

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100689.D
 Acq On : 29 Oct 2019 00:35
 Operator : JU
 Sample : K5531-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:54:46 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

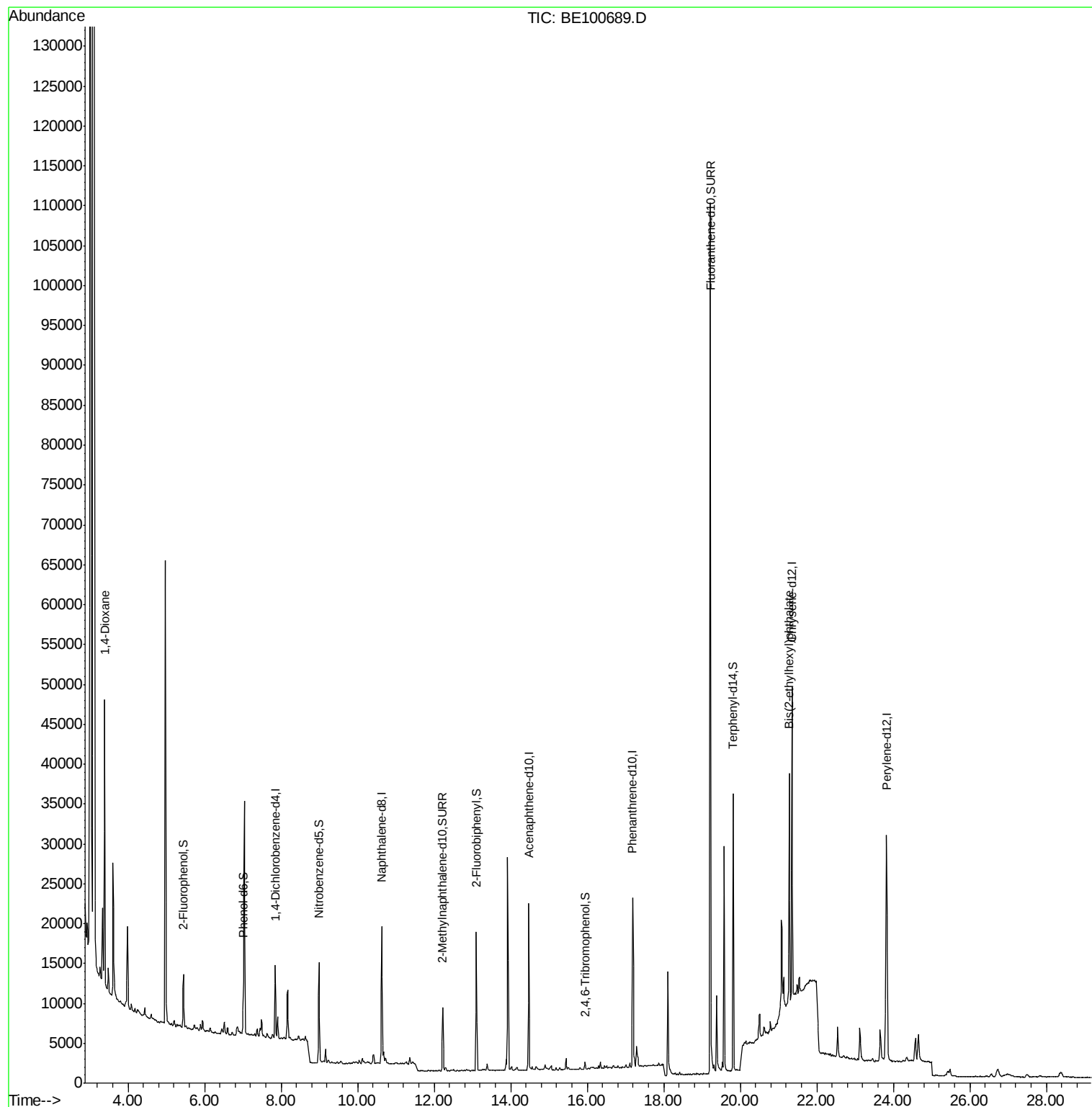
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	4413	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	19146	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12025	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	29398	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	37801	0.40	ng	0.00
34) Perylene-d12	23.83	264	42661	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	3390	0.25	ng	0.00
5) Phenol-d6	7.01	99	3402	0.18	ng	0.00
8) Nitrobenzene-d5	8.99	82	4870	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9891	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	506	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	15663	0.36	ng	0.00
25) Fluoranthene-d10	19.21	212	146722	0.39	ng	0.00
29) Terphenyl-d14	19.81	244	32293	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	21245	2.698	ng	Qvalue # 88
32) Bis(2-ethylhexyl)phthalate	21.28	149	35029	0.136	ng	100

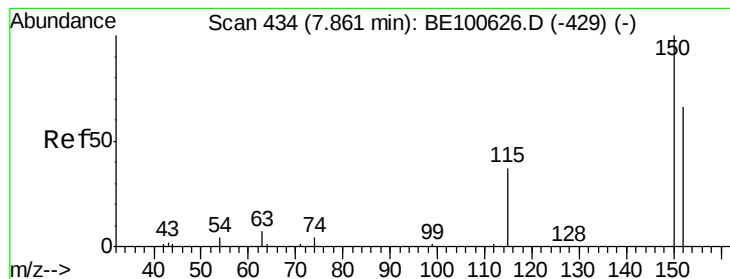
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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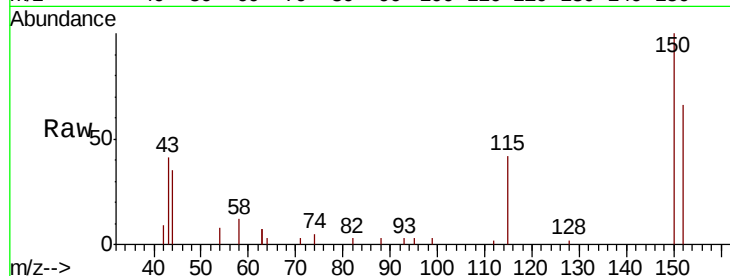


#1

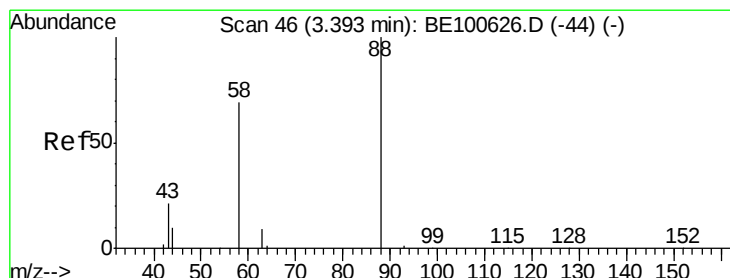
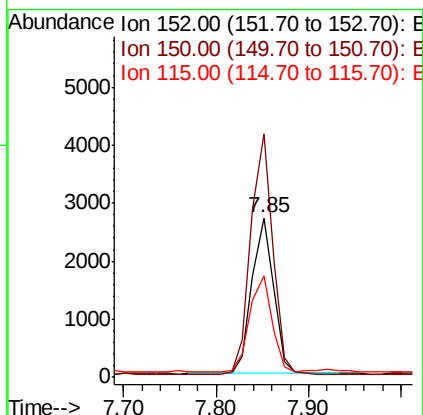
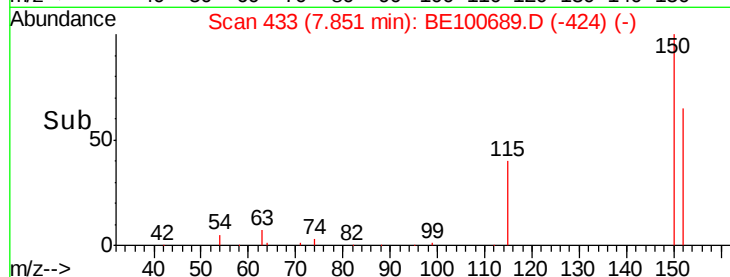
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100689.D
Acq: 29 Oct 2019 00:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4413
Ion Ratio Lower Upper
152 100
150 152.5 123.3 184.9
115 63.5 51.9 77.9



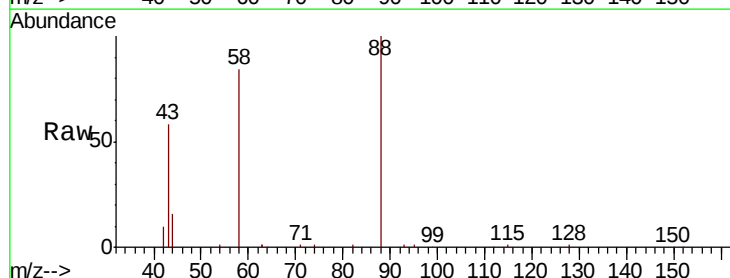
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



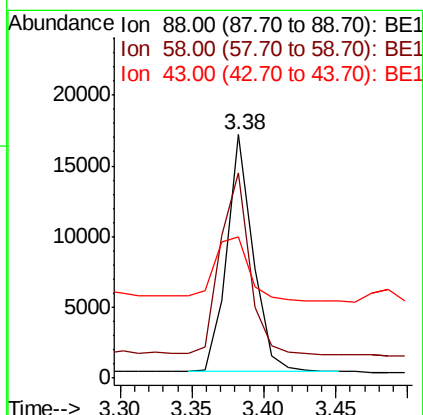
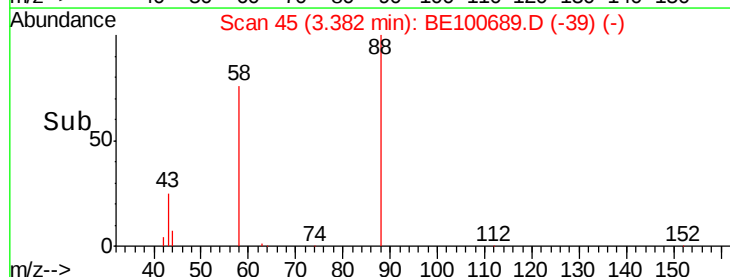
#2

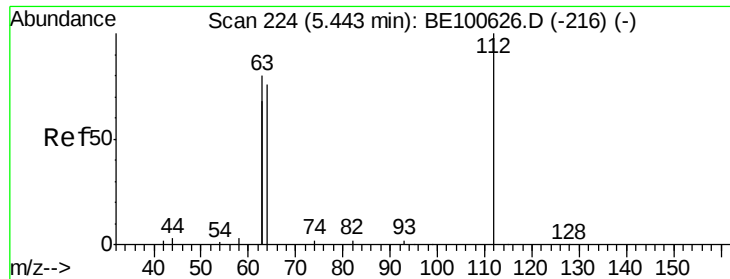
1,4-Dioxane
Concen: 2.698 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100689.D
Acq: 29 Oct 2019 00:35

Tgt Ion: 88 Resp: 21245
Ion Ratio Lower Upper
88 100
58 84.8 59.8 89.6
43 37.3 24.6 36.8#



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: 0.249 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

Instrument :

BNA_E

ClientSampleId :

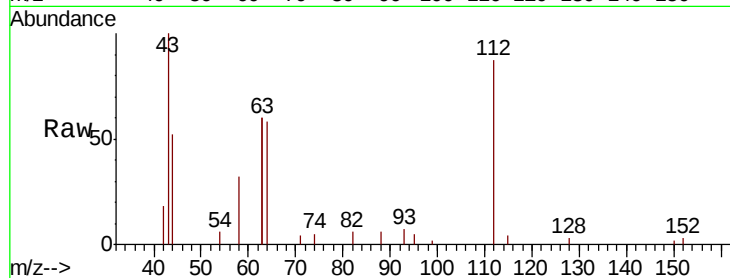
Tot Ion:112 Resp: 3390

Ion Ratio Lower Upper

112 100

64 71.6 55.4 83.2

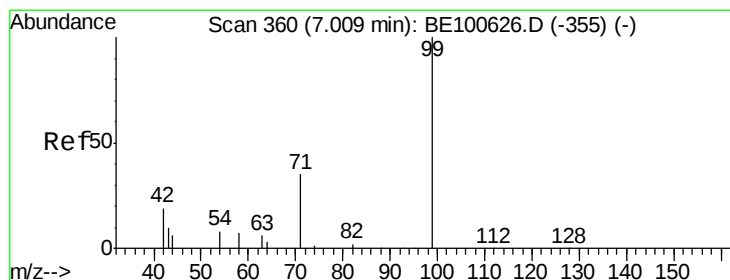
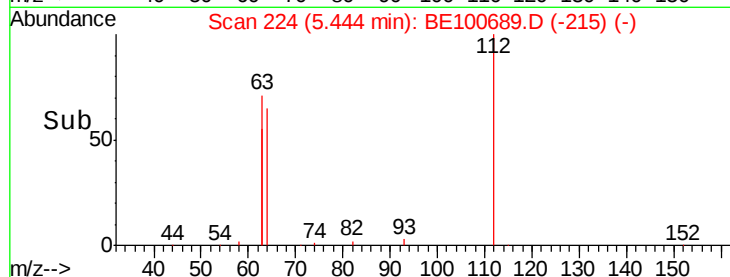
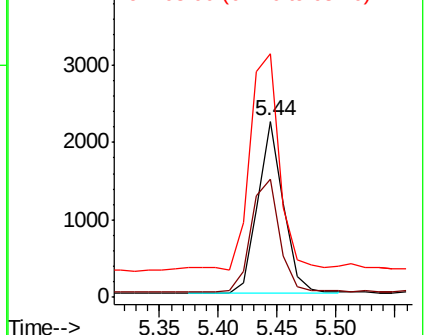
63 138.4 114.2 171.4



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: 0.177 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

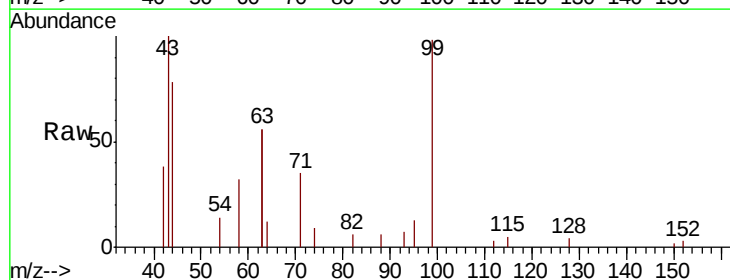
Tgt Ion: 99 Resp: 3402

Ion Ratio Lower Upper

99 100

42 0.0 17.7 26.5#

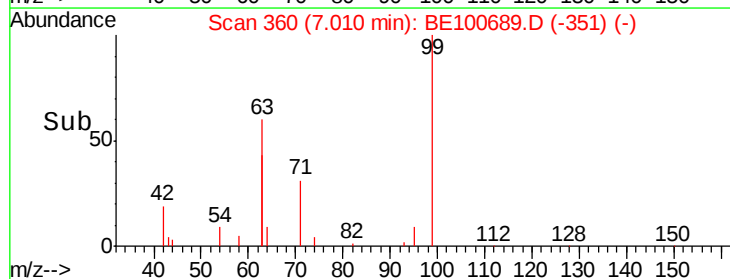
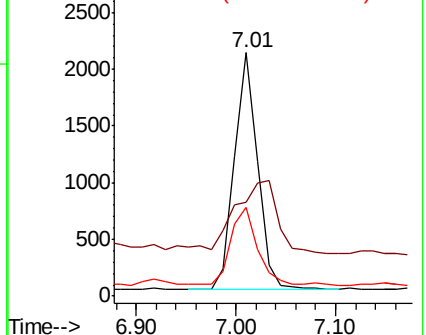
71 36.3 27.4 41.0

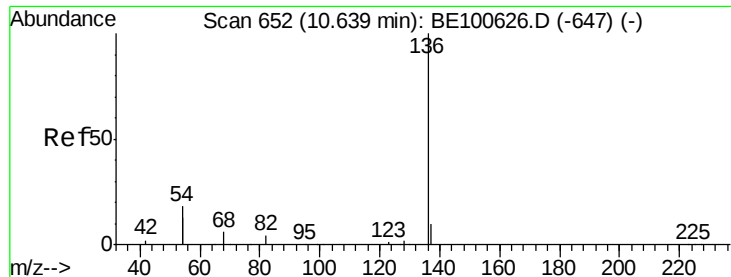


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100689.D

Acq: 29 Oct 2019 00:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19146

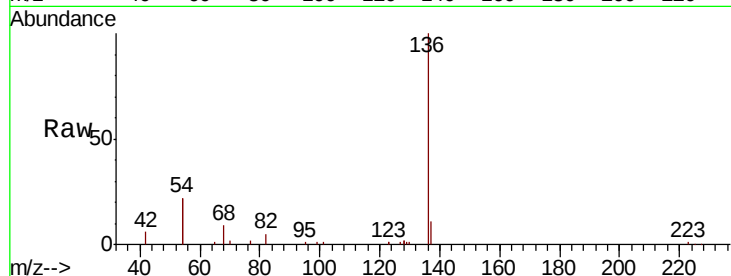
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 43.4 39.4 59.2

68 8.7 8.0 12.0

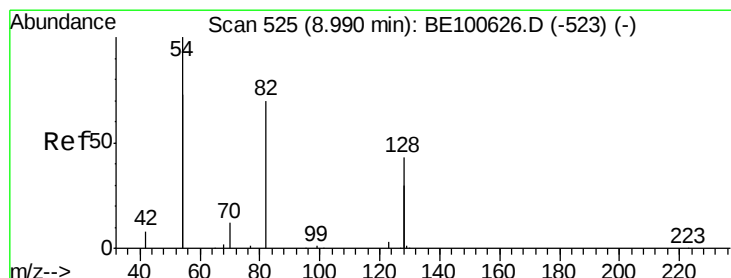
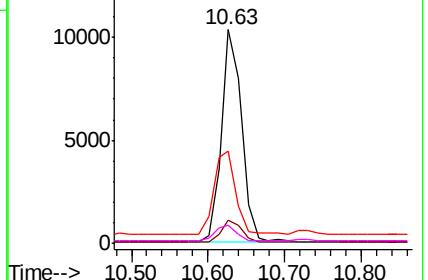
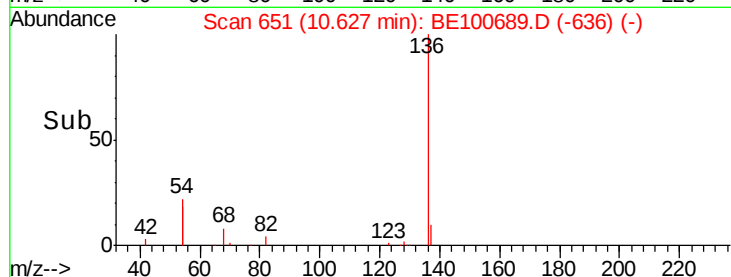


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

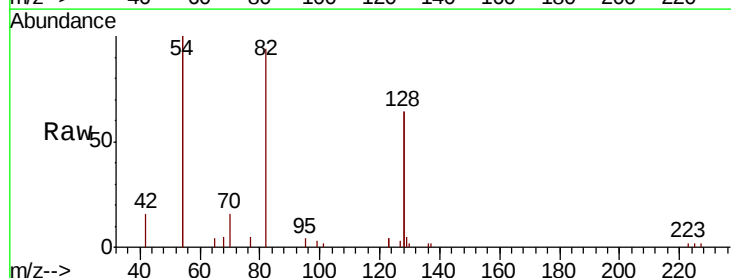
Tgt Ion: 82 Resp: 4870

Ion Ratio Lower Upper

82 100

128 135.6 107.8 161.8

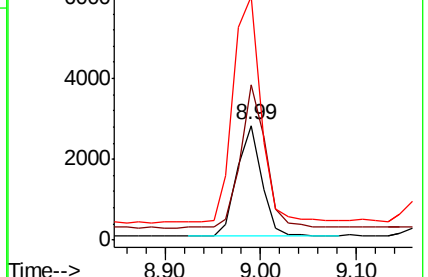
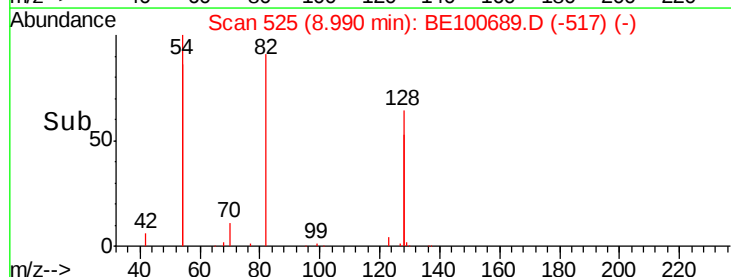
54 212.0 166.1 249.1

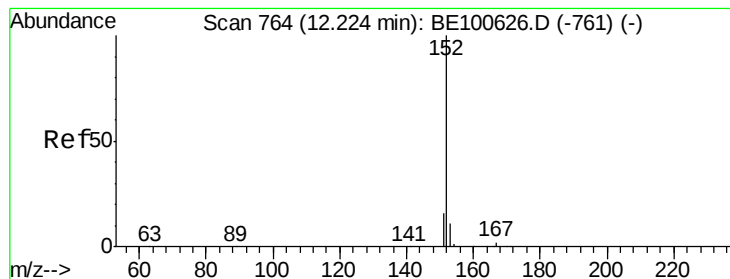


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

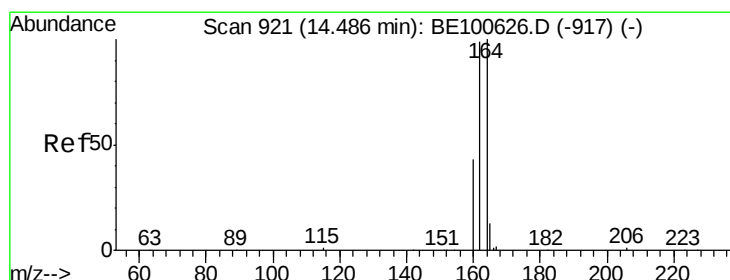
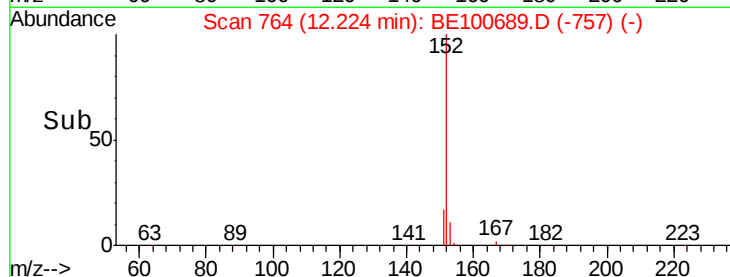
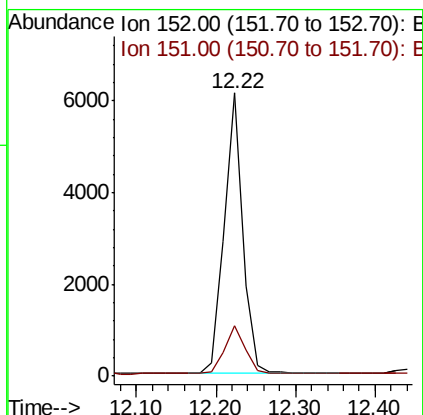
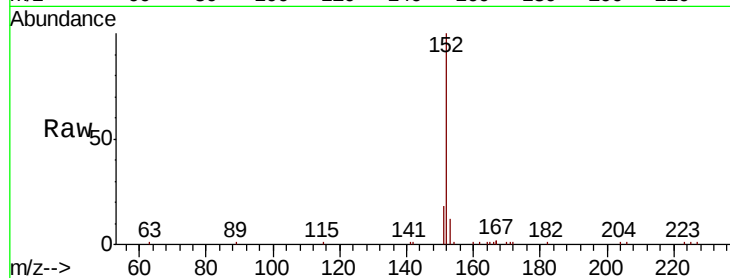




#11
 2-Methylnaphthalene-d10
 Concen: 0.328 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100689.D
 Acq: 29 Oct 2019 00:35

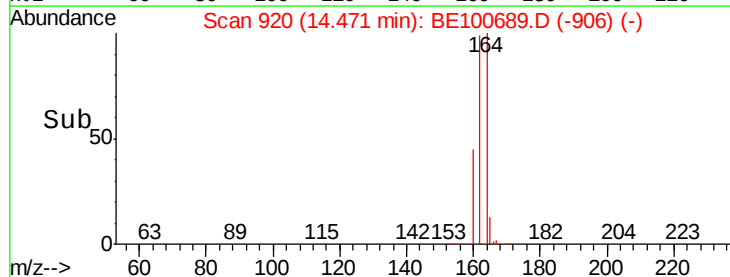
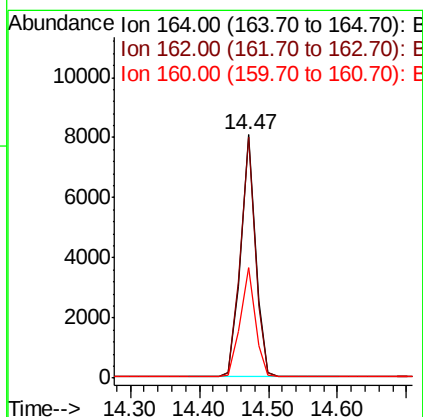
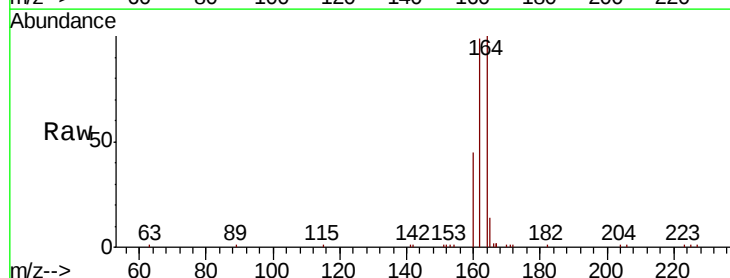
Instrument :
 BNA_E
 ClientSampleId :

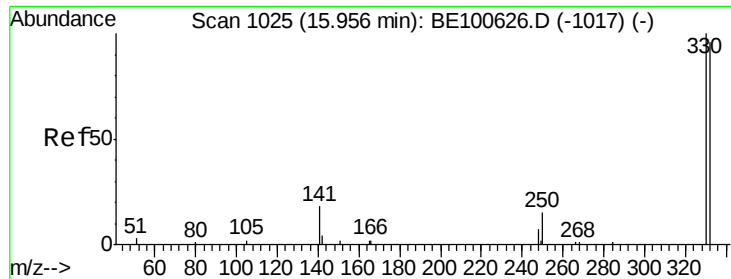
Tot Ion:152 Resp: 9891
 Ion Ratio Lower Upper
 152 100
 151 18.9 14.7 22.1



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100689.D
 Acq: 29 Oct 2019 00:35

Tgt Ion:164 Resp: 12025
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.0 123.0
 160 45.1 37.5 56.3

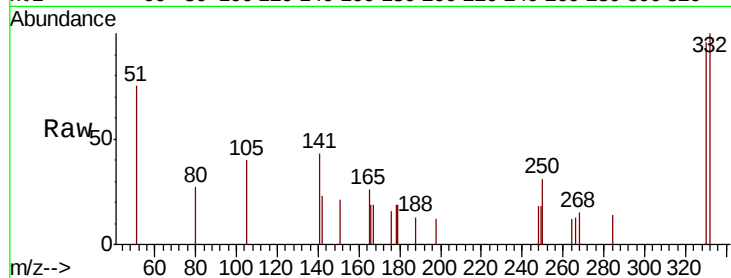




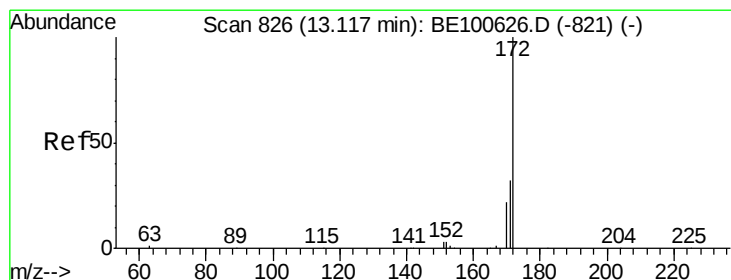
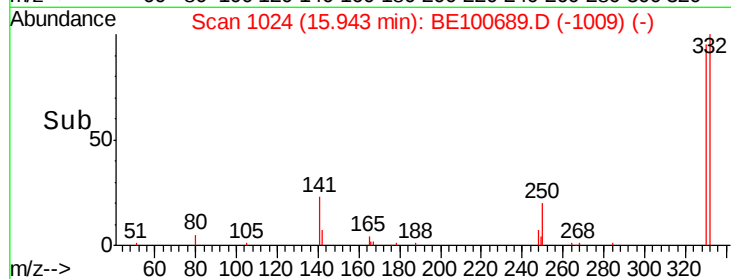
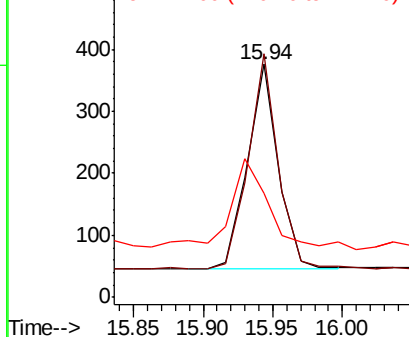
#14
 2,4,6-Tribromophenol
 Concen: 0.159 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE100689.D
 Acq: 29 Oct 2019 00:35

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 506
 Ion Ratio Lower Upper
 330 100
 332 104.0 77.9 116.9
 141 59.5 33.0 49.6#

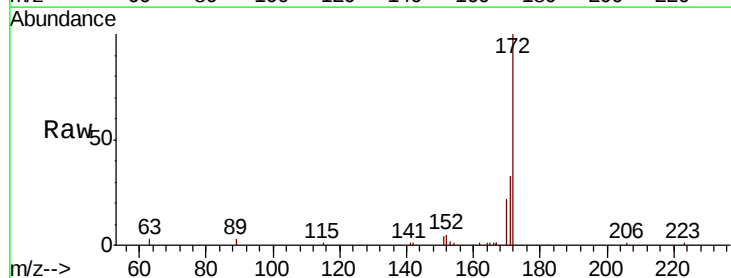


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

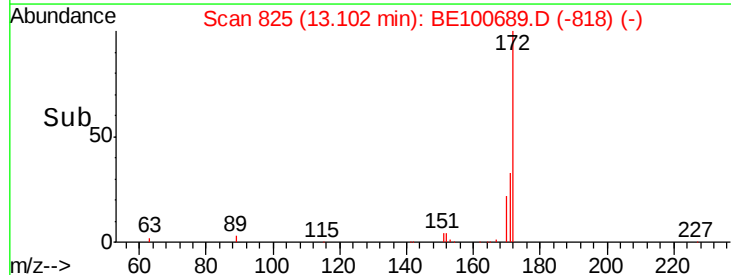
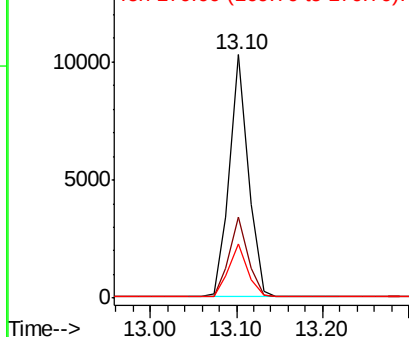


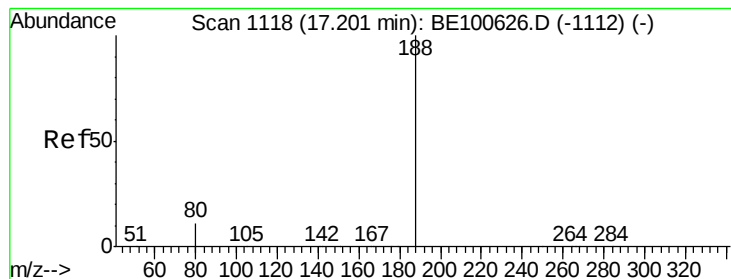
#15
 2-Fluorobiphenyl
 Concen: 0.357 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE100689.D
 Acq: 29 Oct 2019 00:35

Tgt Ion:172 Resp: 15663
 Ion Ratio Lower Upper
 172 100
 171 33.0 26.5 39.7
 170 22.2 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: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

Instrument :

BNA_E

ClientSampled :

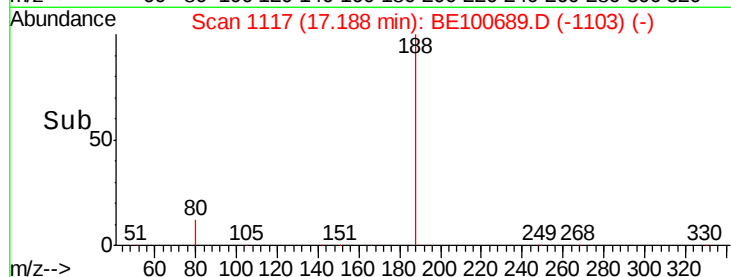
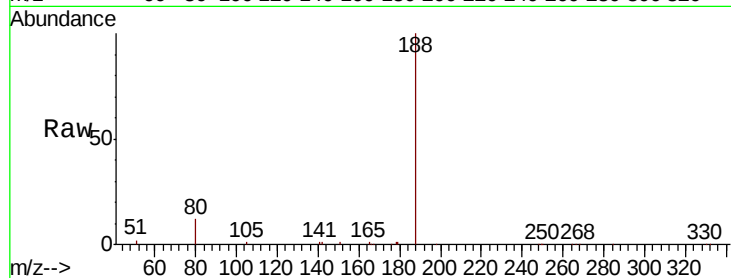
Tot Ion:188 Resp: 29398

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

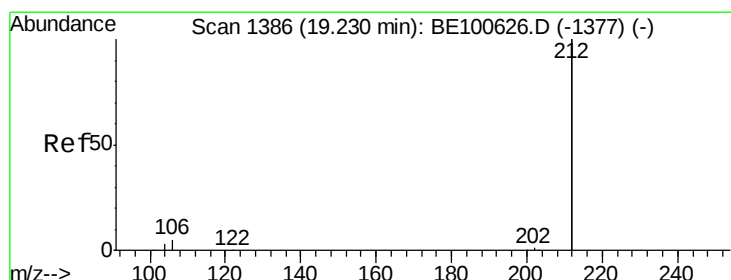
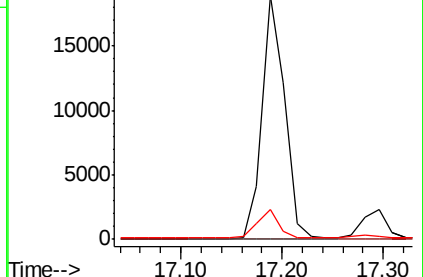
80 12.4 5.4 8.0#



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



#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

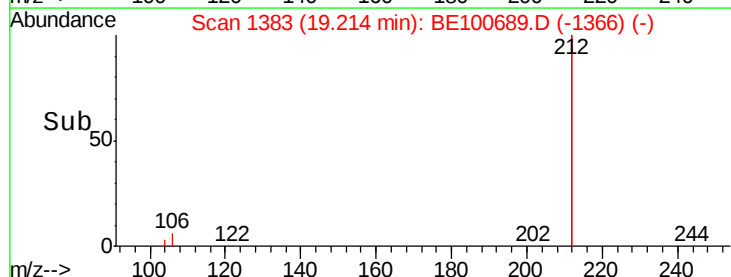
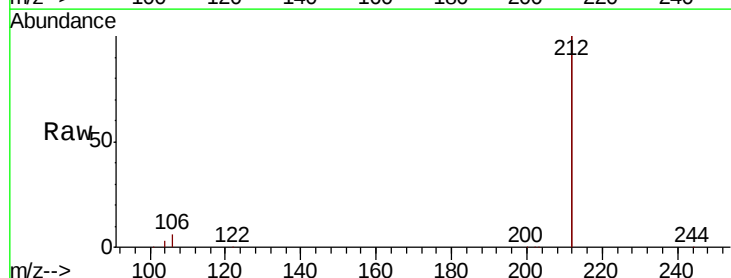
Tgt Ion:212 Resp: 146722

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

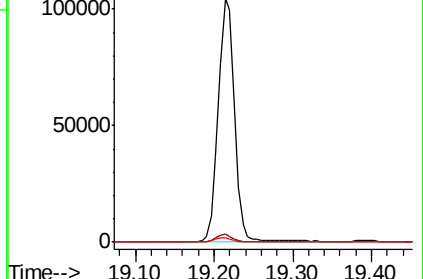
104 1.9 1.3 1.9

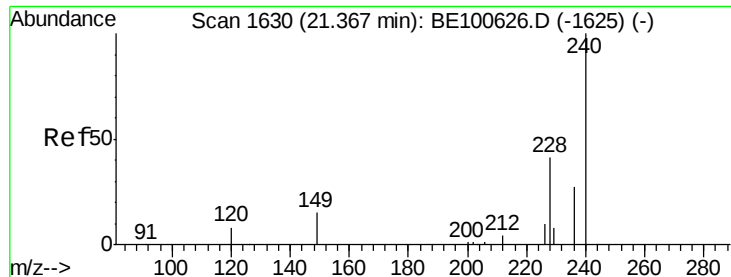


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1628

Delta R.T. -0.00 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

Instrument :

BNA_E

ClientSampleId :

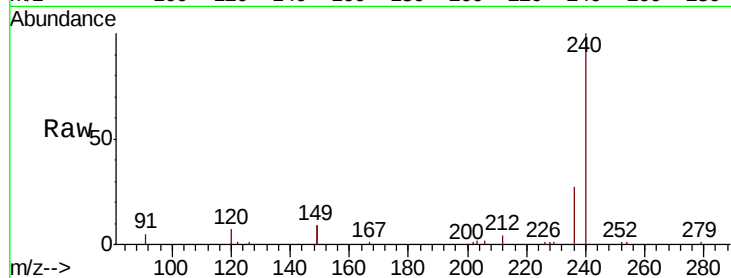
Tot Ion:240 Resp: 37801

Ion Ratio Lower Upper

240 100

120 7.1 7.6 11.4#

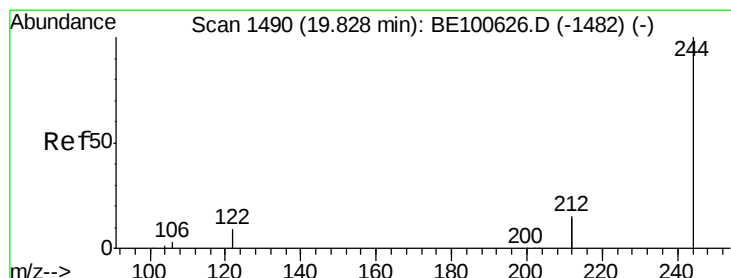
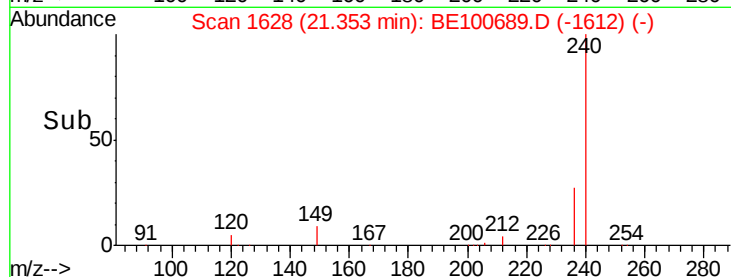
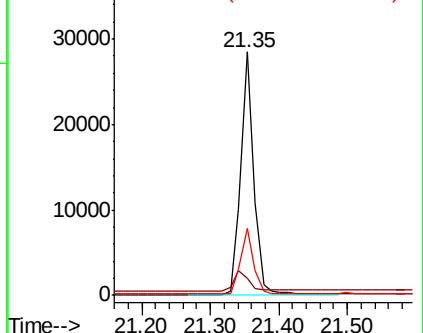
236 27.4 22.1 33.1



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: 0.391 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

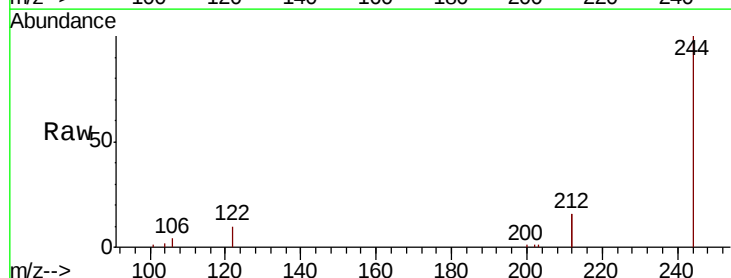
Tgt Ion:244 Resp: 32293

Ion Ratio Lower Upper

244 100

212 31.1 23.7 35.5

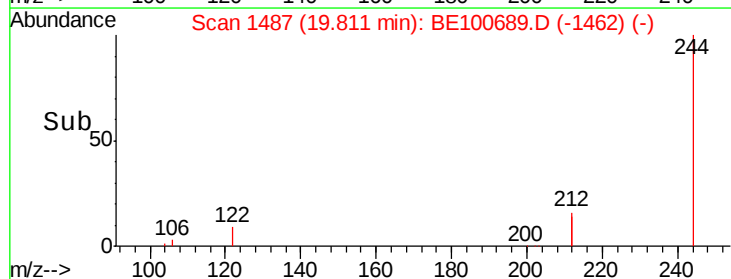
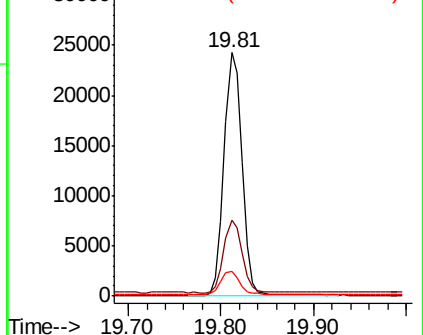
122 10.0 7.9 11.9

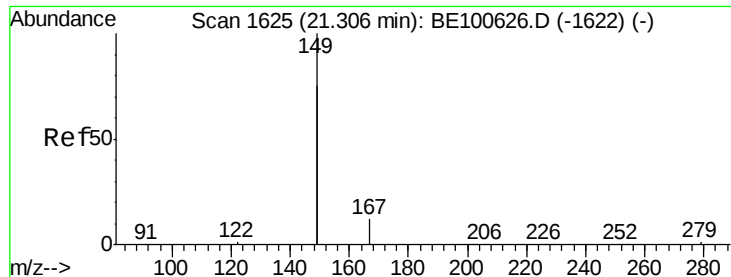


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.136 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

Instrument :

BNA_E

ClientSampleId :

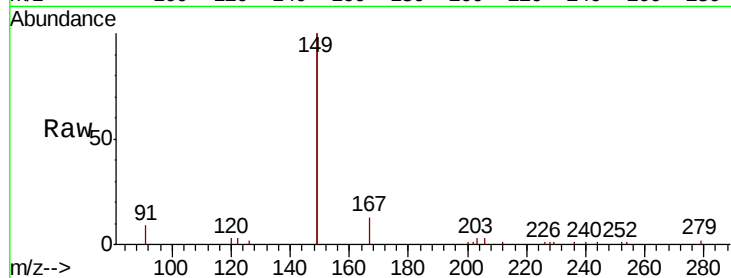
Tot Ion:149 Resp: 35029

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

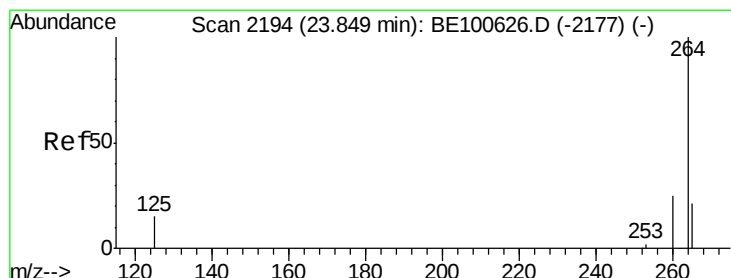
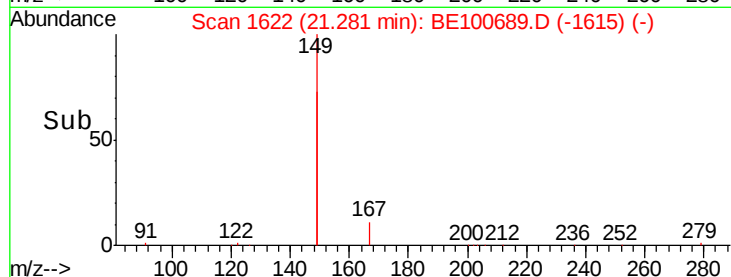
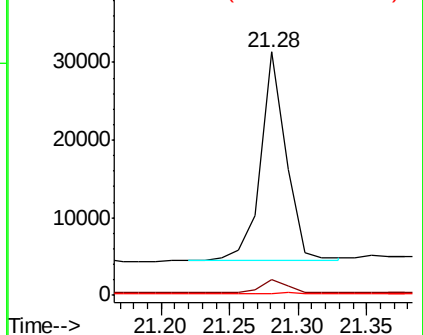
279 1.1 0.9 1.3



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# 2187

Delta R.T. -0.00 min

Lab File: BE100689.D

Acq: 29 Oct 2019 00:35

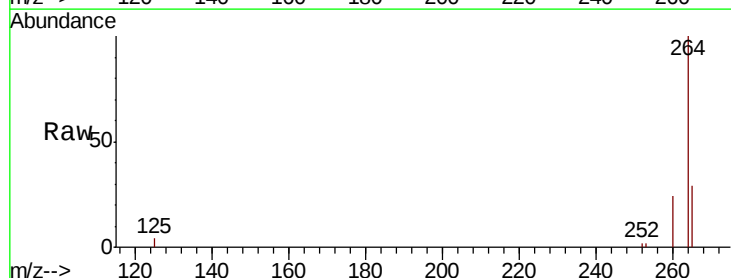
Tgt Ion:264 Resp: 42661

Ion Ratio Lower Upper

264 100

260 24.3 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

