

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100497.D
 Acq On : 23 Jul 2019 12:24
 Operator : HP/JU
 Sample : PB121558BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121558BL

Quant Time: Jul 24 02:06:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

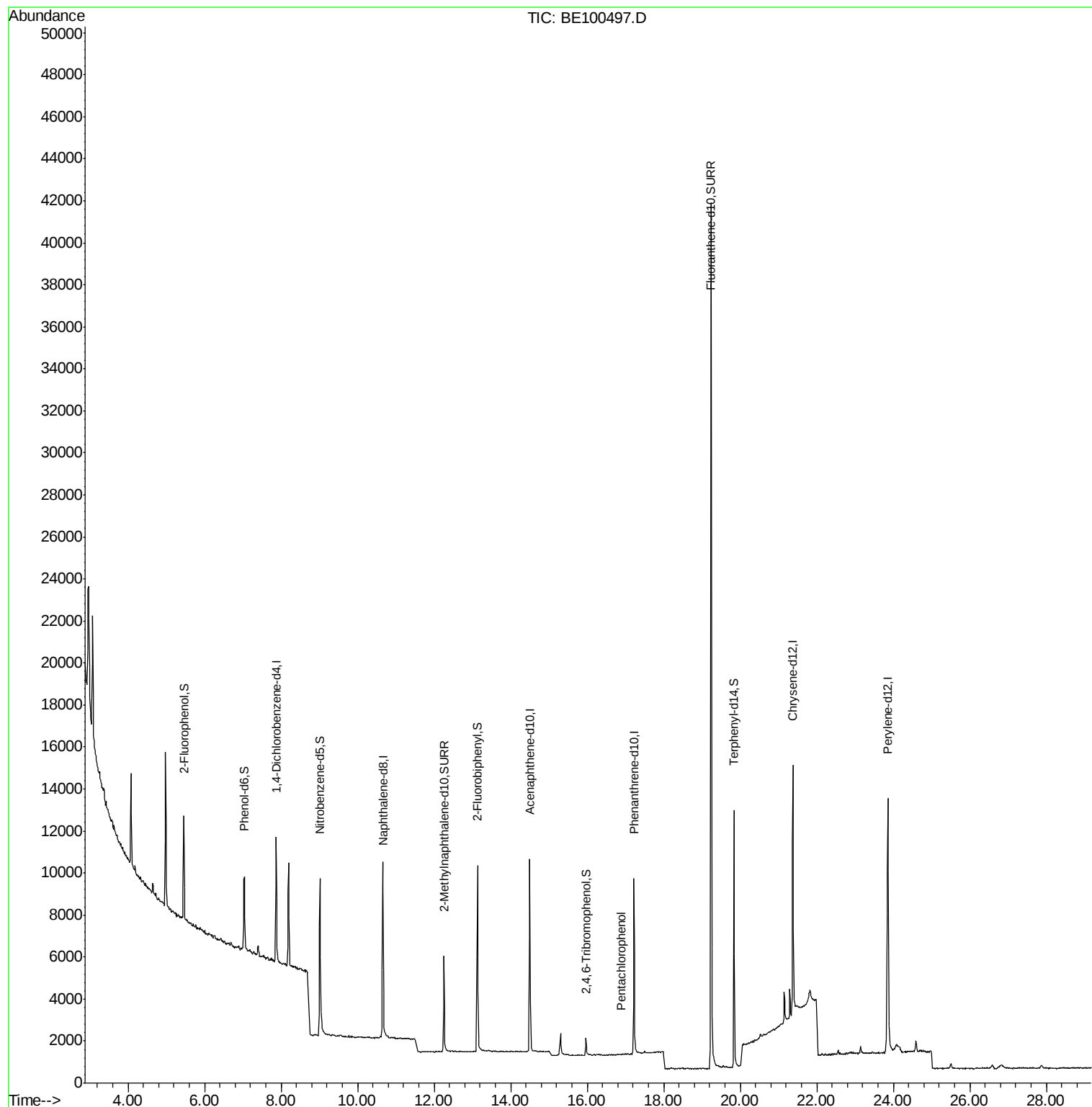
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2955	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	10824	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5831	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	12808	0.40	ng	0.00
27) Chrysene-d12	21.38	240	14478	0.40	ng	0.00
34) Perylene-d12	23.86	264	20094	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	3069	0.43	ng	0.00
5) Phenol-d6	7.03	99	4375	0.42	ng	0.00
8) Nitrobenzene-d5	9.02	82	3571	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	6431	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	595	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	9012	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	63423	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	11731	0.33	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.88	266	25	0.158	ng	Qvalue # 69

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
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QLast Update : Tue Jul 23 08:06:59 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

Instrument :

BNA_E

ClientSampleId :

PB121558BL

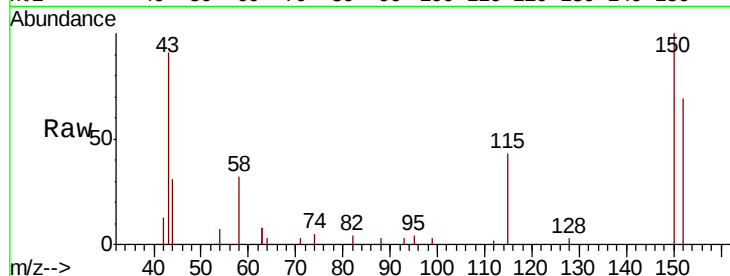
Tgt Ion:152 Resp: 2955

Ion Ratio Lower Upper

152 100

150 144.7 115.0 172.6

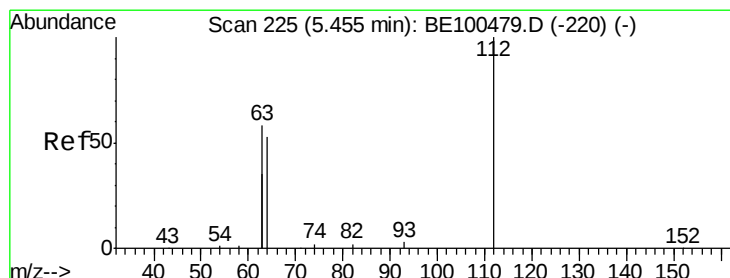
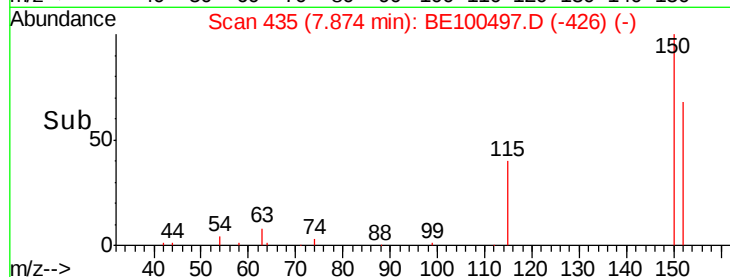
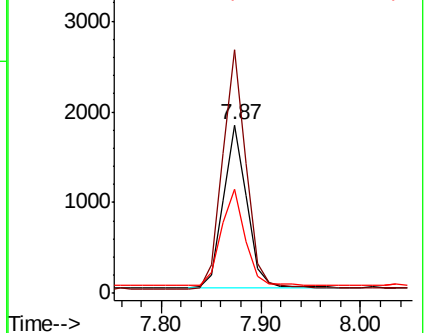
115 61.9 52.9 79.3



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



#4

2-Fluorophenol

Concen: 0.426 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

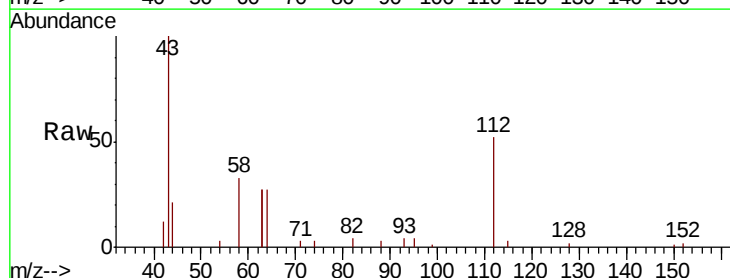
Tgt Ion:112 Resp: 3069

Ion Ratio Lower Upper

112 100

64 63.3 54.1 81.1

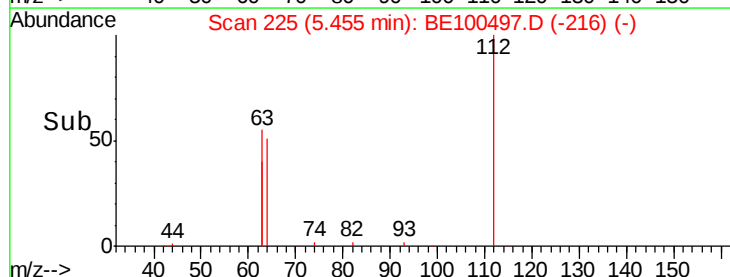
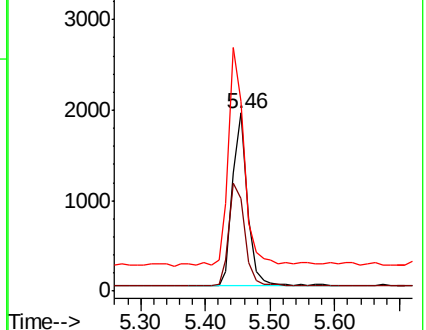
63 130.1 104.6 157.0

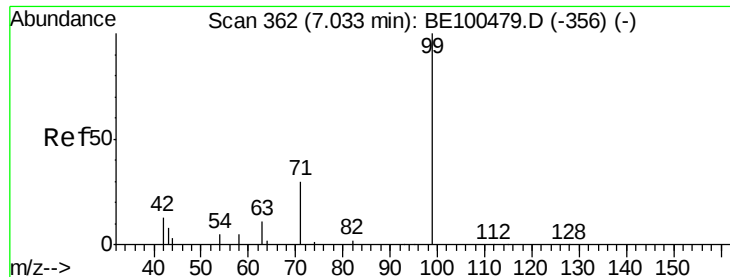


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.425 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

Instrument :

BNA_E

ClientSampleId :

PB121558BL

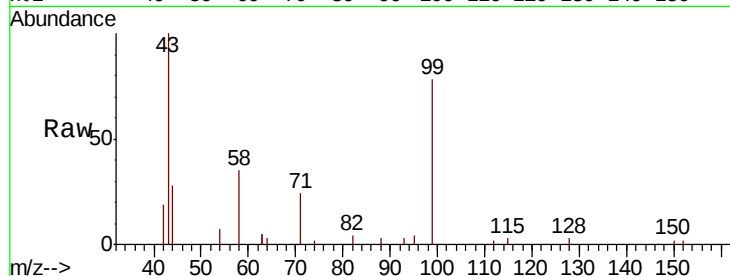
Tgt Ion: 99 Resp: 4375

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

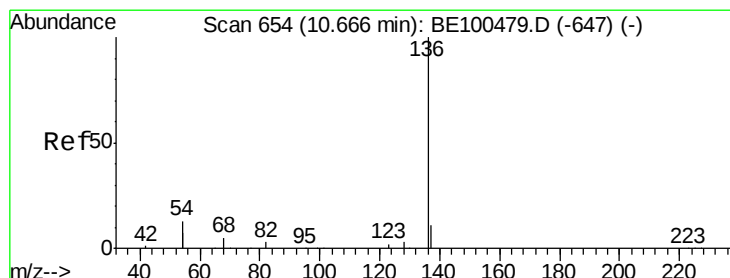
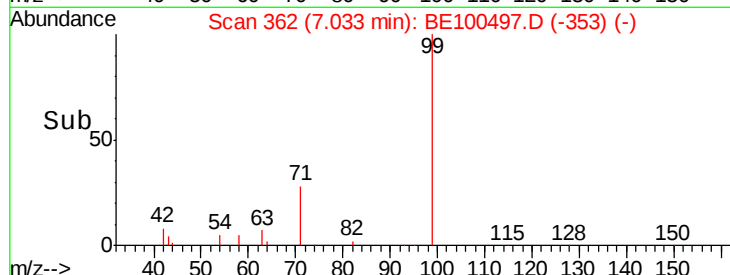
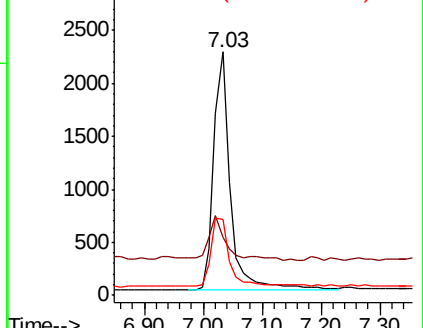
71 33.1 26.4 39.6



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

Tgt Ion: 136 Resp: 10824

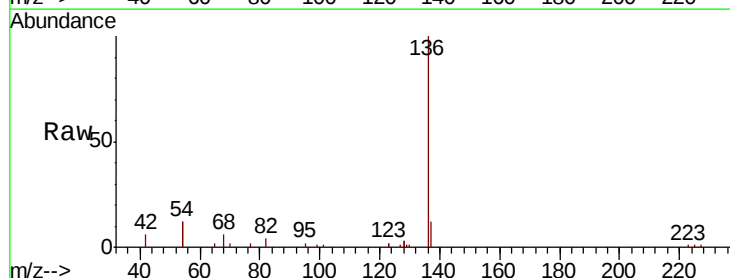
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.6

54 23.7 20.6 31.0

68 6.2 5.3 7.9

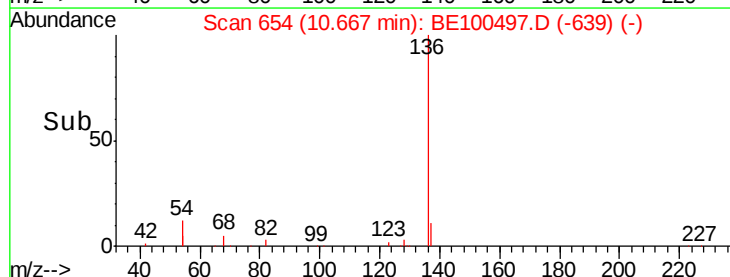
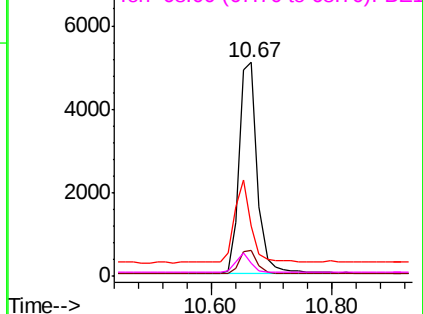


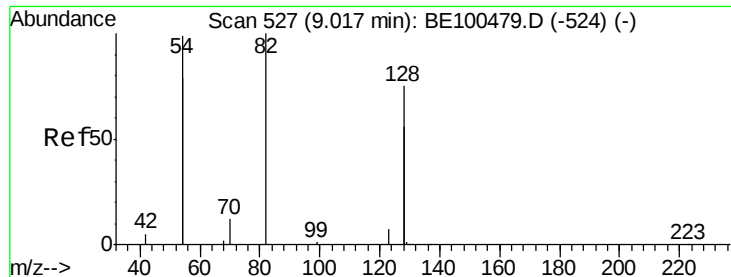
Abundance Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

Instrument :

BNA_E

ClientSampleId :

PB121558BL

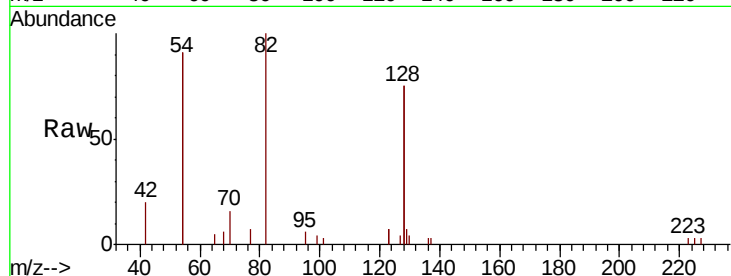
Tgt Ion: 82 Resp: 3571

Ion Ratio Lower Upper

82 100

128 149.6 113.6 170.4

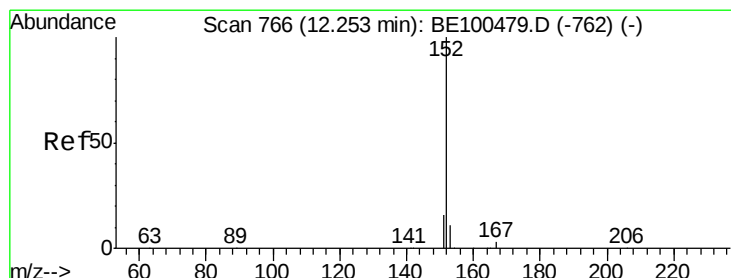
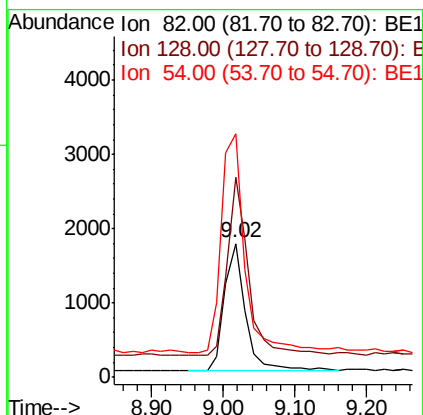
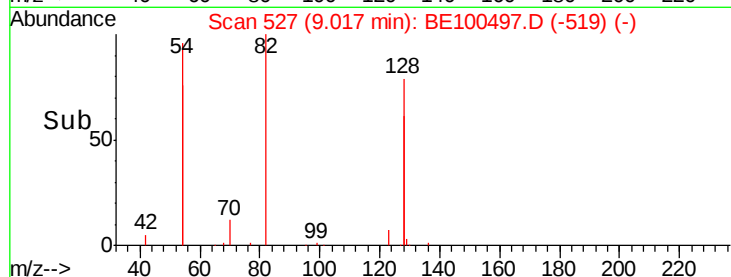
54 182.1 150.6 226.0



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100497.D

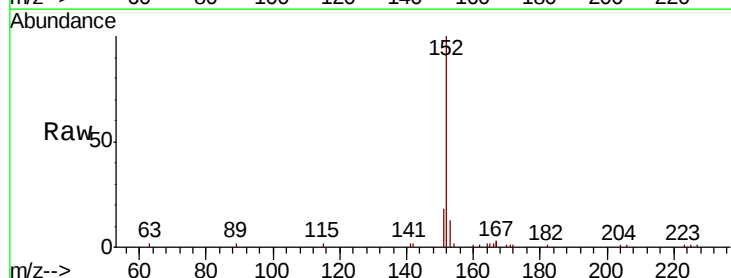
Acq: 23 Jul 2019 12:24

Tgt Ion: 152 Resp: 6431

Ion Ratio Lower Upper

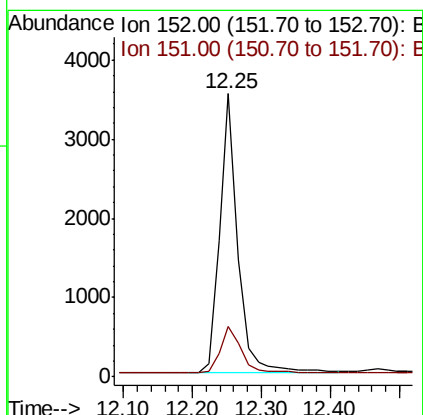
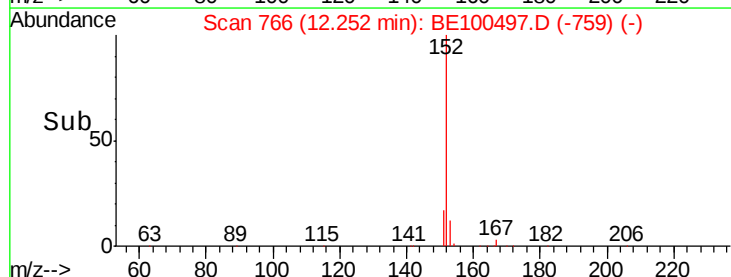
152 100

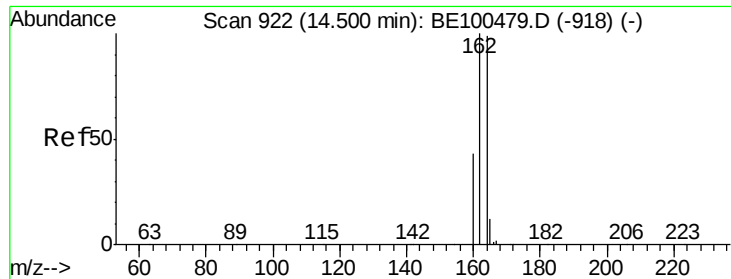
151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

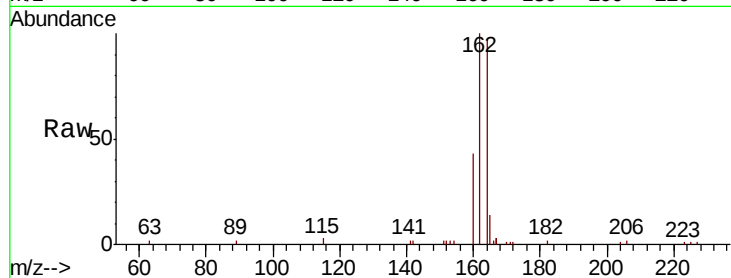




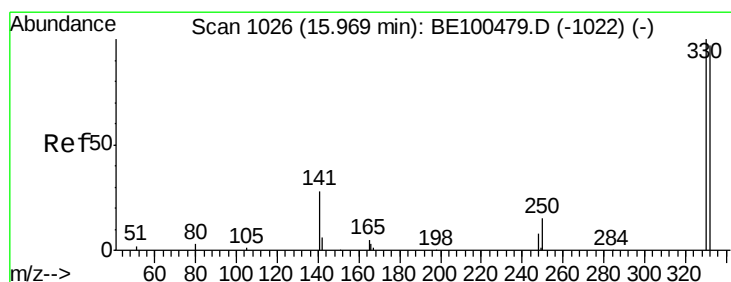
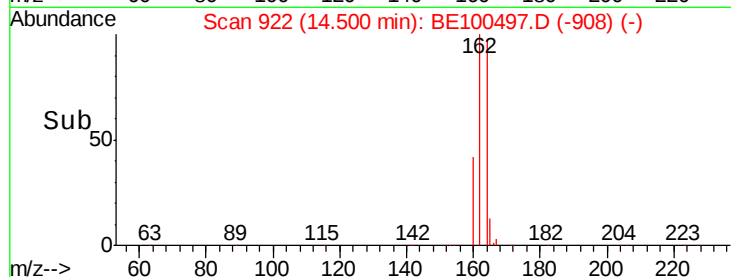
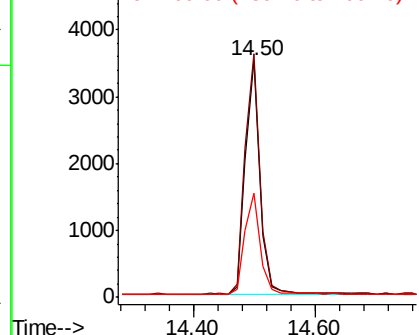
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100497.D
Acq: 23 Jul 2019 12:24

Instrument :
BNA_E
ClientSampleId :
PB121558BL

Tgt Ion:164 Resp: 5831
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 43.9 34.9 52.3

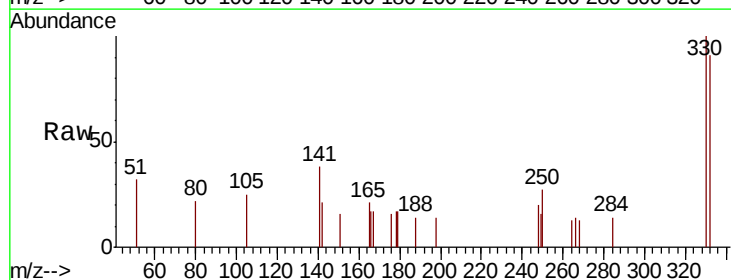


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

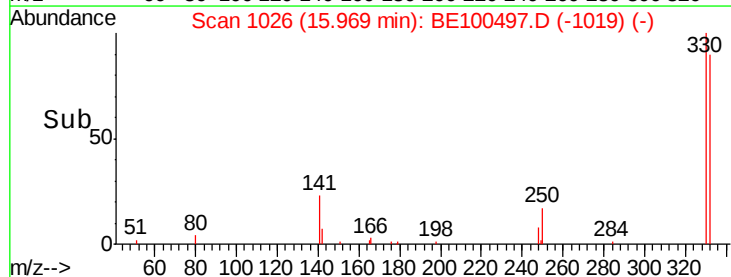
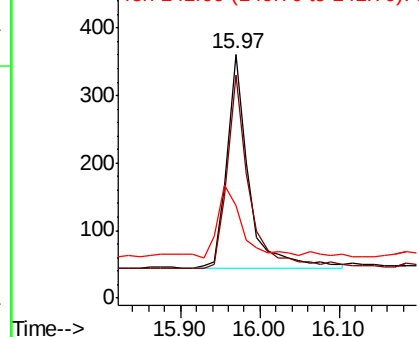


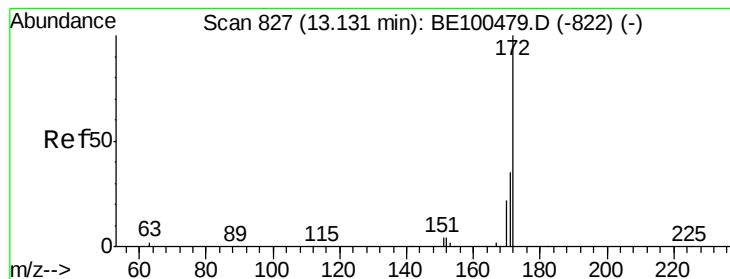
#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100497.D
Acq: 23 Jul 2019 12:24

Tgt Ion:330 Resp: 595
Ion Ratio Lower Upper
330 100
332 92.4 80.5 120.7
141 33.3 29.9 44.9



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

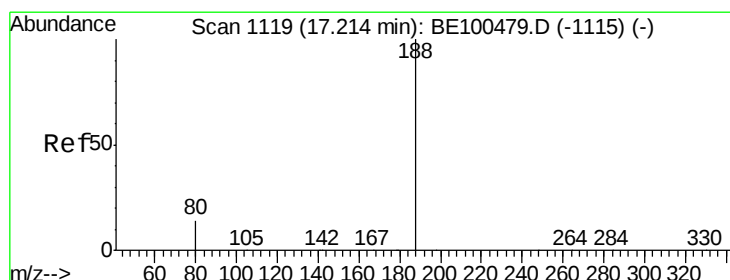
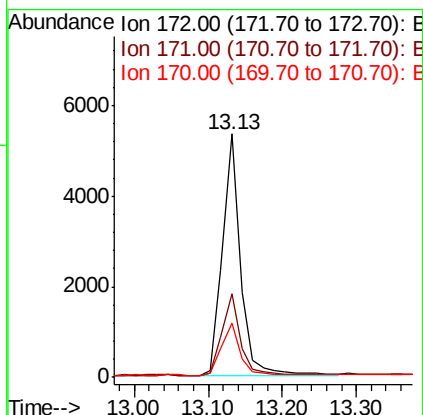
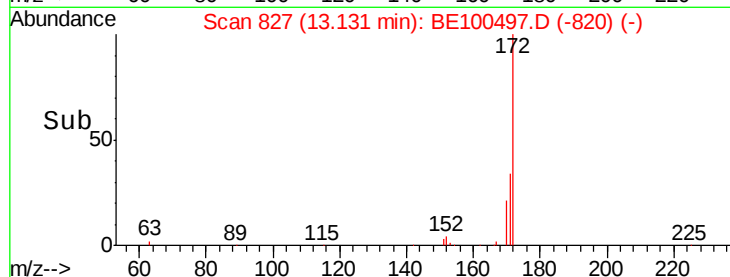
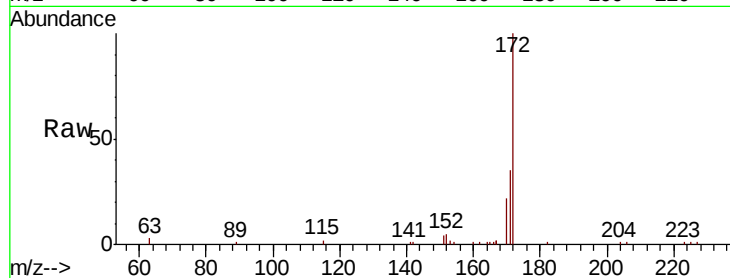




#15
 2-Fluorobiphenyl
 Concen: 0.380 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BE100497.D
 Acq: 23 Jul 2019 12:24

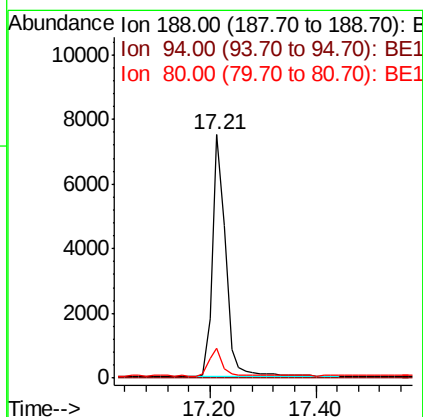
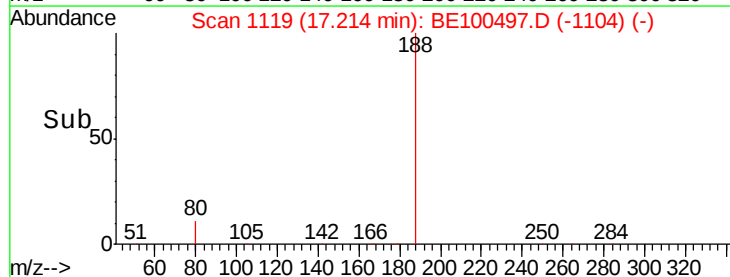
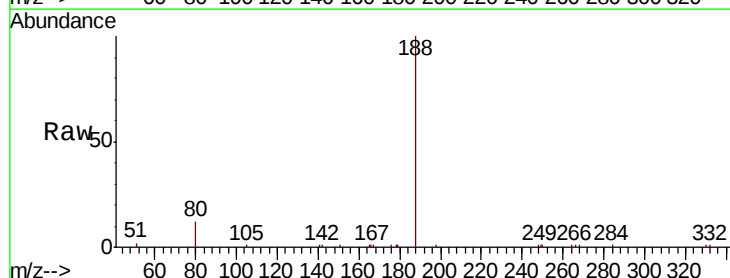
Instrument :
 BNA_E
 ClientSampleId :
 PB121558BL

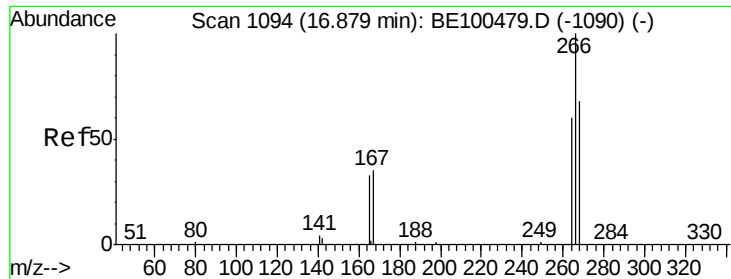
Tgt Ion:172 Resp: 9012
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.2 42.2
 170 22.2 17.8 26.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BE100497.D
 Acq: 23 Jul 2019 12:24

Tgt Ion:188 Resp: 12808
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.2 11.9 17.9





#22

Pentachlorophenol

Concen: 0.158 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

Instrument :

BNA_E

ClientSampleId :

PB121558BL

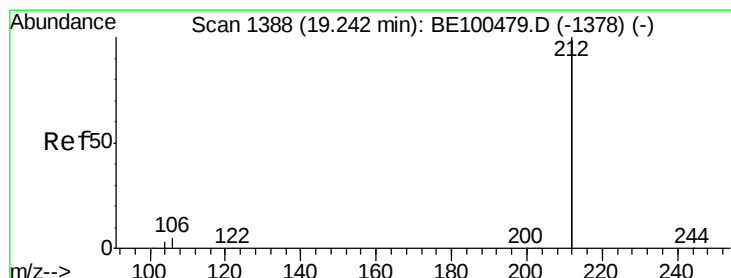
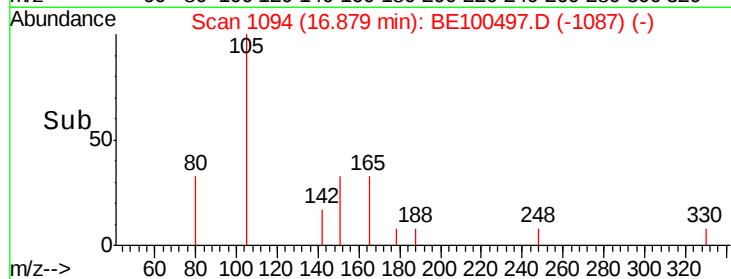
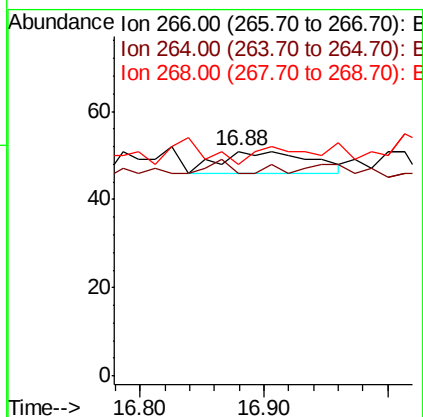
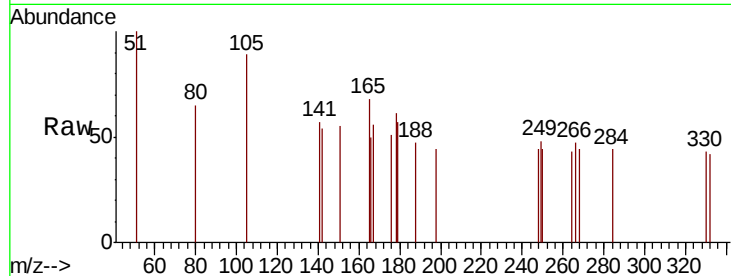
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 90.2 50.4 75.6#

268 94.1 56.6 85.0#



#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

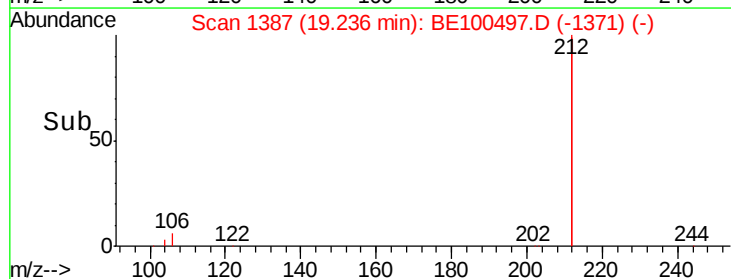
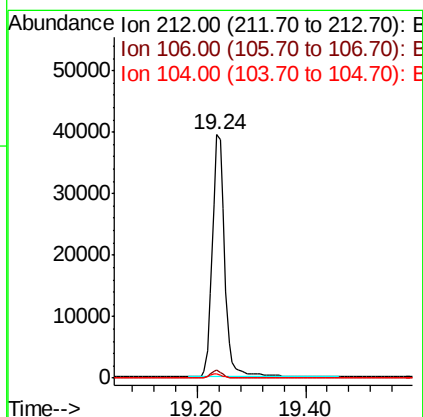
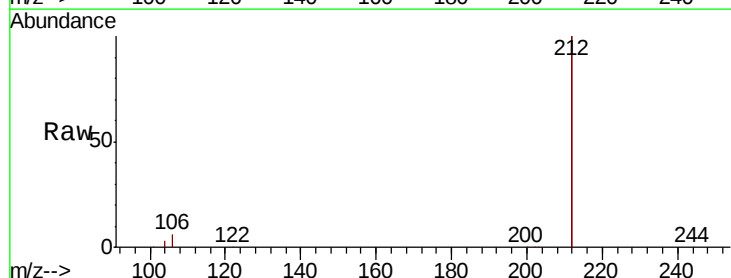
Tgt Ion:212 Resp: 63423

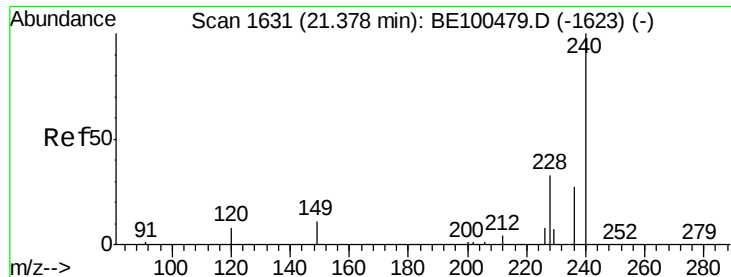
Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.4

104 1.5 1.2 1.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

Instrument :

BNA_E

ClientSampleId :

PB121558BL

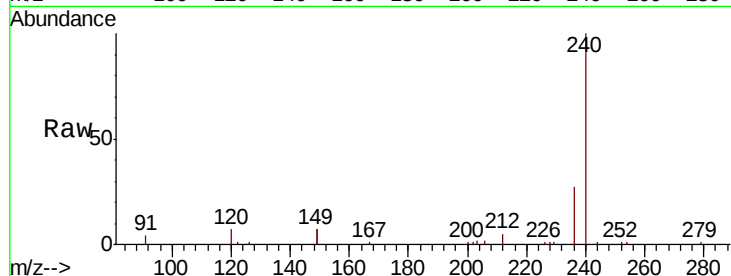
Tgt Ion:240 Resp: 14478

Ion Ratio Lower Upper

240 100

120 6.7 8.2 12.2#

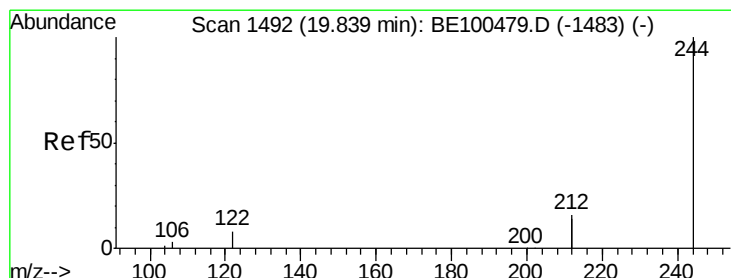
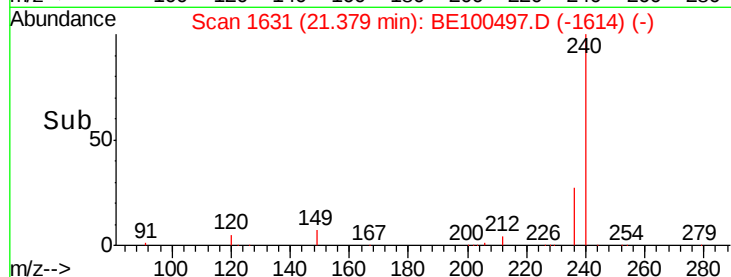
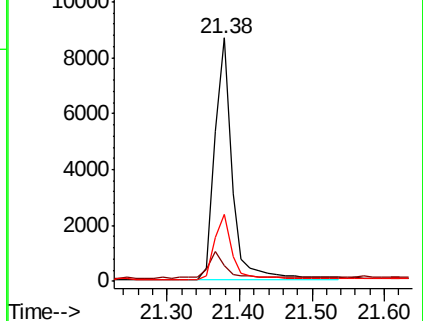
236 27.3 22.6 34.0



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: 0.328 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

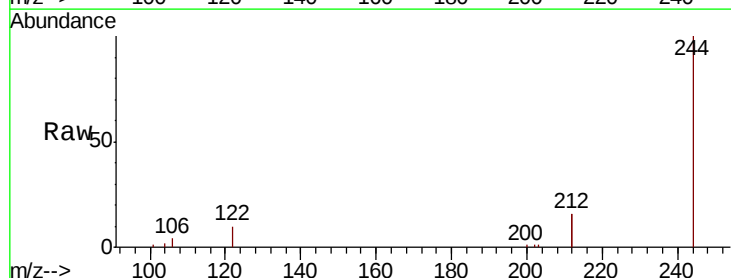
Tgt Ion:244 Resp: 11731

Ion Ratio Lower Upper

244 100

212 32.5 25.6 38.4

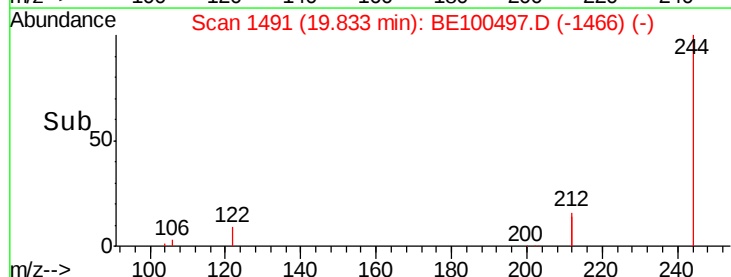
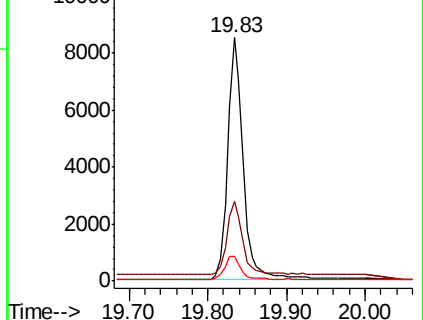
122 10.1 7.2 10.8

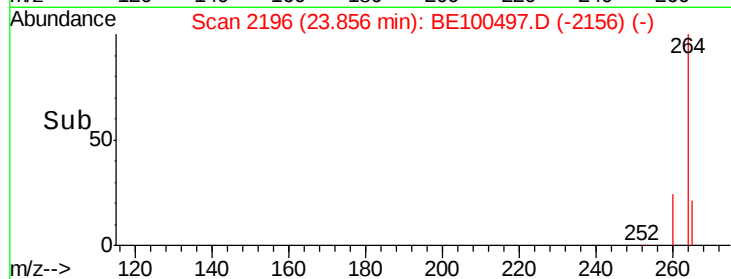
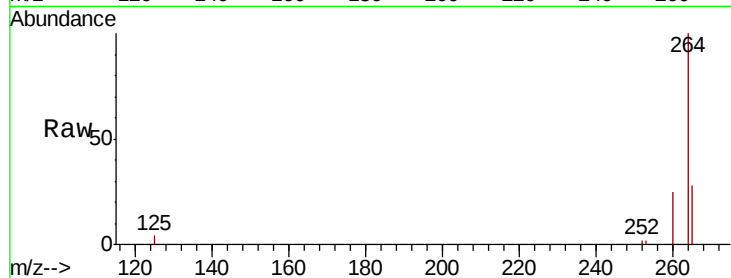
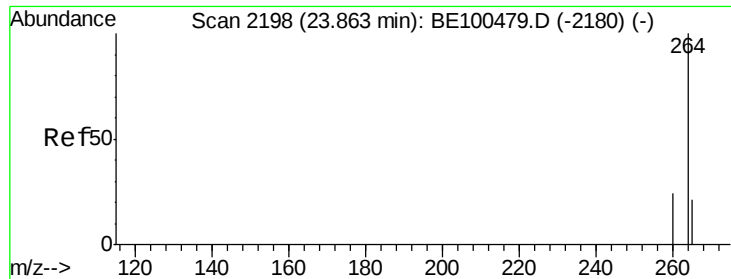


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BE100497.D

Acq: 23 Jul 2019 12:24

Instrument :

BNA_E

ClientSampleId :

PB121558BL

Tgt Ion: 264 Resp: 20094

Ion Ratio Lower Upper

264 100

260 24.8 20.7 31.1

265 27.9 23.4 35.2

