

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100796.D
 Acq On : 5 Dec 2019 19:29
 Operator : JU
 Sample : K6129-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 06 02:05:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

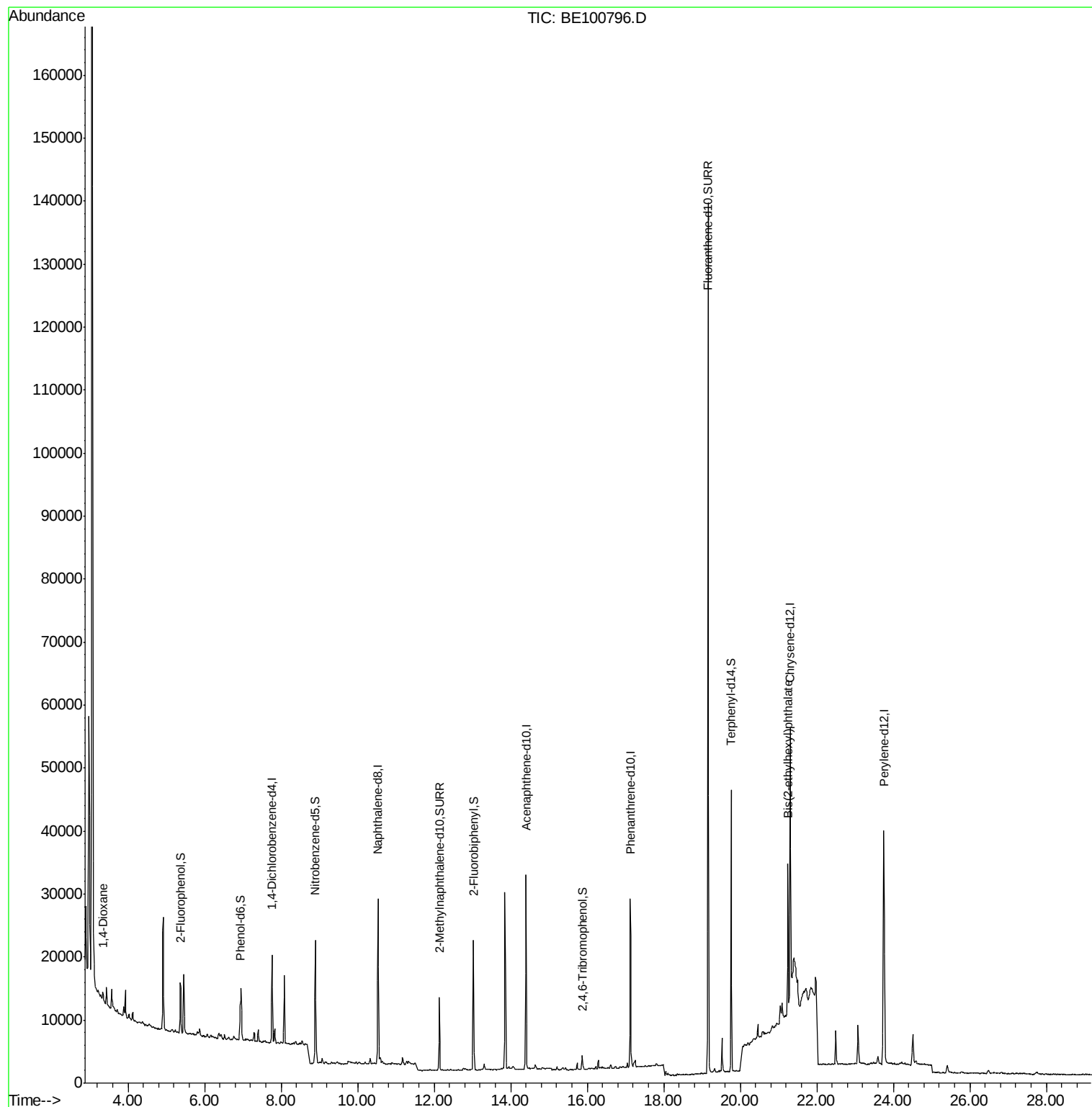
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	6190	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	28751	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	17041	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	39228	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	39515	0.40	ng	0.00
34) Perylene-d12	23.76	264	48343	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	4196	0.29	ng	0.00
5) Phenol-d6	6.93	99	4326	0.20	ng	0.00
8) Nitrobenzene-d5	8.90	82	7499	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14095	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1265	0.67	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	21109	0.31	ng	0.00
25) Fluoranthene-d10	19.16	212	168553	0.36	ng	0.00
29) Terphenyl-d14	19.76	244	36759	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	841	0.075	ng	Qvalue # 49
32) Bis(2-ethylhexyl)phthalate	21.24	149	29118	0.352	ng	100

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

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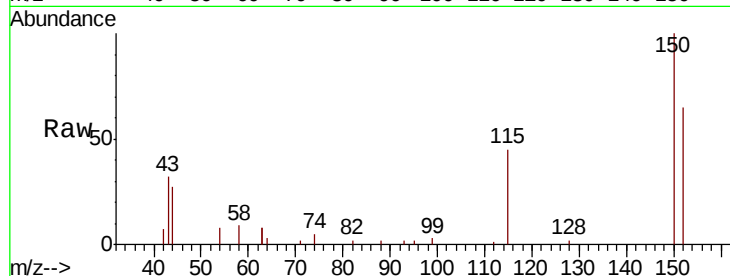


#1

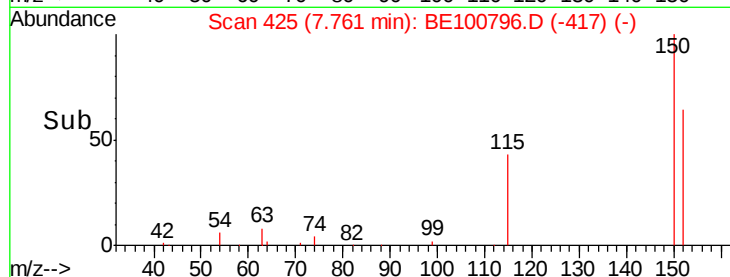
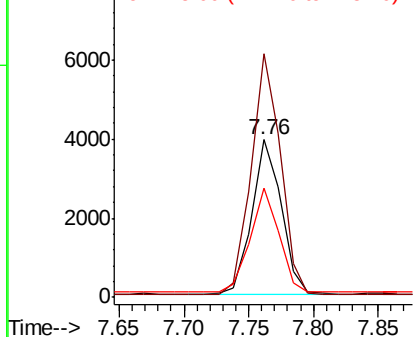
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100796.D
Acq: 5 Dec 2019 19:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 6190
Ion Ratio Lower Upper
152 100
150 154.8 120.6 181.0
115 69.3 47.4 71.2



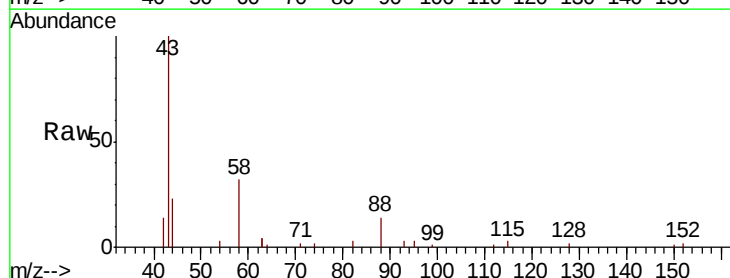
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



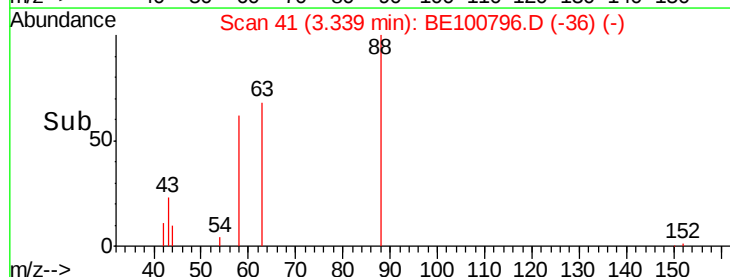
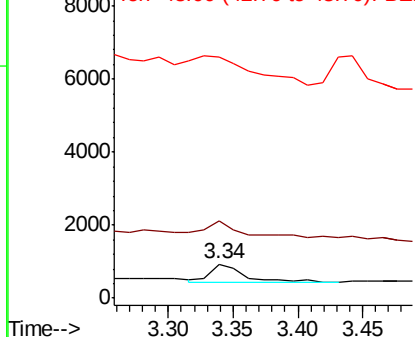
#2

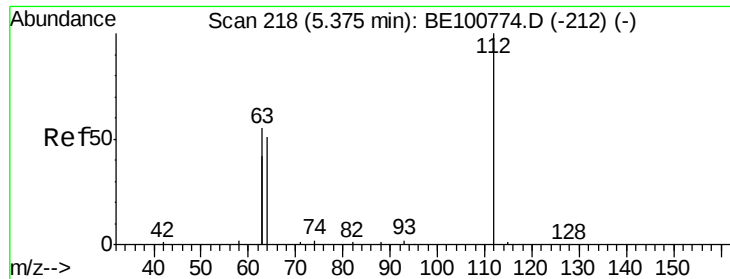
1,4-Dioxane
Concen: 0.075 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100796.D
Acq: 5 Dec 2019 19:29

Tgt Ion: 88 Resp: 841
Ion Ratio Lower Upper
88 100
58 104.6 52.5 78.7#
43 0.0 23.0 34.6#



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: 0.286 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

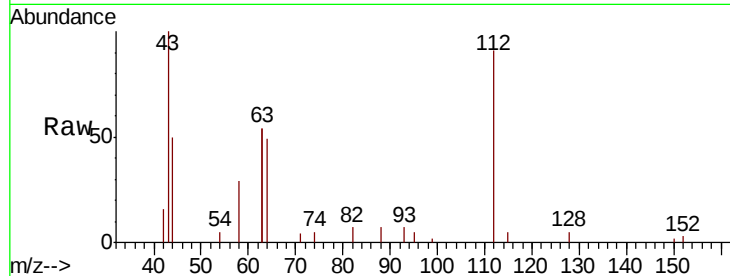
Tot Ion:112 Resp: 4196

Ion Ratio Lower Upper

112 100

64 69.3 54.1 81.1

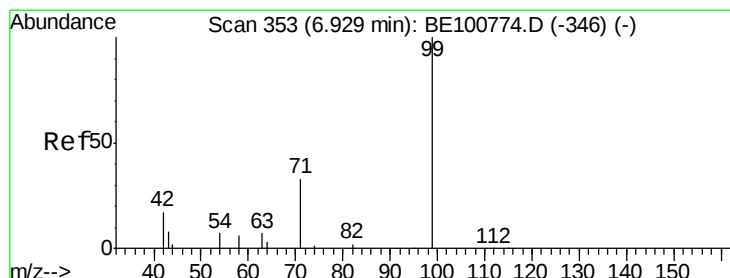
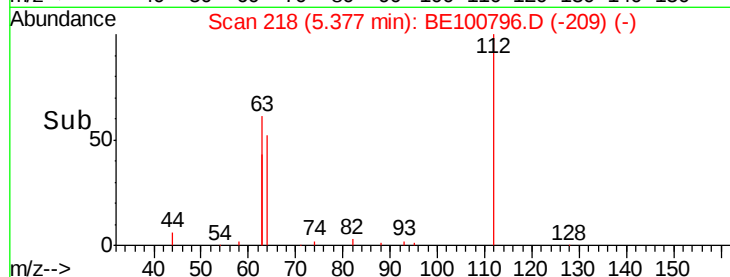
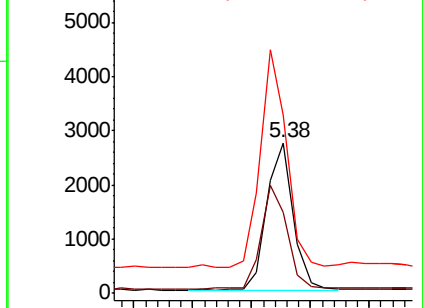
63 148.9 113.2 169.8



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: 0.195 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

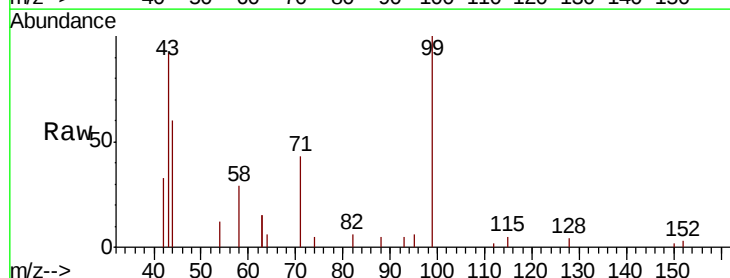
Tgt Ion: 99 Resp: 4326

Ion Ratio Lower Upper

99 100

42 32.5 19.1 28.7#

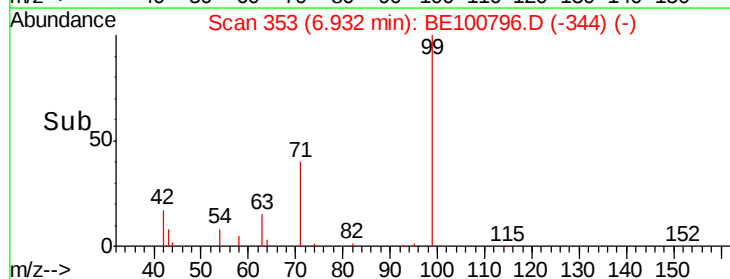
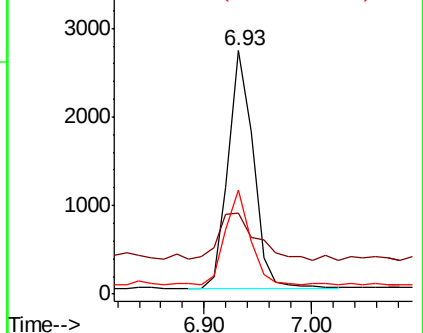
71 39.0 27.7 41.5



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: BE100796.D

Acq: 5 Dec 2019 19:29

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 28751

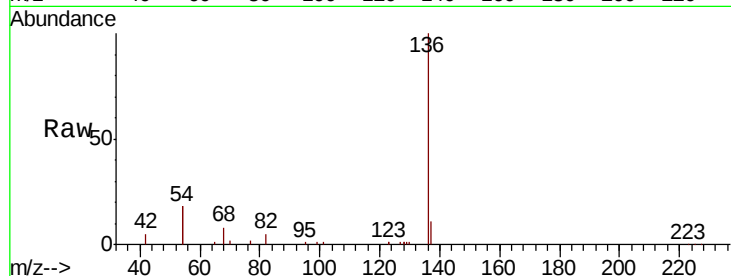
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 35.6 31.1 46.7

68 8.0 6.6 10.0

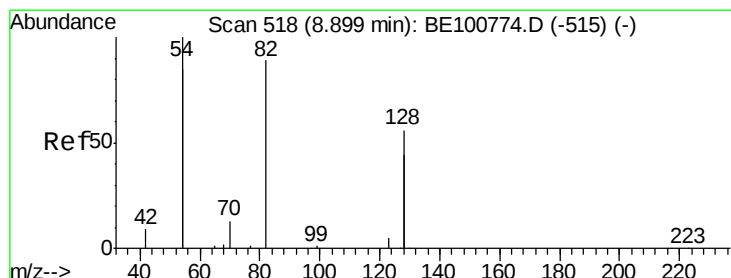
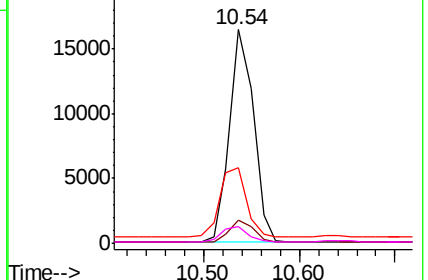
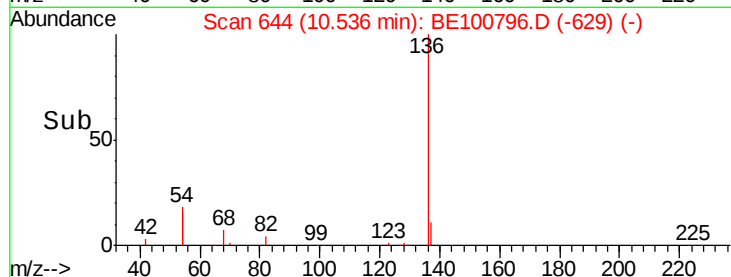


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.548 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

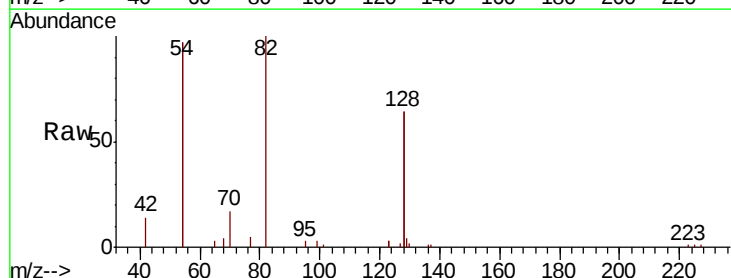
Tgt Ion: 82 Resp: 7499

Ion Ratio Lower Upper

82 100

128 127.0 97.0 145.4

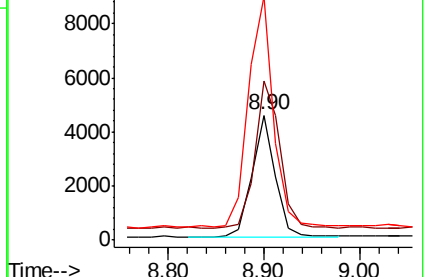
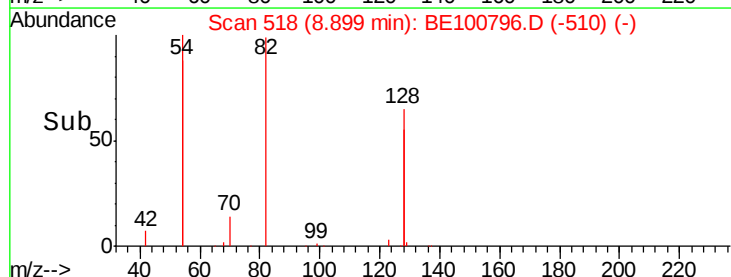
54 194.8 171.8 257.6



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: 0.338 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

Instrument :

BNA_E

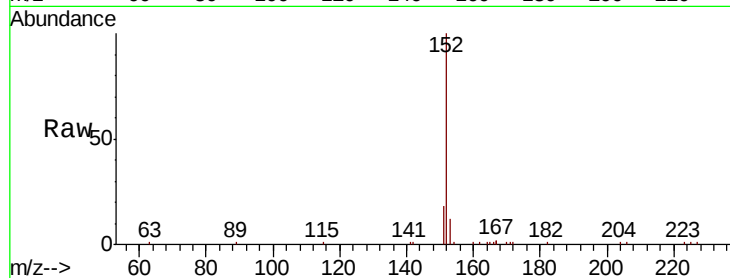
ClientSampleId :

Tot Ion:152 Resp: 14095

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

10000

8000

6000

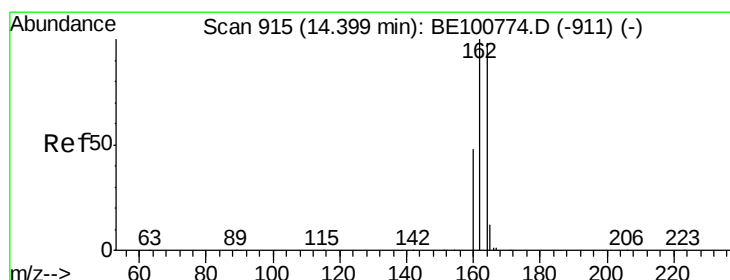
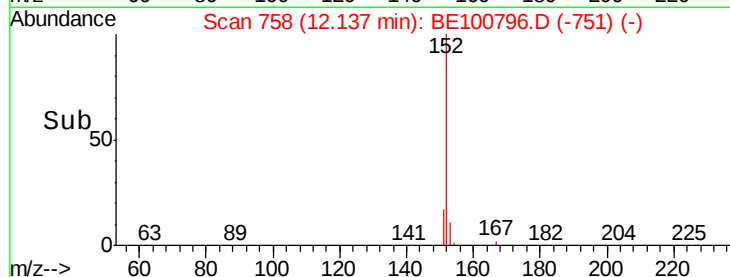
4000

2000

0

12.10 12.20

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

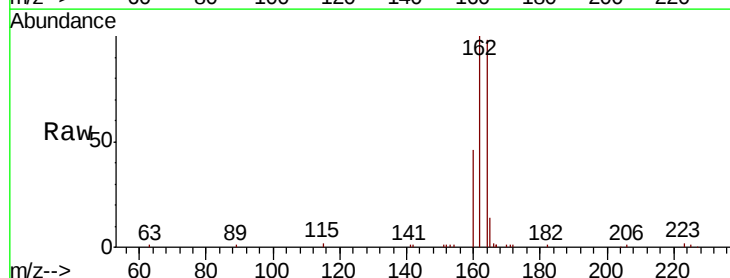
Tgt Ion:164 Resp: 17041

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.0

160 46.9 39.4 59.0



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

14.40

15000

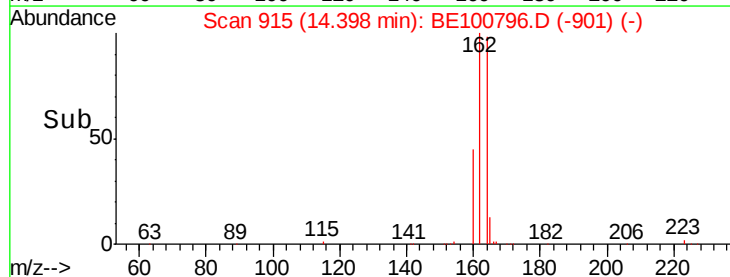
10000

5000

0

14.30 14.40 14.50

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.667 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

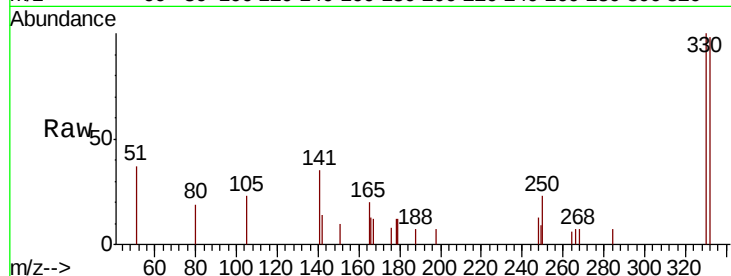
Tot Ion:330 Resp: 1265

Ion Ratio Lower Upper

330 100

332 98.1 69.4 104.2

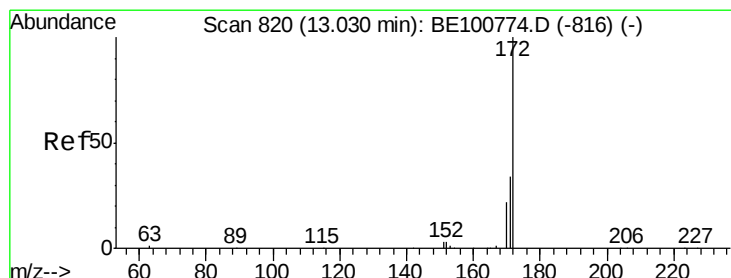
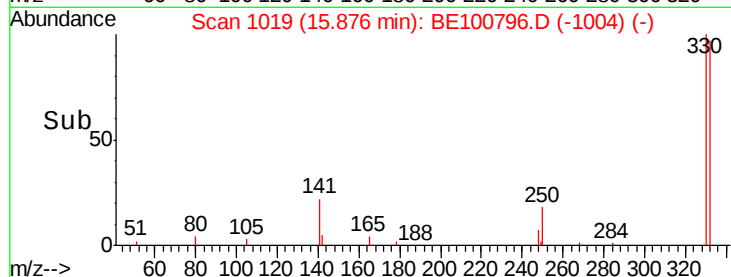
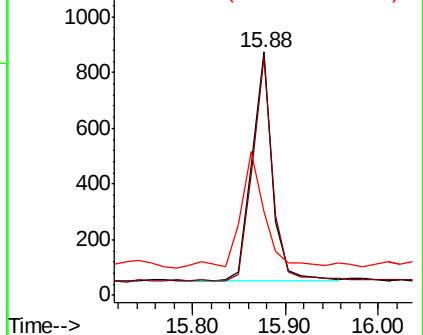
141 61.7 51.1 76.7



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: 0.312 ng

RT: 13.03 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

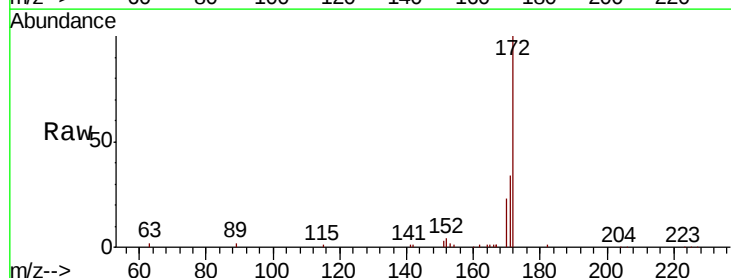
Tgt Ion:172 Resp: 21109

Ion Ratio Lower Upper

172 100

171 33.7 27.2 40.8

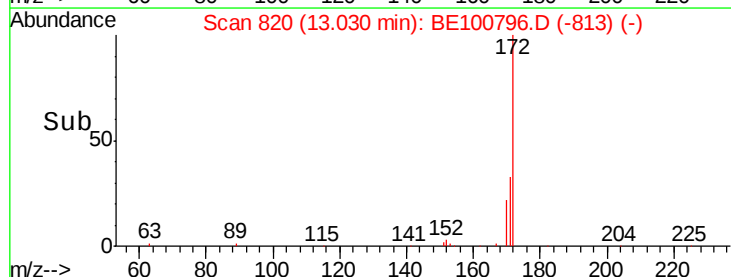
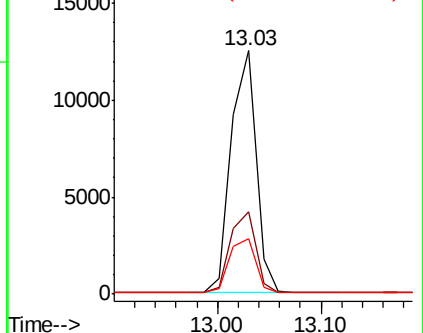
170 22.6 18.0 27.0

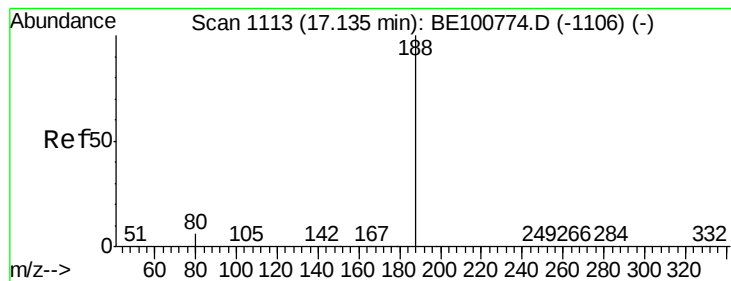


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

Instrument :

BNA_E

ClientSampleId :

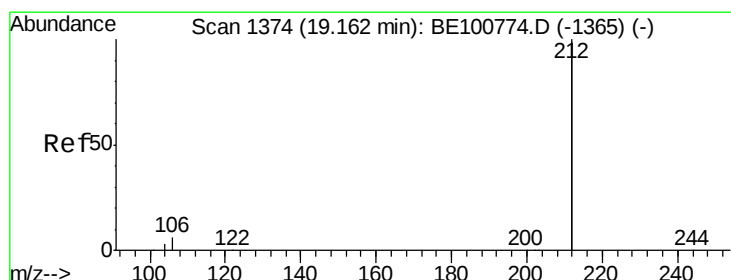
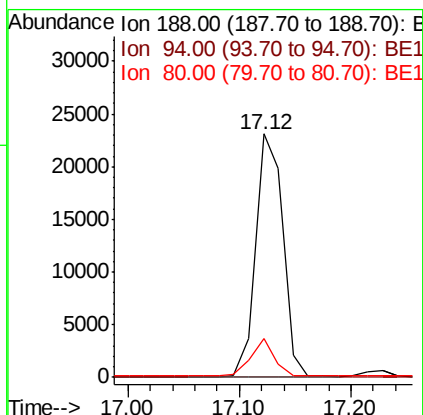
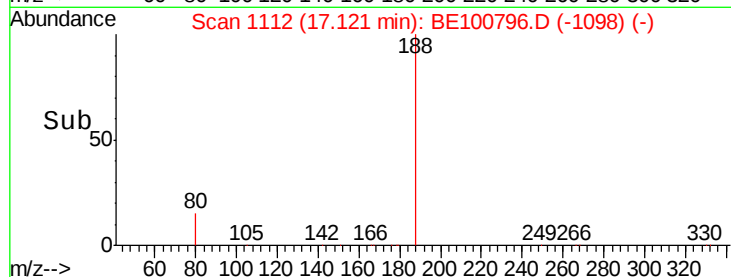
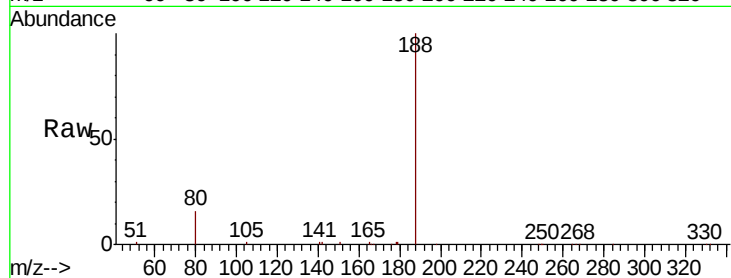
Tot Ion:188 Resp: 39228

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.8 5.2 7.8#



#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100796.D

Acq: 5 Dec 2019 19:29

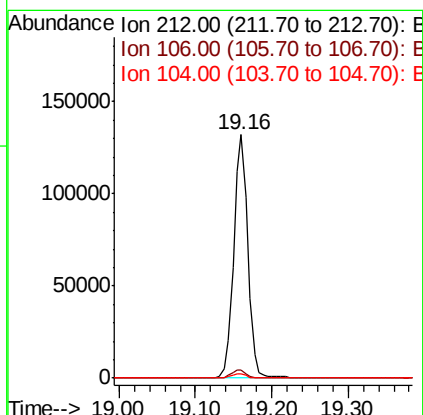
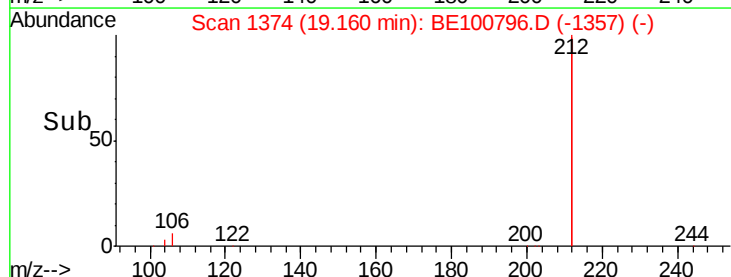
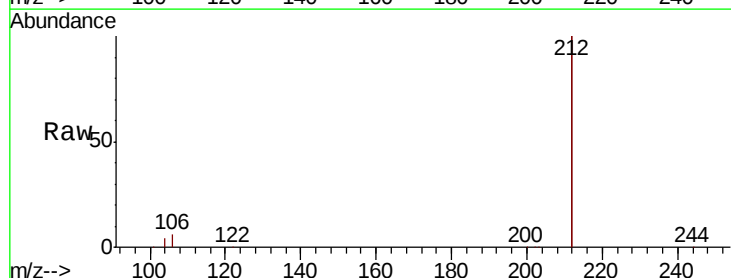
Tgt Ion:212 Resp: 168553

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

104 1.9 1.4 2.2

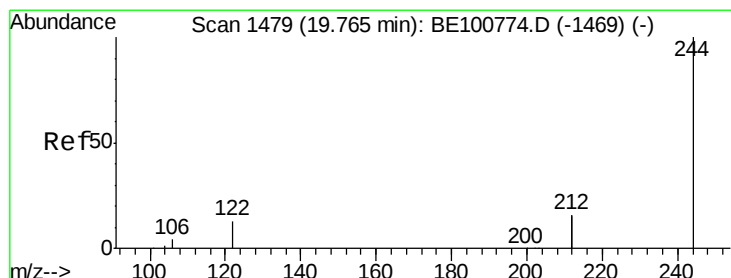
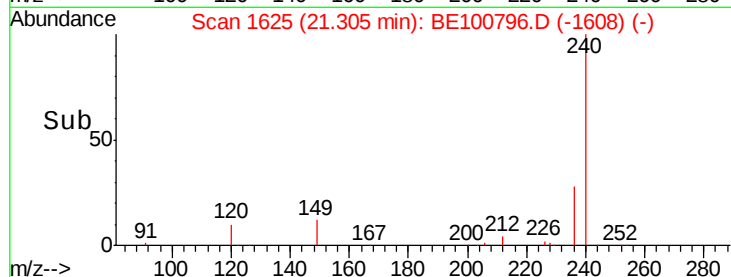
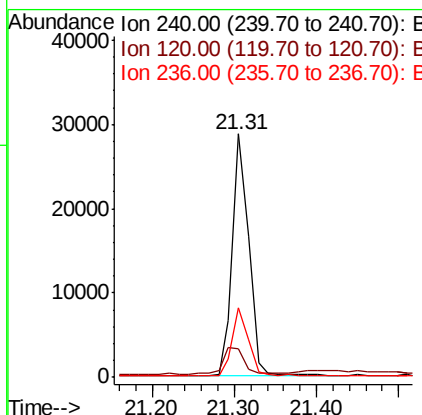
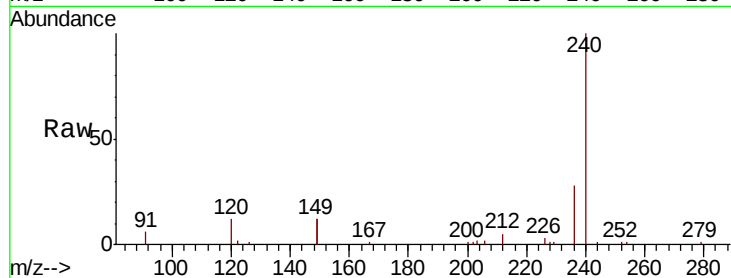




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE100796.D
 Acq: 5 Dec 2019 19:29

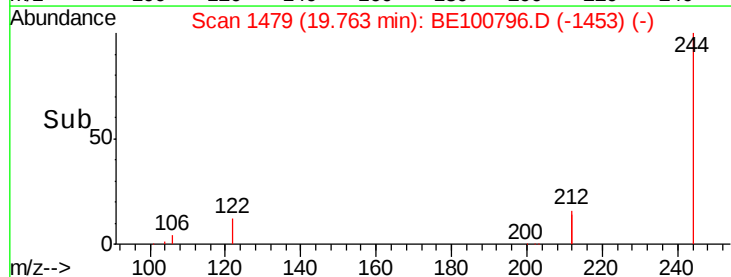
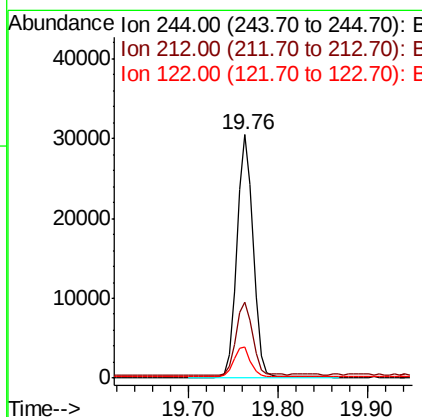
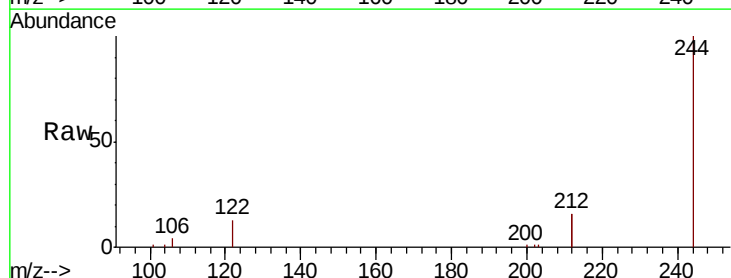
Instrument :
 BNA_E
 ClientSampleId :

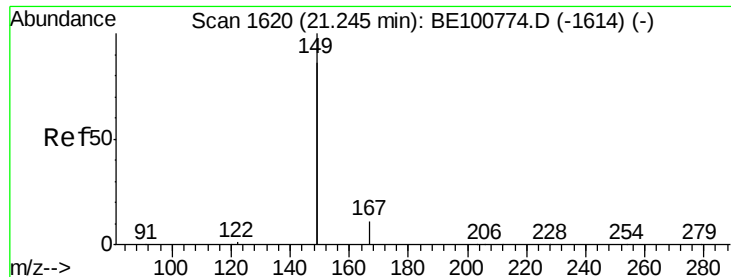
Tot Ion:240 Resp: 39515
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.2 15.2
 236 28.4 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.388 ng
 RT: 19.76 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BE100796.D
 Acq: 5 Dec 2019 19:29

Tgt Ion:244 Resp: 36759
 Ion Ratio Lower Upper
 244 100
 212 31.2 26.2 39.4
 122 12.6 10.2 15.4

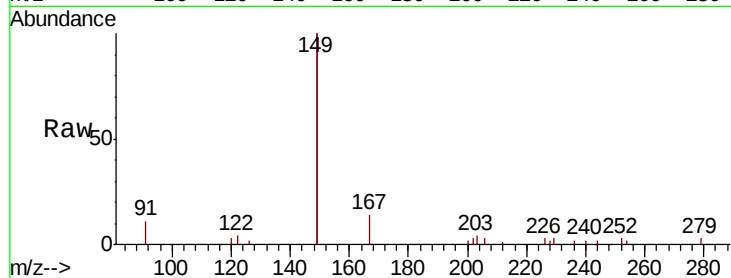




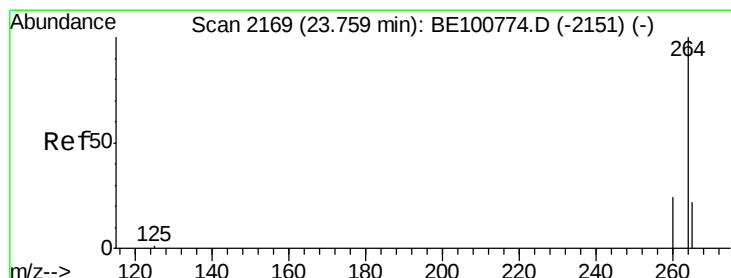
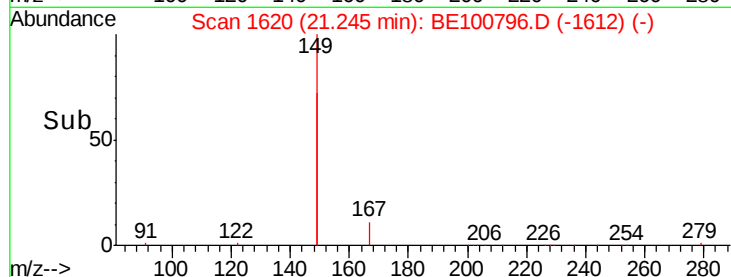
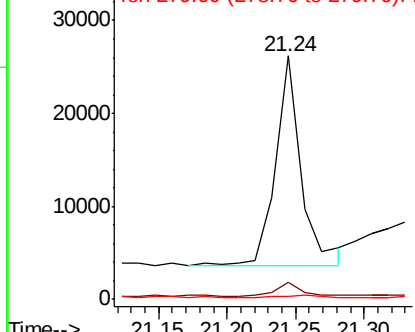
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.352 ng
 RT: 21.24 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100796.D
 Acq: 5 Dec 2019 19:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 29118
 Ion Ratio Lower Upper
 149 100
 167 6.2 5.0 7.6
 279 0.8 0.7 1.1

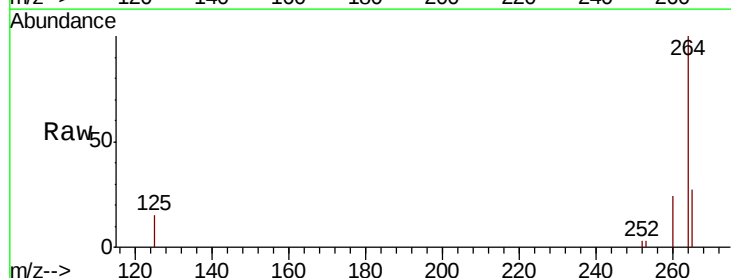


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.76 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BE100796.D
 Acq: 5 Dec 2019 19:29

Tgt Ion:264 Resp: 48343
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 26.6 21.8 32.8



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

