

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100905.D
 Acq On : 14 Dec 2019 3:11
 Operator : JU
 Sample : K6251-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 14 04:26:09 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

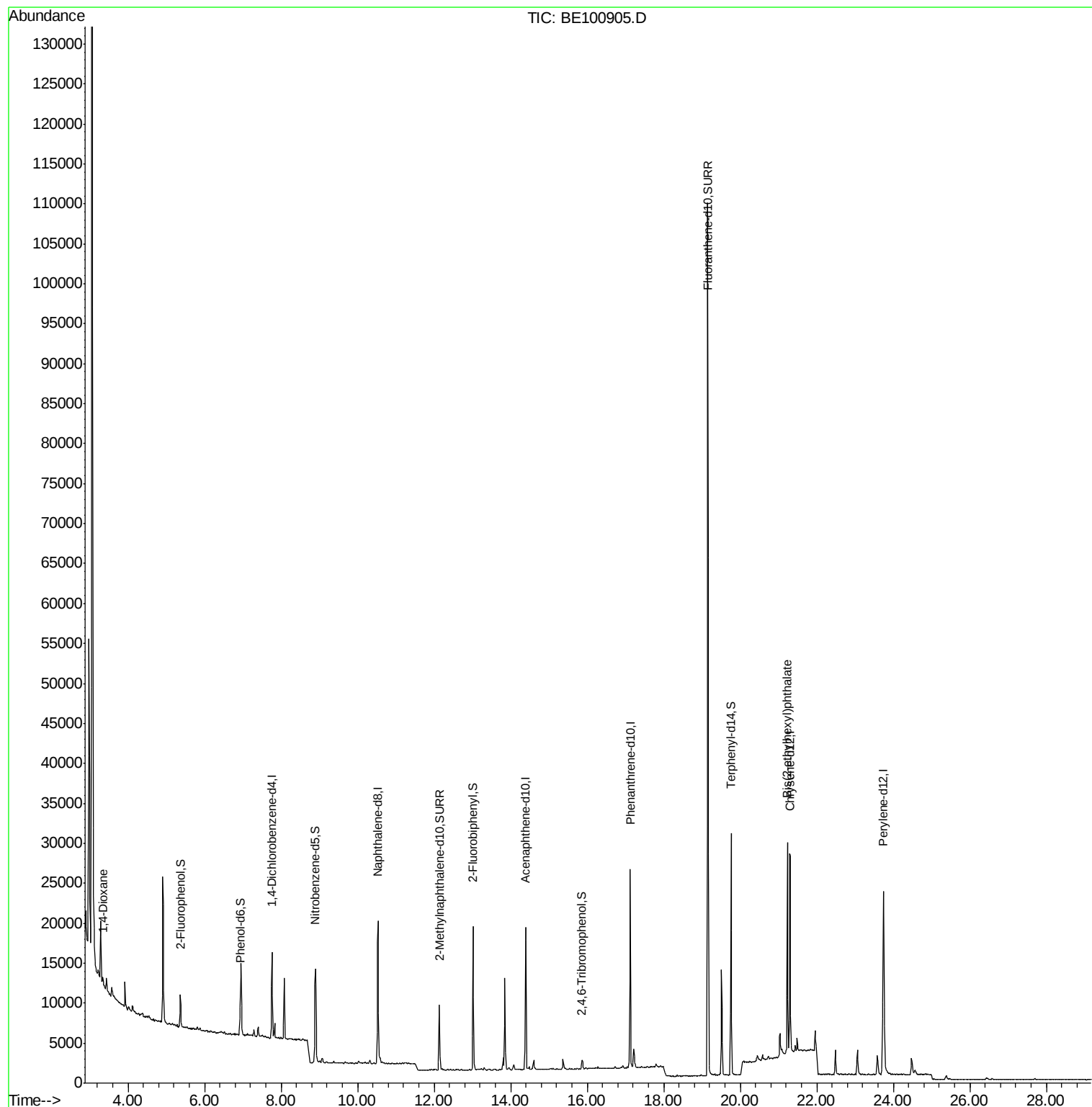
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4749	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21392	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12085	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31261	0.40	ng	0.00
27) Chrysene-d12	21.31	240	29572	0.40	ng	0.00
34) Perylene-d12	23.74	264	34707	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	2062	0.18	ng	-0.01
5) Phenol-d6	6.93	99	2014	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	5261	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	11888	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	660	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	15885	0.33	ng	0.00
25) Fluoranthene-d10	19.15	212	143200	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	27123	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	723	0.084	ng	Qvalue # 78
32) Bis(2-ethylhexyl)phthalate	21.23	149	28270	0.462	ng	98

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

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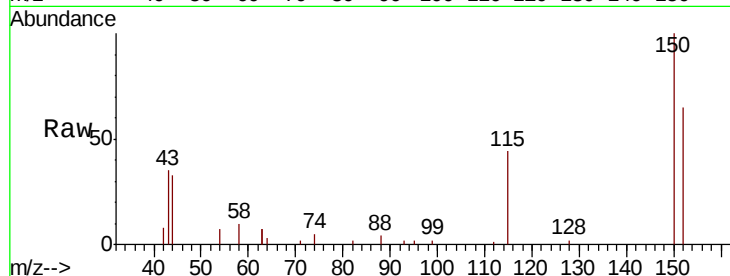


#1

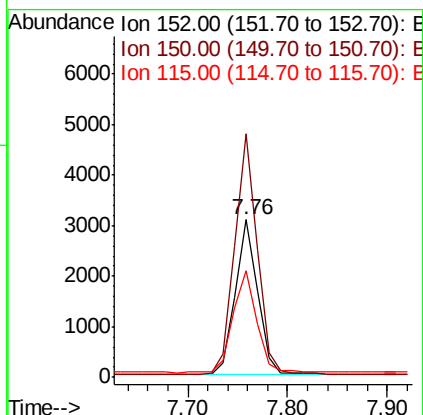
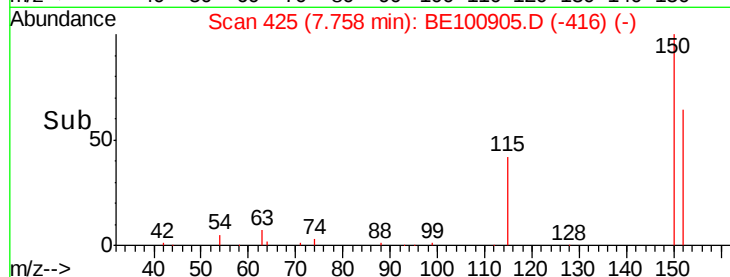
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100905.D
Acq: 14 Dec 2019 3:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4749
Ion Ratio Lower Upper
152 100
150 154.5 125.5 188.3
115 67.9 55.7 83.5



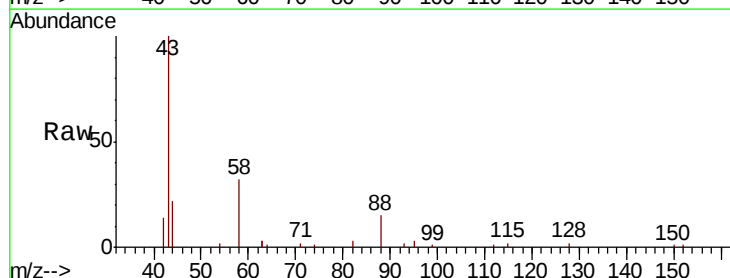
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



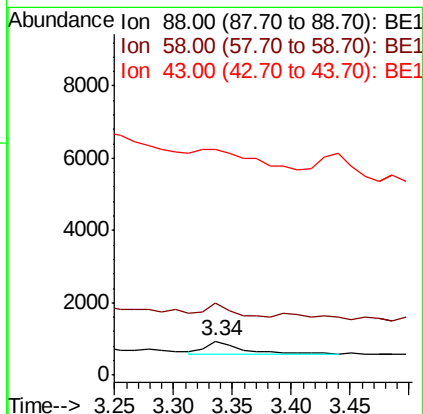
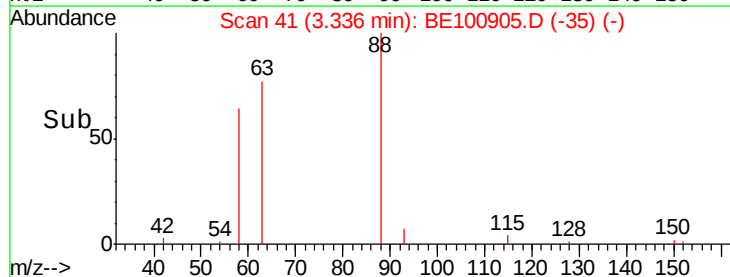
#2

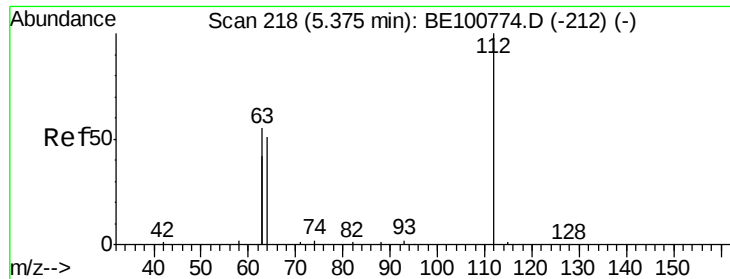
1,4-Dioxane
Concen: 0.084 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100905.D
Acq: 14 Dec 2019 3:11

Tgt Ion: 88 Resp: 723
Ion Ratio Lower Upper
88 100
58 71.6 52.3 78.5
43 0.0 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: 0.183 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100905.D

Acq: 14 Dec 2019 3:11

Instrument :

BNA_E

ClientSampleId :

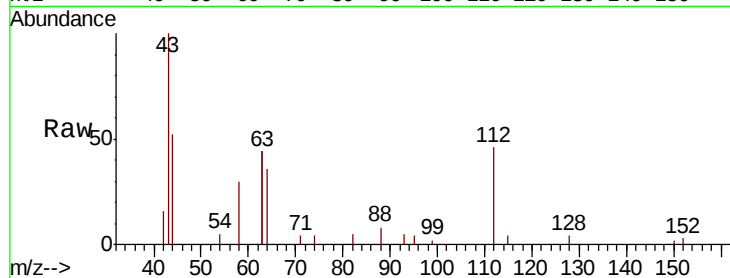
Tot Ion:112 Resp: 2062

Ion Ratio Lower Upper

112 100

64 67.1 54.5 81.7

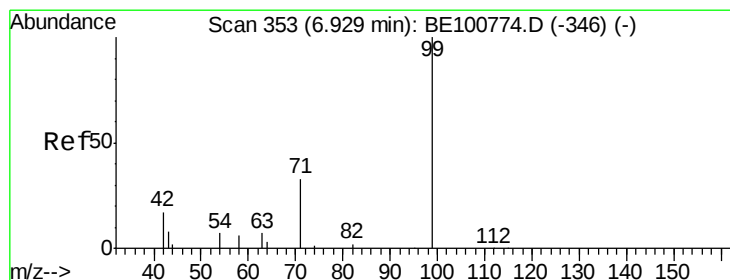
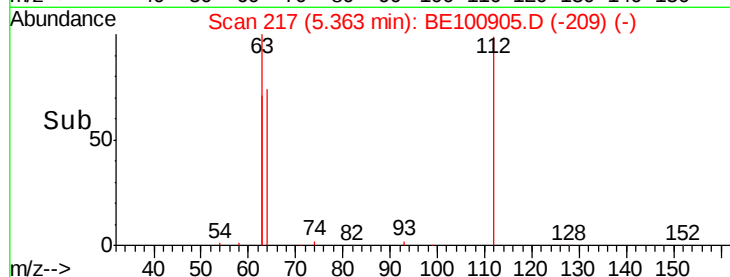
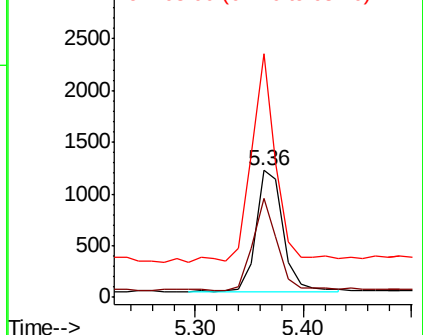
63 153.0 116.1 174.1



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: 0.118 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100905.D

Acq: 14 Dec 2019 3:11

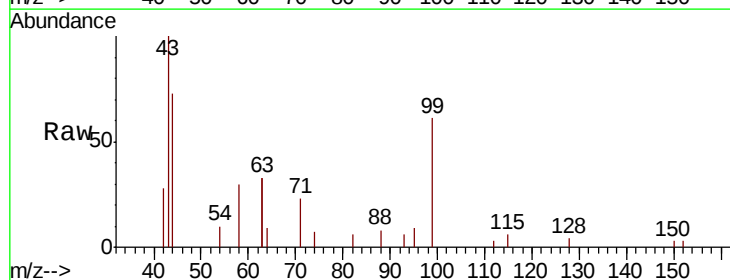
Tgt Ion: 99 Resp: 2014

Ion Ratio Lower Upper

99 100

42 43.9 18.2 27.2#

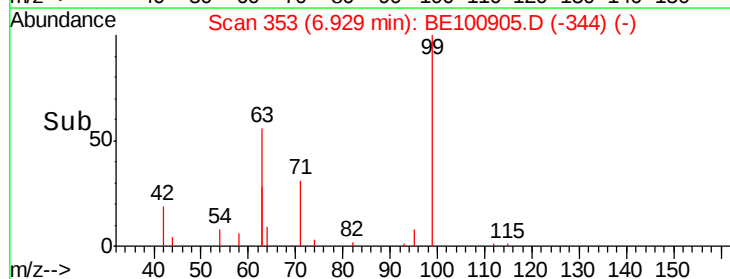
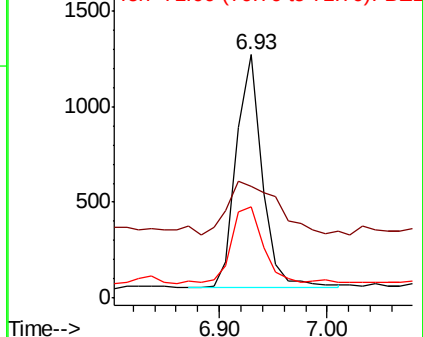
71 40.6 29.1 43.7

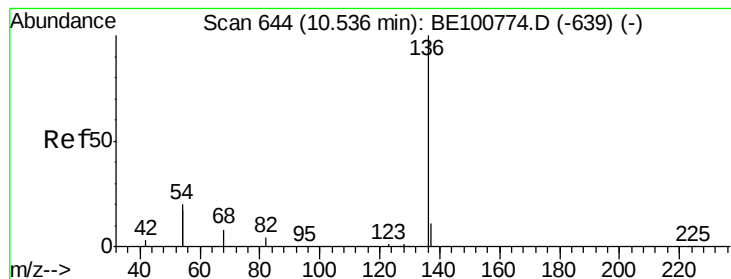


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100905.D

Acq: 14 Dec 2019 3:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 21392

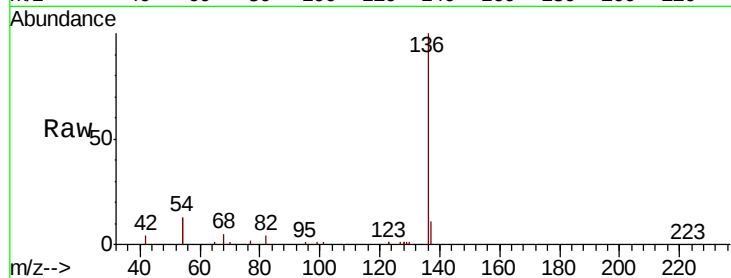
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 26.3 18.9 28.3

68 5.3 4.6 6.8

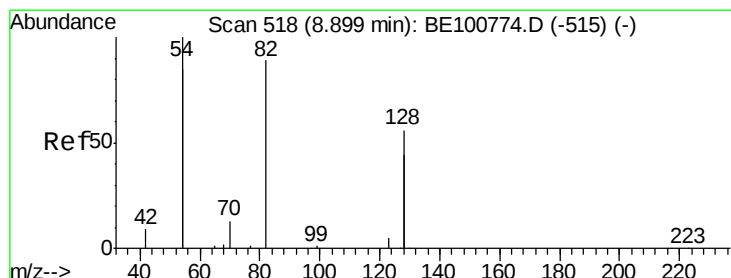
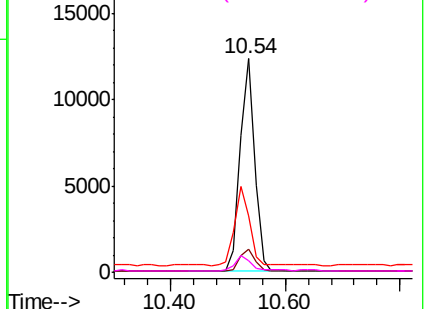
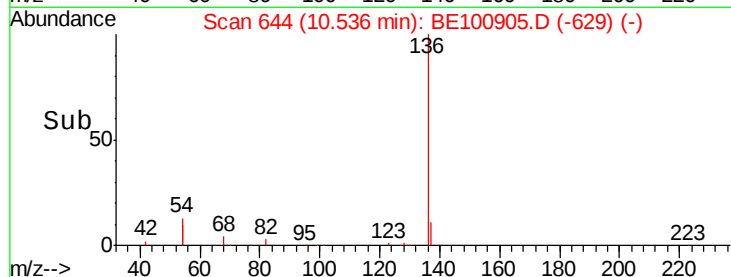


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.516 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100905.D

Acq: 14 Dec 2019 3:11

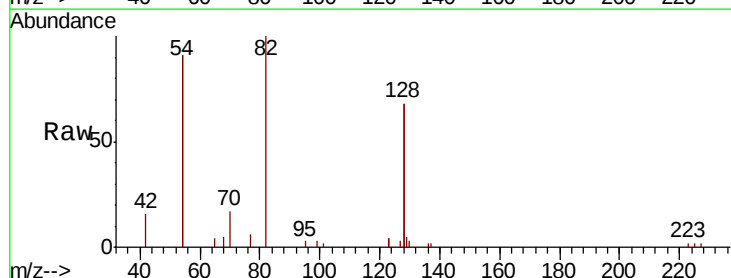
Tgt Ion: 82 Resp: 5261

Ion Ratio Lower Upper

82 100

128 136.9 113.5 170.3

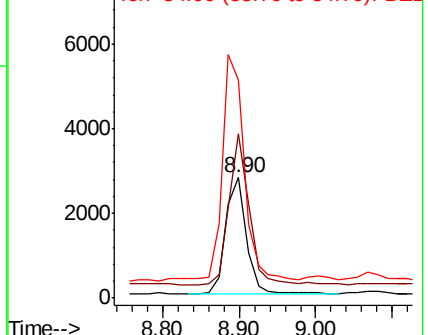
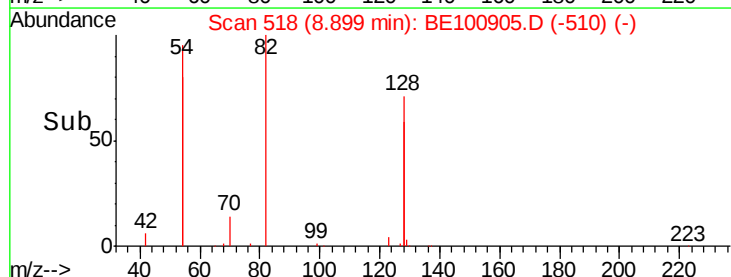
54 181.6 138.9 208.3

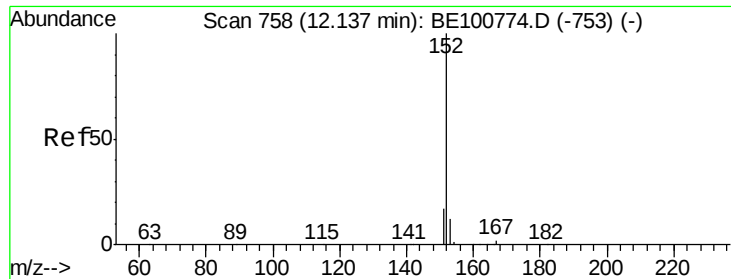


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

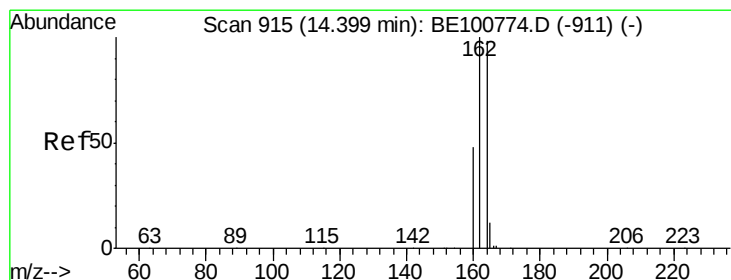
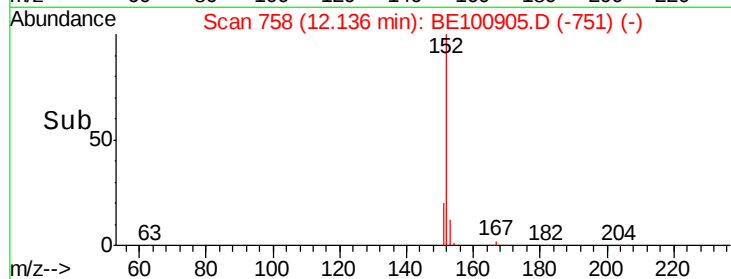
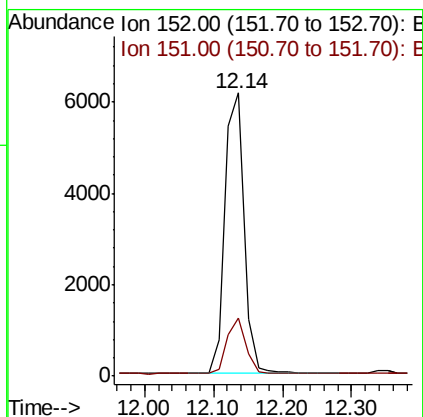
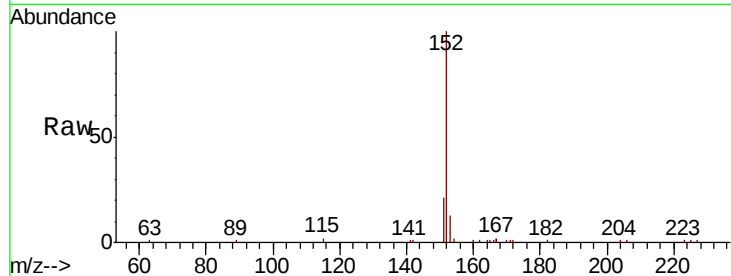




#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100905.D
Acq: 14 Dec 2019 3:11

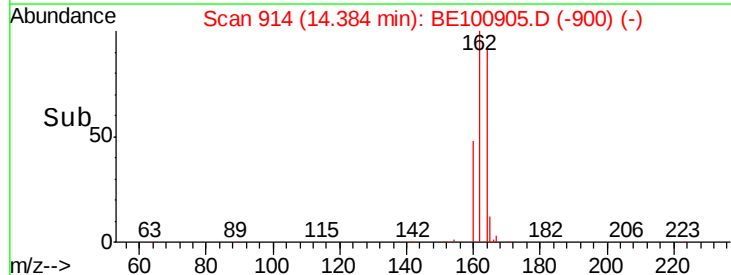
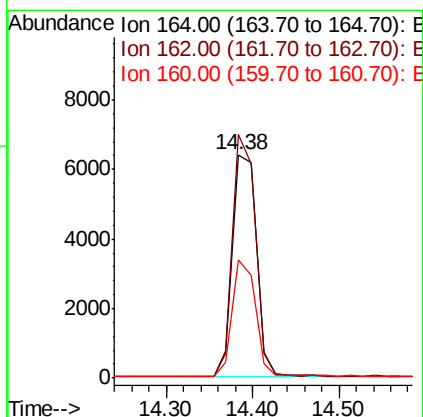
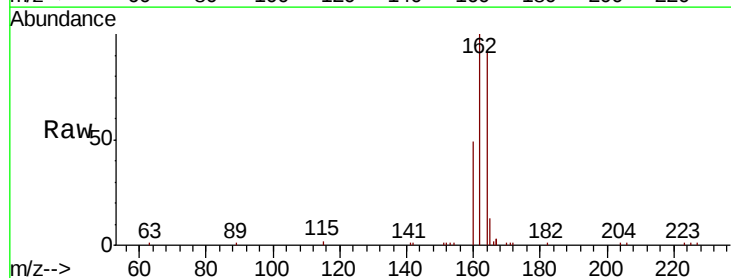
Instrument :
BNA_E
ClientSampleId :

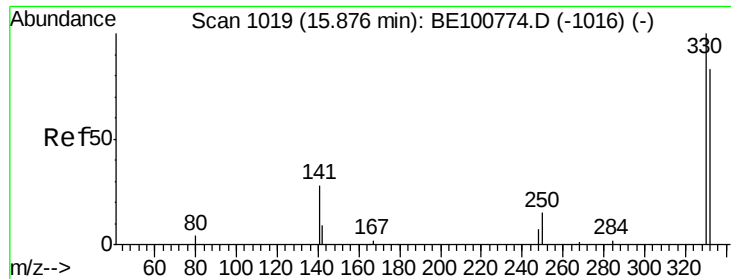
Tot Ion:152 Resp: 11888
Ion Ratio Lower Upper
152 100
151 19.3 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100905.D
Acq: 14 Dec 2019 3:11

Tgt Ion:164 Resp: 12085
Ion Ratio Lower Upper
164 100
162 108.8 86.0 129.0
160 52.8 42.3 63.5

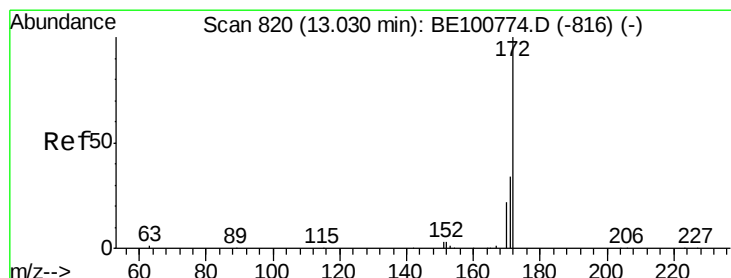
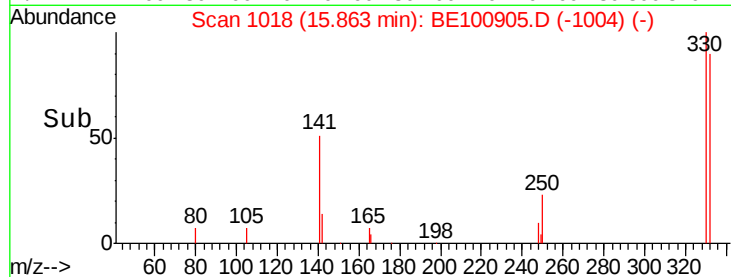
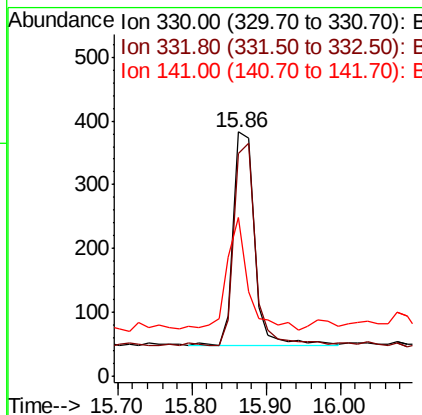
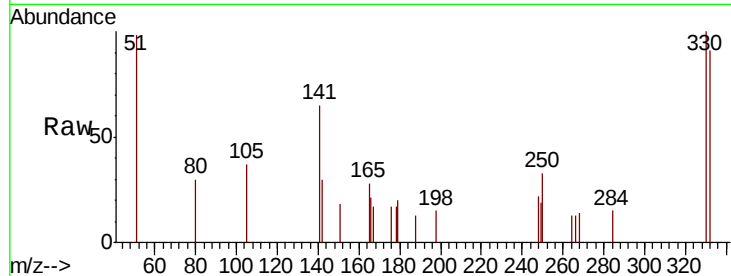




#14
 2,4,6-Tribromophenol
 Concen: 0.491 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100905.D
 Acq: 14 Dec 2019 3:11

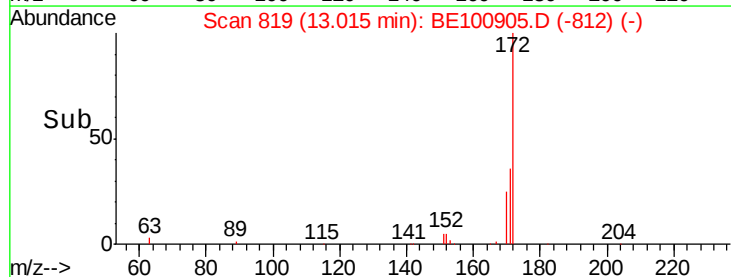
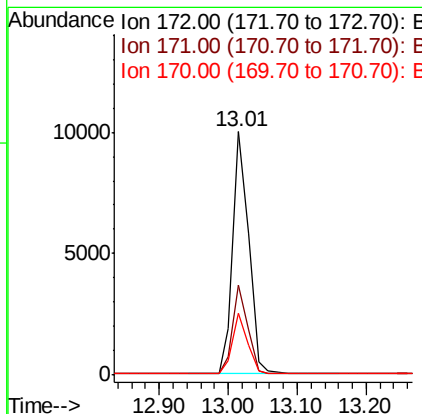
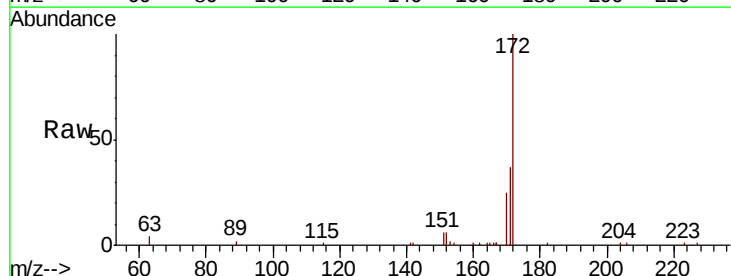
Instrument :
 BNA_E
 ClientSampleId :

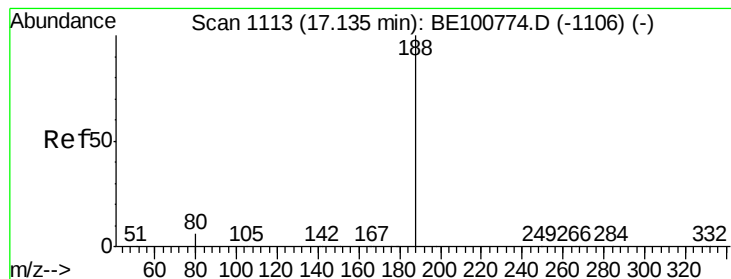
Tot Ion:330 Resp: 660
 Ion Ratio Lower Upper
 330 100
 332 94.8 74.1 111.1
 141 54.5 46.7 70.1



#15
 2-Fluorobiphenyl
 Concen: 0.331 ng
 RT: 13.01 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100905.D
 Acq: 14 Dec 2019 3:11

Tgt Ion:172 Resp: 15885
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.2 42.4
 170 25.2 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: BE100905.D

Acq: 14 Dec 2019 3:11

Instrument :

BNA_E

ClientSampleId :

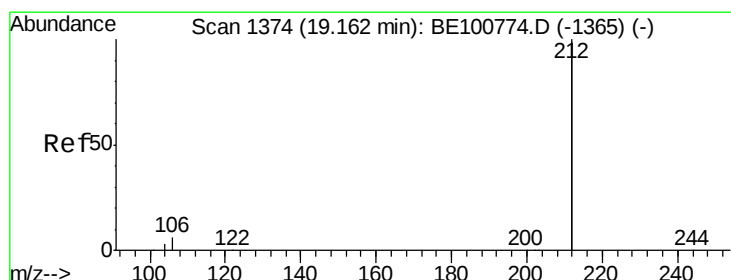
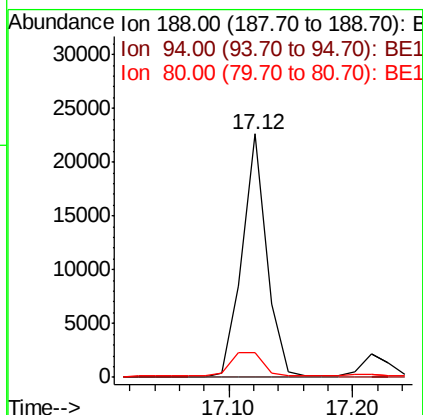
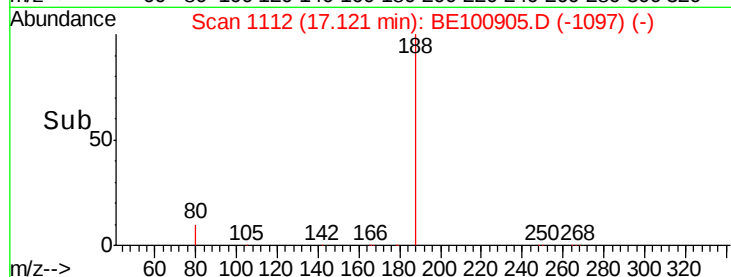
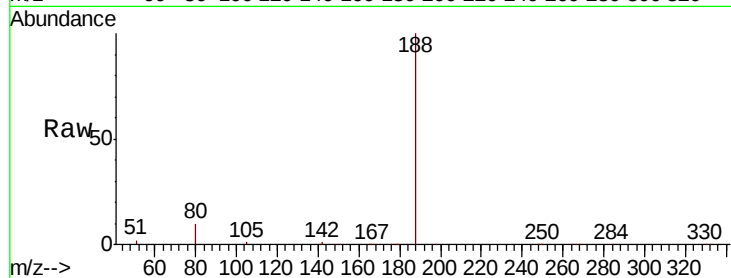
Tot Ion:188 Resp: 31261

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 7.9 11.9



#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100905.D

Acq: 14 Dec 2019 3:11

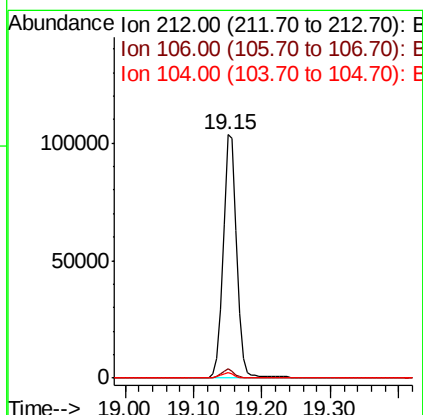
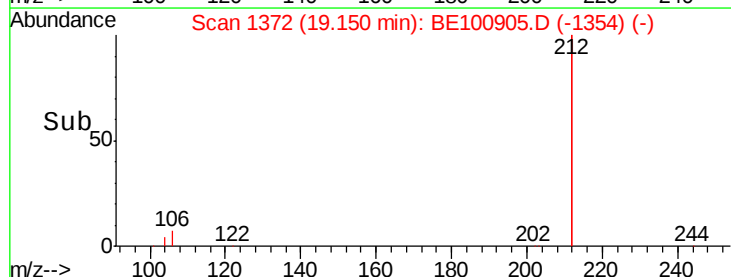
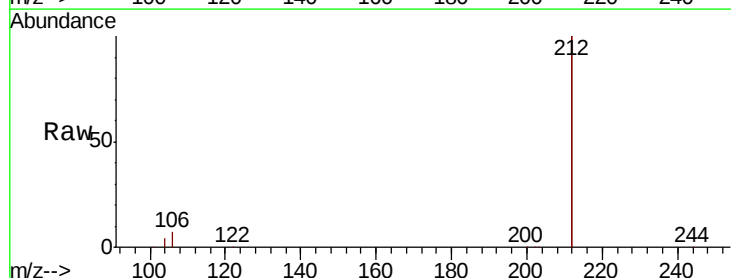
Tgt Ion:212 Resp: 143200

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

104 1.9 1.4 2.2

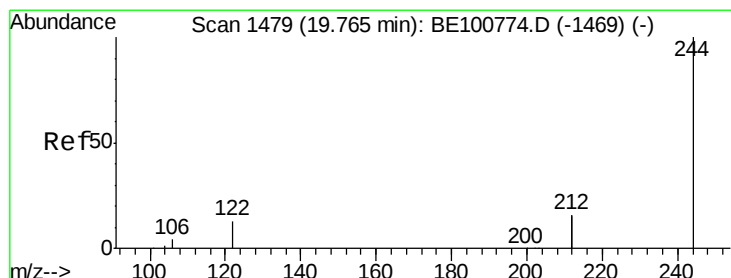
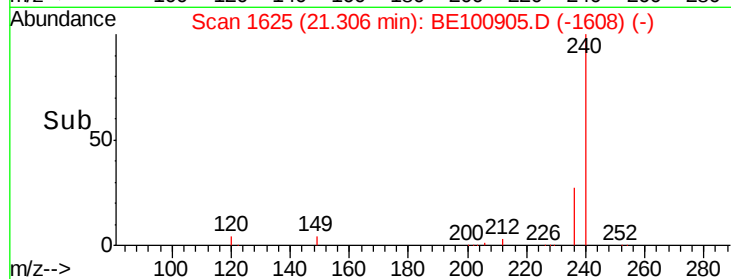
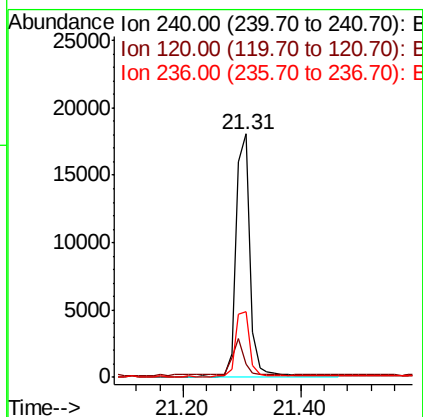
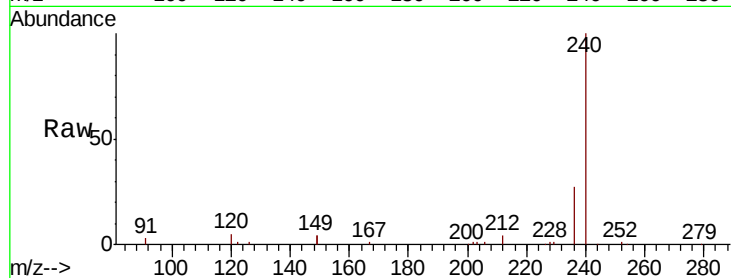




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100905.D
Acq: 14 Dec 2019 3:11

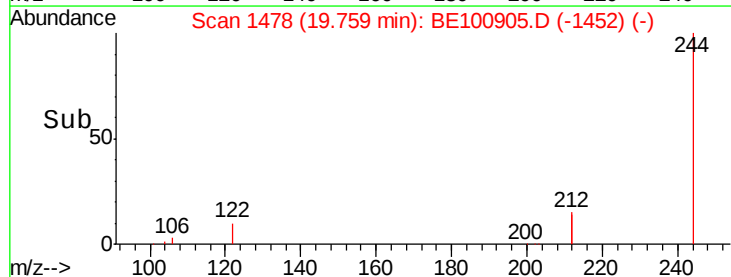
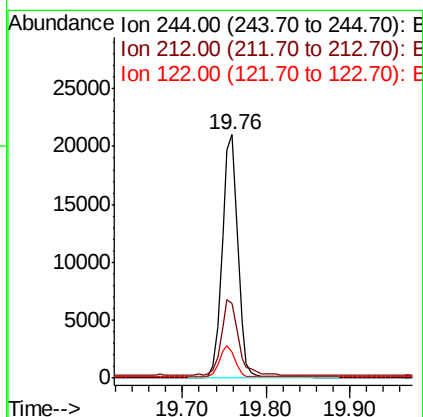
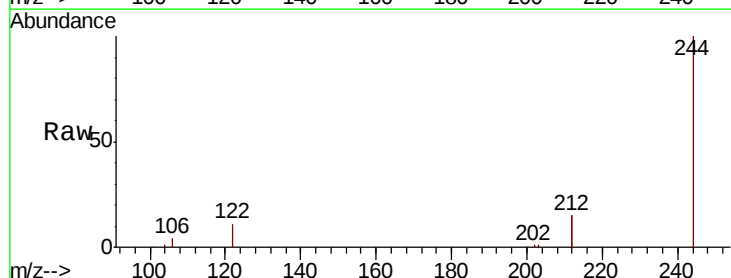
Instrument :
BNA_E
ClientSampleId :

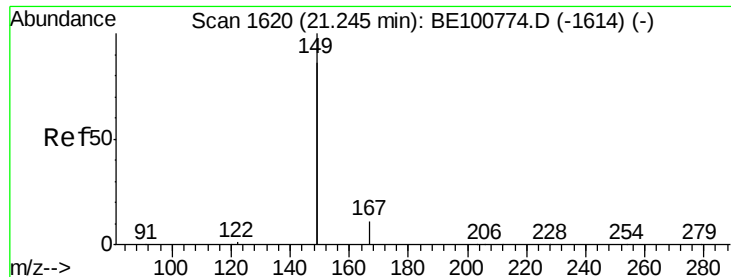
Tot Ion:240 Resp: 29572
Ion Ratio Lower Upper
240 100
120 5.4 4.0 6.0
236 27.0 21.6 32.4



#29
Terphenyl-d14
Concen: 0.383 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE100905.D
Acq: 14 Dec 2019 3:11

Tgt Ion:244 Resp: 27123
Ion Ratio Lower Upper
244 100
212 30.7 25.2 37.8
122 10.6 8.9 13.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.462 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100905.D

Acq: 14 Dec 2019 3:11

Instrument :

BNA_E

ClientSampleId :

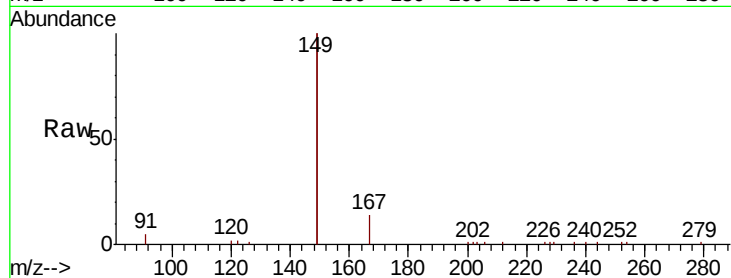
Tot Ion:149 Resp: 28270

Ion Ratio Lower Upper

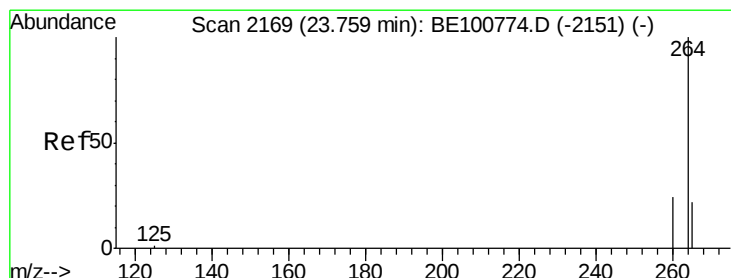
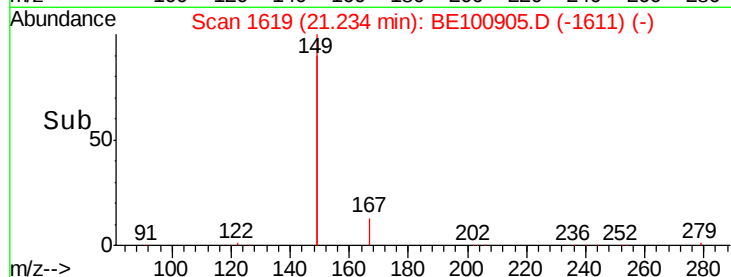
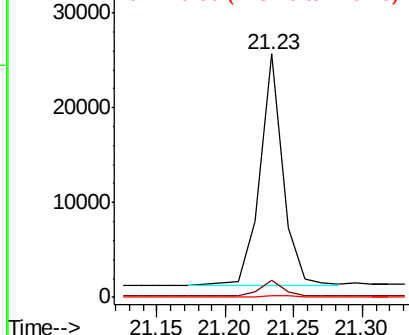
149 100

167 6.9 5.0 7.4

279 0.8 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# 2165

Delta R.T. 0.00 min

Lab File: BE100905.D

Acq: 14 Dec 2019 3:11

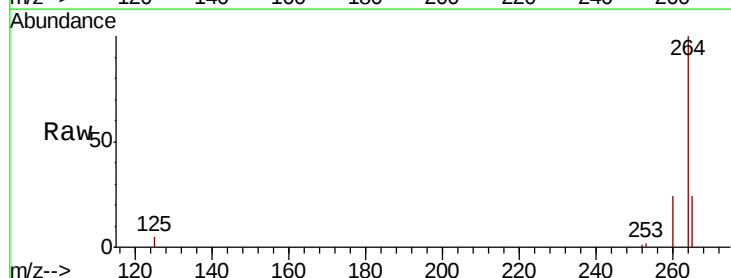
Tgt Ion:264 Resp: 34707

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 24.2 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

