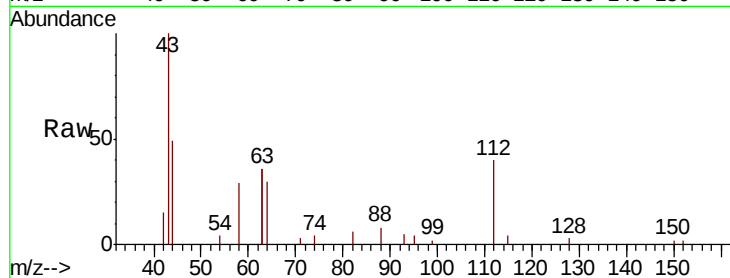
Tot Ion:112 Resp: 1734

Ion Ratio Lower Upper

112 100

64 70.5 54.5 81.7

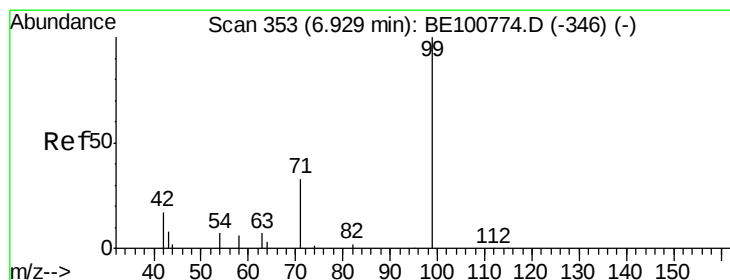
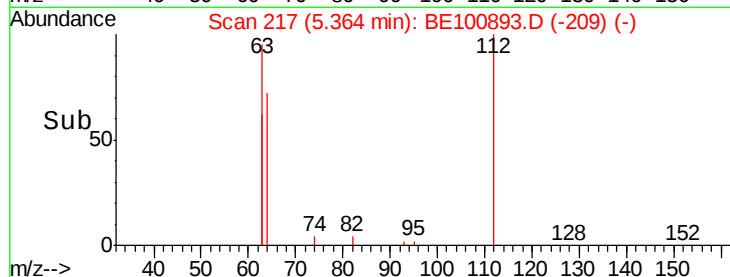
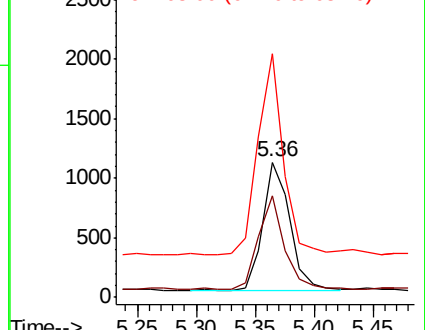
63 146.8 116.1 174.1



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.117 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

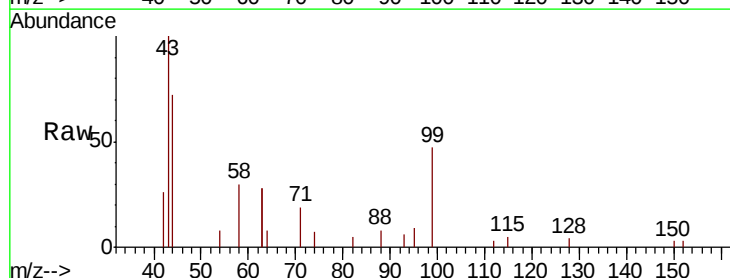
Tgt Ion: 99 Resp: 1770

Ion Ratio Lower Upper

99 100

42 37.5 18.2 27.2#

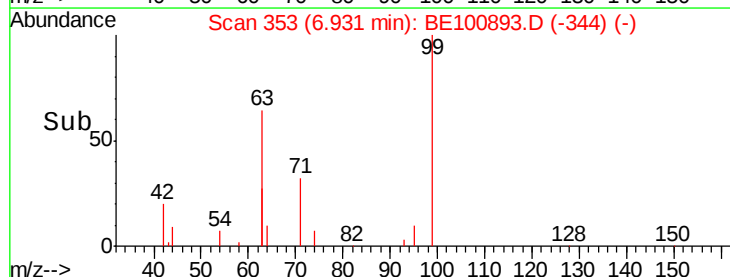
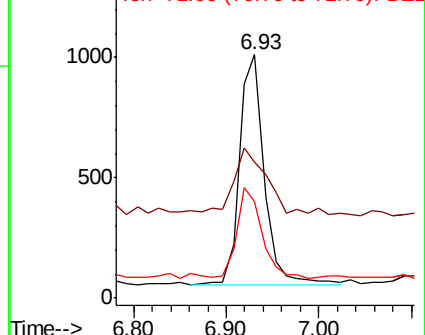
71 40.3 29.1 43.7

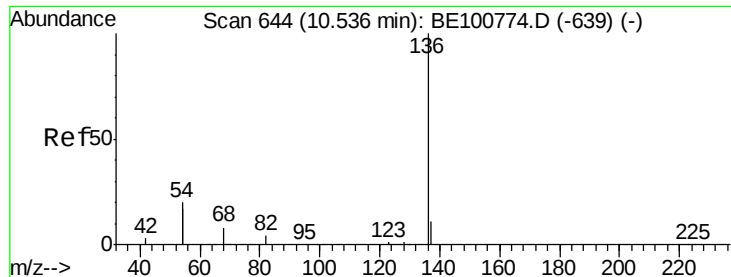


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

Instrument :

BNA_E

ClientSampleId :

RE139D2-20191206

Tot Ion:136 Resp: 18916

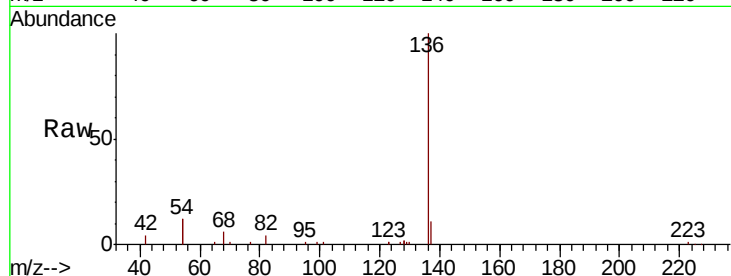
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 24.9 18.9 28.3

68 6.0 4.6 6.8

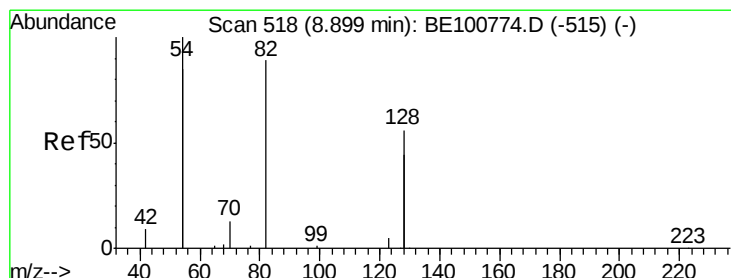
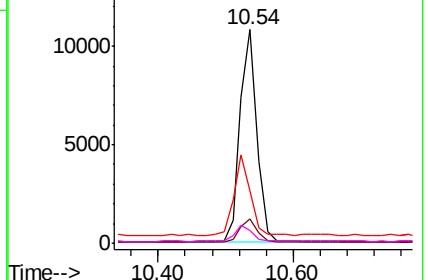
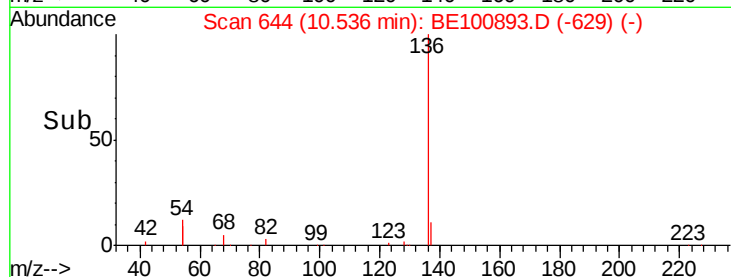


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.508 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

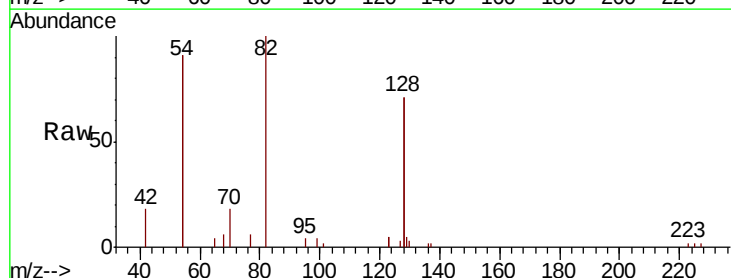
Tgt Ion: 82 Resp: 4578

Ion Ratio Lower Upper

82 100

128 141.3 113.5 170.3

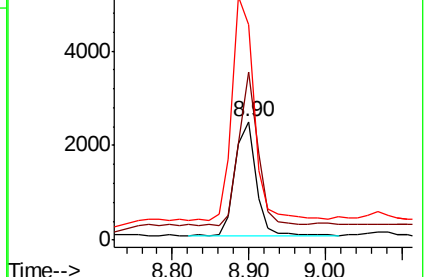
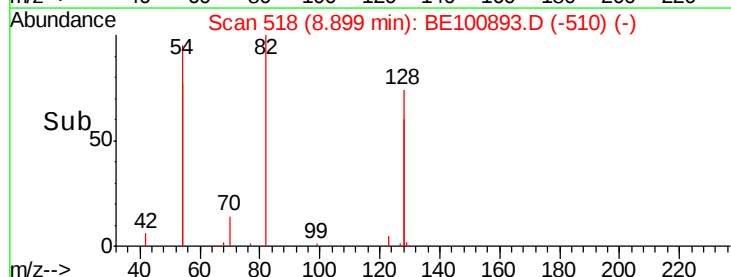
54 181.4 138.9 208.3

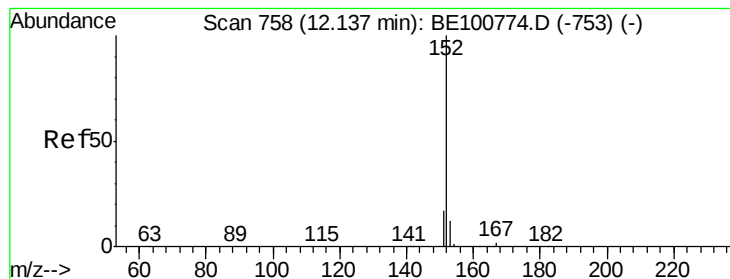


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

Instrument :

BNA_E

ClientSampleId :

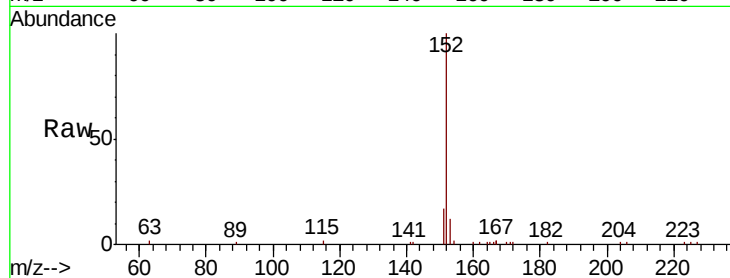
RE139D2-20191206

Tot Ion:152 Resp: 10630

Ion Ratio Lower Upper

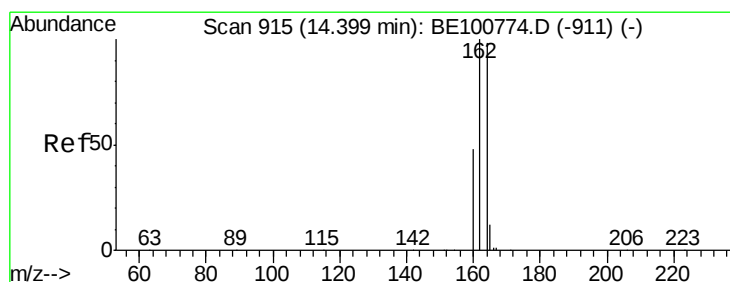
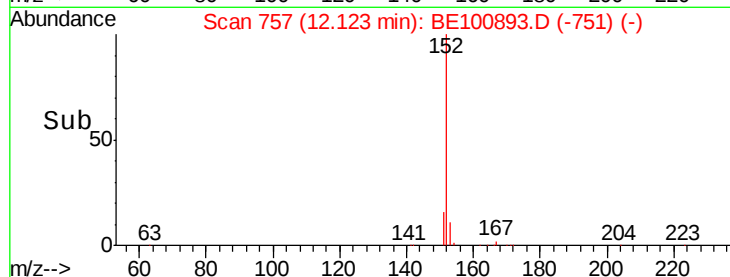
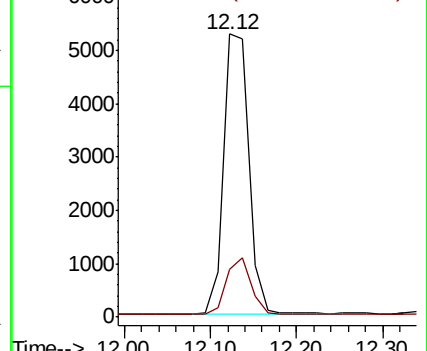
152 100

151 20.0 15.1 22.7



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: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

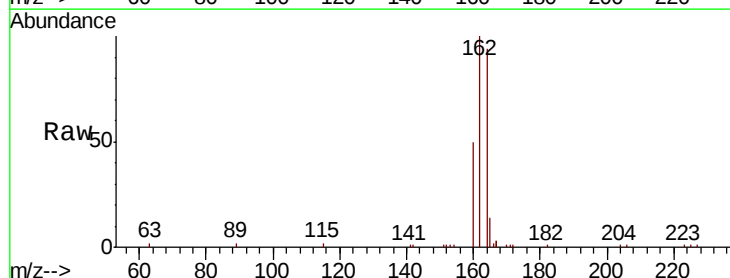
Tgt Ion:164 Resp: 11076

Ion Ratio Lower Upper

164 100

162 106.1 86.0 129.0

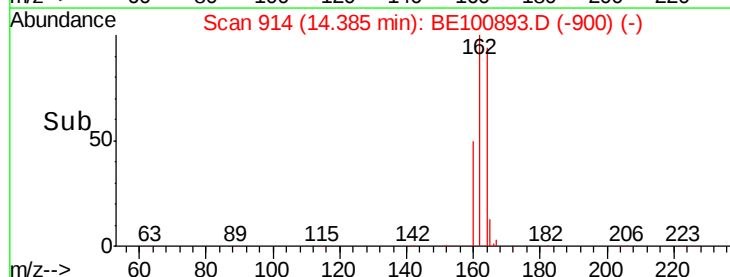
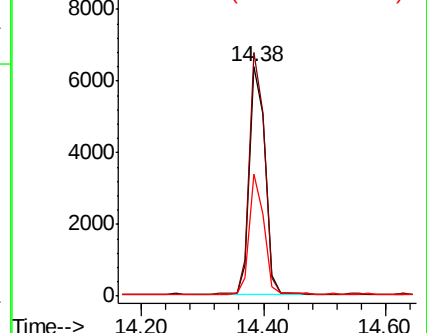
160 53.2 42.3 63.5

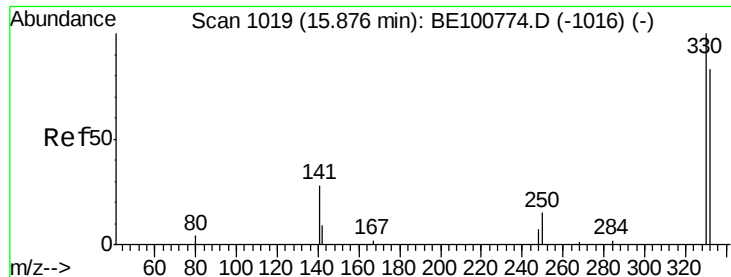


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

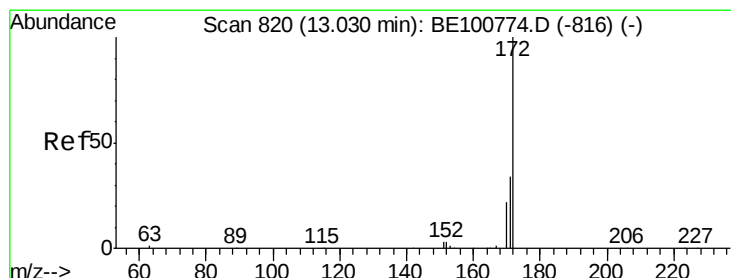
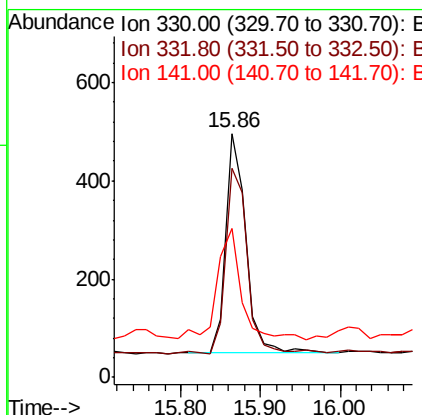
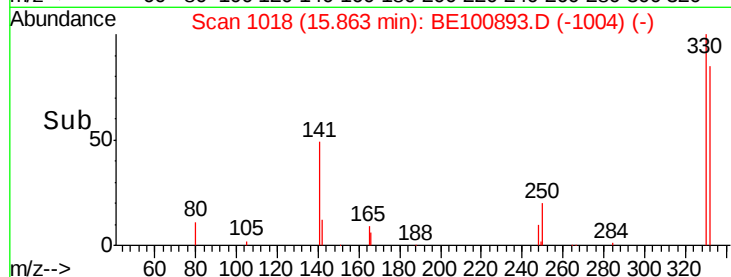
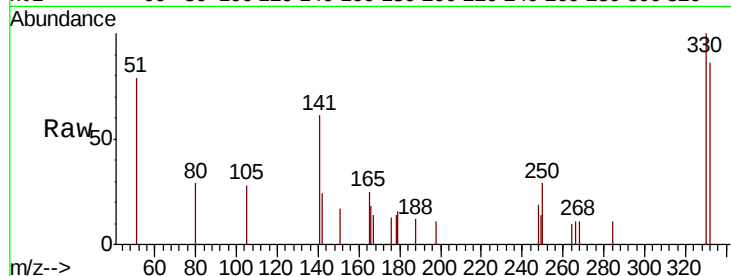




#14
 2,4,6-Tribromophenol
 Concen: 0.638 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100893.D
 Acq: 13 Dec 2019 18:56

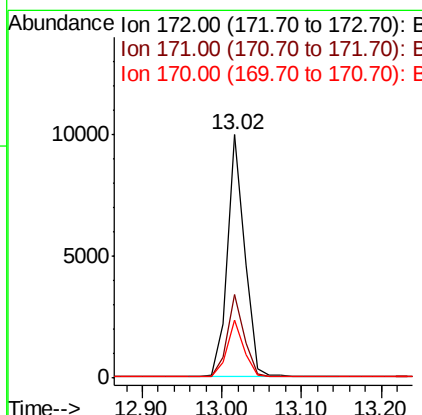
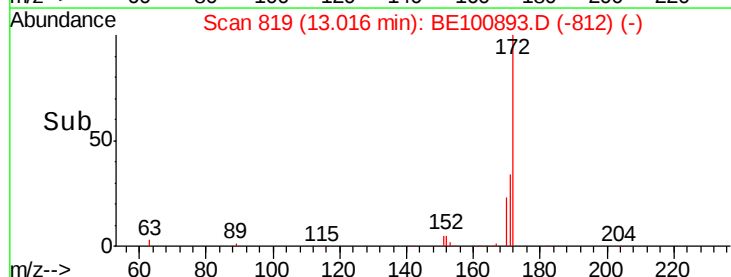
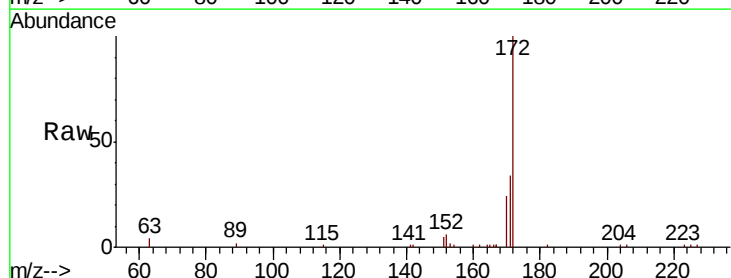
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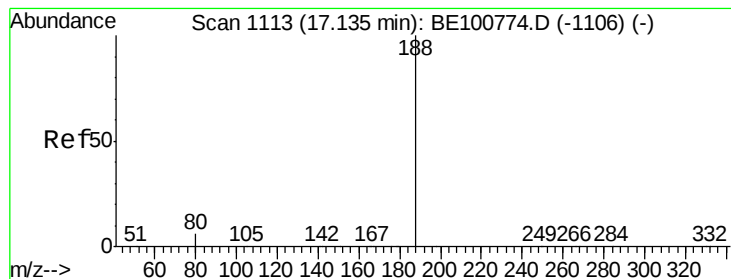
Tot Ion:330 Resp: 786
 Ion Ratio Lower Upper
 330 100
 332 90.5 74.1 111.1
 141 60.1 46.7 70.1



#15
 2-Fluorobiphenyl
 Concen: 0.341 ng
 RT: 13.02 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BE100893.D
 Acq: 13 Dec 2019 18:56

Tgt Ion:172 Resp: 14974
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.2 42.4
 170 23.6 19.4 29.0

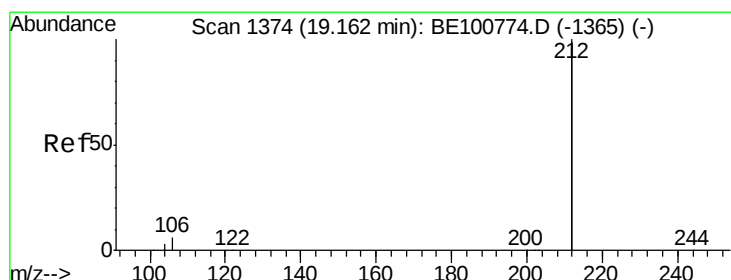
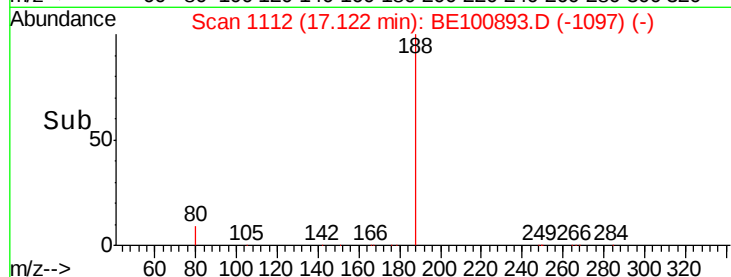
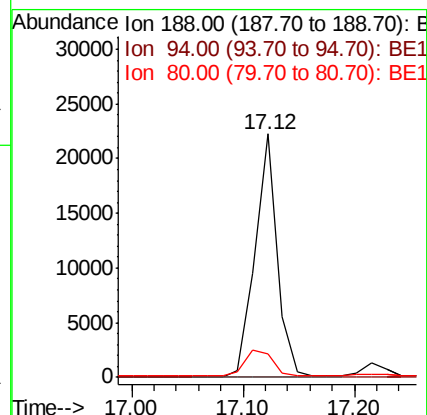
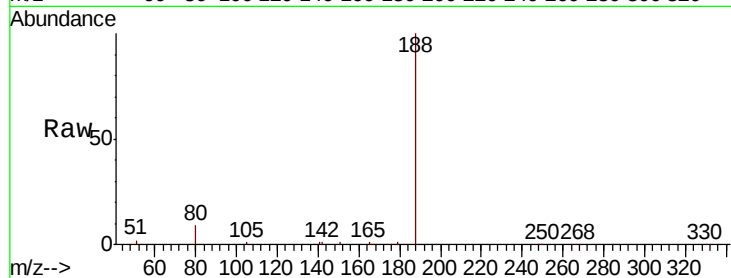




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100893.D
Acq: 13 Dec 2019 18:56

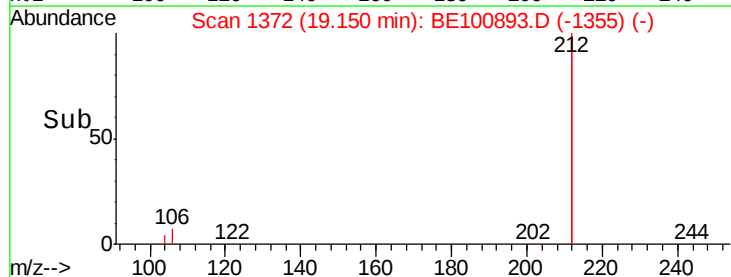
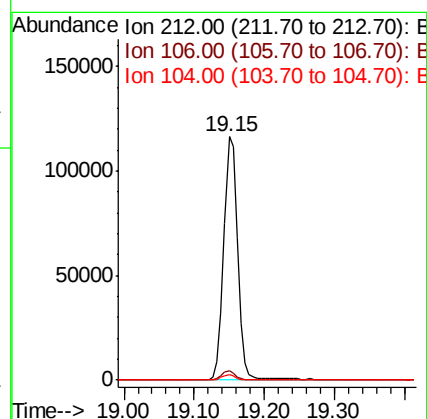
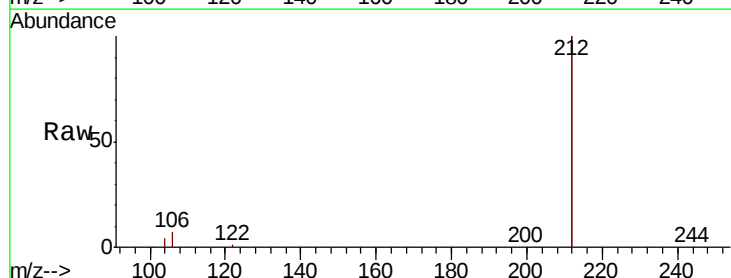
Instrument :
BNA_E
ClientSampleId :
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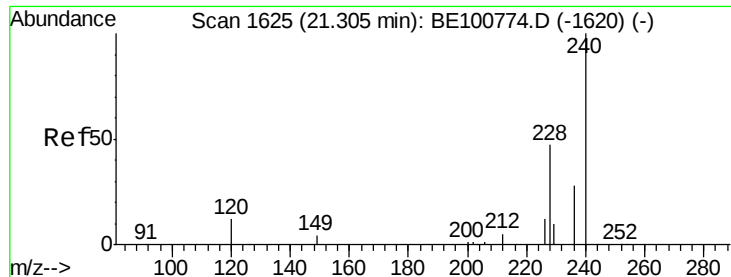
Tot Ion:188 Resp: 30812
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.9 11.9



#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE100893.D
Acq: 13 Dec 2019 18:56

Tgt Ion:212 Resp: 157296
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 2.0 1.4 2.2

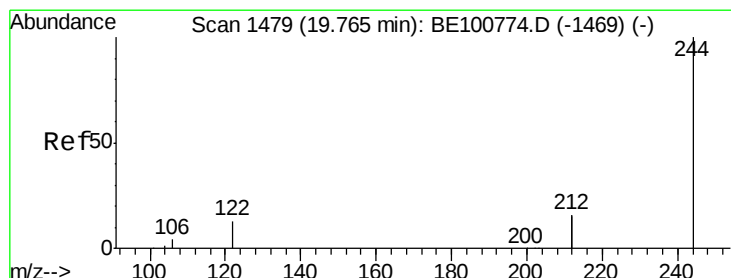
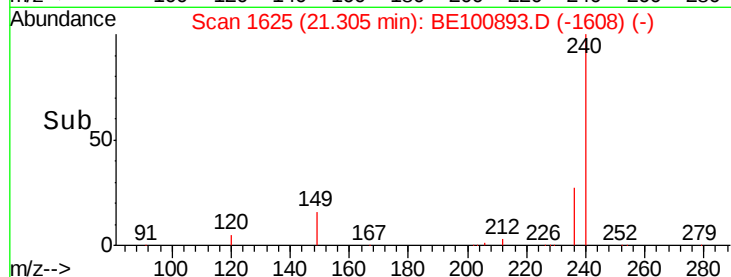
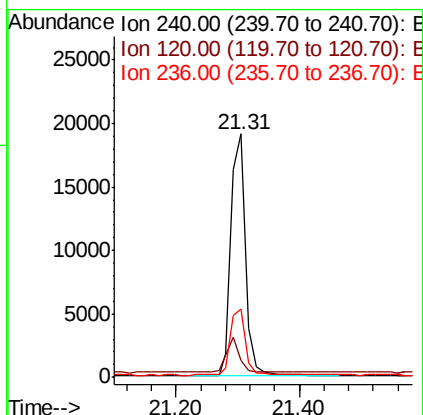
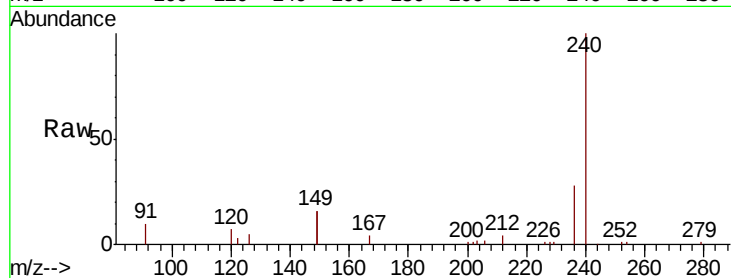




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE100893.D
 Acq: 13 Dec 2019 18:56

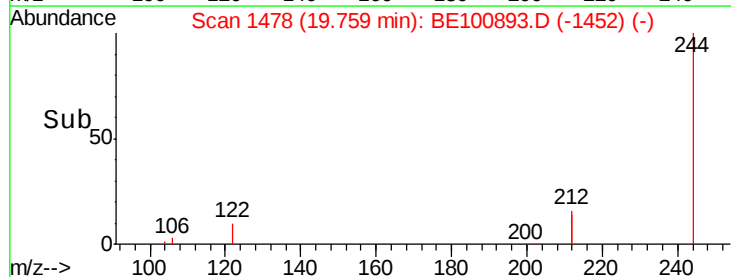
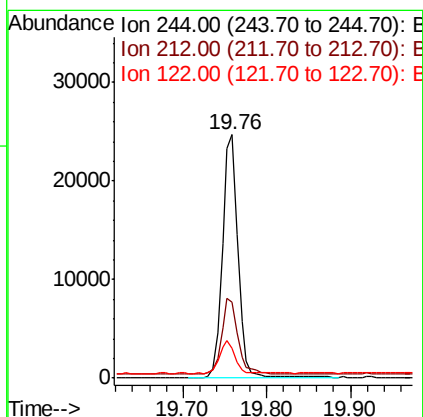
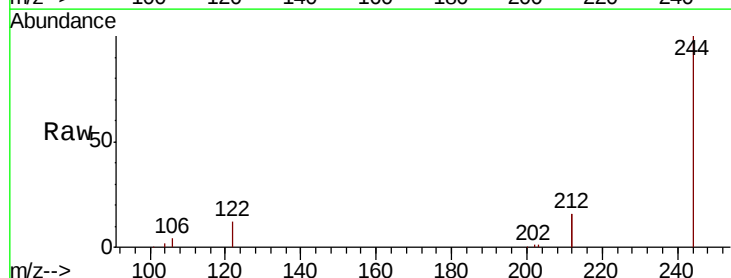
Instrument :
 BNA_E
 ClientSampleId :
 RE139D2-20191206

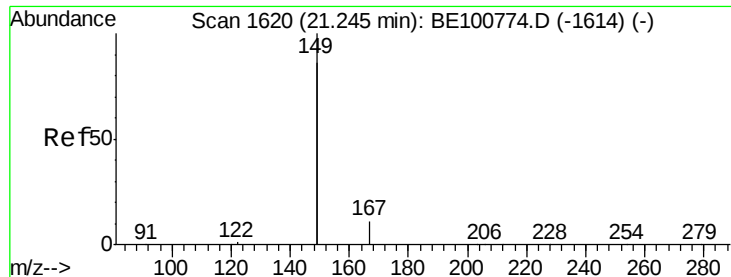
Tot Ion:240 Resp: 31344
 Ion Ratio Lower Upper
 240 100
 120 6.9 4.0 6.0#
 236 27.9 21.6 32.4



#29
 Terphenyl-d14
 Concen: 0.418 ng
 RT: 19.76 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BE100893.D
 Acq: 13 Dec 2019 18:56

Tgt Ion:244 Resp: 31389
 Ion Ratio Lower Upper
 244 100
 212 31.2 25.2 37.8
 122 12.2 8.9 13.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.889 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

Instrument :

BNA_E

ClientSampleId :

RE139D2-20191206

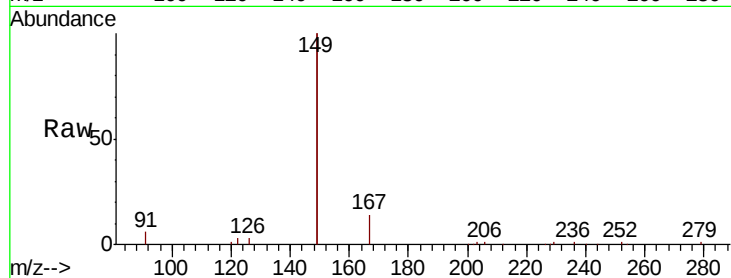
Tot Ion:149 Resp: 61492

Ion Ratio Lower Upper

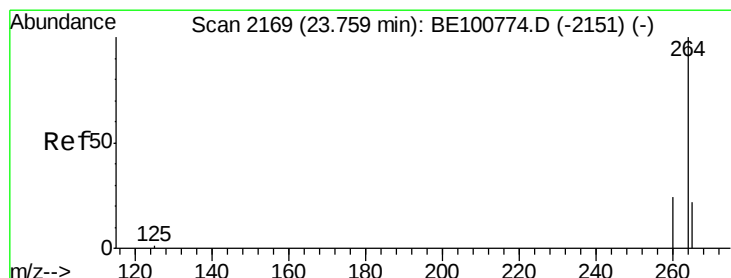
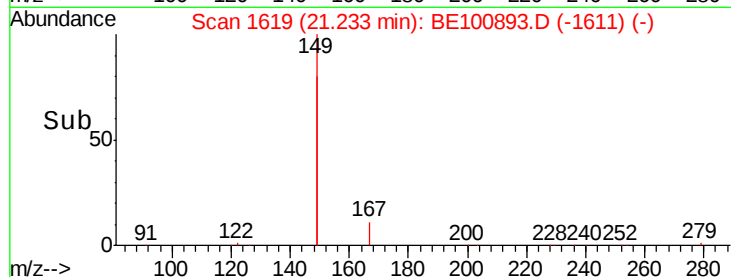
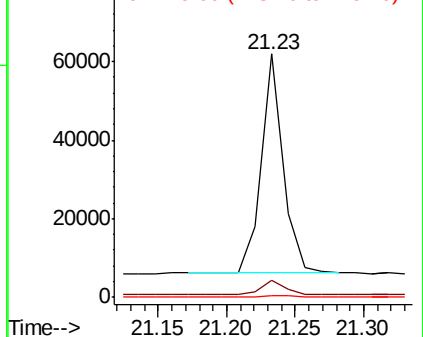
149 100

167 6.8 5.0 7.4

279 0.9 0.6 1.0



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: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100893.D

Acq: 13 Dec 2019 18:56

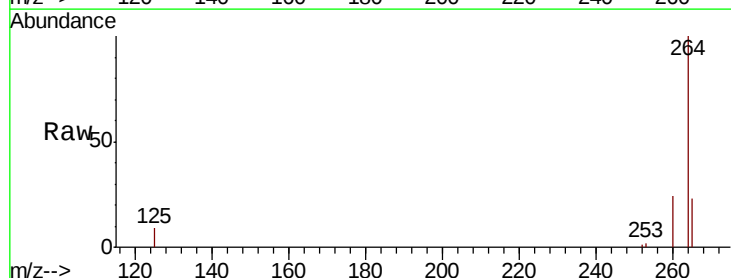
Tgt Ion:264 Resp: 34548

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 23.1 20.1 30.1



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

