

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100666.D
 Acq On : 23 Oct 2019 17:53
 Operator : JU
 Sample : PB124100BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 24 01:33:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

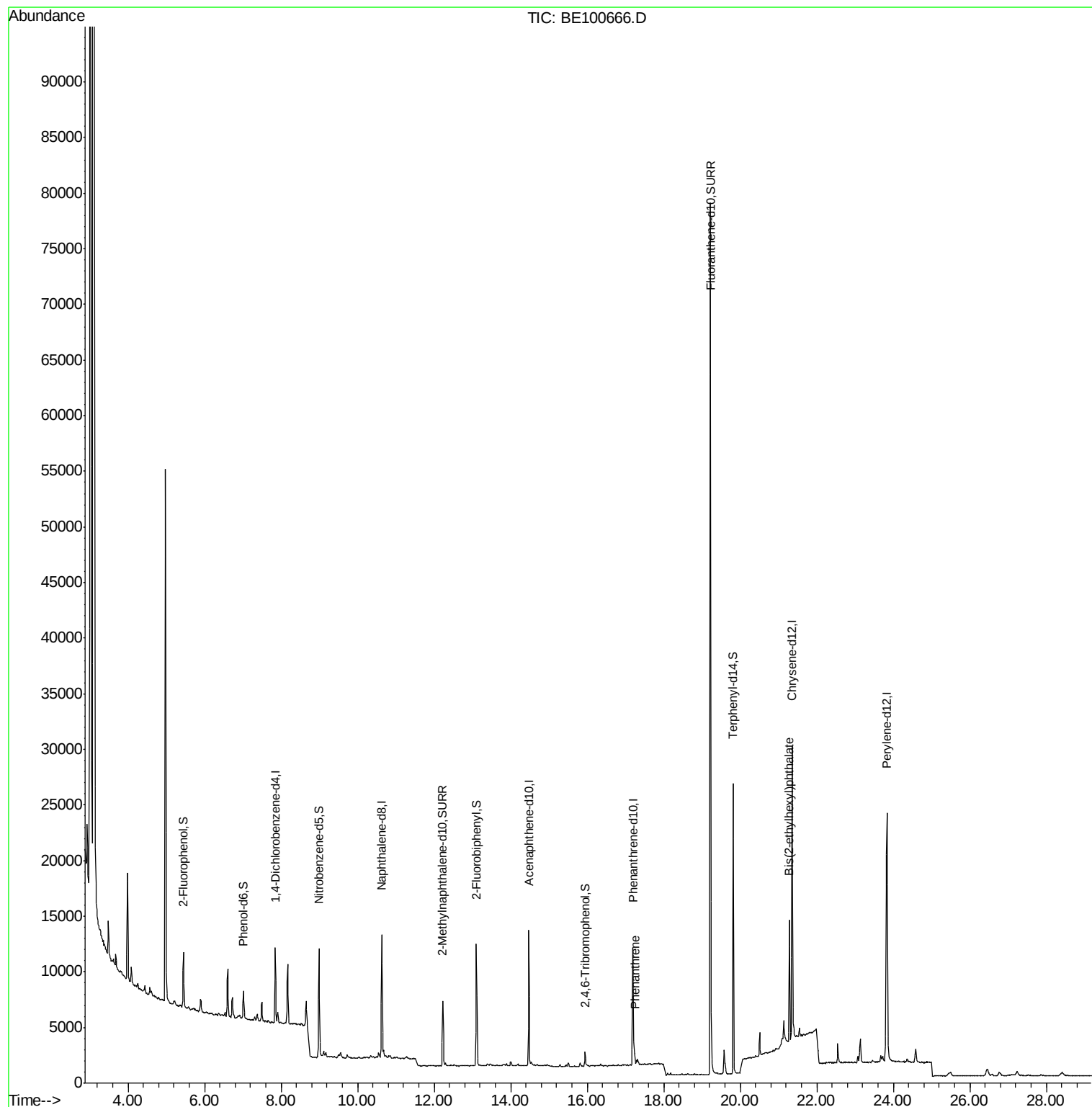
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3172	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	12814	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	7550	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	17919	0.40	ng	0.00
27) Chrysene-d12	21.35	240	27836	0.40	ng	0.00
34) Perylene-d12	23.83	264	33095	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2475	0.25	ng	0.00
5) Phenol-d6	7.01	99	2401	0.17	ng	0.00
8) Nitrobenzene-d5	8.99	82	3699	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7655	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	833	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	10857	0.39	ng	0.00
25) Fluoranthene-d10	19.22	212	105696	0.46	ng	0.00
29) Terphenyl-d14	19.82	244	23706	0.39	ng	0.00
Target Compounds						
23) Phenanthrene	17.24	178	1010	0.020	ng	Qvalue # 87
32) Bis(2-ethylhexyl)phthalate	21.28	149	14268	0.075	ng	99

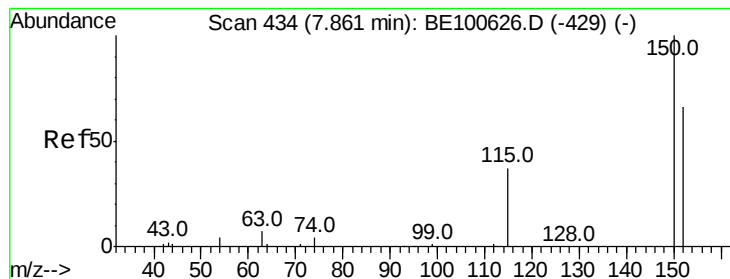
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE100666.D

Acq: 23 Oct 2019 17:53

Instrument :

BNA_E

ClientSampleId :

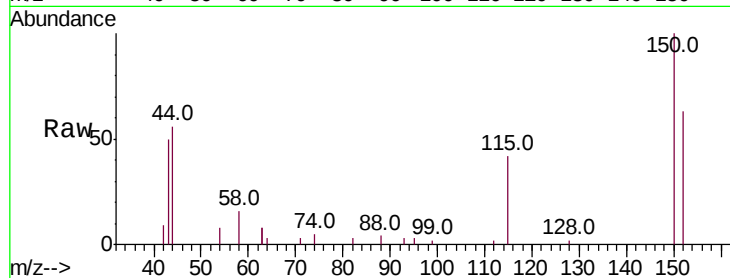
Tot Ion:152 Resp: 3172

Ion Ratio Lower Upper

152 100

150 157.5 123.3 184.9

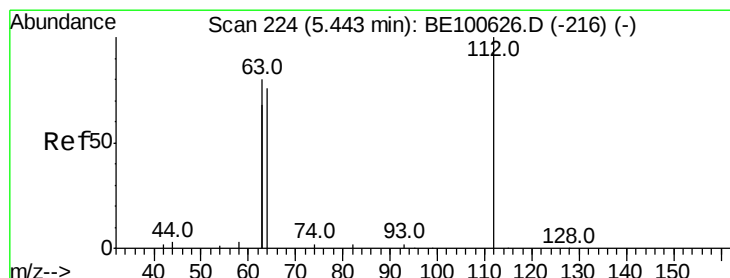
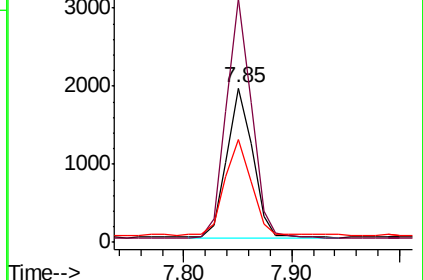
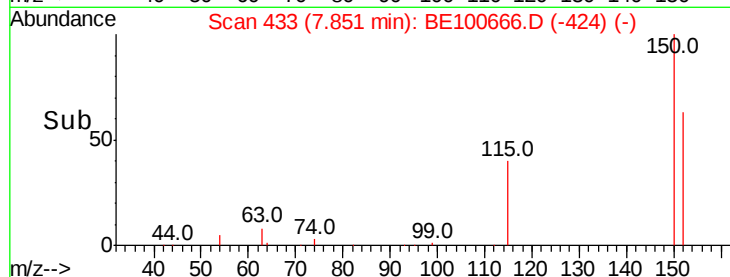
115 66.8 51.9 77.9



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: 0.253 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100666.D

Acq: 23 Oct 2019 17:53

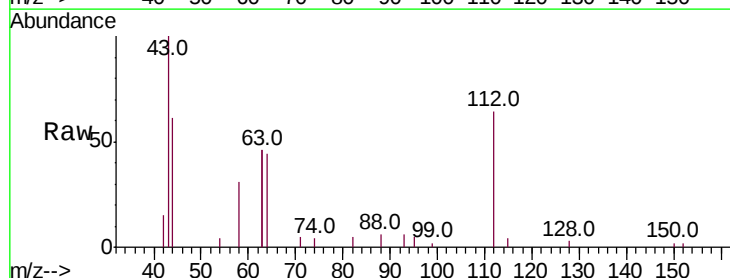
Tgt Ion:112 Resp: 2475

Ion Ratio Lower Upper

112 100

64 69.3 55.4 83.2

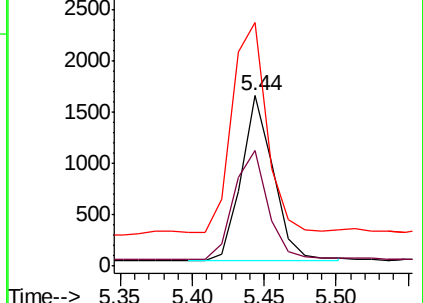
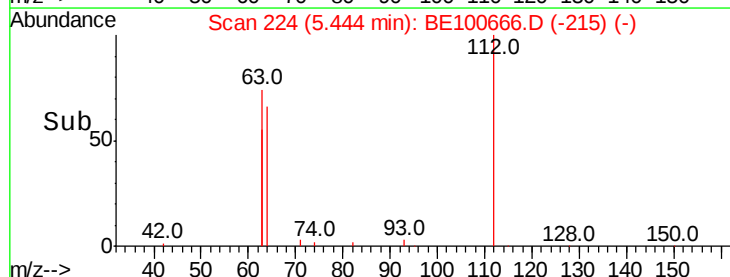
63 140.7 114.2 171.4

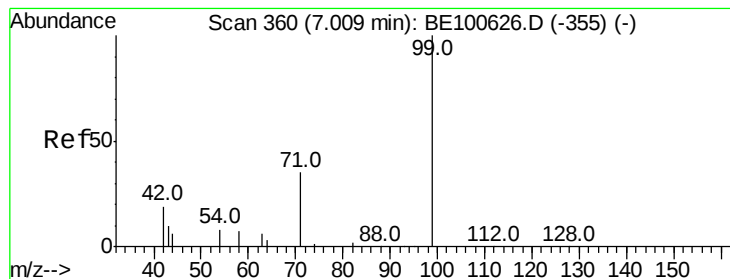


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.174 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100666.D

Acq: 23 Oct 2019 17:53

Instrument :

BNA_E

ClientSampleId :

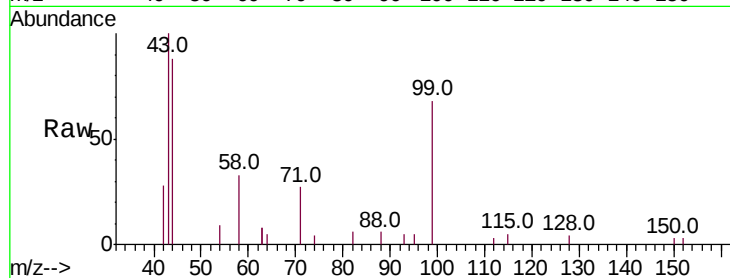
Tot Ion: 99 Resp: 2401

Ion Ratio Lower Upper

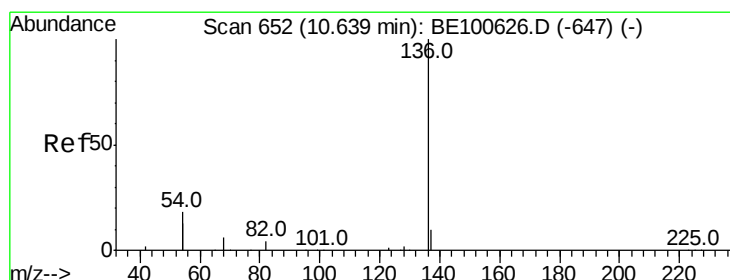
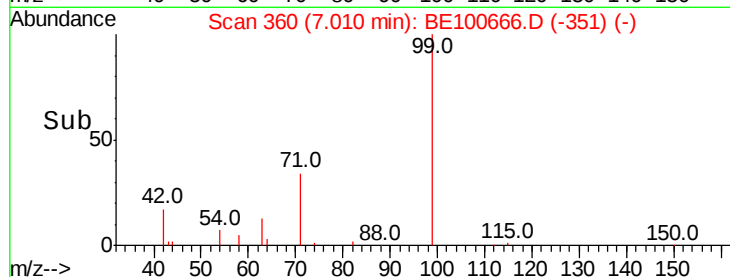
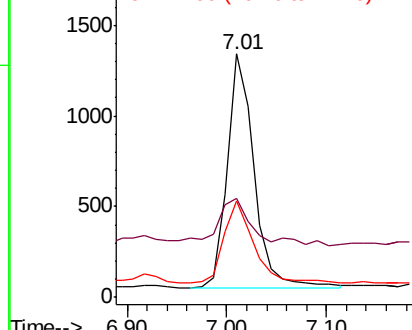
99 100

42 28.4 17.7 26.5#

71 38.7 27.4 41.0



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100666.D

Acq: 23 Oct 2019 17:53

Tgt Ion: 136 Resp: 12814

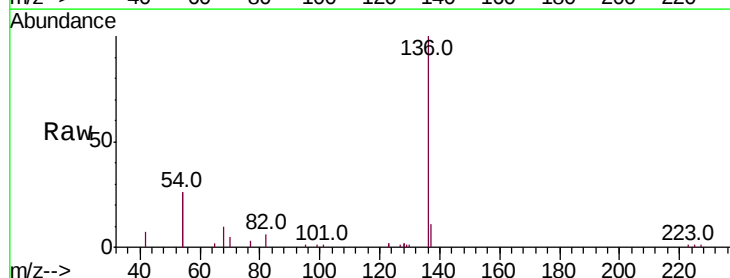
Ion Ratio Lower Upper

136 100

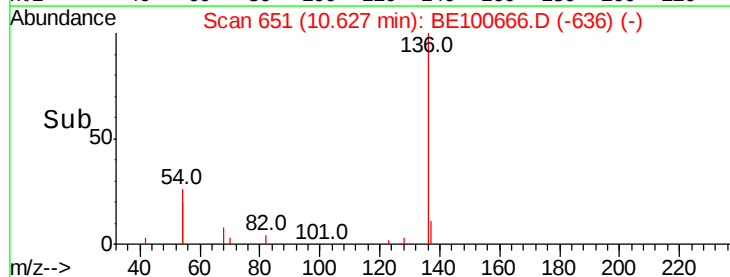
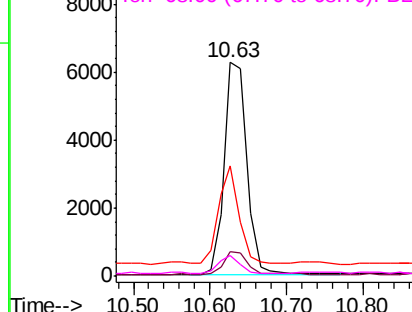
137 11.3 9.2 13.8

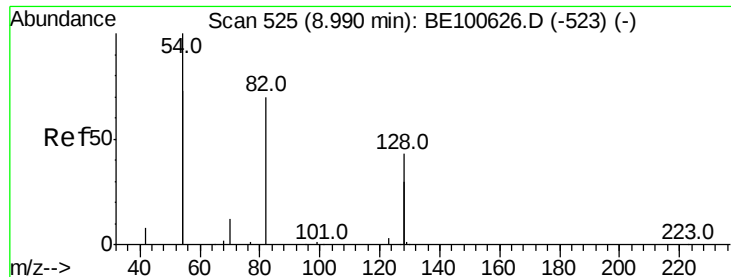
54 51.3 39.4 59.2

68 9.7 8.0 12.0



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

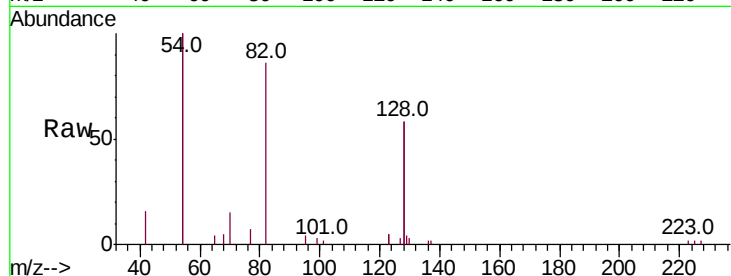




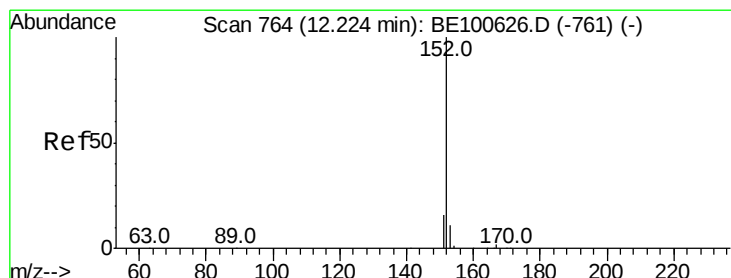
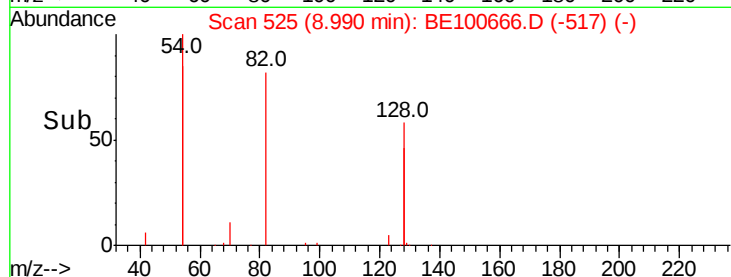
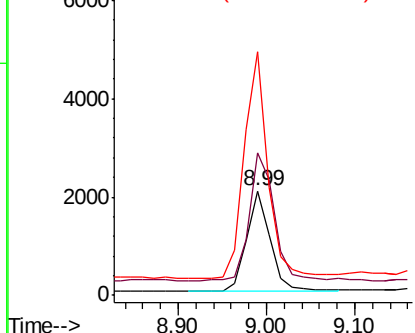
#8
 Nitrobenzene-d5
 Concen: 0.466 ng
 RT: 8.99 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BE100666.D
 Acq: 23 Oct 2019 17:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 3699
 Ion Ratio Lower Upper
 82 100
 128 136.2 107.8 161.8
 54 233.6 166.1 249.1

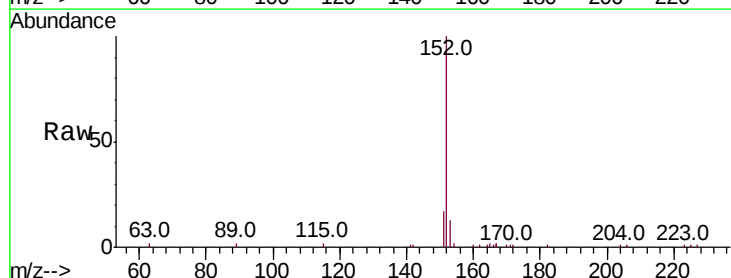


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

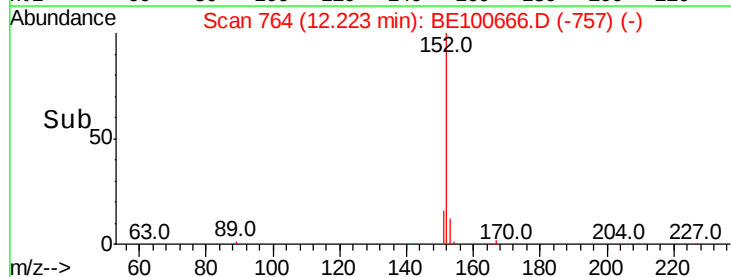
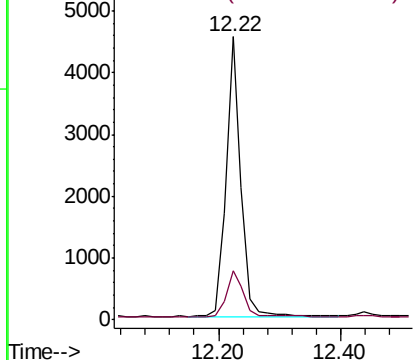


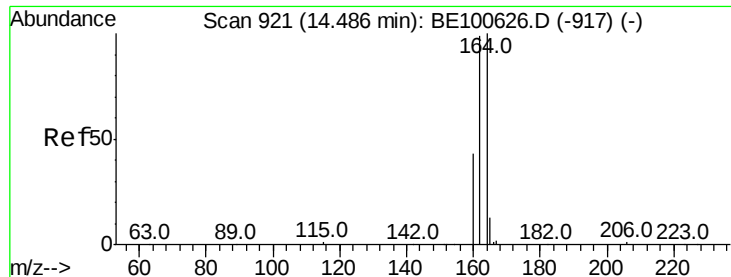
#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100666.D
 Acq: 23 Oct 2019 17:53

Tgt Ion: 152 Resp: 7655
 Ion Ratio Lower Upper
 152 100
 151 18.3 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

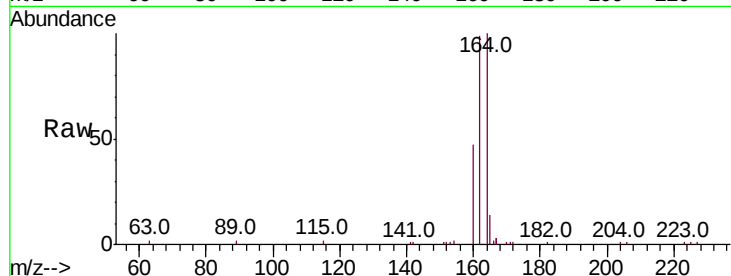




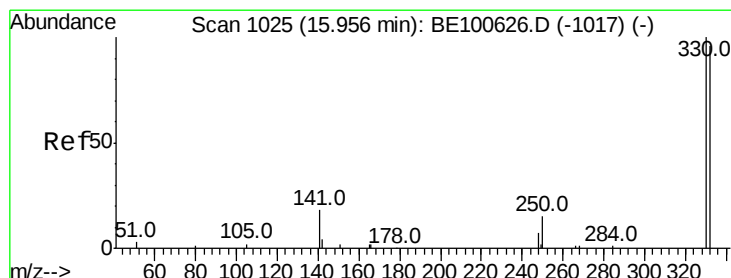
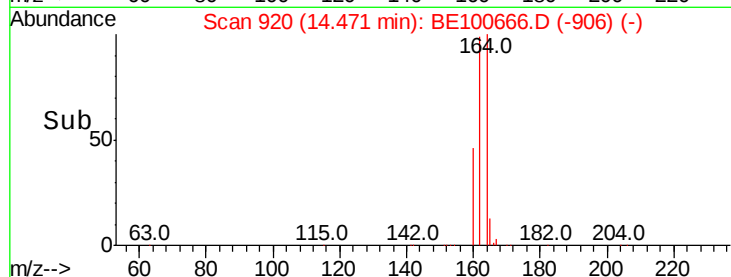
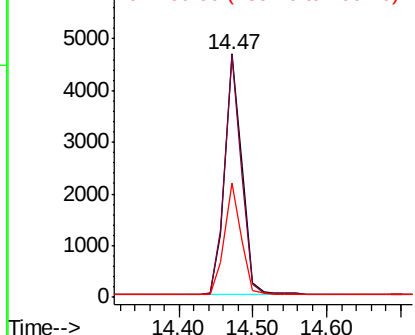
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100666.D
Acq: 23 Oct 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7550
Ion Ratio Lower Upper
164 100
162 99.3 82.0 123.0
160 46.9 37.5 56.3

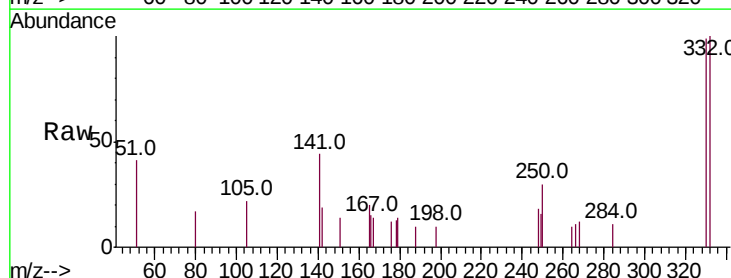


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

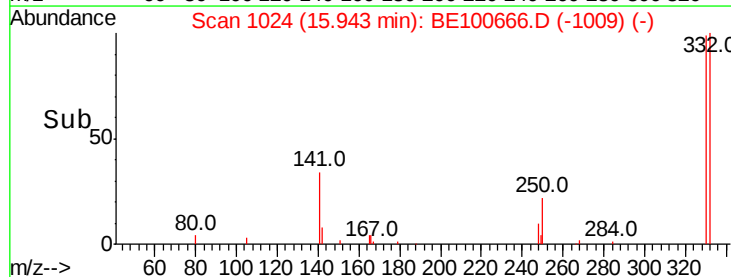
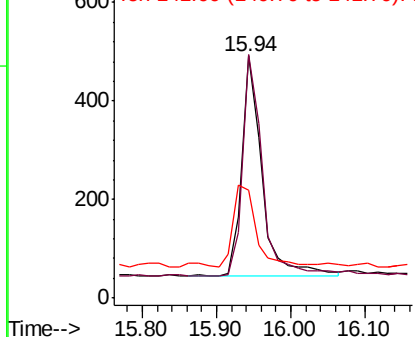


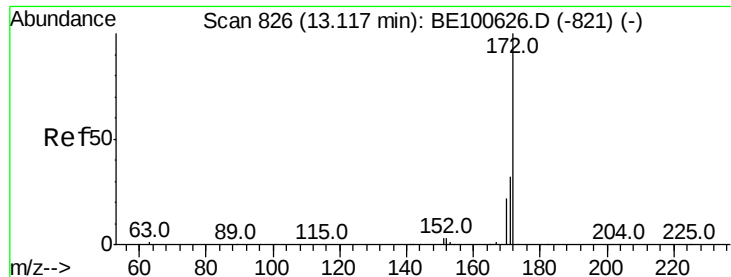
#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100666.D
Acq: 23 Oct 2019 17:53

Tgt Ion:330 Resp: 833
Ion Ratio Lower Upper
330 100
332 102.0 77.9 116.9
141 44.7 33.0 49.6



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

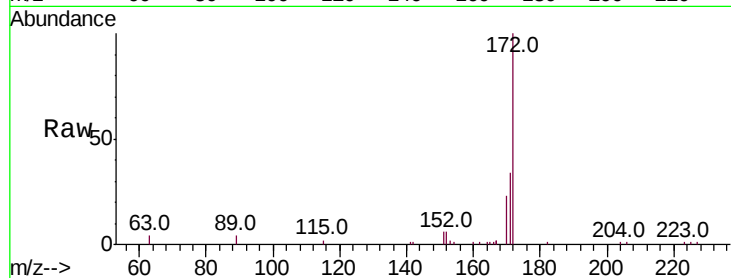




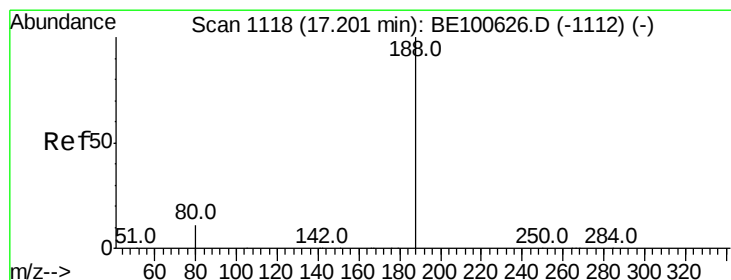
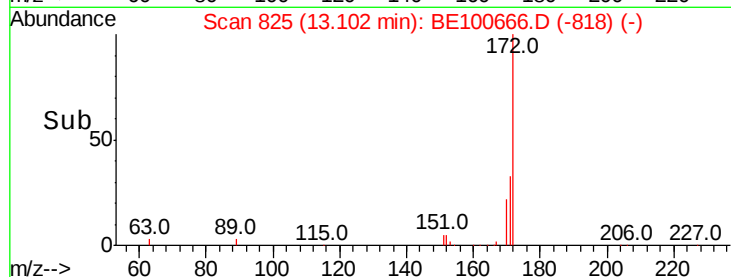
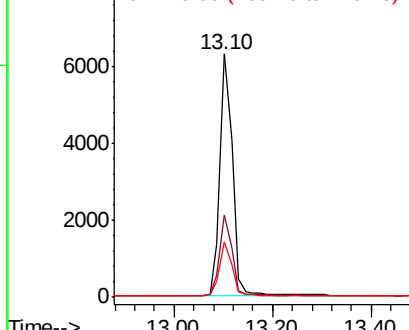
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100666.D
Acq: 23 Oct 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 10857
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 22.9 19.0 28.4

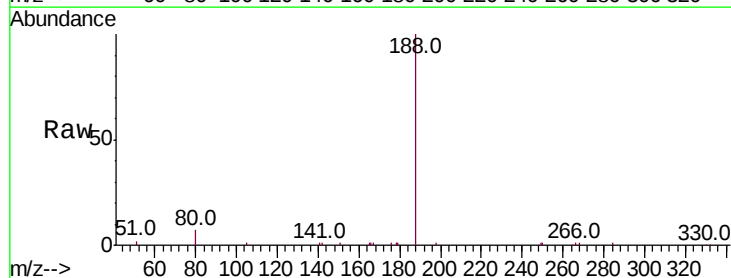


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

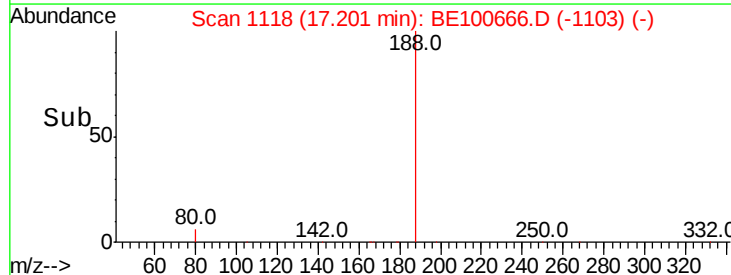
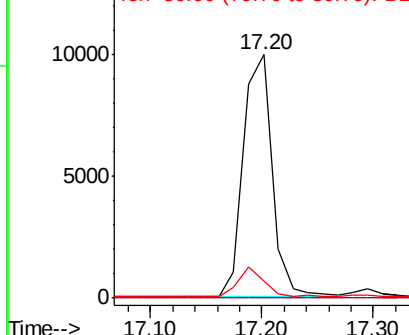


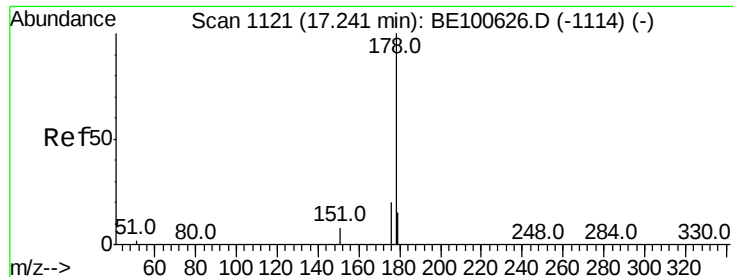
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100666.D
Acq: 23 Oct 2019 17:53

Tgt Ion:188 Resp: 17919
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 5.4 8.0



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





#23

Phenanthrene

Concen: 0.020 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE100666.D

Acq: 23 Oct 2019 17:53

Instrument :

BNA_E

ClientSampleId :

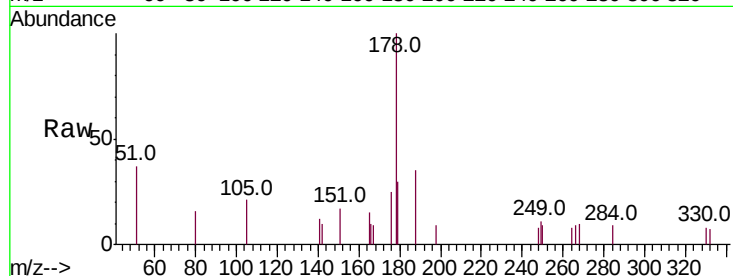
Tot Ion:178 Resp: 1010

Ion Ratio Lower Upper

178 100

176 21.2 15.2 22.8

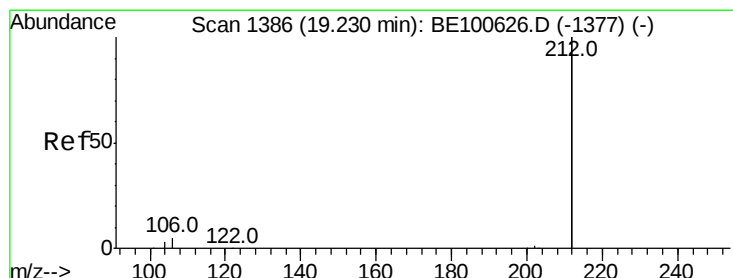
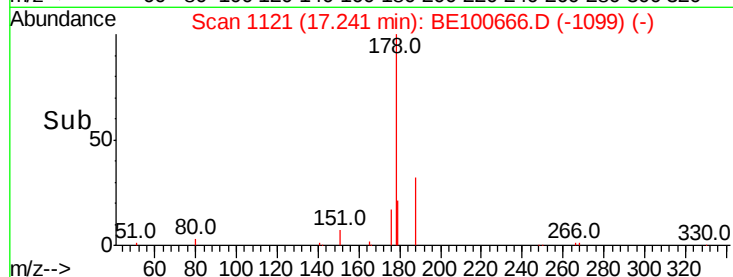
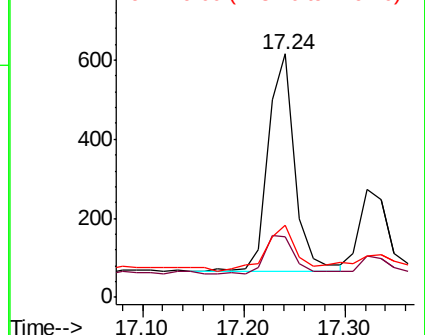
179 24.4 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE100666.D

Acq: 23 Oct 2019 17:53

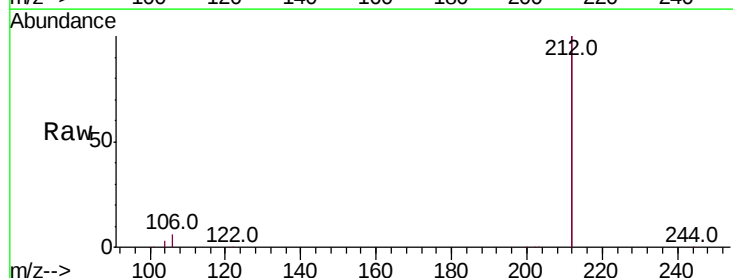
Tgt Ion:212 Resp: 105696

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

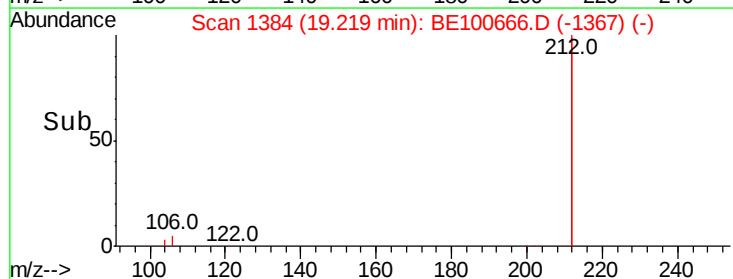
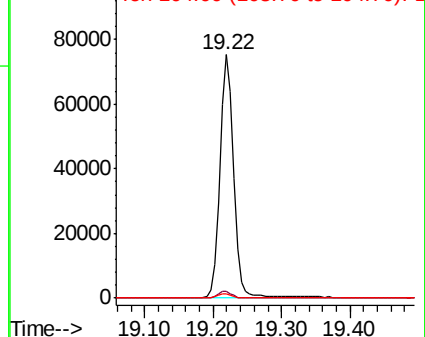
104 1.6 1.3 1.9

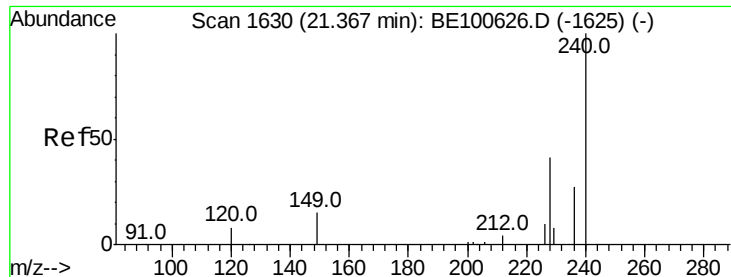


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

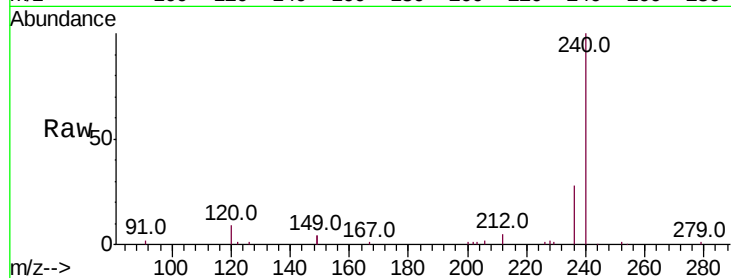




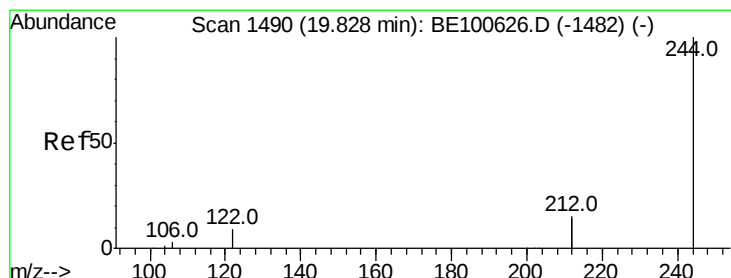
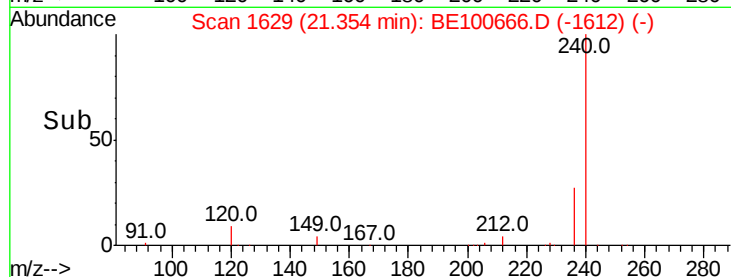
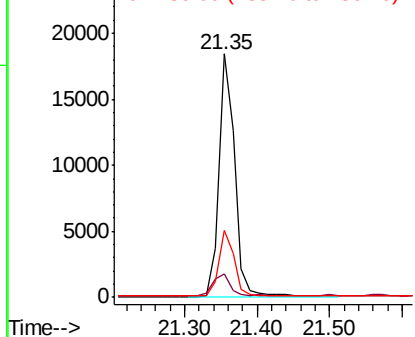
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100666.D
Acq: 23 Oct 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 27836
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 27.6 22.1 33.1

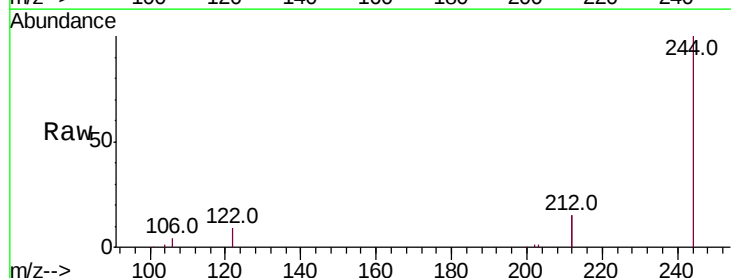


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

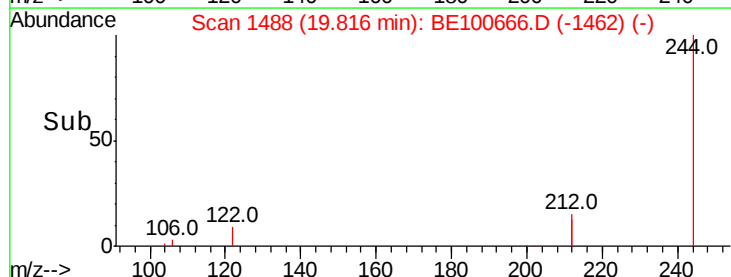
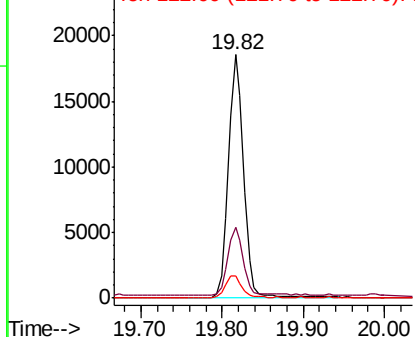


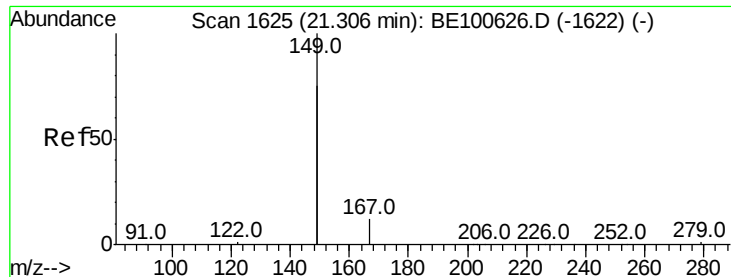
#29
Terphenyl-d14
Concen: 0.390 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100666.D
Acq: 23 Oct 2019 17:53

Tgt Ion:244 Resp: 23706
Ion Ratio Lower Upper
244 100
212 29.1 23.7 35.5
122 9.1 7.9 11.9



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: 0.075 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100666.D

Acq: 23 Oct 2019 17:53

Instrument :

BNA_E

ClientSampleId :

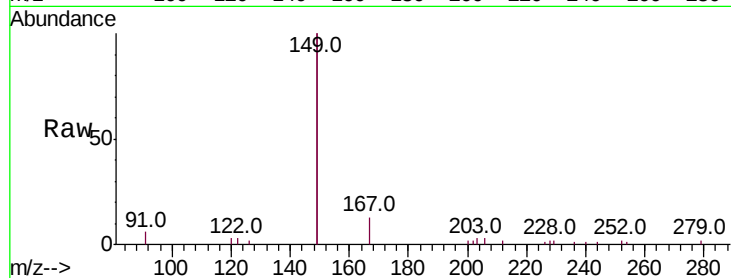
Tot Ion:149 Resp: 14268

Ion Ratio Lower Upper

149 100

167 7.1 5.5 8.3

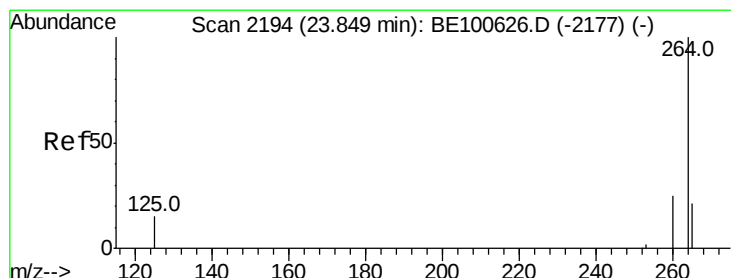
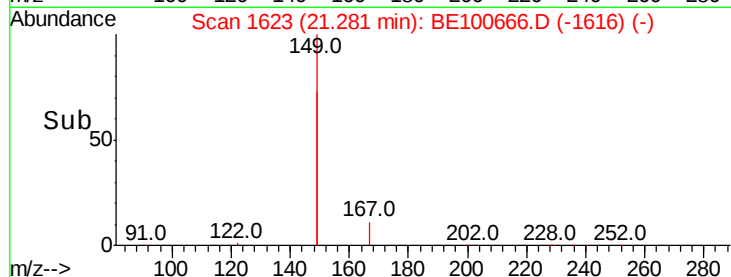
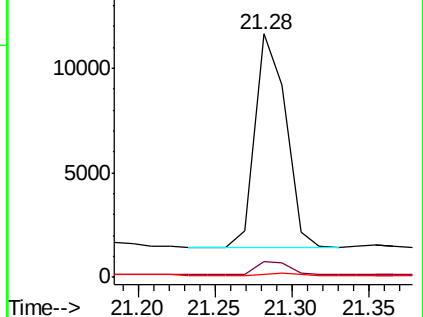
279 1.2 0.9 1.3



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: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE100666.D

Acq: 23 Oct 2019 17:53

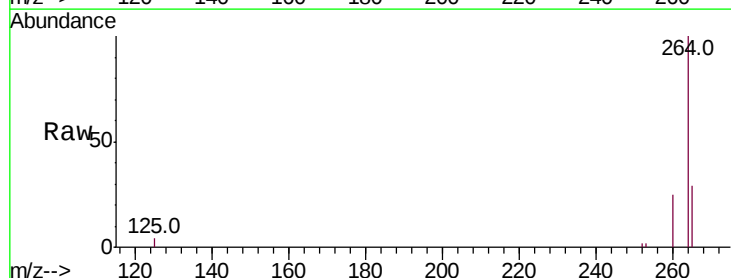
Tgt Ion:264 Resp: 33095

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 28.6 21.7 32.5



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

