

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100494.D
 Acq On : 23 Jul 2019 10:25
 Operator : HP/JU
 Sample : PB121443BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121443BL

Quant Time: Jul 24 02:05:21 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

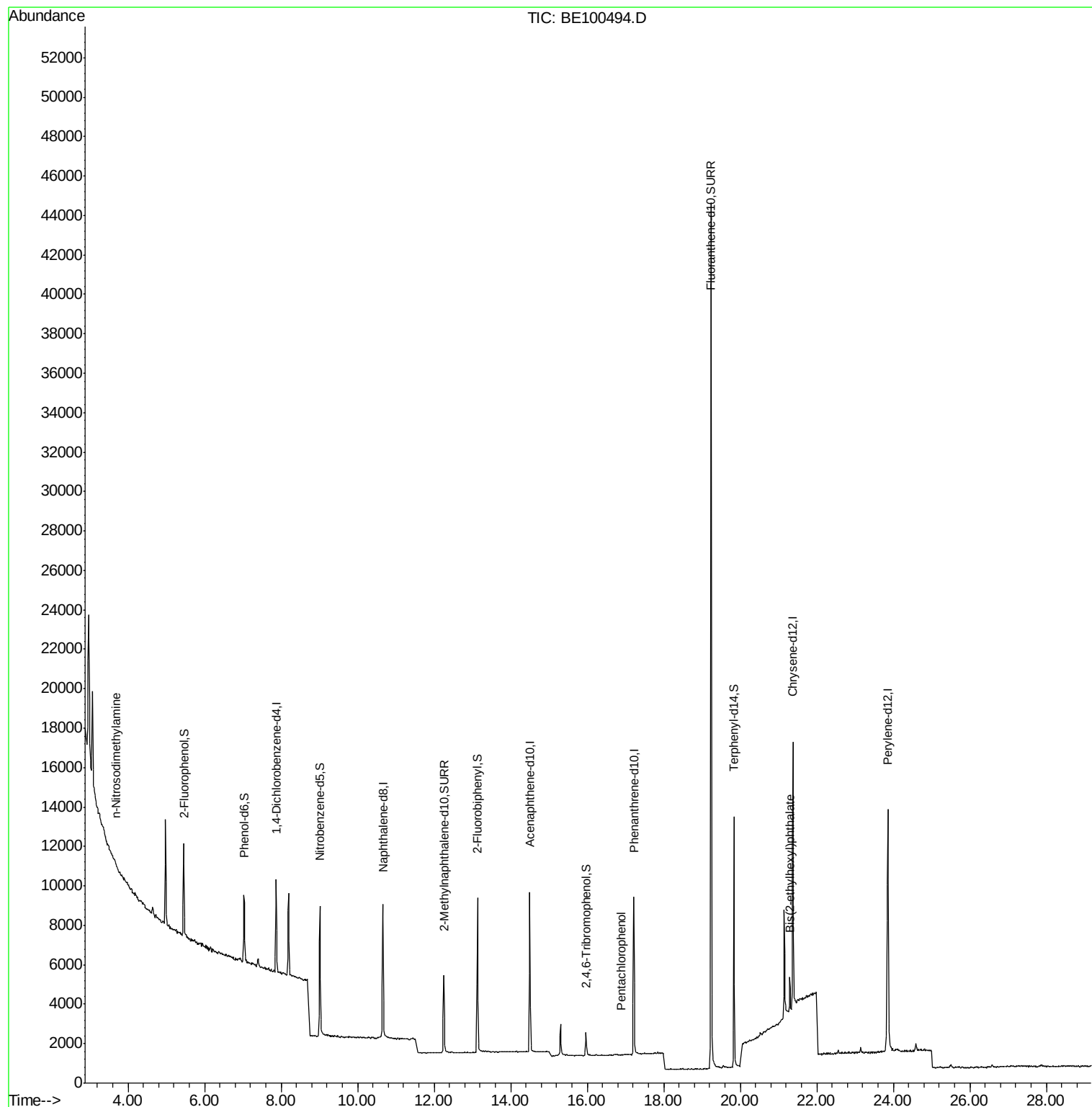
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2466	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	8950	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4844	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	11183	0.40	ng	0.00
27) Chrysene-d12	21.38	240	15315	0.40	ng	0.00
34) Perylene-d12	23.86	264	19529	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2623	0.44	ng	0.00
5) Phenol-d6	7.03	99	3797	0.44	ng	0.00
8) Nitrobenzene-d5	9.02	82	2998	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	5504	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	813	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7720	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	60347	0.39	ng	0.00
29) Terphenyl-d14	19.83	244	11730	0.31	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.68	42	126	0.056	ng	Qvalue # 69
22) Pentachlorophenol	16.89	266	6	0.153	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.29	149	2289	0.021	ng	# 97

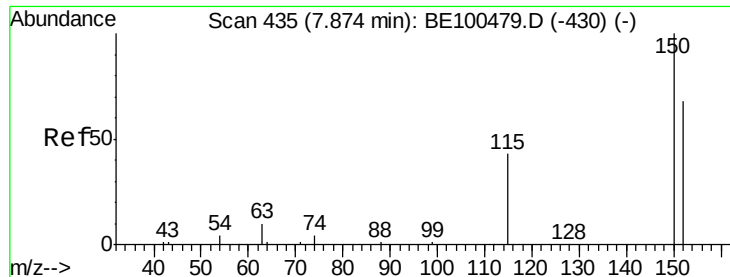
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100494.D

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Instrument :

BNA_E

ClientSampleId :

PB121443BL

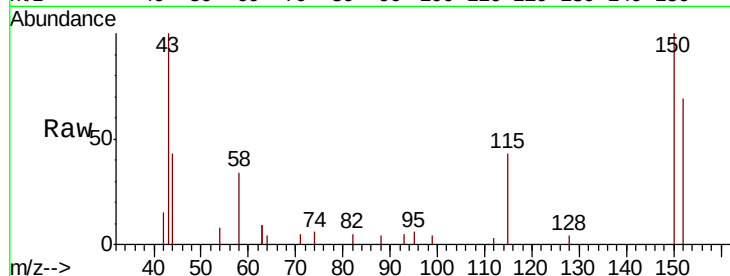
Tgt Ion:152 Resp: 2466

Ion Ratio Lower Upper

152 100

150 144.6 115.0 172.6

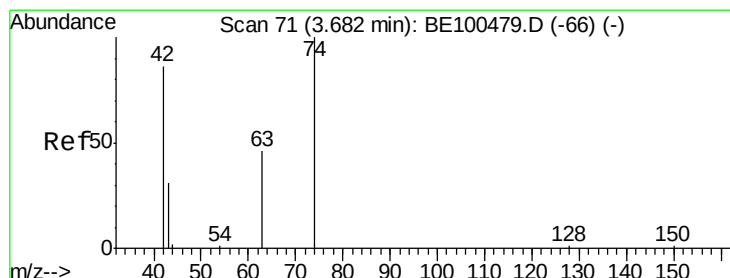
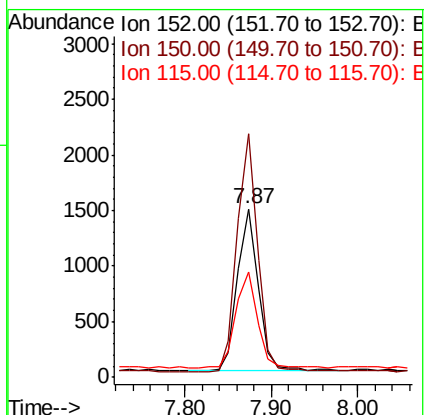
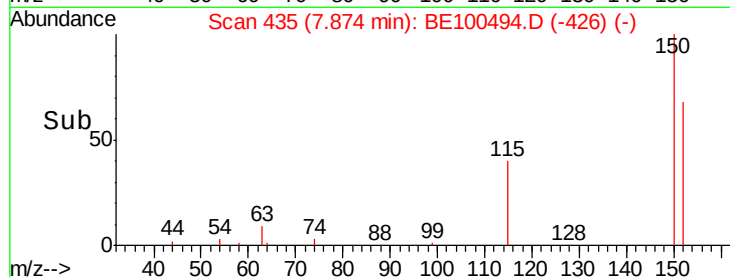
115 62.8 52.9 79.3



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



#3

n-Nitrosodimethylamine

Concen: 0.056 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

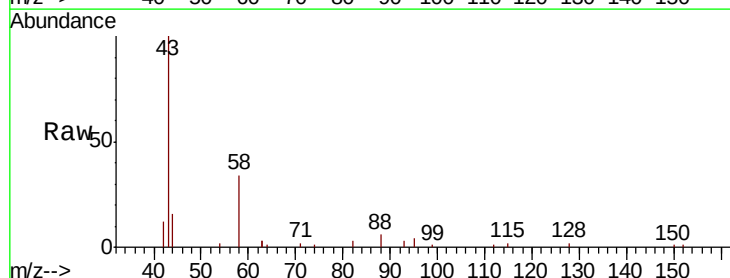
Tgt Ion: 42 Resp: 126

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

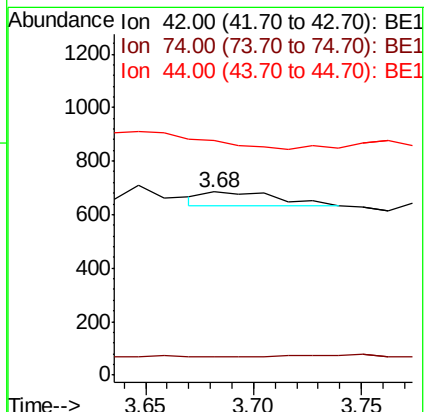
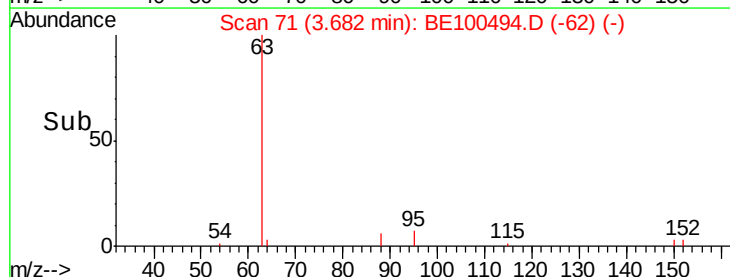
44 0.0 9.6 14.4#

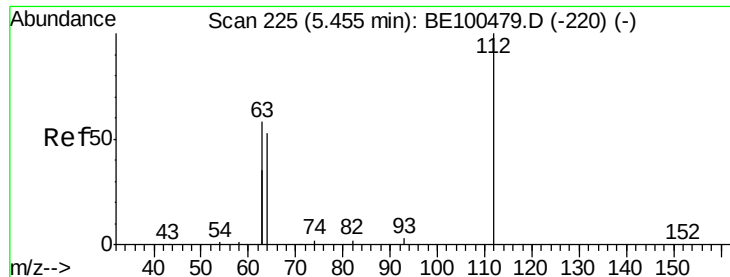


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.436 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

Instrument :

BNA_E

ClientSampleId :

PB121443BL

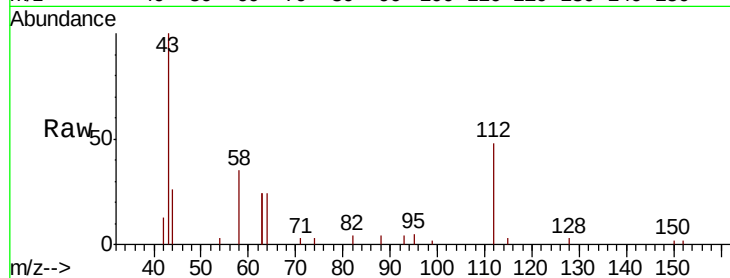
Tgt Ion: 112 Resp: 2623

Ion Ratio Lower Upper

112 100

64 65.9 54.1 81.1

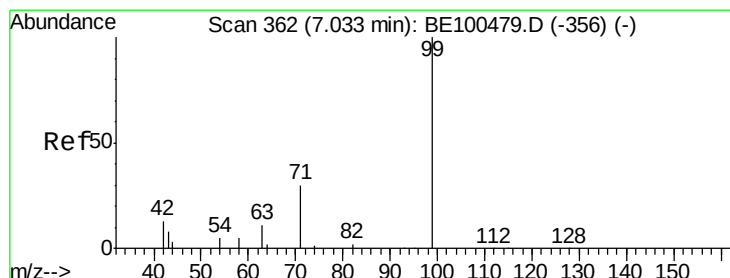
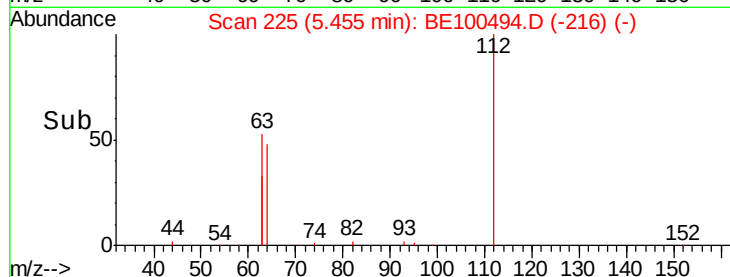
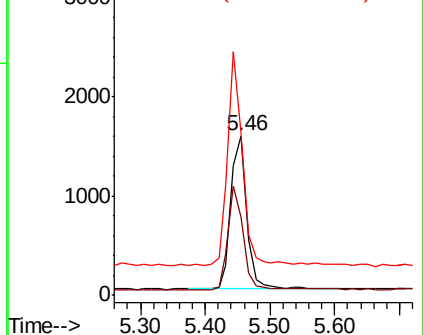
63 129.7 104.6 157.0



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: 0.442 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

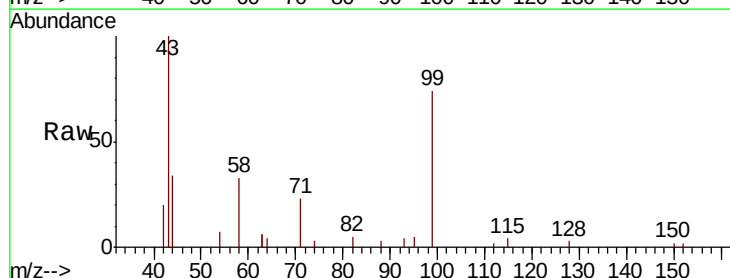
Tgt Ion: 99 Resp: 3797

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

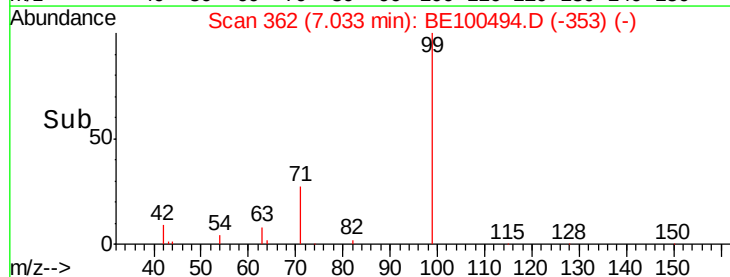
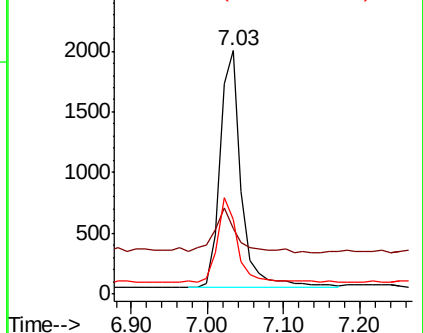
71 32.7 26.4 39.6

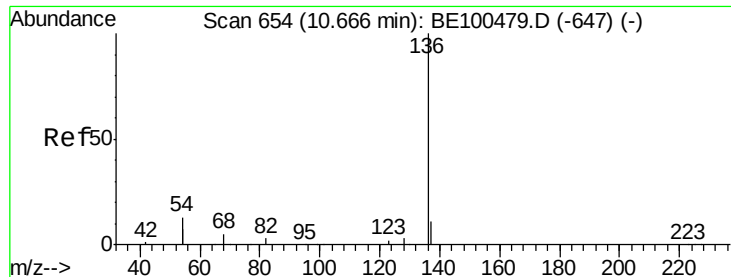


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100494.D

Acq: 23 Jul 2019 10:25

Instrument :

BNA_E

ClientSampleId :

PB121443BL

Tgt Ion:136 Resp: 8950

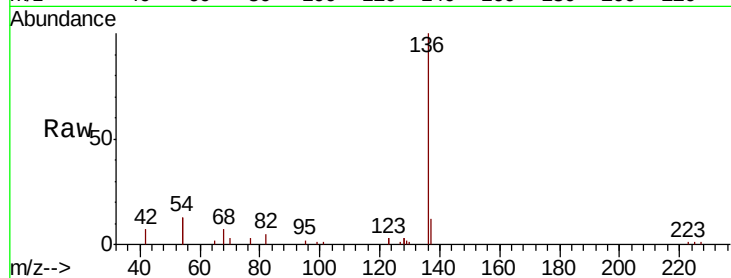
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.6

54 26.6 20.6 31.0

68 6.7 5.3 7.9

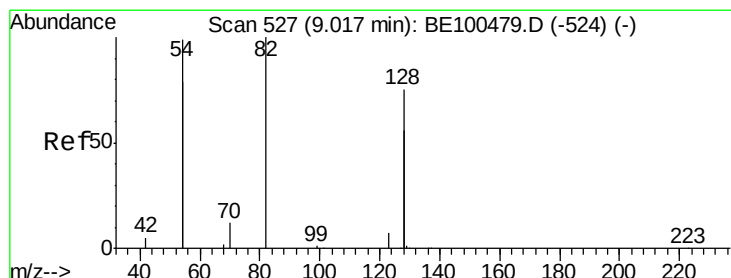
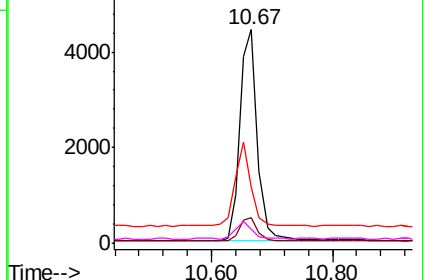
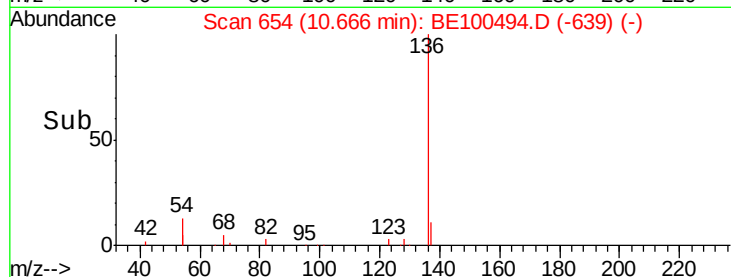


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.403 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

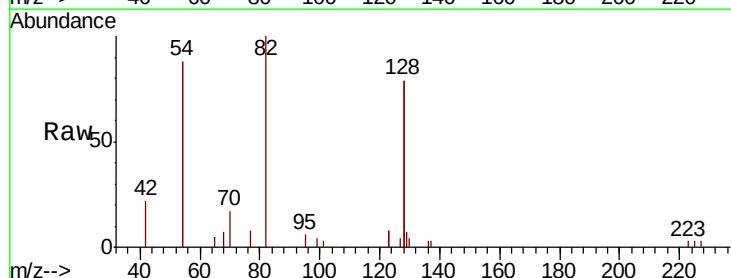
Tgt Ion: 82 Resp: 2998

Ion Ratio Lower Upper

82 100

128 157.4 113.6 170.4

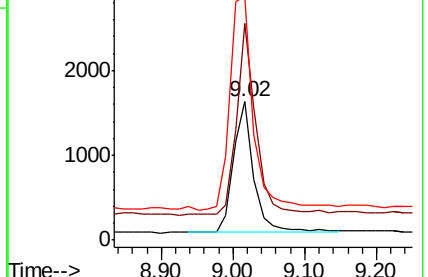
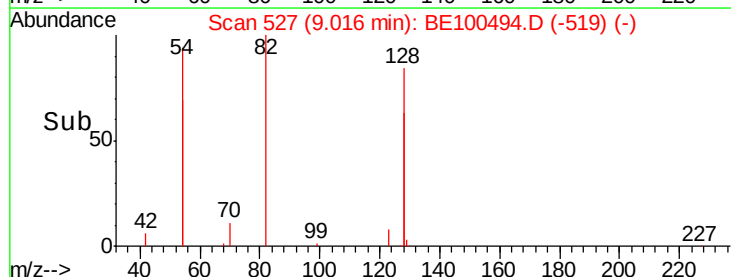
54 176.3 150.6 226.0

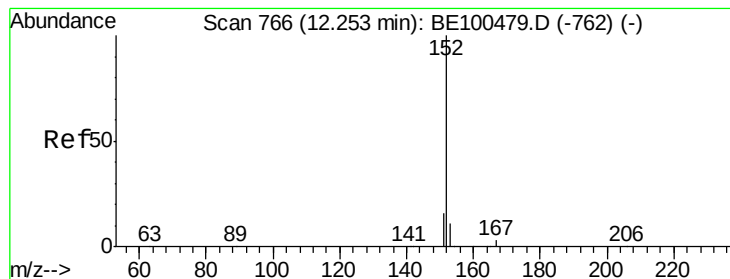


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

Instrument :

BNA_E

ClientSampleId :

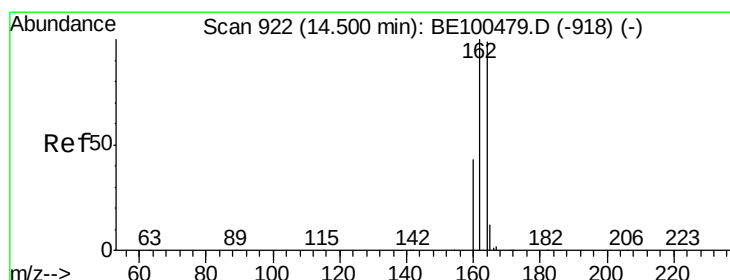
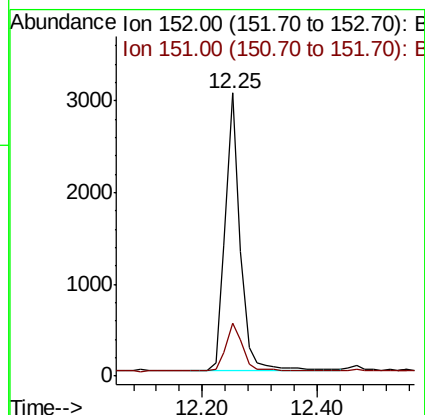
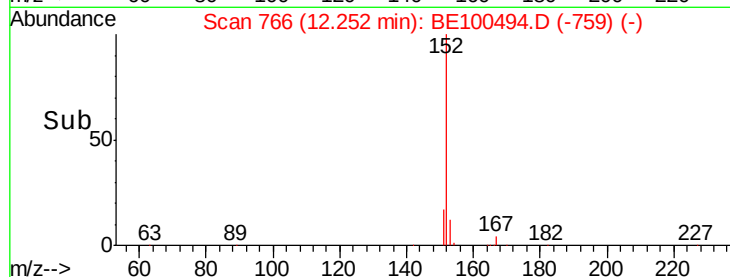
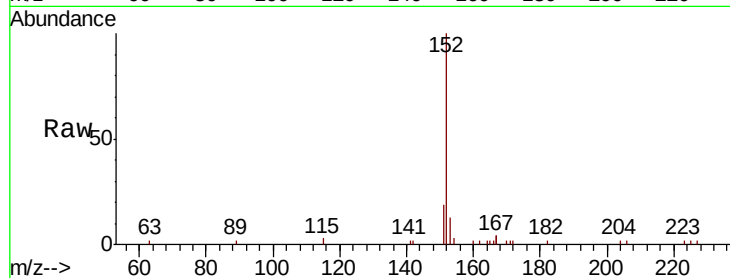
PB121443BL

Tgt Ion:152 Resp: 5504

Ion Ratio Lower Upper

152 100

151 19.4 15.1 22.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

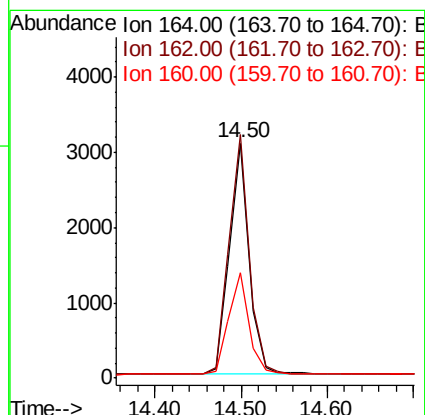
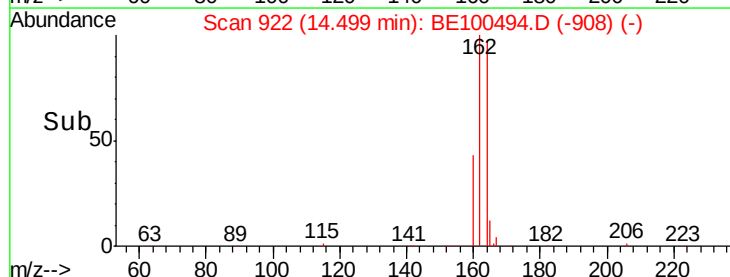
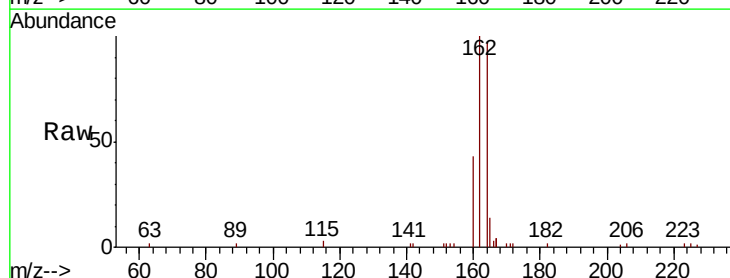
Tgt Ion:164 Resp: 4844

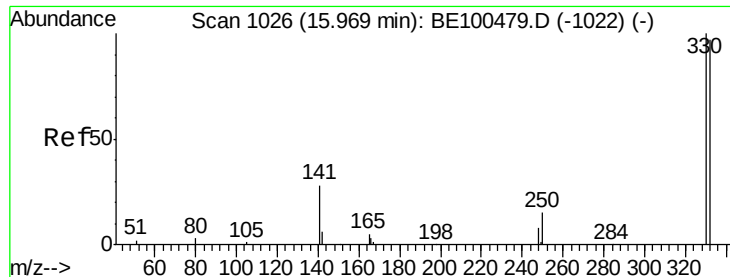
Ion Ratio Lower Upper

164 100

162 103.5 80.8 121.2

160 45.0 34.9 52.3





#14

2,4,6-Tribromophenol

Concen: 0.387 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

Instrument :

BNA_E

ClientSampleId :

PB121443BL

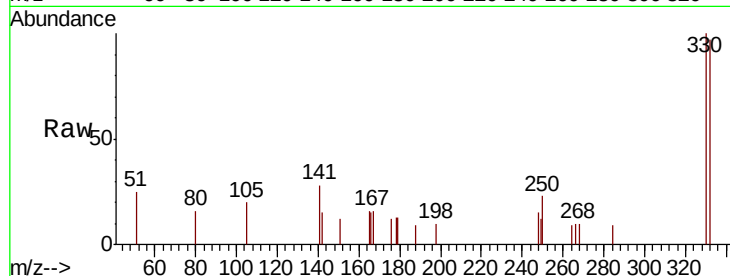
Tgt Ion:330 Resp: 813

Ion Ratio Lower Upper

330 100

332 99.5 80.5 120.7

141 37.0 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

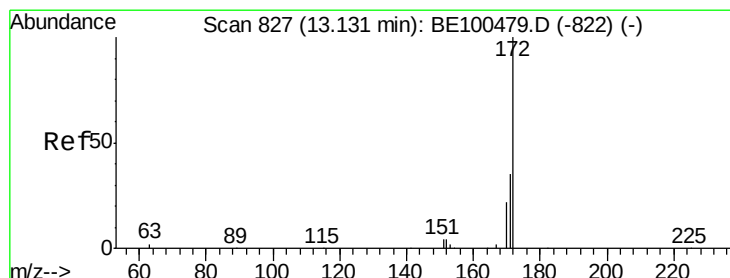
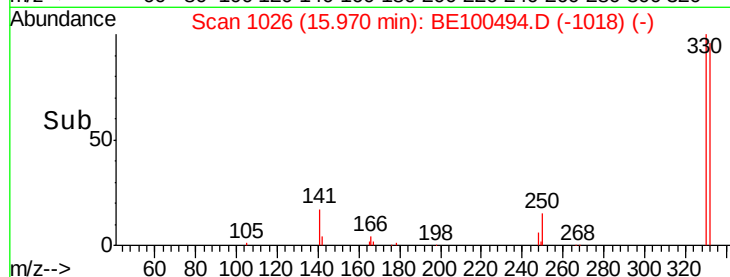
15.97

400

200

0

Time--> 15.80 16.00 16.20



#15

2-Fluorobiphenyl

Concen: 0.392 ng

RT: 13.13 min Scan# 827

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

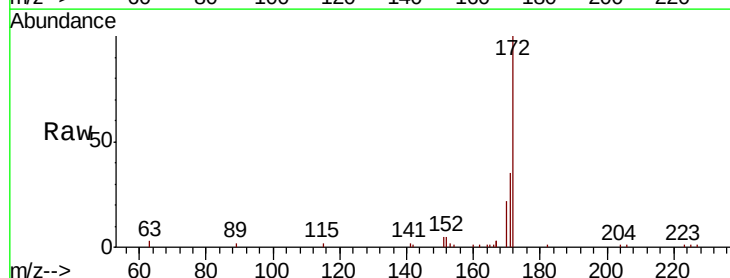
Tgt Ion:172 Resp: 7720

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 22.3 17.8 26.8



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

13.13

6000

5000

4000

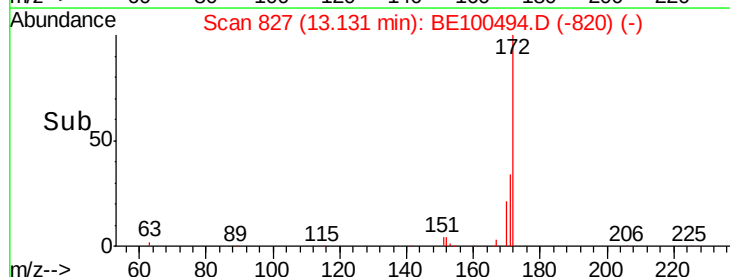
3000

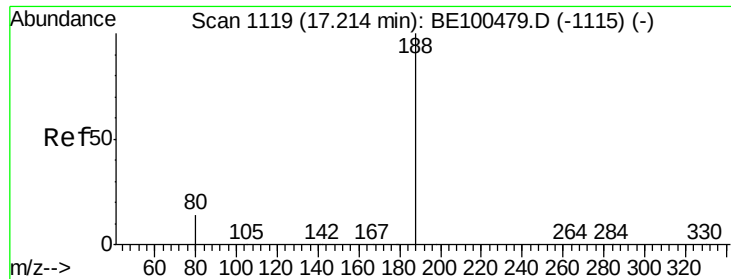
2000

1000

0

Time--> 13.00 13.20 13.40





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

Instrument :

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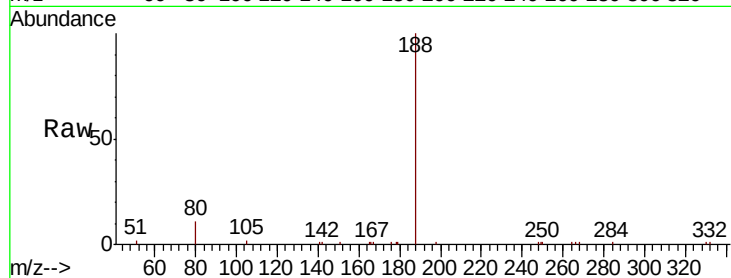
Tgt Ion:188 Resp: 11183

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

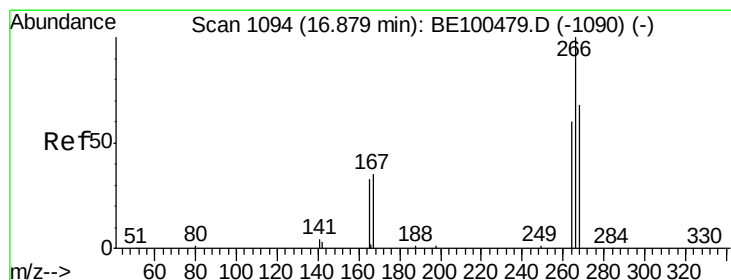
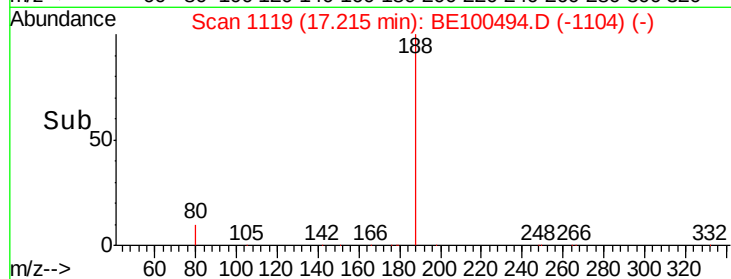
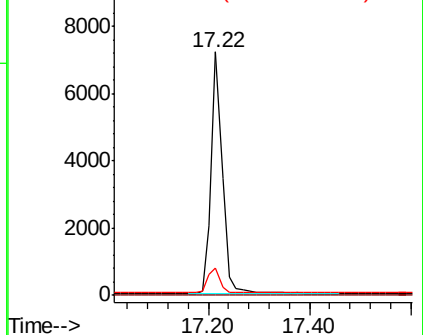
80 11.2 11.9 17.9#



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



#22

Pentachlorophenol

Concen: 0.153 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

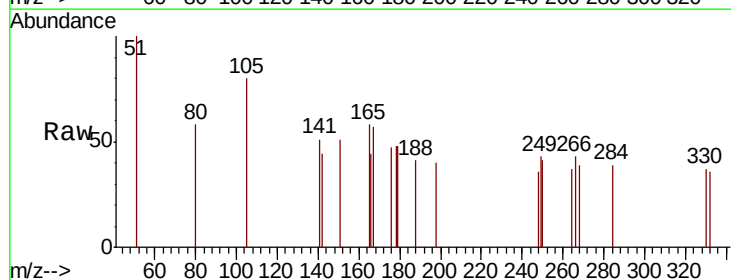
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 87.0 50.4 75.6#

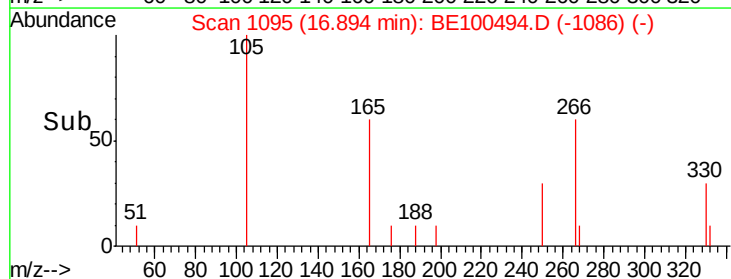
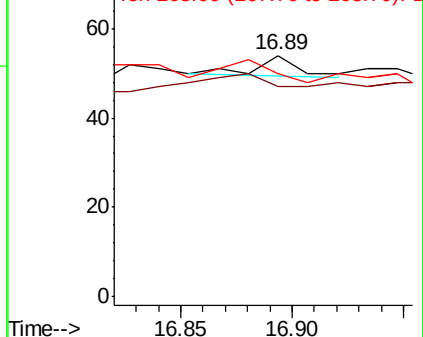
268 92.6 56.6 85.0#

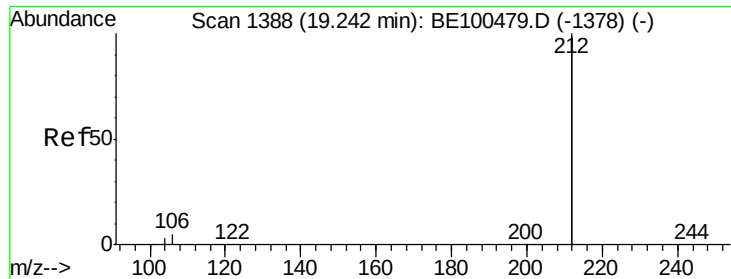


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

Instrument :

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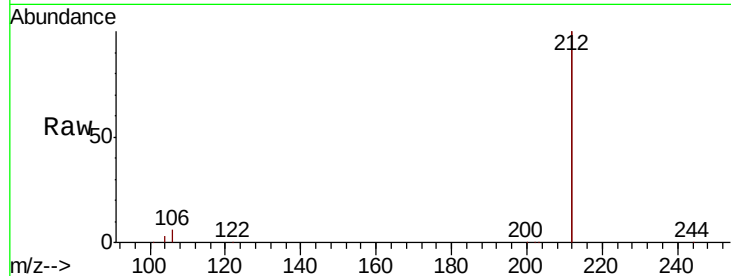
Tgt Ion:212 Resp: 60347

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.4

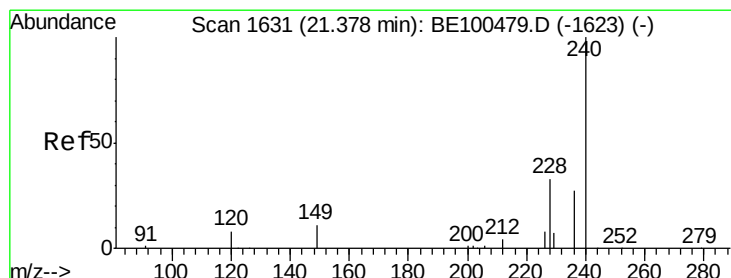
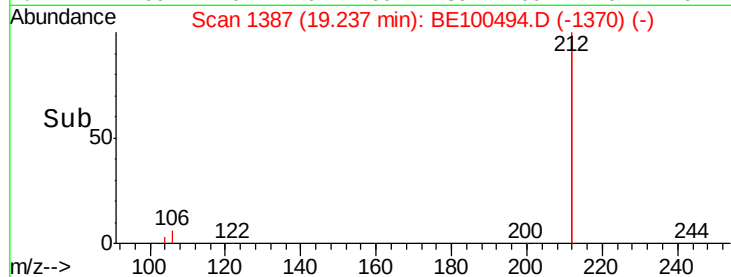
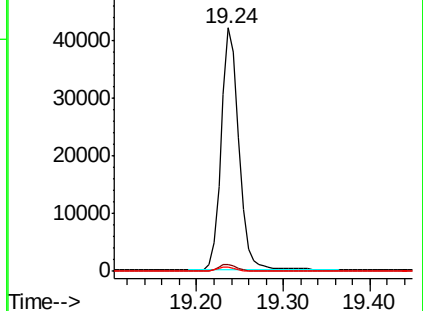
104 1.5 1.2 1.8



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: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

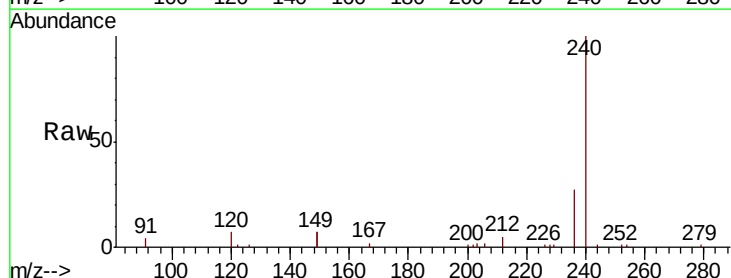
Tgt Ion:240 Resp: 15315

Ion Ratio Lower Upper

240 100

120 6.8 8.2 12.2#

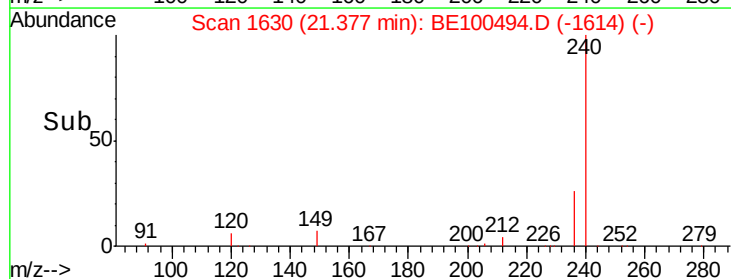
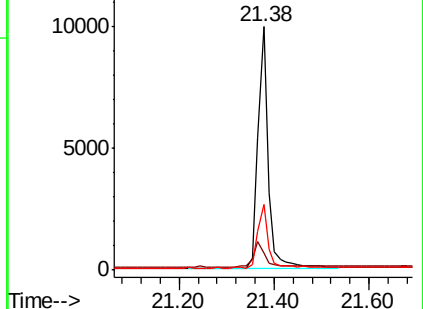
236 26.8 22.6 34.0

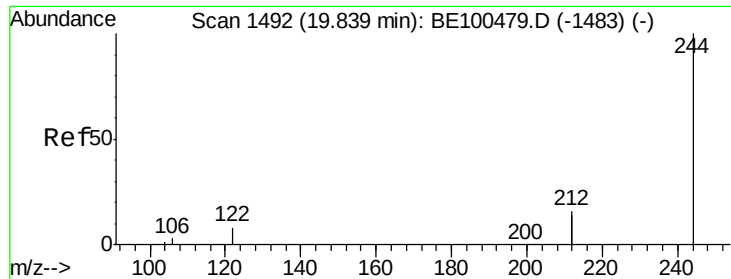


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.310 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

Instrument :

BNA_E

ClientSampleId :

PB121443BL

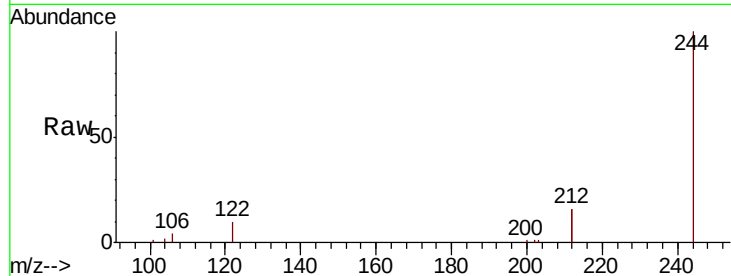
Tgt Ion:244 Resp: 11730

Ion Ratio Lower Upper

244 100

212 32.2 25.6 38.4

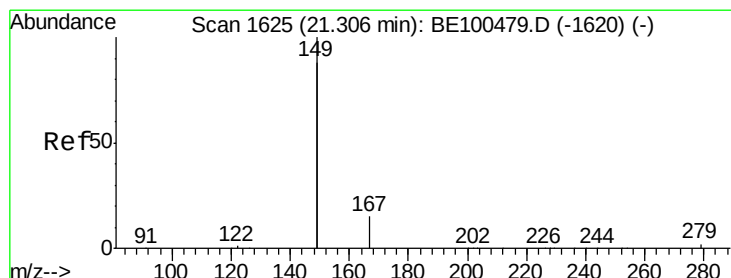
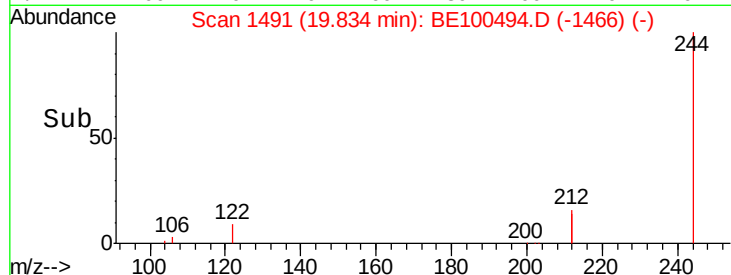
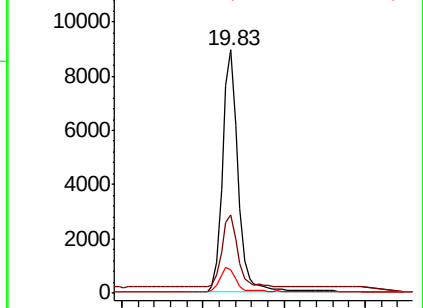
122 9.6 7.2 10.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

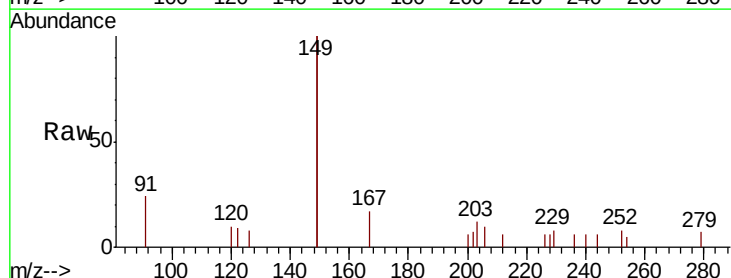
Tgt Ion:149 Resp: 2289

Ion Ratio Lower Upper

149 100

167 8.3 5.9 8.9

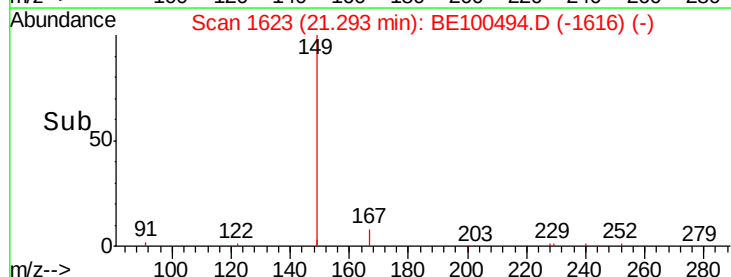
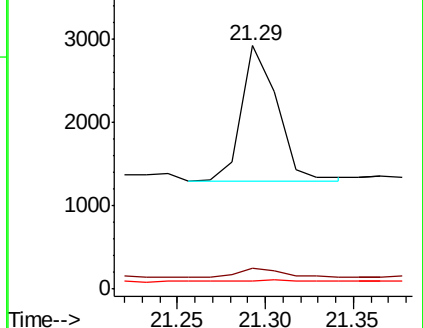
279 2.3 1.0 1.6#

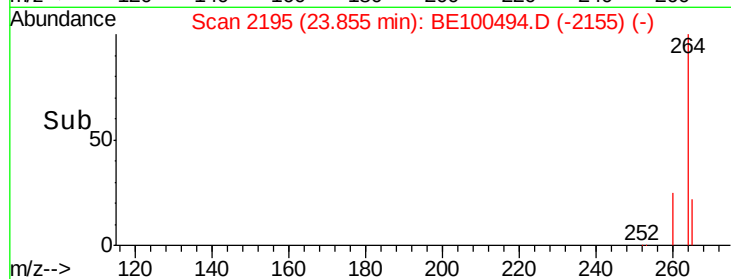
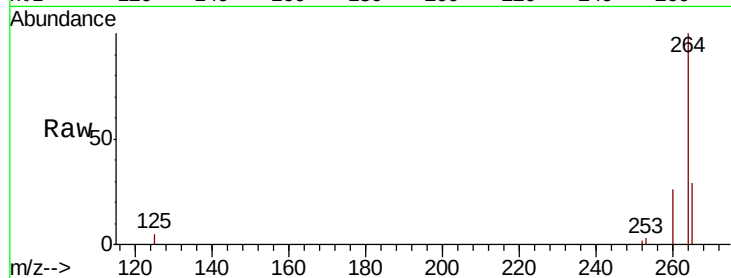
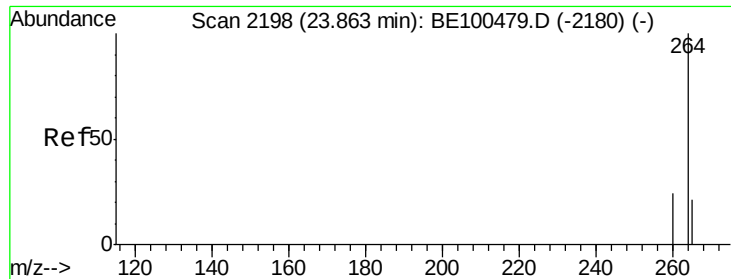


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.86 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE100494.D

Acq: 23 Jul 2019 10:25

Instrument :

BNA_E

ClientSampleId :

PB121443BL

Tgt Ion: 264 Resp: 19529

Ion Ratio Lower Upper

264 100

260 26.0 20.7 31.1

265 29.0 23.4 35.2

