

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100941.D
 Acq On : 17 Dec 2019 5:20
 Operator : JU
 Sample : K6251-20DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP05-20191207DL

Quant Time: Dec 17 07:44:43 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

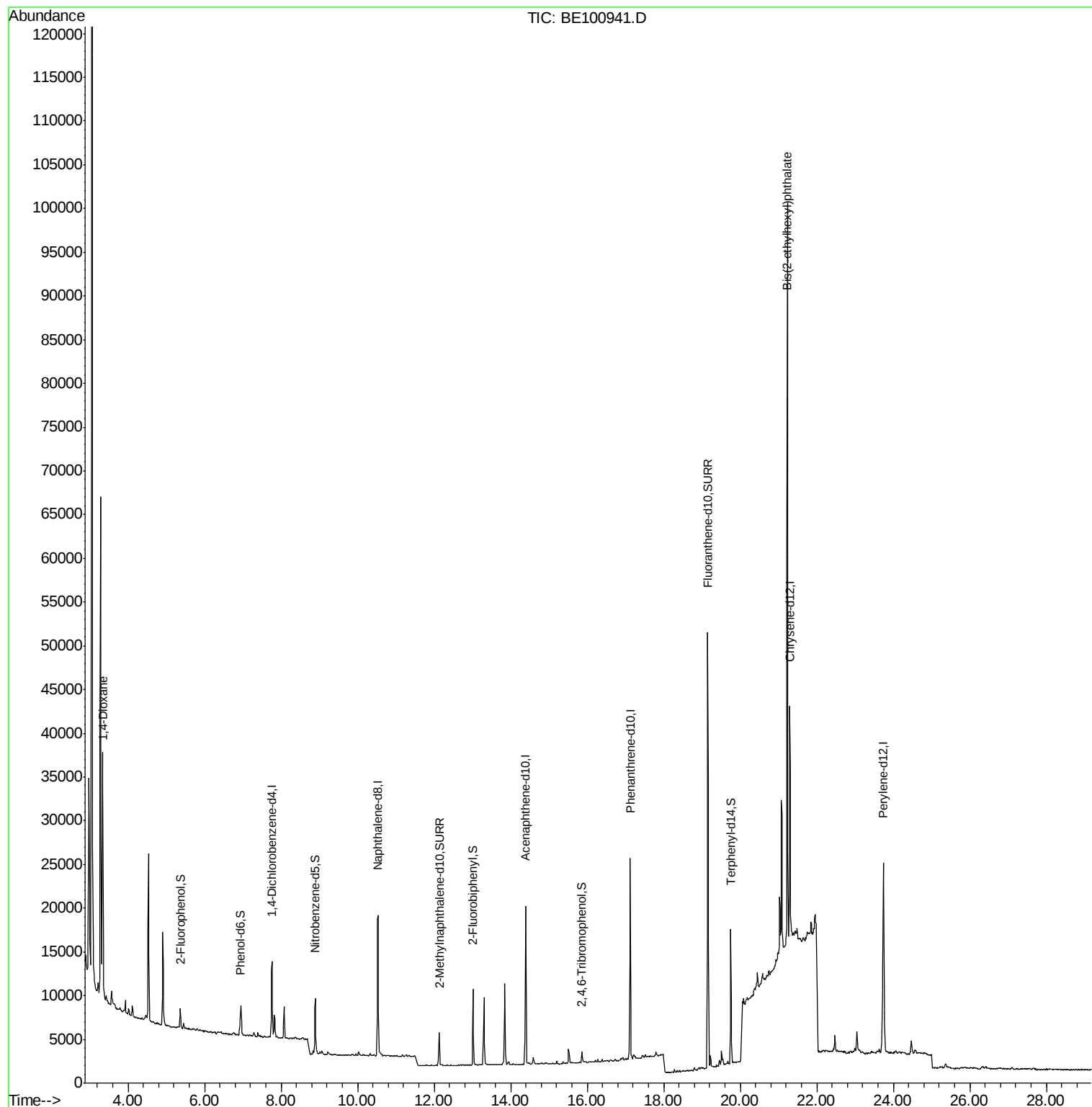
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4248	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20027	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12200	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29468	0.40	ng	0.00
27) Chrysene-d12	21.29	240	27345	0.40	ng	-0.01
34) Perylene-d12	23.74	264	32075	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1134	0.11	ng	0.00
5) Phenol-d6	6.93	99	1043	0.07	ng	0.00
8) Nitrobenzene-d5	8.90	82	2755	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	5617	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	684	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	7542	0.16	ng	0.00
25) Fluoranthene-d10	19.15	212	66780	0.19	ng	0.00
29) Terphenyl-d14	19.75	244	12581	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	19700	2.544	ng	89
32) Bis(2-ethylhexyl)phthalate	21.23	149	96663	1.413	ng	99

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

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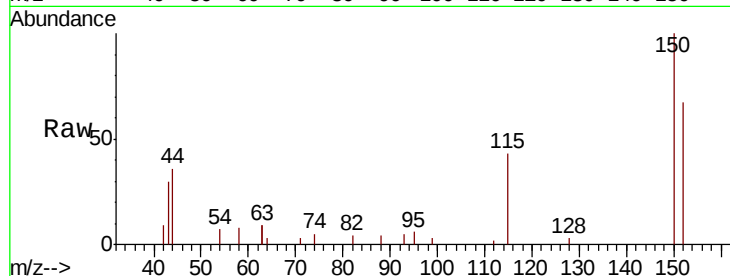


#1

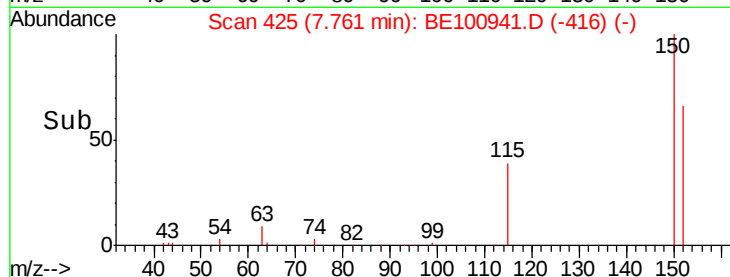
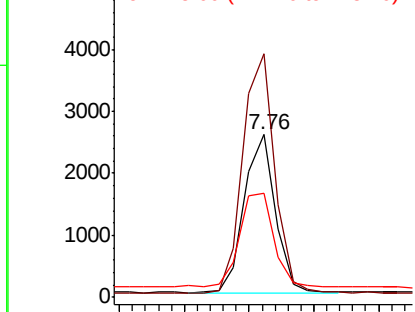
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100941.D
Acq: 17 Dec 2019 5:20

Instrument :
BNA_E
ClientSampleId :
DUP05-20191207DL

Tot Ion:152 Resp: 4248
Ion Ratio Lower Upper
152 100
150 149.8 125.5 188.3
115 64.3 55.7 83.5



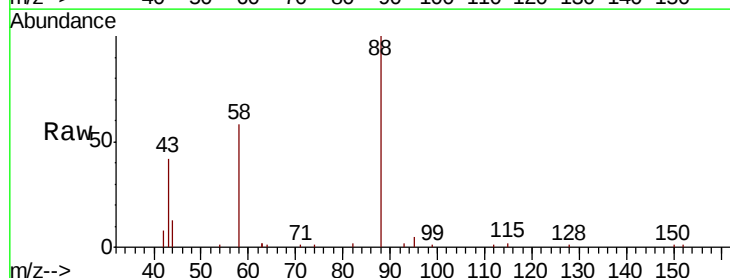
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



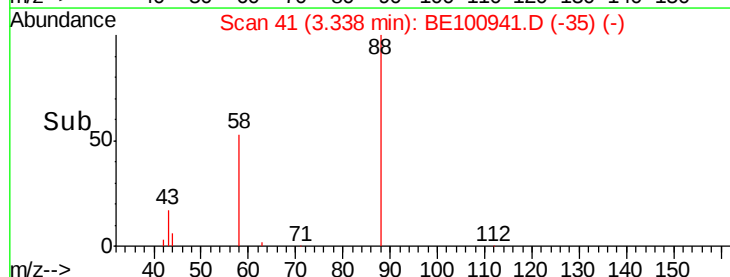
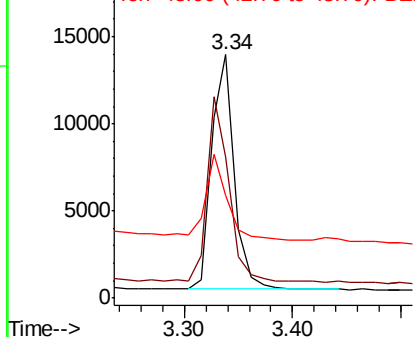
#2

1,4-Dioxane
Concen: 2.544 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100941.D
Acq: 17 Dec 2019 5:20

Tgt Ion: 88 Resp: 19700
Ion Ratio Lower Upper
88 100
58 74.9 52.3 78.5
43 34.0 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: 0.112 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

DUP05-20191207DL

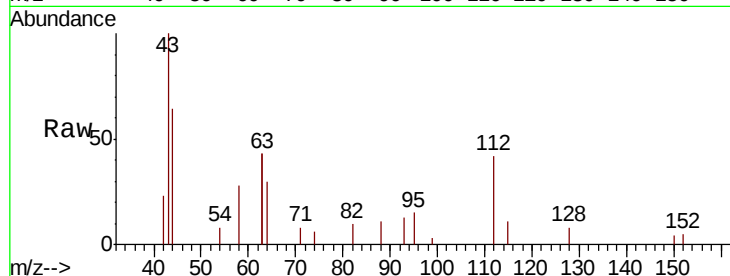
Tot Ion:112 Resp: 1134

Ion Ratio Lower Upper

112 100

64 70.9 54.5 81.7

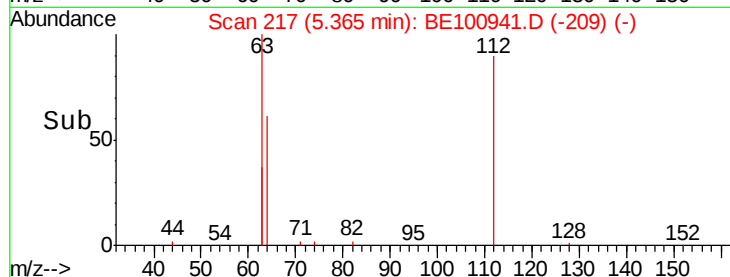
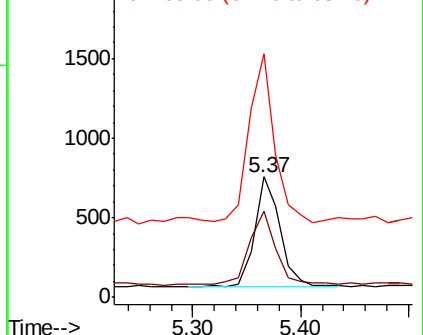
63 151.6 116.1 174.1



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: 0.069 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

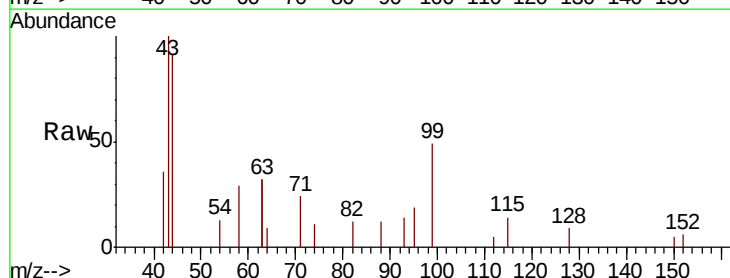
Tgt Ion: 99 Resp: 1043

Ion Ratio Lower Upper

99 100

42 47.7 18.2 27.2#

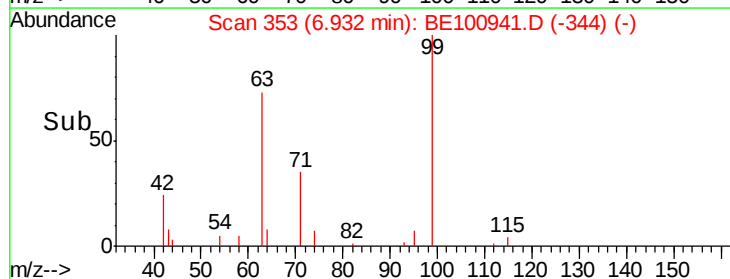
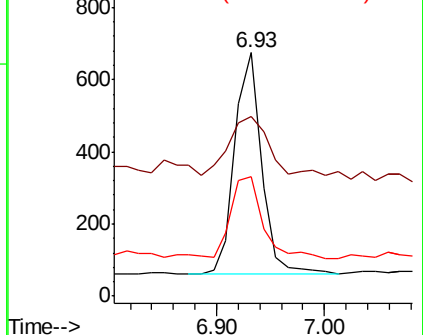
71 43.7 29.1 43.7#



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: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

DUP05-20191207DL

Tot Ion:136 Resp: 20027

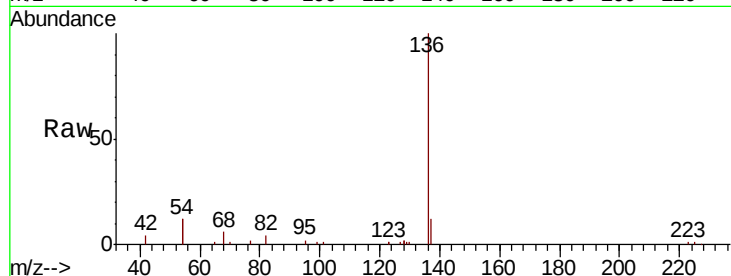
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 24.7 18.9 28.3

68 6.4 4.6 6.8

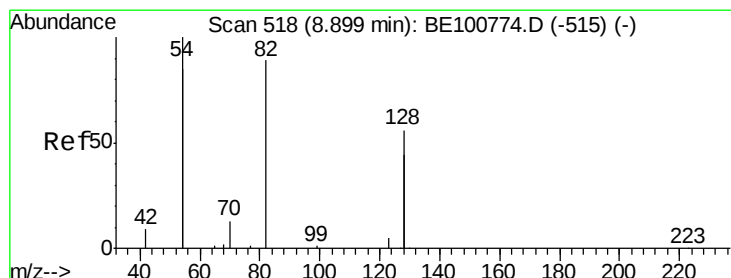
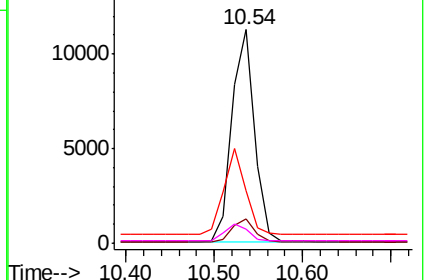
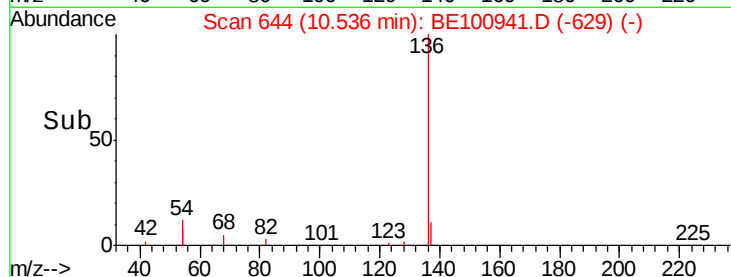


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.289 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

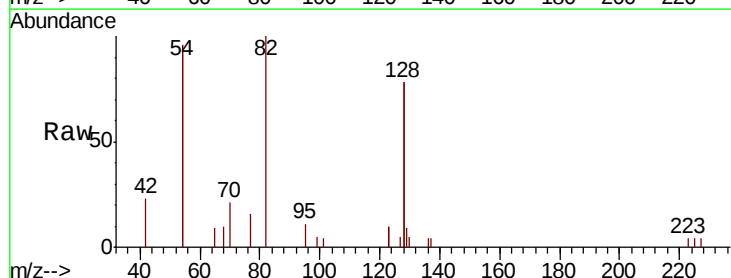
Tgt Ion: 82 Resp: 2755

Ion Ratio Lower Upper

82 100

128 156.6 113.5 170.3

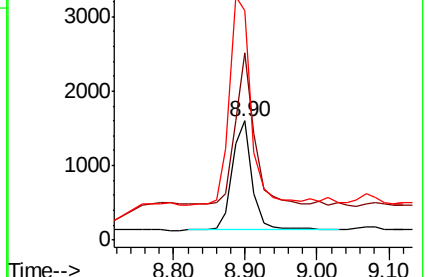
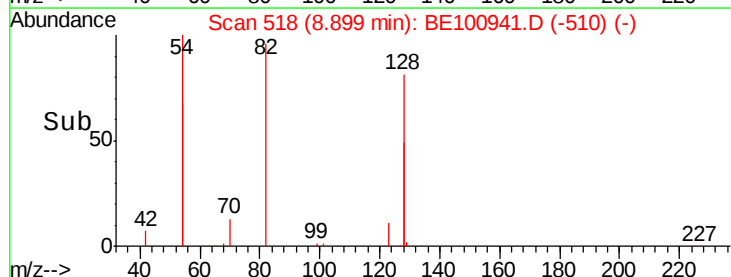
54 192.6 138.9 208.3

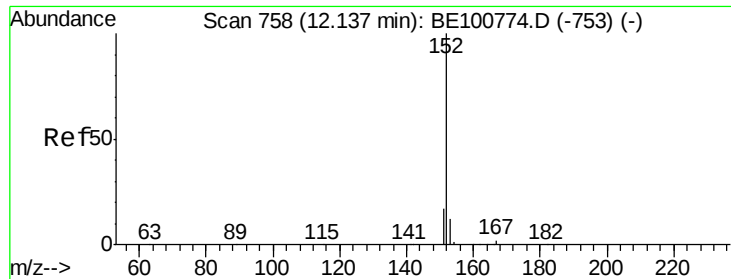


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.194 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

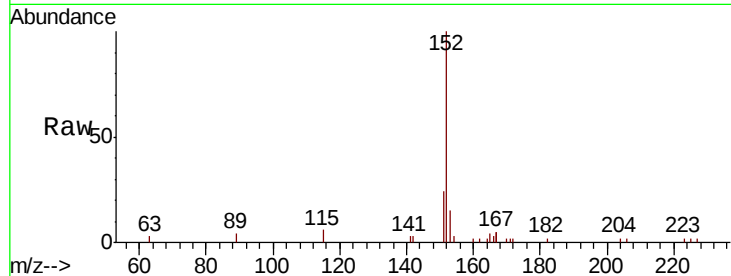
DUP05-20191207DL

Tot Ion:152 Resp: 5617

Ion Ratio Lower Upper

152 100

151 20.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

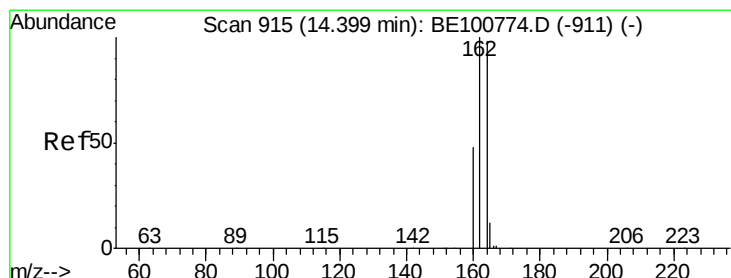
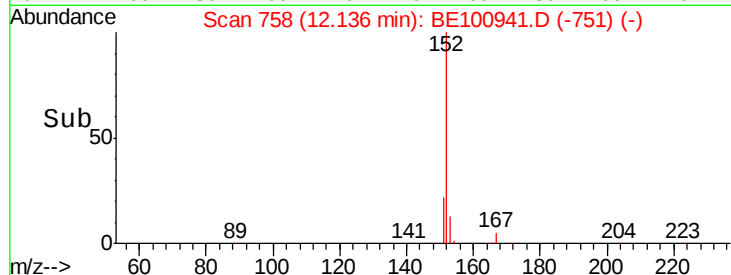
3000

2000

1000

0

Time--> 12.00 12.10 12.20



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

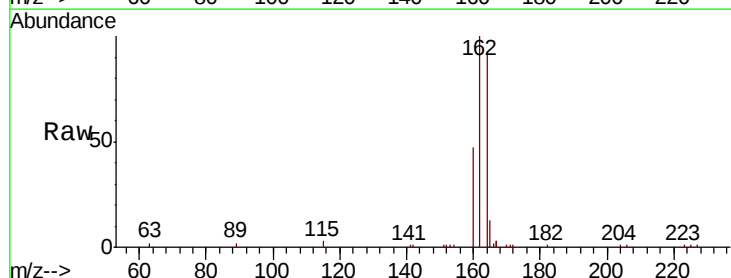
Tgt Ion:164 Resp: 12200

Ion Ratio Lower Upper

164 100

162 108.0 86.0 129.0

160 51.0 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

14.38

10000

8000

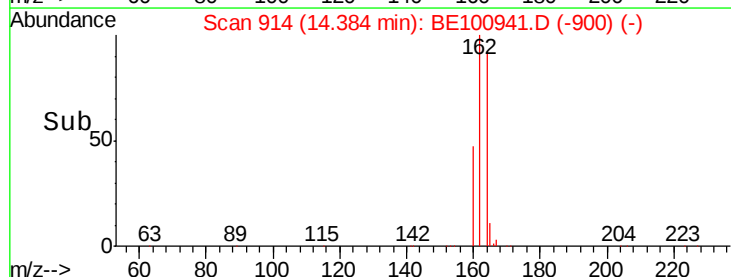
6000

4000

2000

0

Time--> 14.30 14.40 14.50

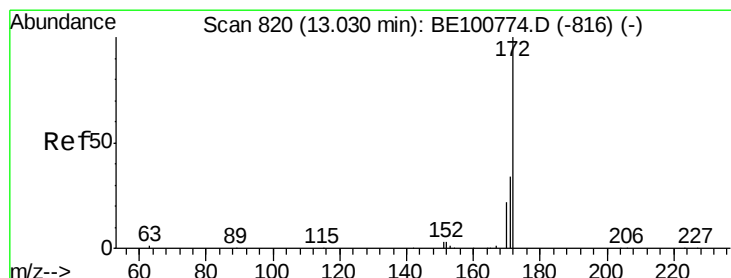
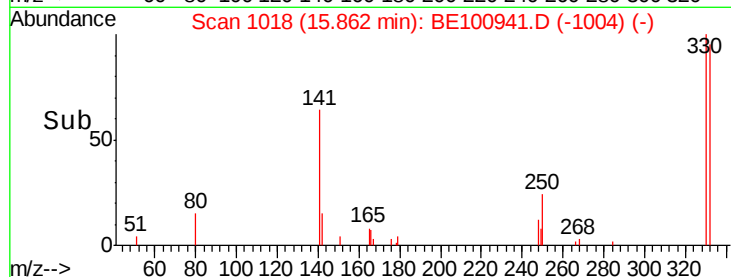
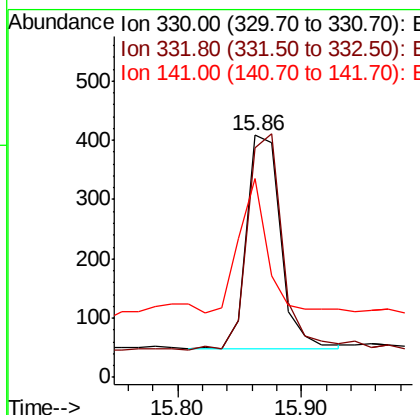
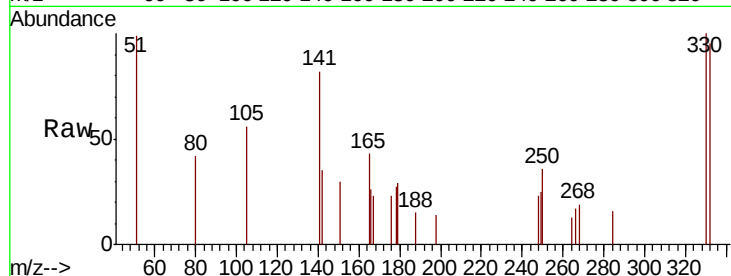




#14
 2,4,6-Tribromophenol
 Concen: 0.504 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100941.D
 Acq: 17 Dec 2019 5:20

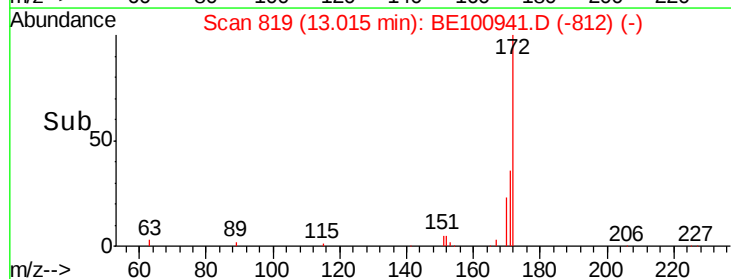
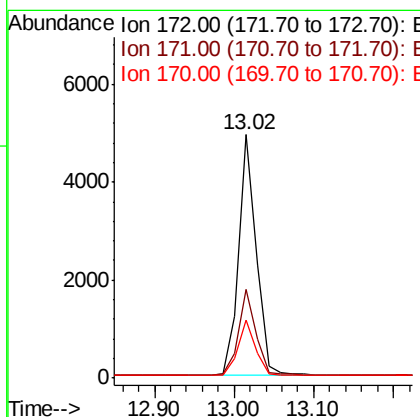
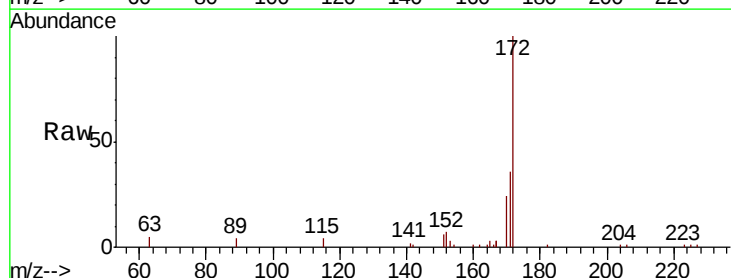
Instrument :
 BNA_E
 ClientSampleId :
 DUP05-20191207DL

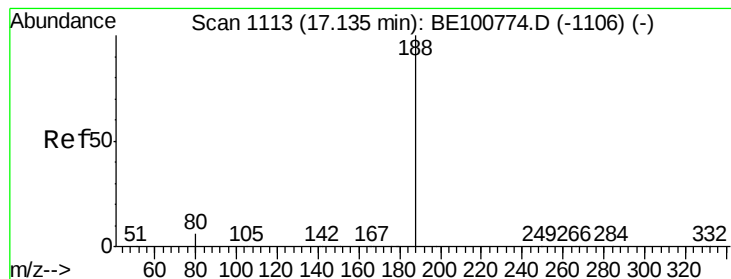
Tot Ion:330 Resp: 684
 Ion Ratio Lower Upper
 330 100
 332 108.2 74.1 111.1
 141 56.0 46.7 70.1



#15
 2-Fluorobiphenyl
 Concen: 0.156 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100941.D
 Acq: 17 Dec 2019 5:20

Tgt Ion:172 Resp: 7542
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.2 42.4
 170 24.1 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: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

DUP05-20191207DL

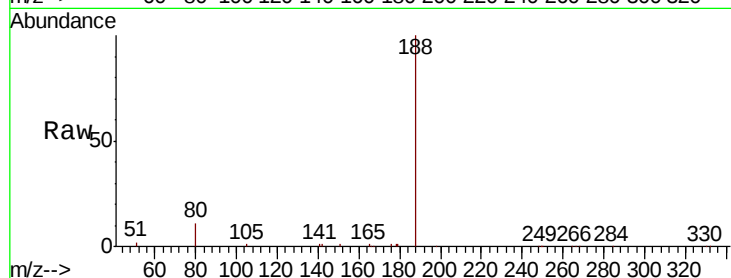
Tot Ion:188 Resp: 29468

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

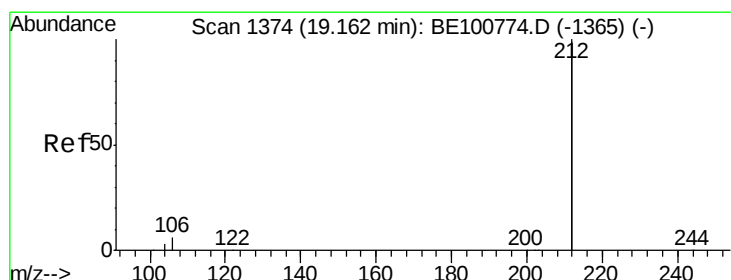
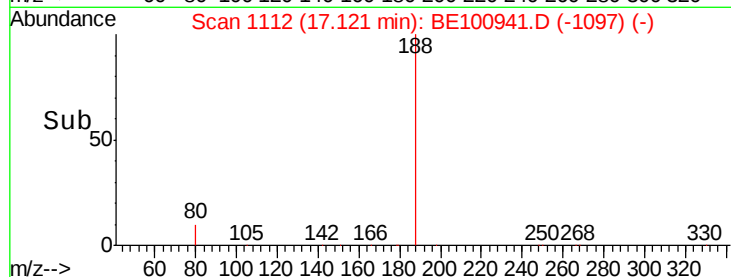
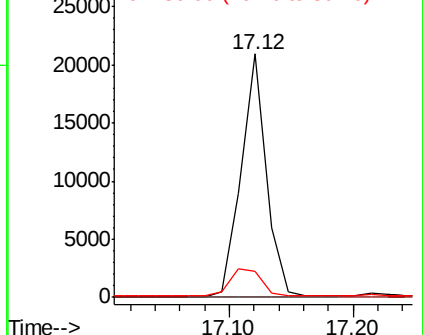
80 10.8 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

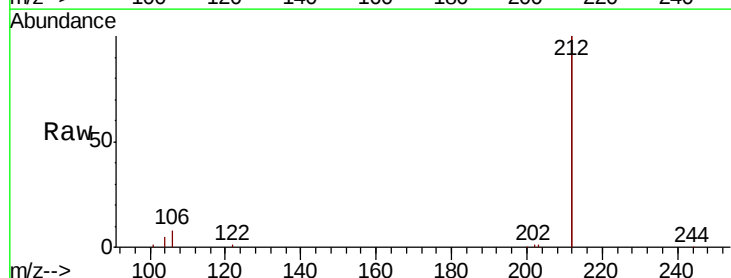
Tgt Ion:212 Resp: 66780

Ion Ratio Lower Upper

212 100

106 3.7 2.6 4.0

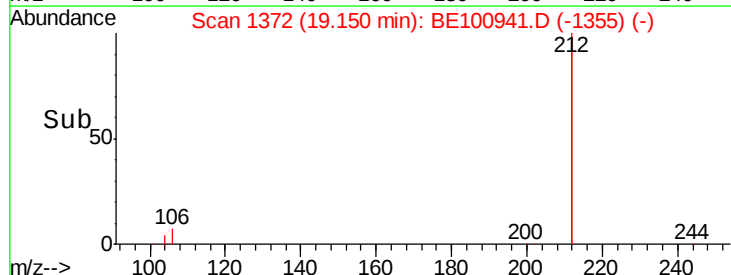
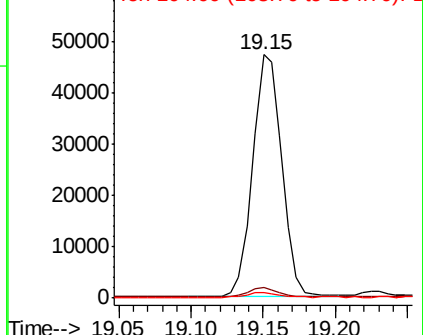
104 2.0 1.4 2.2



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: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

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DUP05-20191207DL

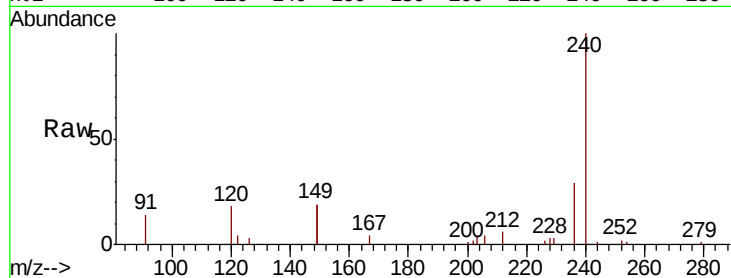
Tot Ion:240 Resp: 27345

Ion Ratio Lower Upper

240 100

120 18.1 4.0 6.0#

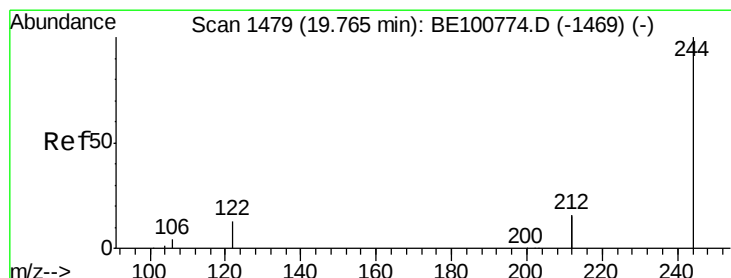
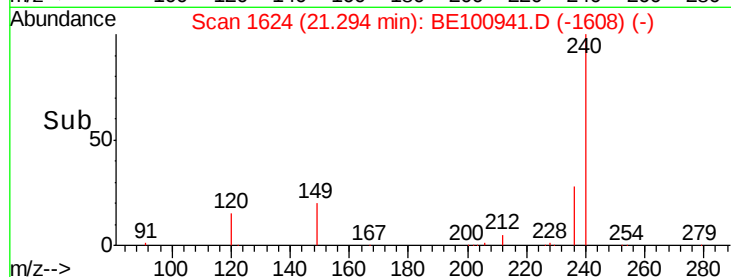
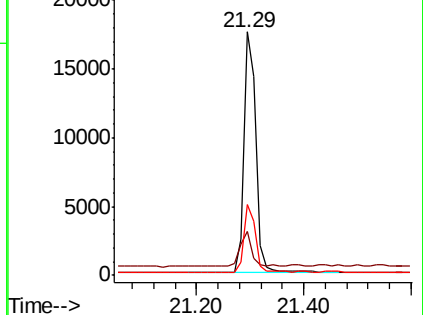
236 29.2 21.6 32.4



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: 0.192 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

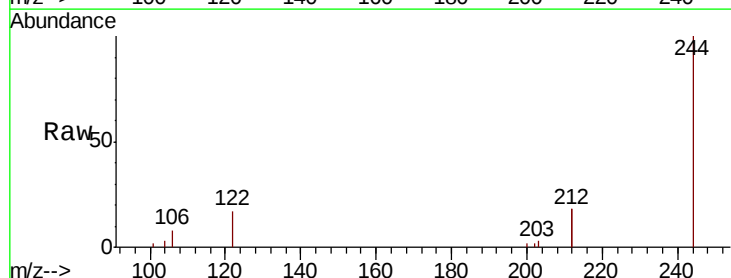
Tgt Ion:244 Resp: 12581

Ion Ratio Lower Upper

244 100

212 36.1 25.2 37.8

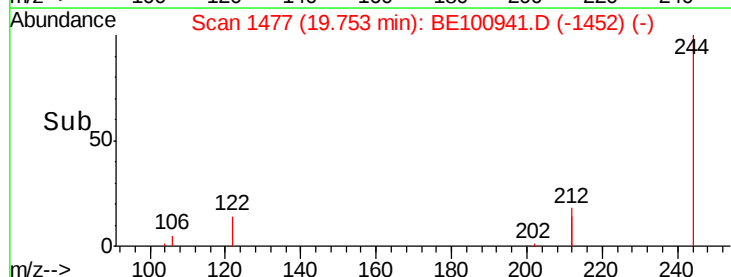
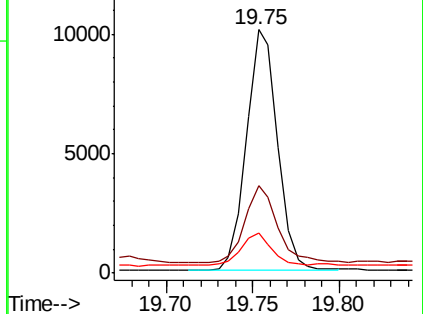
122 16.6 8.9 13.3#

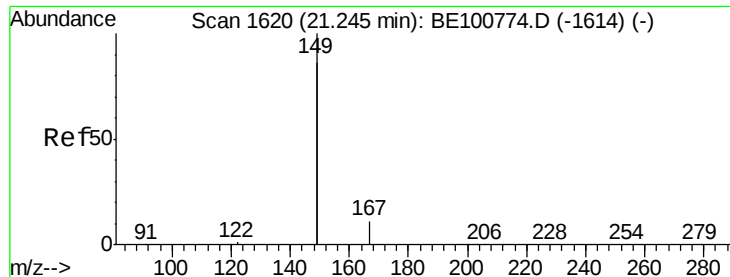


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.413 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100941.D

Acq: 17 Dec 2019 5:20

Instrument :

BNA_E

ClientSampleId :

DUP05-20191207DL

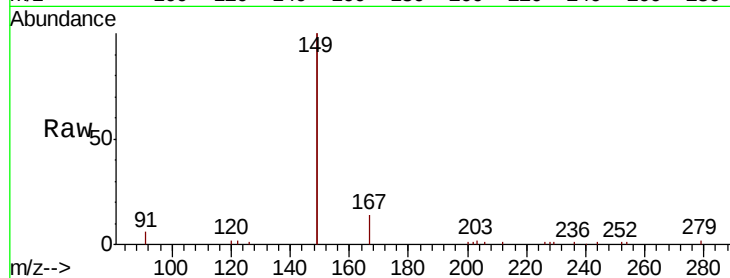
Tot Ion:149 Resp: 96663

Ion Ratio Lower Upper

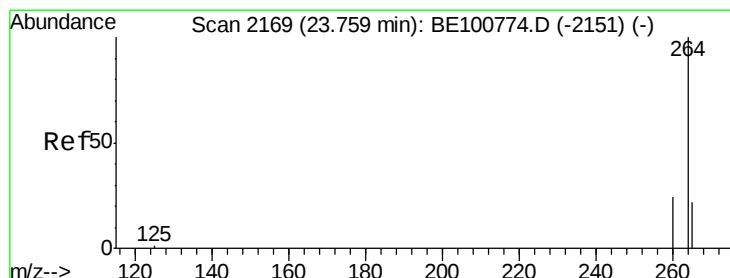
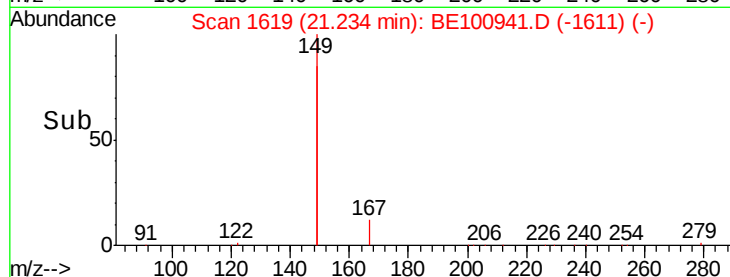
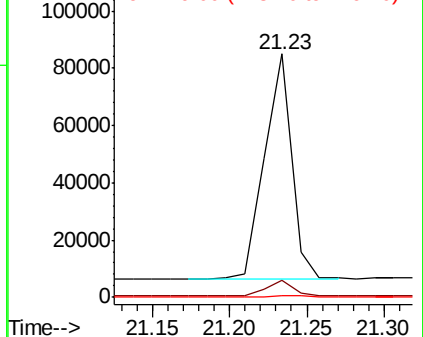
149 100

167 6.6 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: BE100941.D

Acq: 17 Dec 2019 5:20

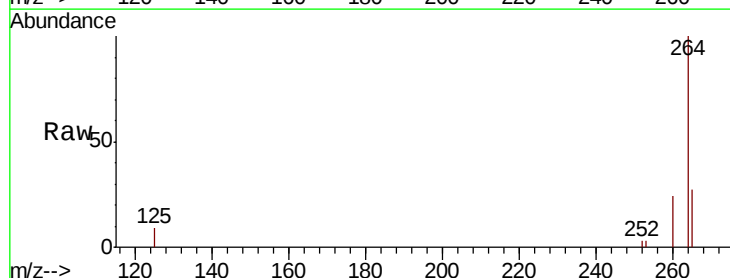
Tgt Ion:264 Resp: 32075

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 27.4 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

